

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
 Data File : VX000869.D
 Acq On : 14 Apr 2018 12:34
 Operator : JC/MD
 Sample : VX0414WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2018 12:51:33 PM

Quant Time: Apr 16 06:35:47 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	257514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337419	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	220964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	153938	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.51	113	127636	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.72	98	477363	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.15	95	194326	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60264	20.73	ug/l	100
3) Chloromethane	1.32	50	48836	19.59	ug/l	100
4) Vinyl Chloride	1.40	62	57792	20.61	ug/l	98
5) Bromomethane	1.64	94	30216	25.36	ug/l	98
6) Chloroethane	1.73	64	33724	19.85	ug/l	100
7) Trichlorofluoromethane	1.93	101	86441	20.44	ug/l	99
8) Diethyl Ether	2.19	74	32951	20.85	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53488	21.45	ug/l	99
10) Methyl Iodide	2.51	142	22711	18.01	ug/l	99
11) Tert butyl alcohol	3.09	59	62264	108.01	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47446	20.07	ug/l	96
13) Acrolein	2.30	56	13279	47.43	ug/l	98
14) Allyl chloride	2.73	41	88441	20.24	ug/l	97
15) Acrylonitrile	3.16	53	140711	114.49	ug/l	100
16) Acetone	2.45	43	128968	115.18	ug/l	99
17) Carbon Disulfide	2.57	76	122421	17.11	ug/l	99
18) Methyl Acetate	2.78	43	69713	24.06	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	163938	20.82	ug/l	99
20) Methylene Chloride	2.86	84	53556	20.56	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	52266	20.05	ug/l	99
22) Diisopropyl ether	3.89	45	172902	21.53	ug/l	98
23) Vinyl Acetate	3.83	43	756887	107.34	ug/l	98
24) 1,1-Dichloroethane	3.70	63	97309	21.59	ug/l	99
25) 2-Butanone	4.72	43	211497	114.38	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85745	19.17	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	61981	20.96	ug/l	99
28) Bromochloromethane	5.03	49	35866	19.76	ug/l	98
29) Tetrahydrofuran	5.18	42	131435	111.95	ug/l	100
30) Chloroform	5.23	83	101457	21.26	ug/l	99
31) Cyclohexane	5.58	56	85892	20.07	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	91751	20.18	ug/l	100
36) 1,1-Dichloropropene	5.81	75	76652	20.63	ug/l	99
37) Ethyl Acetate	4.87	43	80594	22.22	ug/l	100
38) Carbon Tetrachloride	5.79	117	80614	19.38	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	93858	21.03	ug/l	99
40) Benzene	6.15	78	220879	21.39	ug/l	98
41) Methacrylonitrile	5.07	41	47007	22.43	ug/l	99
42) 1,2-Dichloroethane	6.21	62	82325	21.35	ug/l	99
43) Isopropyl Acetate	6.48	43	130739	21.02	ug/l	99
44) Trichloroethene	7.22	130	68288	21.27	ug/l	97
45) 1,2-Dichloropropane	7.52	63	56383	21.44	ug/l	99
46) Dibromomethane	7.67	93	38788	21.16	ug/l	97
47) Bromodichloromethane	7.91	83	73692	19.92	ug/l	98
48) Methyl methacrylate	7.79	41	68804	21.34	ug/l	99
49) 1,4-Dioxane	7.77	88	28565	440.90	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	418127	114.45	ug/l	99
52) Toluene	8.79	92	145032	21.17	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	88297	19.90	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83906	19.42	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	58225	21.41	ug/l	98
56) Ethyl methacrylate	9.19	69	88391	21.07	ug/l	99
57) 1,3-Dichloropropane	9.38	76	95306	22.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217606	111.02	ug/l	99
59) 2-Hexanone	9.51	43	323612	114.74	ug/l	100
60) Dibromochloromethane	9.59	129	62530	19.22	ug/l	100
61) 1,2-Dibromoethane	9.68	107	61581	21.35	ug/l	100
64) Tetrachloroethene	9.34	164	69418	22.05	ug/l	99
65) Chlorobenzene	10.15	112	171286	21.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	60575	19.87	ug/l	98
67) Ethyl Benzene	10.26	91	285765	21.16	ug/l	100
68) m/p-Xylenes	10.37	106	224091	42.03	ug/l	100
69) o-Xylene	10.71	106	108096	21.04	ug/l	100
70) Styrene	10.72	104	181244	20.92	ug/l	100
71) Bromoform	10.87	173	50528	17.90	ug/l	100
73) Isopropylbenzene	11.02	105	296267	21.13	ug/l	100
74) N-amyl acetate	6.48	43	130739	20.71	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85760	21.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81474m	21.38	ug/l	
77) Bromobenzene	11.26	156	84910	20.67	ug/l	100
78) n-propylbenzene	11.37	91	339155	21.15	ug/l	99
79) 2-Chlorotoluene	11.43	91	199478	21.05	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	252277	20.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23755	17.15	ug/l	92
82) 4-Chlorotoluene	11.52	91	239173	20.91	ug/l	100
83) tert-Butylbenzene	11.77	119	256915	20.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	258647	20.78	ug/l	100
85) sec-Butylbenzene	11.95	105	311118	21.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	288800	21.29	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	160491	21.11	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	160978	20.66	ug/l	99
89) n-Butylbenzene	12.40	91	258906	21.62	ug/l	100
90) Hexachloroethane	12.60	117	40178	17.50	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	154559	21.06	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19383	19.02	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

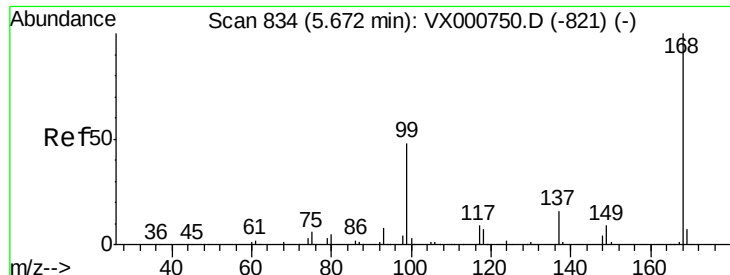
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132864	21.21	ug/l	100
94) Hexachlorobutadiene	13.79	225	67852	22.03	ug/l	100
95) Naphthalene	13.84	128	343595	21.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128331	21.09	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: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX0414WBS01

Tot Ion:168 Resp: 257514

Ion Ratio Lower Upper

168 100

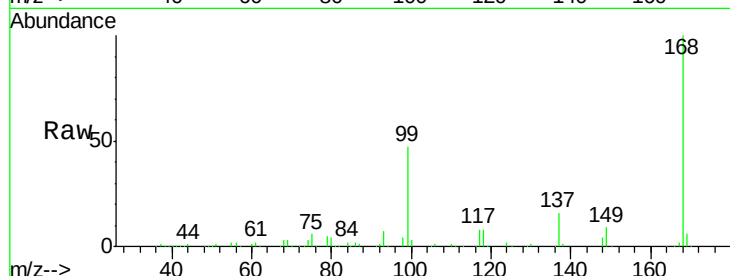
99 47.2 38.3 57.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

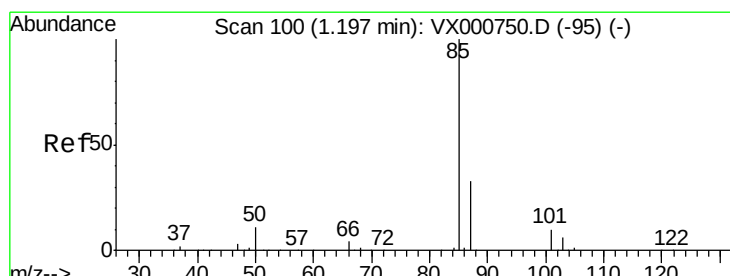
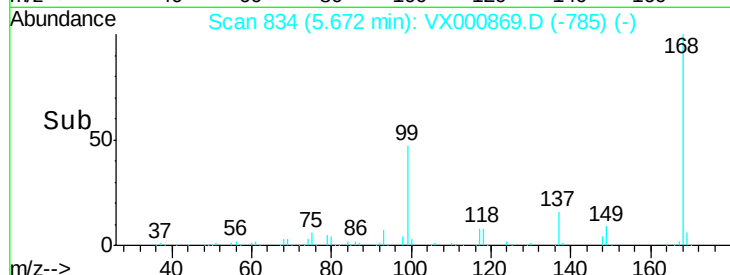
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.73 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000869.D

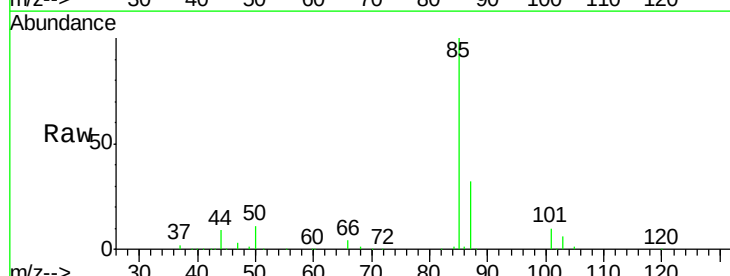
Acq: 14 Apr 2018 12:34

Tgt Ion: 85 Resp: 60264

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

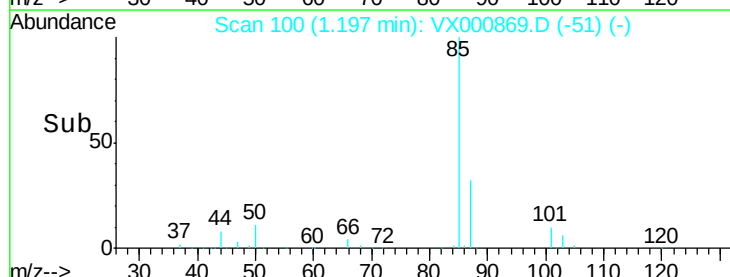
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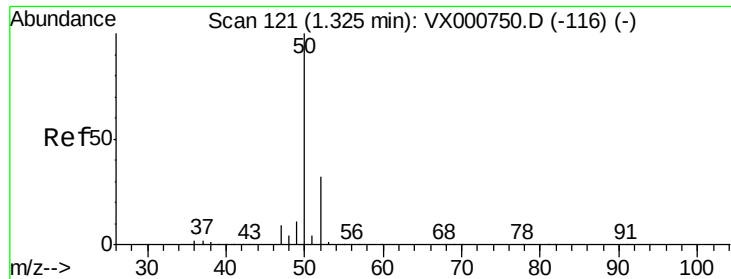
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tot Ion: 50 Resp: 48836

Ion Ratio Lower Upper

50 100

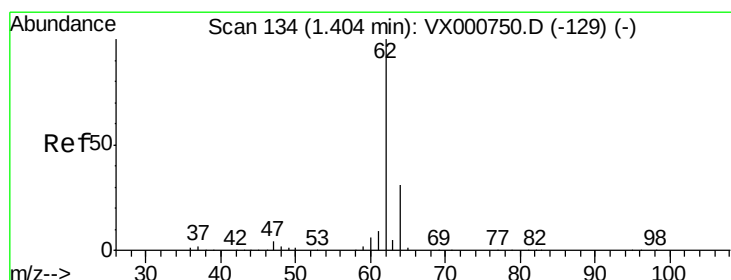
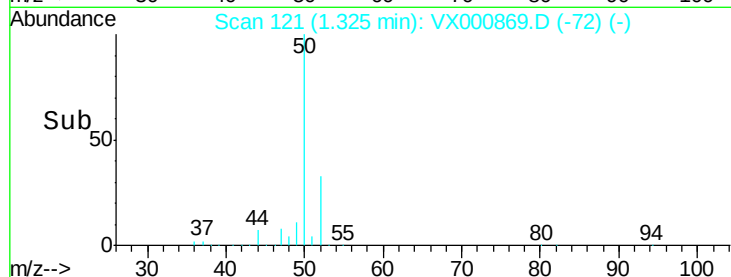
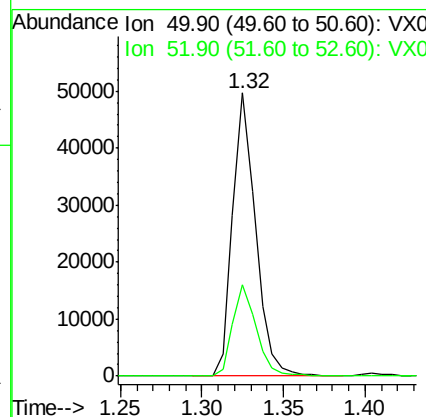
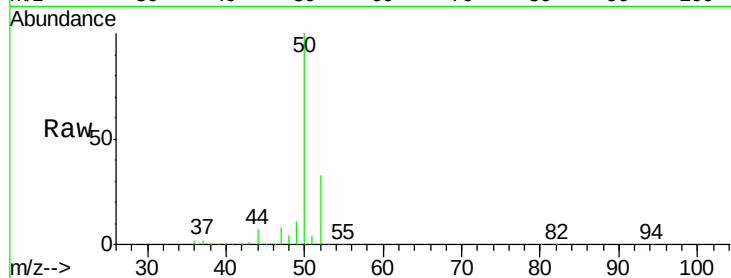
52 32.5 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.61 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000869.D

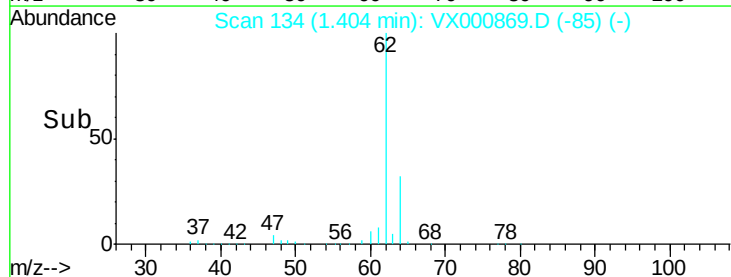
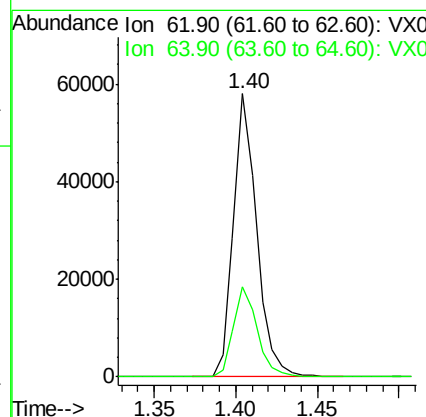
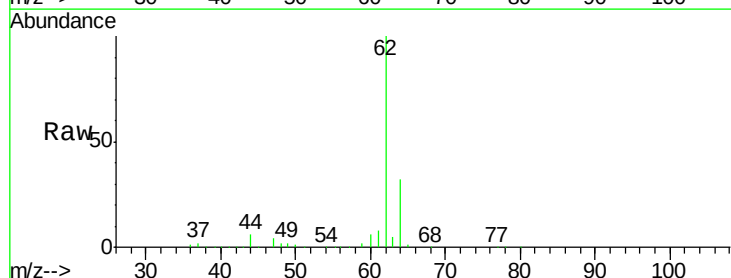
Acq: 14 Apr 2018 12:34

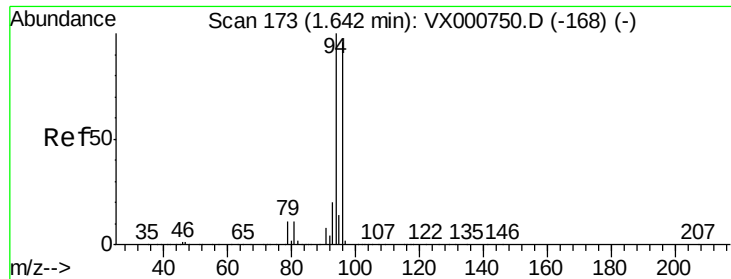
Tgt Ion: 62 Resp: 57792

Ion Ratio Lower Upper

62 100

64 31.8 24.6 36.8





#5

Bromomethane

Concen: 25.36 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tot Ion: 94 Resp: 30216

Ion Ratio Lower Upper

94 100

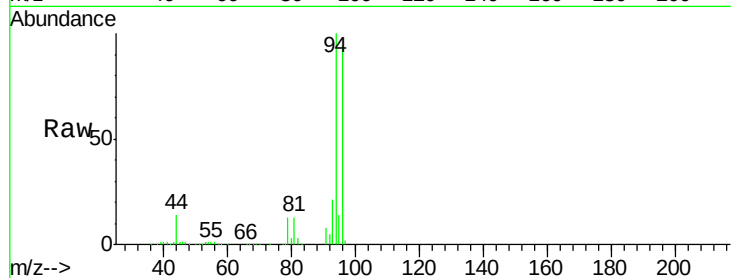
96 94.3 77.0 115.6

Manual Integrations

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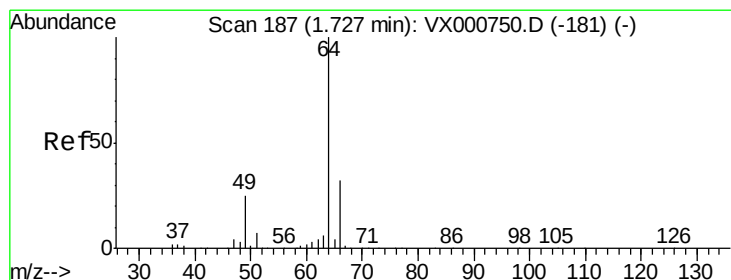
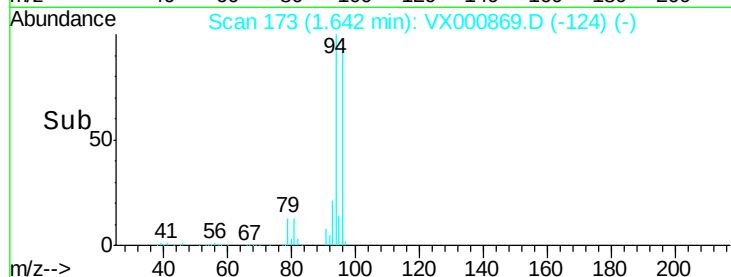
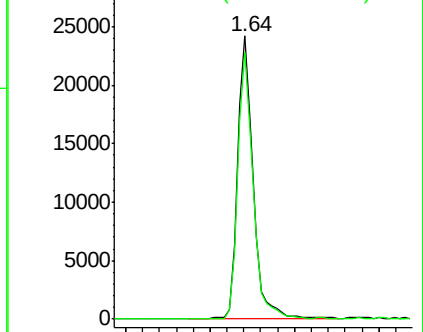
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.85 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000869.D

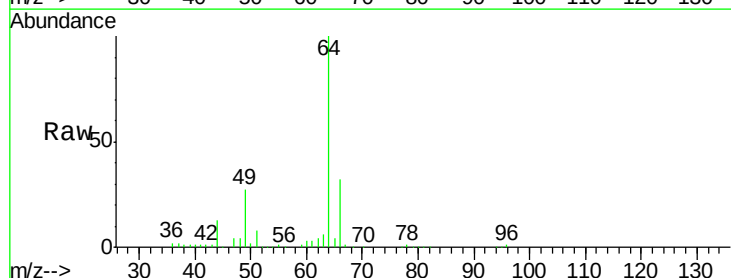
Acq: 14 Apr 2018 12:34

Tgt Ion: 64 Resp: 33724

Ion Ratio Lower Upper

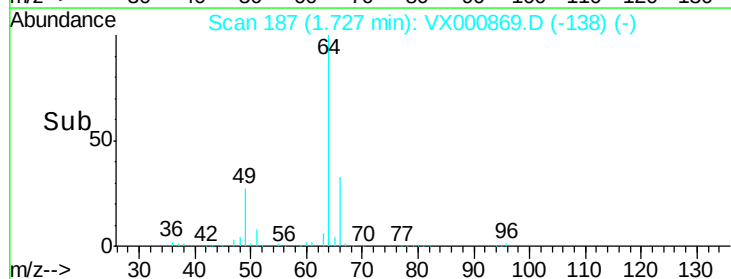
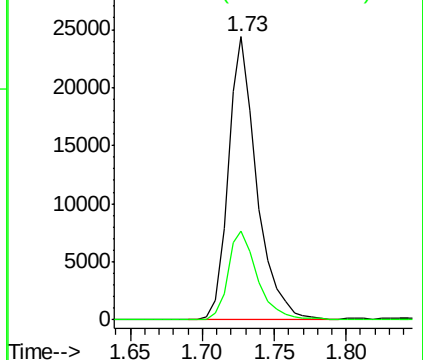
64 100

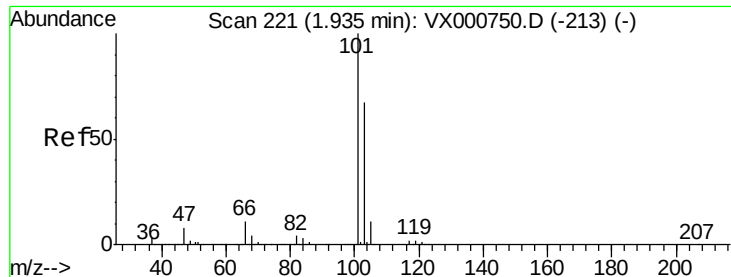
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

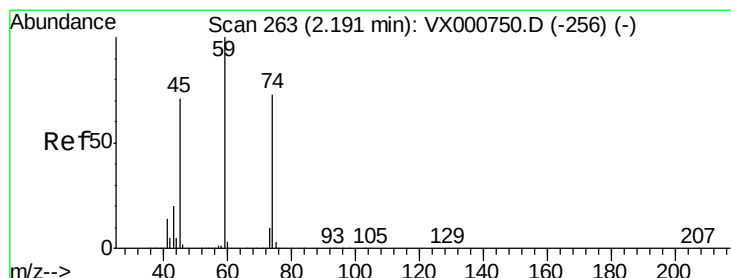
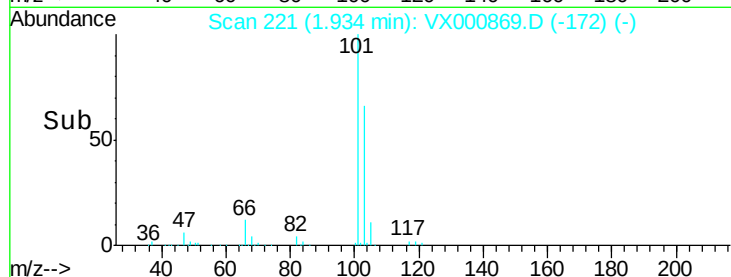
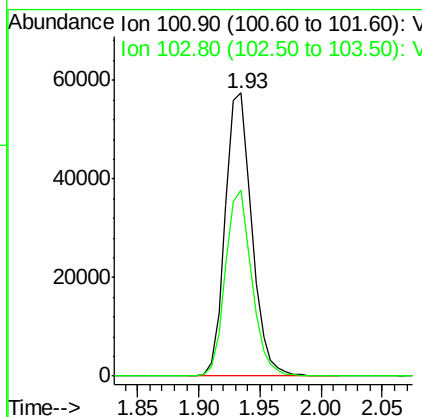
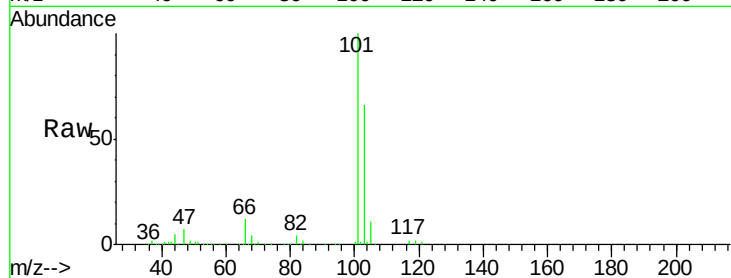
Trichlorofluoromethane
 Concen: 20.44 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

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 VX0414WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	53.2	79.8

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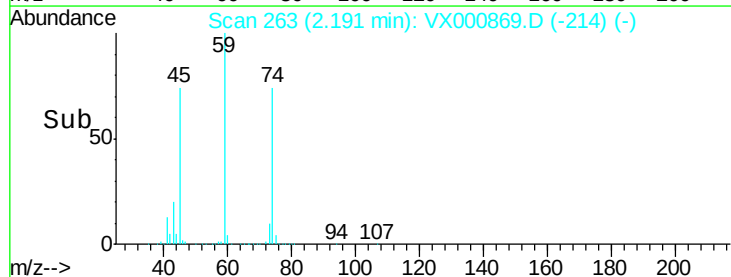
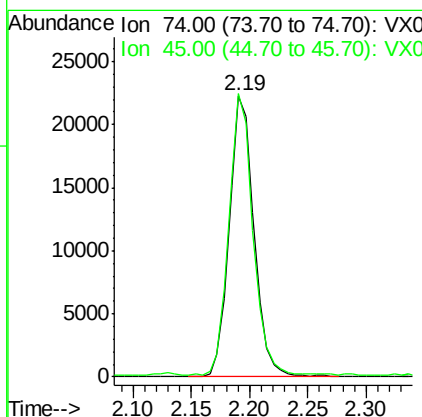
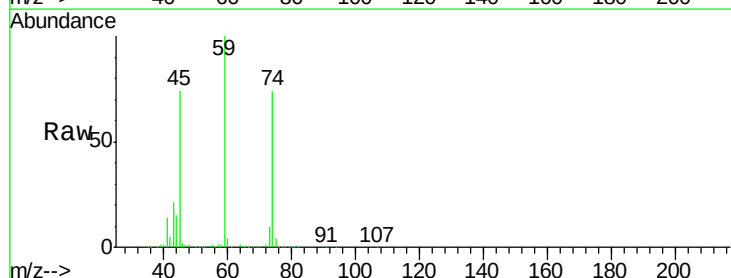
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 4/16/2018 12:51:33 PM

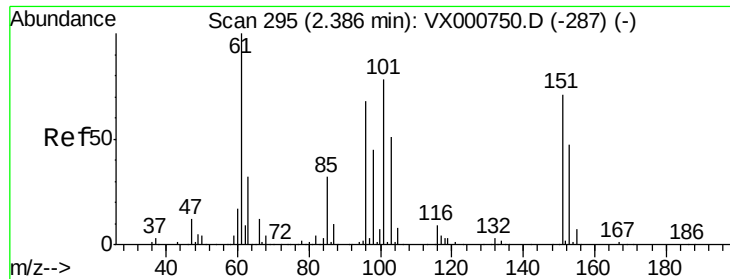


#8

Diethyl Ether
 Concen: 20.85 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

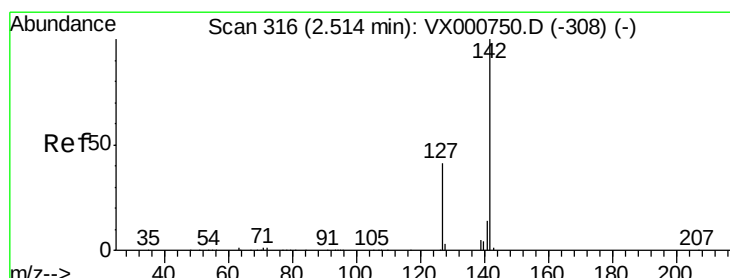
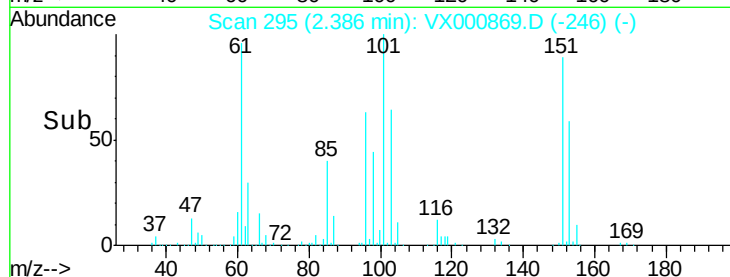
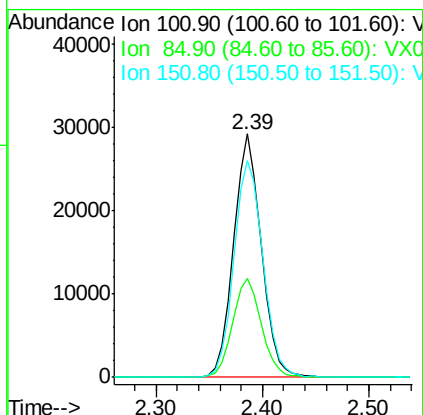
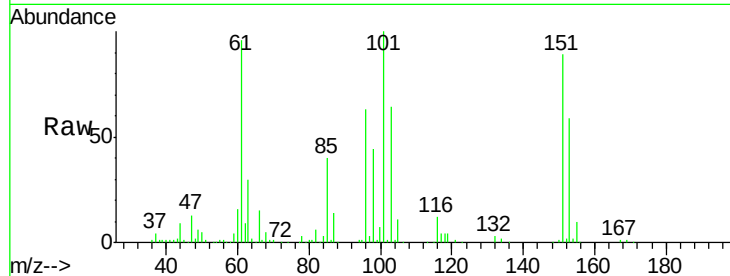
ClientSampleId :

VX0414WBS01

Tot Ion:	101	Resp:	53488
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.0	51.0
151	93.4	75.8	113.8

Manual Integrations
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#10

Methyl Iodide

Concen: 18.01 ug/l

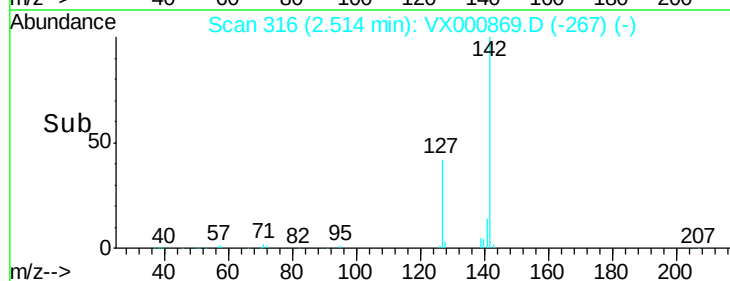
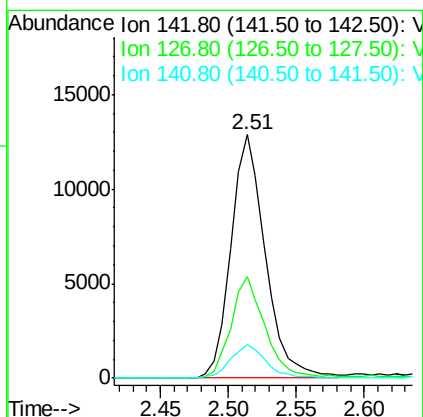
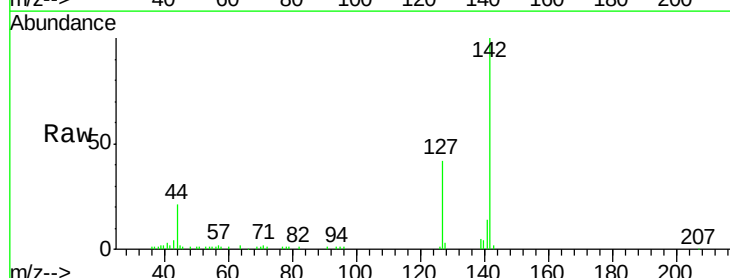
RT: 2.51 min Scan# 316

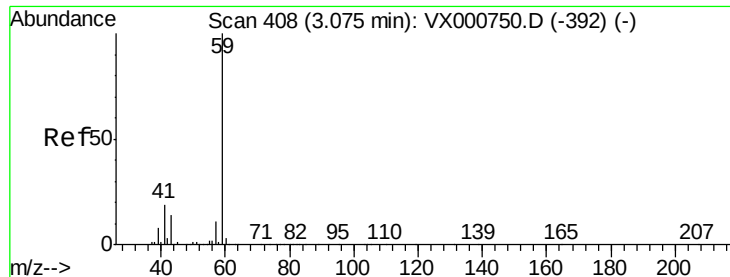
Delta R.T. 0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion:	142	Resp:	22711
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.6	49.0
141	14.2	11.5	17.3





