

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000841.D
 Acq On : 13 Apr 2018 10:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2018 12:59:54 PM

Quant Time: Apr 14 05:18:35 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	258931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141170	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	5.51	113	121212	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	8.72	98	445931	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
62) 4-Bromofluorobenzene	11.15	95	182357	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144122	49.31	ug/l	100
3) Chloromethane	1.32	50	122877	49.03	ug/l	100
4) Vinyl Chloride	1.40	62	137370	48.73	ug/l	97
5) Bromomethane	1.64	94	69916	60.21	ug/l	99
6) Chloroethane	1.73	64	83324	48.77	ug/l	99
7) Trichlorofluoromethane	1.93	101	208499	49.03	ug/l	98
8) Diethyl Ether	2.19	74	77469	48.76	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	126683	50.52	ug/l	100
10) Methyl Iodide	2.51	142	82188	43.41	ug/l	99
11) Tert butyl alcohol	3.07	59	122078	210.61	ug/l	100
12) 1,1-Dichloroethene	2.38	96	113684	47.84	ug/l	99
13) Acrolein	2.29	56	43386	154.13	ug/l	98
14) Allyl chloride	2.73	41	210112	47.81	ug/l	99
15) Acrylonitrile	3.15	53	303546	245.62	ug/l	99
16) Acetone	2.45	43	263337	233.90	ug/l	100
17) Carbon Disulfide	2.57	76	320699	44.56	ug/l	100
18) Methyl Acetate	2.78	43	149930	51.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	390450	49.33	ug/l	99
20) Methylene Chloride	2.86	84	124786	47.65	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	125245	47.79	ug/l	98
22) Diisopropyl ether	3.87	45	391401	48.47	ug/l	96
23) Vinyl Acetate	3.83	43	1698330	239.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	222235	49.04	ug/l	100
25) 2-Butanone	4.71	43	442903	238.22	ug/l	99
26) 2,2-Dichloropropane	4.59	77	213063	47.37	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	146892	49.39	ug/l	99
28) Bromochloromethane	5.03	49	90950	49.84	ug/l	98
29) Tetrahydrofuran	5.17	42	278068	235.55	ug/l	99
30) Chloroform	5.22	83	239098	49.83	ug/l	97
31) Cyclohexane	5.58	56	207586	48.24	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	221004	48.35	ug/l	100
36) 1,1-Dichloropropene	5.81	75	182606	48.49	ug/l	99
37) Ethyl Acetate	4.87	43	175319	47.69	ug/l	100
38) Carbon Tetrachloride	5.79	117	199688	47.38	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227583	50.33	ug/l	99
40) Benzene	6.15	78	524368	50.12	ug/l	100
41) Methacrylonitrile	5.07	41	105468	49.66	ug/l	98
42) 1,2-Dichloroethane	6.20	62	191816	49.09	ug/l	100
43) Isopropyl Acetate	6.47	43	305248	48.43	ug/l	100
44) Trichloroethene	7.22	130	161709	49.70	ug/l	95
45) 1,2-Dichloropropane	7.52	63	131920	49.51	ug/l	99
46) Dibromomethane	7.67	93	91681	49.36	ug/l	99
47) Bromodichloromethane	7.90	83	183789	49.02	ug/l	100
48) Methyl methacrylate	7.79	41	160889	49.25	ug/l	99
49) 1,4-Dioxane	7.76	88	54572	831.25	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	908598	245.43	ug/l	98
52) Toluene	8.79	92	347090	50.00	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	224100	49.83	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	215391	49.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	138963	50.43	ug/l	99
56) Ethyl methacrylate	9.19	69	211455	49.74	ug/l	98
57) 1,3-Dichloropropane	9.38	76	223562	51.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	354453	178.47	ug/l	100
59) 2-Hexanone	9.51	43	695833	243.46	ug/l	100
60) Dibromochloromethane	9.59	129	164215	49.80	ug/l	100
61) 1,2-Dibromoethane	9.68	107	148299	50.73	ug/l	99
64) Tetrachloroethene	9.34	164	162449	51.10	ug/l	99
65) Chlorobenzene	10.15	112	409574	50.08	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	151980	49.37	ug/l	99
67) Ethyl Benzene	10.26	91	674768	49.48	ug/l	100
68) m/p-Xylenes	10.37	106	540757	100.47	ug/l	99
69) o-Xylene	10.71	106	263975	50.89	ug/l	98
70) Styrene	10.72	104	438904	50.18	ug/l	100
71) Bromoform	10.87	173	135689	47.60	ug/l	100
73) Isopropylbenzene	11.02	105	708793	50.02	ug/l	100
74) N-amyl acetate	6.47	43	305248	47.84	ug/l #	99
75) 1,1,1,2-Tetrachloroethane	11.27	83	200157	48.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	189756m	49.26	ug/l	
77) Bromobenzene	11.26	156	205498	49.48	ug/l	99
78) n-propylbenzene	11.37	91	809797	49.96	ug/l	100
79) 2-Chlorotoluene	11.43	91	472856	49.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	601295	49.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	63787	45.55	ug/l	98
82) 4-Chlorotoluene	11.52	91	564389	48.81	ug/l	99
83) tert-Butylbenzene	11.77	119	622527	49.93	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	623931	49.59	ug/l	100
85) sec-Butylbenzene	11.95	105	742253	50.47	ug/l	100
86) p-Isopropyltoluene	12.07	119	689918	50.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	381959	49.69	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	388439	49.31	ug/l	99
89) n-Butylbenzene	12.40	91	614784	50.78	ug/l	100
90) Hexachloroethane	12.60	117	109502	47.18	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	367702	49.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45116	43.79	ug/l	98

