

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000843.D
 Acq On : 13 Apr 2018 12:14
 Operator : JC/MD
 Sample : VX0413WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2018 12:59:55 PM

Quant Time: Apr 14 05:24:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	356415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160600	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	5.51	113	134122	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	499363	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.15	95	204862	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67165	22.14	ug/l	100
3) Chloromethane	1.32	50	56872	21.86	ug/l	99
4) Vinyl Chloride	1.40	62	64002	21.87	ug/l	99
5) Bromomethane	1.64	94	33811	27.29	ug/l	100
6) Chloroethane	1.73	64	42598	24.02	ug/l	98
7) Trichlorofluoromethane	1.93	101	99249	22.48	ug/l	98
8) Diethyl Ether	2.19	74	37670	22.84	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60615	23.29	ug/l	97
10) Methyl Iodide	2.51	142	26641	19.22	ug/l	98
11) Tert butyl alcohol	3.07	59	62005	103.05	ug/l	98
12) 1,1-Dichloroethene	2.38	96	53719	21.78	ug/l	97
13) Acrolein	2.29	56	23188	79.35	ug/l	97
14) Allyl chloride	2.73	41	99640	21.84	ug/l	99
15) Acrylonitrile	3.15	53	149892	116.84	ug/l	100
16) Acetone	2.45	43	131690	112.68	ug/l	100
17) Carbon Disulfide	2.57	76	146922	19.67	ug/l	99
18) Methyl Acetate	2.78	43	73973	24.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	186782	22.73	ug/l	100
20) Methylene Chloride	2.86	84	59974	22.06	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	59168	21.75	ug/l	98
22) Diisopropyl ether	3.87	45	186582	22.26	ug/l	94
23) Vinyl Acetate	3.83	43	818889	111.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104825	22.28	ug/l	99
25) 2-Butanone	4.71	43	221797	114.92	ug/l	99
26) 2,2-Dichloropropane	4.59	77	100227	21.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	68393	22.15	ug/l	99
28) Bromochloromethane	5.03	49	36239	19.13	ug/l	98
29) Tetrahydrofuran	5.18	42	138987	113.42	ug/l	99
30) Chloroform	5.22	83	112941	22.68	ug/l	94
31) Cyclohexane	5.59	56	97560	21.84	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	104244	21.97	ug/l	100
36) 1,1-Dichloropropene	5.81	75	85927	21.89	ug/l	99
37) Ethyl Acetate	4.87	43	87479	22.83	ug/l	99
38) Carbon Tetrachloride	5.79	117	92662	21.09	ug/l	98

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Instrument :
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 ClientSampleID :
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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105115	22.30	ug/l	99
40) Benzene	6.15	78	246465	22.60	ug/l	100
41) Methacrylonitrile	5.07	41	50552	22.83	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92516	22.71	ug/l	99
43) Isopropyl Acetate	6.47	43	147178	22.40	ug/l	100
44) Trichloroethene	7.22	130	76316	22.50	ug/l	98
45) 1,2-Dichloropropane	7.52	63	63296	22.79	ug/l	98
46) Dibromomethane	7.67	93	42680	22.04	ug/l	99
47) Bromodichloromethane	7.90	83	84584	21.64	ug/l	99
48) Methyl methacrylate	7.78	41	76062	22.34	ug/l	99
49) 1,4-Dioxane	7.76	88	26035	380.43	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	452185	117.17	ug/l	99
52) Toluene	8.79	92	163347	22.57	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	103728	22.13	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	98094	21.49	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	65494	22.80	ug/l	99
56) Ethyl methacrylate	9.19	69	99076	22.36	ug/l	99
57) 1,3-Dichloropropane	9.38	76	106102	23.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217293	104.96	ug/l	100
59) 2-Hexanone	9.51	43	344358	115.59	ug/l	100
60) Dibromochloromethane	9.59	129	73102	21.27	ug/l	100
61) 1,2-Dibromoethane	9.68	107	69476	22.80	ug/l	100
64) Tetrachloroethene	9.34	164	76989	23.30	ug/l	99
65) Chlorobenzene	10.15	112	193178	22.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70869	22.15	ug/l	98
67) Ethyl Benzene	10.26	91	320456	22.61	ug/l	99
68) m/p-Xylenes	10.37	106	252561	45.14	ug/l	99
69) o-Xylene	10.71	106	122983	22.81	ug/l	99
70) Styrene	10.72	104	204641	22.51	ug/l	100
71) Bromoform	10.87	173	60217	20.32	ug/l #	99
73) Isopropylbenzene	11.02	105	335205	22.80	ug/l	100
74) N-amyl acetate	6.47	43	147178	22.23	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	95533	22.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	90360m	22.60	ug/l	
77) Bromobenzene	11.26	156	95932	22.26	ug/l	99
78) n-propylbenzene	11.37	91	384179	22.84	ug/l	99
79) 2-Chlorotoluene	11.43	91	223160	22.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	285422	22.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	28485	19.60	ug/l	95
82) 4-Chlorotoluene	11.52	91	267803	22.32	ug/l	100
83) tert-Butylbenzene	11.77	119	293691	22.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	294028	22.52	ug/l	100
85) sec-Butylbenzene	11.95	105	350726	22.98	ug/l	99
86) p-Isopropyltoluene	12.07	119	323306	22.72	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	179000	22.44	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	183810	22.49	ug/l	99
89) n-Butylbenzene	12.40	91	289248	23.02	ug/l	100
90) Hexachloroethane	12.60	117	49647	20.61	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	172092	22.35	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21542	20.15	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

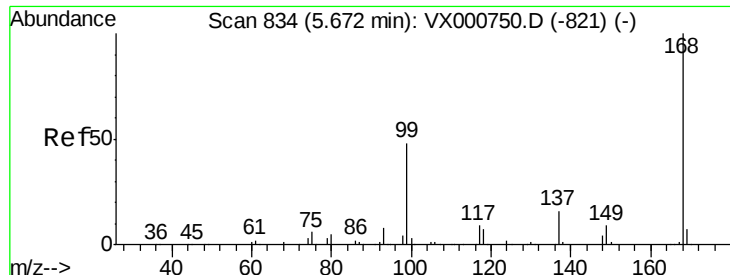
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148508	22.60	ug/l	99
94) Hexachlorobutadiene	13.79	225	75953	23.51	ug/l	100
95) Naphthalene	13.84	128	382209	22.66	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142862	22.39	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



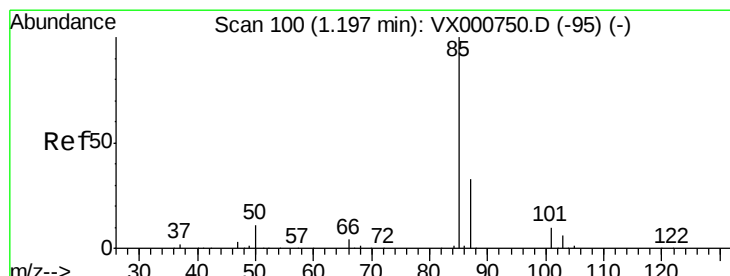
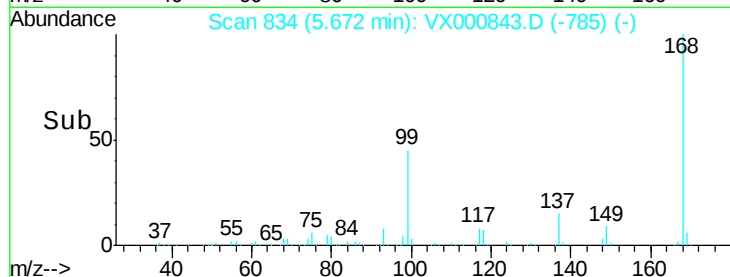
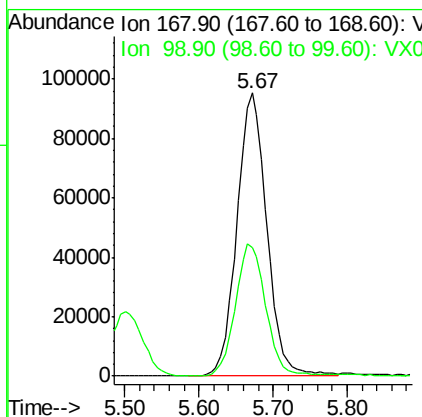
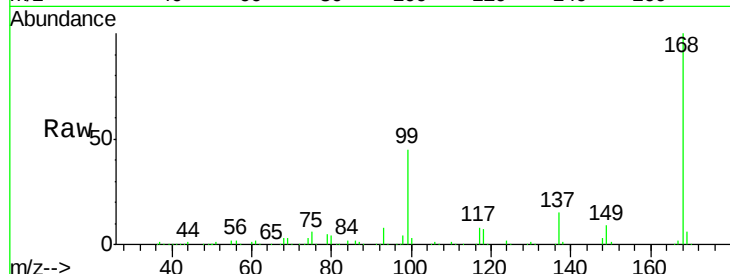
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	45.1	38.3	57.5

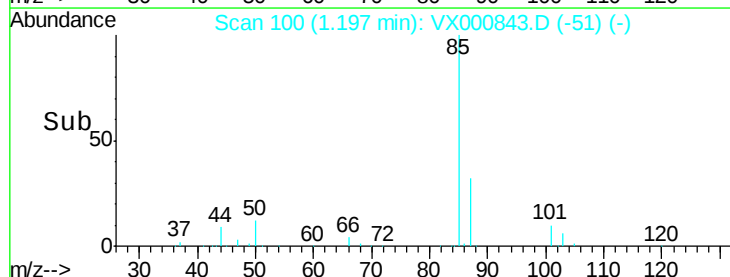
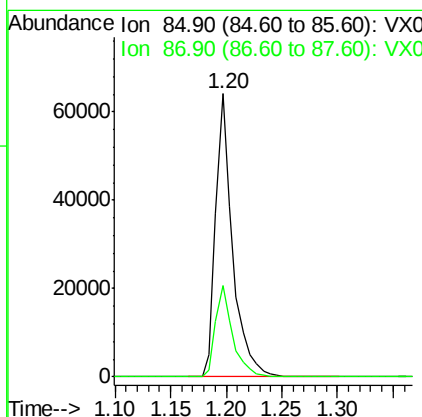
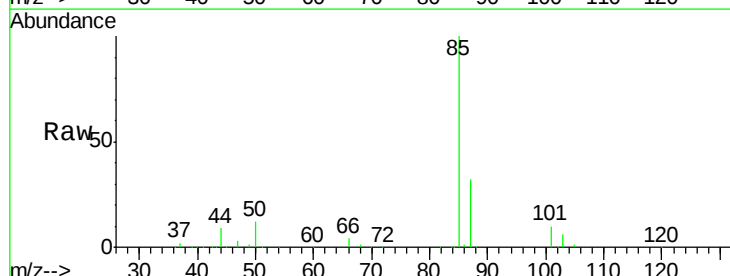
Manual Integrations
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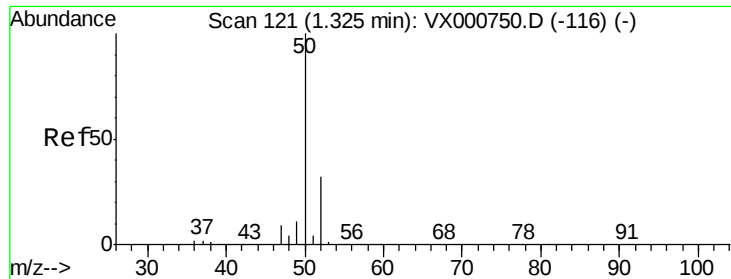
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#2
Dichlorodifluoromethane
Concen: 22.14 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.3	48.8





#3

Chloromethane

Concen: 21.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 50 Resp: 56872

Ion Ratio Lower Upper

50 100

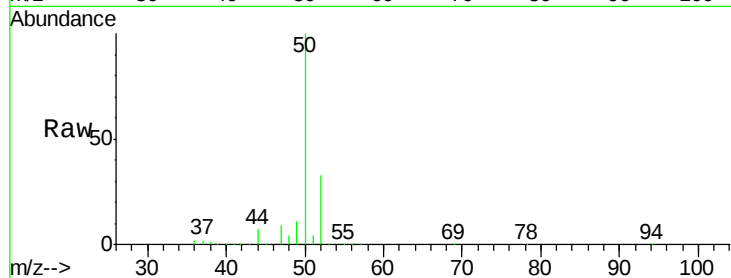
52 32.8 25.8 38.8

Manual Integrations

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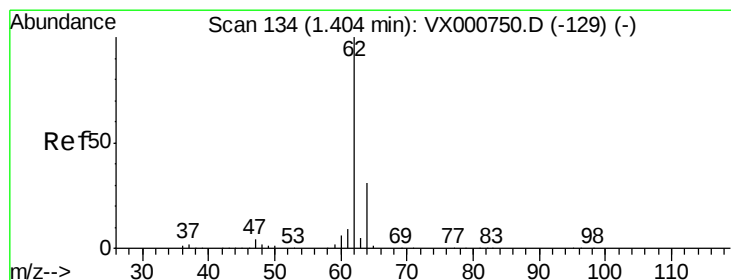
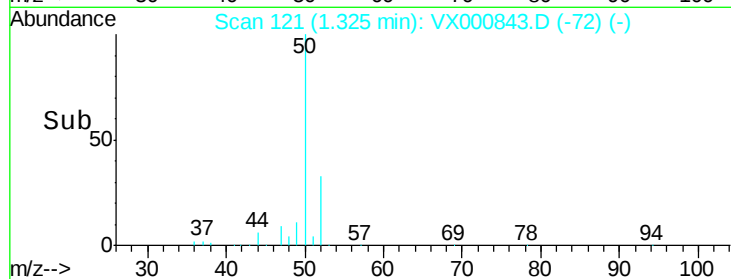
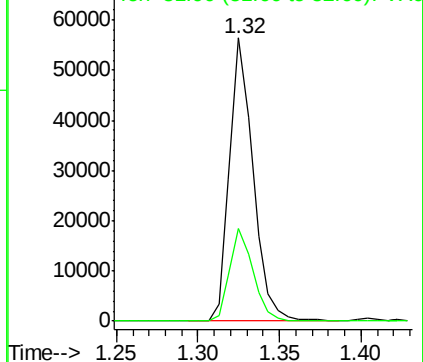
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000843.D

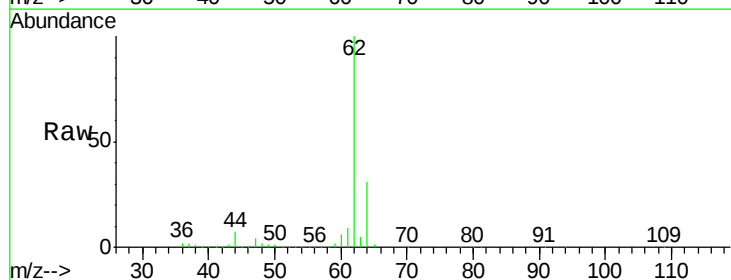
Acq: 13 Apr 2018 12:14

Tgt Ion: 62 Resp: 64002

Ion Ratio Lower Upper

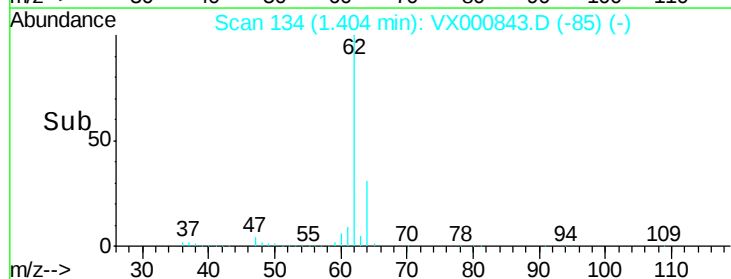
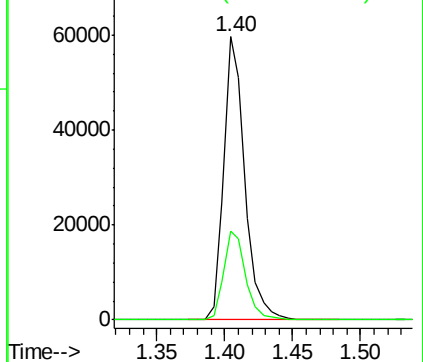
62 100

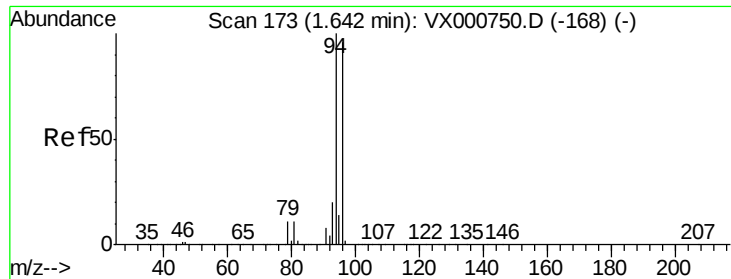
64 31.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.29 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 94 Resp: 33811

Ion Ratio Lower Upper

94 100

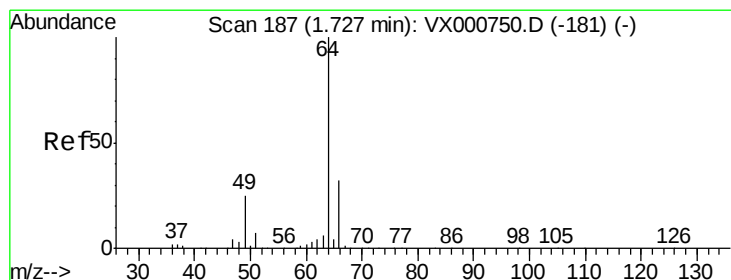
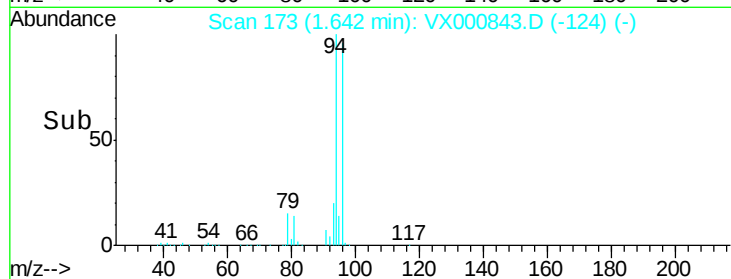
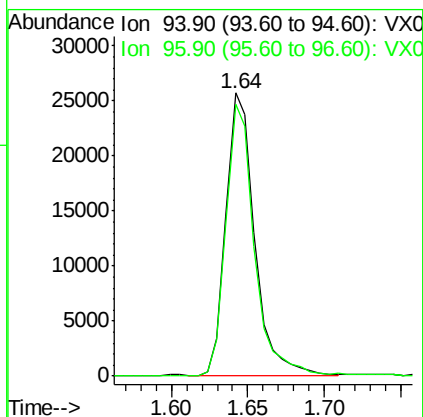
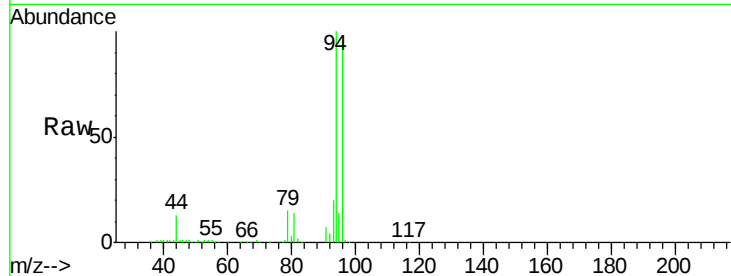
96 96.0 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 24.02 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000843.D

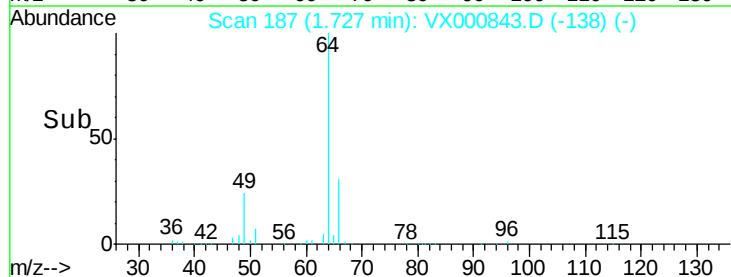
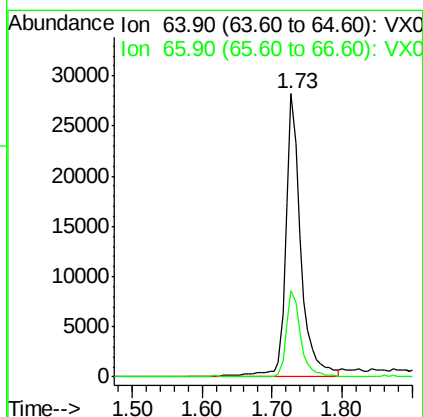
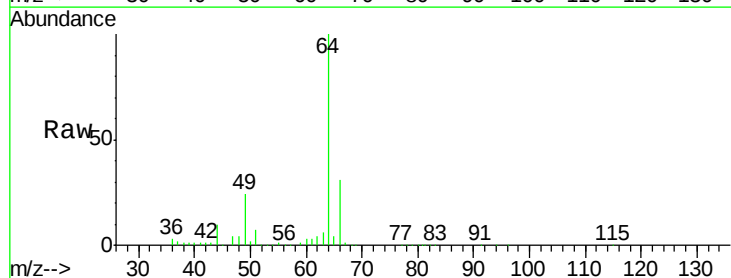
Acq: 13 Apr 2018 12:14

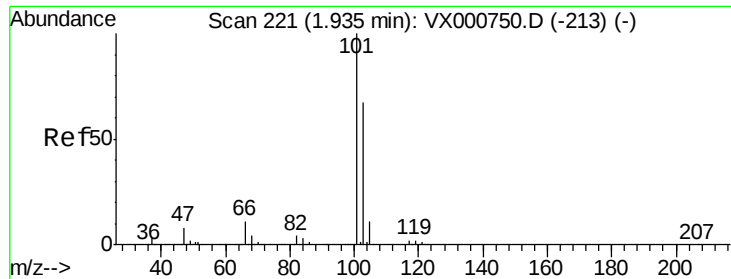
Tgt Ion: 64 Resp: 42598

Ion Ratio Lower Upper

64 100

66 30.6 25.3 37.9





#7

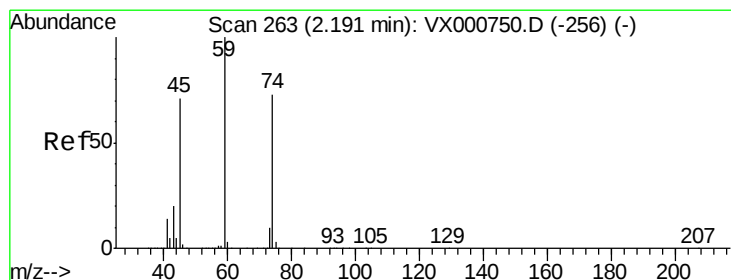
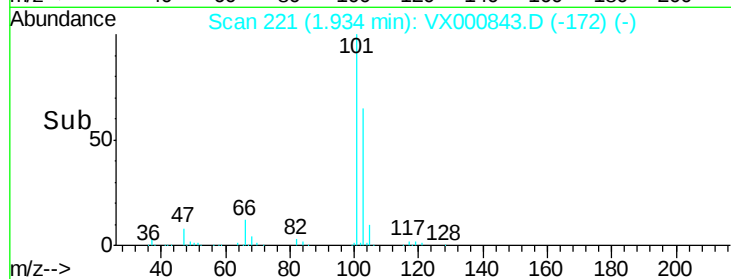
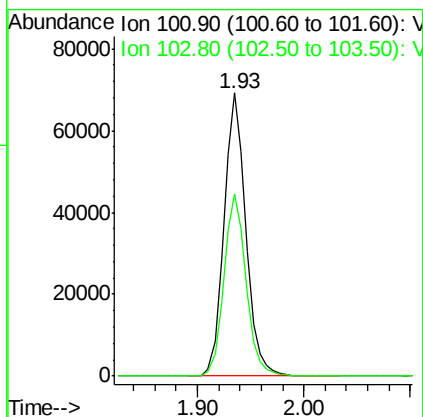
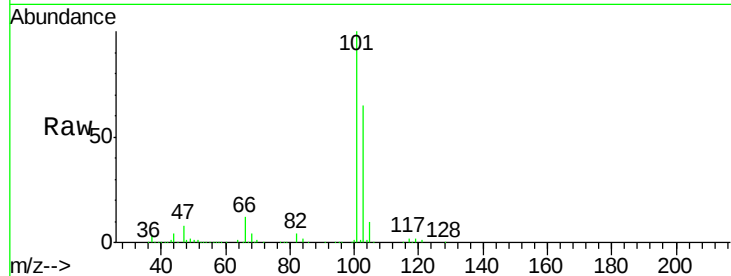
Trichlorofluoromethane
 Concen: 22.48 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

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 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.2	79.8

Manual Integrations
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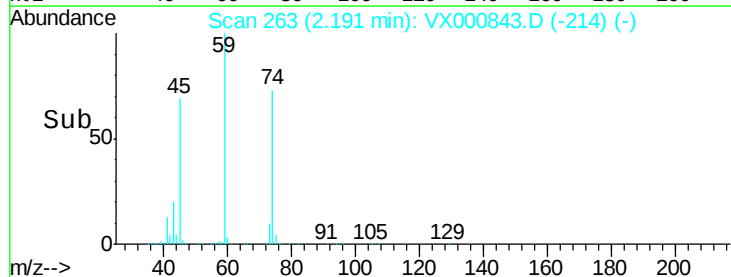
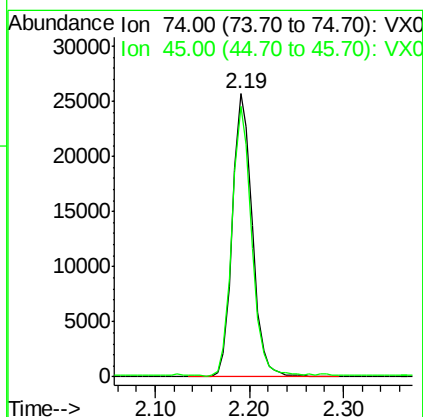
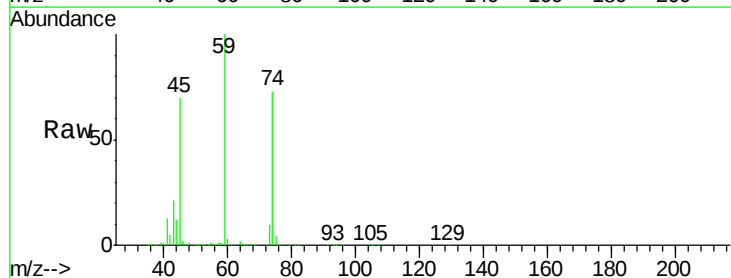
MMDadoda
 4/16/2018 12:59:55 PM

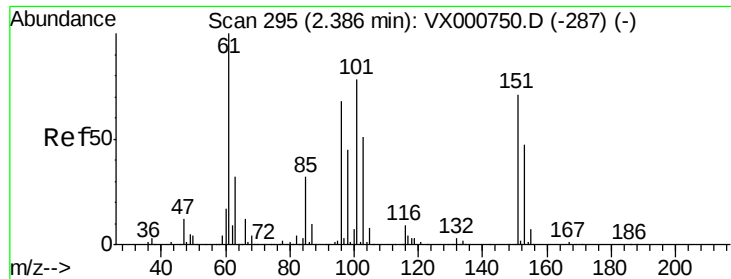


#8

Diethyl Ether
 Concen: 22.84 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.29 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

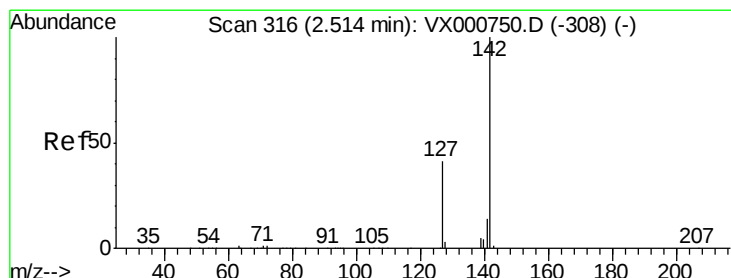
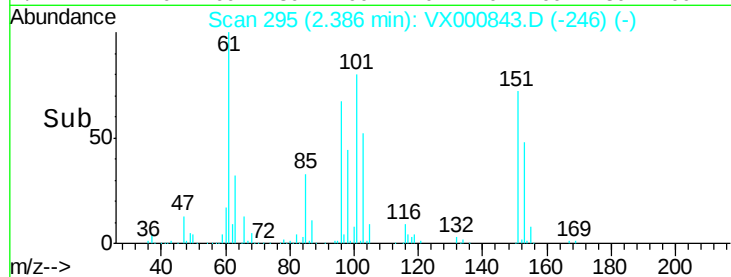
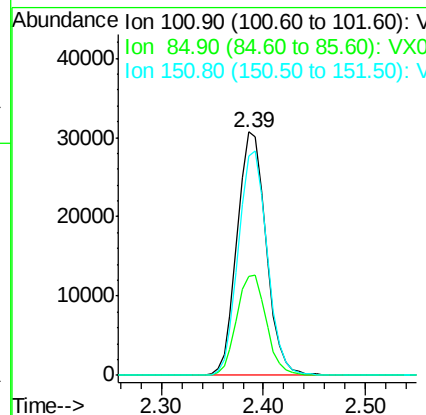
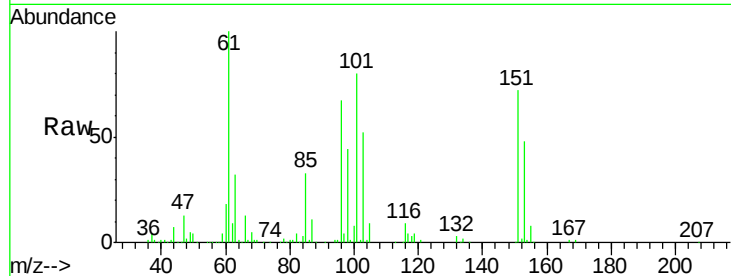
ClientSampleId :

VX0413WBS01

Tot Ion:	101	Resp:	60615
Ion Ratio	Lower	Upper	
101	100		
85	41.8	34.0	51.0
151	91.7	75.8	113.8

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 19.22 ug/l

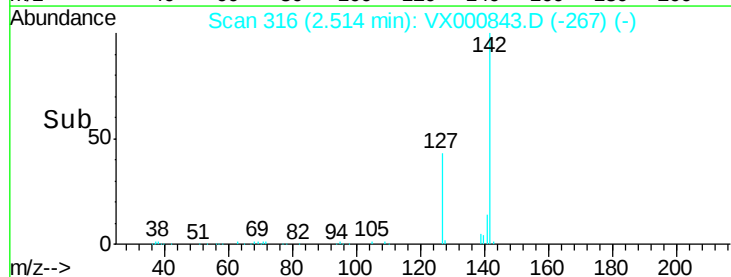
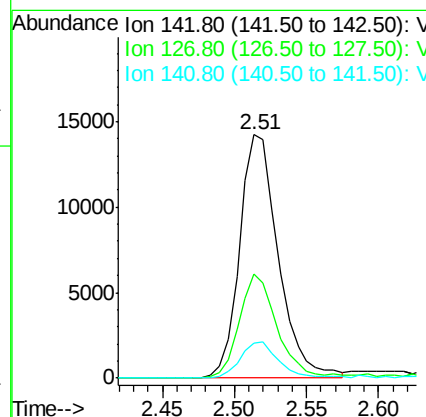
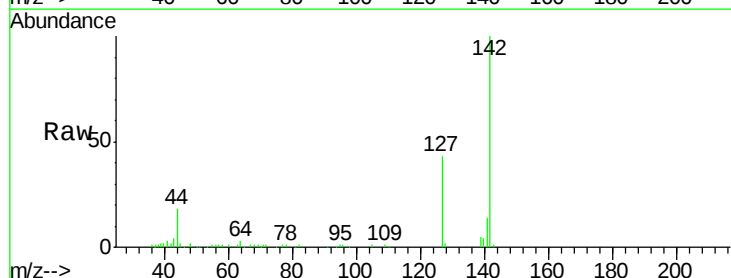
RT: 2.51 min Scan# 316