#11

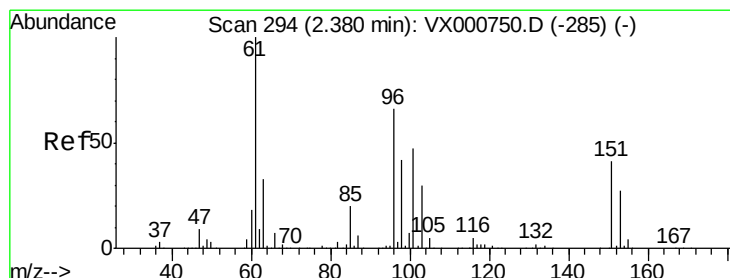
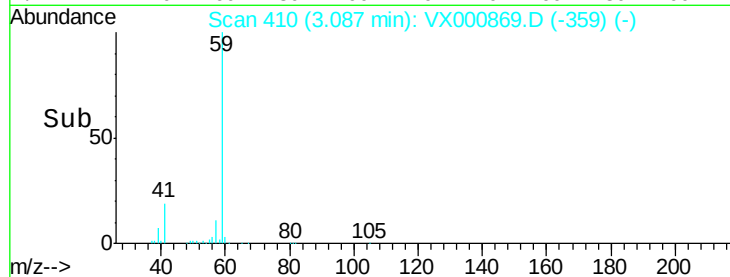
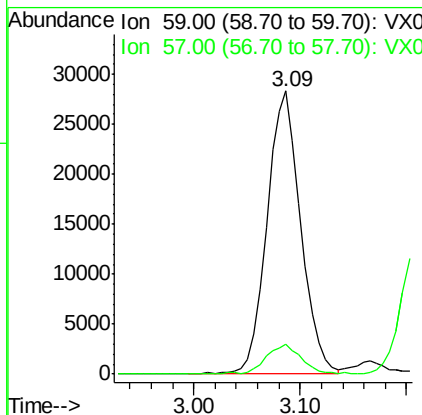
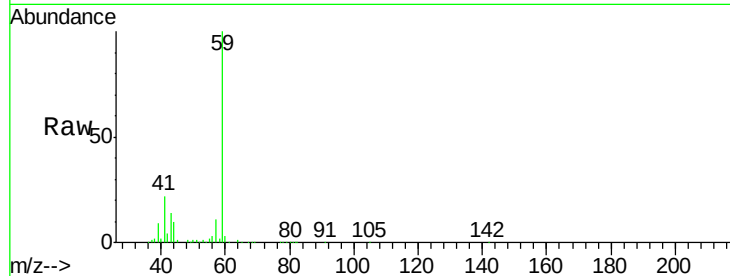
Tert butyl alcohol
Concen: 108.01 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	62264		
57	57	10.7		8.4	12.6

Manual Integrations
APPROVED

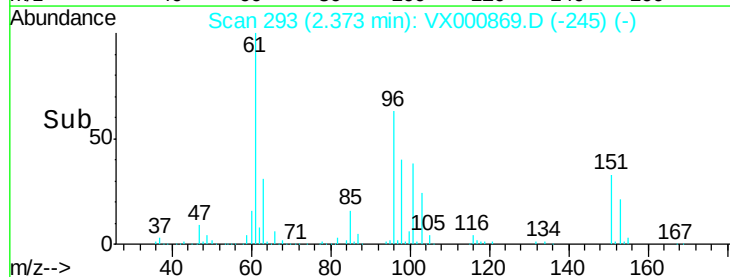
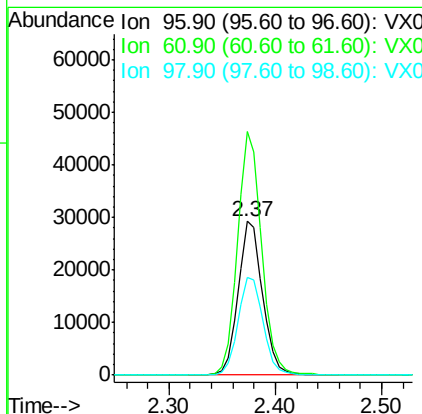
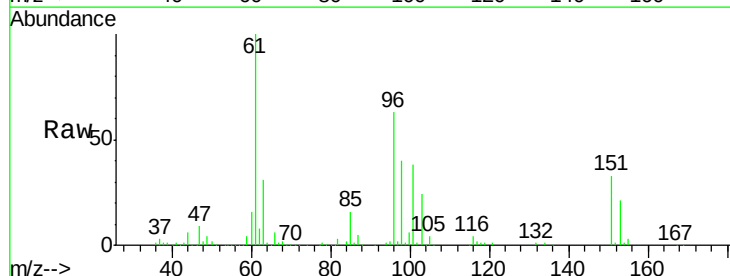
MMDadoda
4/16/2018 12:51:33 PM

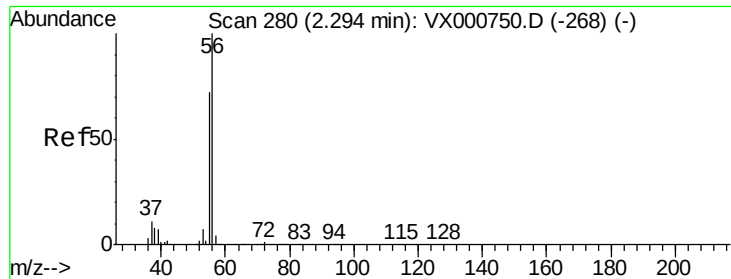


#12

1,1-Dichloroethene
Concen: 20.07 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	47446		
61	61	158.2		120.5	180.7
98	98	63.6		50.9	76.3





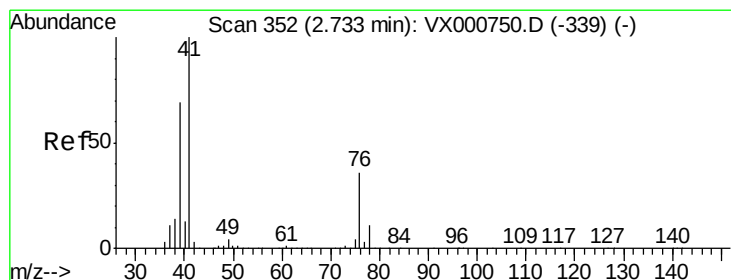
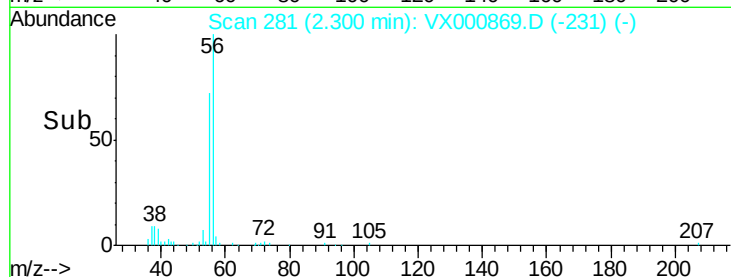
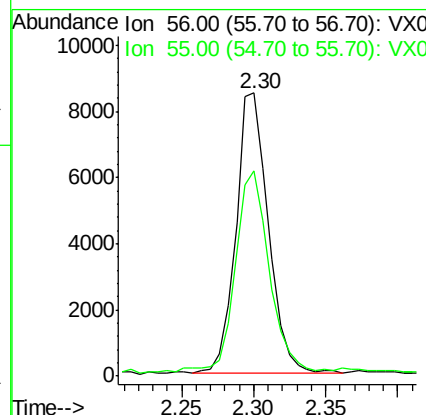
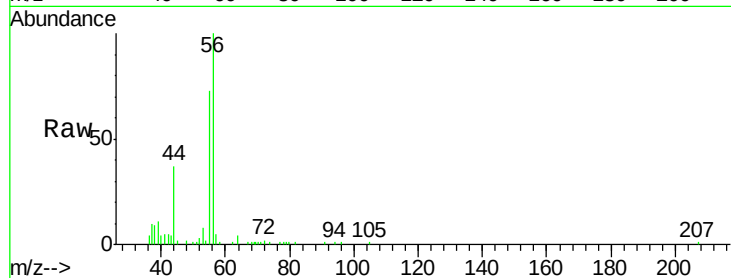
#13
Acrolein
Concen: 47.43 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	56	Resp	13279
Ion Ratio	100	Lower	Upper
55	75.3	58.7	88.1

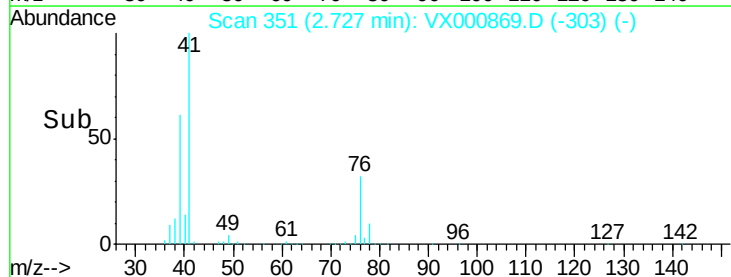
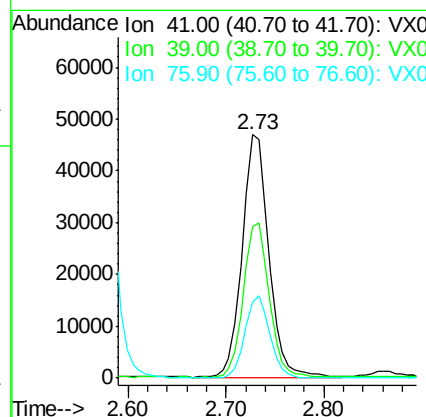
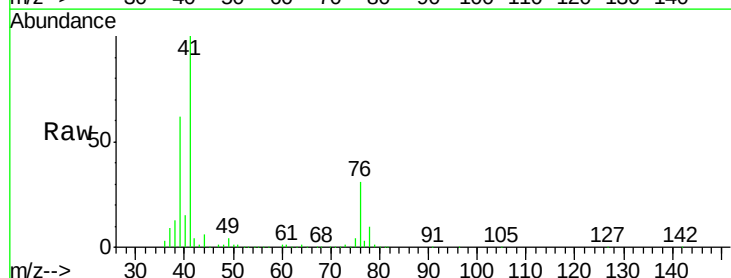
Manual Integrations
APPROVED

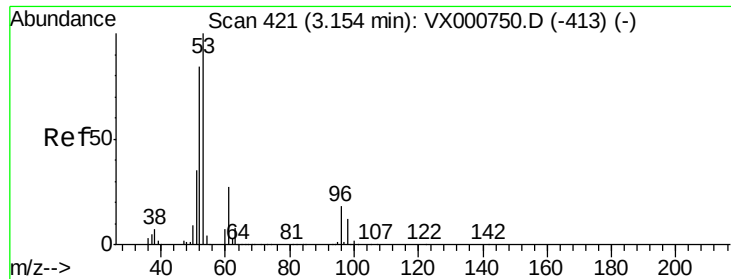
MMDadoda
4/16/2018 12:51:33 PM



#14
Allyl chloride
Concen: 20.24 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	41	Resp	88441
Ion Ratio	100	Lower	Upper
39	61.9	51.5	77.3
76	31.8	26.5	39.7





#15

Acrylonitrile

Concen: 114.49 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

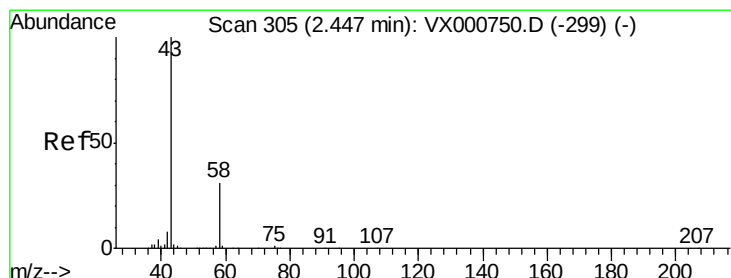
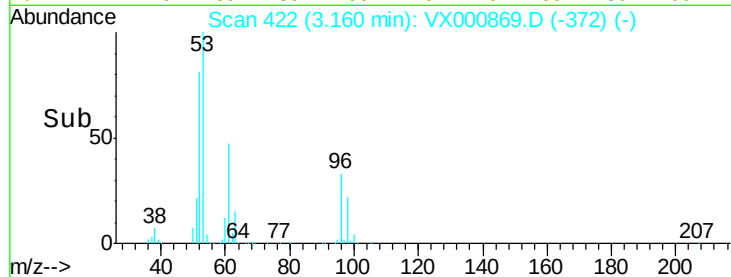
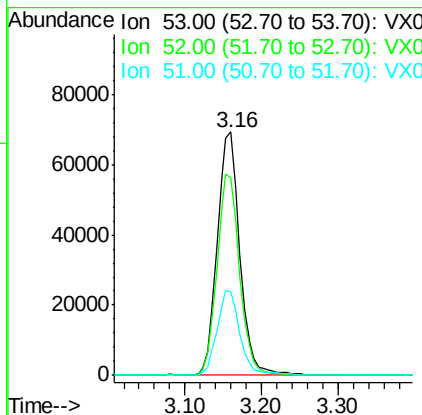
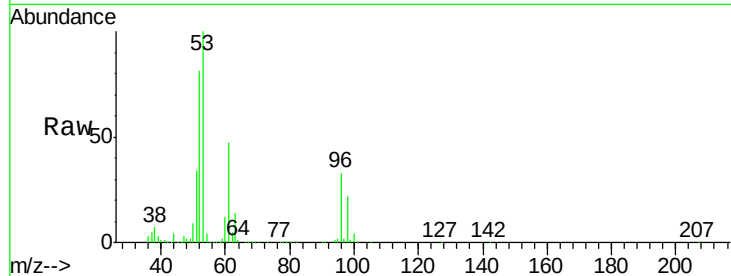
ClientSampleId :

VX0414WBS01

Tot Ion:	53	Resp:	140711
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.5	99.7
51	35.4	28.8	43.2

Manual Integrations
APPROVED

MMDadoda
4/16/2018 12:51:33 PM



#16

Acetone

Concen: 115.18 ug/l

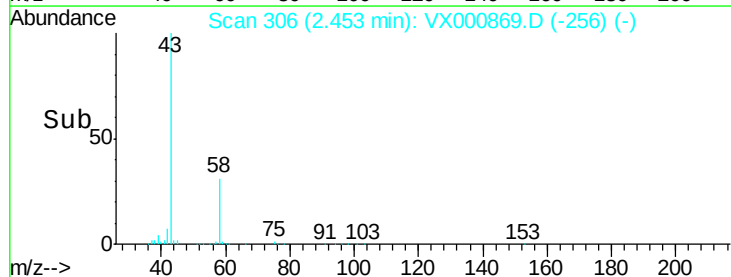
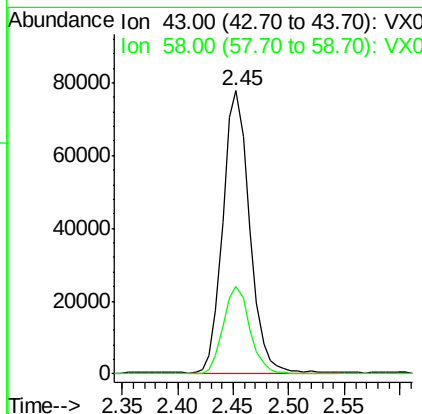
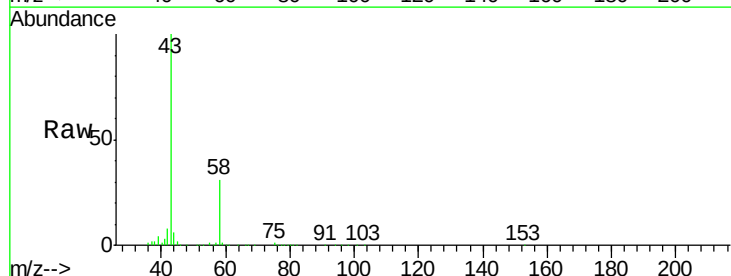
RT: 2.45 min Scan# 306

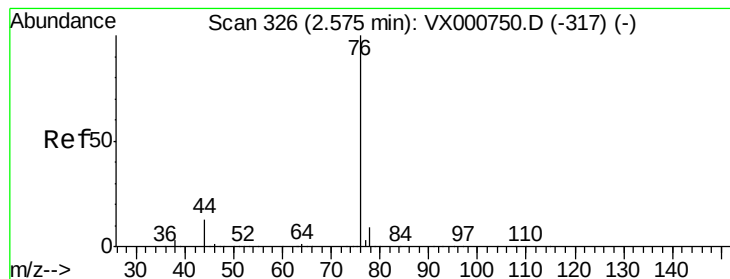
Delta R.T. 0.01 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion:	43	Resp:	128968
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.6	37.0





#17

Carbon Disulfide

Concen: 17.11 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tot Ion: 76 Resp: 122421

Ion Ratio Lower Upper

76 100

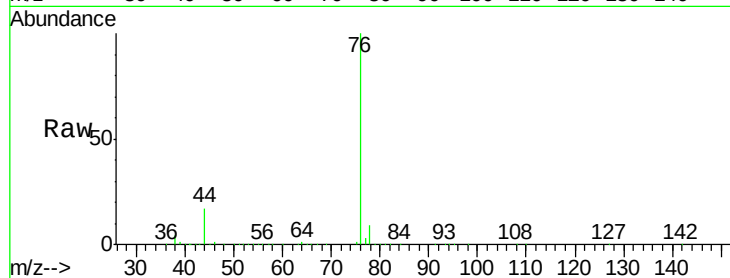
78 8.8 7.4 11.2

Manual Integrations

APPROVED

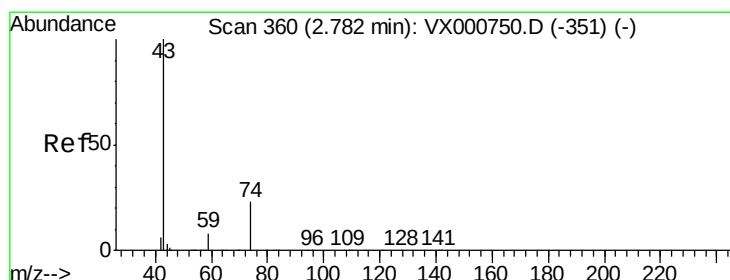
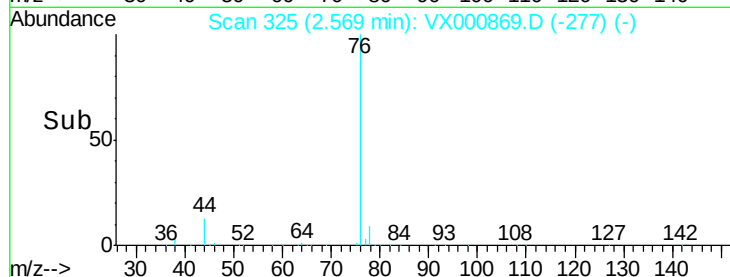
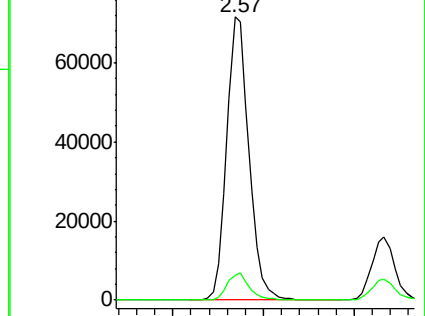
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.06 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000869.D

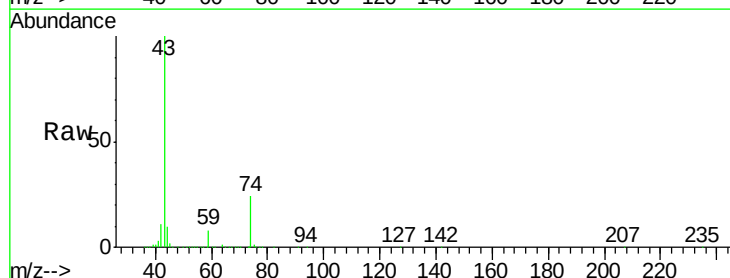
Acq: 14 Apr 2018 12:34

Tgt Ion: 43 Resp: 69713

Ion Ratio Lower Upper

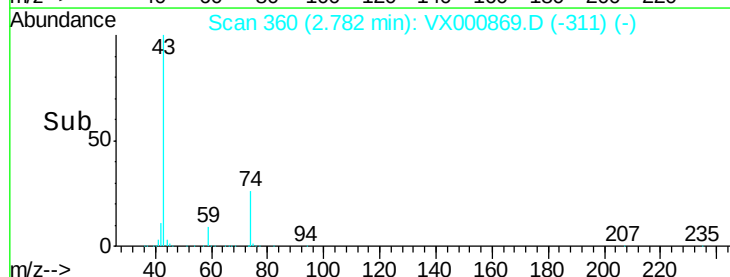
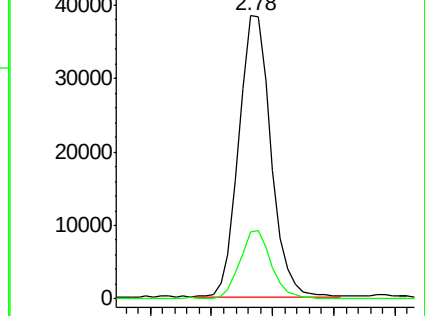
43 100

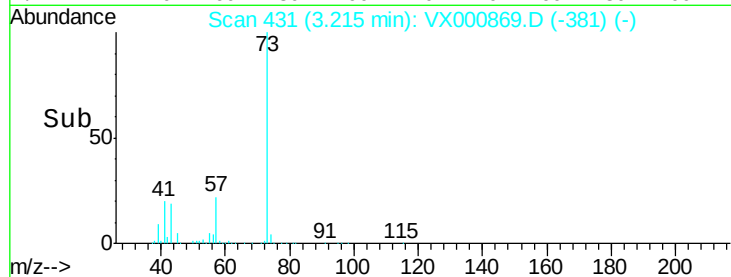
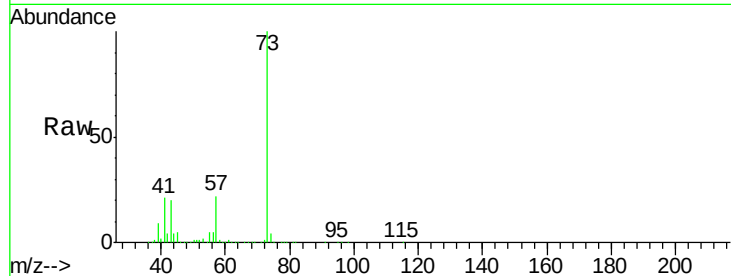
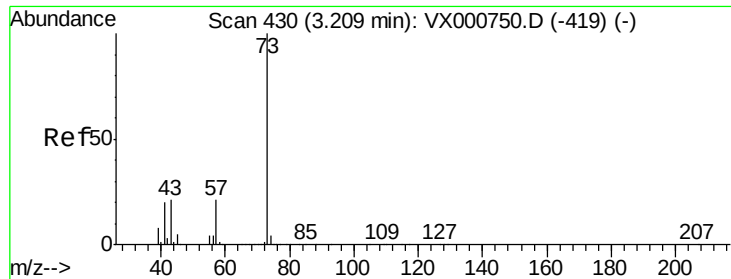
74 23.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





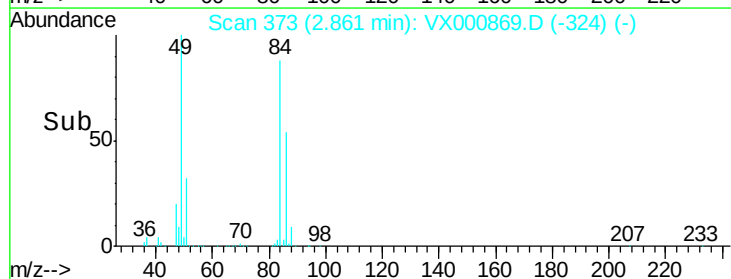
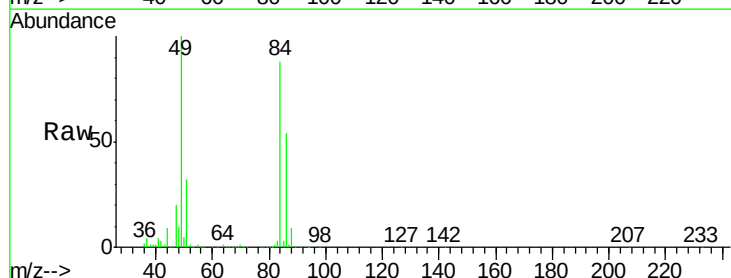
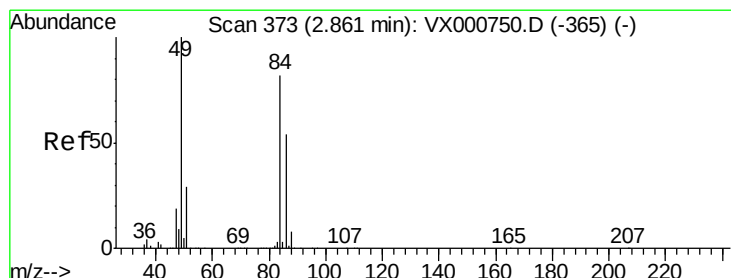
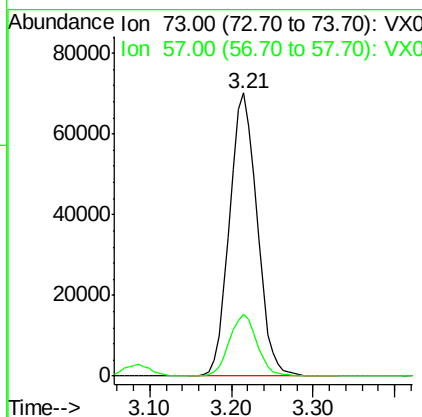
#19
Methyl tert-butyl Ether
Concen: 20.82 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tot Ion	73	Resp	163938
Ion Ratio	100	Lower	Upper
73	100		
57	21.8	16.9	25.3

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

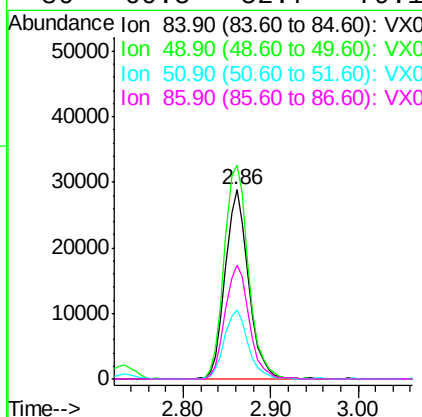
Manual Integrations
APPROVED

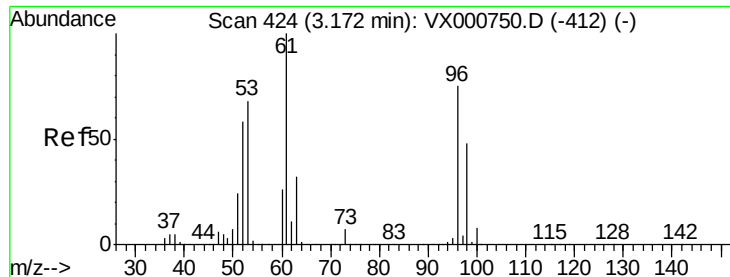
MMDadoda
4/16/2018 12:51:33 PM



#20
Methylene Chloride
Concen: 20.56 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	84	Resp	53556
Ion Ratio	100	Lower	Upper
84	100		
49	113.1	98.1	147.1
51	36.0	28.9	43.3
86	60.5	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 20.05 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tot Ion: 96 Resp: 52266

Ion Ratio Lower Upper

96 100

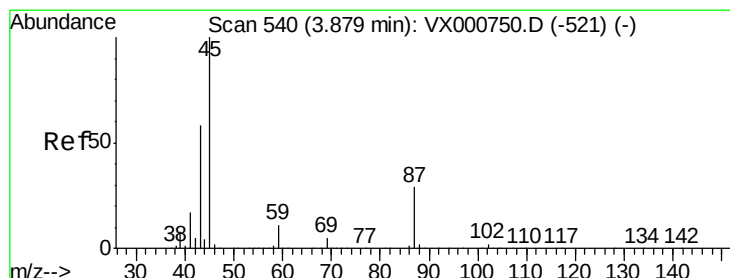
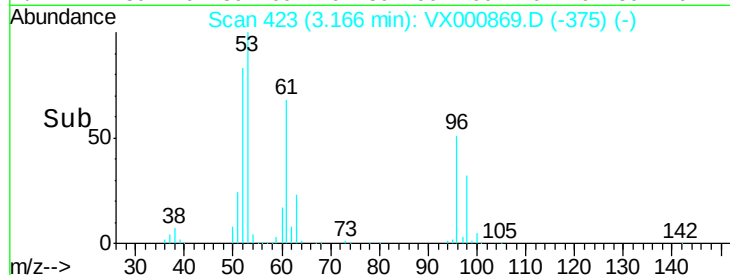
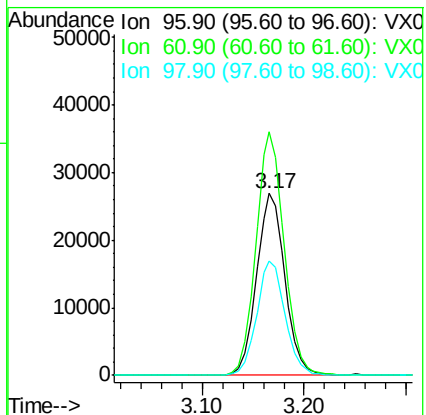
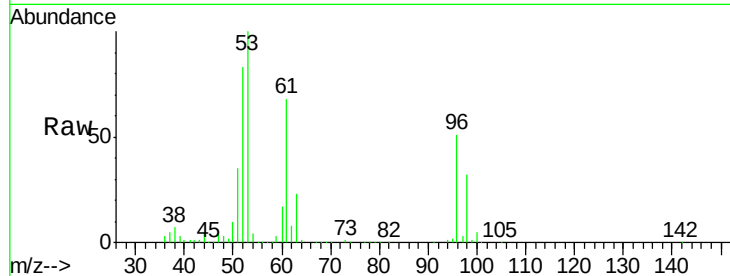
61 133.5 106.2 159.2

98 62.6 51.2 76.8

Manual Integrations
APPROVED

MMDadoda

4/16/2018 12:51:33 PM



#22

Diisopropyl ether

Concen: 21.53 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion: 45 Resp: 172902

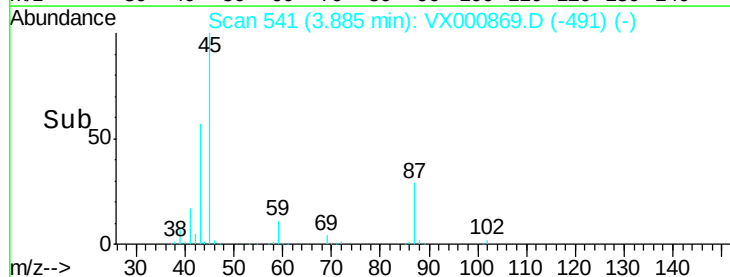
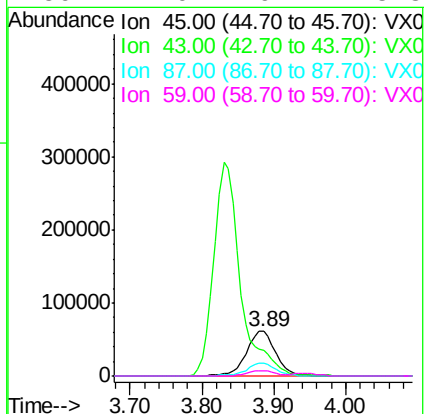
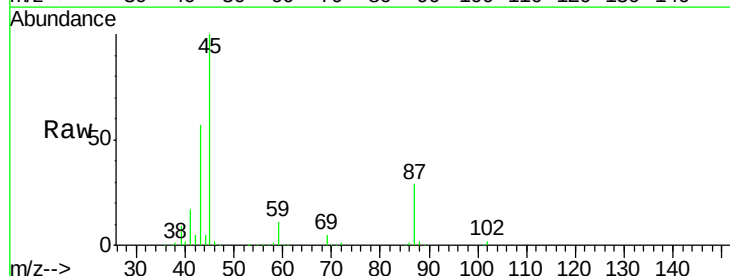
Ion Ratio Lower Upper