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QLast Update : Tue Apr 10 15:49:28 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	320895	50.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	163642	52.56	ug/l	100
95) Naphthalene	13.84	128	807216	49.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	307771	50.04	ug/l	100

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

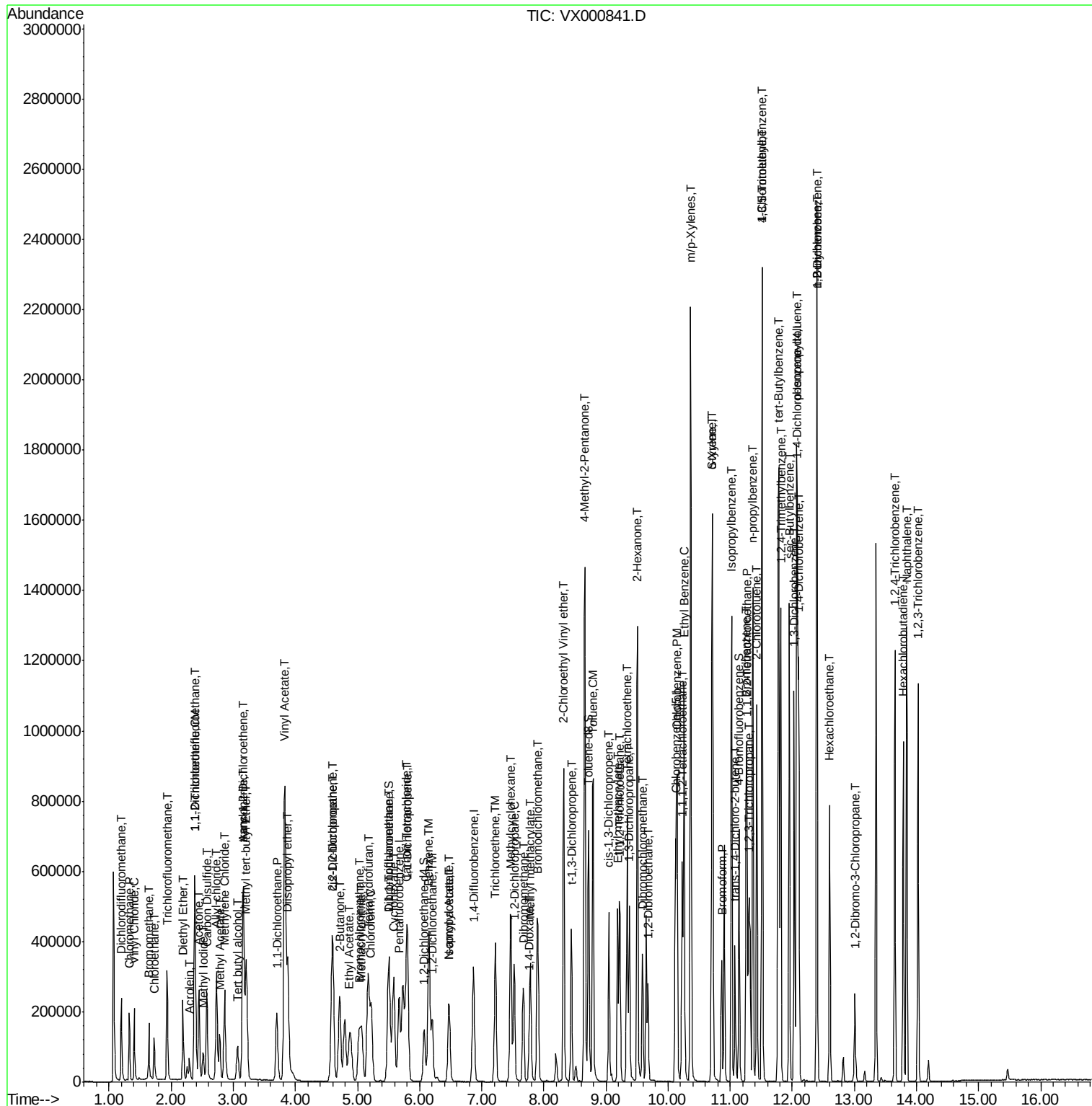
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
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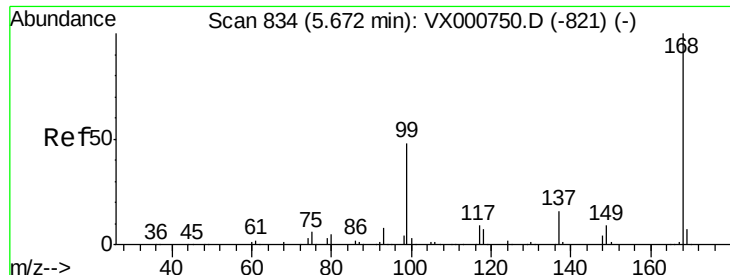
Instrument :
 MSVOA_X
 ClientSampleId :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 258931