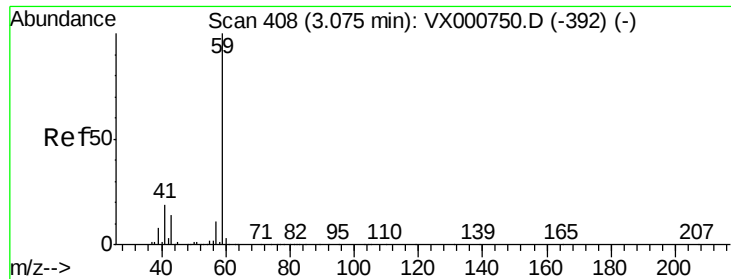
Delta R.T. 0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion:	142	Resp:	26641
Ion Ratio	Lower	Upper	
142	100		
127	42.0	32.6	49.0
141	14.6	11.5	17.3





#11

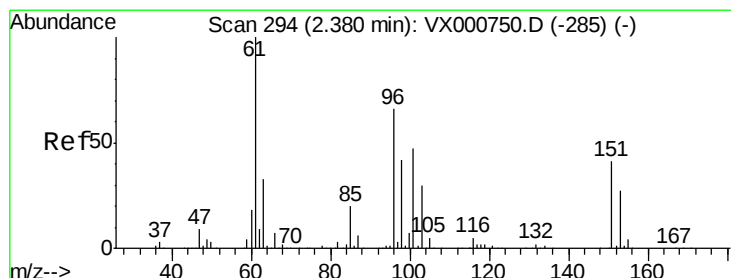
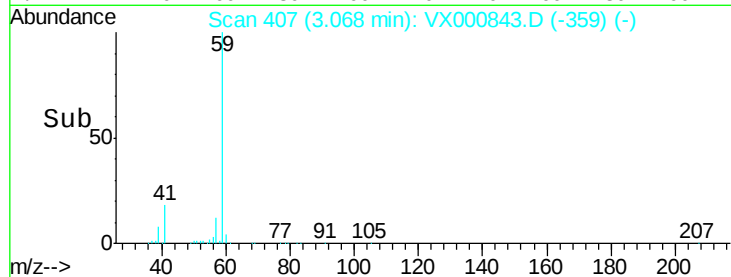
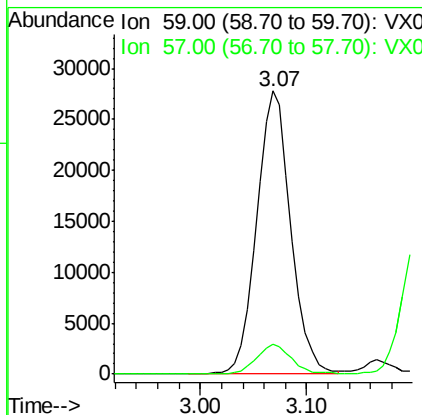
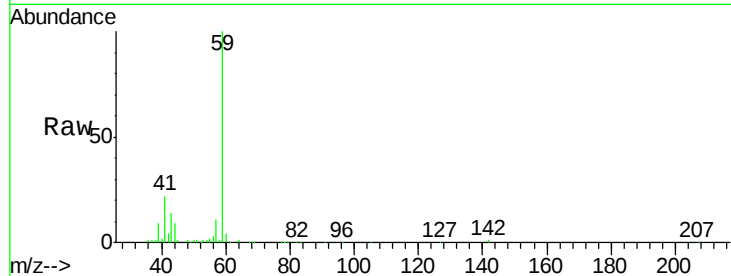
Tert butyl alcohol
 Concen: 103.05 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion: 59 Resp: 62005
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.4 12.6

Manual Integrations
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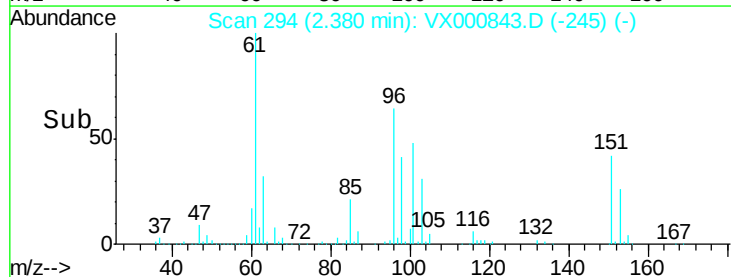
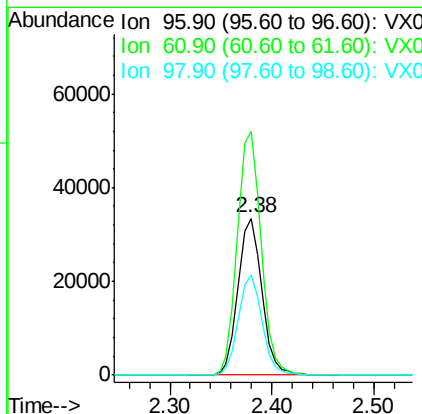
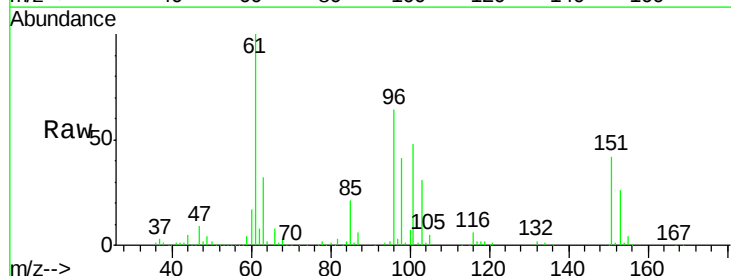
MMDadoda
 4/16/2018 12:59:55 PM

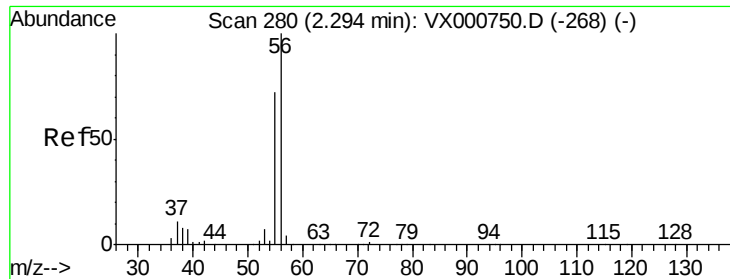


#12

1,1-Dichloroethene
 Concen: 21.78 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion: 96 Resp: 53719
 Ion Ratio Lower Upper
 96 100
 61 155.4 120.5 180.7
 98 64.2 50.9 76.3





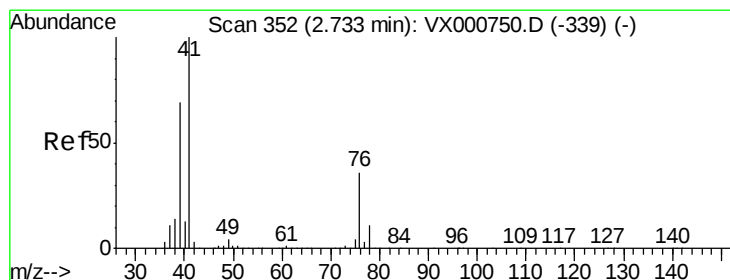
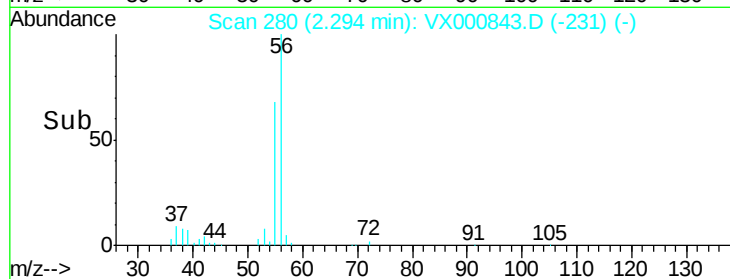
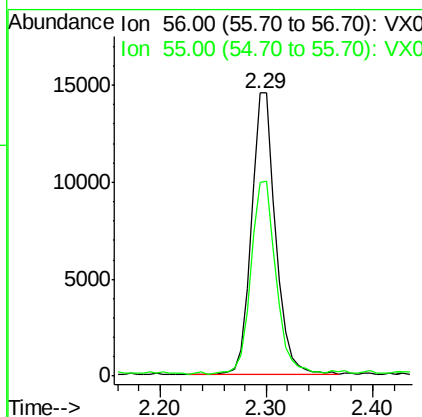
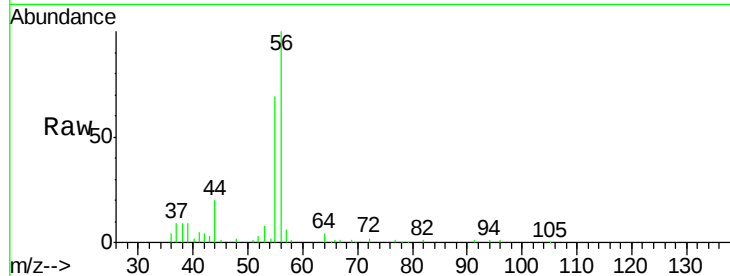
#13
Acrolein
Concen: 79.35 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	58.7	88.1

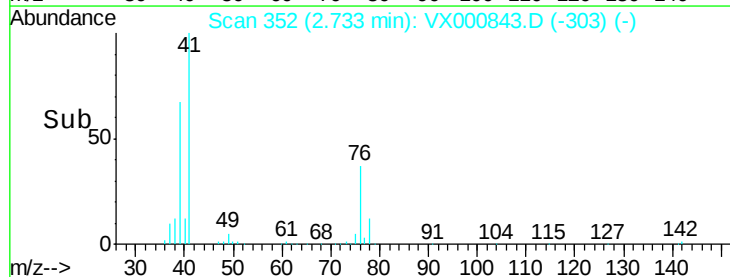
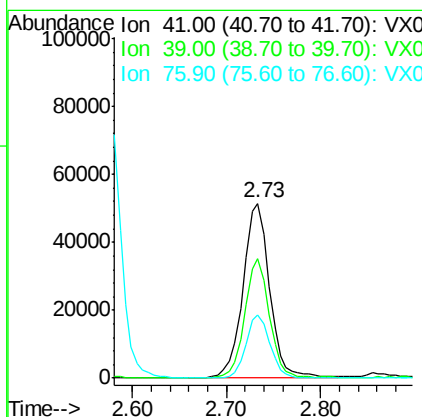
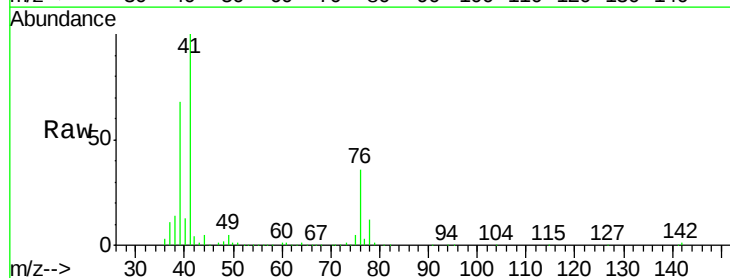
Manual Integrations
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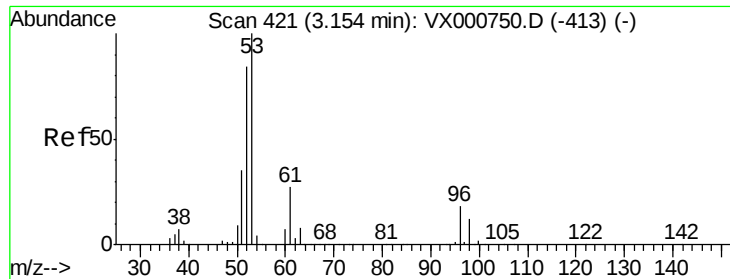
MMDadoda
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#14
Allyl chloride
Concen: 21.84 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.7	51.5	77.3
76	33.1	26.5	39.7





#15

Acrylonitrile

Concen: 116.84 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

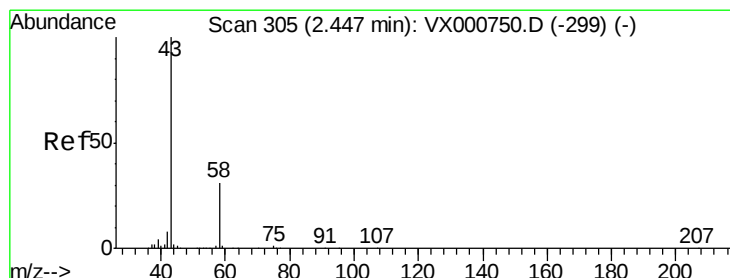
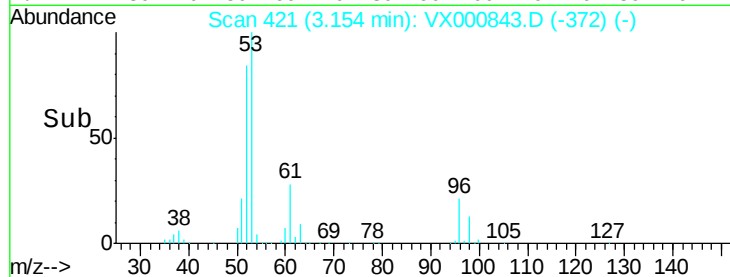
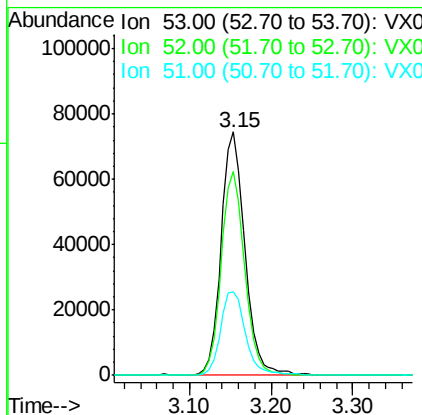
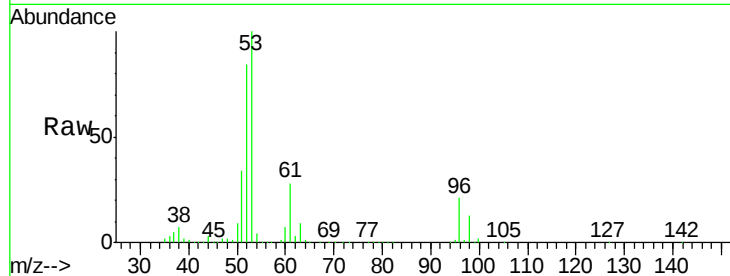
ClientSampleId :

VX0413WBS01

Tot Ion:	53	Resp:	149892
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.5	99.7
51	36.1	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 112.68 ug/l

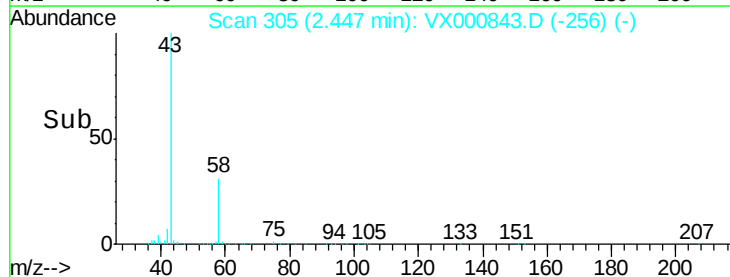
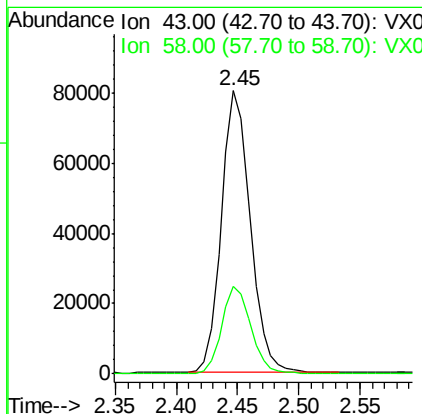
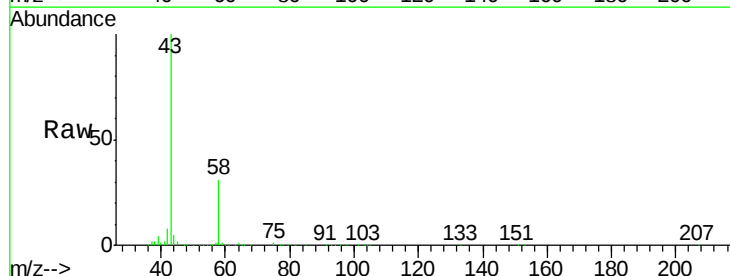
RT: 2.45 min Scan# 305

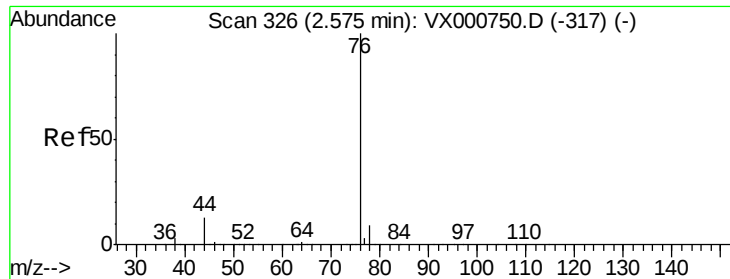
Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion:	43	Resp:	131690
Ion Ratio		Lower	Upper
43	100		
58	30.8	24.6	37.0





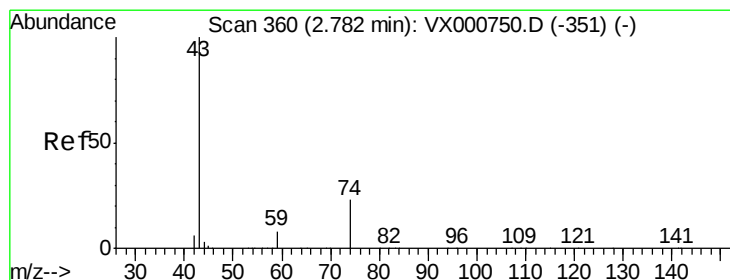
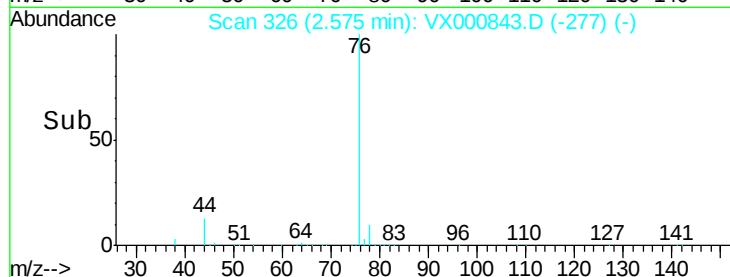
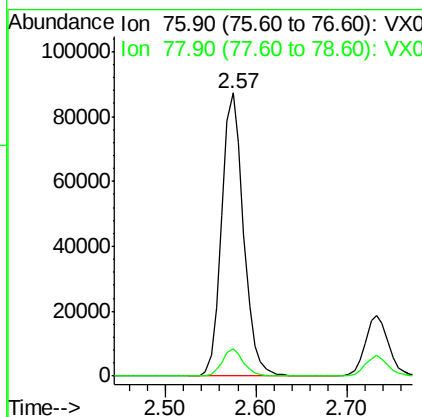
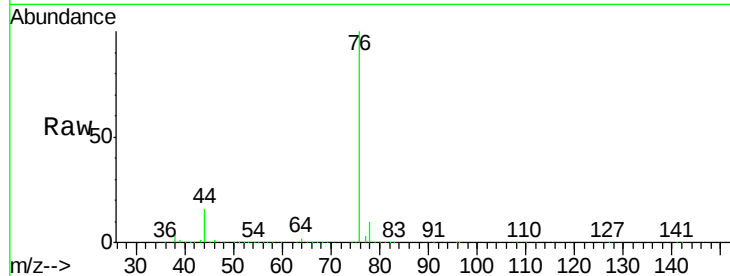
#17
Carbon Disulfide
Concen: 19.67 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.2

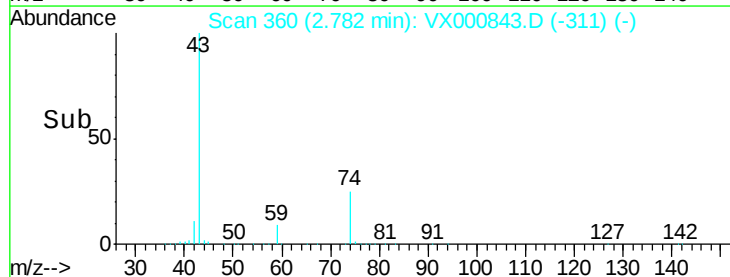
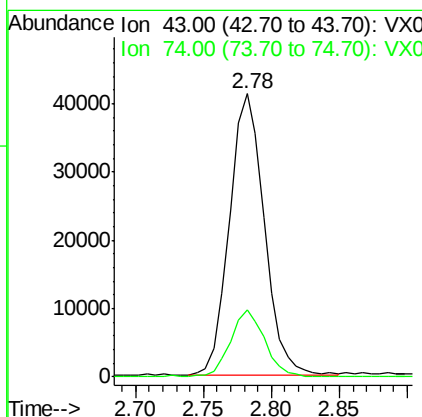
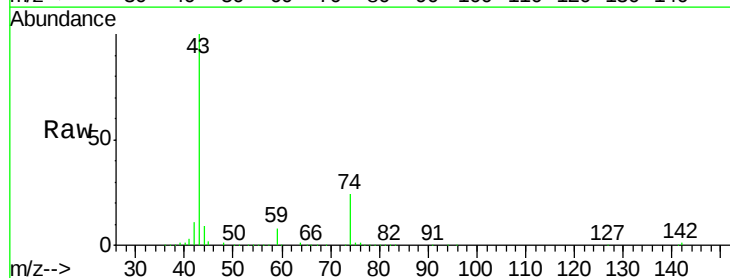
Manual Integrations
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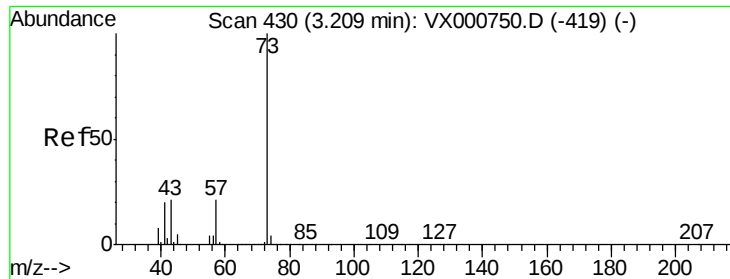
MMDadoda
4/16/2018 12:59:55 PM



#18
Methyl Acetate
Concen: 24.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.1	28.7





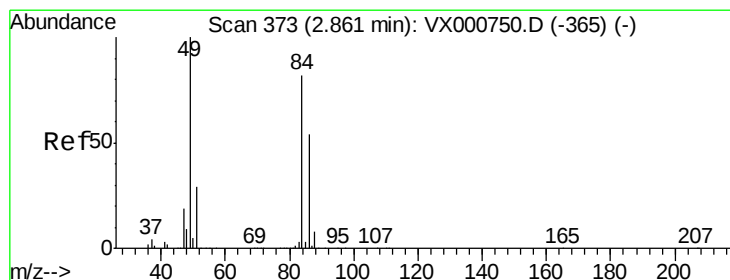
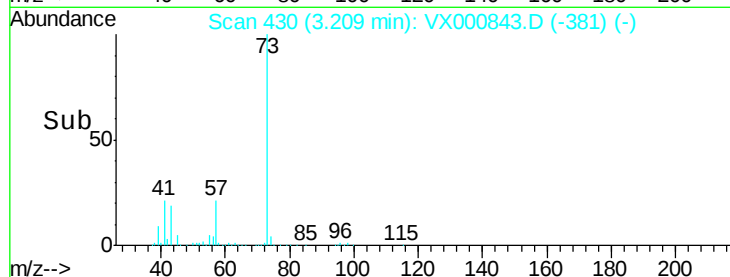
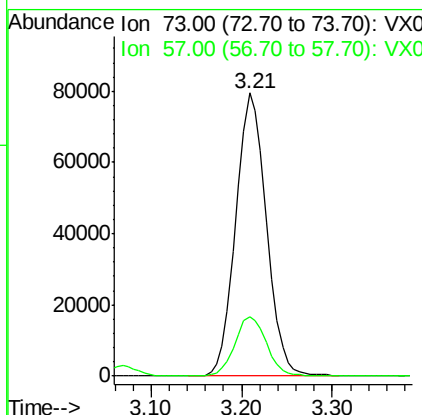
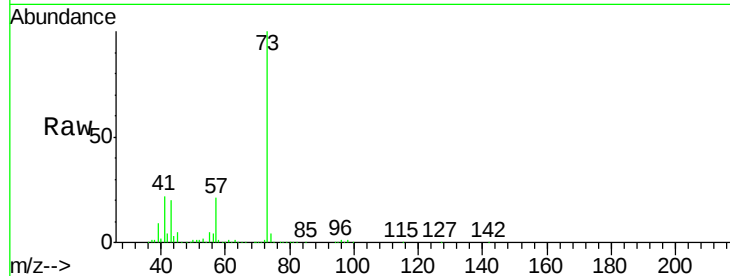
#19
Methvl tert-butvl Ether
Concen: 22.73 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.9	25.3

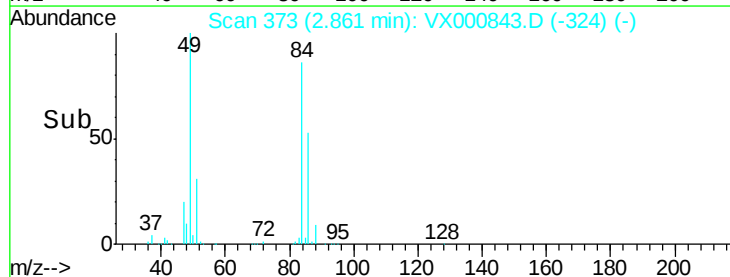
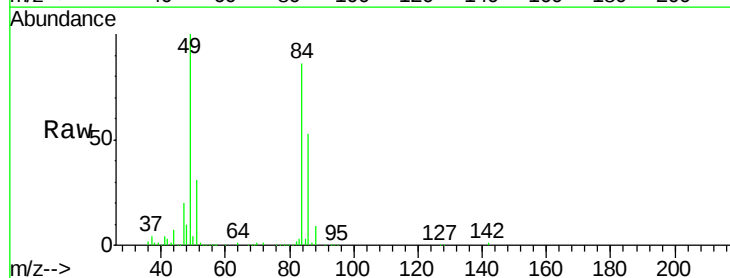
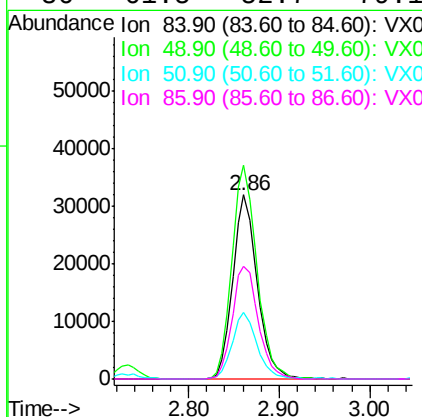
Manual Integrations
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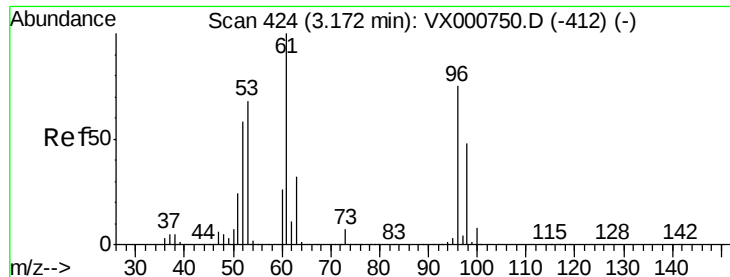
MMDadoda
4/16/2018 12:59:55 PM



#20
Methylene Chloride
Concen: 22.06 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.2	98.1	147.1
51	36.3	28.9	43.3
86	61.5	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 21.75 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

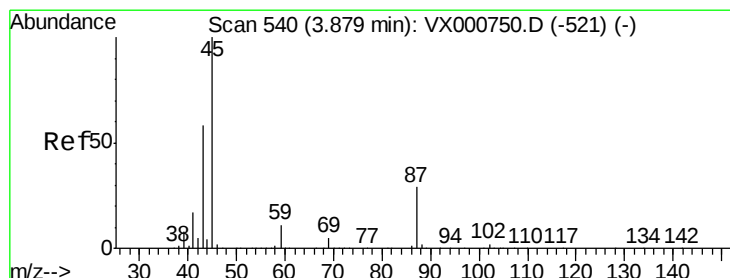
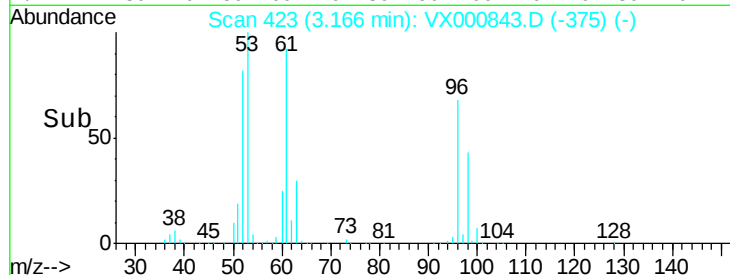
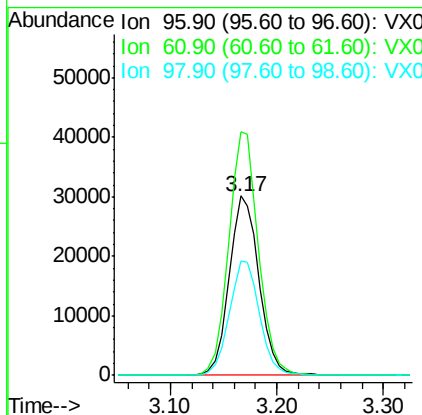
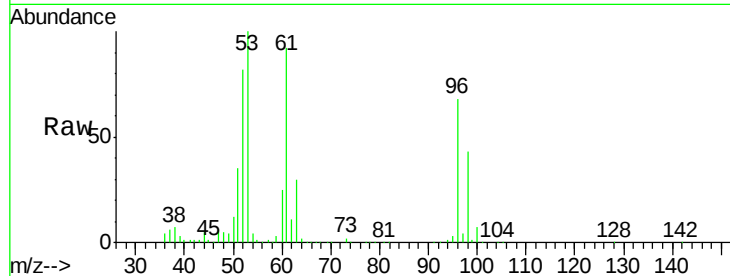
ClientSampleId :

VX0413WBS01

Tot Ion:	96	Resp:	59168
Ion	Ratio	Lower	Upper
96	100		
61	135.6	106.2	159.2
98	63.8	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.26 ug/l

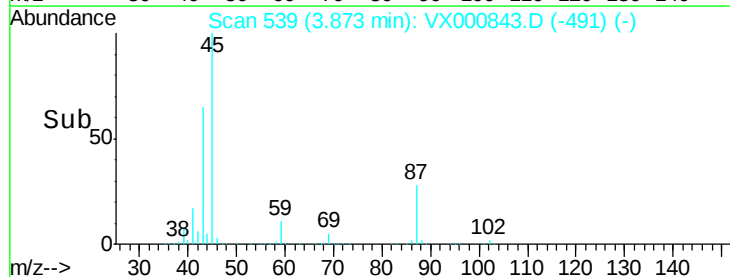
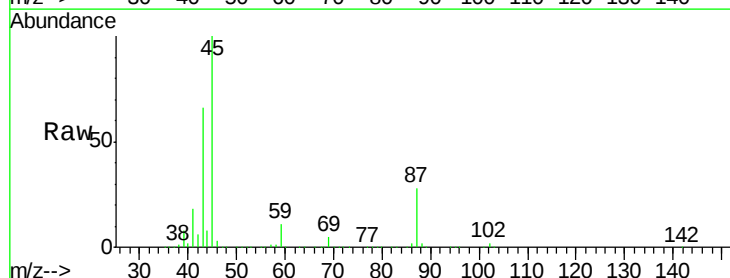
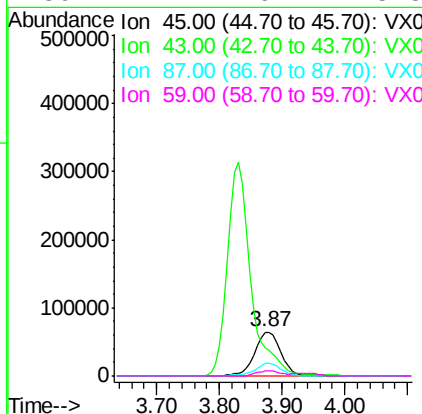
RT: 3.87 min Scan# 539