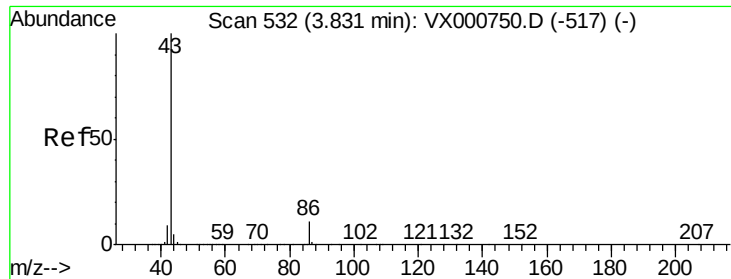
45 100

43 56.0 46.6 69.8

87 29.1 22.9 34.3

59 11.0 9.2 13.8





#23

Vinyl Acetate

Concen: 107.34 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX0414WBS01

Tot Ion: 43 Resp: 756887

Ion Ratio Lower Upper

43 100

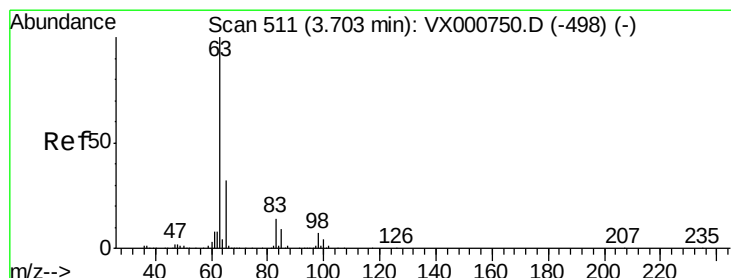
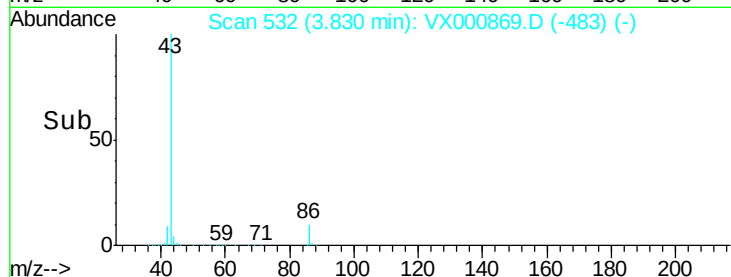
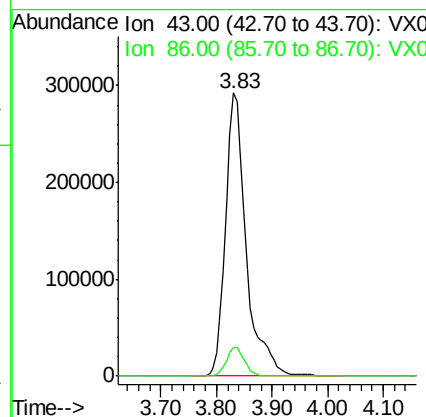
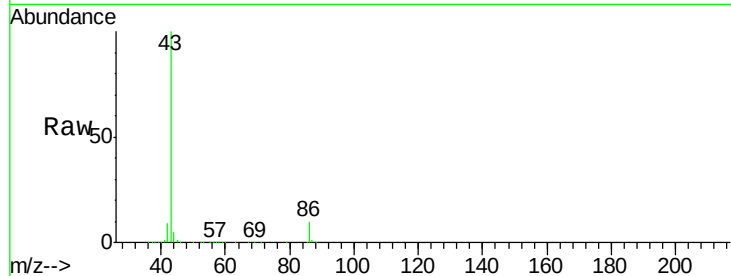
86 10.1 8.6 12.8

Manual Integrations

APPROVED

MMDadoda

4/16/2018 12:51:33 PM



#24

1,1-Dichloroethane

Concen: 21.59 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

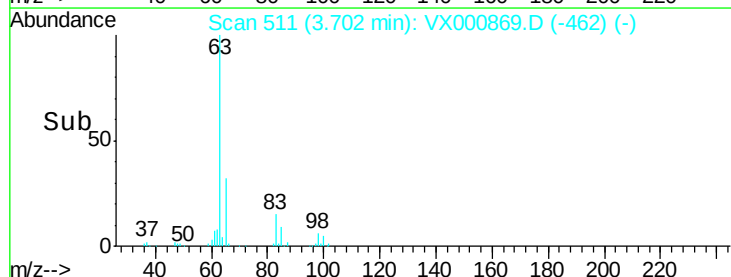
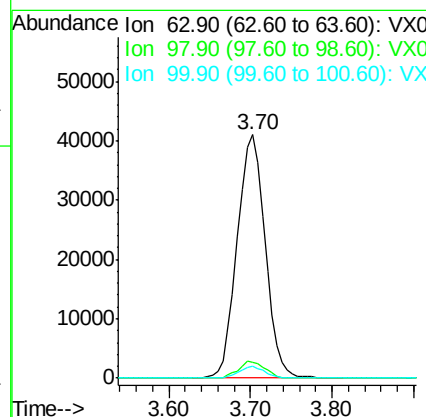
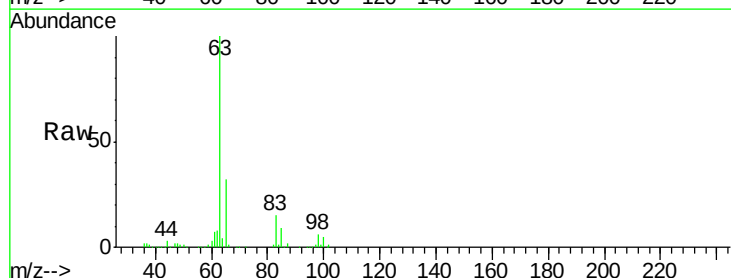
Tgt Ion: 63 Resp: 97309

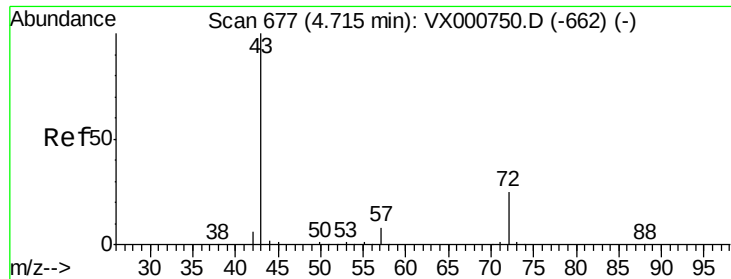
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 114.38 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tot Ion: 43 Resp: 211497

Ion Ratio Lower Upper

43 100

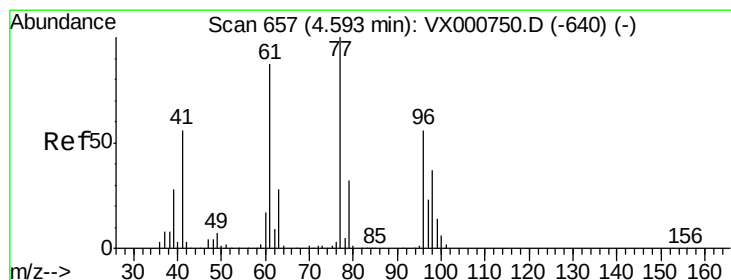
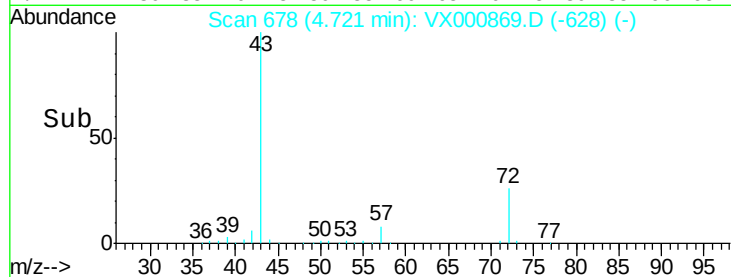
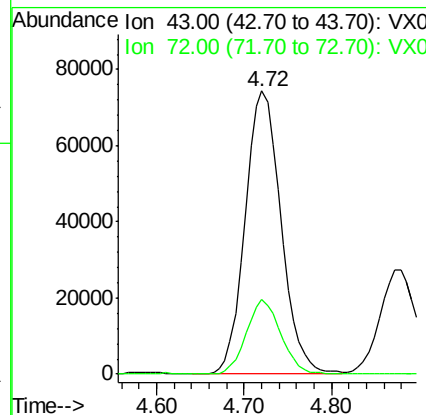
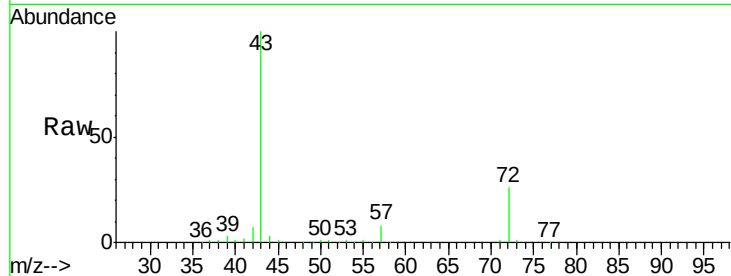
72 26.4 20.3 30.5

Manual Integrations

APPROVED

MMDadoda

4/16/2018 12:51:33 PM



#26

2,2-Dichloropropane

Concen: 19.17 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000869.D

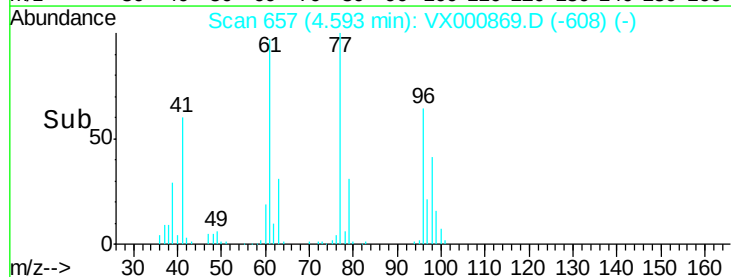
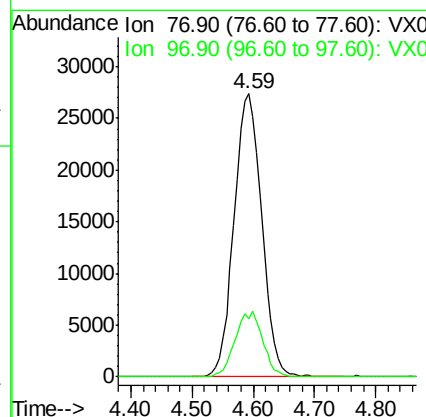
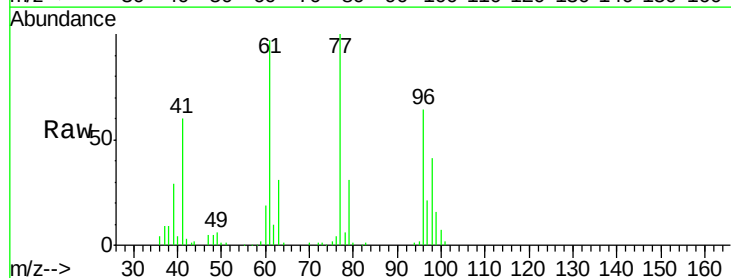
Acq: 14 Apr 2018 12:34

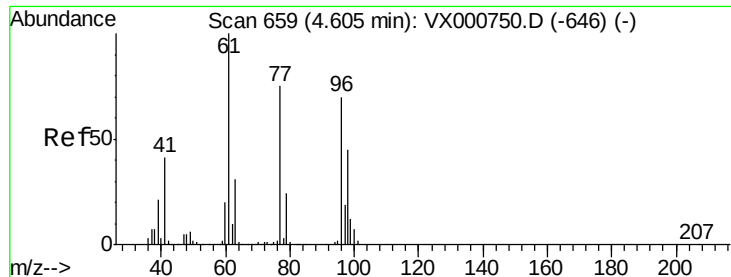
Tgt Ion: 77 Resp: 85745

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 20.96 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

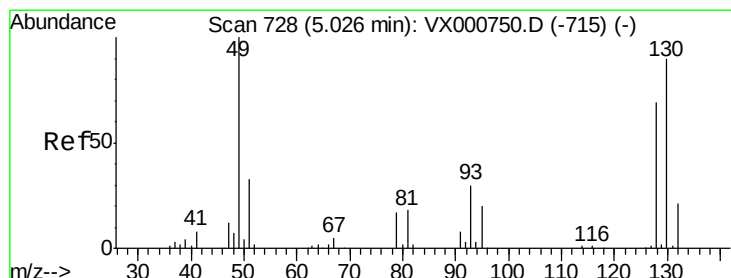
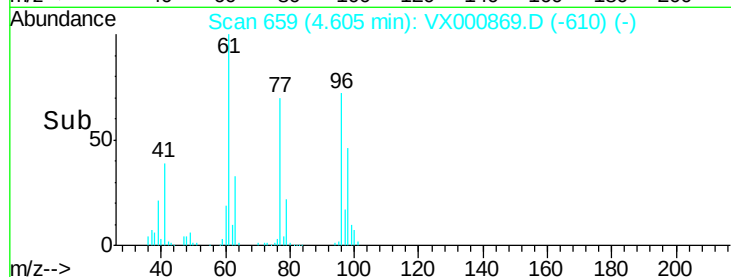
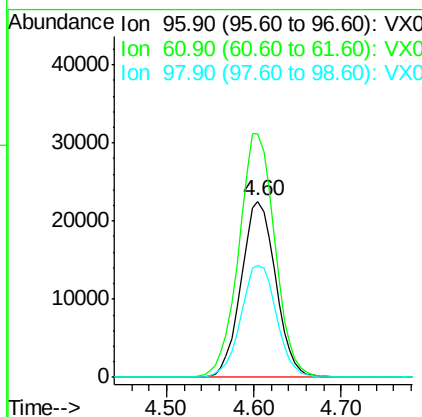
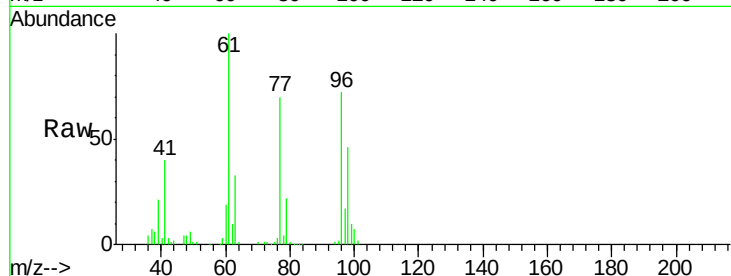
ClientSampleId :

VX0414WBS01

Tot Ion:	96	Resp:	61981
Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	292.4
98	65.6	0.0	130.2

Manual Integrations
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MMDadoda
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#28

Bromochloromethane

Concen: 19.76 ug/l

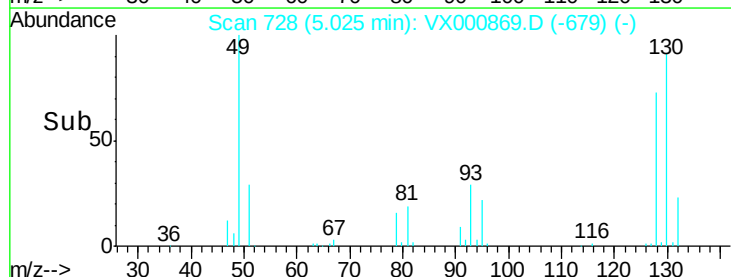
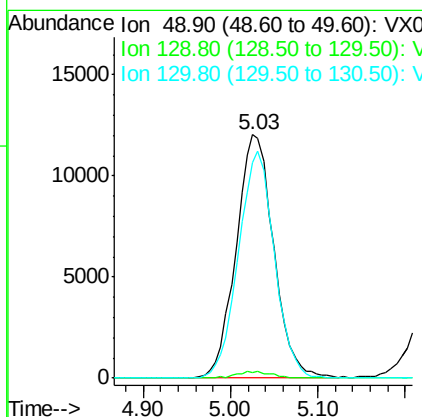
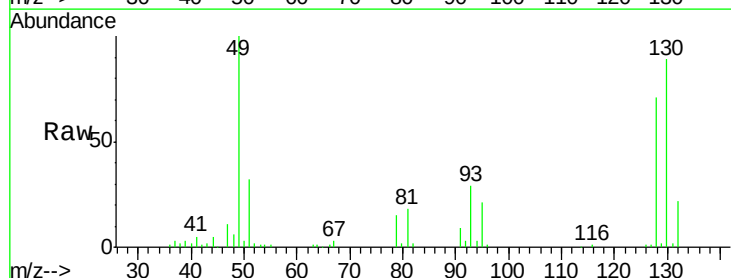
RT: 5.03 min Scan# 728

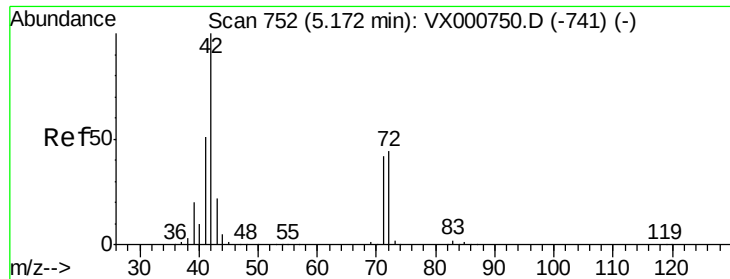
Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion:	49	Resp:	35866
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	89.3	72.6	109.0





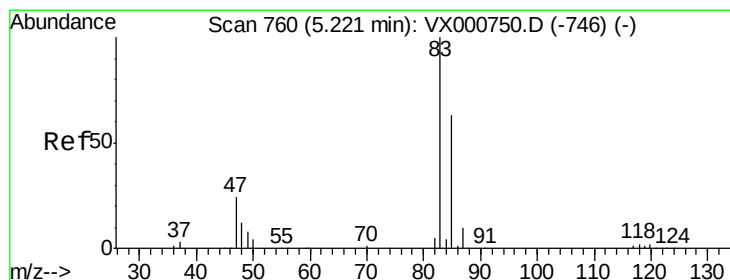
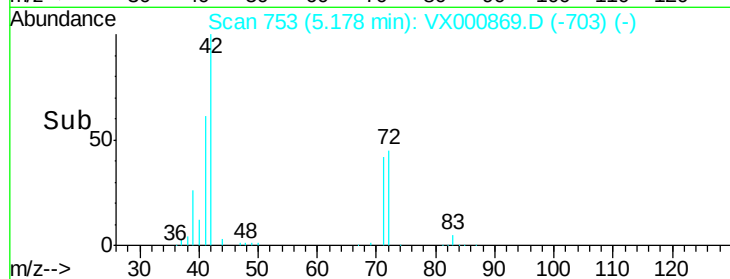
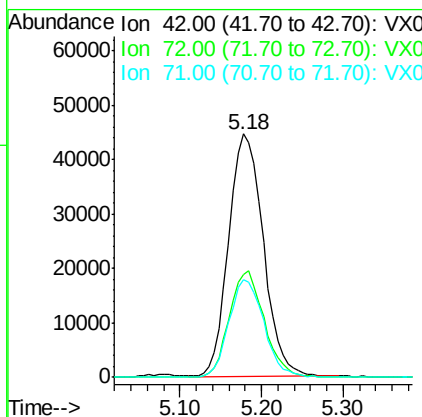
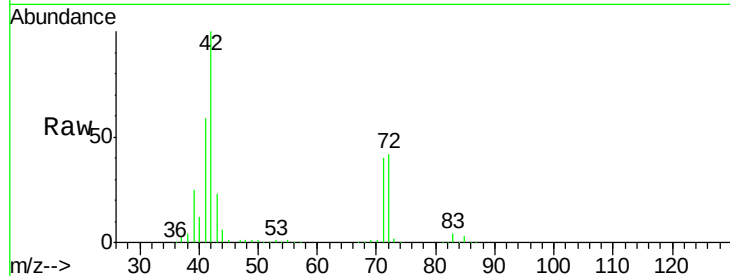
#29
Tetrahydrofuran
Concen: 111.95 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.1	52.7
71	40.8	32.8	49.2

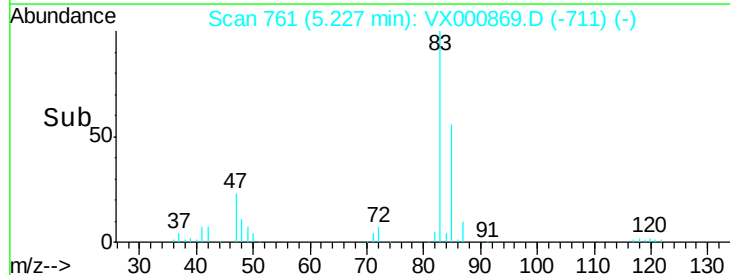
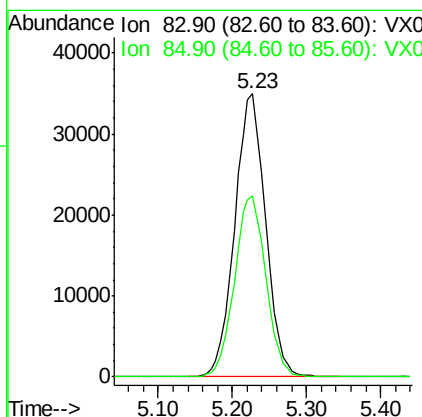
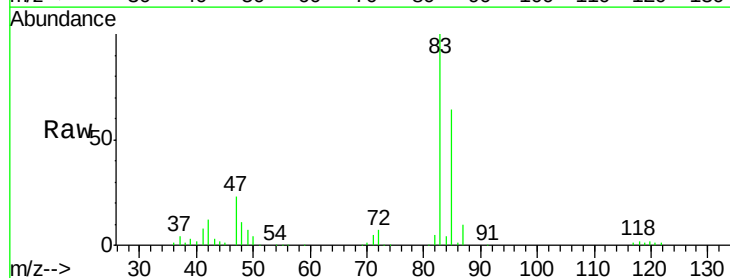
Manual Integrations
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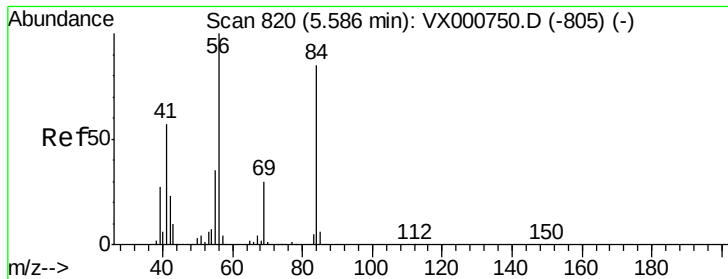
MMDadoda
4/16/2018 12:51:33 PM



#30
Chloroform
Concen: 21.26 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1





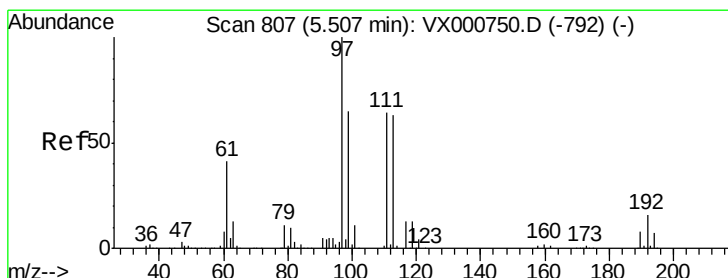
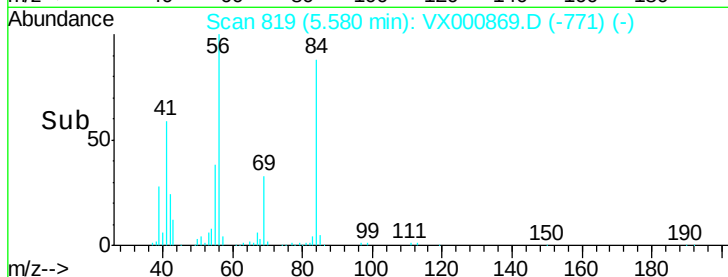
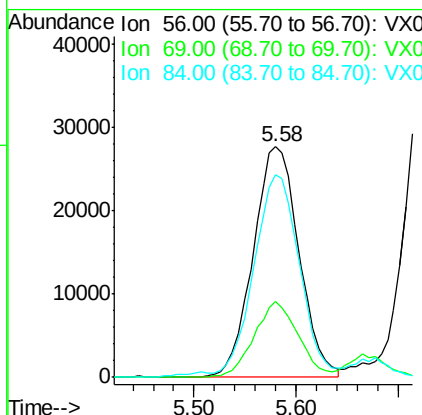
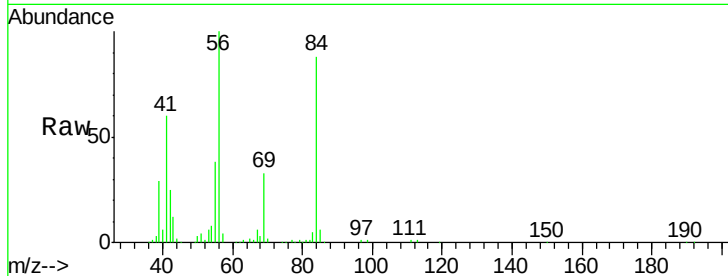
#31
Cyclohexane
Concen: 20.07 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.2	36.4
84	86.4	67.6	101.4

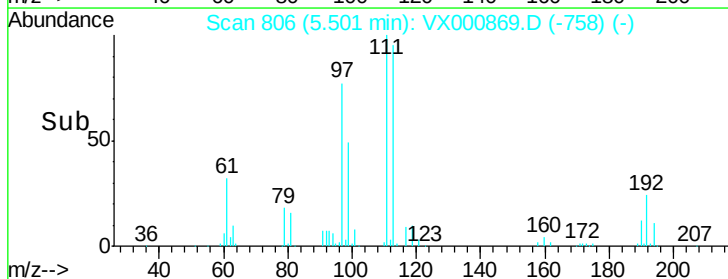
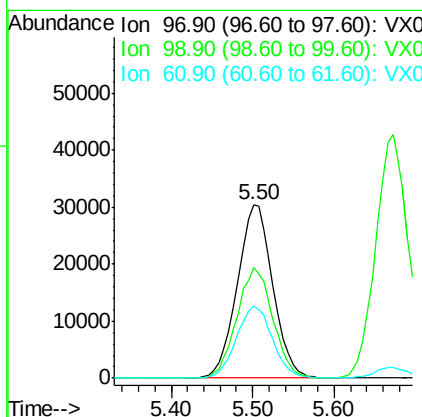
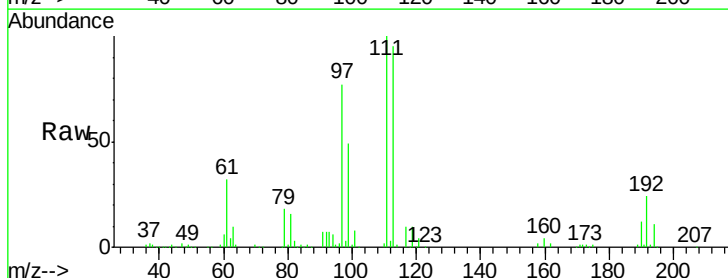
Manual Integrations
APPROVED

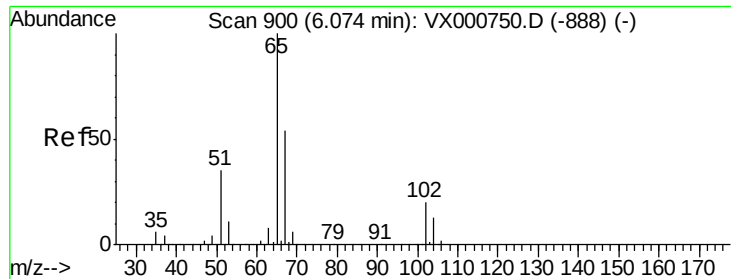
MMDadoda
4/16/2018 12:51:33 PM



#32
1,1,1-Trichloroethane
Concen: 20.18 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	42.0	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 47.41 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tot Ion: 65 Resp: 153938

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8

Instrument :

MSVOA_X

ClientSampleId :

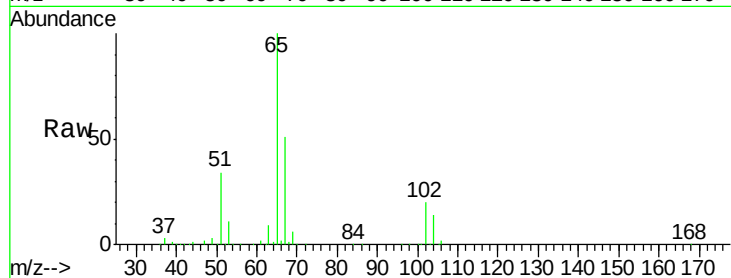
VX0414WBS01

Manual Integrations

APPROVED

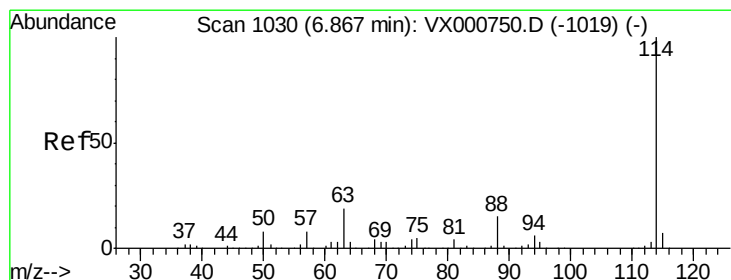
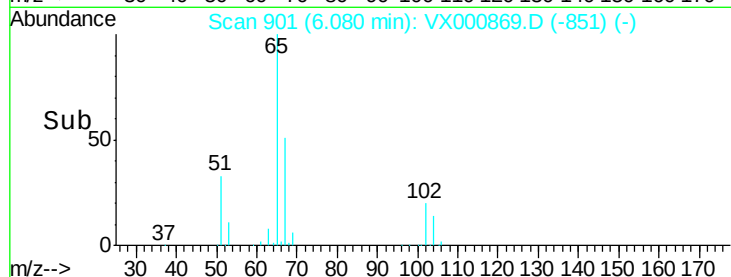
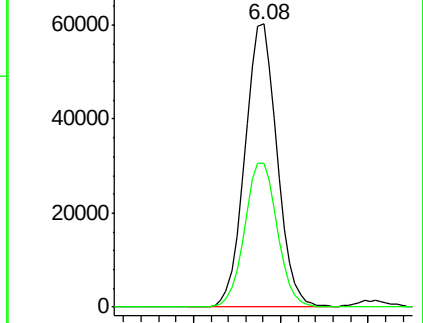
MMDadoda

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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# 1031

Delta R.T. 0.01 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

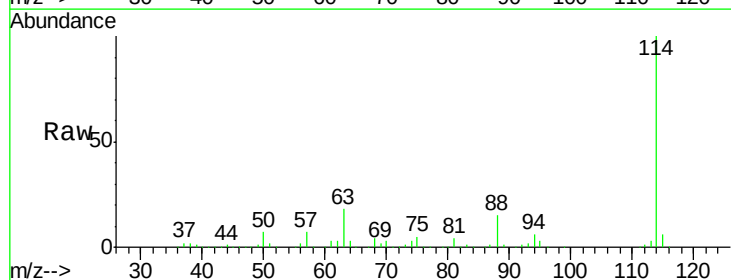
Tgt Ion: 114 Resp: 337419

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

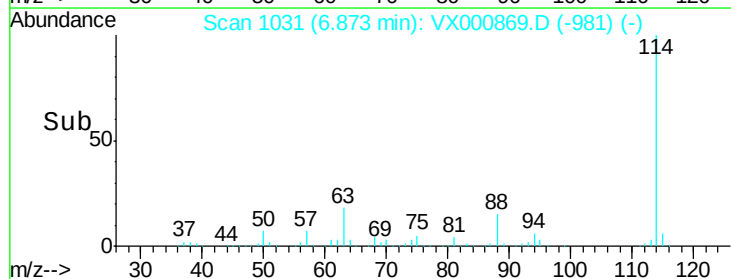
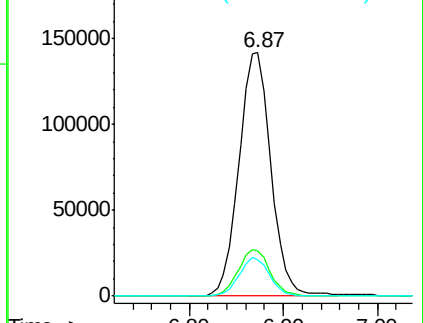
88 15.0 0.0 31.0

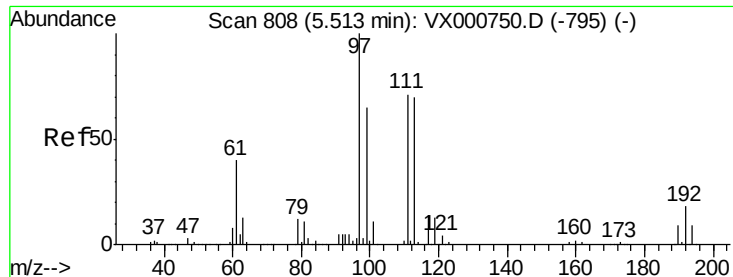


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





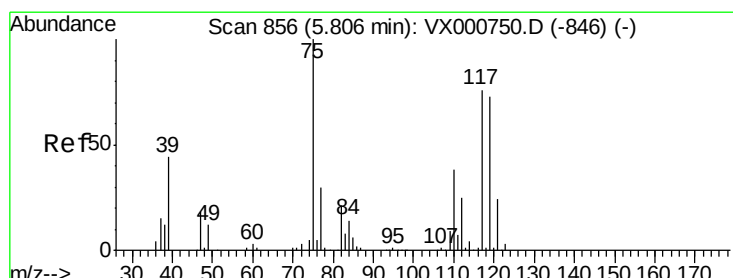
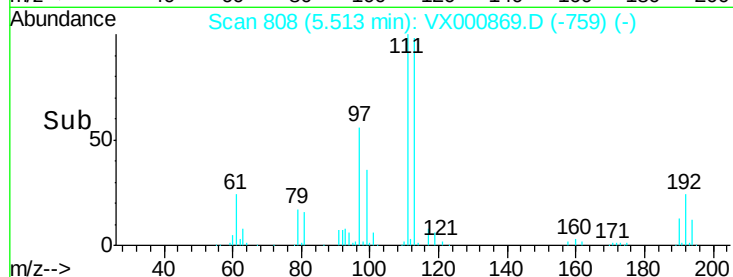
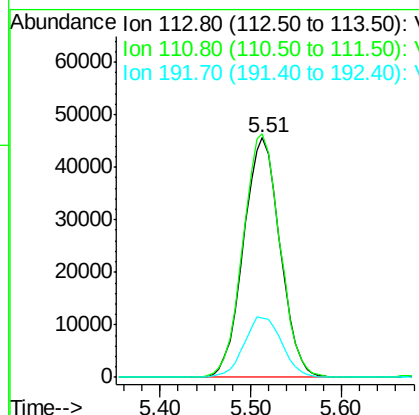
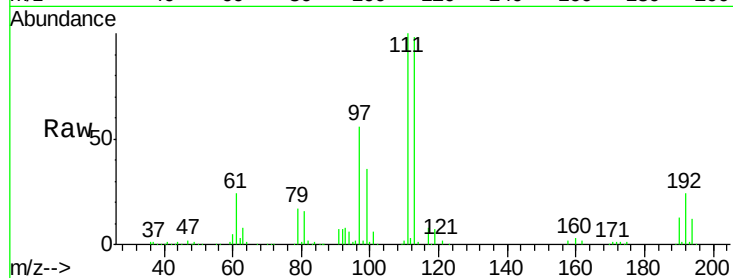
#35
 Dibromofluoromethane
 Concen: 49.10 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127636		
111	102.8	81.5	122.3	
192	26.2	20.4	30.6	