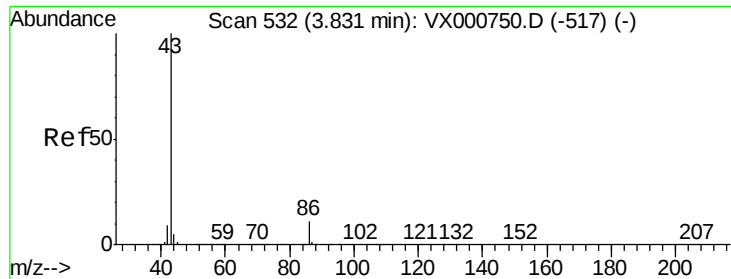
Delta R.T. -0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion:	45	Resp:	186582
Ion	Ratio	Lower	Upper
45	100		
43	65.5	46.6	69.8
87	28.2	22.9	34.3
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 111.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tot Ion: 43 Resp: 818889

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

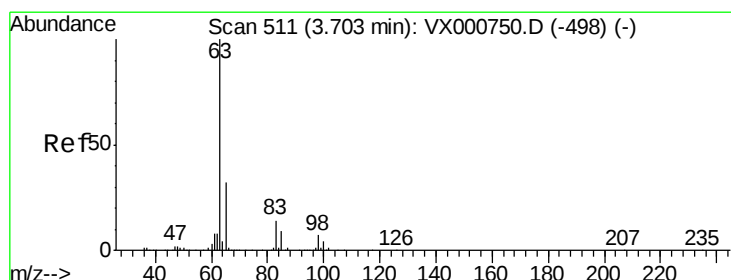
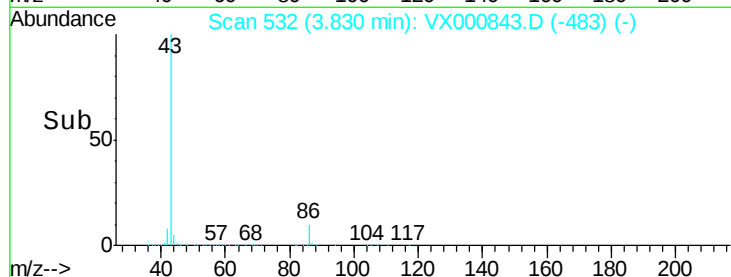
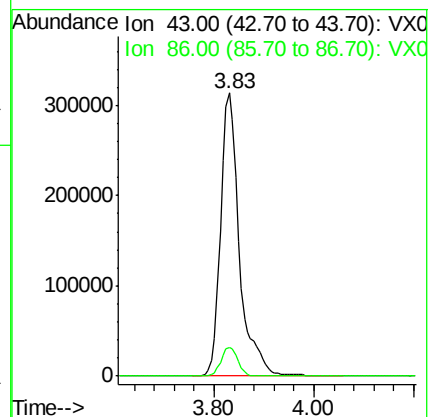
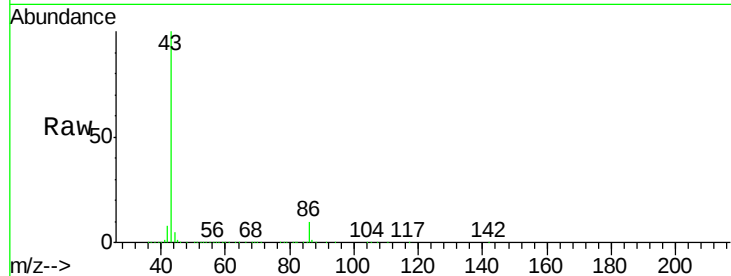
VX0413WBS01

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.28 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

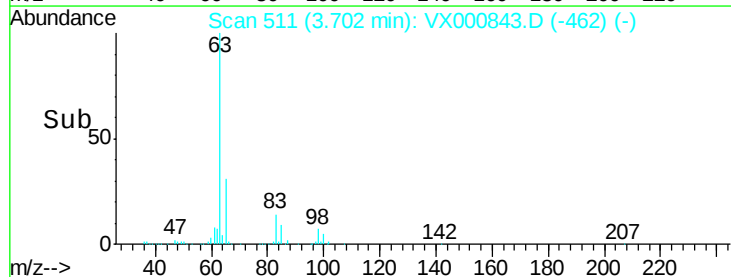
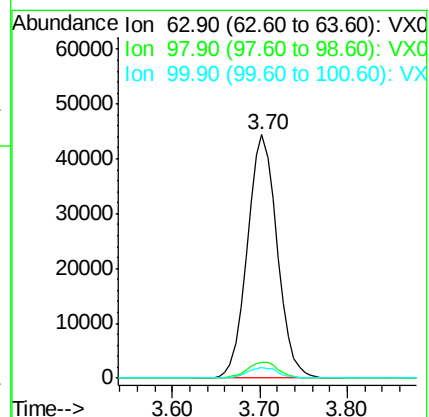
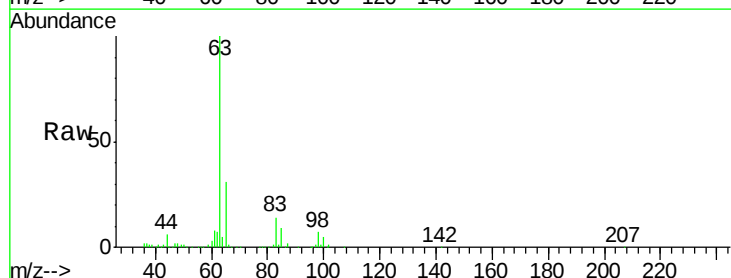
Tgt Ion: 63 Resp: 104825

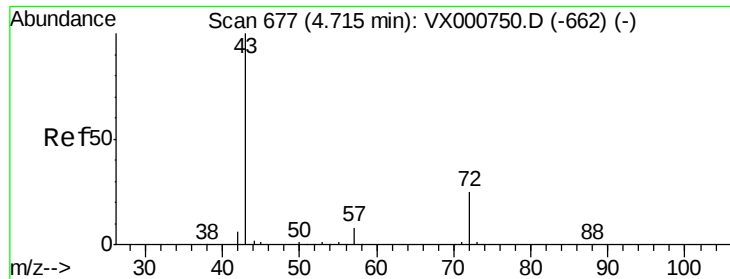
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 114.92 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 43 Resp: 221797

Ion Ratio Lower Upper

43 100

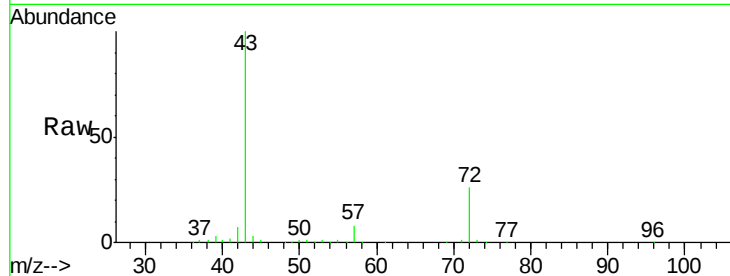
72 26.0 20.3 30.5

Manual Integrations

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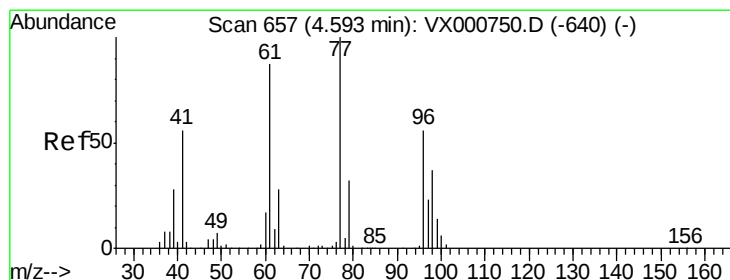
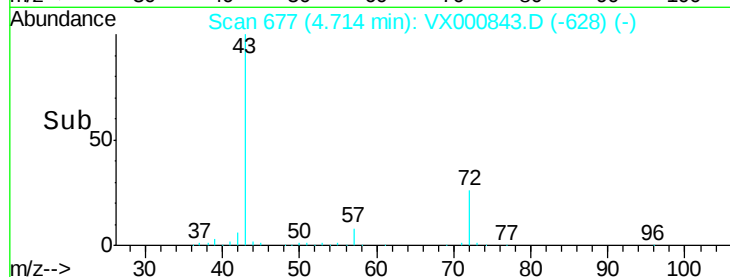
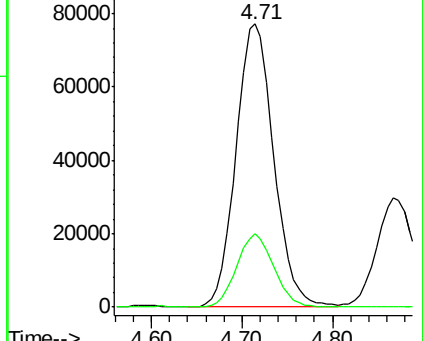
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.47 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000843.D

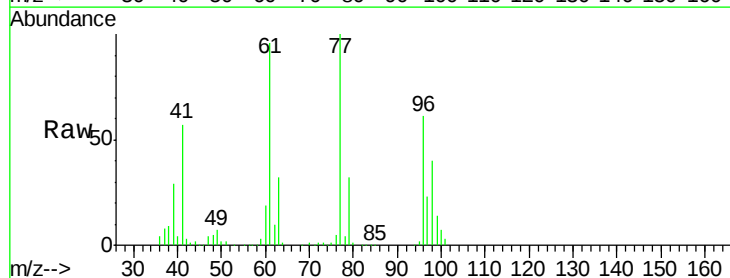
Acq: 13 Apr 2018 12:14

Tgt Ion: 77 Resp: 100227

Ion Ratio Lower Upper

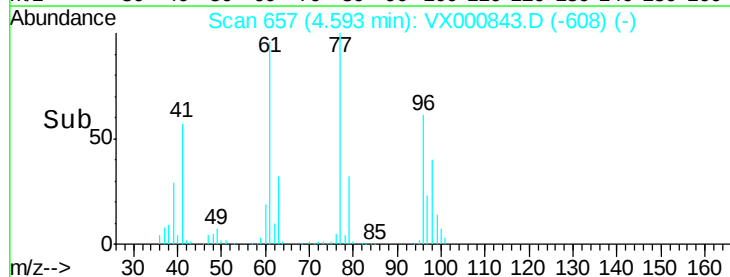
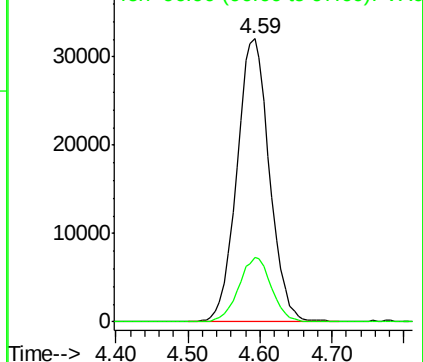
77 100

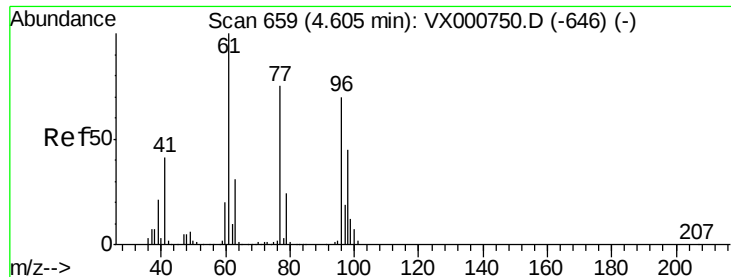
97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 22.15 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

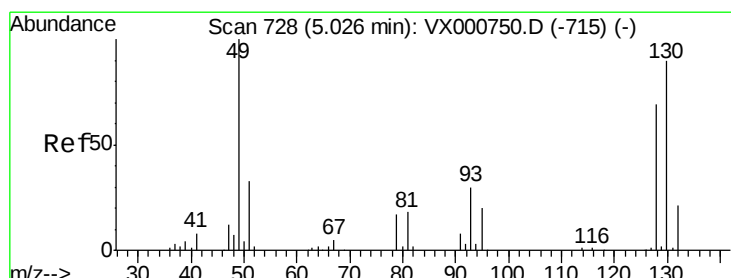
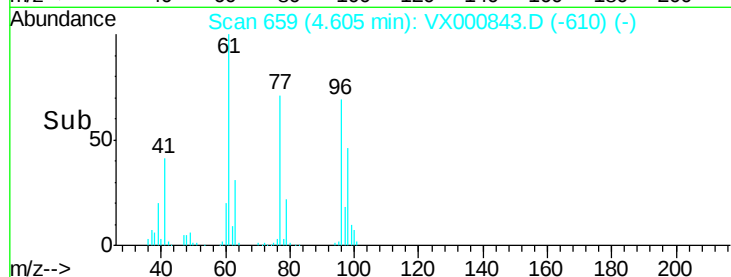
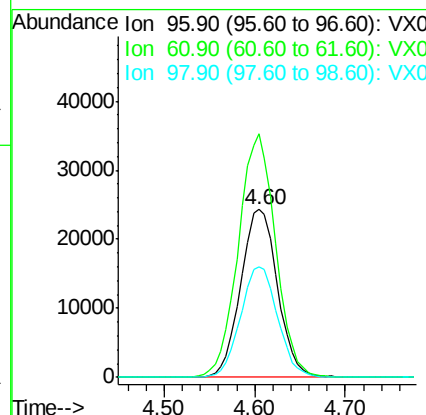
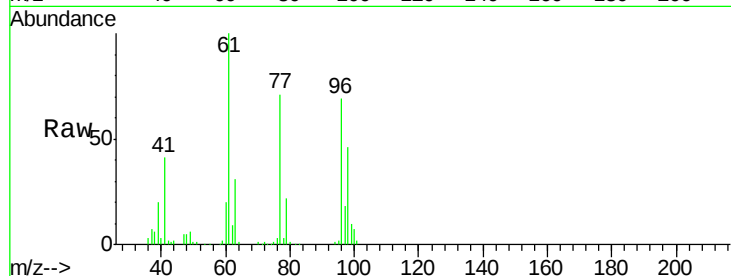
ClientSampleId :

VX0413WBS01

Tot Ion:	96	Resp:	68393
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	292.4
98	66.3	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 19.13 ug/l

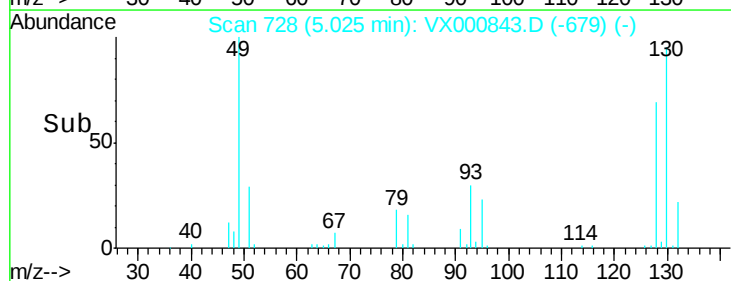
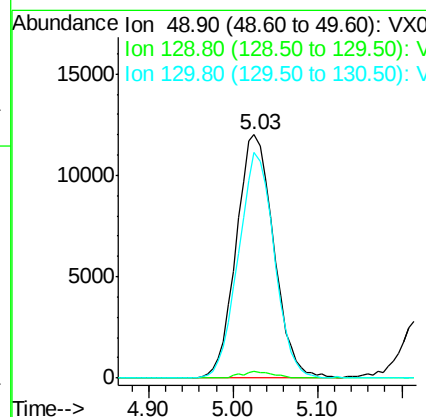
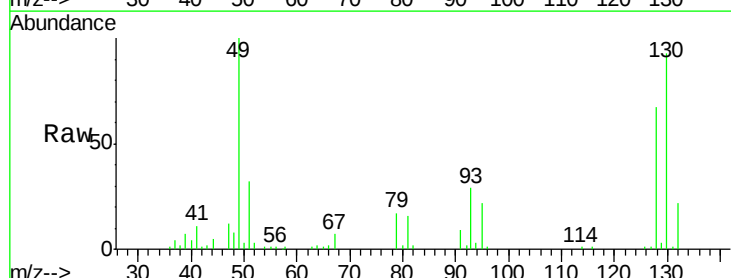
RT: 5.03 min Scan# 728

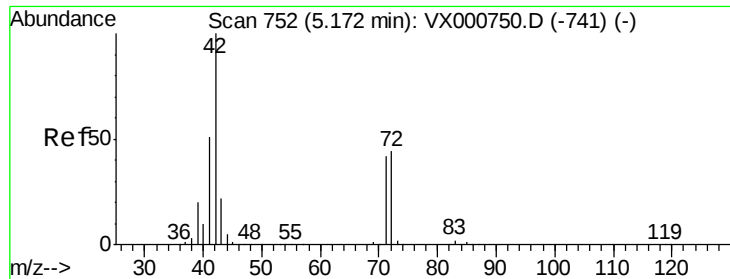
Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion:	49	Resp:	36239
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	88.6	72.6	109.0





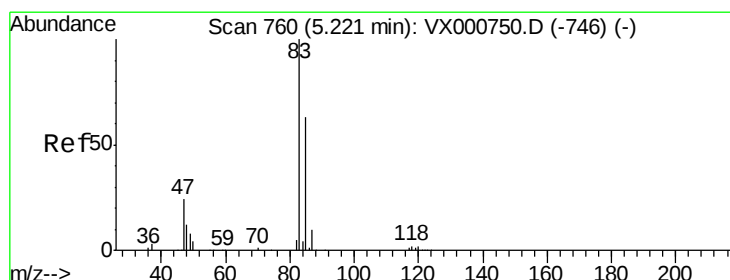
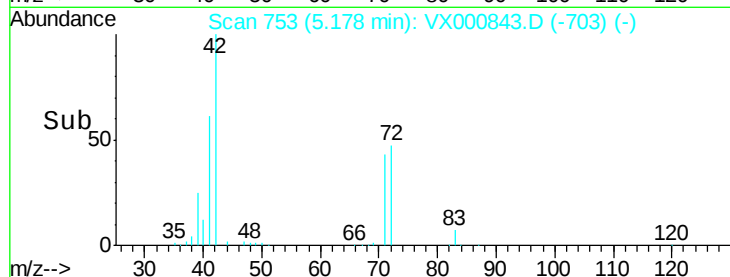
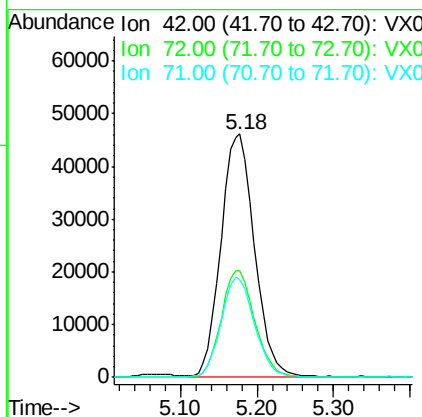
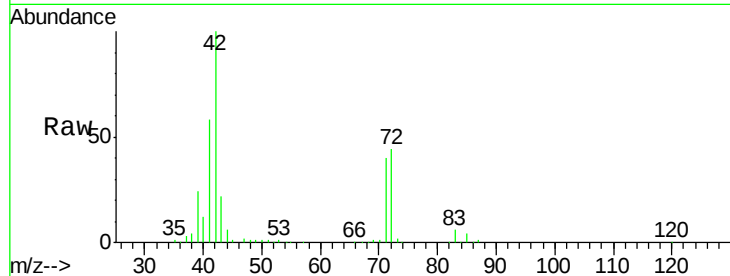
#29
Tetrahydrofuran
Concen: 113.42 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.1	52.7
71	41.3	32.8	49.2

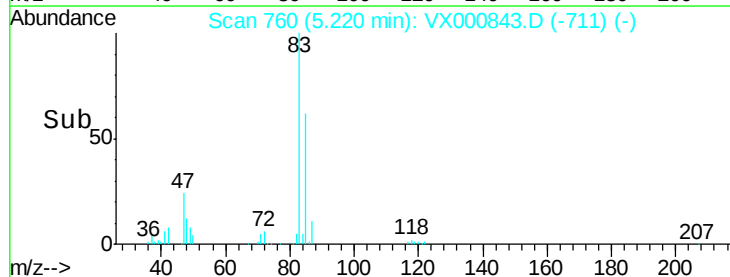
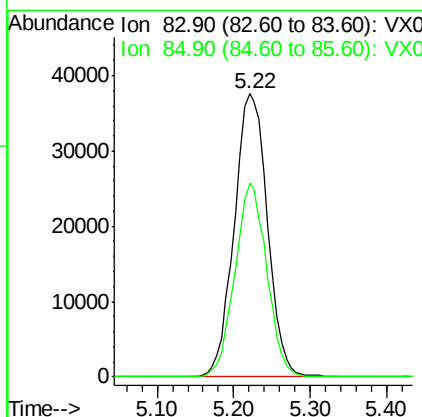
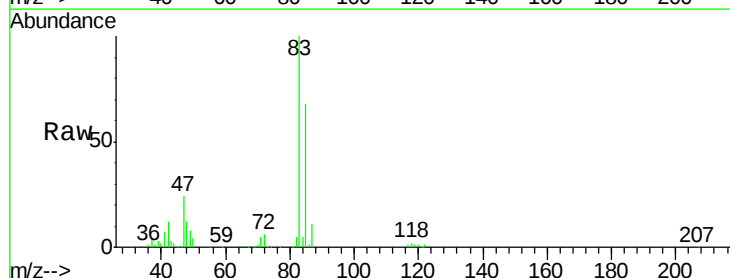
Manual Integrations
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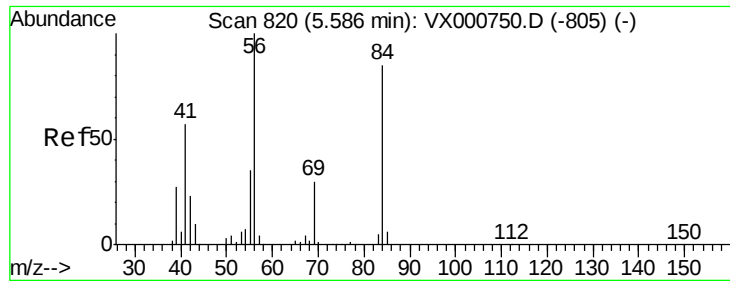
MMDadoda
4/16/2018 12:59:55 PM



#30
Chloroform
Concen: 22.68 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.3	50.7	76.1





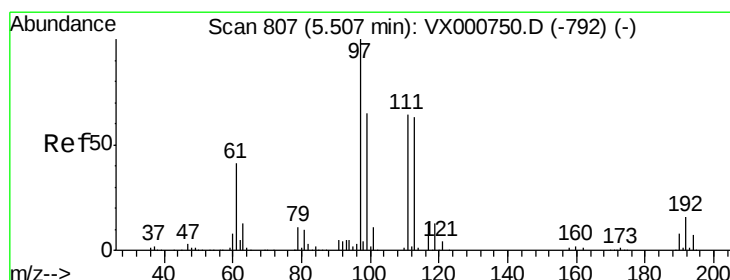
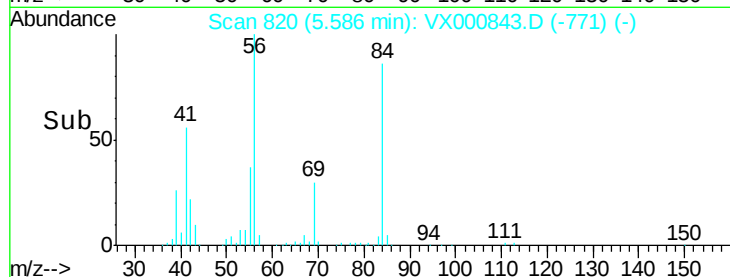
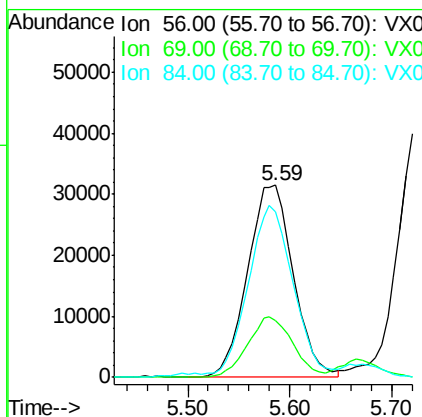
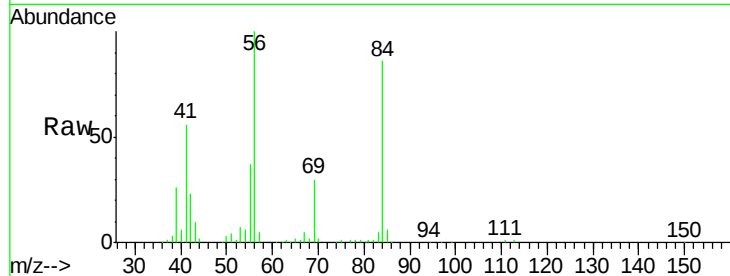
#31
Cyclohexane
Concen: 21.84 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.2	36.4
84	84.7	67.6	101.4

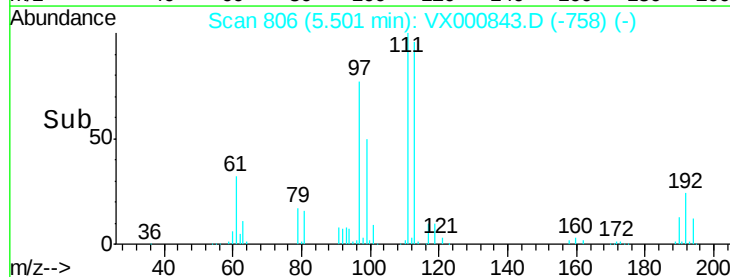
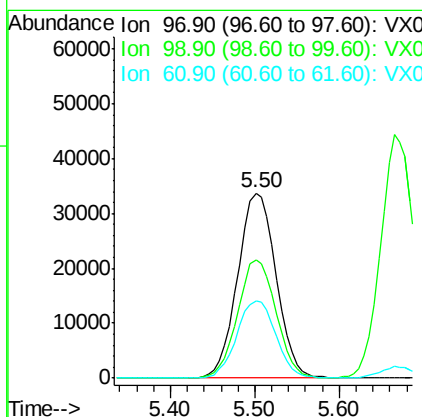
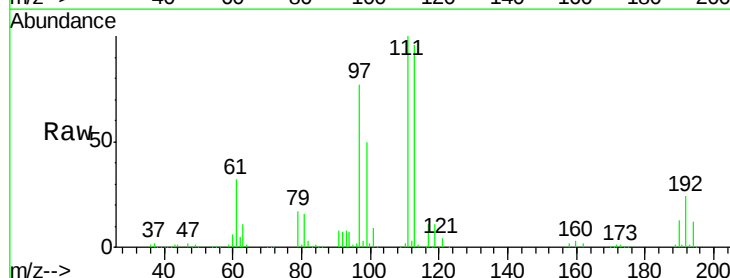
Manual Integrations
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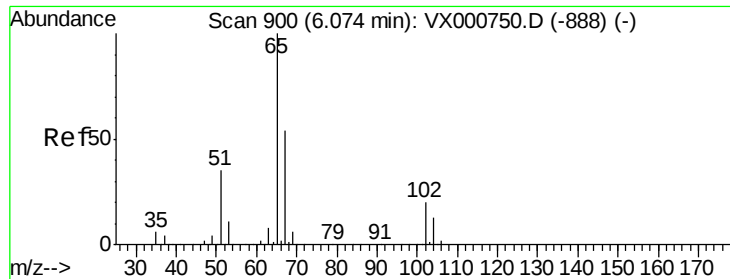
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 21.97 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	42.5	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 47.39 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tot Ion: 65 Resp: 160600

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.8

Instrument :

MSVOA_X

ClientSampleId :

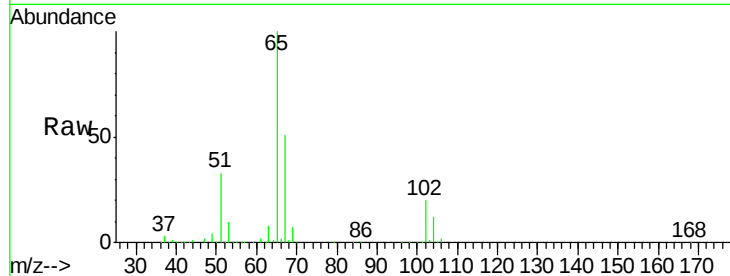
VX0413WBS01

Manual Integrations

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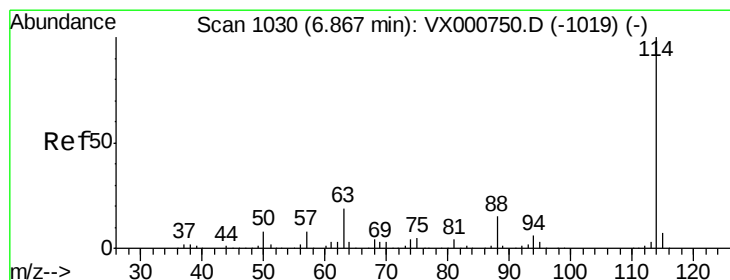
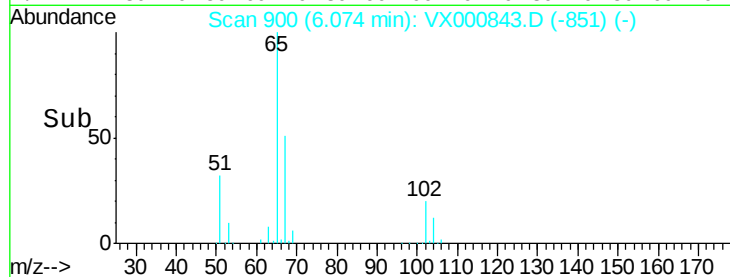
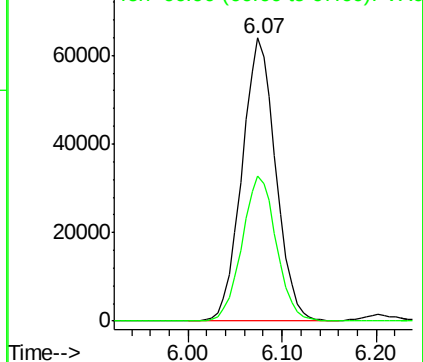
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

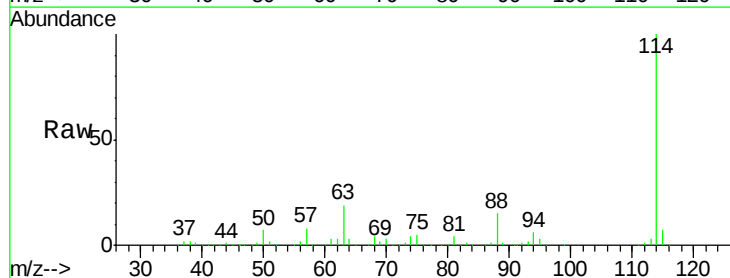
Tgt Ion: 114 Resp: 356415

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

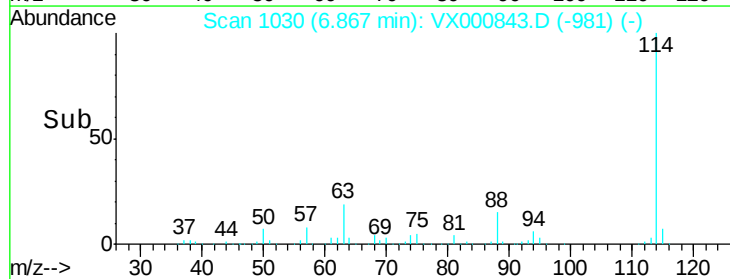
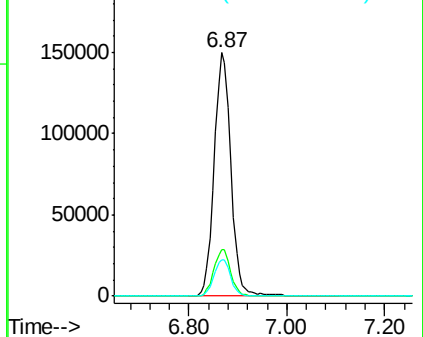
88 15.0 0.0 31.0

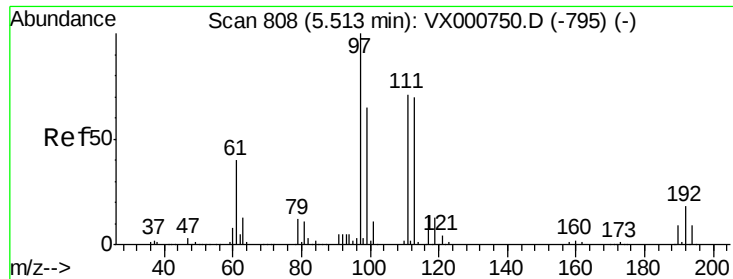


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





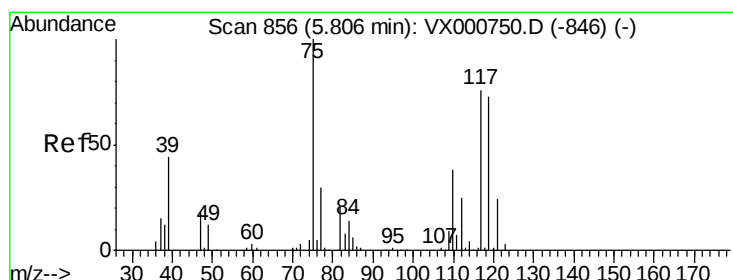
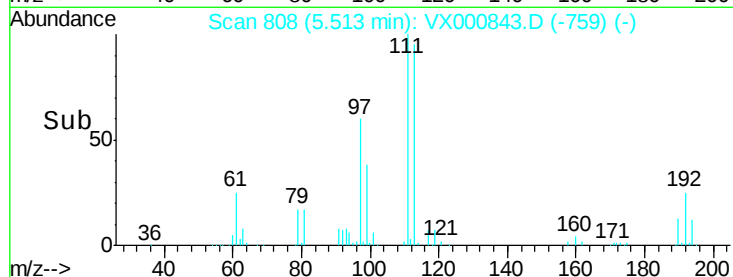
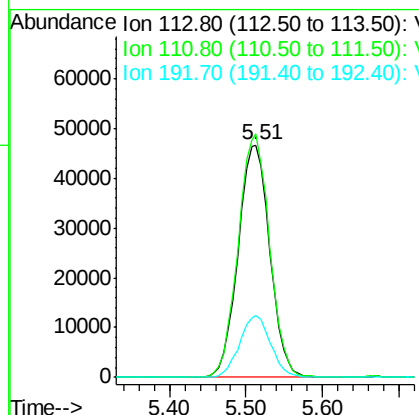
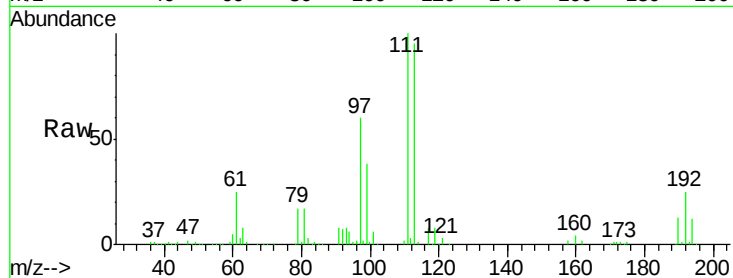
#35
 Dibromofluoromethane
 Concen: 48.84 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134122		
111	103.5	81.5	122.3	
192	26.0	20.4	30.6	

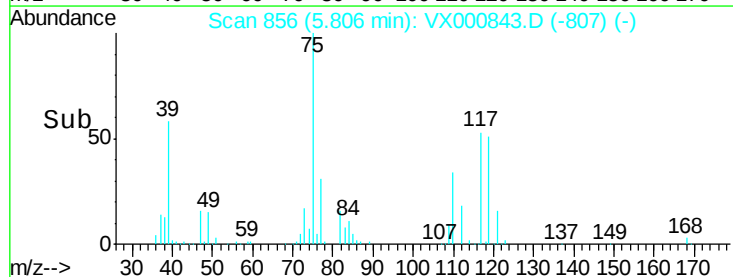
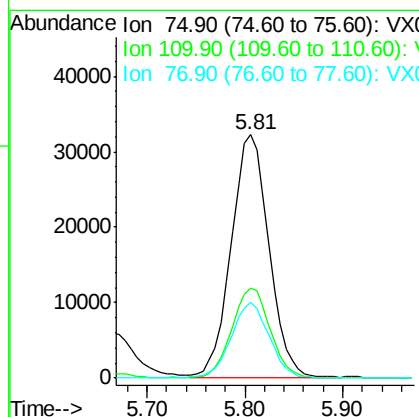
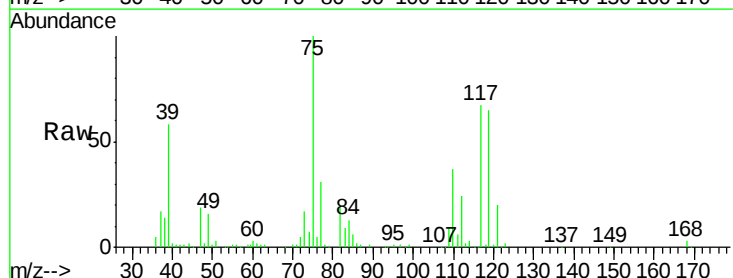
Manual Integrations
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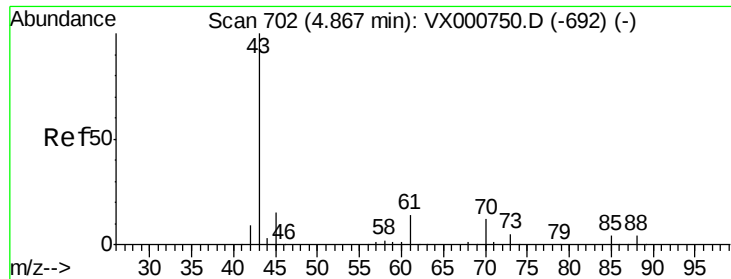
MMDadoda
 4/16/2018 12:59:55 PM



#36
 1,1-Dichloropropene
 Concen: 21.89 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85927		
110	37.9	19.2	57.6	
77	31.9	25.4	38.2	





#37

Ethyl Acetate

Concen: 22.83 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

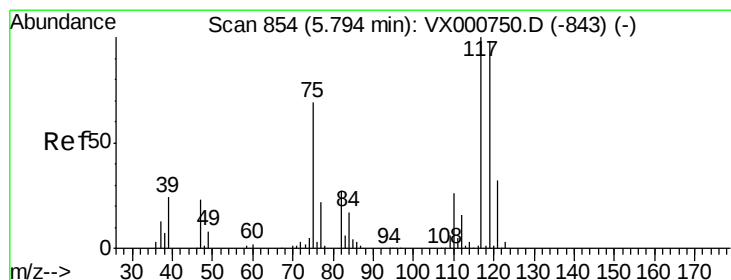
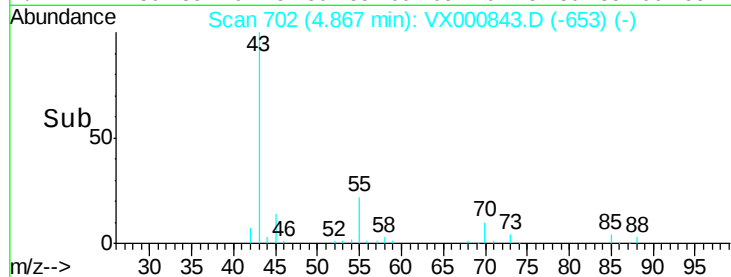
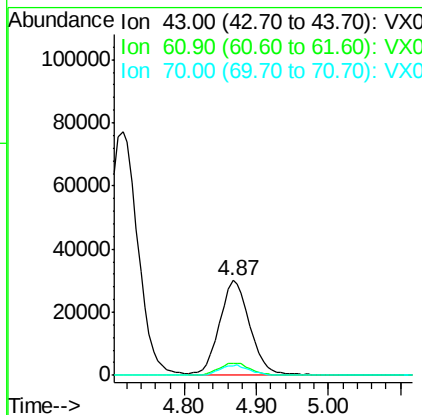
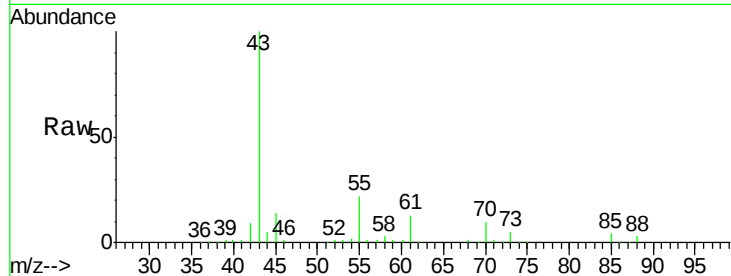
ClientSampleId :

VX0413WBS01

Tot Ion:	43	Resp:	87479
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.6	8.7	13.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 21.09 ug/l

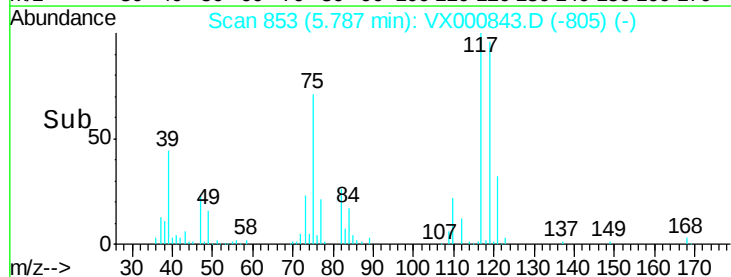
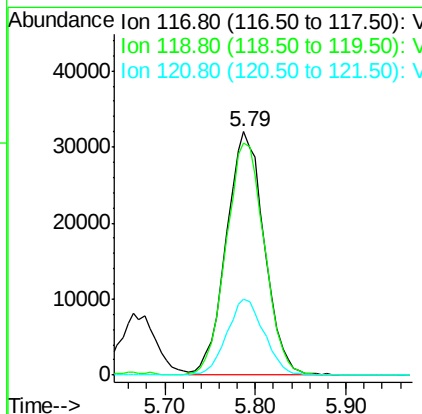
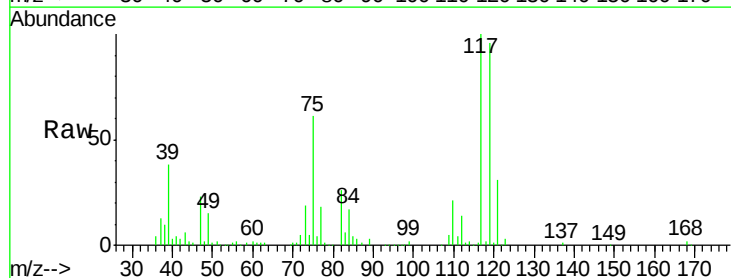
RT: 5.79 min Scan# 853

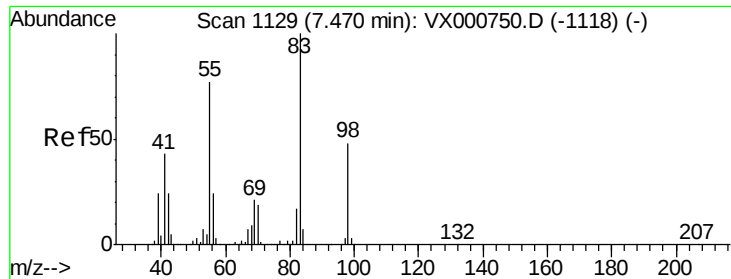
Delta R.T. -0.01 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion:	117	Resp:	92662
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.4	117.6
121	31.5	25.4	38.0





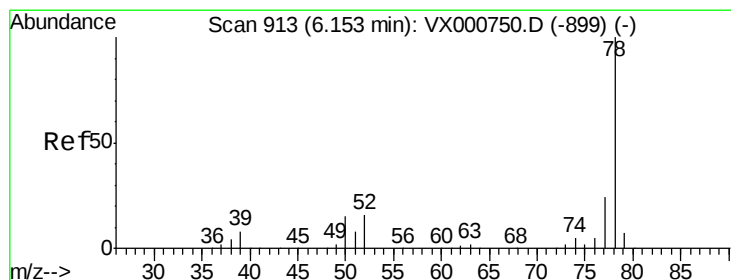
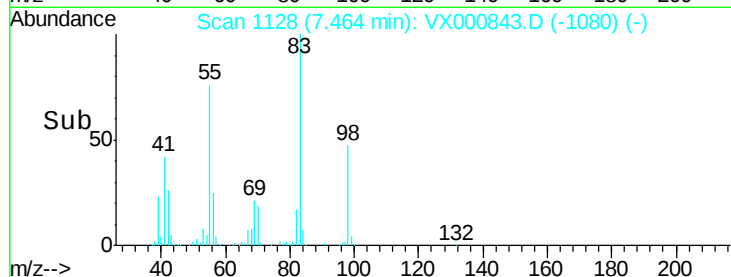
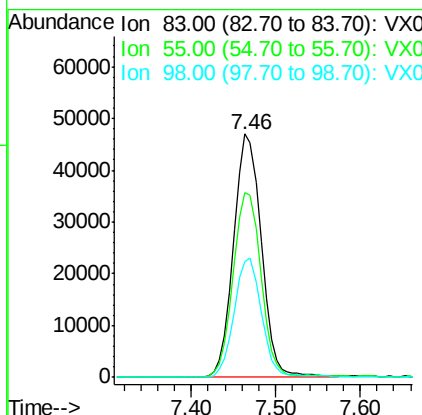
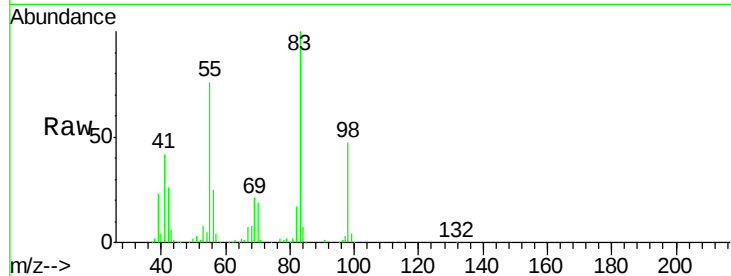
#39
Methvlcvclohexane
Concen: 22.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	105115		
55	75.7		61.5	92.3
98	47.3		38.1	57.1

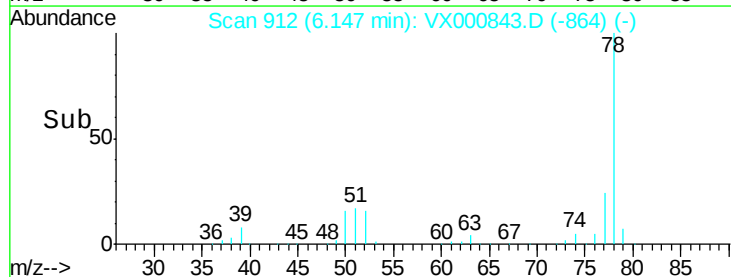
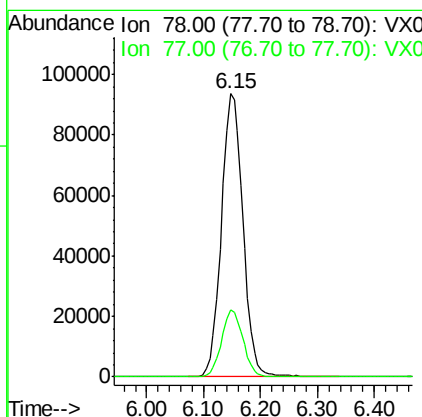
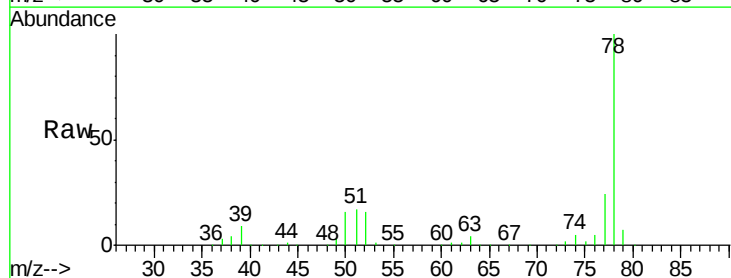
Manual Integrations
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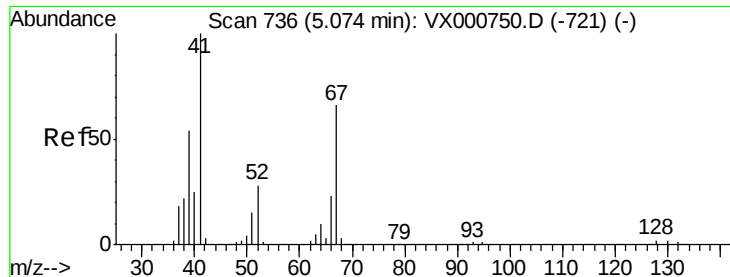
MMDadoda
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#40
Benzene
Concen: 22.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	246465		
77	23.8		19.0	28.6





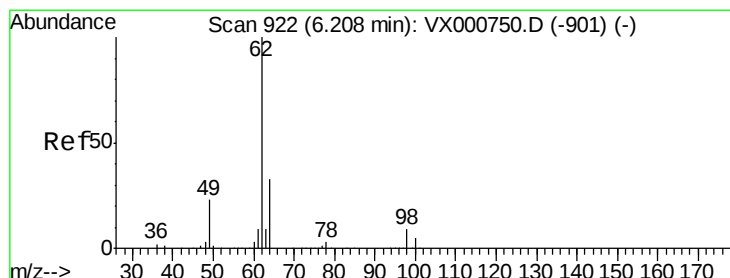
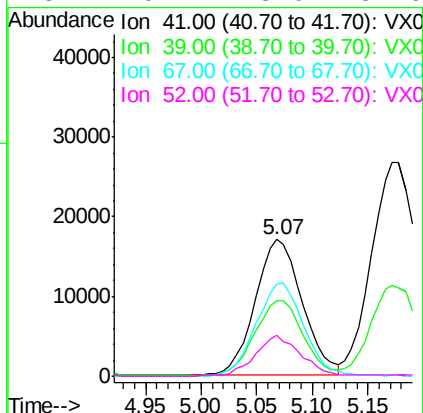
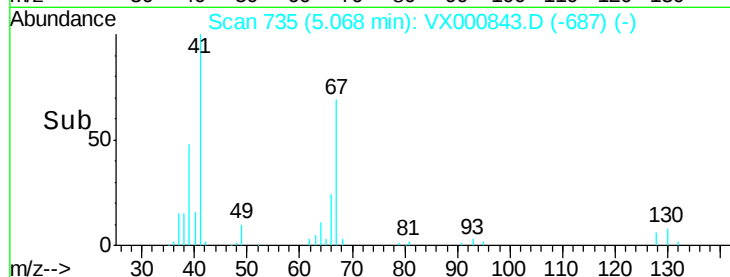
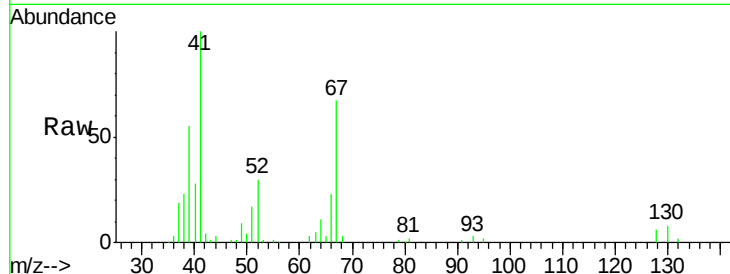
#41
Methacrylonitrile
Concen: 22.83 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	44.9	67.3	
67	69.4	54.7	82.1	
52	29.4	23.0	34.6	

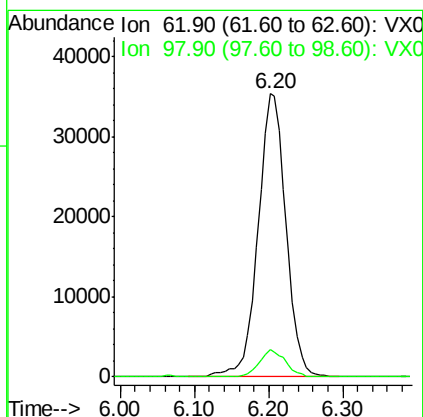
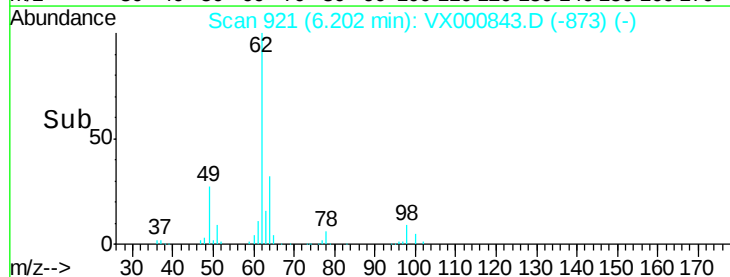
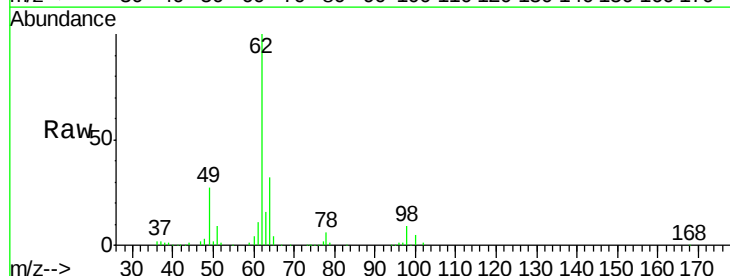
Manual Integrations
APPROVED

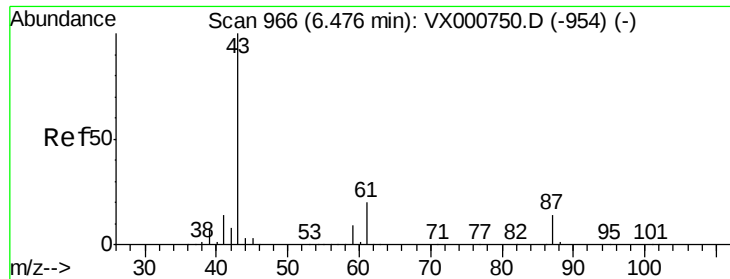
MMDadoda
4/16/2018 12:59:55 PM



#42
1,2-Dichloroethane
Concen: 22.71 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.6	





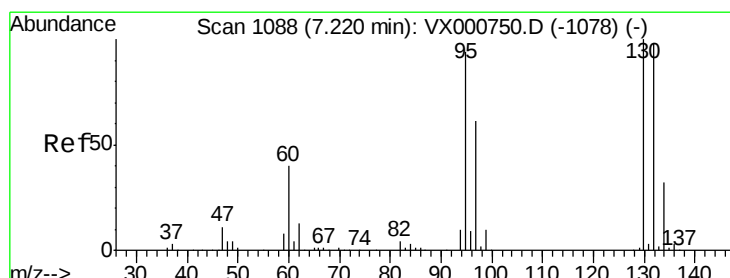
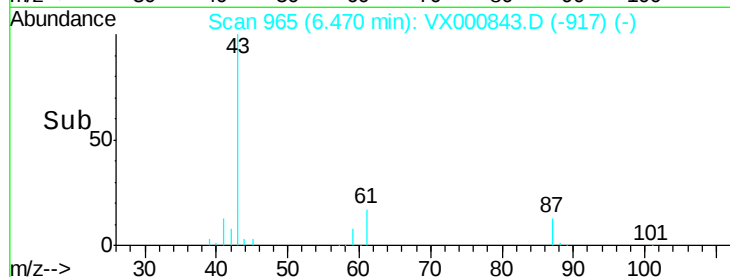
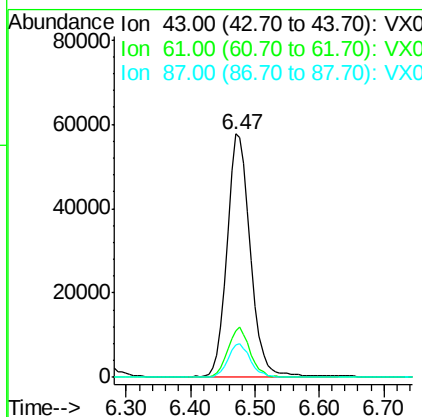
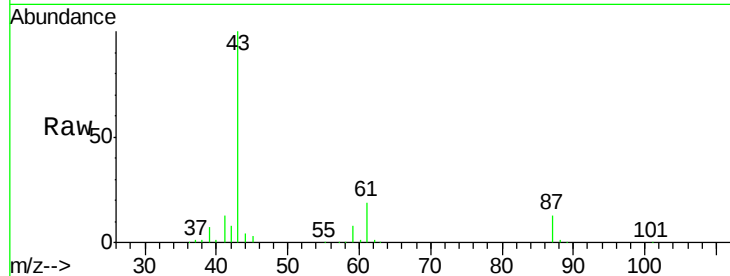
#43
Isopropyl Acetate
Concen: 22.40 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.6	23.4
87	13.3	10.7	16.1

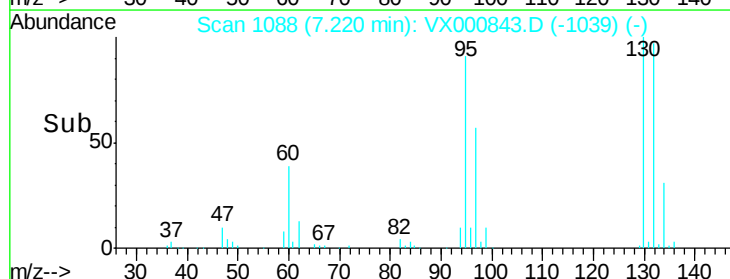
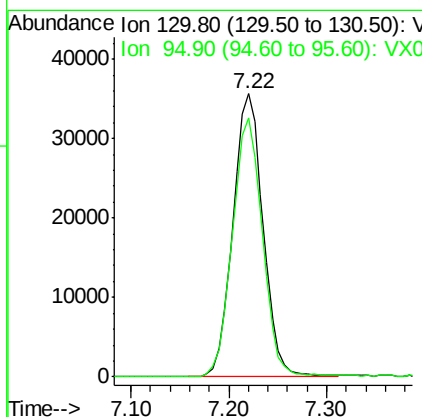
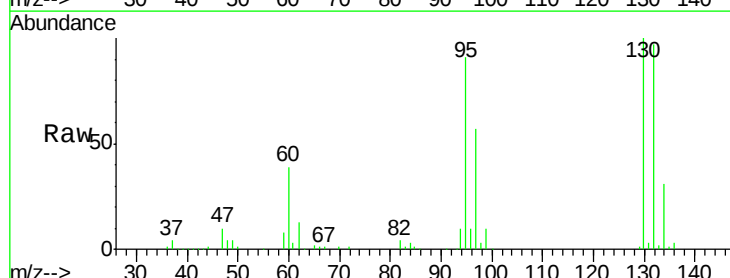
Manual Integrations
APPROVED

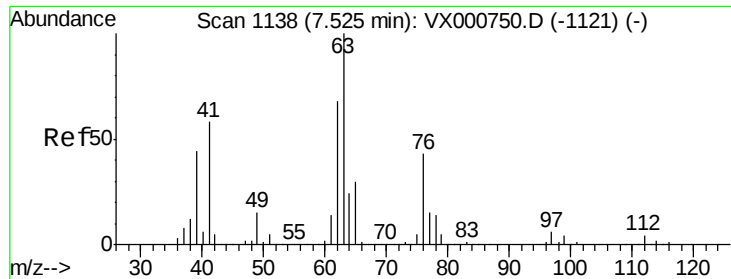
MMDadoda
4/16/2018 12:59:55 PM



#44
Trichloroethene
Concen: 22.50 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	187.0





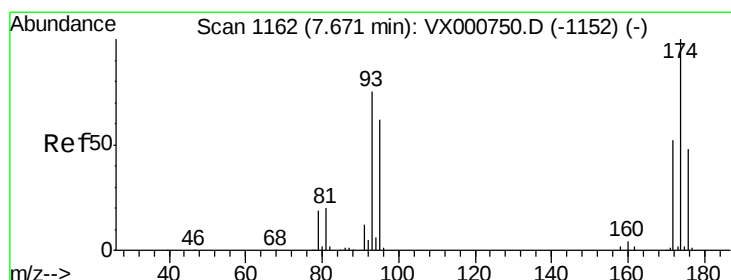
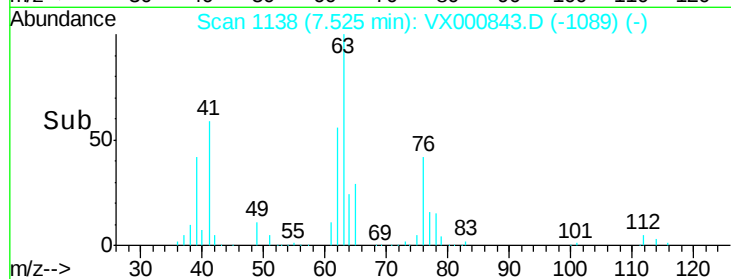
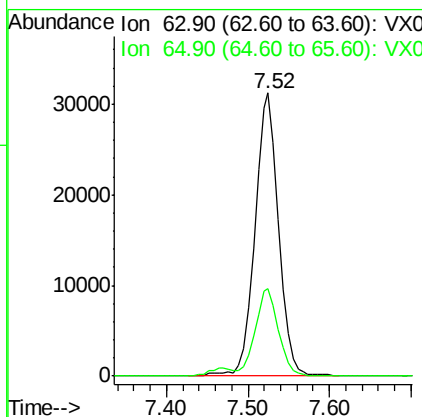
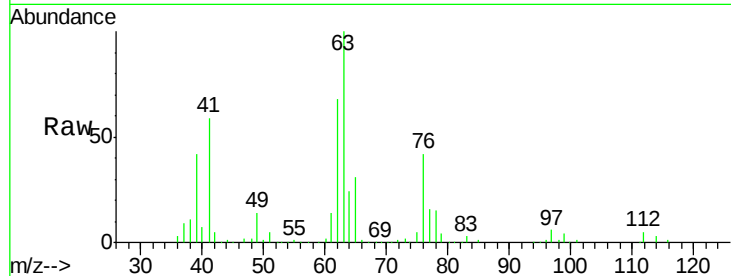
#45
 1,2-Dichloropropane
 Concen: 22.79 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion: 63 Resp: 63296
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.7 35.5

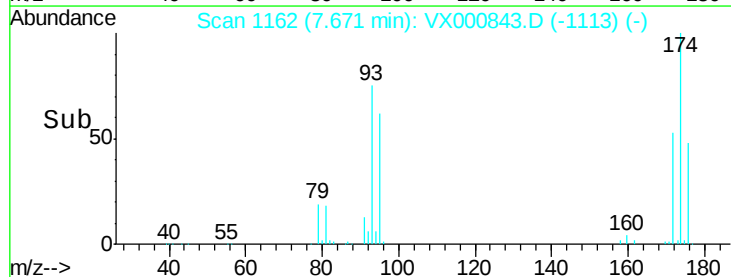
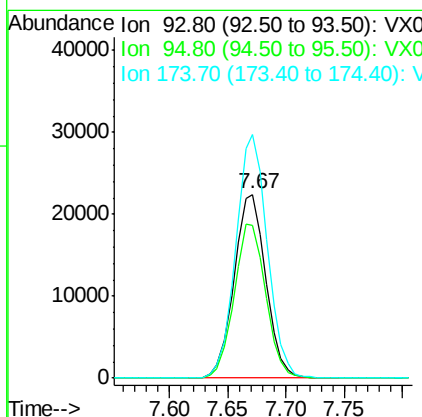
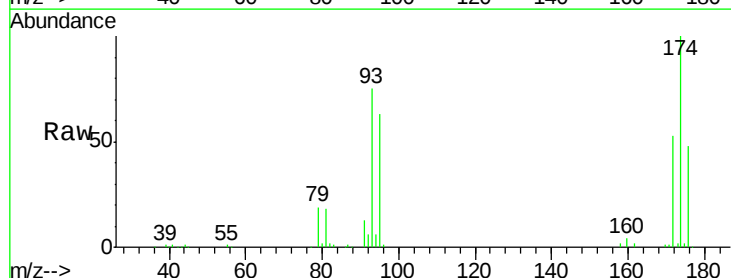
Manual Integrations
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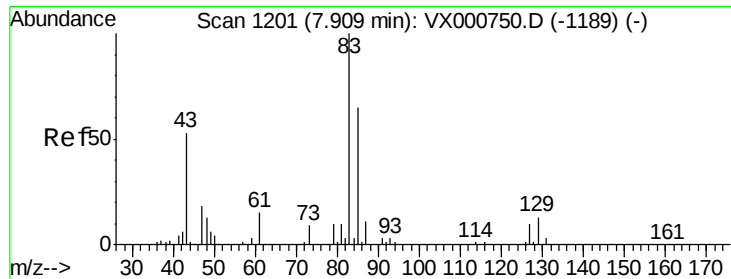
MMDadoda
 4/16/2018 12:59:55 PM



#46
 Dibromomethane
 Concen: 22.04 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion: 93 Resp: 42680
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 131.3 104.5 156.7