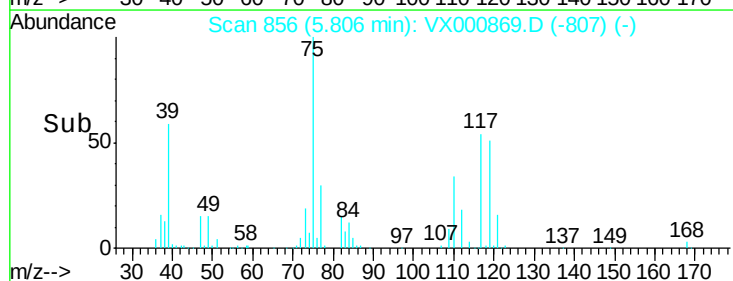
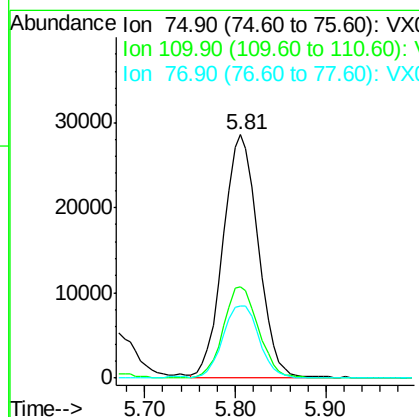
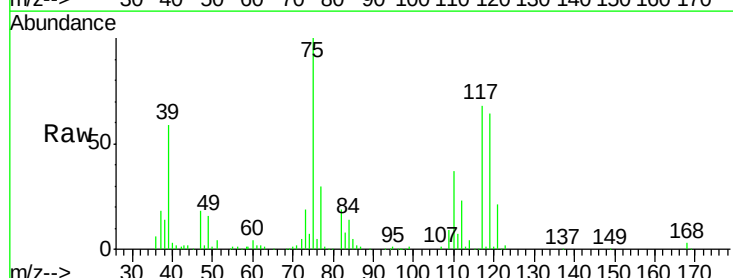
Manual Integrations
 APPROVED

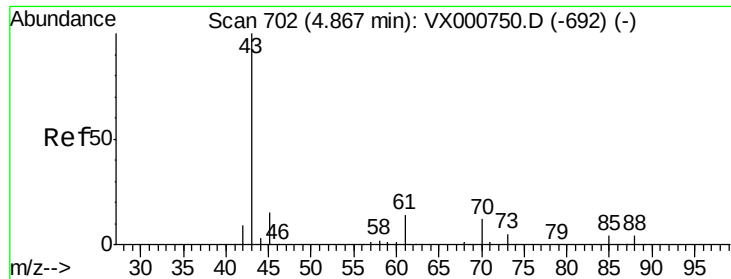
MMDadoda
 4/16/2018 12:51:33 PM



#36
 1,1-Dichloropropene
 Concen: 20.63 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76652		
110	37.8	19.2	57.6	
77	31.1	25.4	38.2	





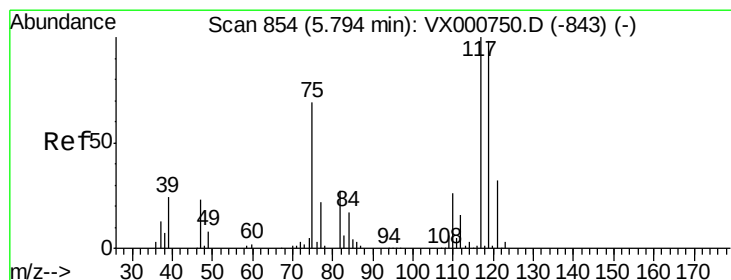
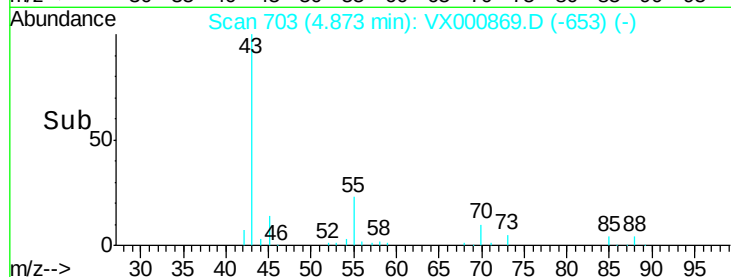
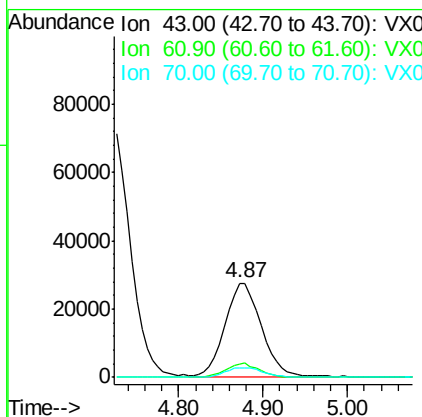
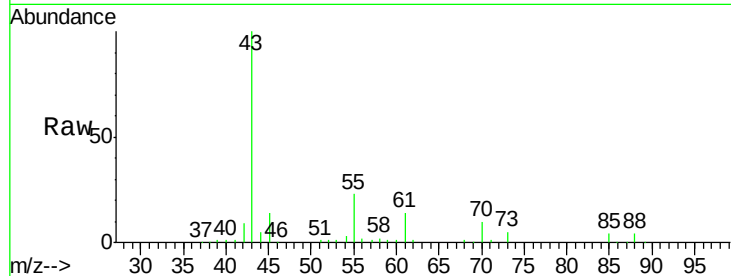
#37
Ethyl Acetate
Concen: 22.22 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.8	8.7	13.1

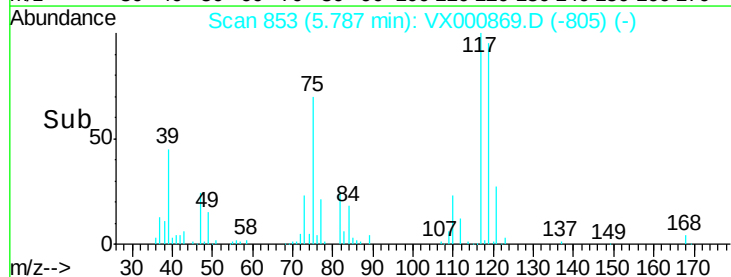
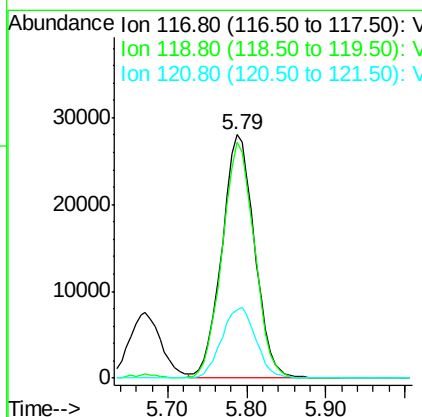
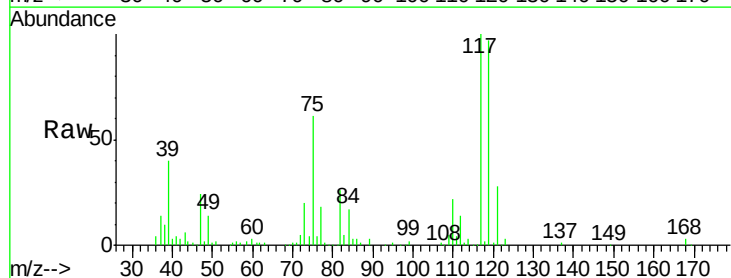
Manual Integrations
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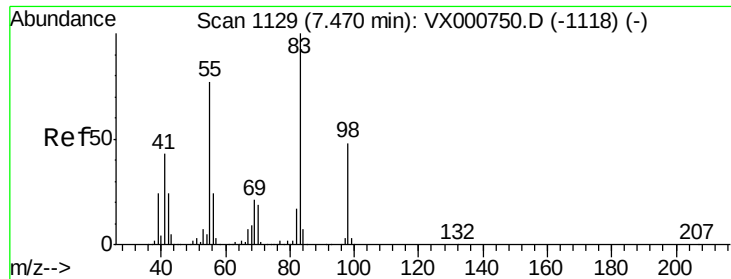
MMDadoda
4/16/2018 12:51:33 PM



#38
Carbon Tetrachloride
Concen: 19.38 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.4	117.6
121	28.0	25.4	38.0





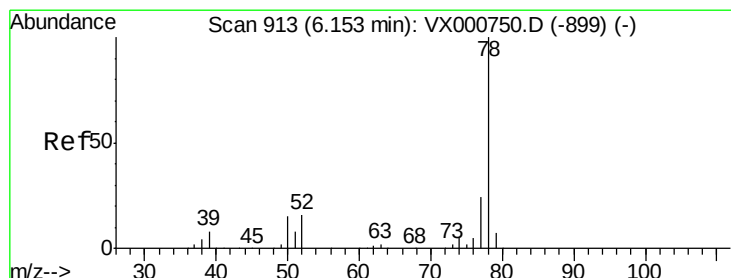
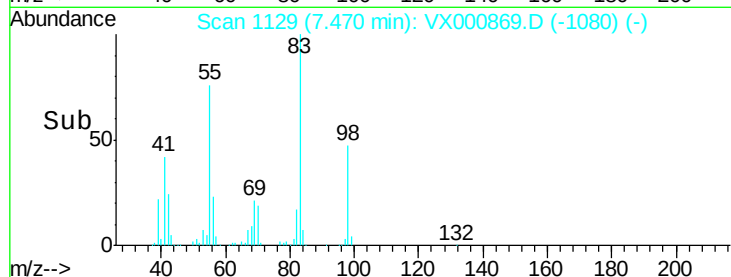
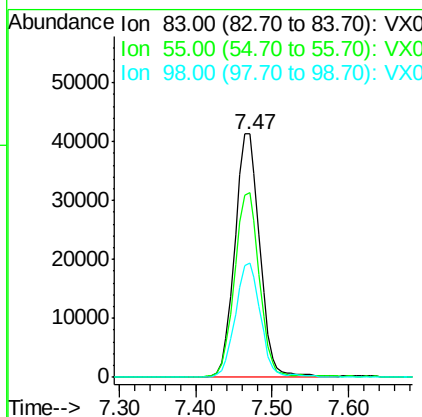
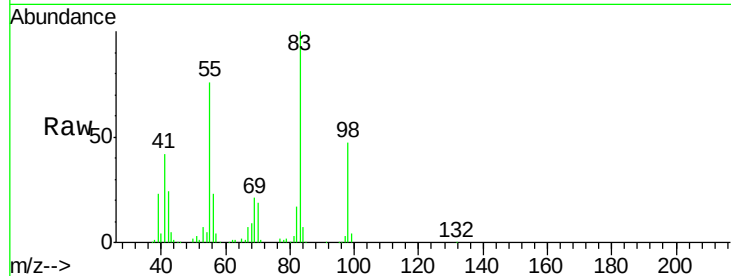
#39
Methylvlcyclohexane
Concen: 21.03 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.5	92.3
98	47.1	38.1	57.1

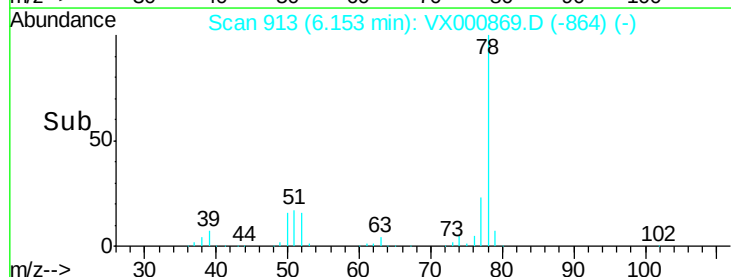
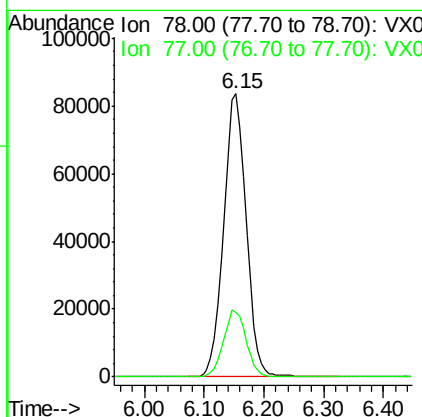
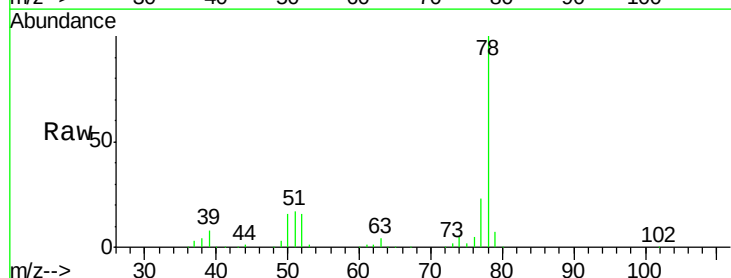
Manual Integrations
APPROVED

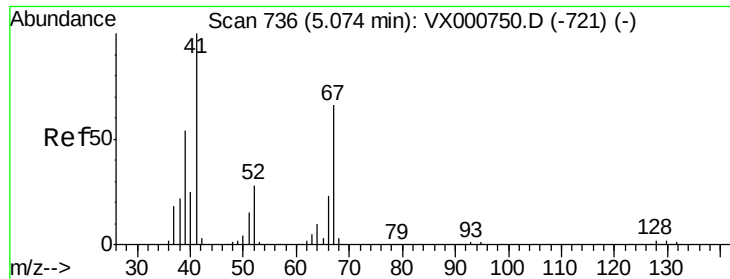
MMDadoda
4/16/2018 12:51:33 PM



#40
Benzene
Concen: 21.39 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.6





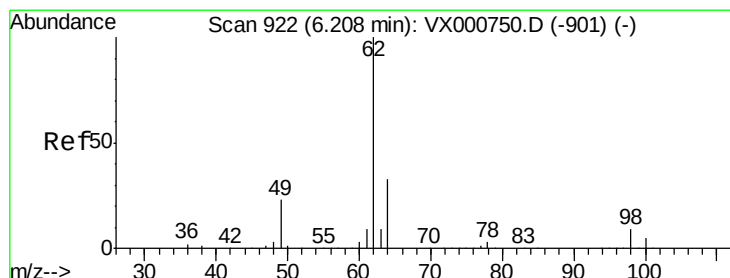
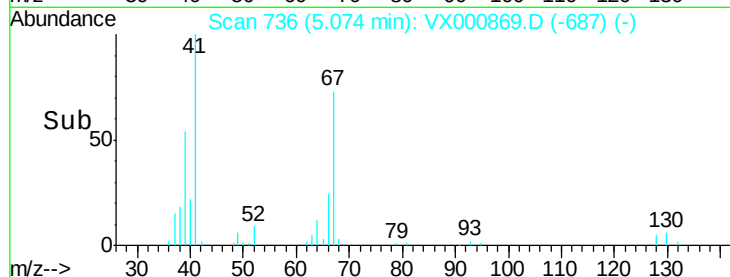
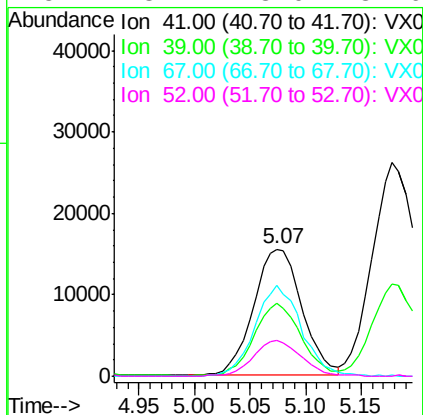
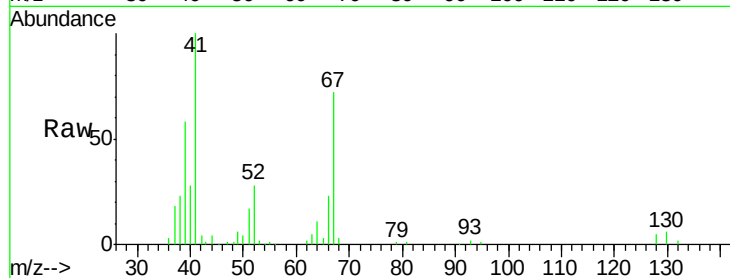
#41
Methacrylonitrile
Concen: 22.43 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion:	41	Resp:	47007
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.9	67.3
67	68.9	54.7	82.1
52	28.1	23.0	34.6

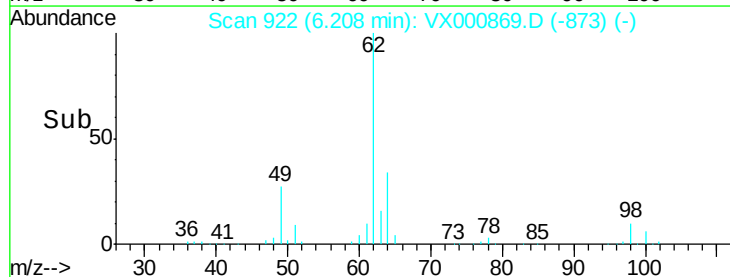
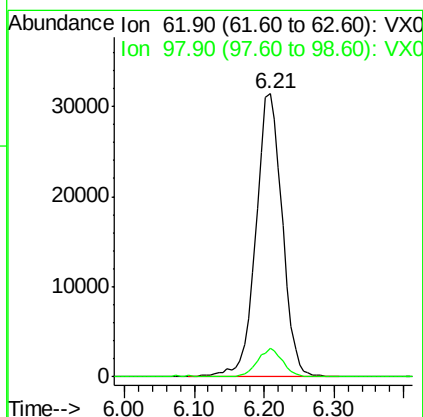
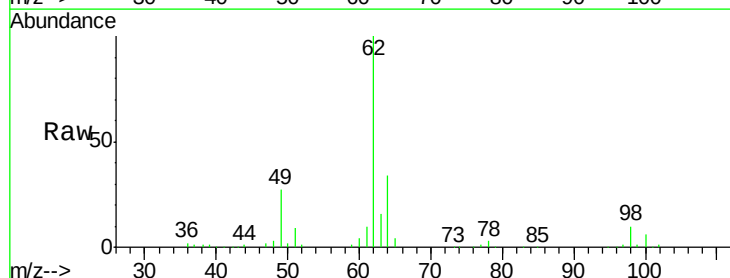
Manual Integrations
APPROVED

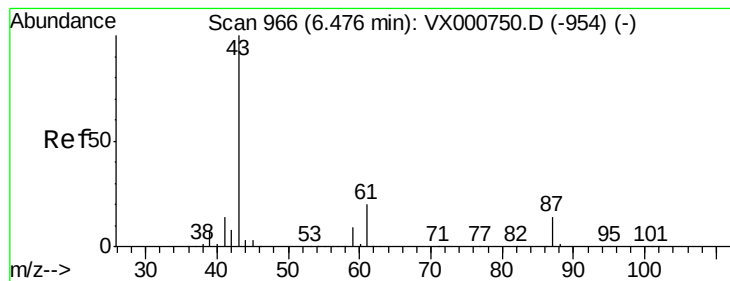
MMDadoda
4/16/2018 12:51:33 PM



#42
1,2-Dichloroethane
Concen: 21.35 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion:	62	Resp:	82325
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

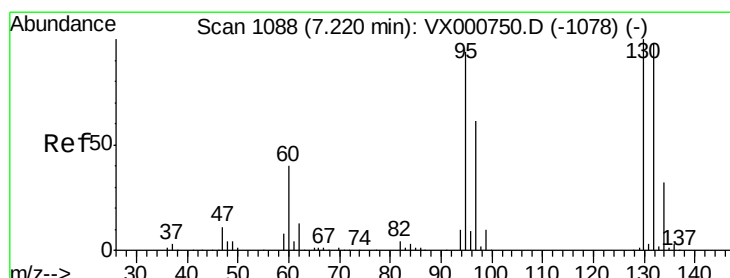
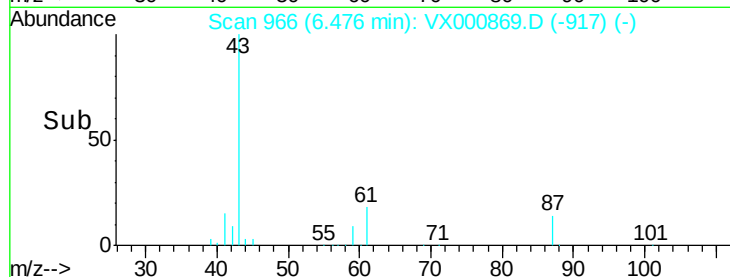
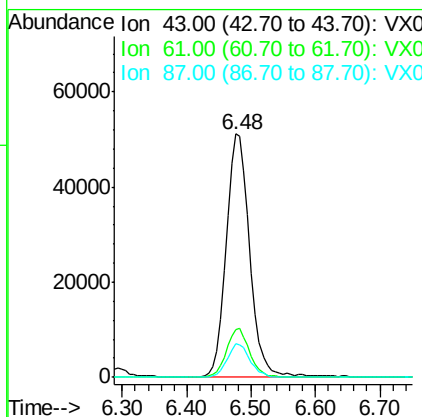
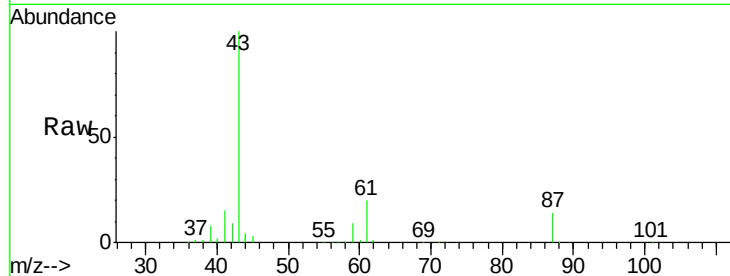
Isopropyl Acetate
 Concen: 21.02 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.6	23.4
87	13.4	10.7	16.1

Manual Integrations
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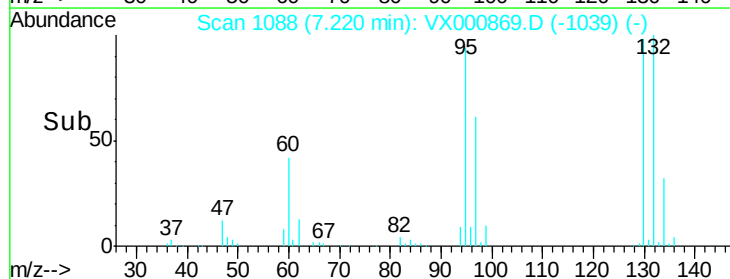
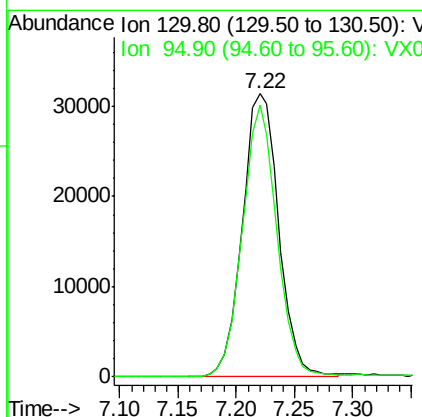
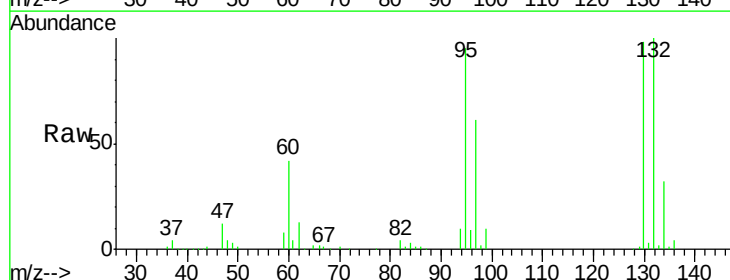
MMDadoda
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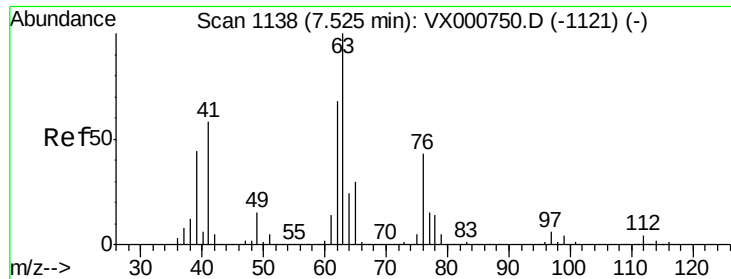


#44

Trichloroethene
 Concen: 21.27 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	187.0





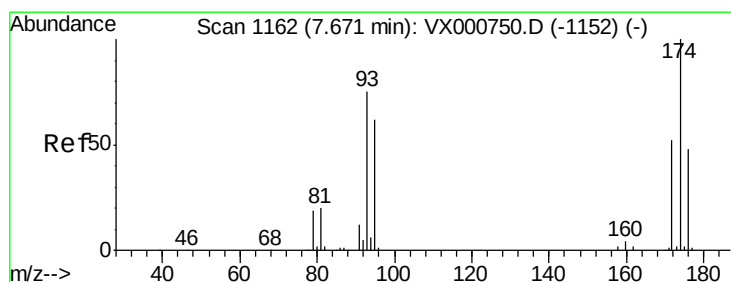
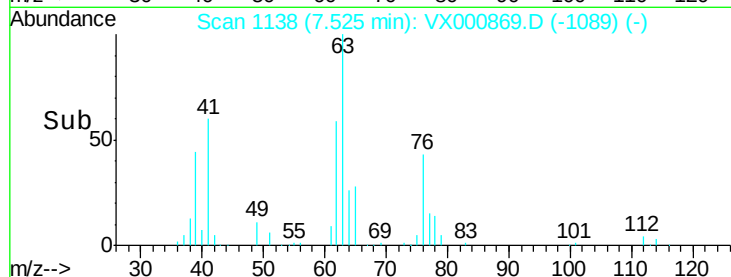
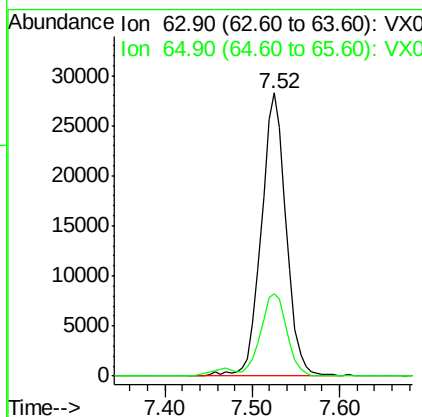
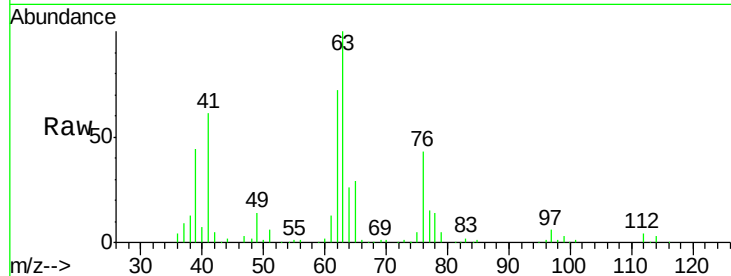
#45
 1,2-Dichloropropane
 Concen: 21.44 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion: 63 Resp: 56383
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.7 35.5

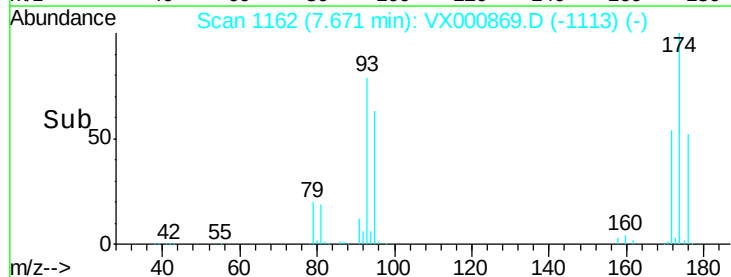
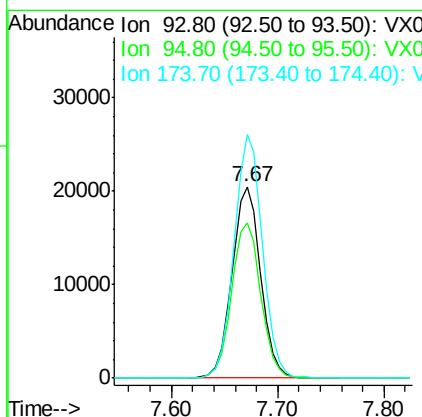
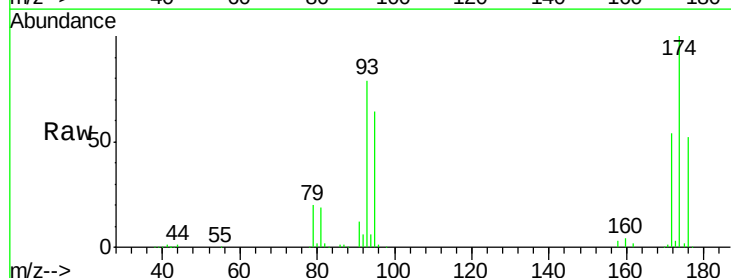
Manual Integrations
 APPROVED

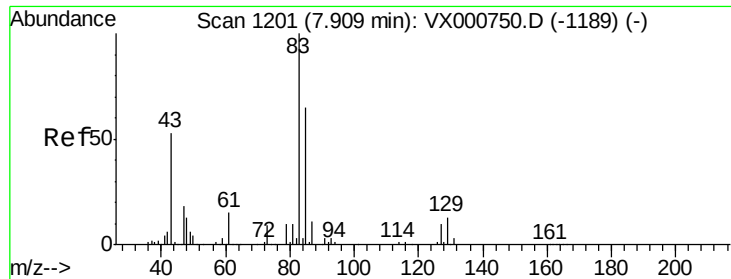
MMDadoda
 4/16/2018 12:51:33 PM



#46
 Dibromomethane
 Concen: 21.16 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion: 93 Resp: 38788
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 100.0
 174 126.0 104.5 156.7