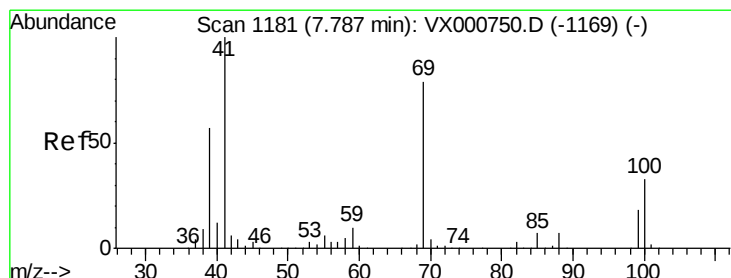
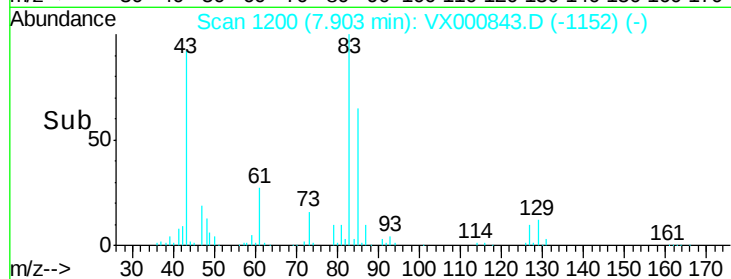
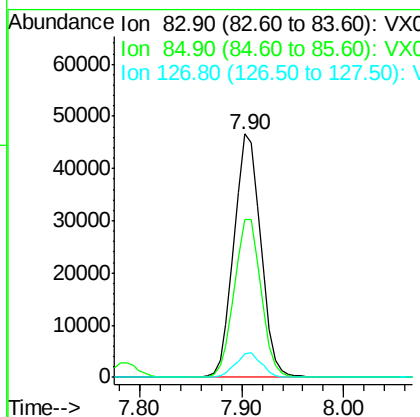
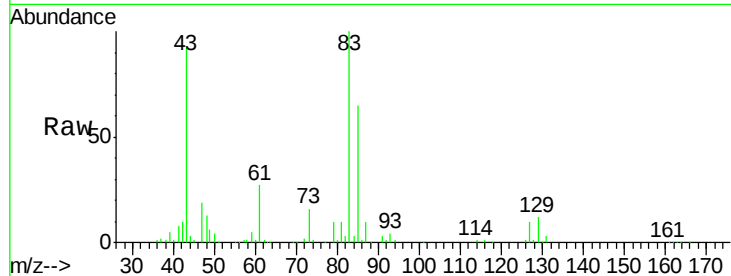
#47
 Bromodichloromethane
 Concen: 21.64 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	83	Resp	84584
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	52.2	78.4
127	9.6	7.8	11.8

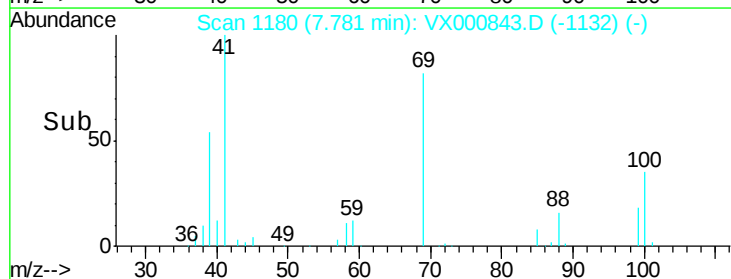
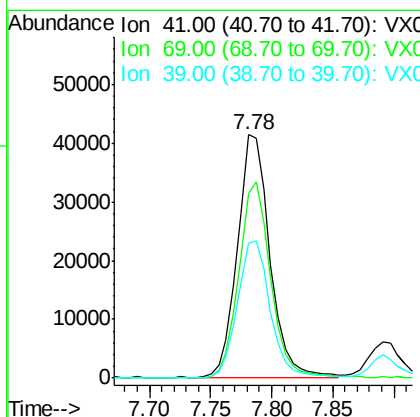
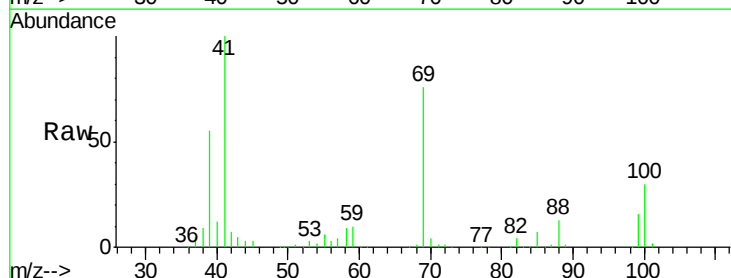
Manual Integrations
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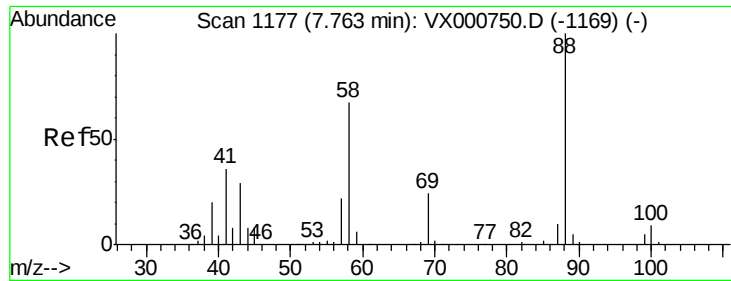
MMDadoda
 4/16/2018 12:59:55 PM



#48
 Methyl methacrylate
 Concen: 22.34 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion	41	Resp	76062
Ion Ratio	100	Lower	Upper
41	100		
69	80.4	63.9	95.9
39	57.0	45.9	68.9





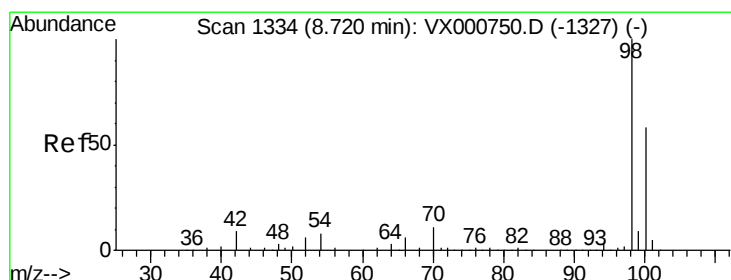
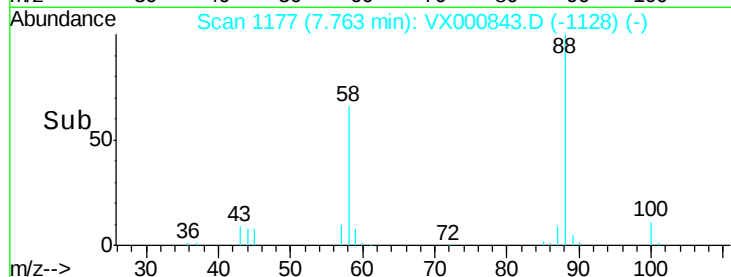
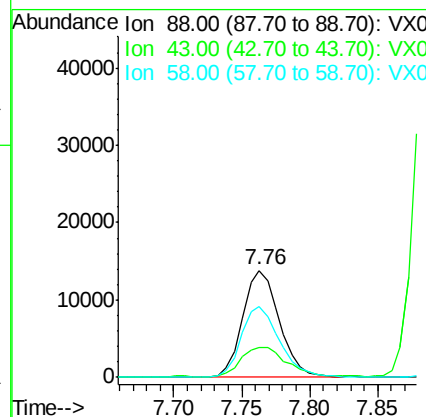
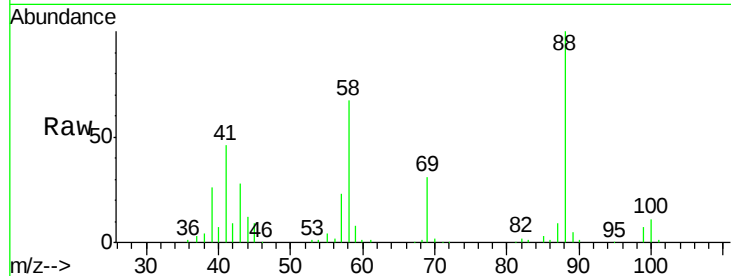
#49
1,4-Dioxane
Concen: 380.43 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	25.8	38.8
58	69.5	54.4	81.6

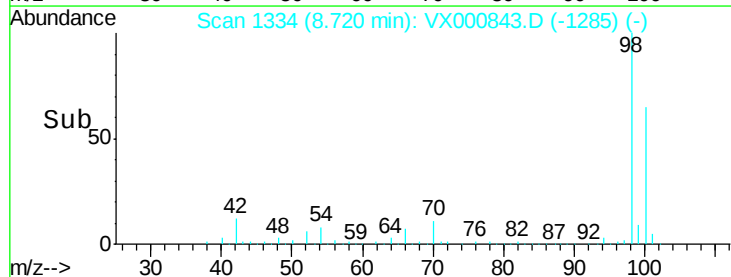
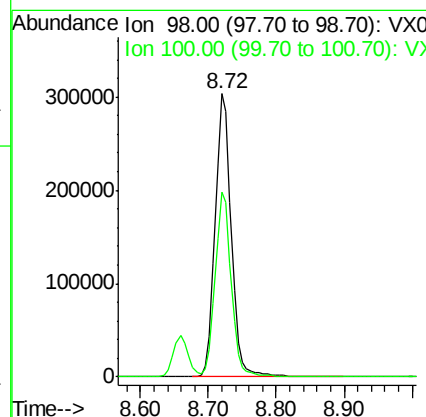
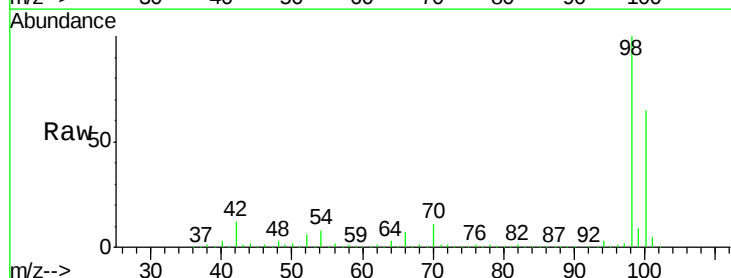
Manual Integrations
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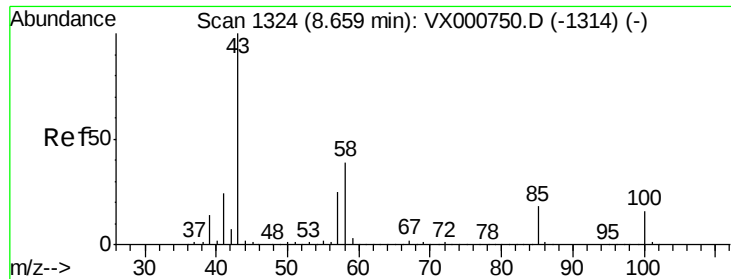
MMDadoda
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#50
Toluene-d8
Concen: 48.84 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 117.17 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 43 Resp: 452185

Ion Ratio Lower Upper

43 100

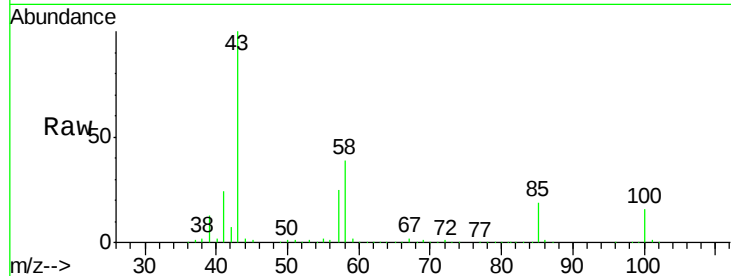
58 37.5 30.3 45.5

Manual Integrations

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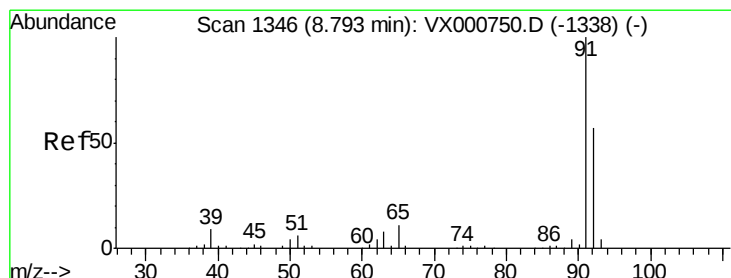
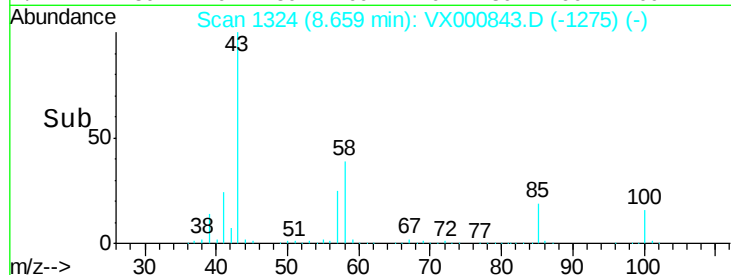
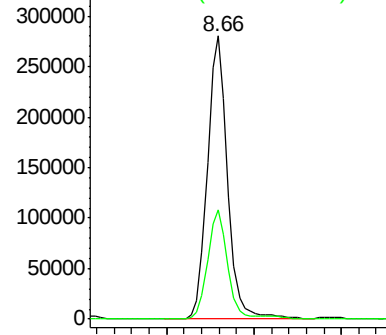
MMDadoda

4/16/2018 12:59:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 22.57 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000843.D

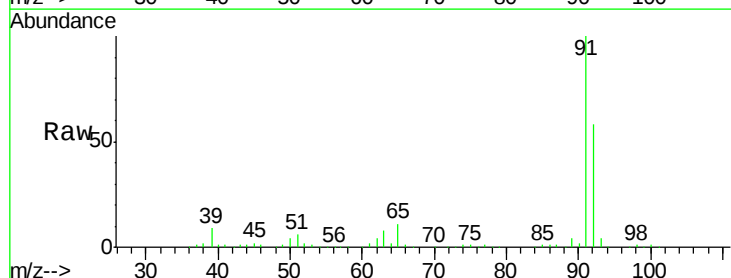
Acq: 13 Apr 2018 12:14

Tgt Ion: 92 Resp: 163347

Ion Ratio Lower Upper

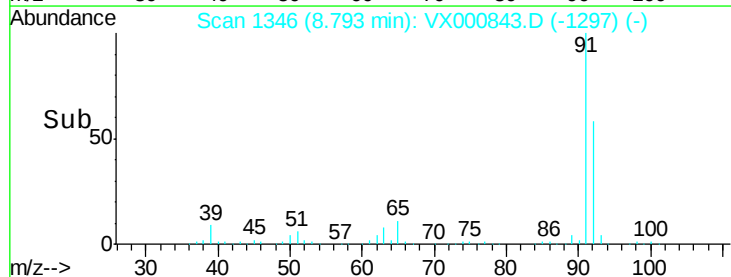
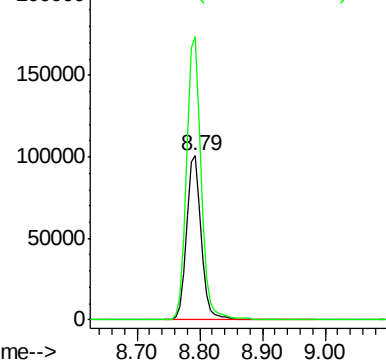
92 100

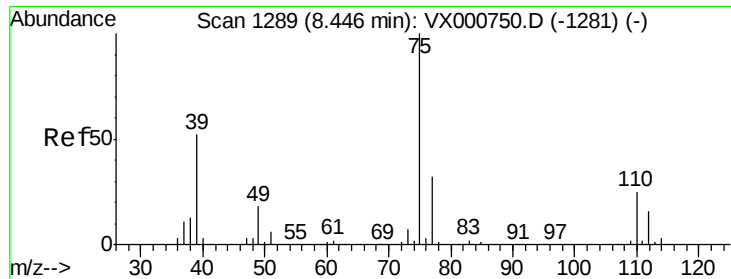
91 172.3 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





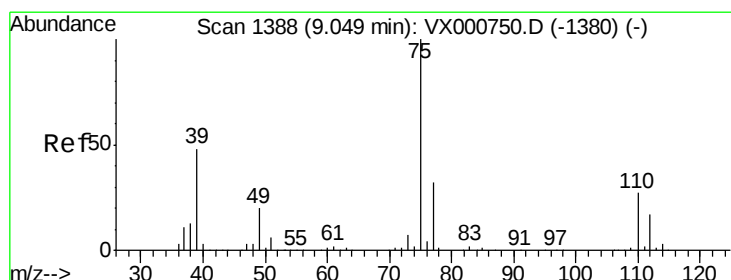
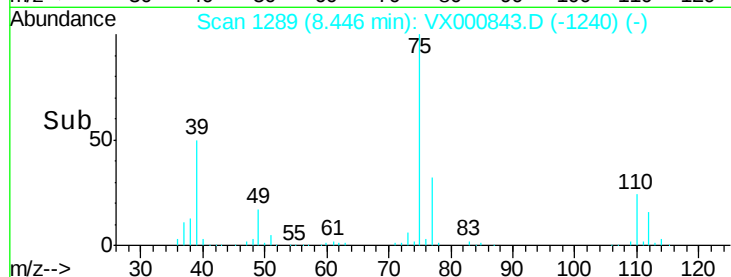
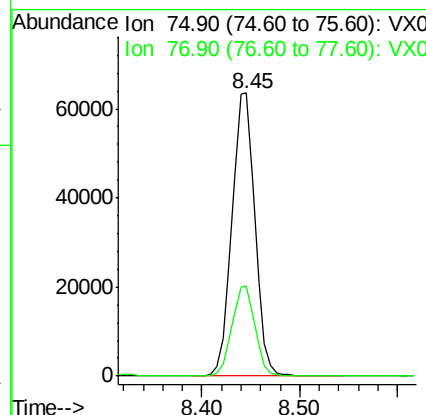
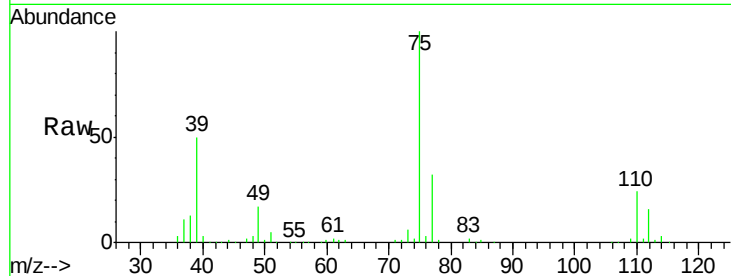
#53
t-1,3-Dichloropropene
Concen: 22.13 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion: 75 Resp: 103728
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

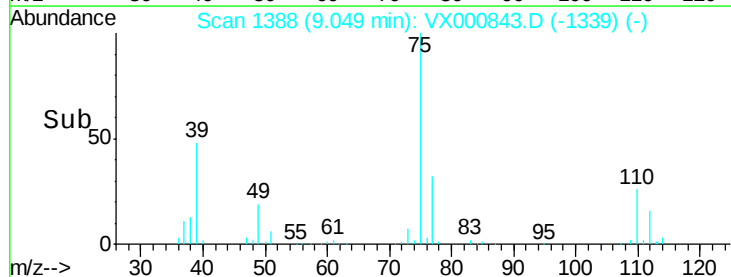
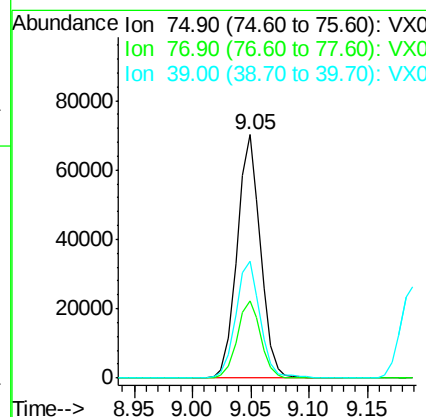
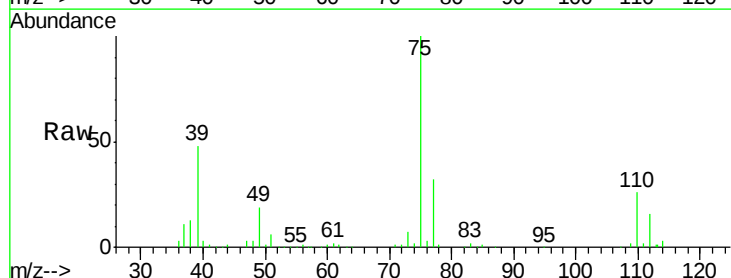
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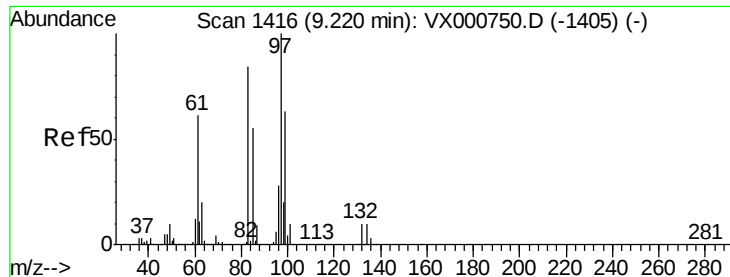
MMDadoda
4/16/2018 12:59:55 PM



#54
cis-1,3-Dichloropropene
Concen: 21.49 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion: 75 Resp: 98094
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 47.7 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 22.80 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

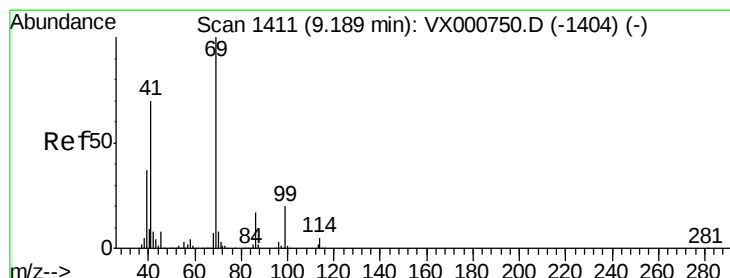
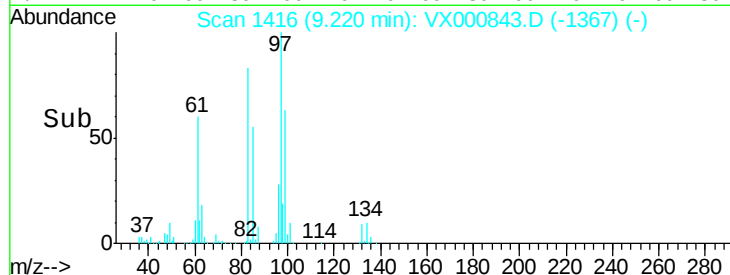
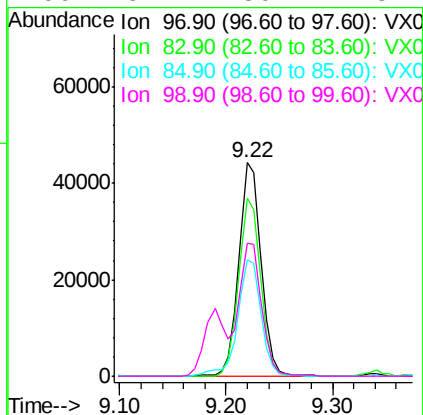
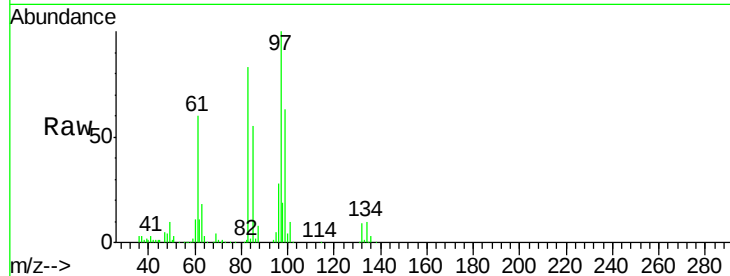
ClientSampleId :

VX0413WBS01

Tot Ion:	97	Resp:	65494
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.6	101.4
85	54.7	43.8	65.6
99	62.4	50.2	75.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 22.36 ug/l

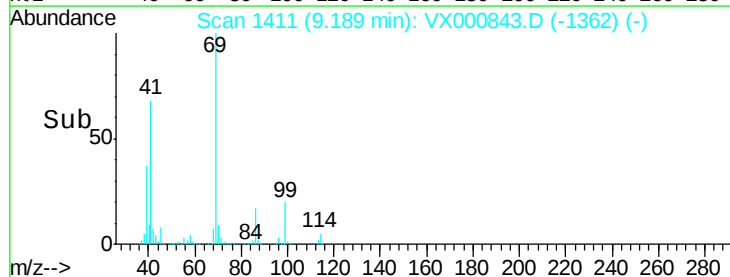
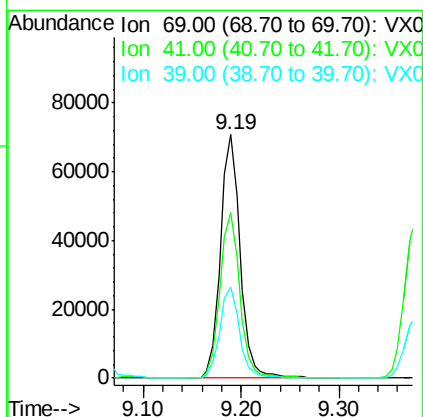
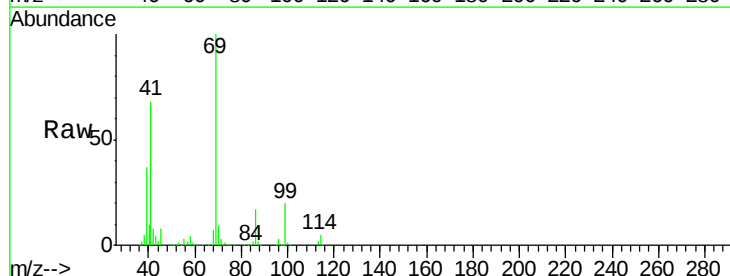
RT: 9.19 min Scan# 1411

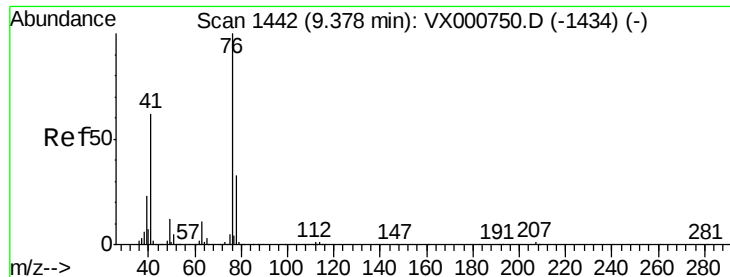
Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion:	69	Resp:	99076
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.6	83.4
39	37.4	30.3	45.5





#57

1,3-Dichloropropane

Concen: 23.23 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 76 Resp: 106102

Ion Ratio Lower Upper

76 100

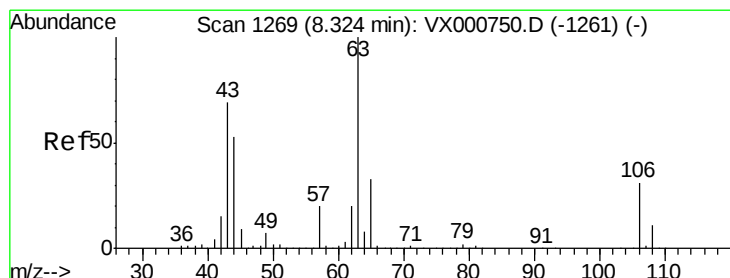
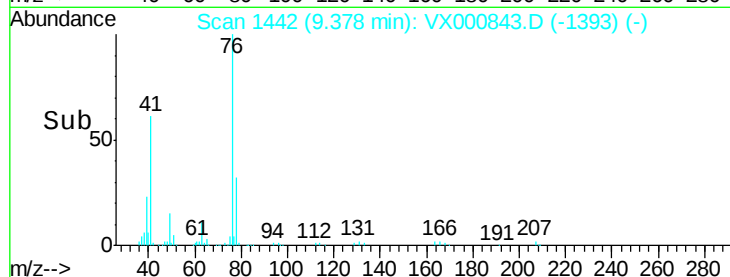
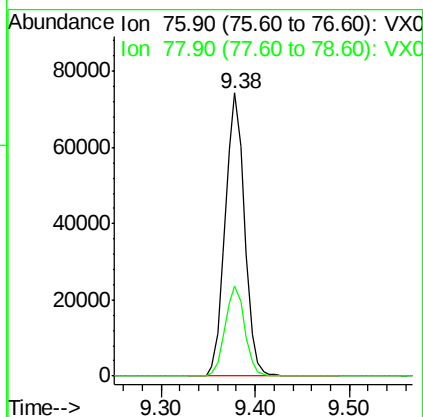
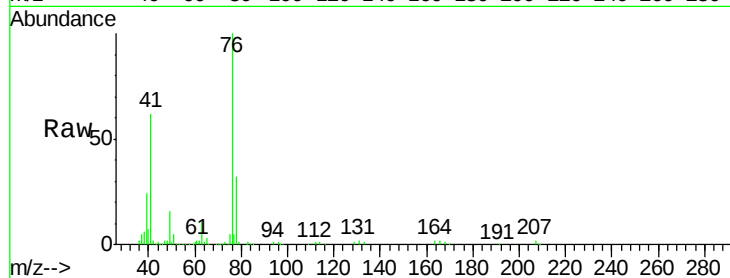
78 32.2 25.8 38.6

Manual Integrations

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4/16/2018 12:59:55 PM



#58

2-Chloroethyl Vinyl ether

Concen: 104.96 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000843.D

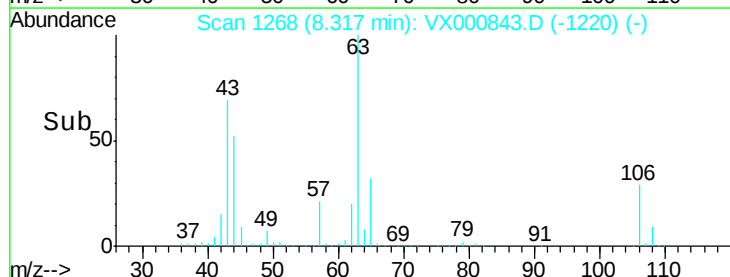
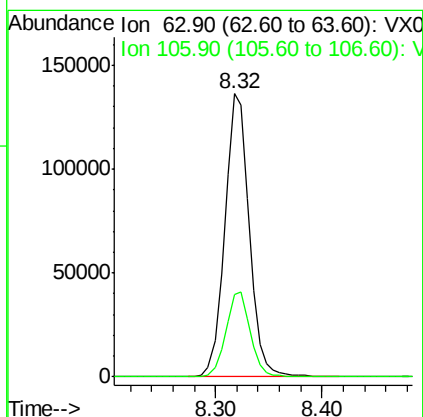
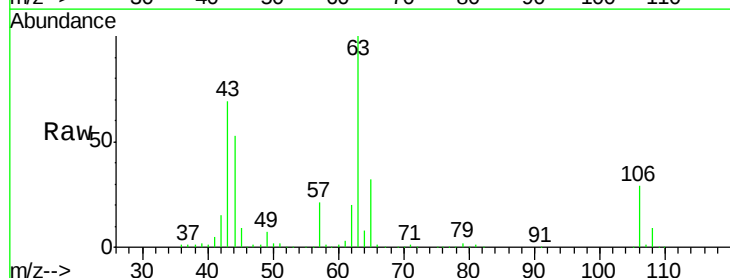
Acq: 13 Apr 2018 12:14