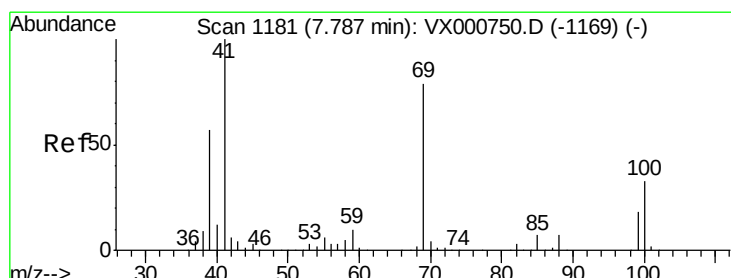
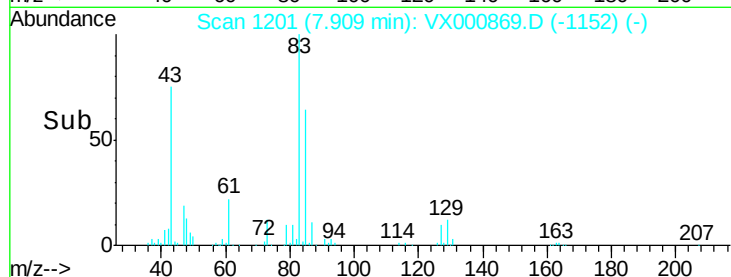
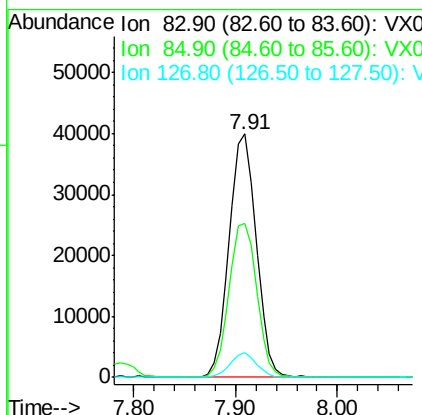
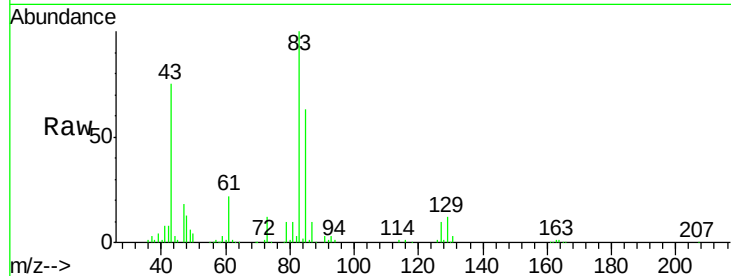
#47
 Bromodichloromethane
 Concen: 19.92 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion	83	Resp	73692
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.2	78.4
127	10.2	7.8	11.8

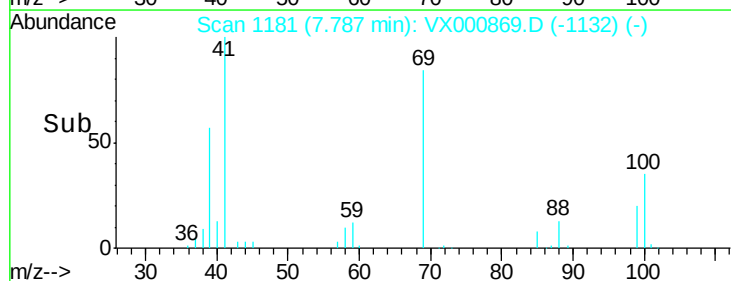
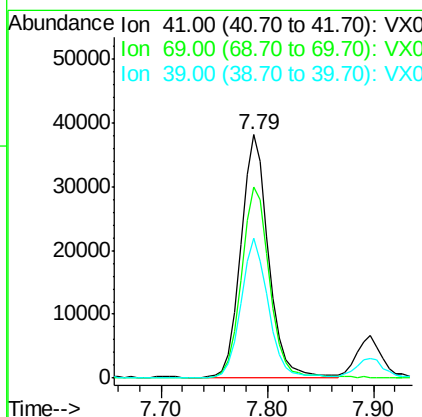
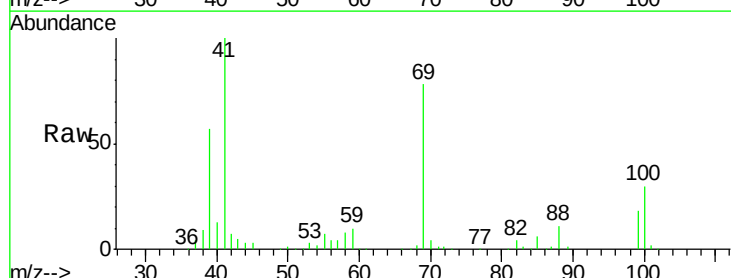
Manual Integrations
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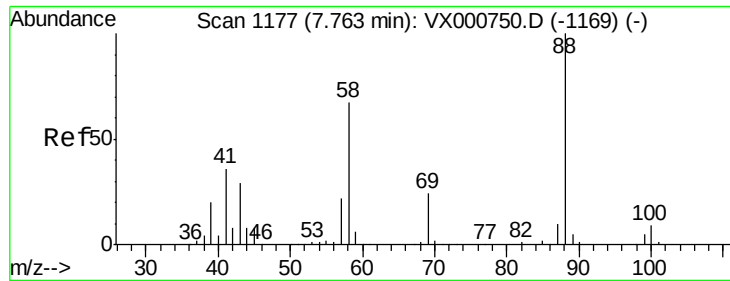
MMDadoda
 4/16/2018 12:51:33 PM



#48
 Methyl methacrylate
 Concen: 21.34 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion	41	Resp	68804
Ion	Ratio	Lower	Upper
41	100		
69	81.1	63.9	95.9
39	57.0	45.9	68.9





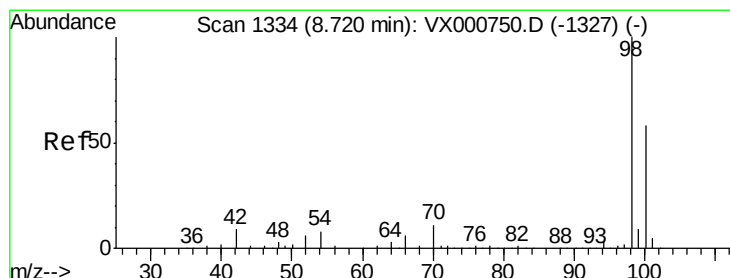
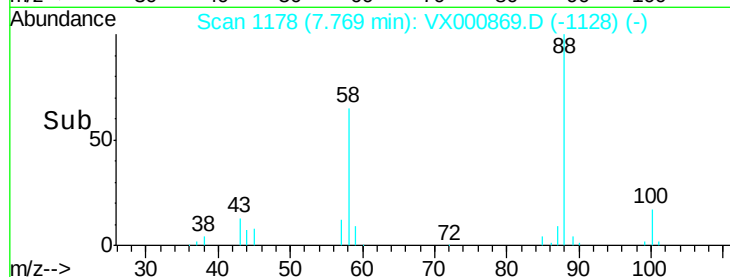
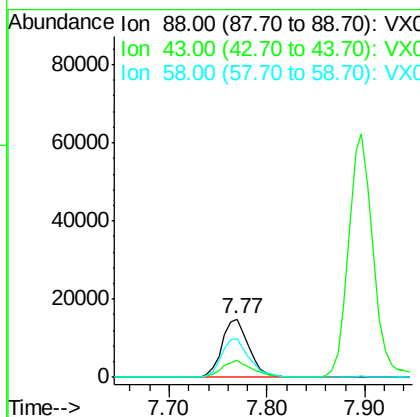
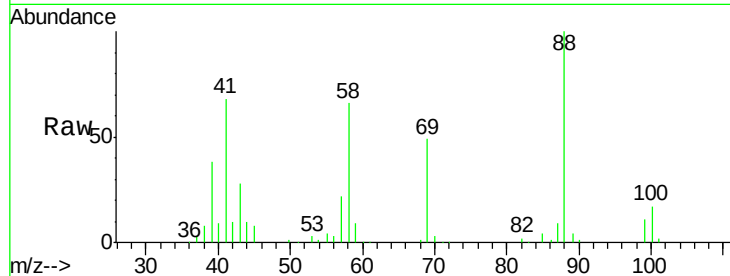
#49
1,4-Dioxane
Concen: 440.90 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.8	38.8
58	67.6	54.4	81.6

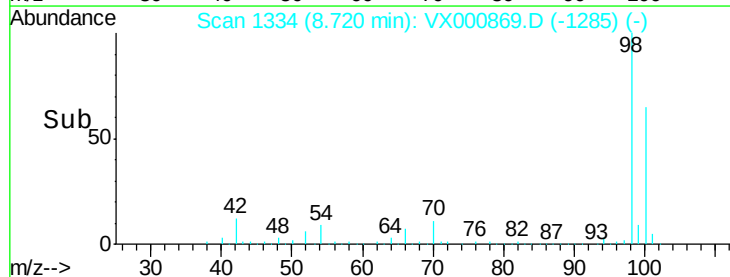
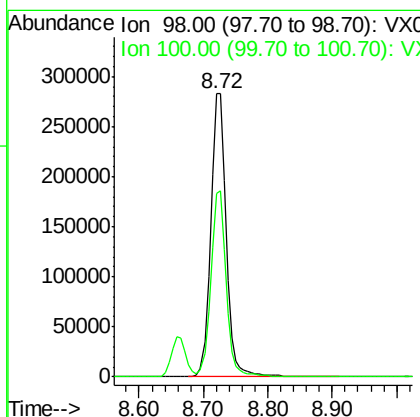
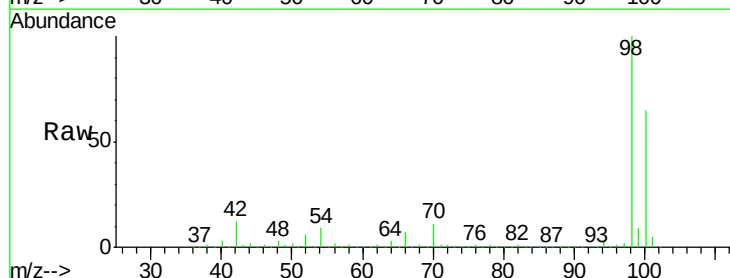
Manual Integrations
APPROVED

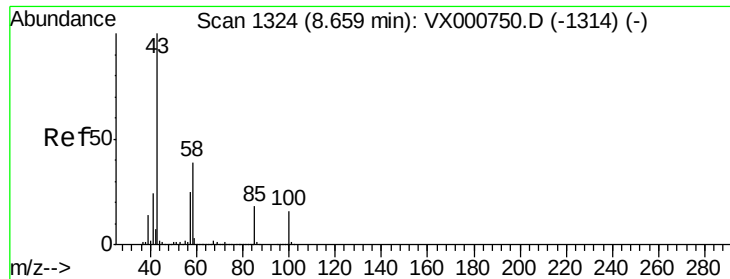
MMDadoda
4/16/2018 12:51:33 PM



#50
Toluene-d8
Concen: 49.32 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 114.45 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tot Ion: 43 Resp: 418127

Ion Ratio Lower Upper

43 100

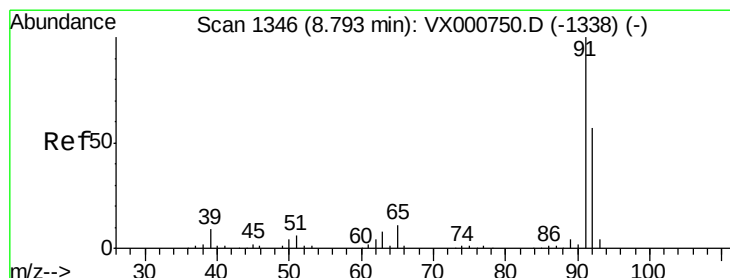
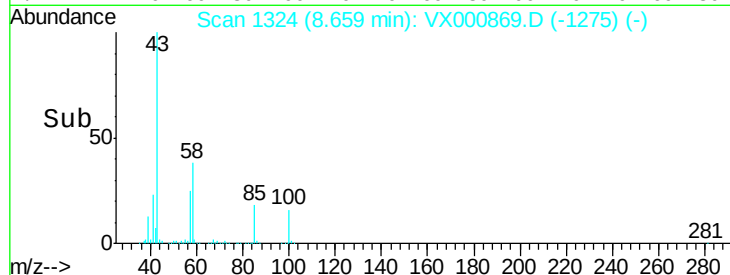
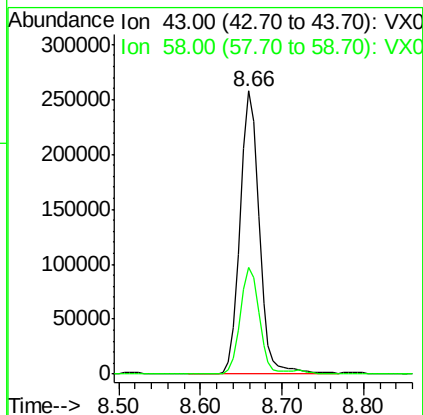
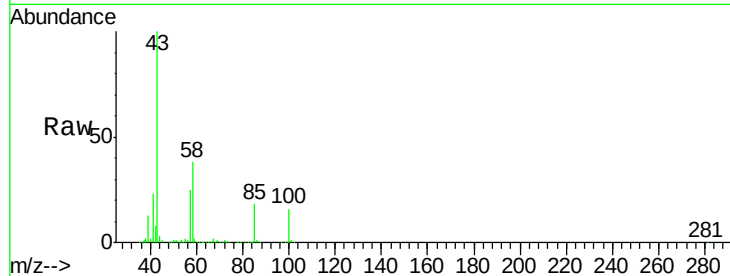
58 37.4 30.3 45.5

Manual Integrations

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MMDadoda

4/16/2018 12:51:33 PM



#52

Toluene

Concen: 21.17 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000869.D

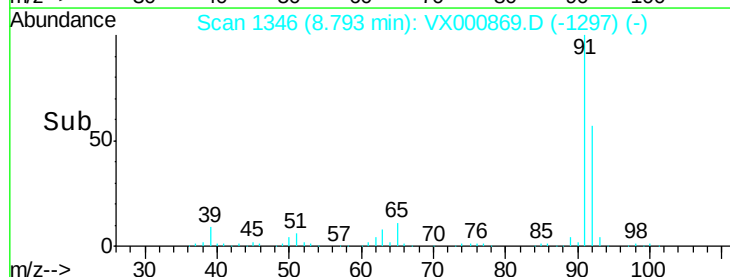
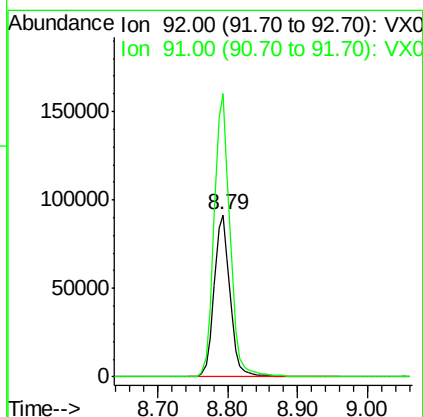
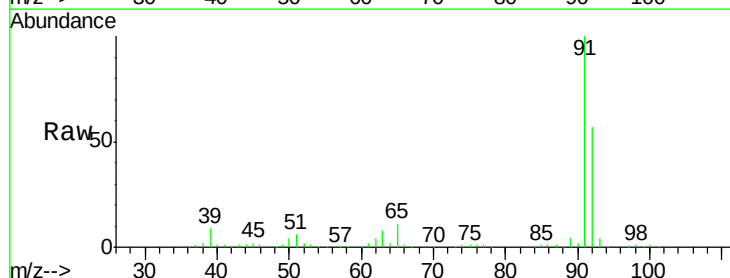
Acq: 14 Apr 2018 12:34

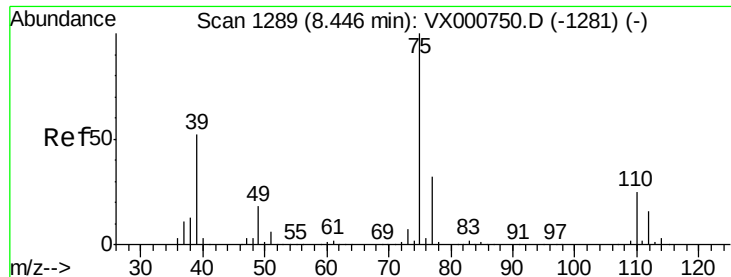
Tgt Ion: 92 Resp: 145032

Ion Ratio Lower Upper

92 100

91 174.5 139.0 208.4





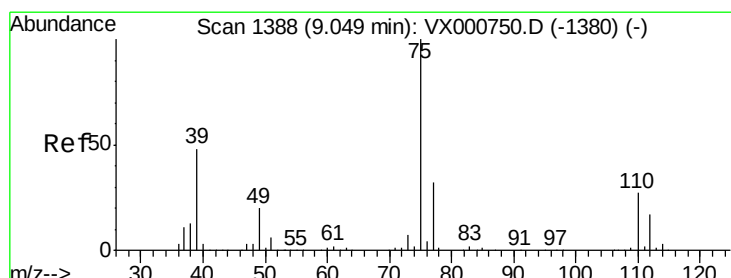
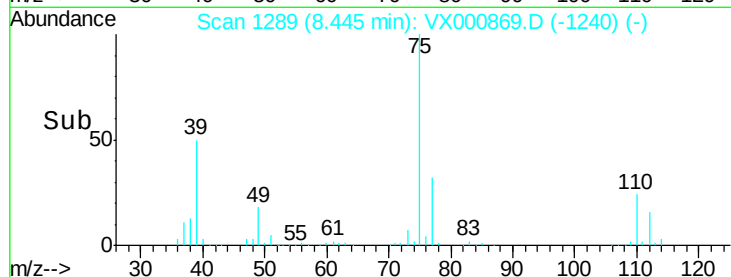
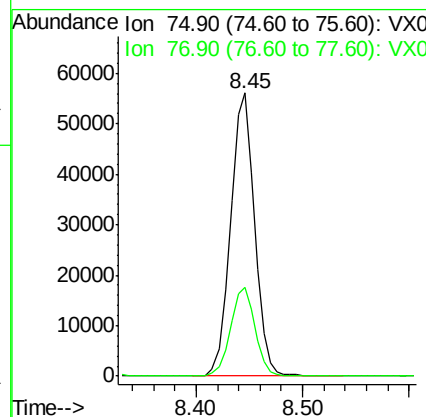
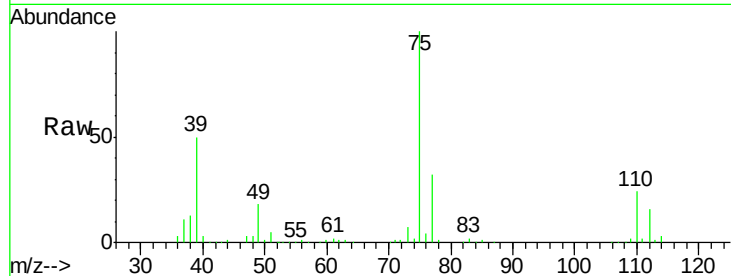
#53
 t-1,3-Dichloropropene
 Concen: 19.90 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion: 75 Resp: 88297
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2

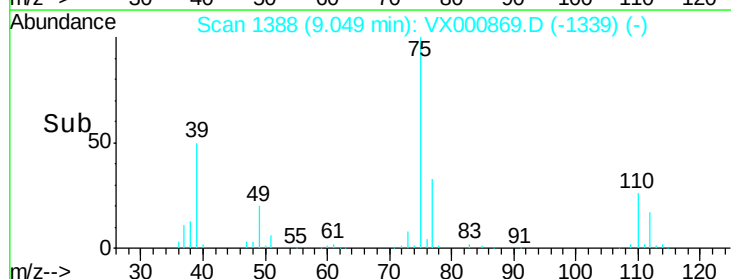
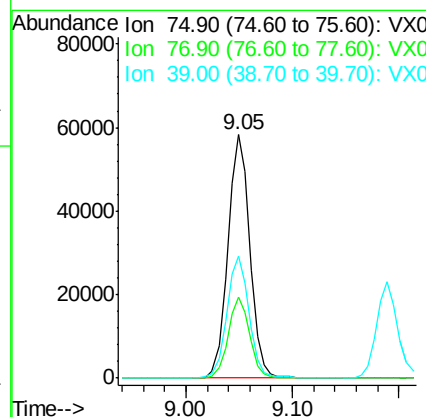
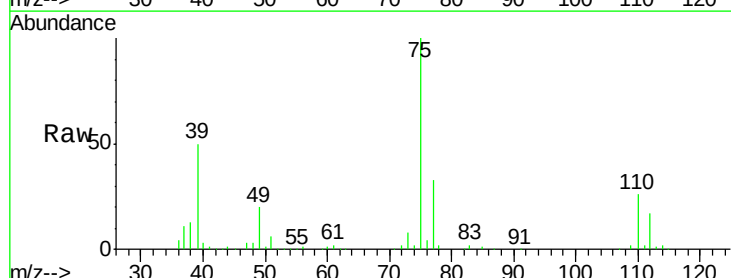
Manual Integrations
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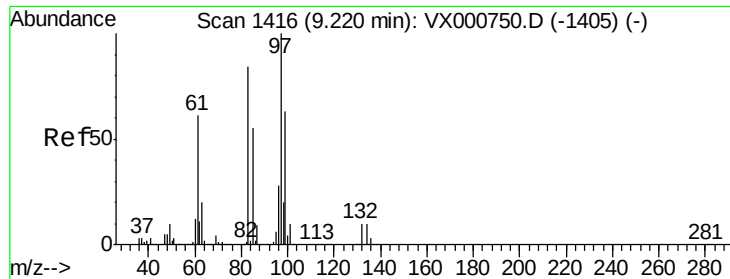
MMDadoda
 4/16/2018 12:51:33 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.42 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion: 75 Resp: 83906
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.2
 39 50.1 38.6 58.0





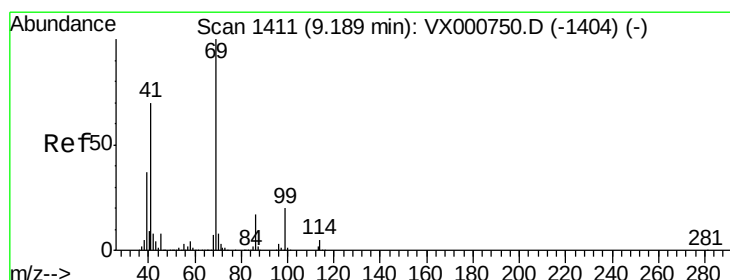
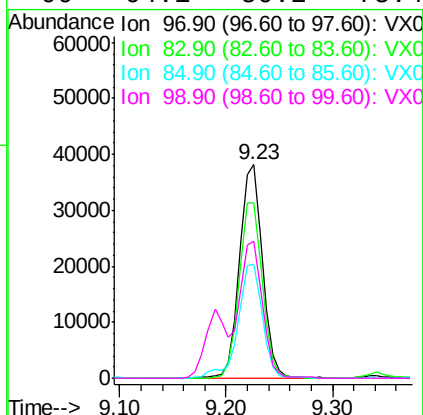
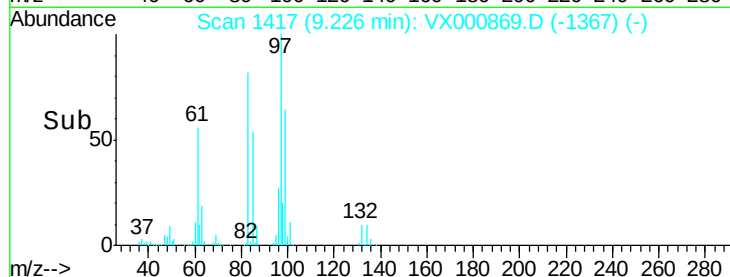
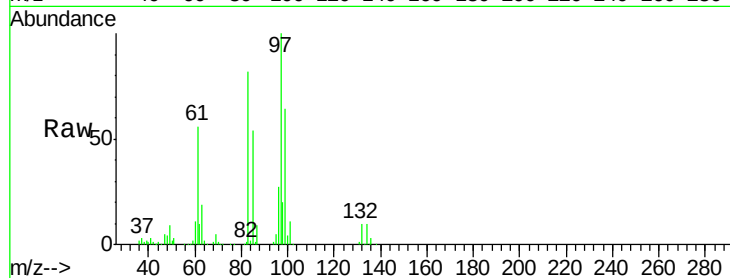
#55
 1,1,2-Trichloroethane
 Concen: 21.41 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion:	97	Resp:	58225
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.6	101.4
85	53.6	43.8	65.6
99	64.1	50.2	75.4

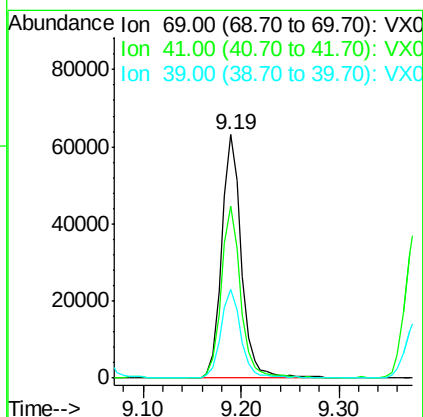
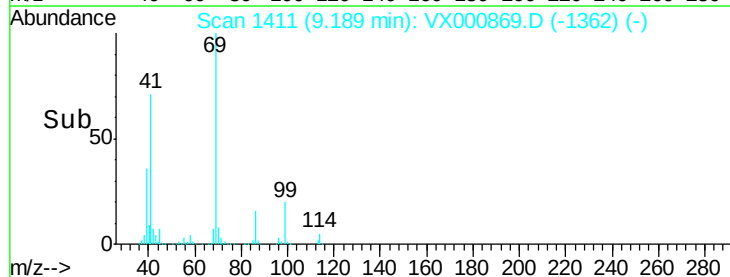
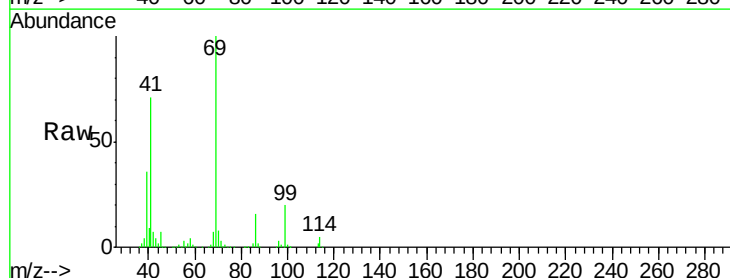
Manual Integrations
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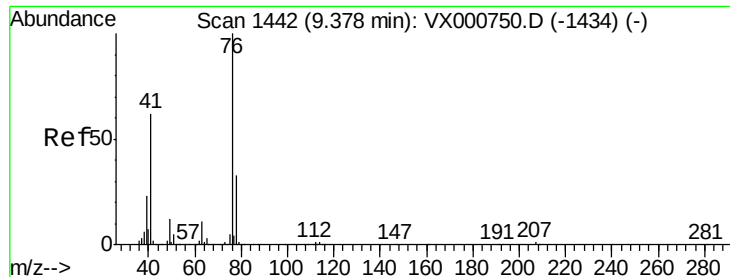
MMDadoda
 4/16/2018 12:51:33 PM



#56
 Ethyl methacrylate
 Concen: 21.07 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion:	69	Resp:	88391
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.6	83.4
39	36.8	30.3	45.5





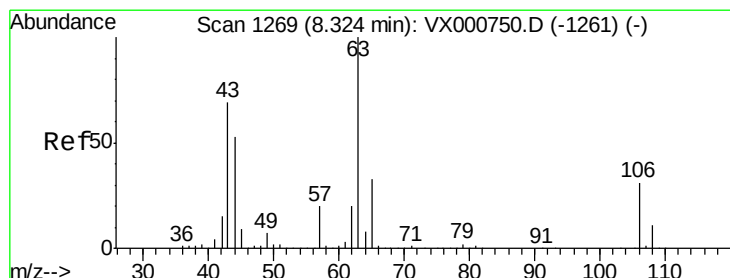
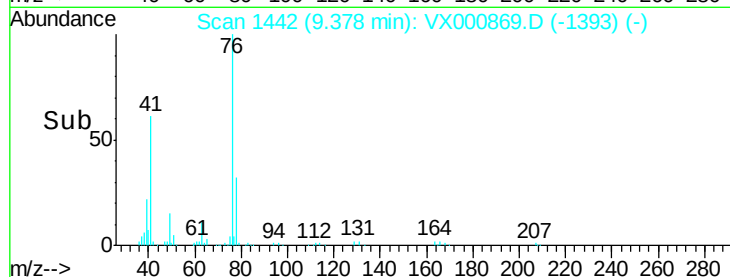
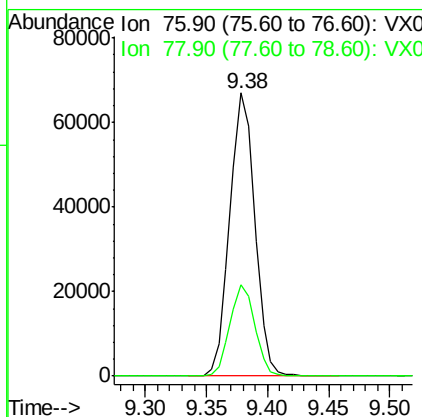
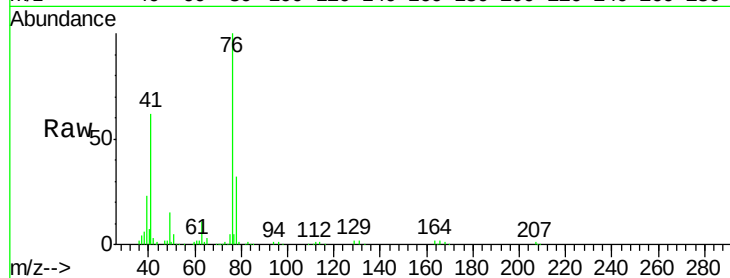
#57
 1,3-Dichloropropane
 Concen: 22.04 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

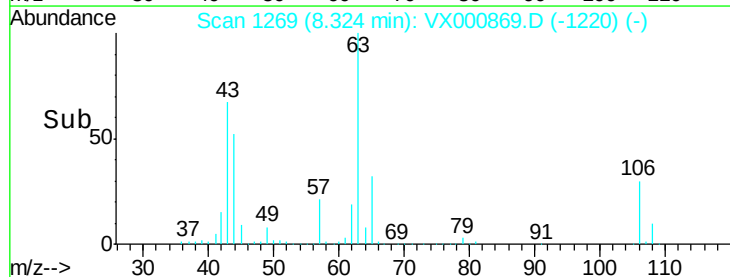
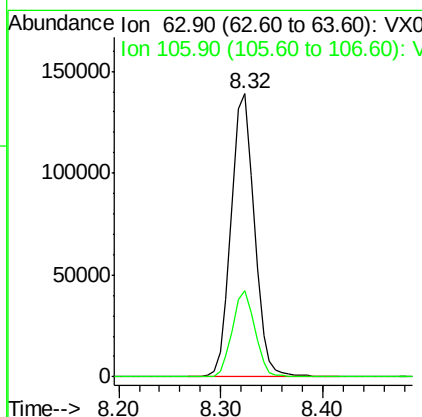
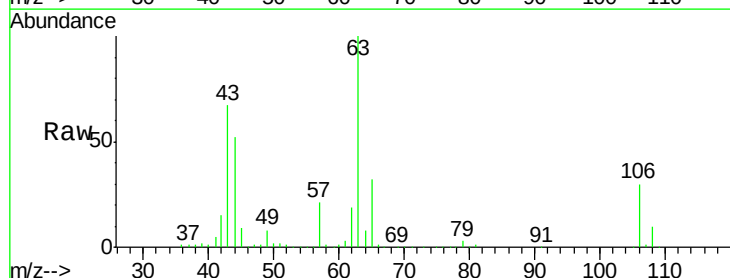
Manual Integrations
 APPROVED

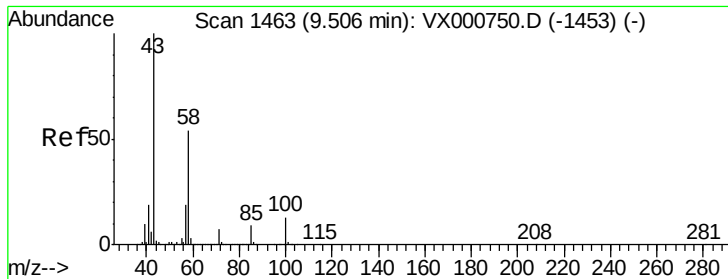
MMDadoda
 4/16/2018 12:51:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.02 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	24.3	36.5





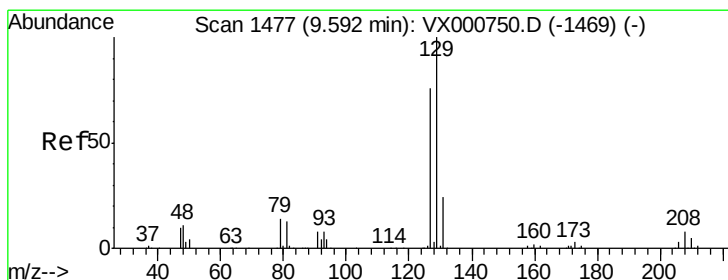
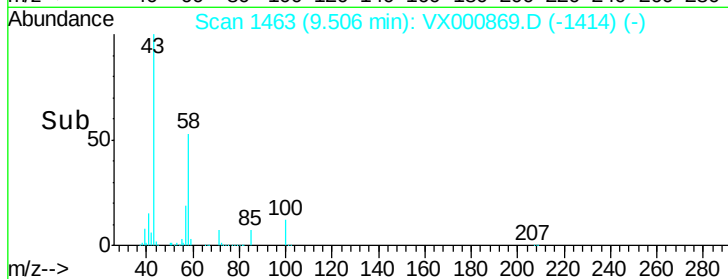
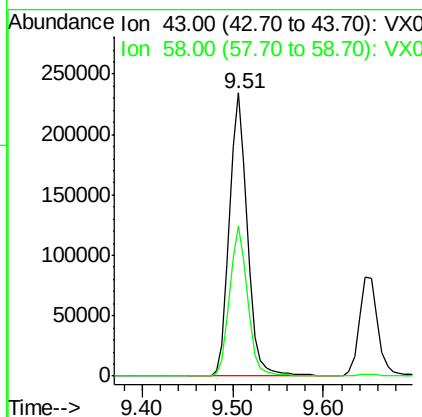
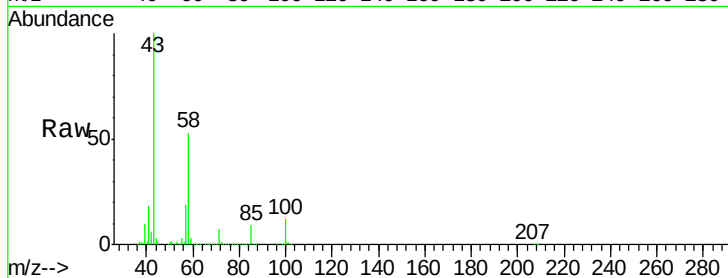
#59
2-Hexanone
Concen: 114.74 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.0	26.5	79.5

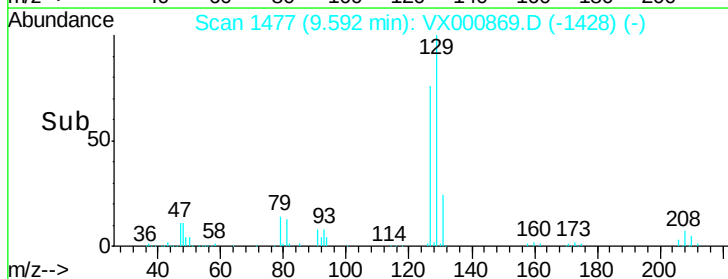
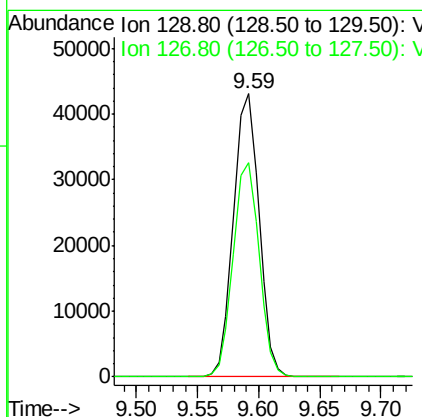
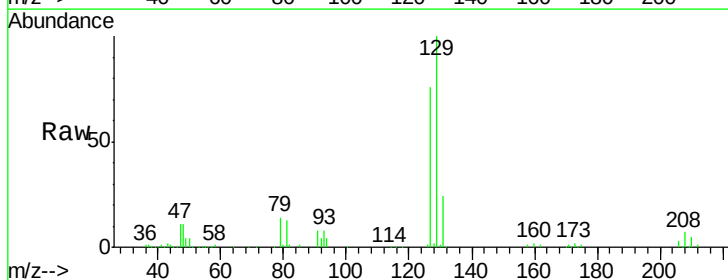
Manual Integrations
APPROVED

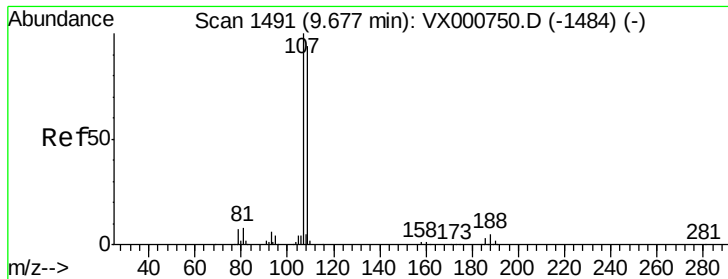
MMDadoda
4/16/2018 12:51:33 PM



#60
Dibromochloromethane
Concen: 19.22 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.4	115.1





#61

1,2-Dibromoethane

Concen: 21.35 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tot Ion:107 Resp: 61581

Ion Ratio Lower Upper

107 100

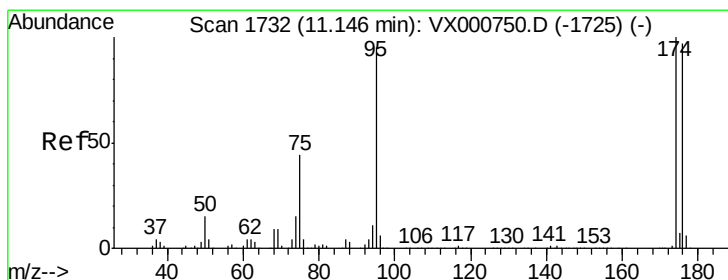
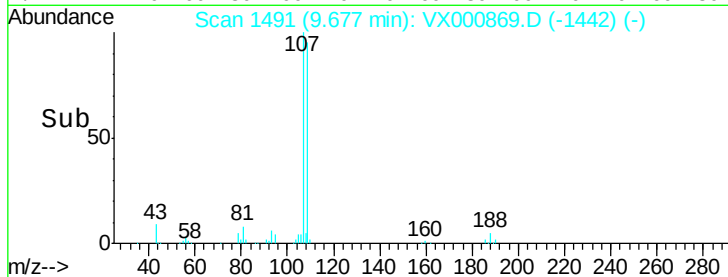
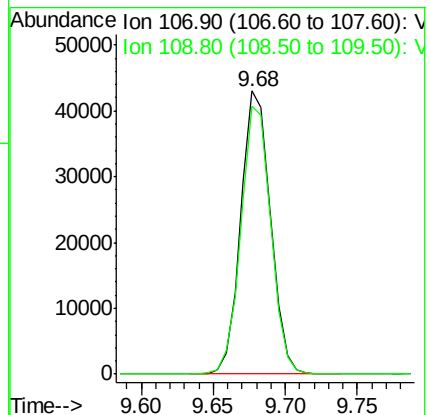
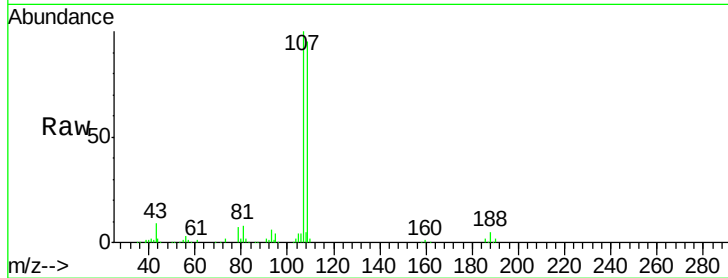
109 95.5 76.2 114.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.53 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

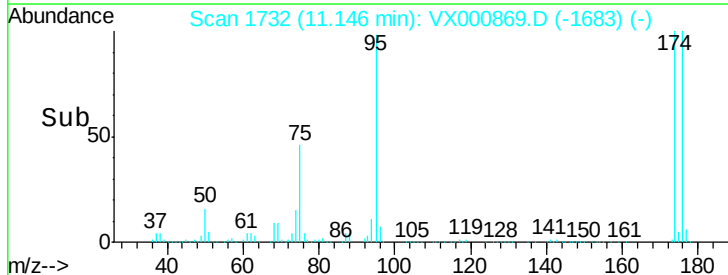
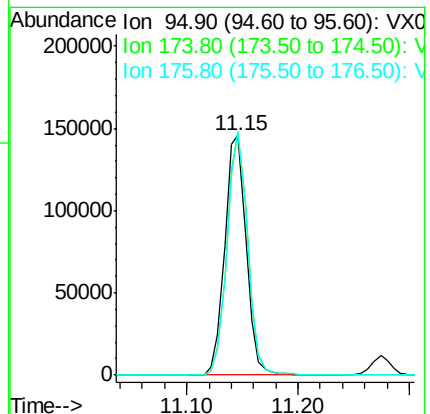
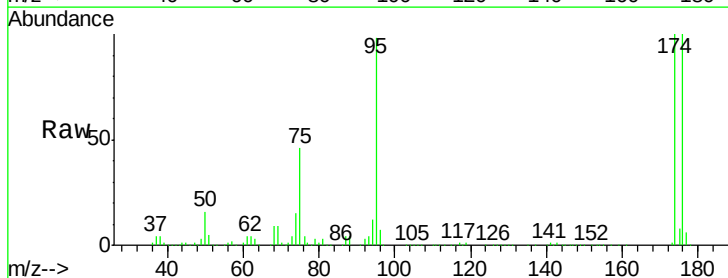
Tgt Ion: 95 Resp: 194326

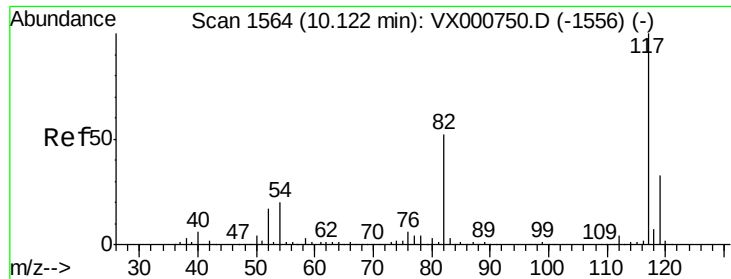
Ion Ratio Lower Upper

95 100

174 97.9 0.0 198.4

176 96.9 0.0 194.4





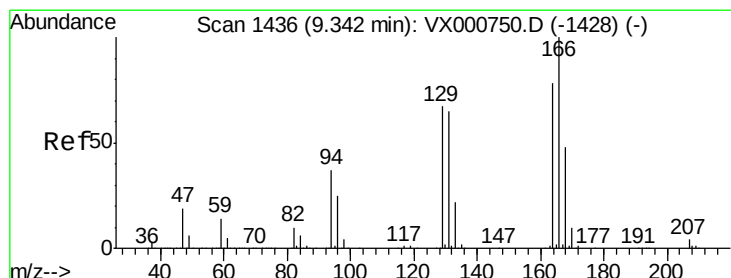
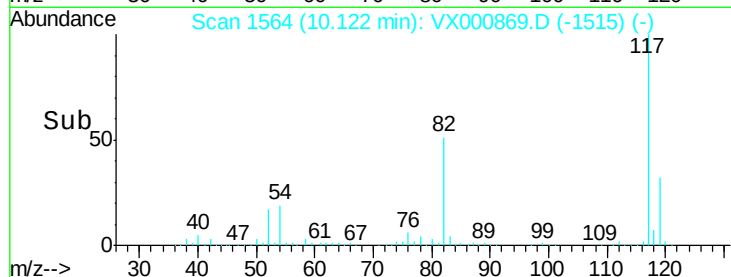
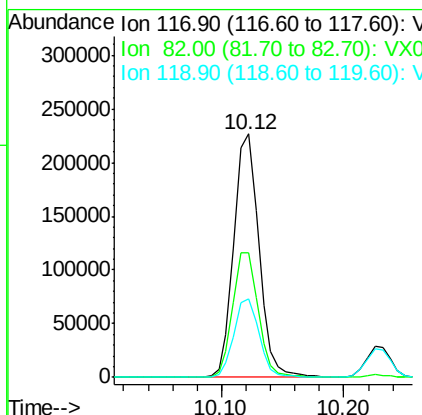
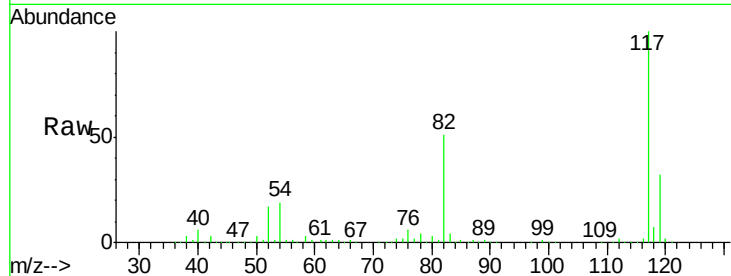
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.9	62.9
119	32.4	26.0	39.0

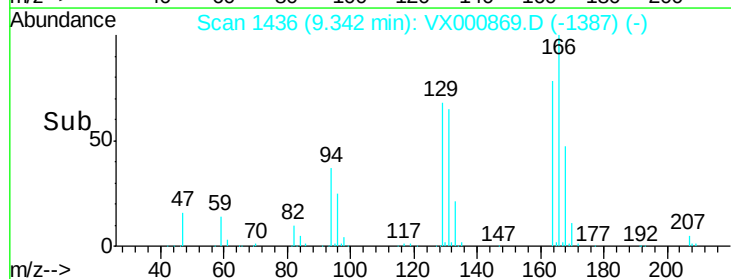
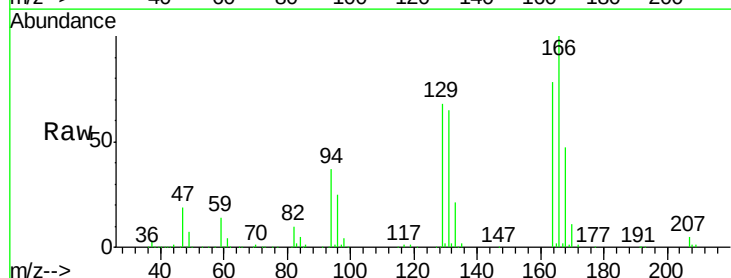
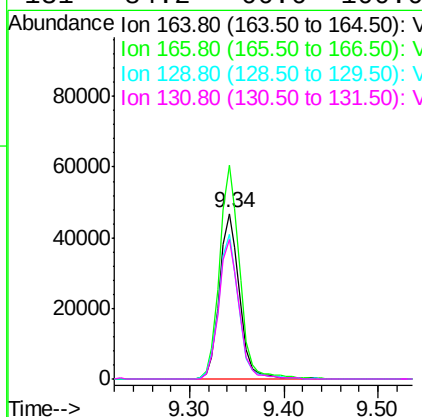
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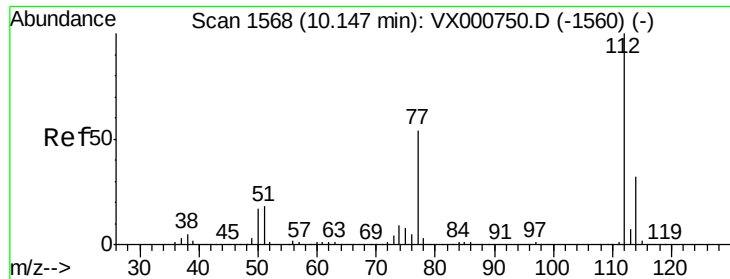
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#64
Tetrachloroethene
Concen: 22.05 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.8	154.2
129	87.1	68.5	102.7
131	84.2	66.6	100.0





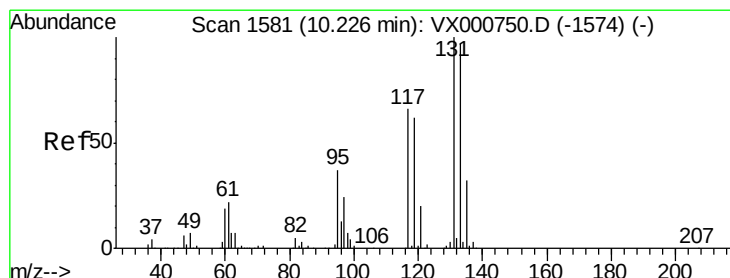
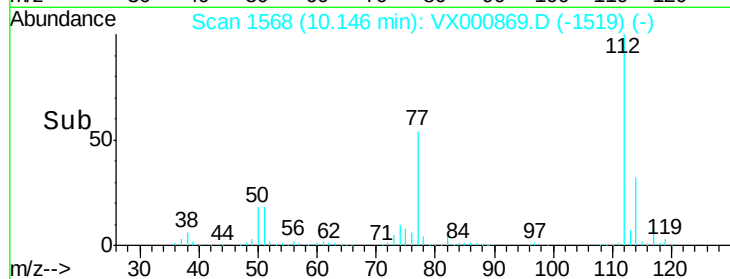
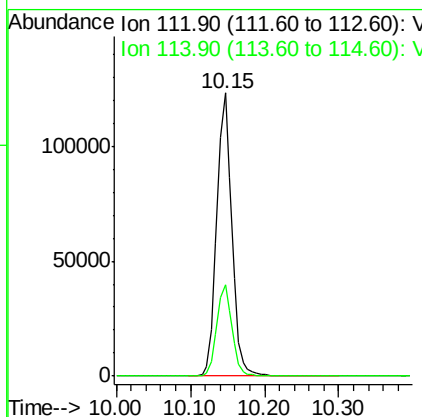
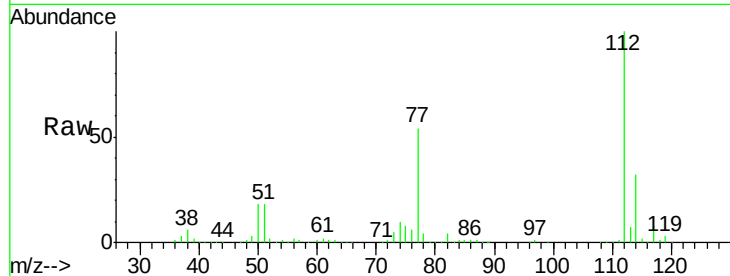
#65
Chlorobenzene
Concen: 21.14 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion:112 Resp: 171286
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

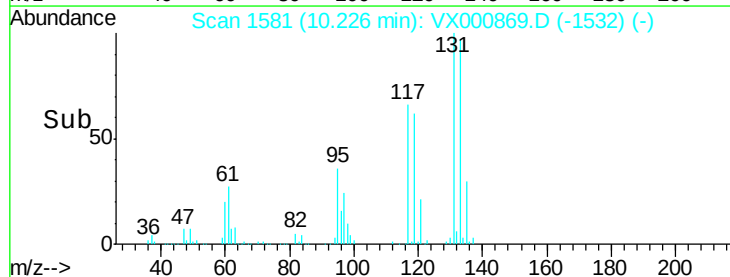
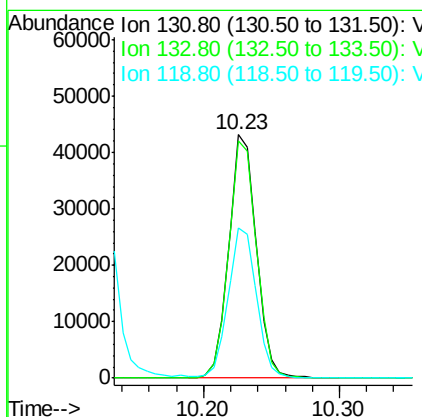
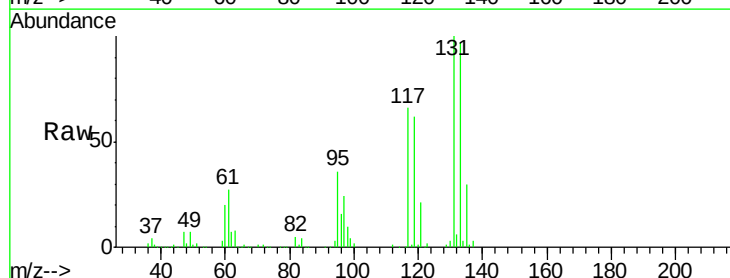
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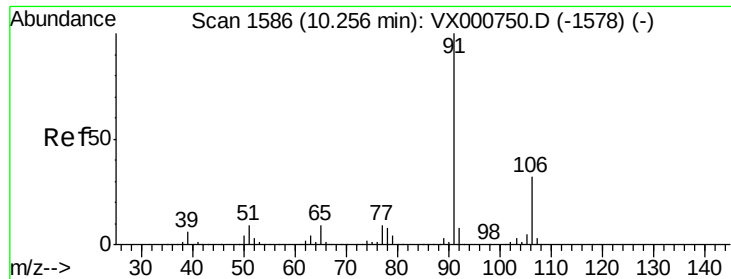
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.87 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion:131 Resp: 60575
Ion Ratio Lower Upper
131 100
133 98.4 48.3 144.9
119 63.6 31.4 94.0





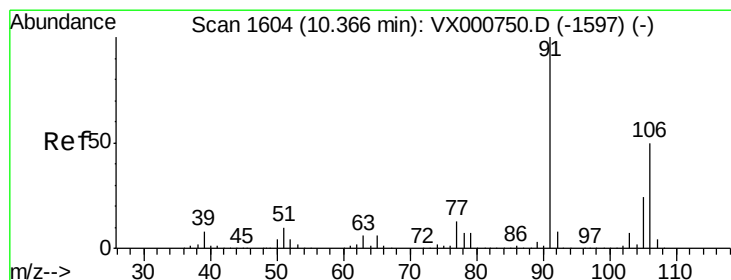
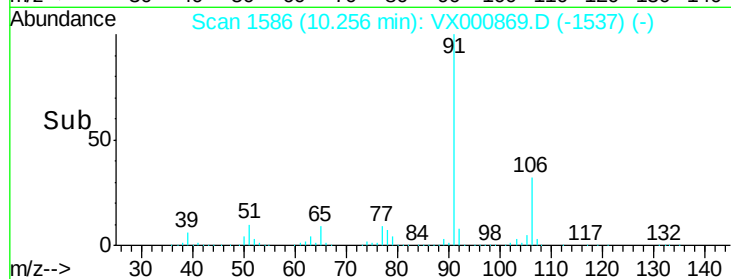
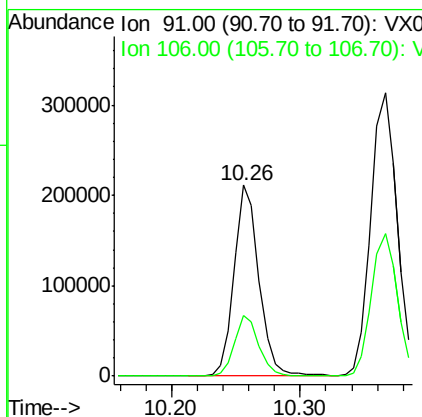
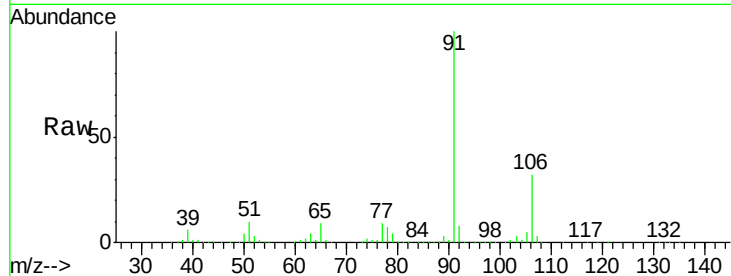
#67
Ethyl Benzene
Concen: 21.16 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion: 91 Resp: 285765
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

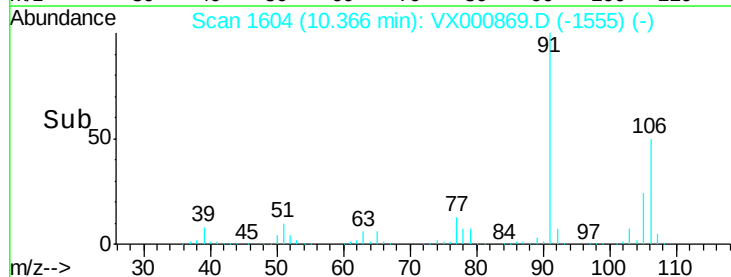
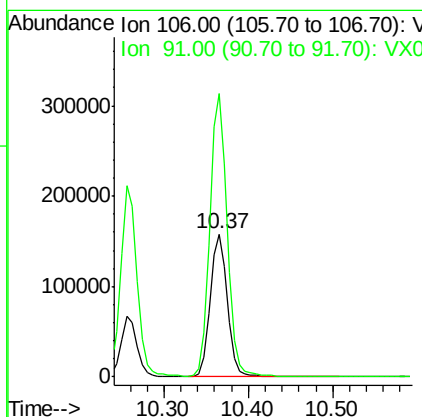
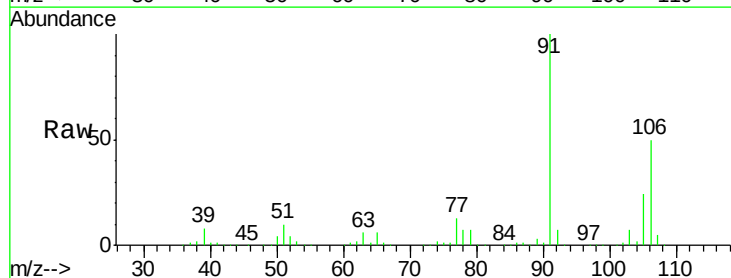
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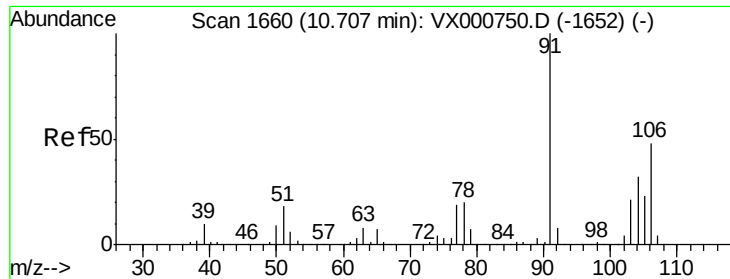
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#68
m/p-Xylenes
Concen: 42.03 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion: 106 Resp: 224091
Ion Ratio Lower Upper
106 100
91 199.8 159.3 238.9





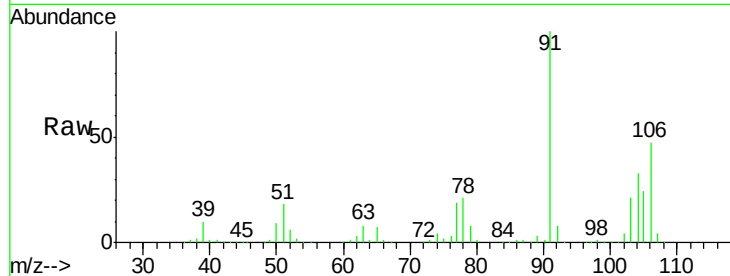
#69
o-Xylene
Concen: 21.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

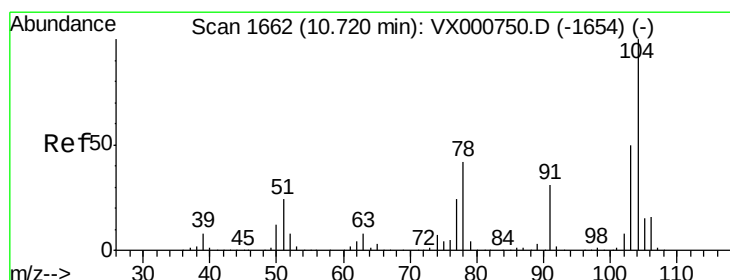
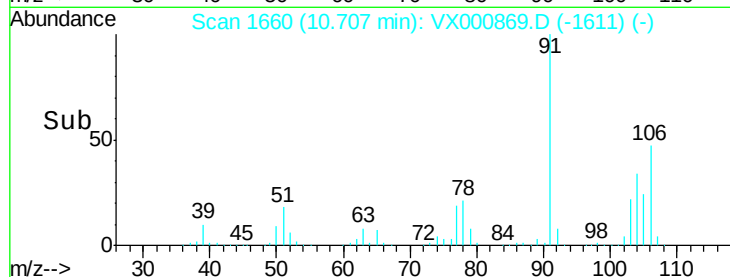
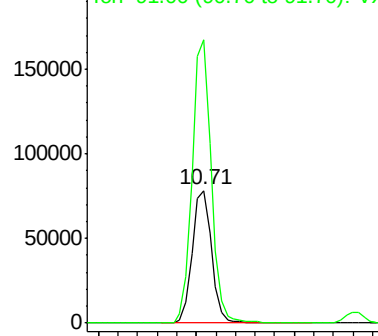
Tot Ion:106 Resp: 108096
Ion Ratio Lower Upper
106 100
91 210.1 105.0 315.0

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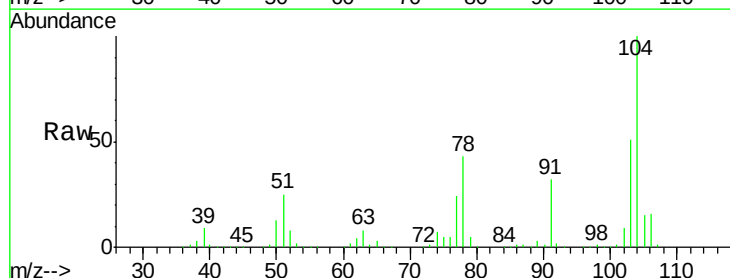


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX

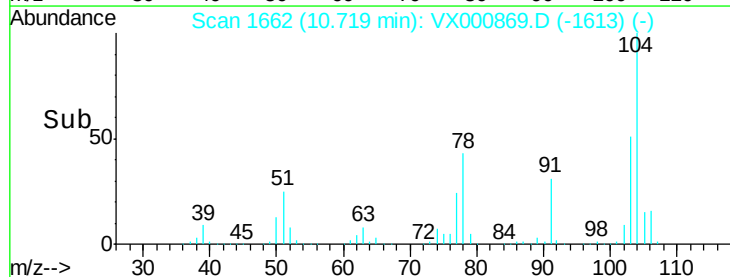
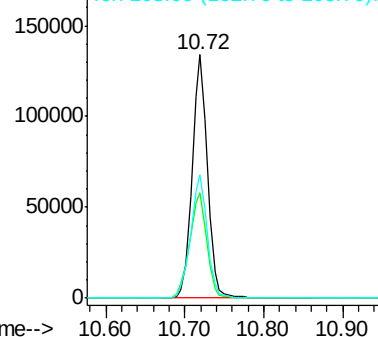


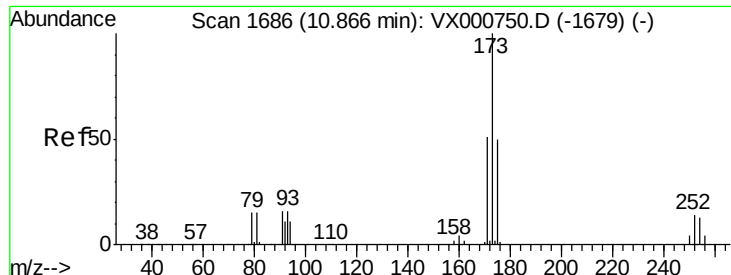
#70
Styrene
Concen: 20.92 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion:104 Resp: 181244
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.2 44.1 66.1



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





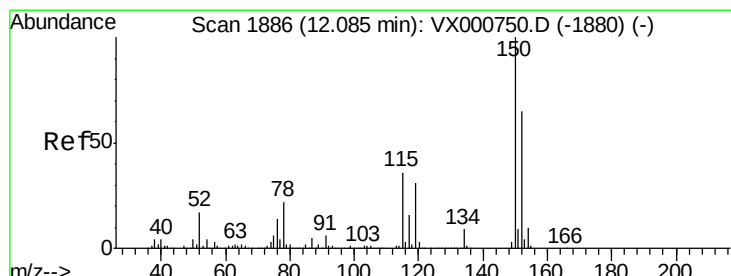
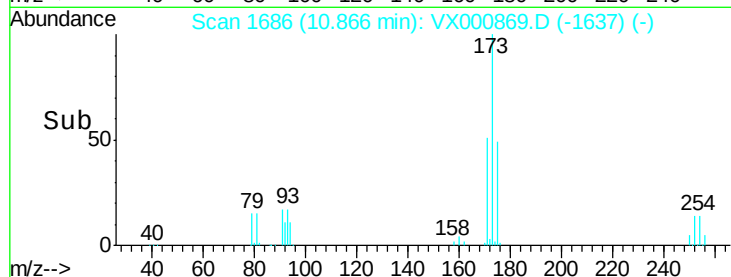
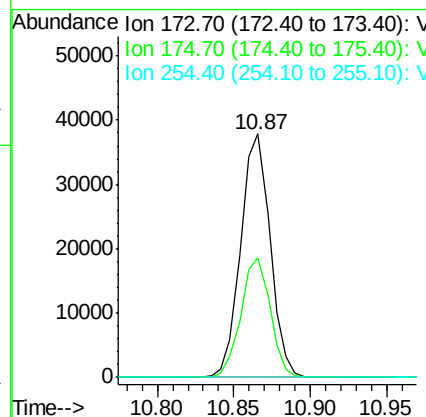
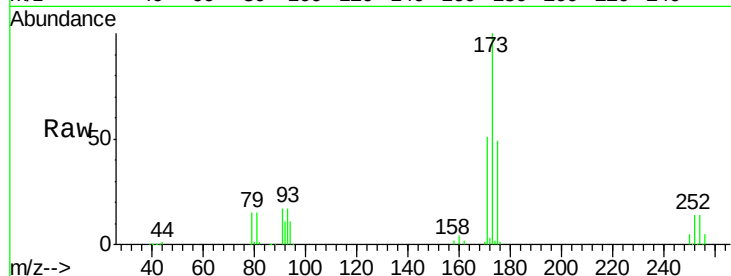
#71
Bromoform
Concen: 17.90 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0414WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.5	73.5
254	0.2	0.2	0.2