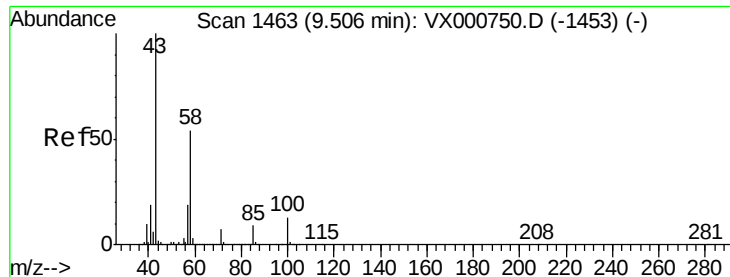
Tgt Ion: 63 Resp: 217293

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5





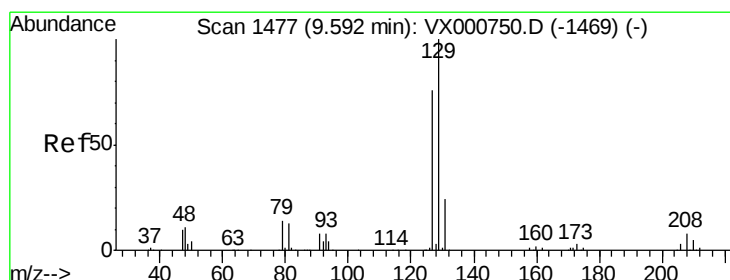
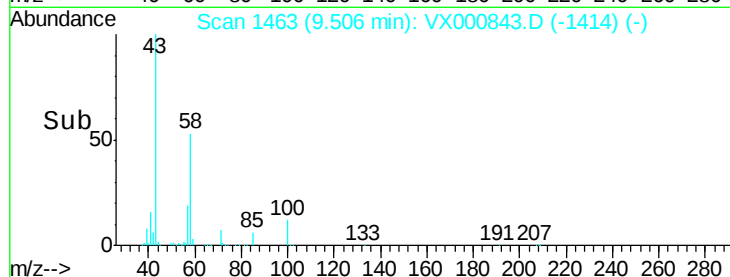
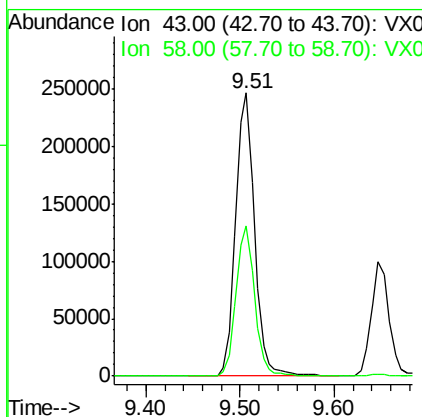
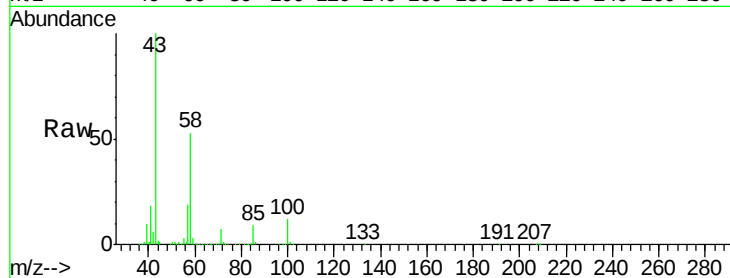
#59
2-Hexanone
Concen: 115.59 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.5	79.5

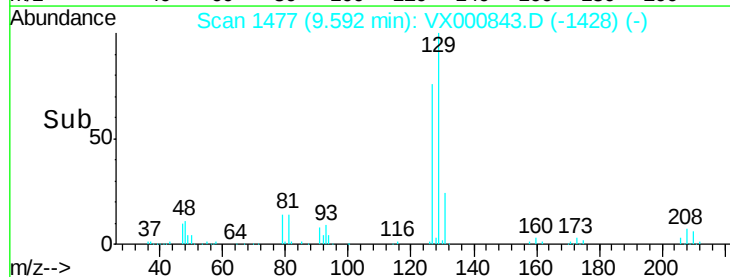
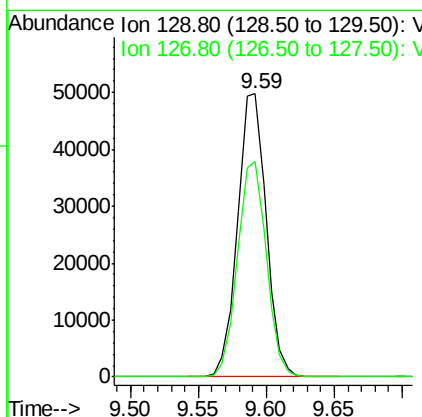
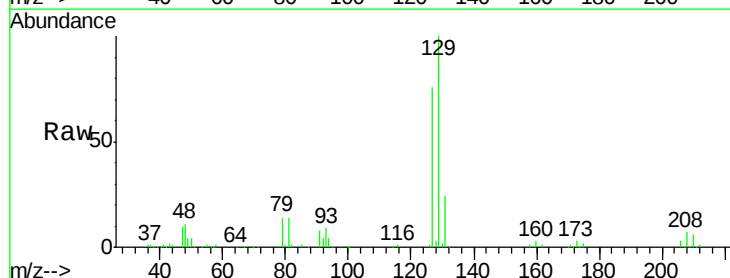
Manual Integrations
APPROVED

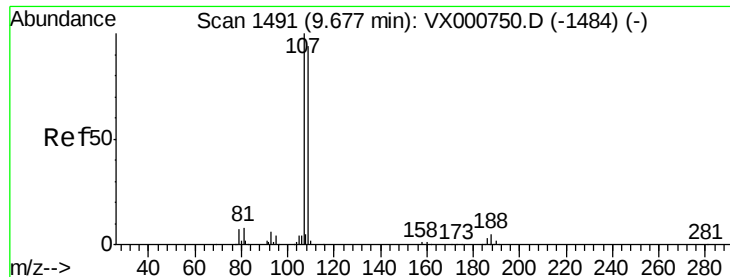
MMDadoda
4/16/2018 12:59:55 PM



#60
Dibromochloromethane
Concen: 21.27 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.4	115.1





#61

1,2-Dibromoethane

Concen: 22.80 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion:107 Resp: 69476

Ion Ratio Lower Upper

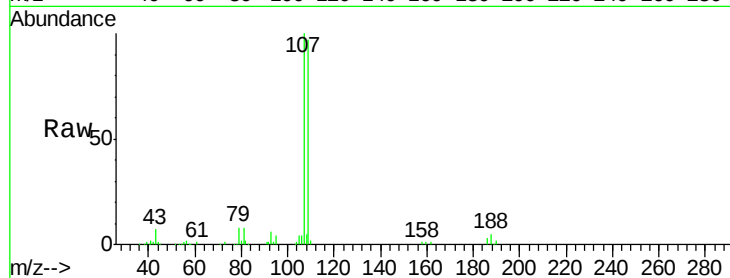
107 100

109 95.1 76.2 114.4

Manual Integrations
APPROVED

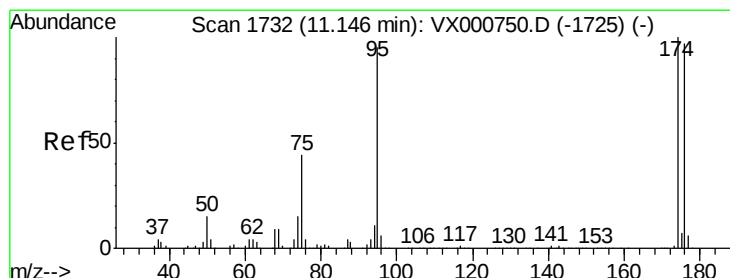
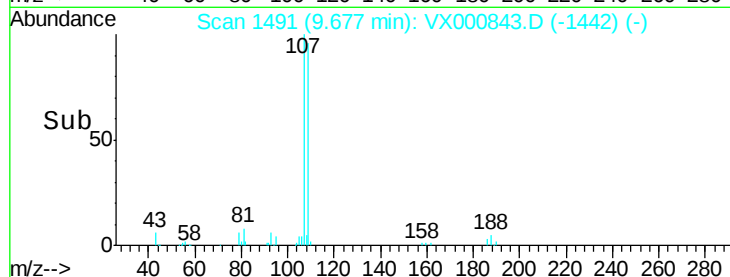
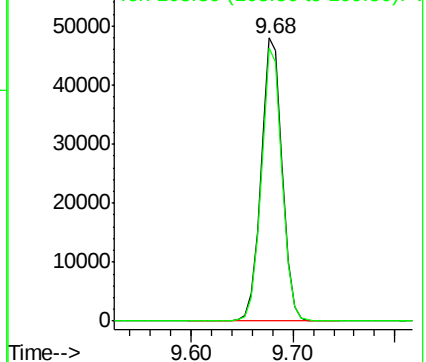
MMDadoda

4/16/2018 12:59:55 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.43 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

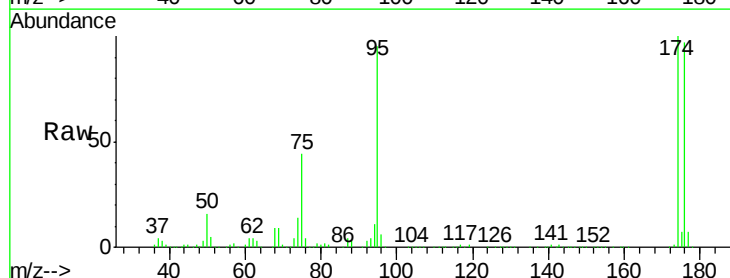
Tgt Ion: 95 Resp: 204862

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

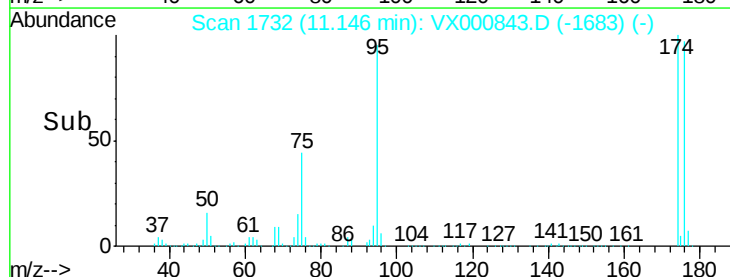
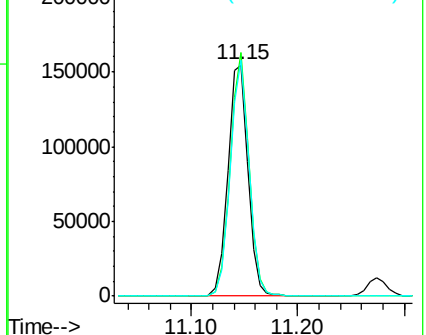
176 96.0 0.0 194.4

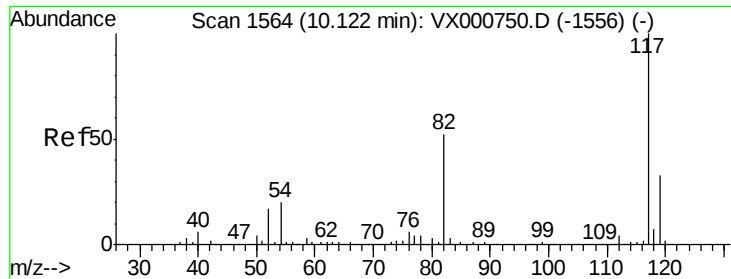


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





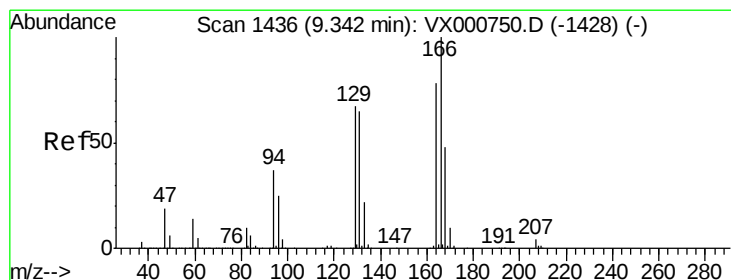
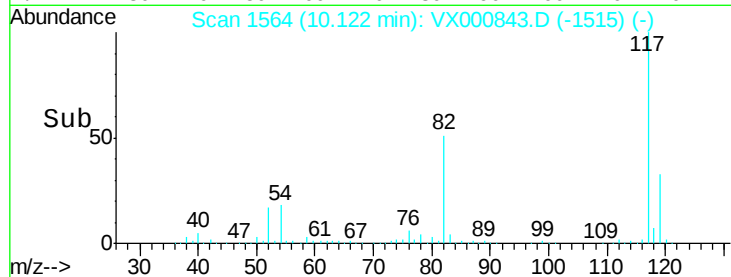
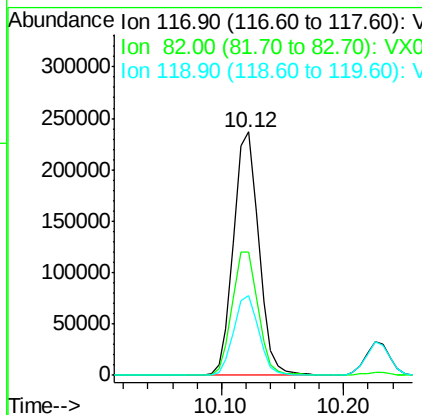
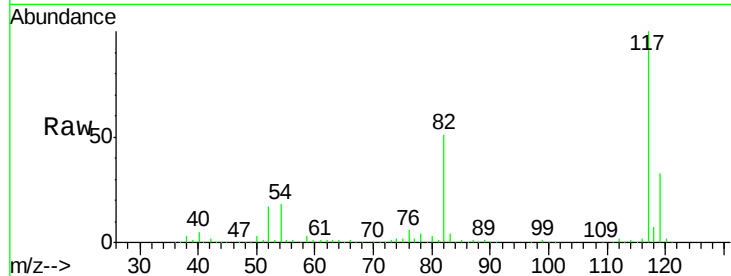
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.9	62.9
119	32.7	26.0	39.0

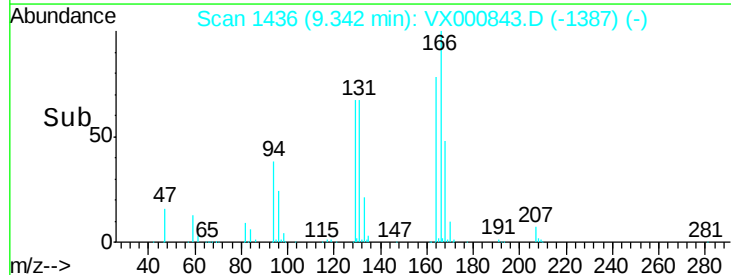
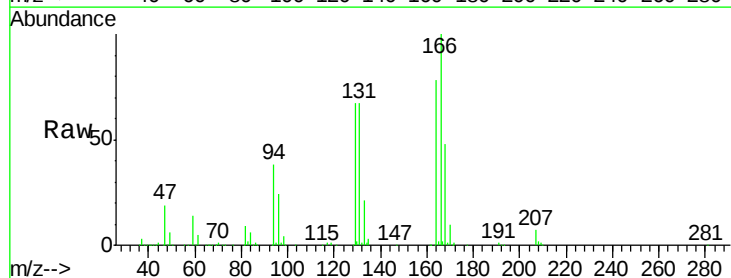
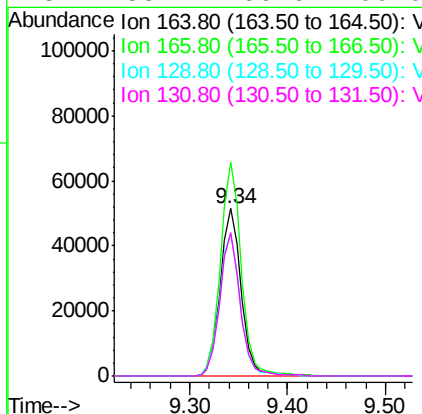
Manual Integrations
APPROVED

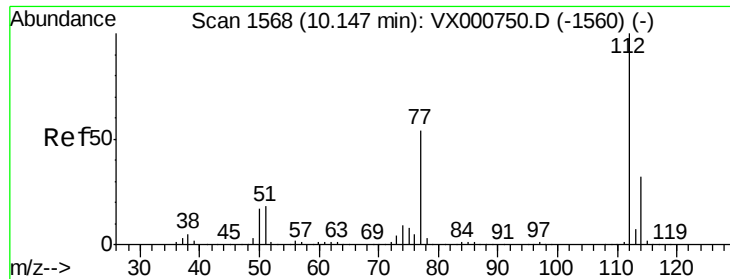
MMDadoda
4/16/2018 12:59:55 PM



#64
Tetrachloroethene
Concen: 23.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	102.8	154.2
129	85.3	68.5	102.7
131	85.7	66.6	100.0





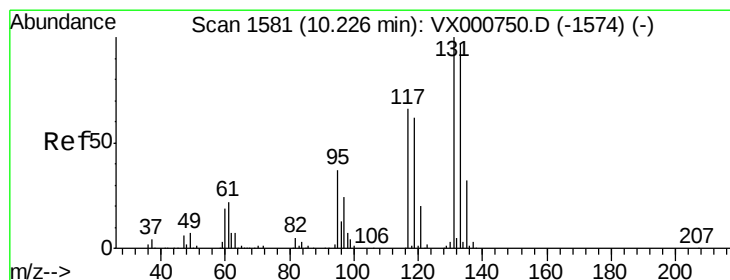
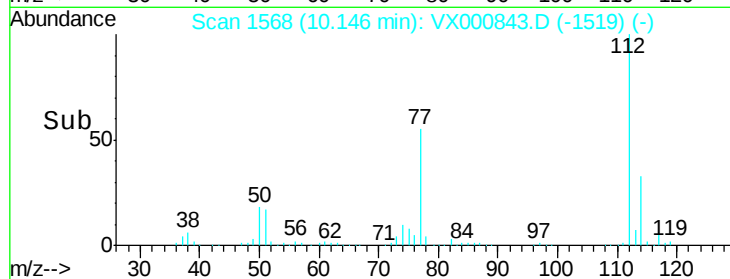
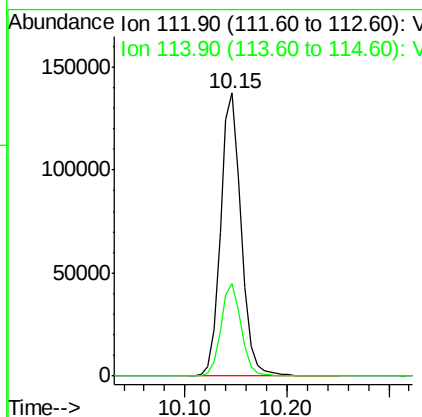
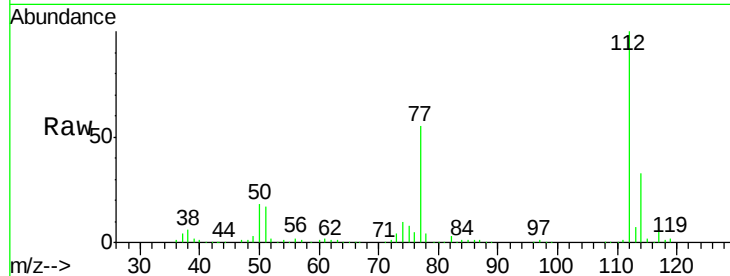
#65
Chlorobenzene
Concen: 22.72 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion:112 Resp: 193178
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8

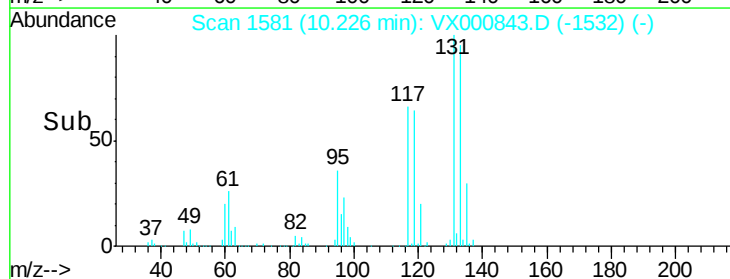
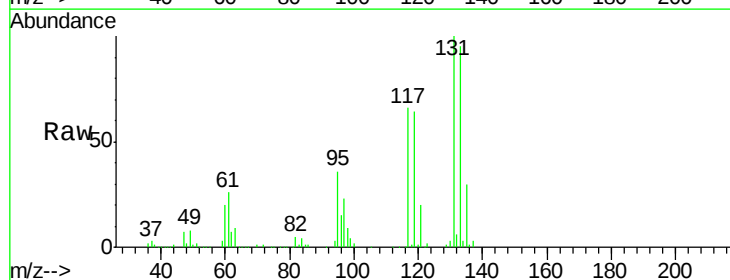
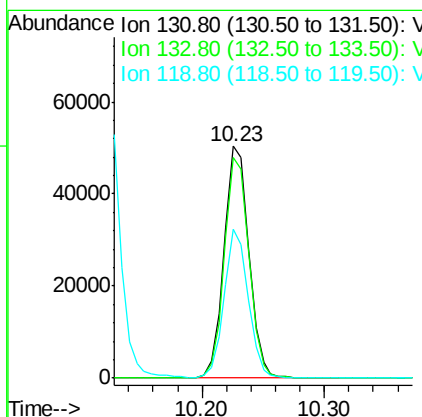
Manual Integrations
APPROVED

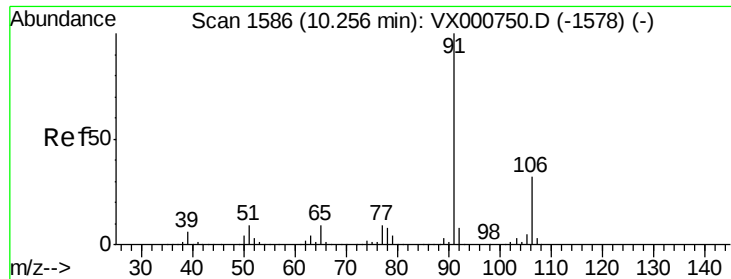
MMDadoda
4/16/2018 12:59:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.15 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion:131 Resp: 70869
Ion Ratio Lower Upper
131 100
133 94.5 48.3 144.9
119 62.1 31.4 94.0





#67

Ethyl Benzene

Concen: 22.61 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 91 Resp: 320456

Ion Ratio Lower Upper

91 100

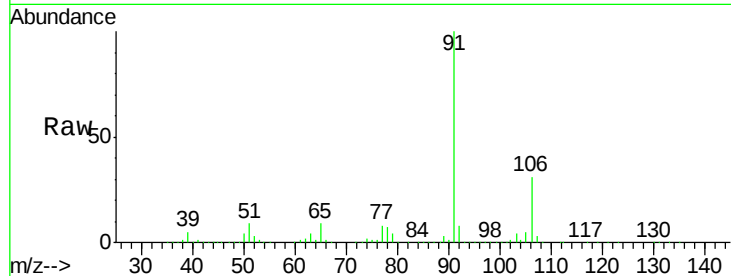
106 31.4 25.4 38.0

Manual Integrations

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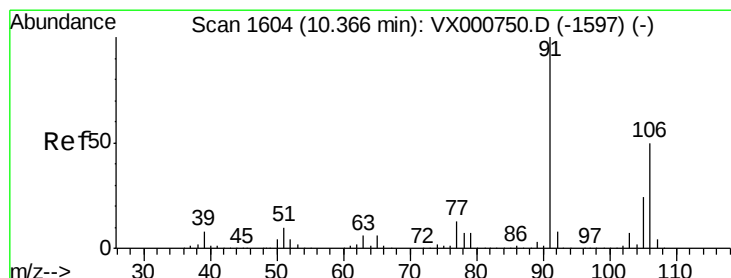
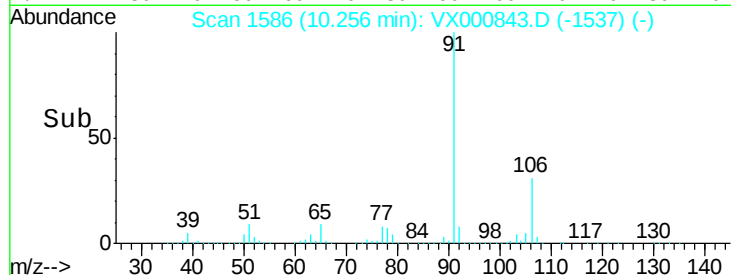
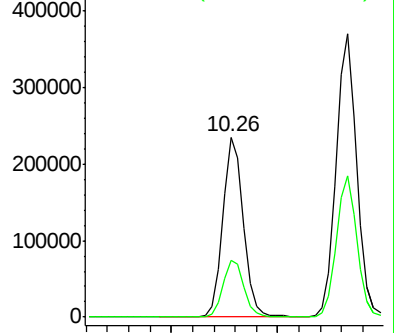
MMDadoda

4/16/2018 12:59:55 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 45.14 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000843.D

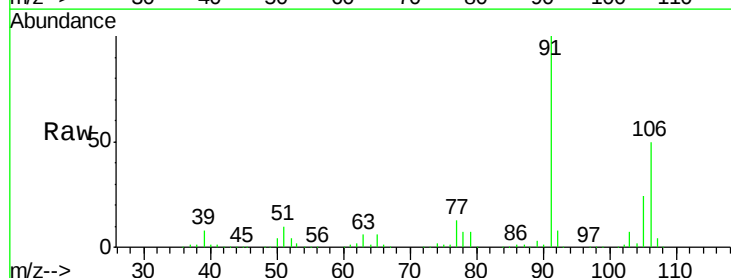
Acq: 13 Apr 2018 12:14

Tgt Ion: 106 Resp: 252561

Ion Ratio Lower Upper

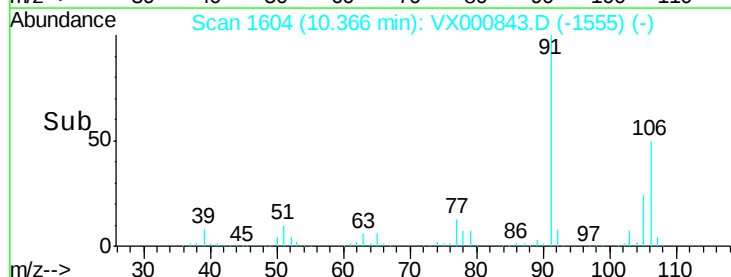
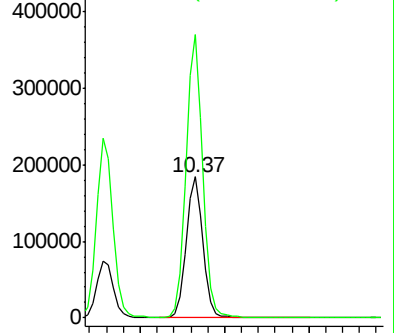
106 100

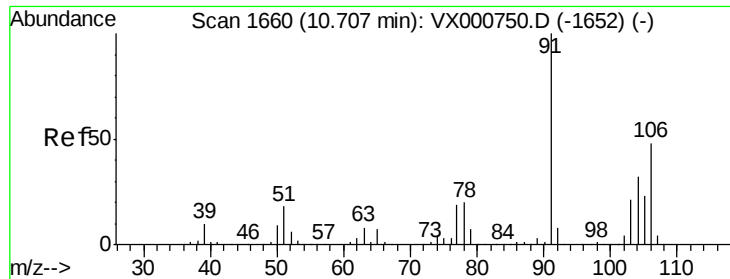
91 200.0 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





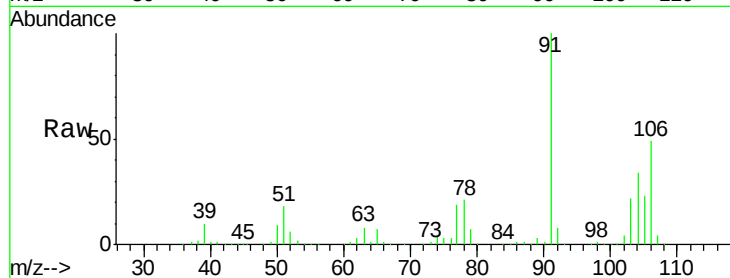
#69
o-Xylene
Concen: 22.81 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

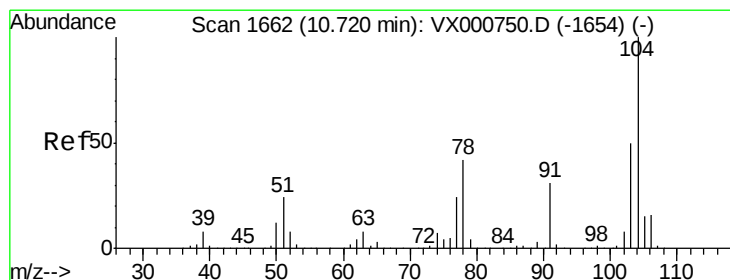
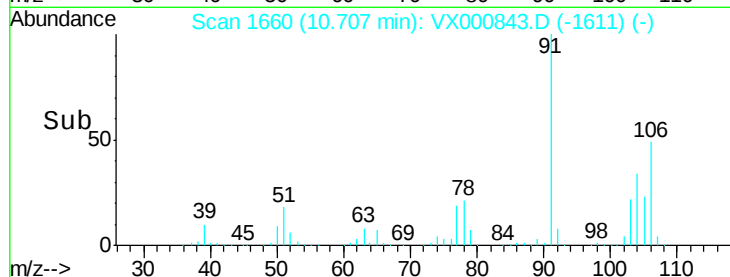
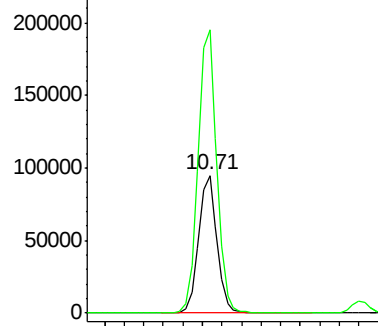
Tot Ion:106 Resp: 122983
Ion Ratio Lower Upper
106 100
91 209.1 105.0 315.0

Manual Integrations
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MMDadoda
4/16/2018 12:59:55 PM

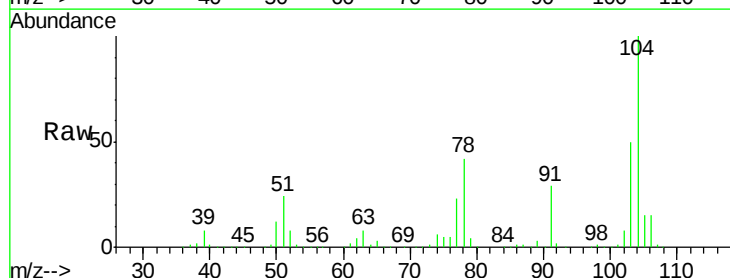


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

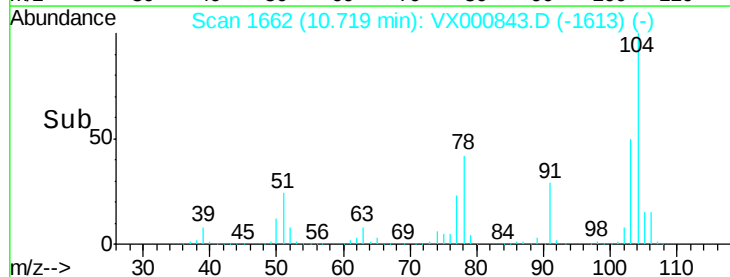
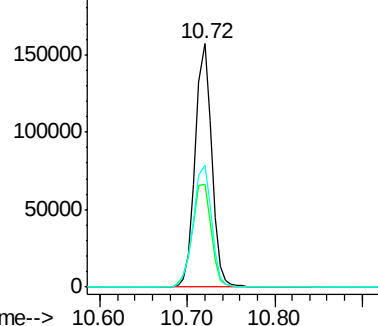


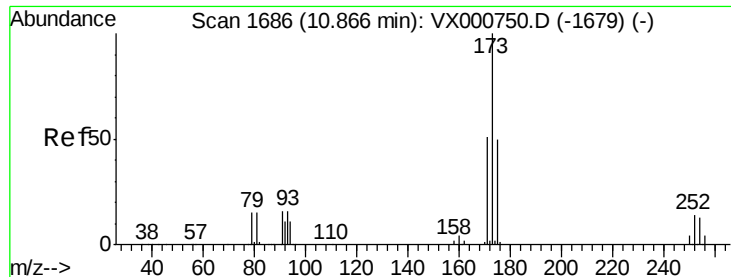
#70
Styrene
Concen: 22.51 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion:104 Resp: 204641
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.4 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.32 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