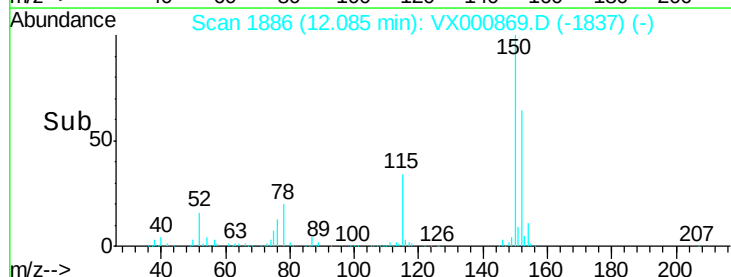
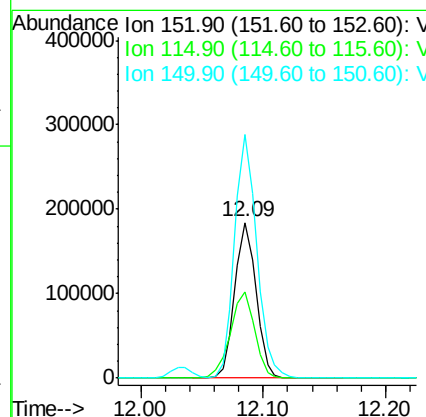
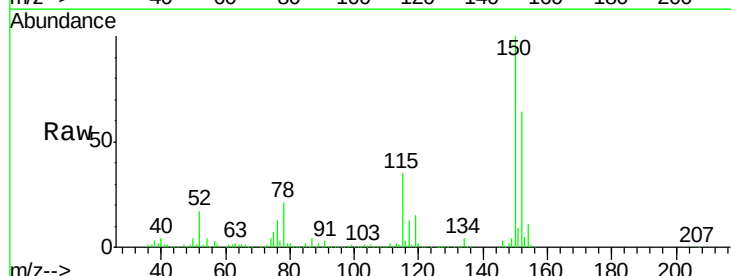
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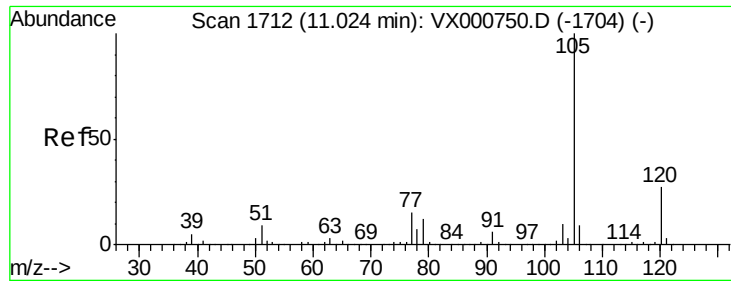
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000869.D
Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	37.9	113.7
150	163.9	0.0	348.0





#73

Isopropylbenzene

Concen: 21.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

VX0414WBS01

Tot Ion:105 Resp: 296267

Ion Ratio Lower Upper

105 100

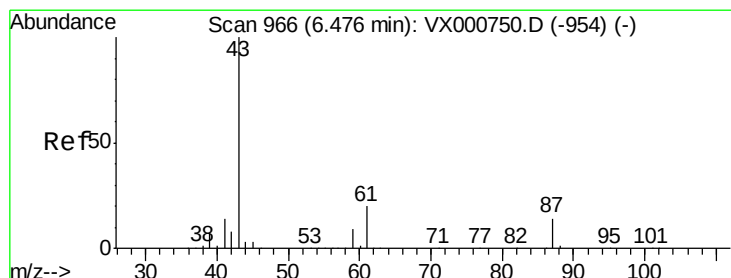
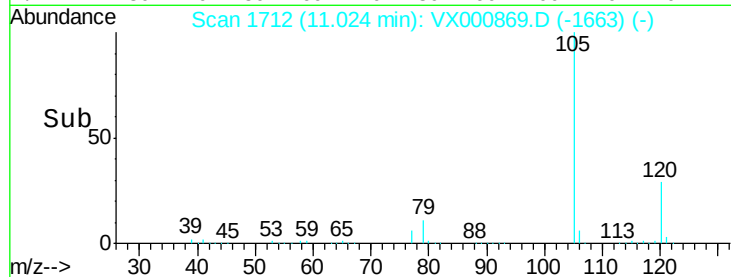
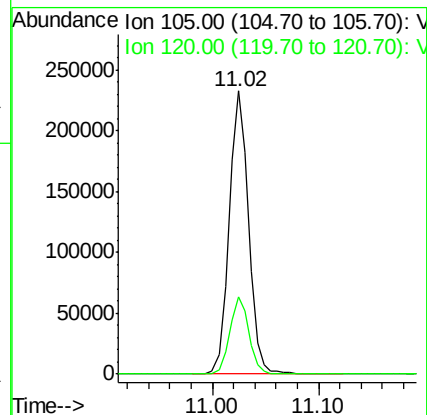
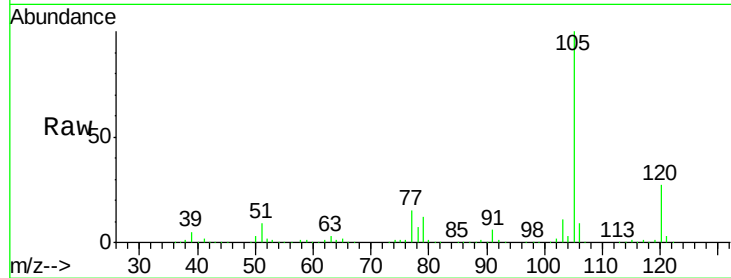
120 27.2 13.7 41.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.71 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion: 43 Resp: 130739

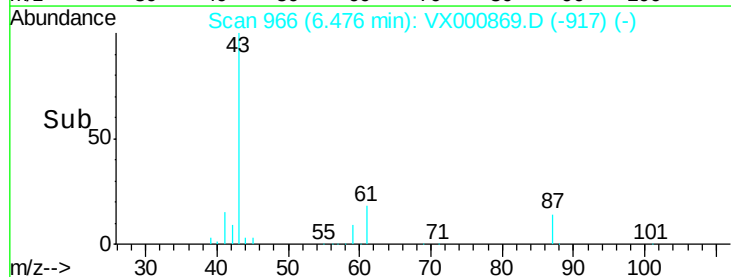
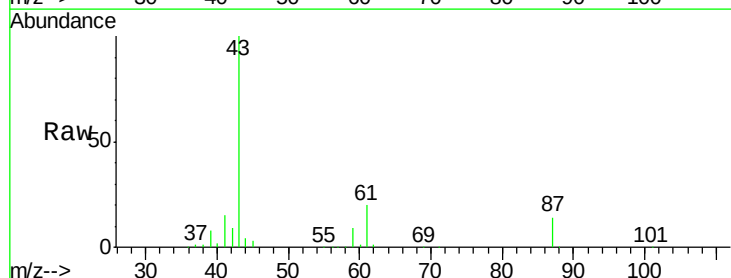
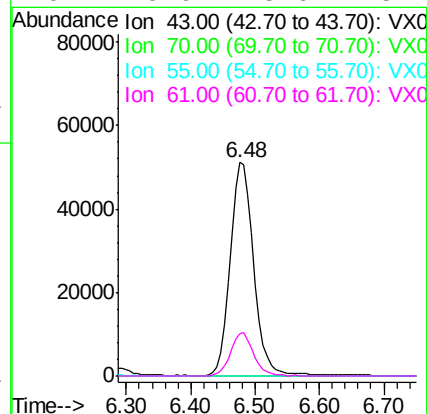
Ion Ratio Lower Upper

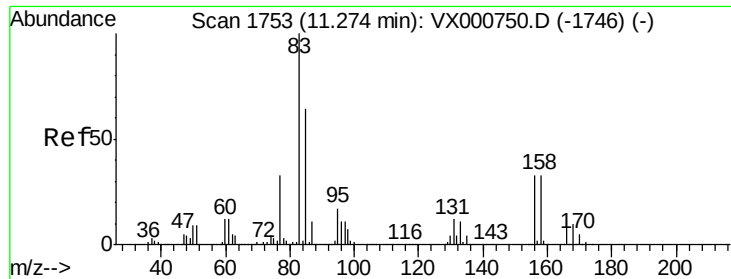
43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 19.9 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

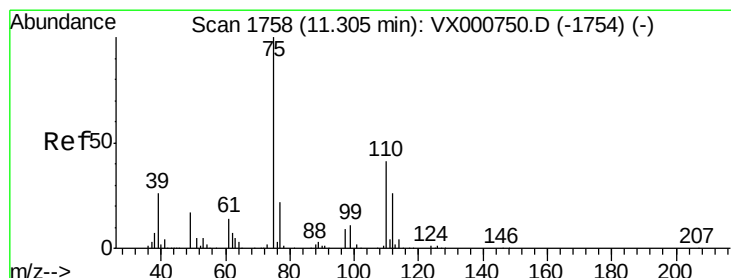
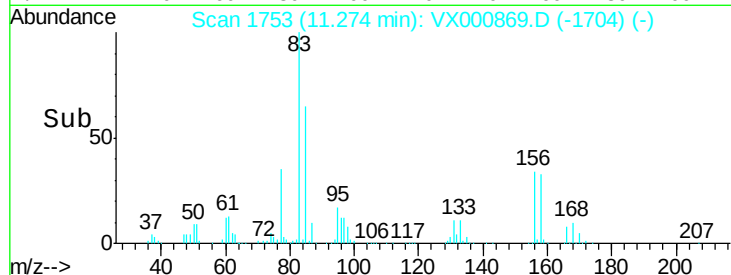
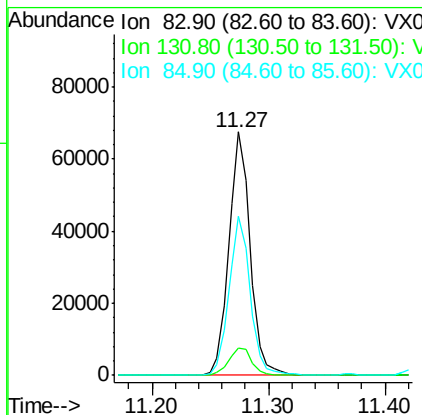
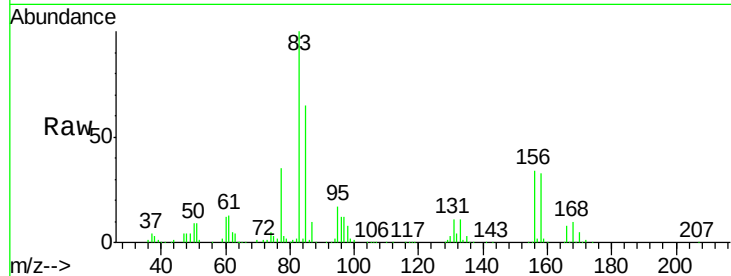
ClientSampleId :

VX0414WBS01

Tot Ion:	83	Resp:	85760
Ion	Ratio	Lower	Upper
83	100		
131	11.9	6.0	18.0
85	65.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 21.38 ug/l m

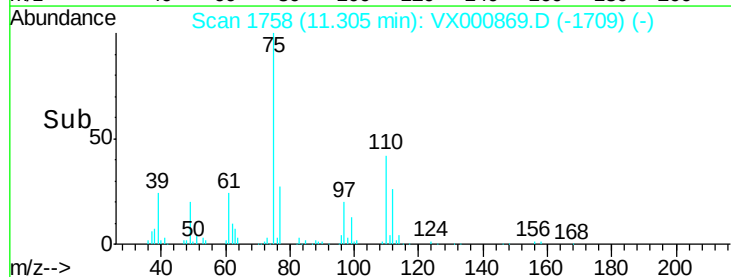
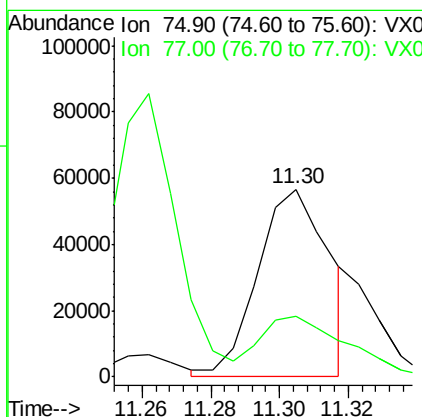
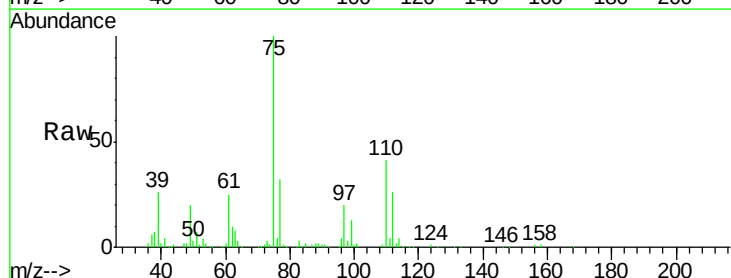
RT: 11.30 min Scan# 1758

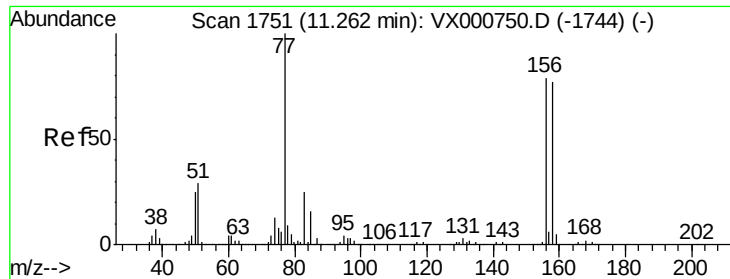
Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion:	75	Resp:	81474
Ion	Ratio	Lower	Upper
75	100		
77	39.3	20.5	61.5





#77

Bromobenzene

Concen: 20.67 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

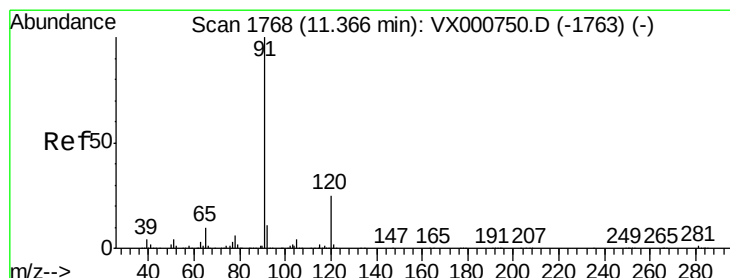
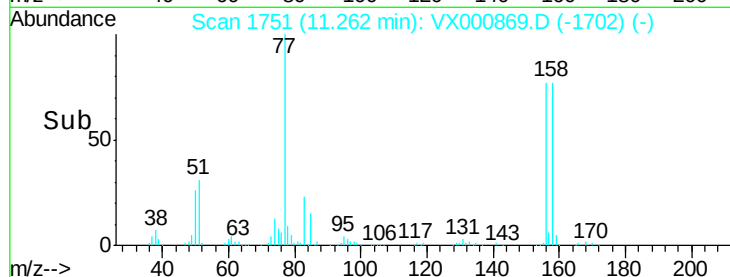
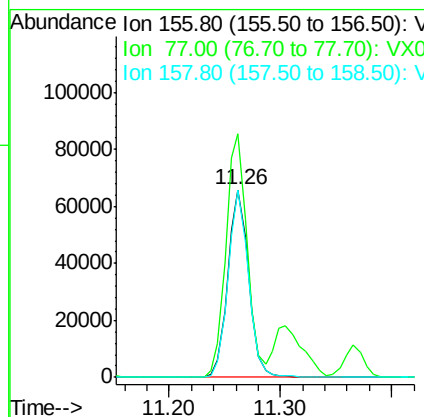
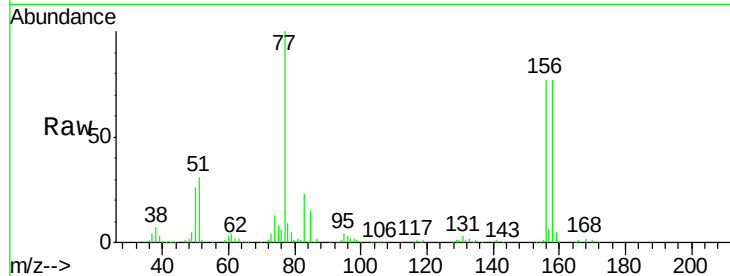
ClientSampleId :

VX0414WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.8	66.0	198.2
158	97.9	48.8	146.4

Manual Integrations
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4/16/2018 12:51:33 PM



#78

n-propylbenzene

Concen: 21.15 ug/l

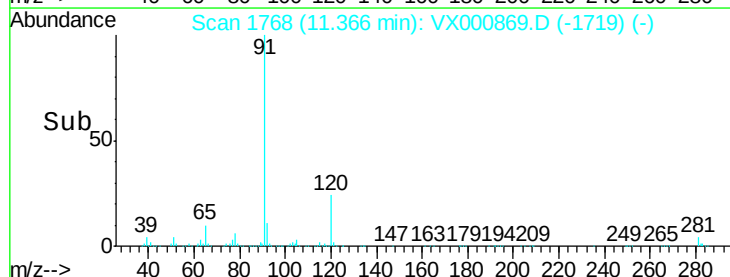
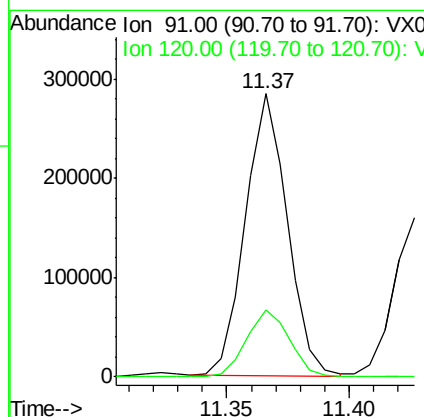
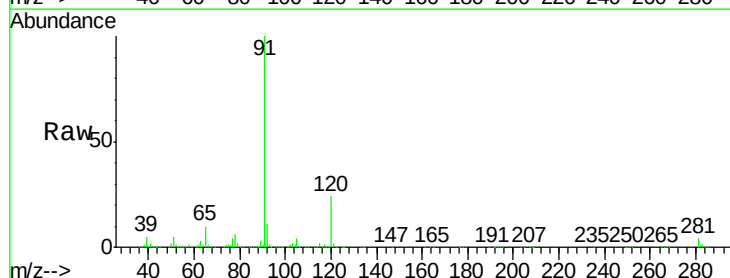
RT: 11.37 min Scan# 1768

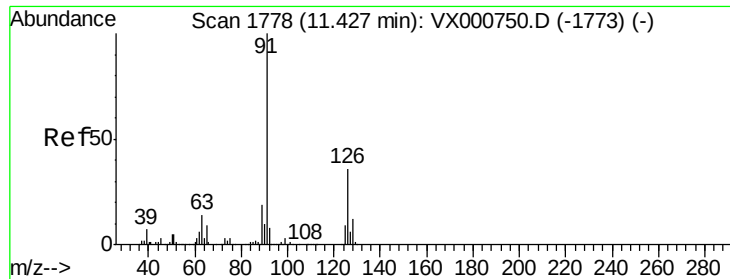
Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.6	37.6





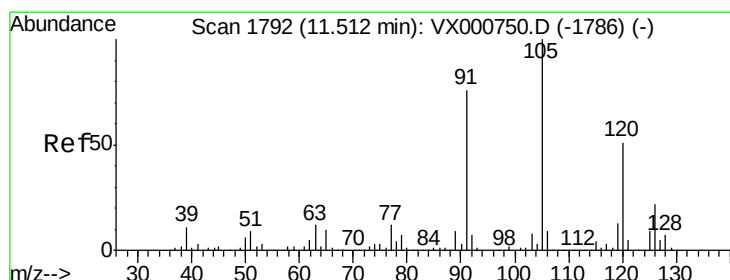
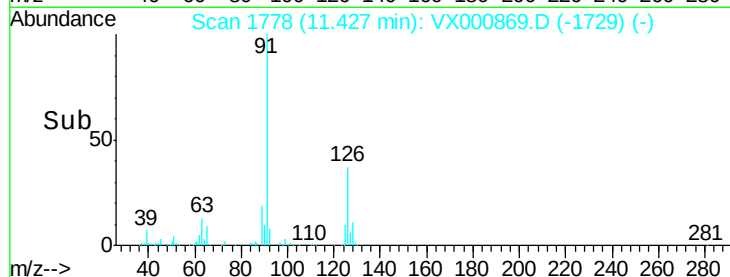
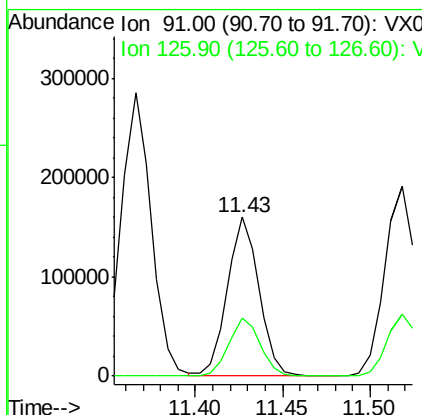
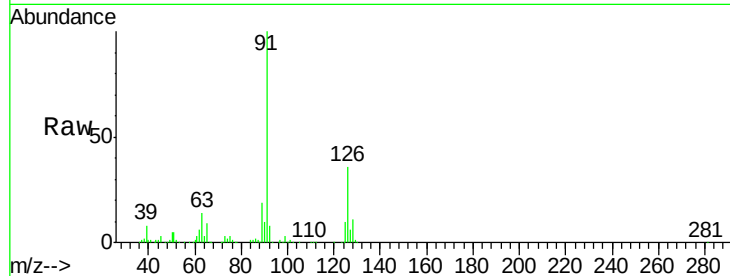
#79
 2-Chlorotoluene
 Concen: 21.05 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion: 91 Resp: 199478
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.3 54.9

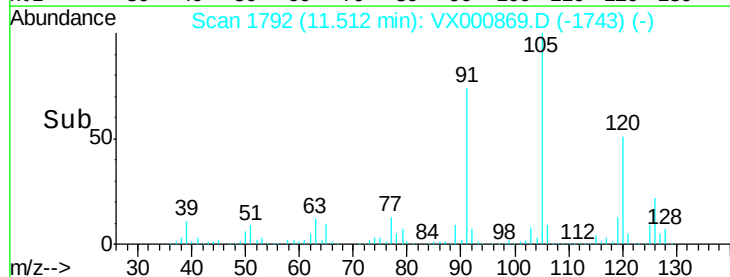
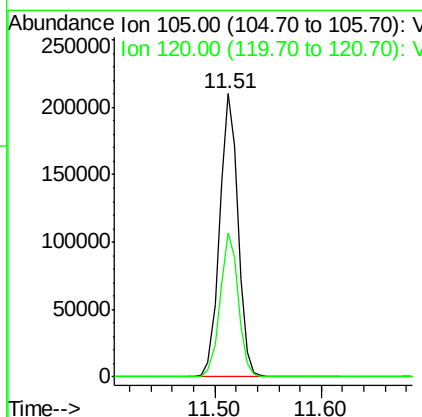
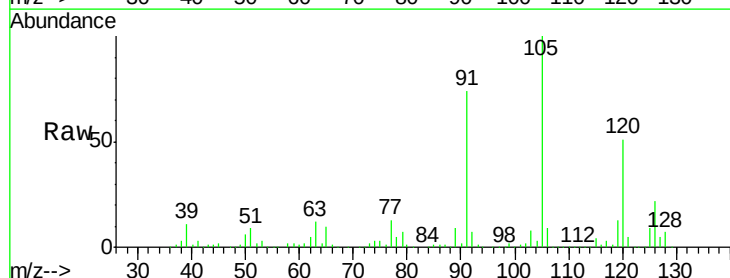
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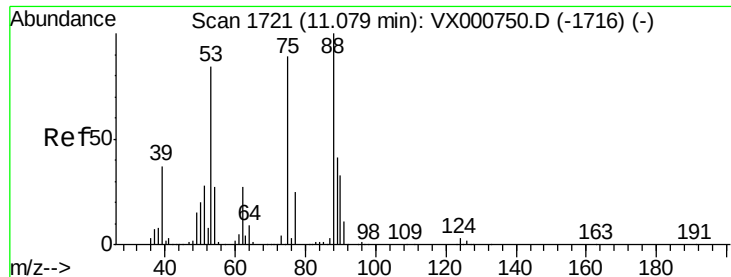
MMDadoda
 4/16/2018 12:51:33 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.93 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion: 105 Resp: 252277
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.15 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tot Ion: 75 Resp: 23755

Ion Ratio Lower Upper

75 100

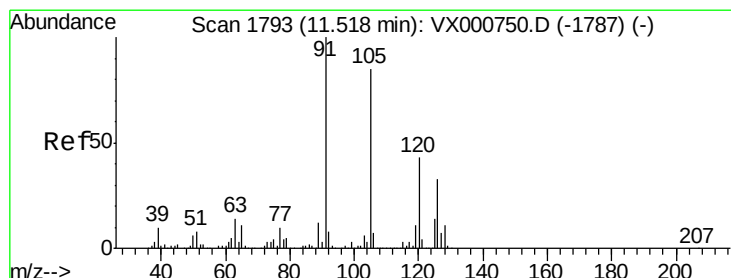
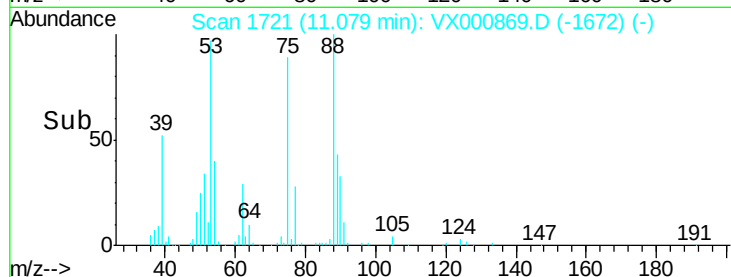
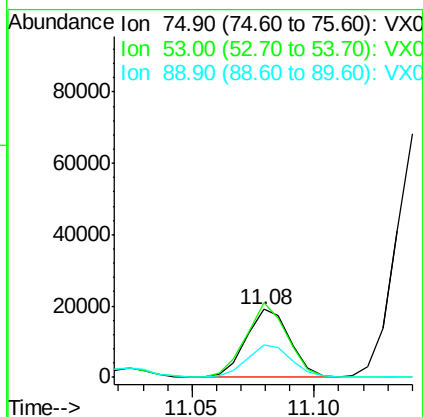
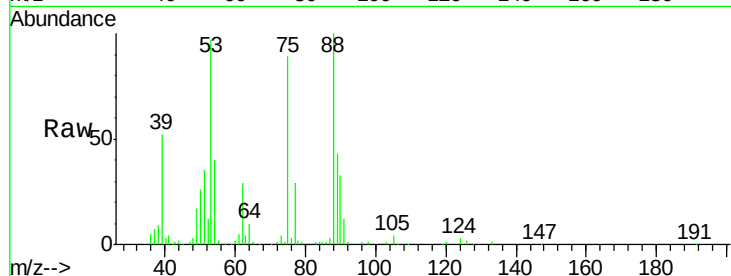
53 105.3 75.4 113.0

89 49.6 40.9 61.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.91 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000869.D

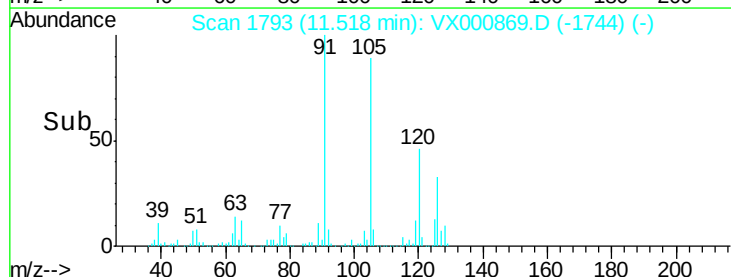
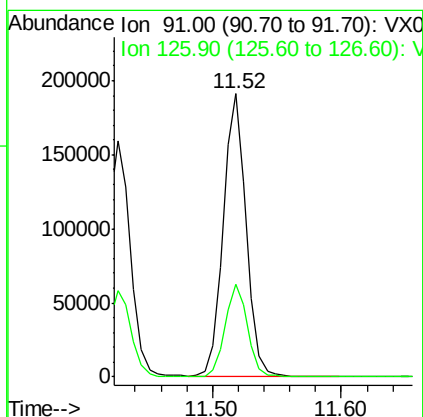
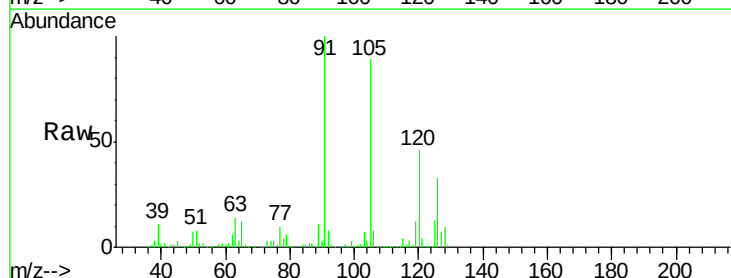
Acq: 14 Apr 2018 12:34

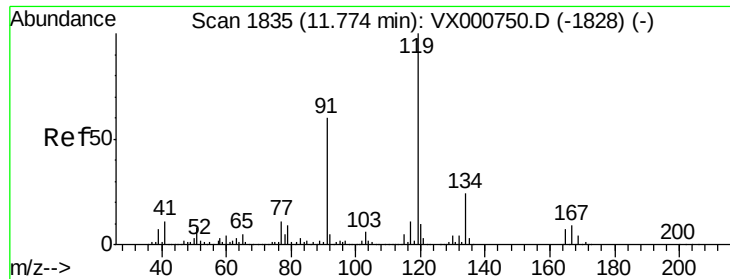
Tgt Ion: 91 Resp: 239173

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.6





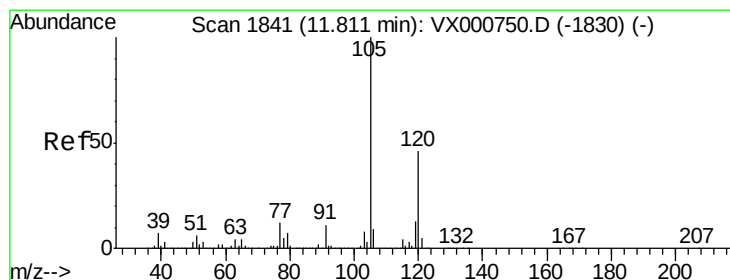
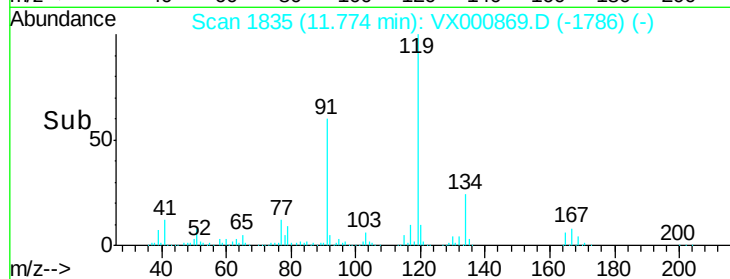
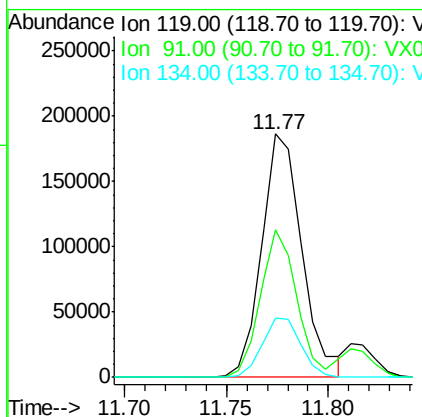
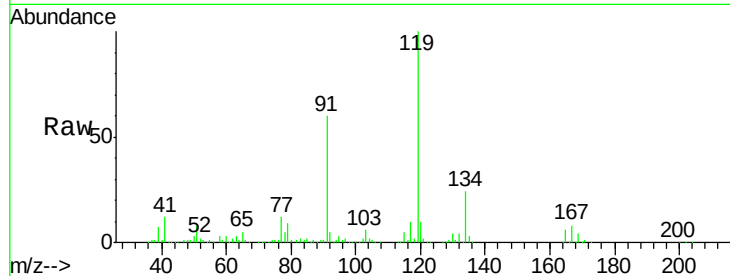
#83
 tert-Butylbenzene
 Concen: 20.83 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	256915		
91	54.5	26.8	80.3	
134	23.7	11.5	34.4	

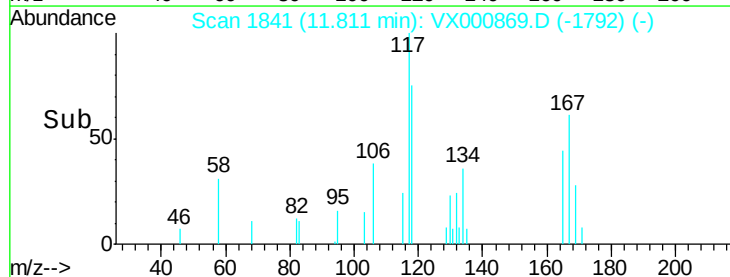
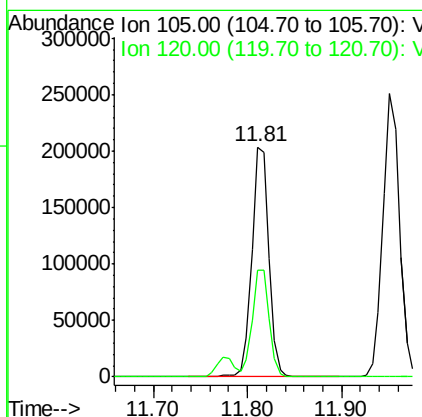
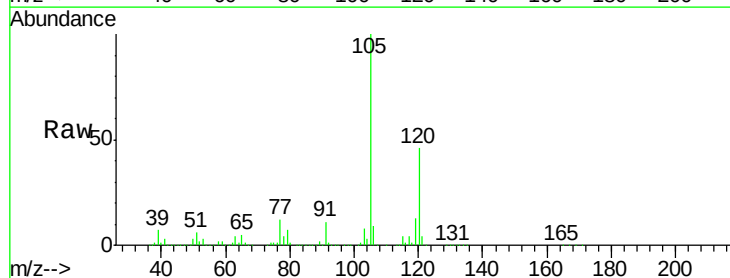
Manual Integrations
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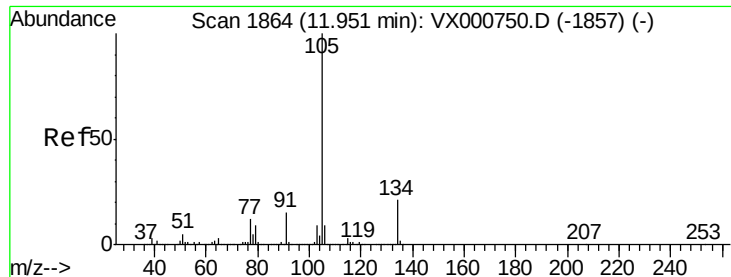
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.78 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	258647		
120	46.3	23.1	69.3	





#85

sec-Butylbenzene

Concen: 21.38 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBS01

Tot Ion:105 Resp: 311118

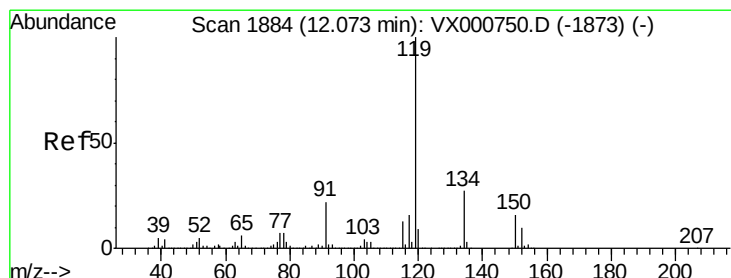
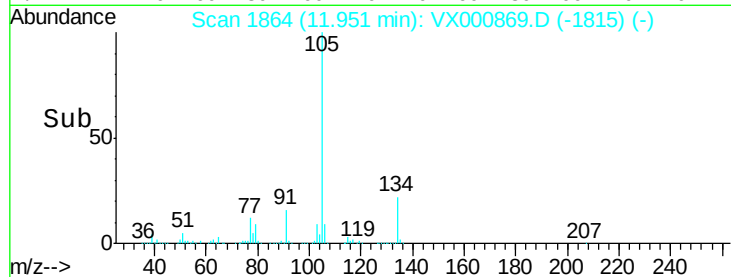
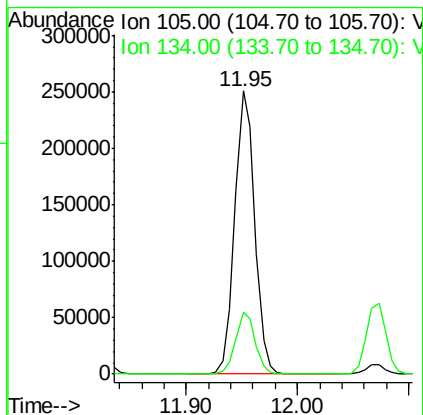
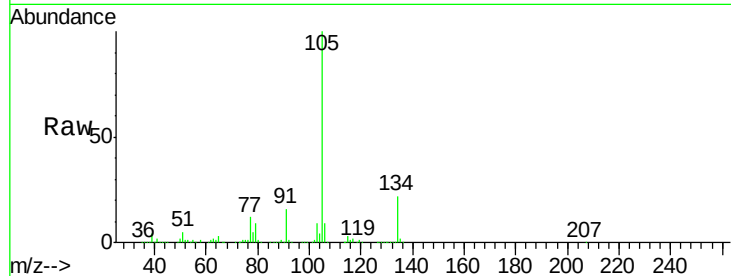
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 21.29 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

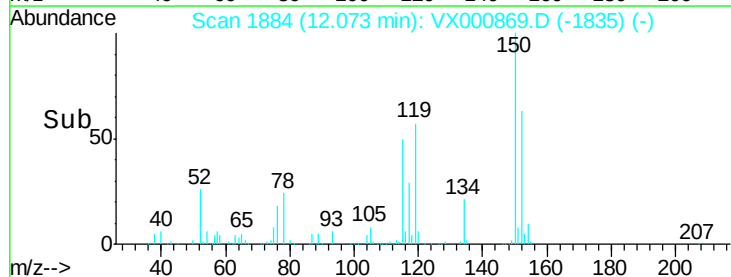
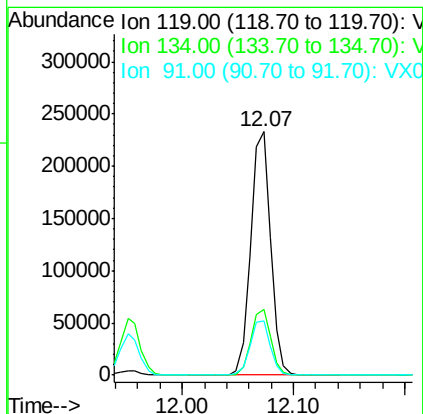
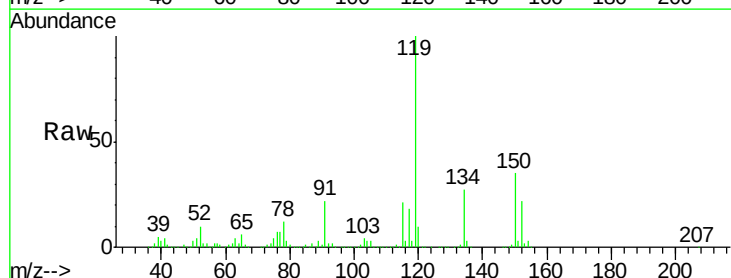
Tgt Ion:119 Resp: 288800

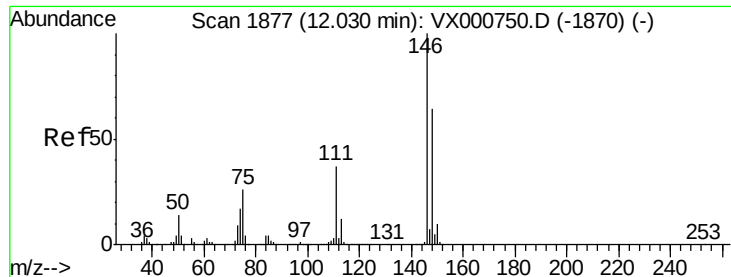
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.6 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 21.11 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

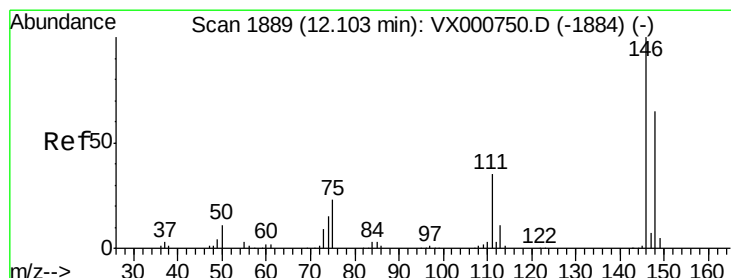
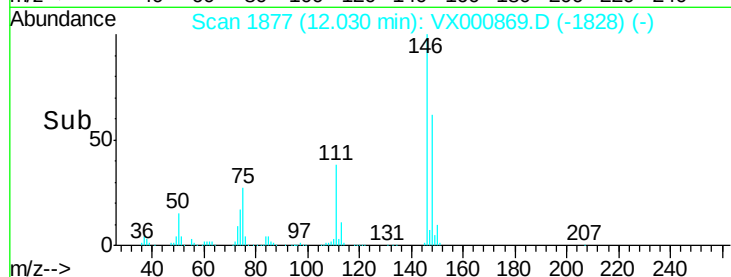
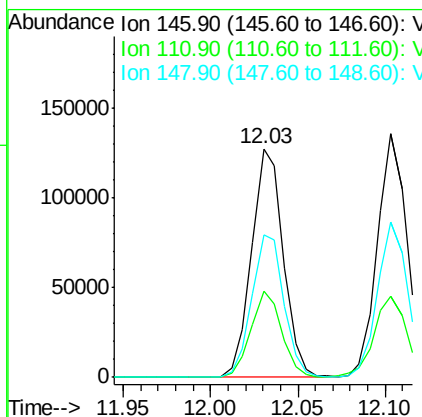
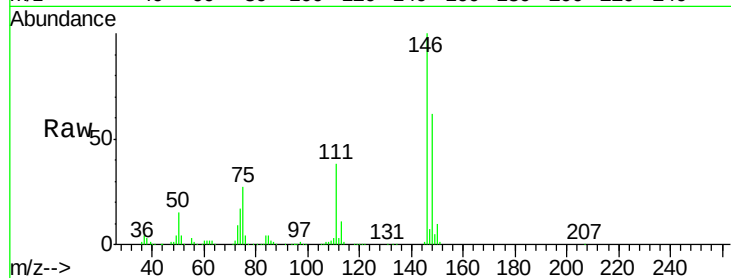
ClientSampleId :

VX0414WBS01

Tot Ion:	146	Resp:	160491
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.3	54.8
148	63.1	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.66 ug/l

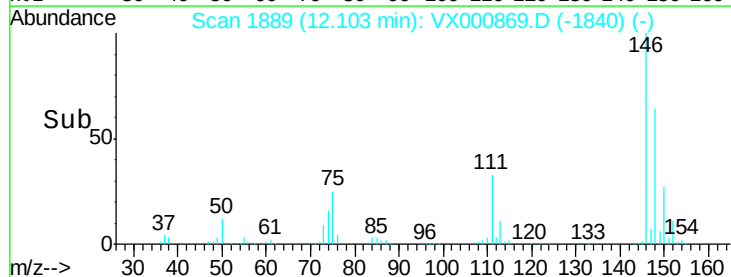
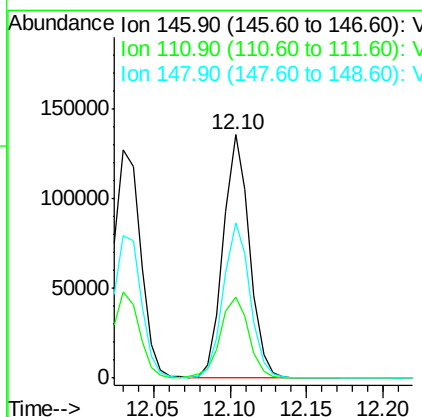
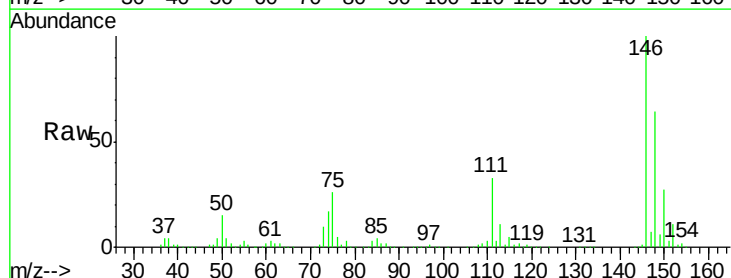
RT: 12.10 min Scan# 1889

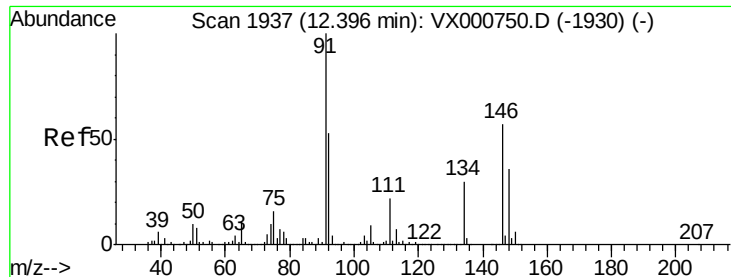
Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion:	146	Resp:	160978
Ion Ratio	Lower	Upper	
146	100		
111	36.6	17.9	53.8
148	65.0	32.6	97.7





#89

n-Butylbenzene

Concen: 21.62 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

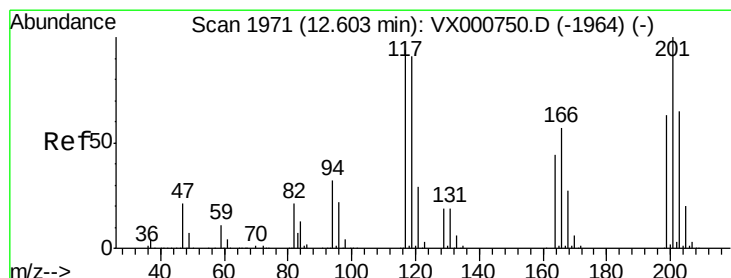
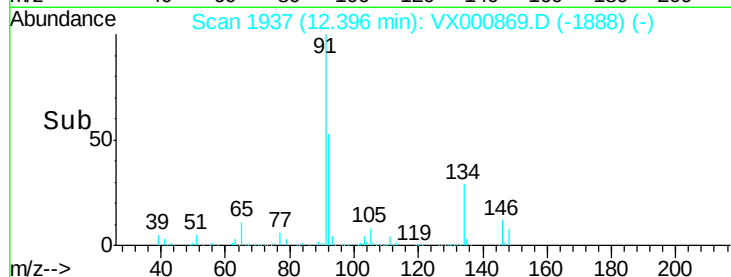
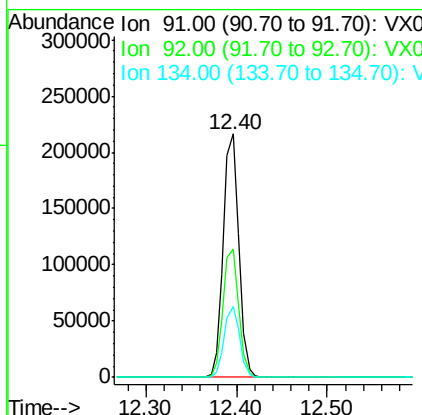
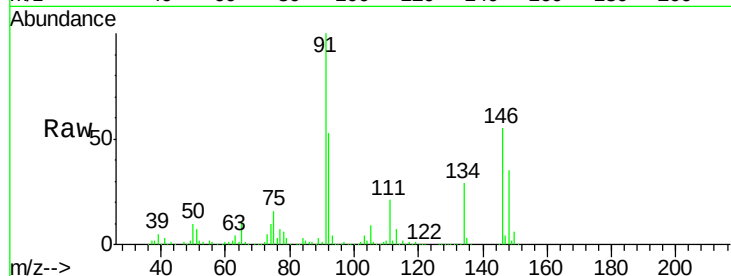
ClientSampleId :

VX0414WBS01

Tot Ion:	91	Resp:	258906
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	28.9	14.5	43.5

Manual Integrations
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#90

Hexachloroethane

Concen: 17.50 ug/l

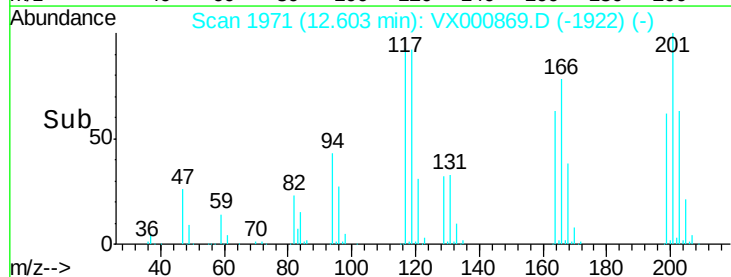
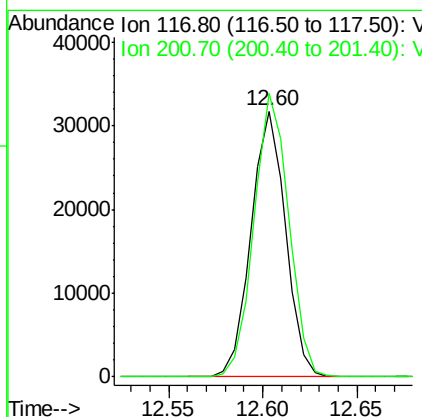
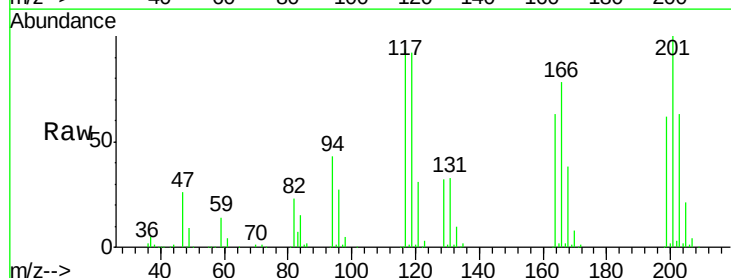
RT: 12.60 min Scan# 1971

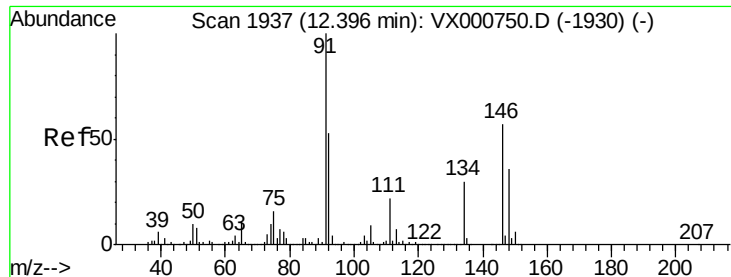
Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion:	117	Resp:	40178
Ion	Ratio	Lower	Upper
117	100		
201	107.4	52.9	158.7





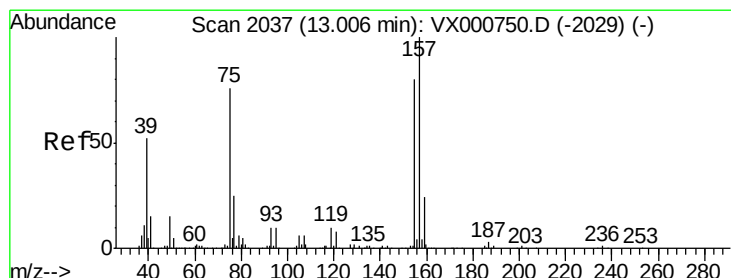
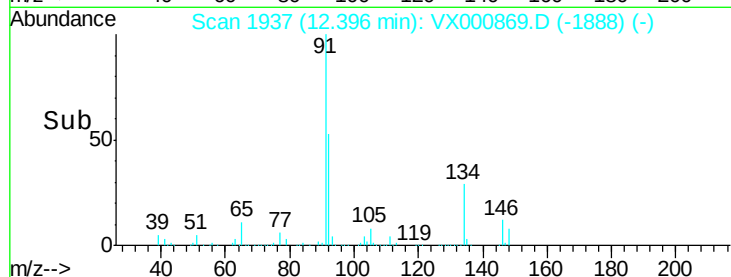
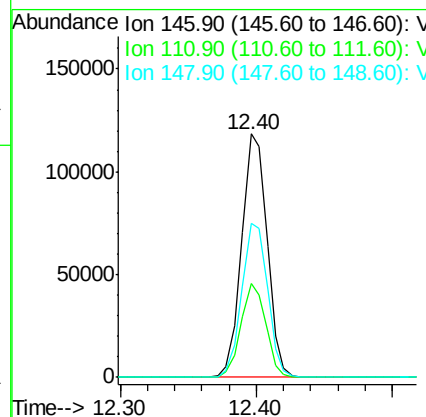
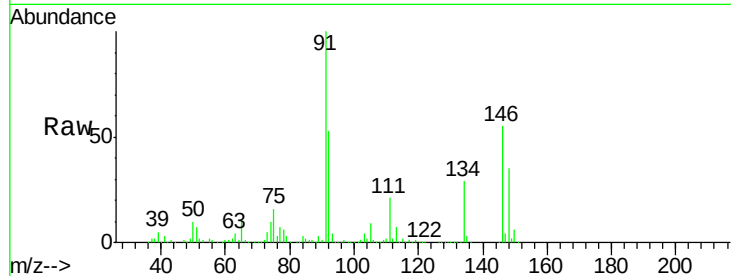
#91
 1,2-Dichlorobenzene
 Concen: 21.06 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	64.4	32.0	96.2

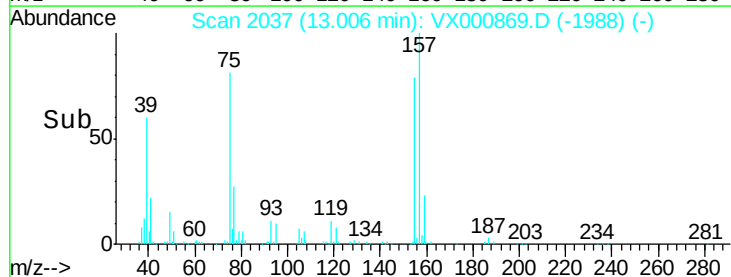
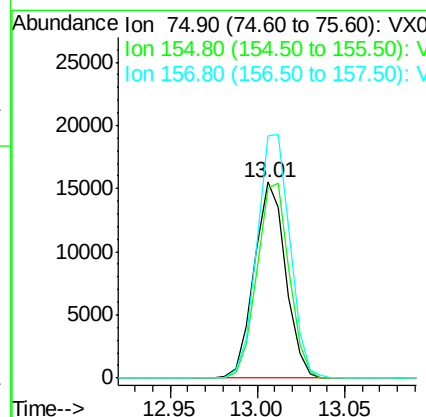
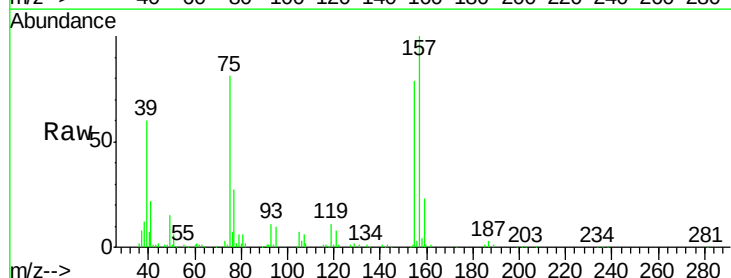
Manual Integrations
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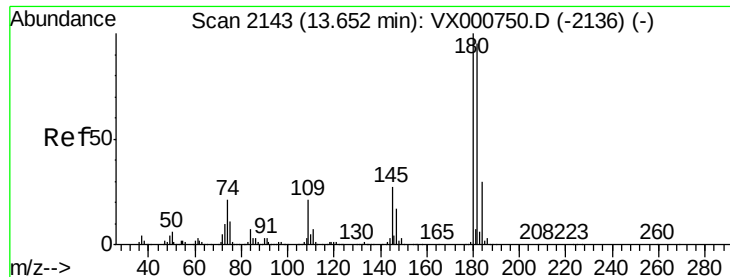
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.02 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.0	51.9	155.8
157	129.8	66.6	199.8





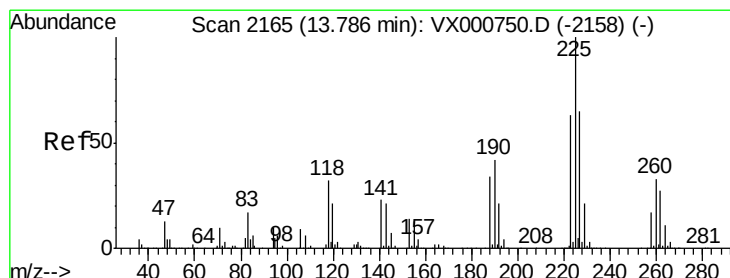
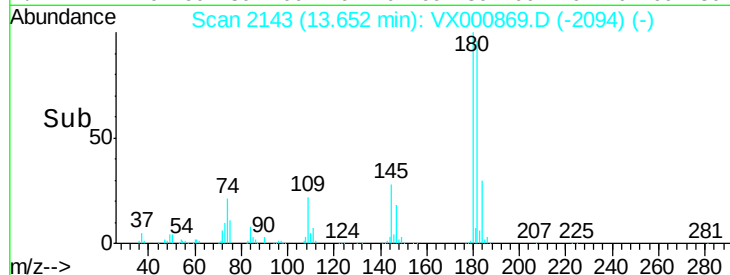
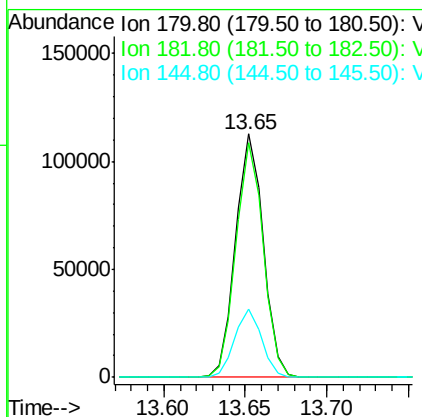
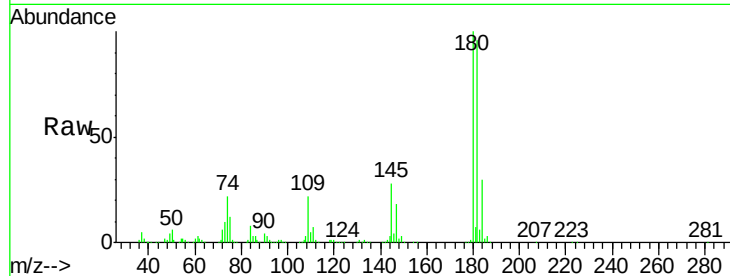
#93
 1,2,4-Trichlorobenzene
 Concen: 21.21 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBS01

Tot Ion:	180	Resp:	132864
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.5	142.5
145	27.7	13.8	41.4

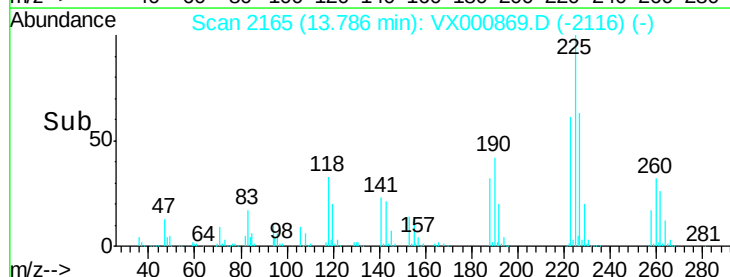
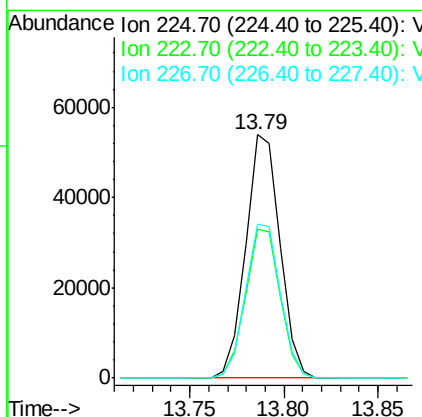
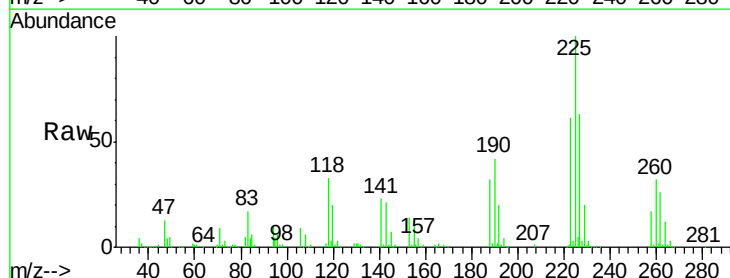
Manual Integrations
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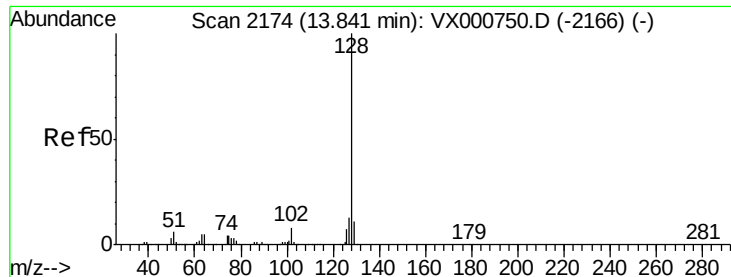
MMDadoda
 4/16/2018 12:51:33 PM



#94
 Hexachlorobutadiene
 Concen: 22.03 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000869.D
 Acq: 14 Apr 2018 12:34

Tgt Ion:	225	Resp:	67852
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.2	93.6
227	64.4	32.3	96.9





#95

Naphthalene

Concen: 21.37 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Instrument :

MSVOA_X

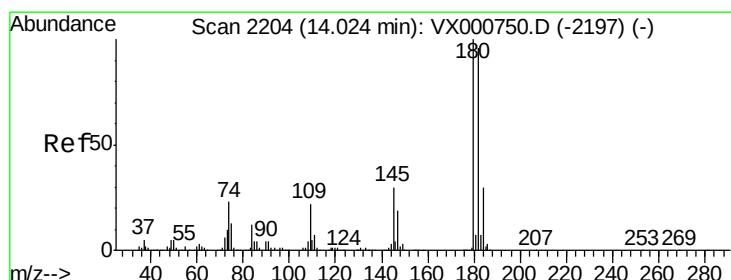
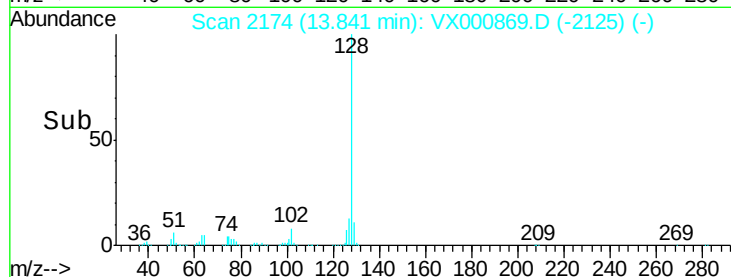
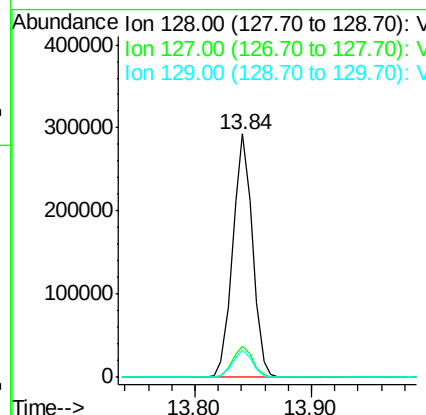
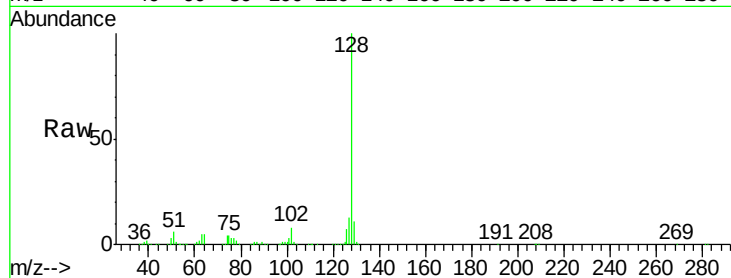
ClientSampleId :

VX0414WBS01

Tot Ion:	128	Resp:	343595
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/16/2018 12:51:33 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.09 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000869.D

Acq: 14 Apr 2018 12:34

Tgt Ion:	180	Resp:	128331
Ion Ratio		Lower	Upper
180	100		
182	96.9	48.4	145.2
145	29.5	14.6	43.8