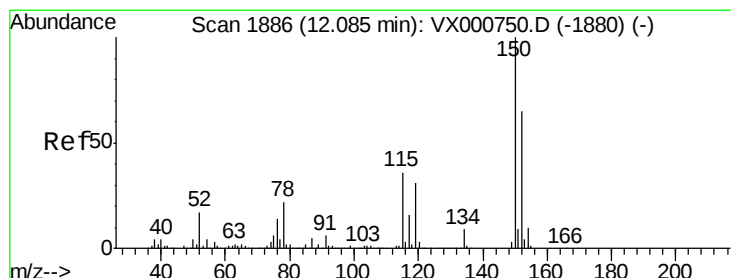
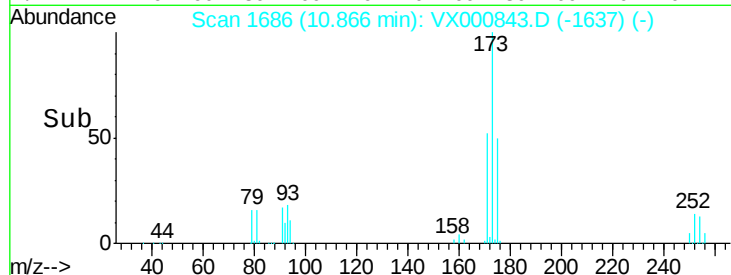
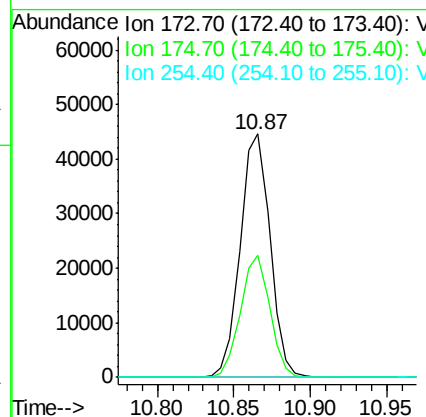
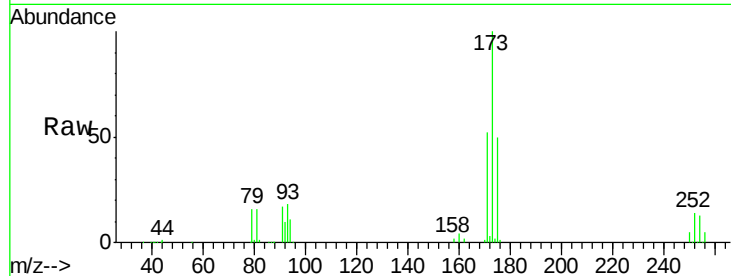
ClientSampleId :

VX0413WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.5	73.5
254	0.1	0.2	0.2

Manual Integrations
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MMDadoda
4/16/2018 12:59:55 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

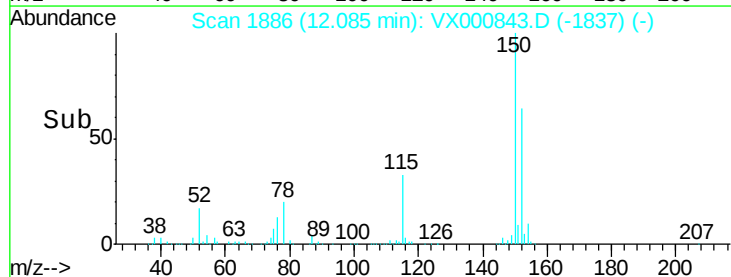
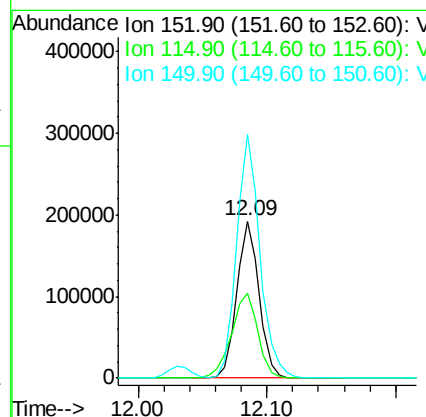
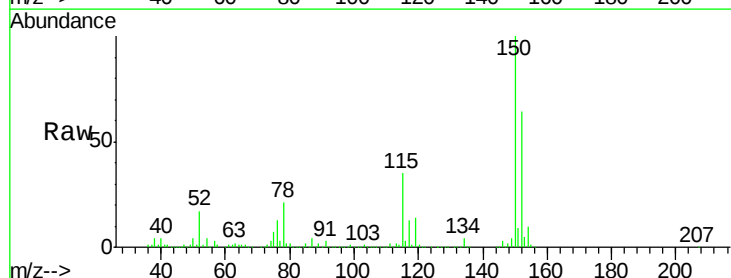
RT: 12.09 min Scan# 1886

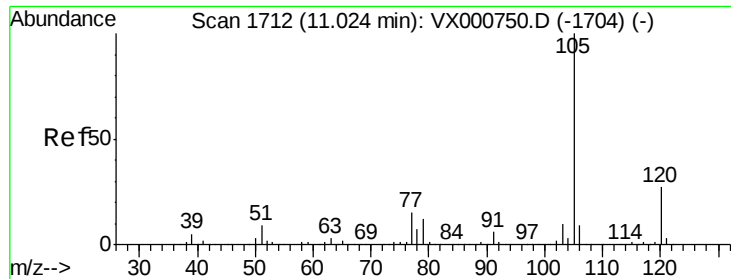
Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	37.9	113.7
150	163.5	0.0	348.0





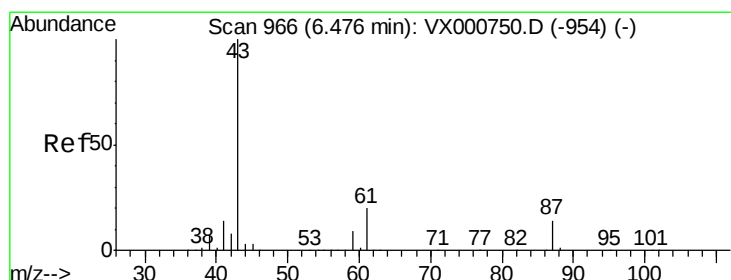
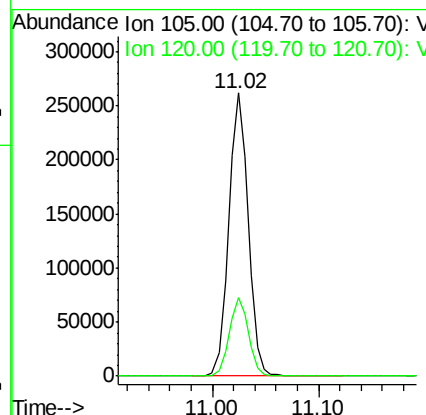
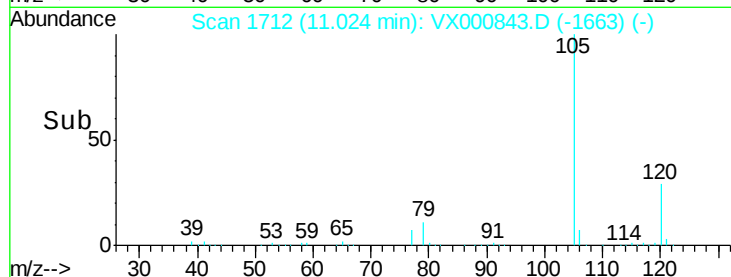
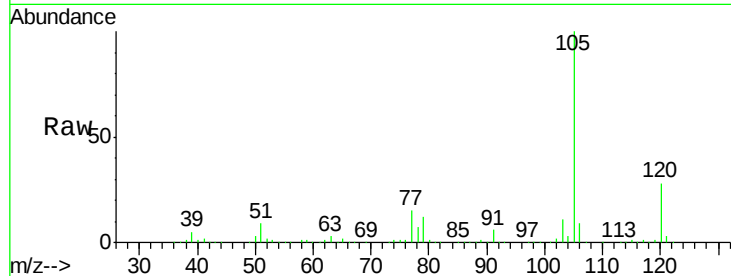
#73
Isopropylbenzene
Concen: 22.80 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion:105 Resp: 335205
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0

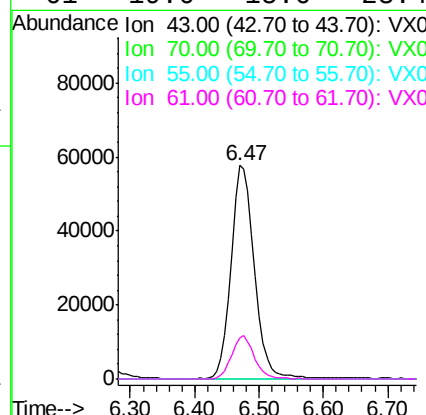
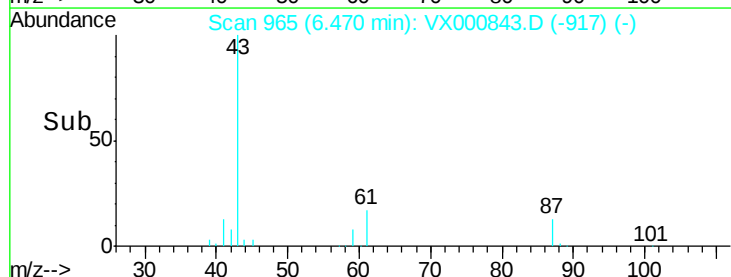
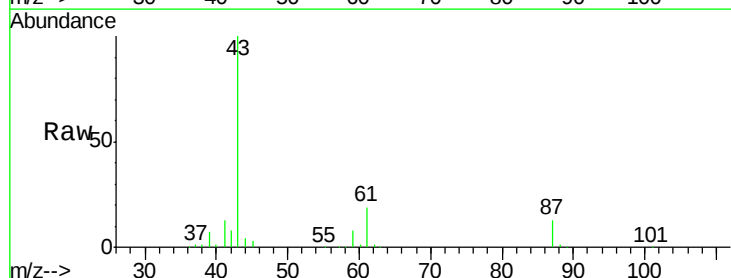
Manual Integrations
APPROVED

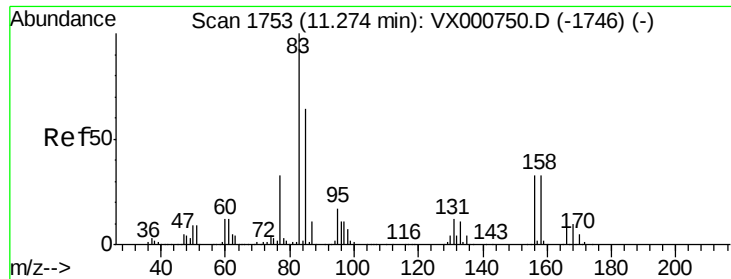
MMDadoda
4/16/2018 12:59:55 PM



#74
N-ethyl acetate
Concen: 22.23 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion: 43 Resp: 147178
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0
61 19.6 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

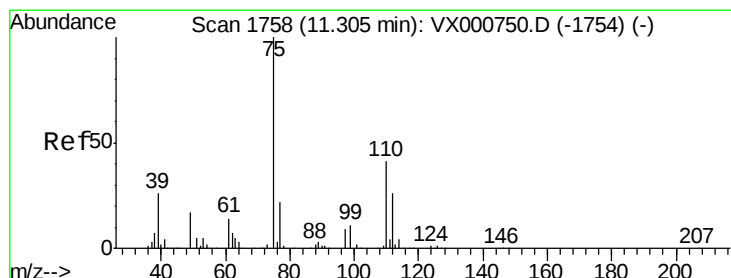
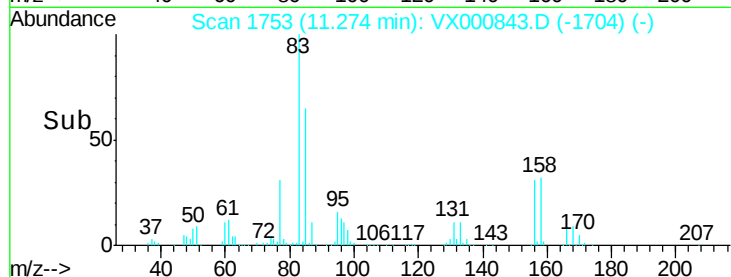
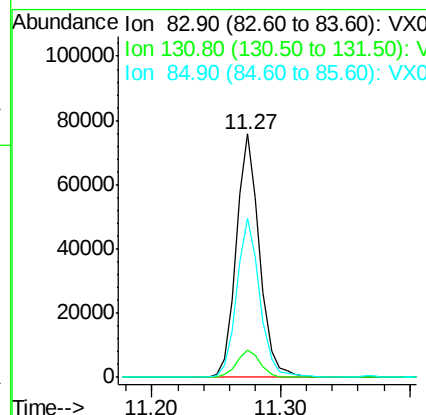
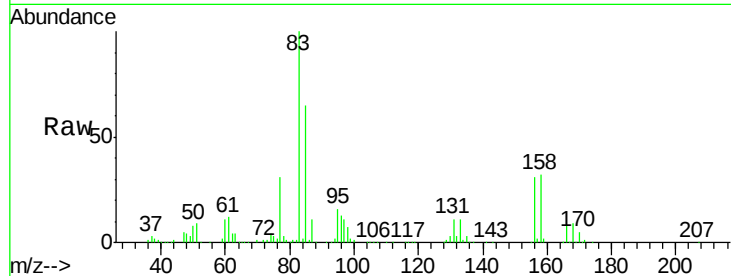
ClientSampleId :

VX0413WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.5	6.0	18.0
85	65.1	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.60 ug/l m

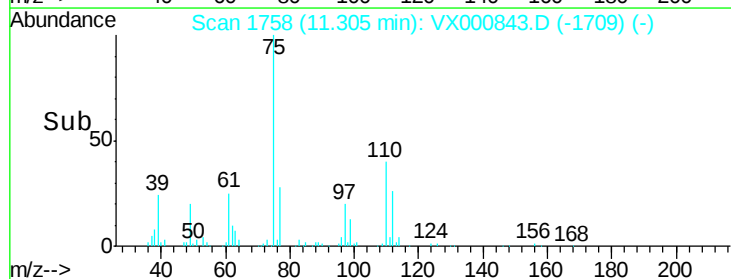
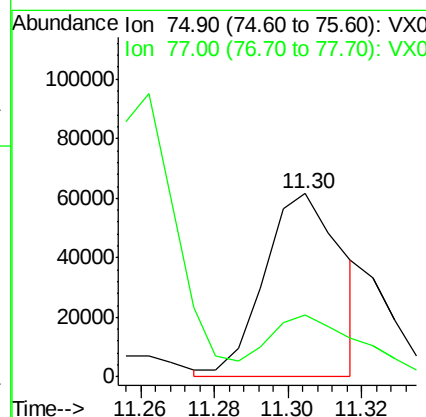
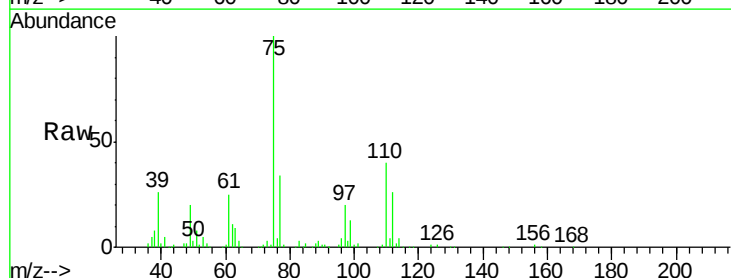
RT: 11.30 min Scan# 1758

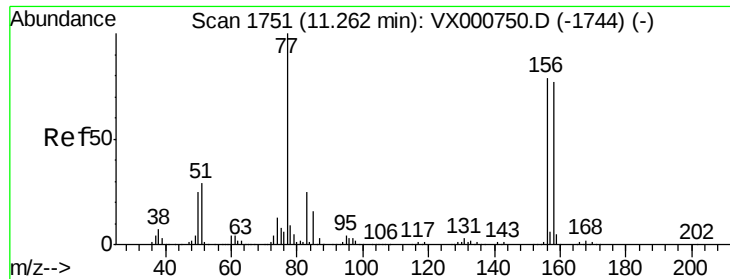
Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.9	20.5	61.5





#77

Bromobenzene

Concen: 22.26 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

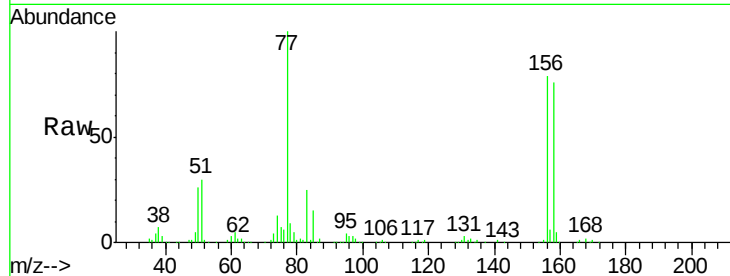
ClientSampleId :

VX0413WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	131.0	66.0	198.2
158	96.8	48.8	146.4

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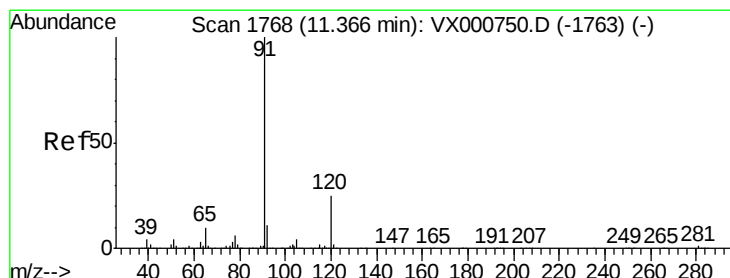
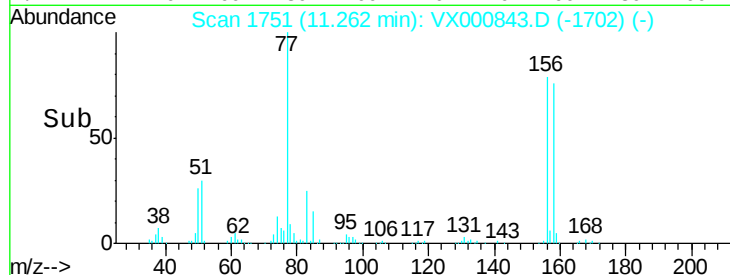
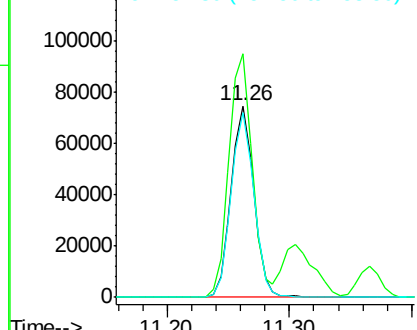


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.84 ug/l

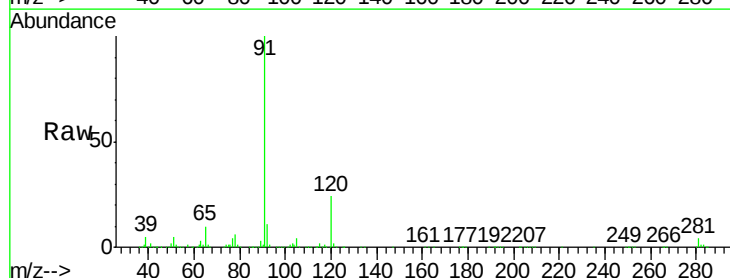
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

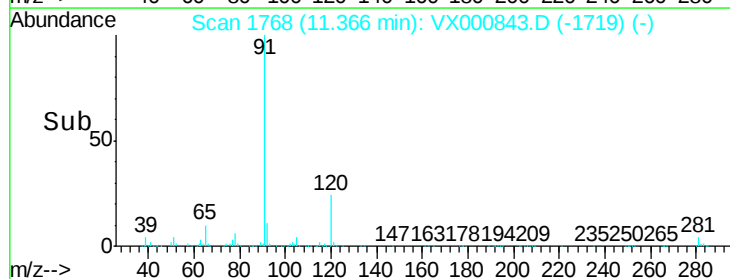
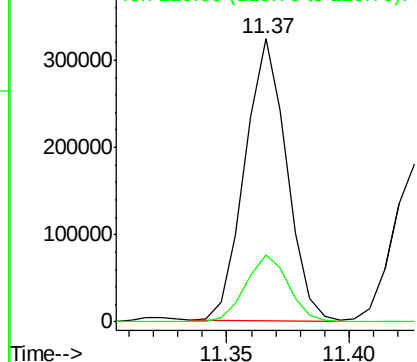
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.6	37.6

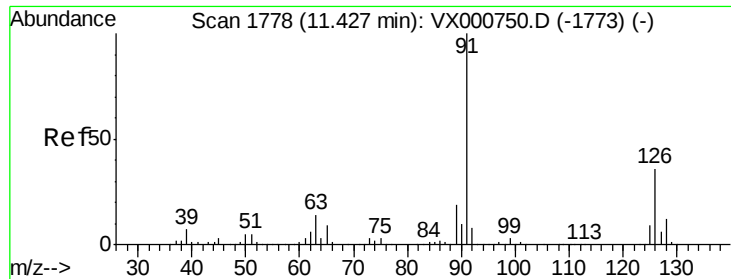


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.45 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 91 Resp: 223160

Ion Ratio Lower Upper

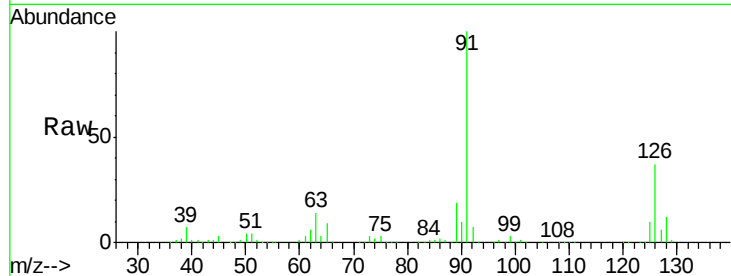
91 100

126 37.0 18.3 54.9

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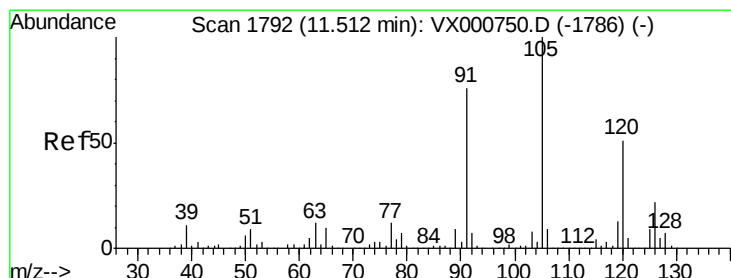
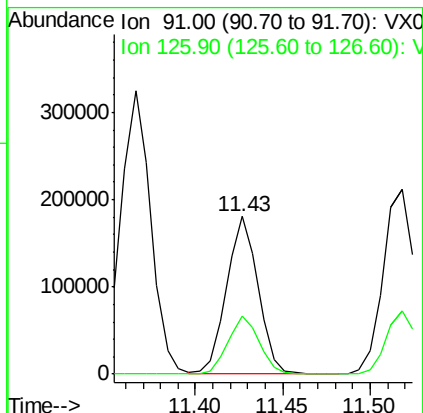
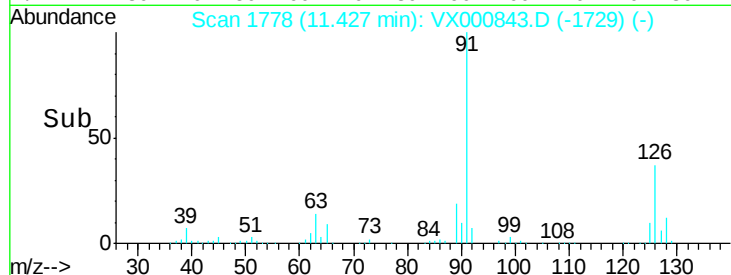
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Abundance Ion 91.00 (90.70 to 91.70): VX000750.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000750.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.57 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000843.D

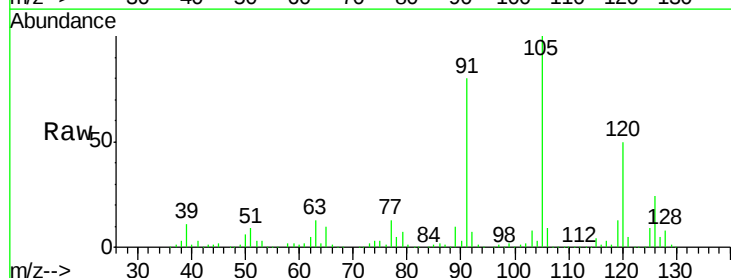
Acq: 13 Apr 2018 12:14

Tgt Ion: 105 Resp: 285422

Ion Ratio Lower Upper

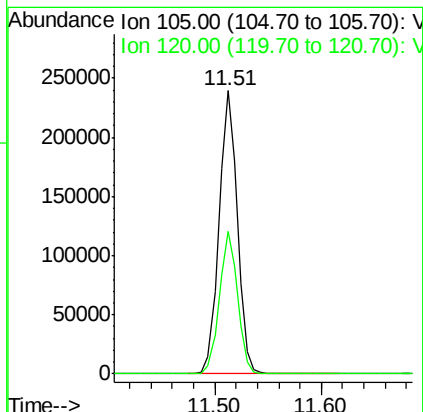
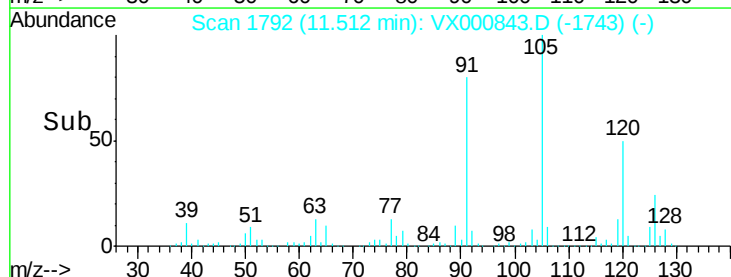
105 100

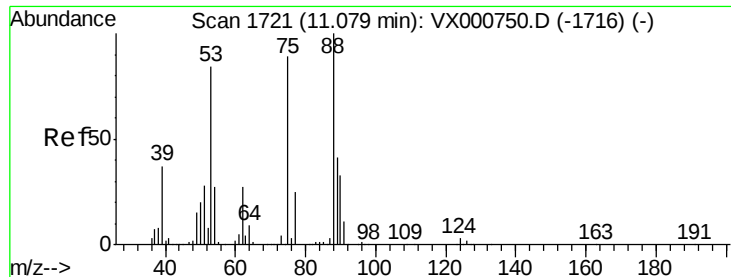
120 50.1 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000750.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000750.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.60 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

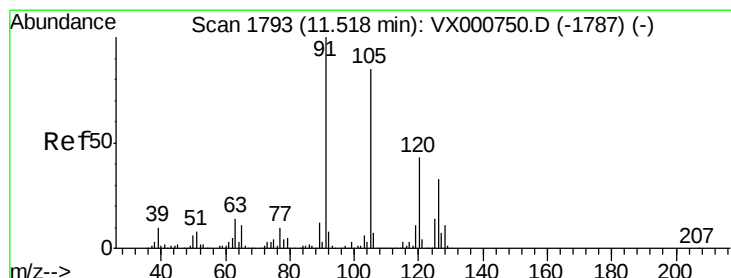
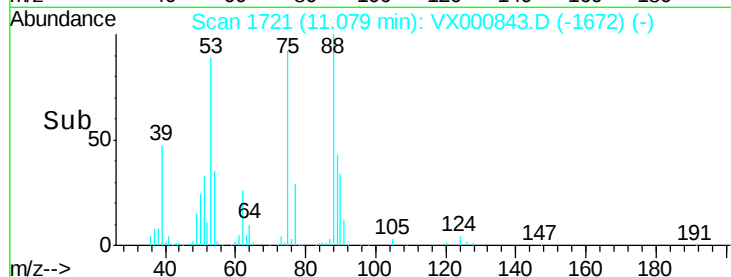
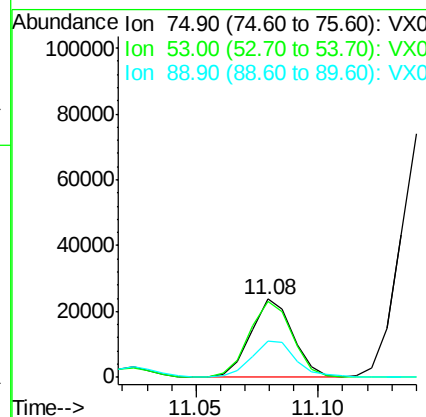
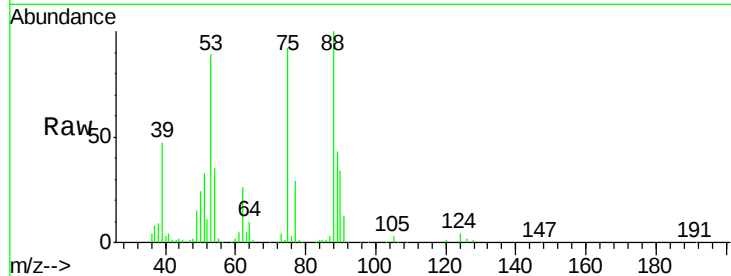
ClientSampleId :

VX0413WBS01

Tot Ion:	75	Resp:	28485
Ion	Ratio	Lower	Upper
75	100		
53	100.3	75.4	113.0
89	50.1	40.9	61.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.32 ug/l

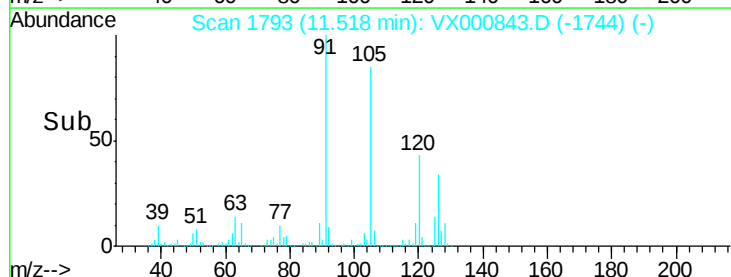
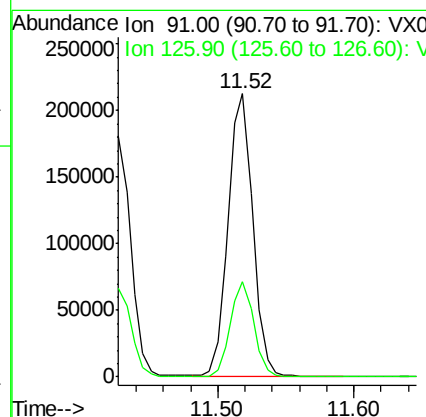
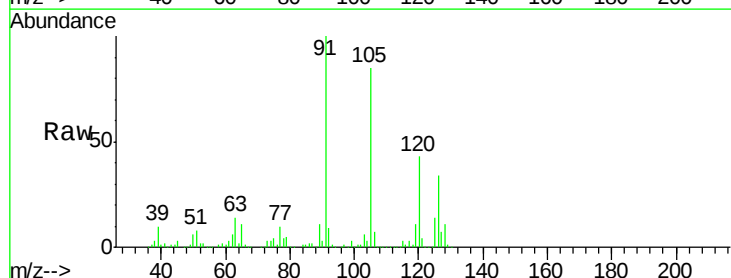
RT: 11.52 min Scan# 1793

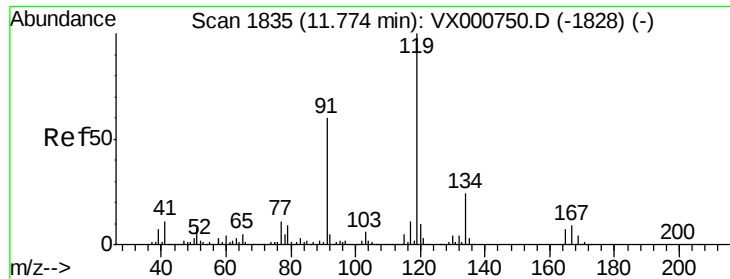
Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion:	91	Resp:	267803
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.6





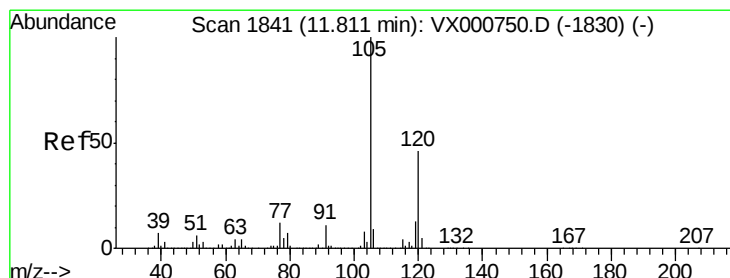
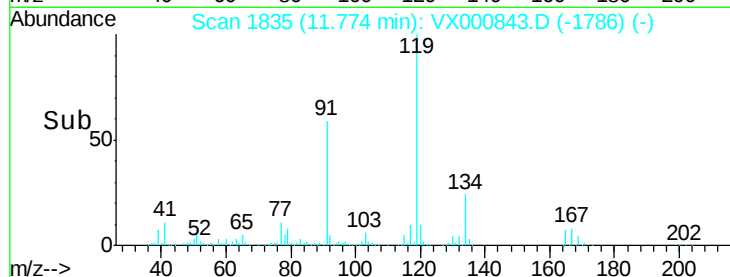
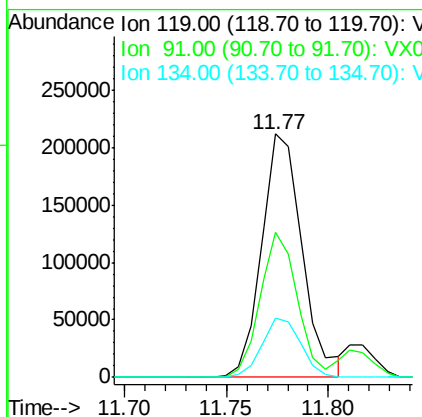
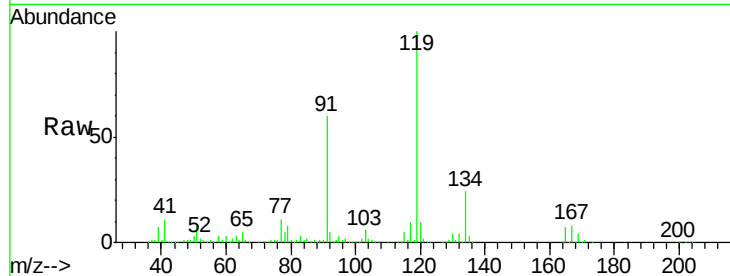
#83
 tert-Butylbenzene
 Concen: 22.70 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	293691		
91	54.5	26.8	80.3	
134	23.5	11.5	34.4	

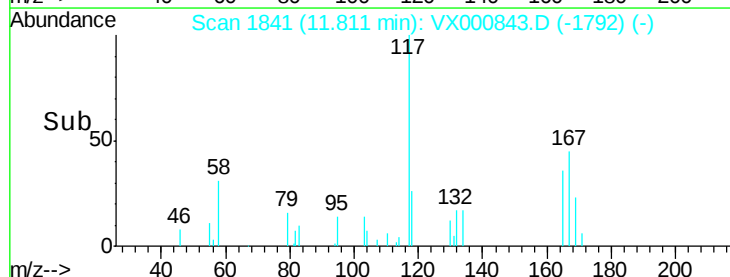
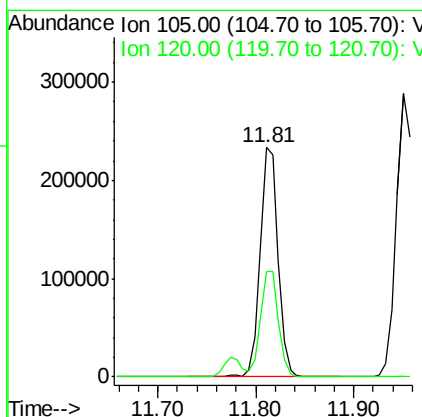
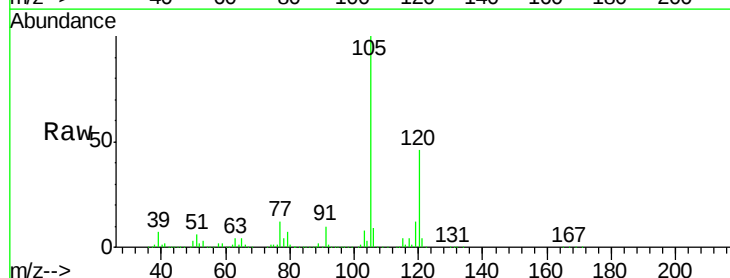
Manual Integrations
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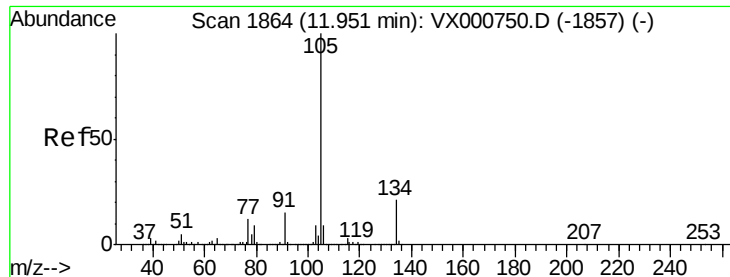
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.52 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	294028		
120	46.0	23.1	69.3	





#85

sec-Butylbenzene

Concen: 22.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion:105 Resp: 350726

Ion Ratio Lower Upper

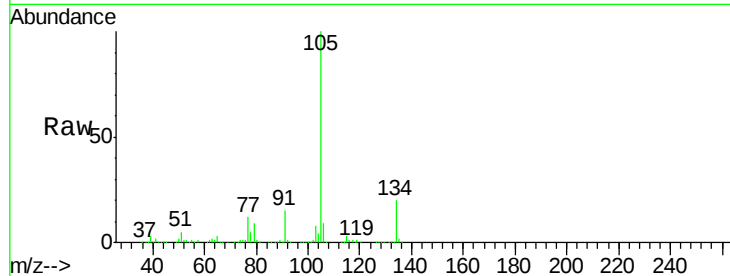
105 100

134 21.3 10.8 32.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

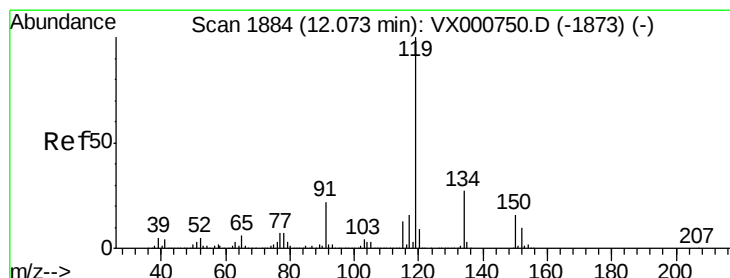
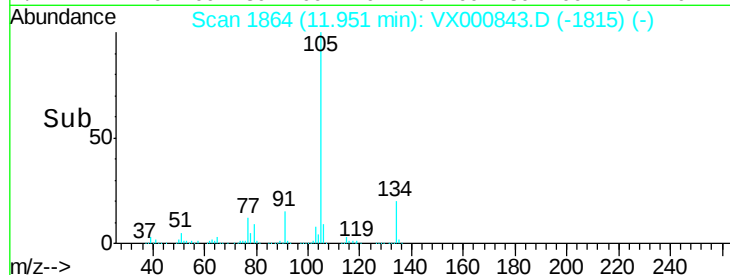
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.72 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

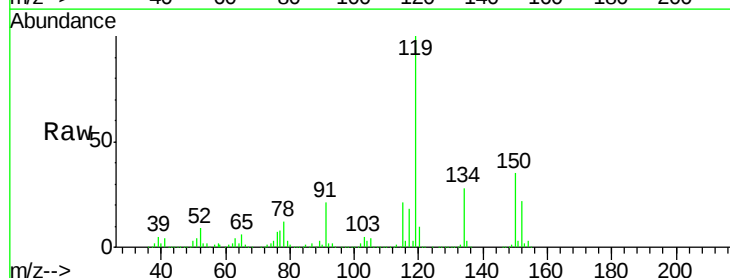
Tgt Ion:119 Resp: 323306

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

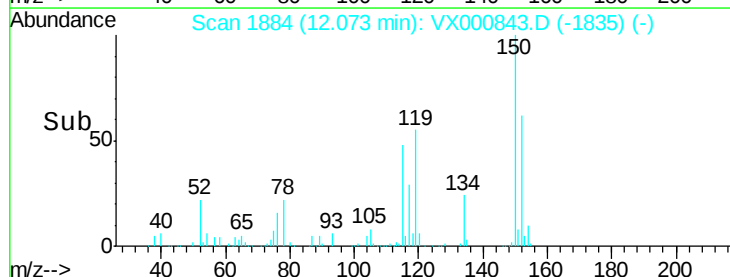
300000

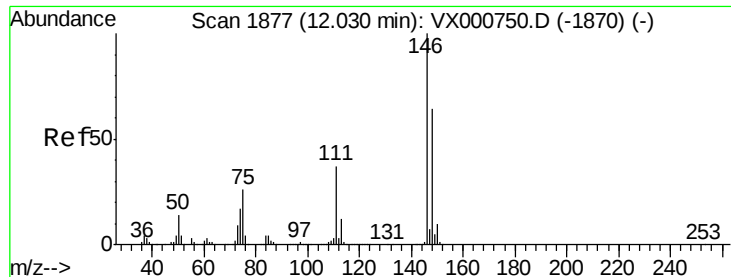
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 22.44 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

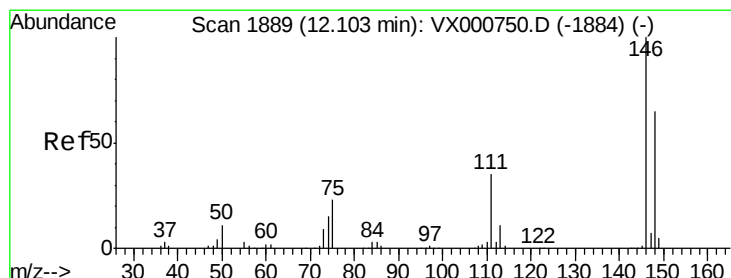
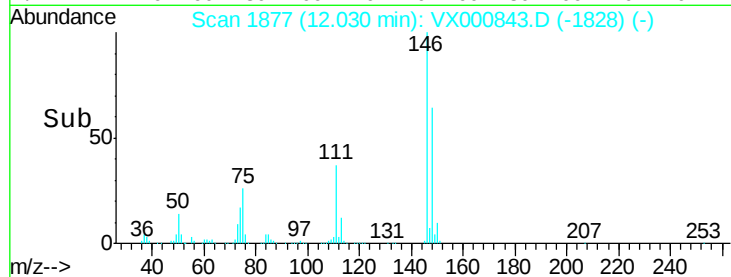
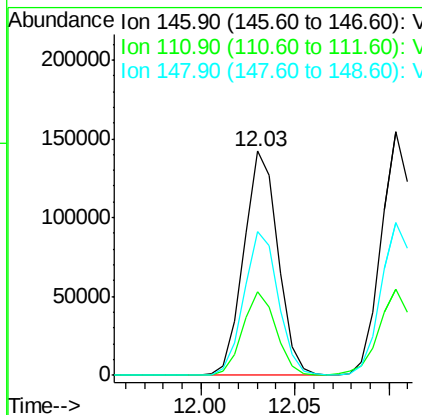
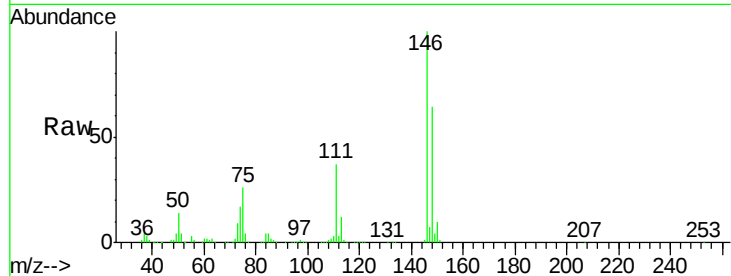
ClientSampleId :

VX0413WBS01

Tot Ion:	146	Resp:	179000
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.3	54.8
148	64.1	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 22.49 ug/l

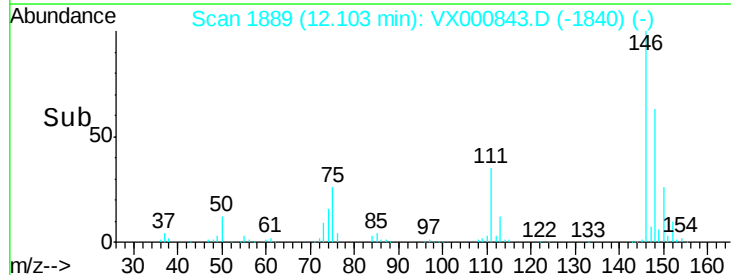
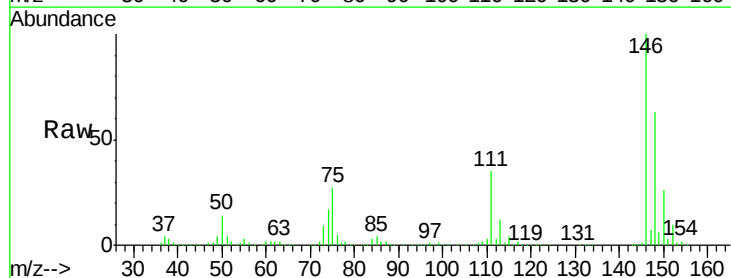
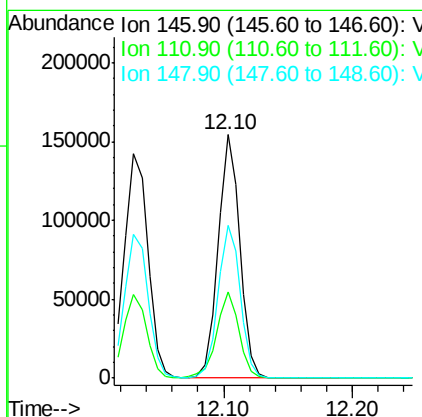
RT: 12.10 min Scan# 1889

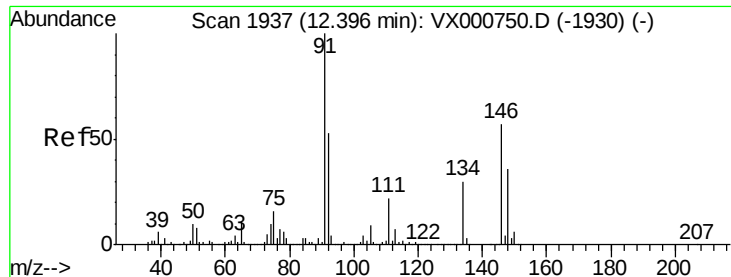
Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion:	146	Resp:	183810
Ion Ratio	Lower	Upper	
146	100		
111	36.5	17.9	53.8
148	64.6	32.6	97.7





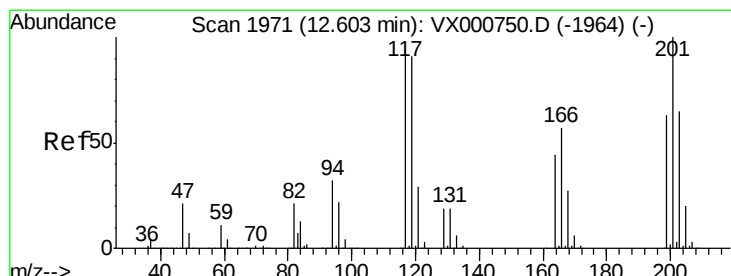
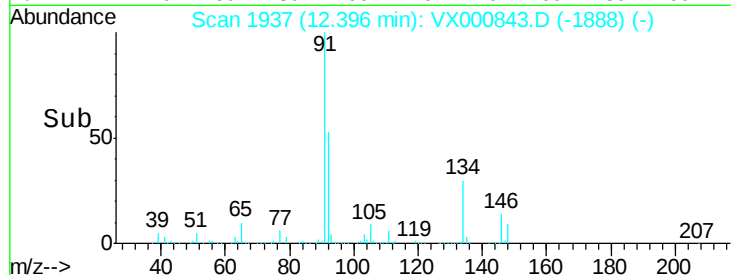
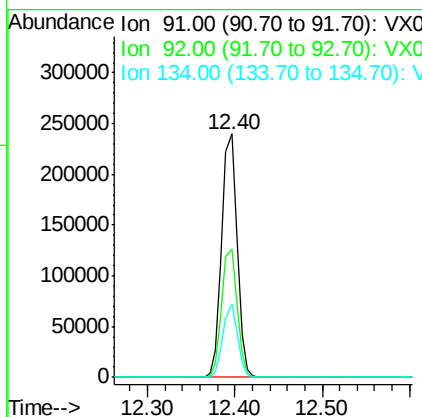
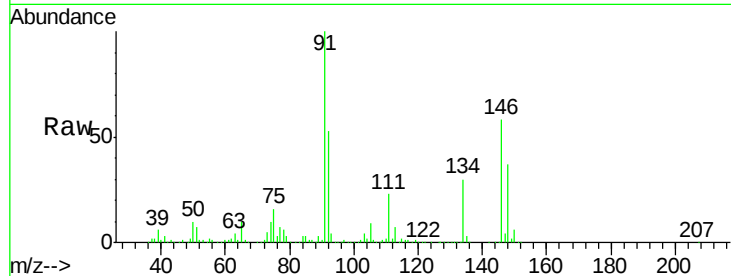
#89
n-Butylbenzene
Concen: 23.02 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	28.5	14.5	43.5

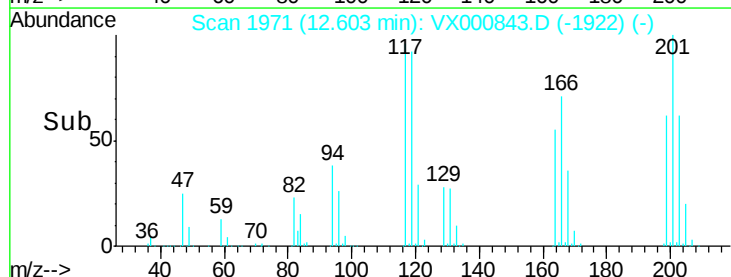
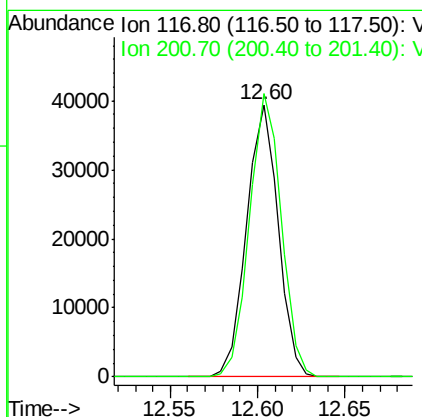
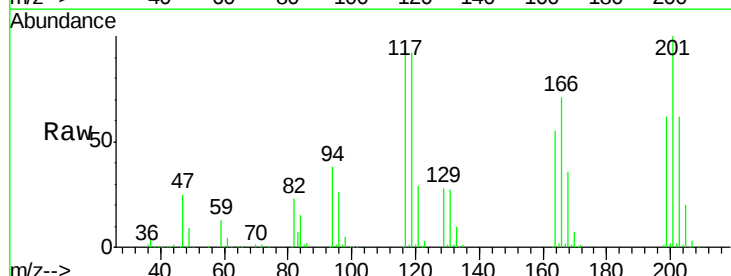
Manual Integrations
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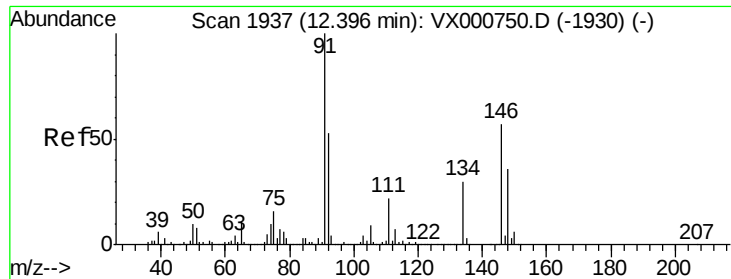
MMDadoda
4/16/2018 12:59:55 PM



#90
Hexachloroethane
Concen: 20.61 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000843.D
Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.2	52.9	158.7





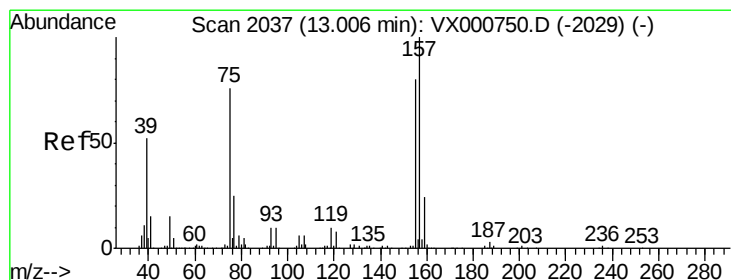
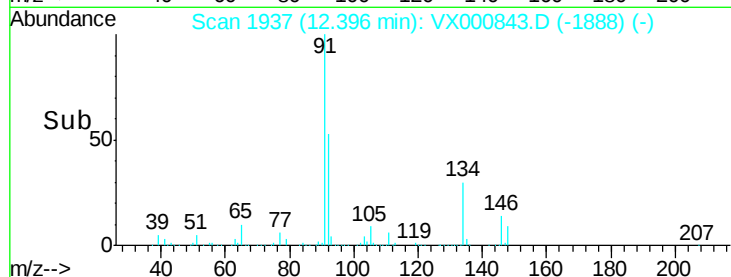
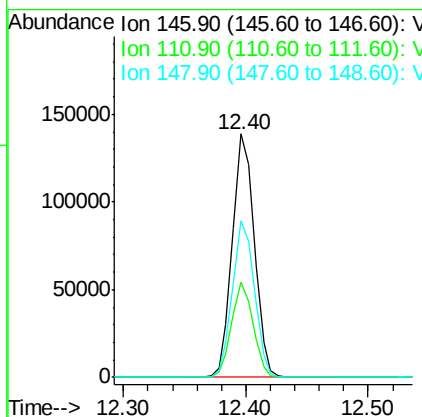
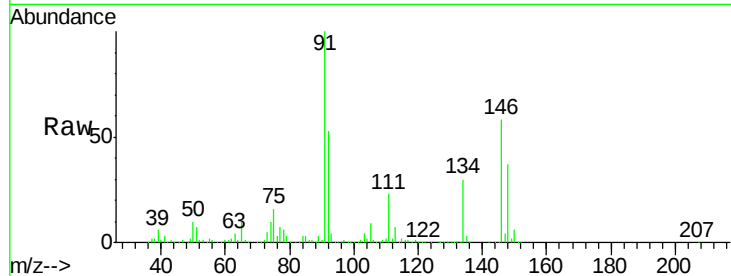
#91
 1,2-Dichlorobenzene
 Concen: 22.35 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.4	32.0	96.2

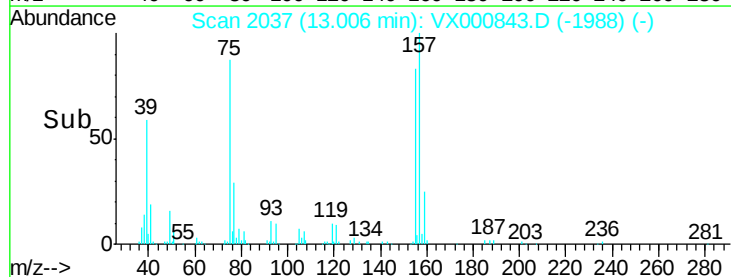
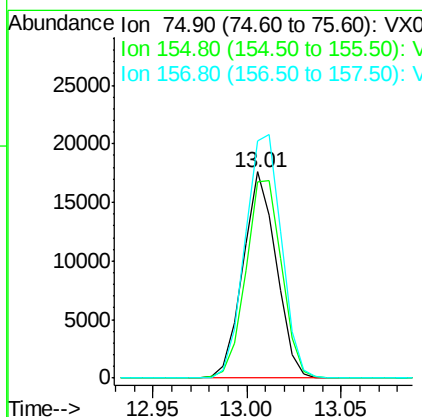
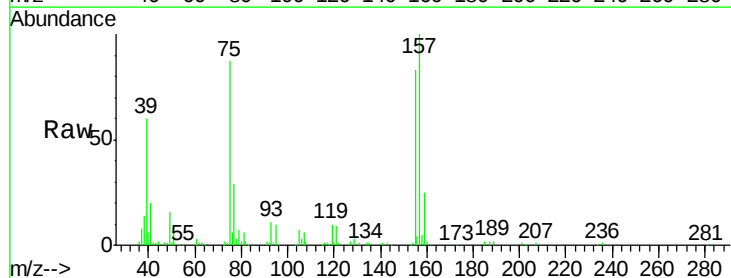
Manual Integrations
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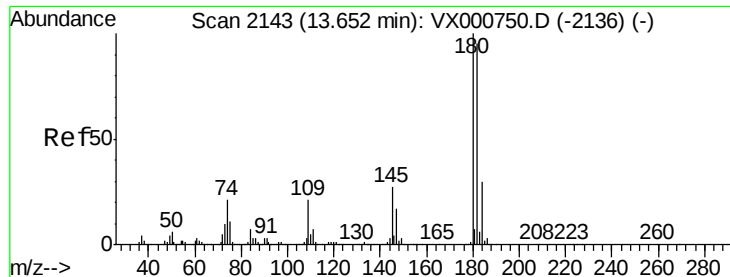
MMDadoda
 4/16/2018 12:59:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.2	51.9	155.8
157	128.5	66.6	199.8





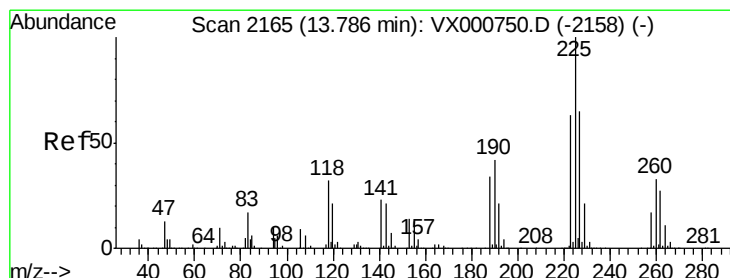
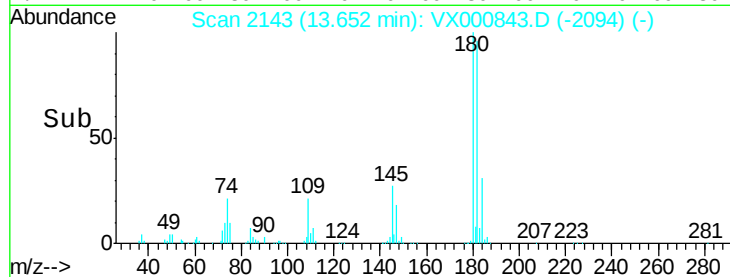
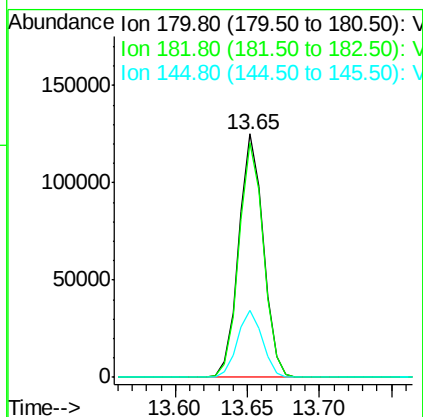
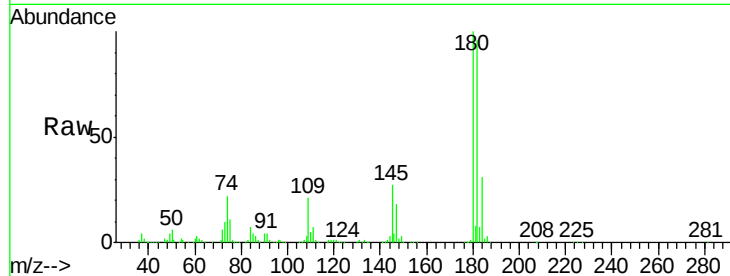
#93
 1,2,4-Trichlorobenzene
 Concen: 22.60 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	148508		
182	96.0	47.5	142.5	
145	27.8	13.8	41.4	

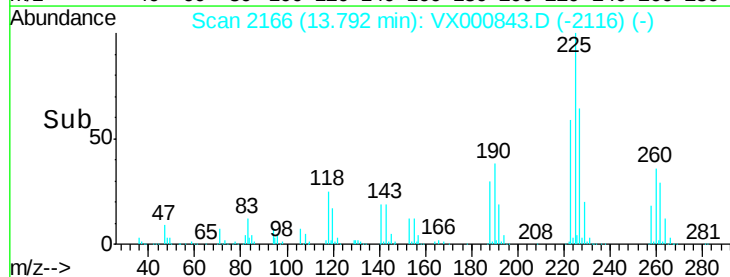
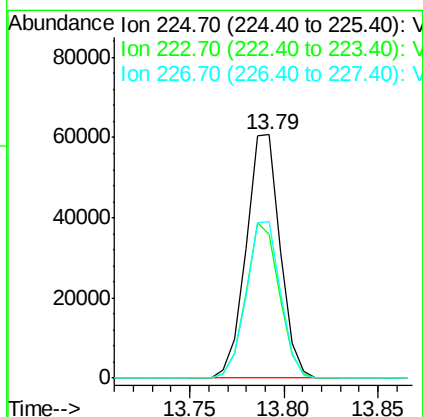
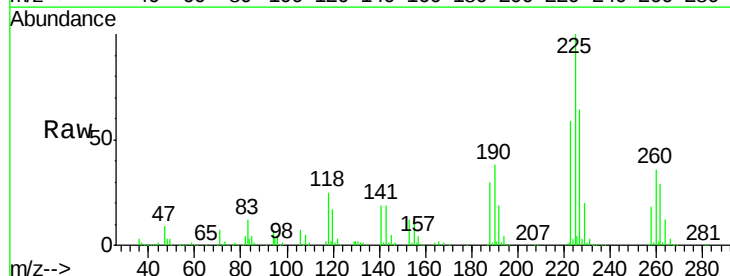
Manual Integrations
 APPROVED

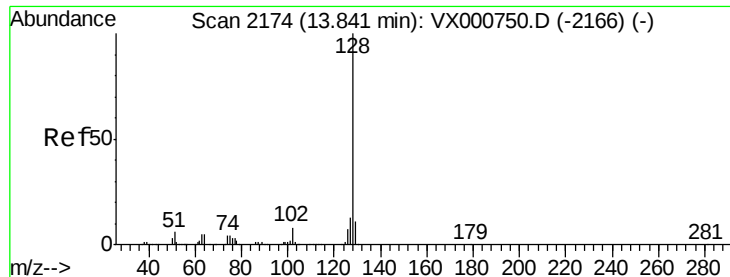
MMDadoda
 4/16/2018 12:59:55 PM



#94
 Hexachlorobutadiene
 Concen: 23.51 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000843.D
 Acq: 13 Apr 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75953		
223	62.4	31.2	93.6	
227	64.7	32.3	96.9	





#95

Naphthalene

Concen: 22.66 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Instrument :

MSVOA_X

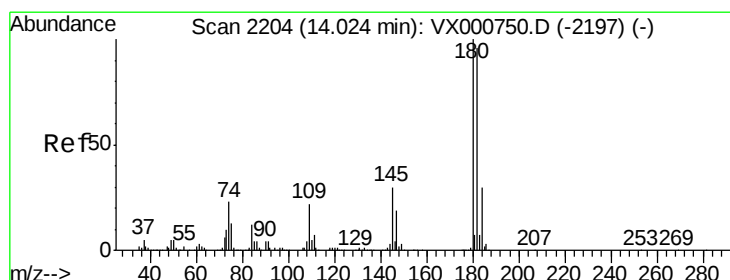
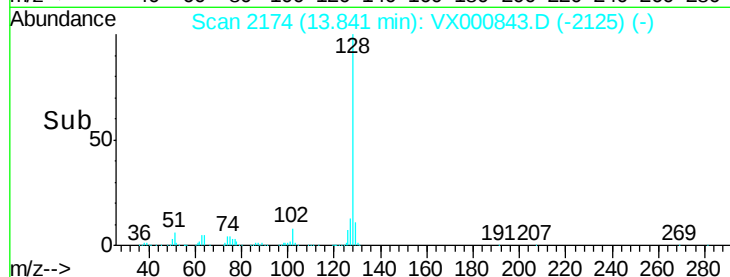
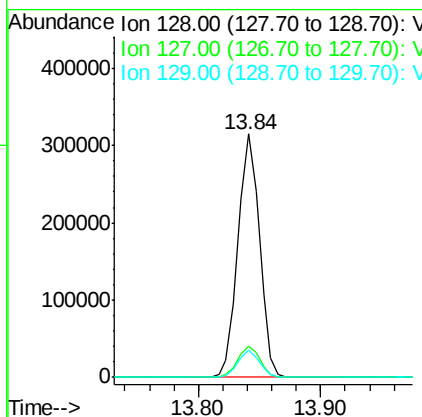
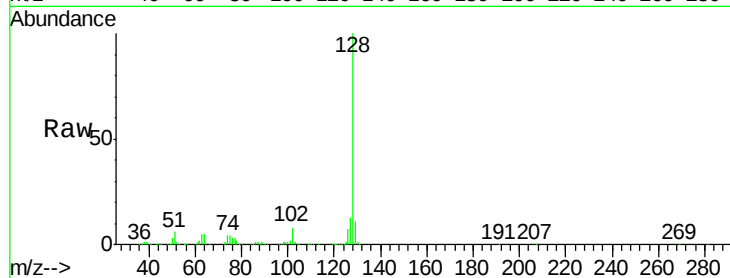
ClientSampleId :

VX0413WBS01

Tot Ion:	128	Resp:	382209
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/16/2018 12:59:55 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.39 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000843.D

Acq: 13 Apr 2018 12:14

Tgt Ion:	180	Resp:	142862
Ion Ratio		Lower	Upper
180	100		
182	96.9	48.4	145.2
145	29.2	14.6	43.8