Ion Ratio Lower Upper

168 100

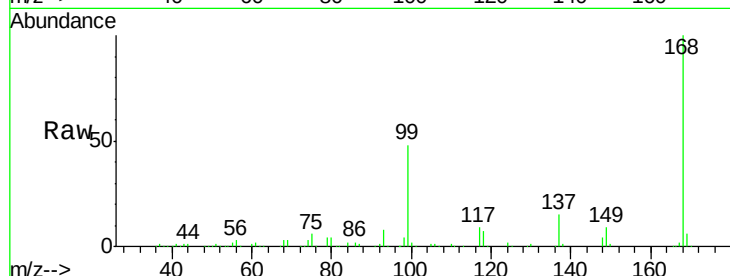
99 47.6 38.3 57.5

Manual Integrations

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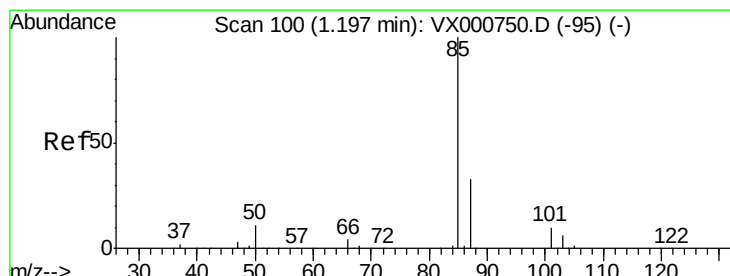
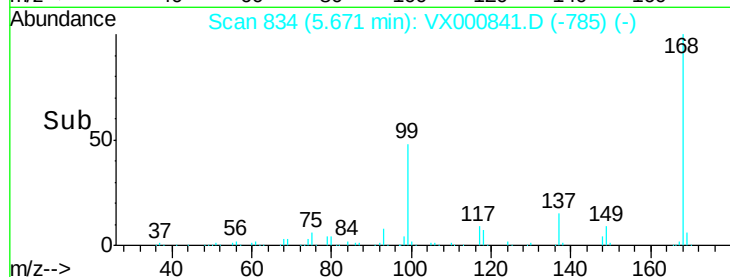
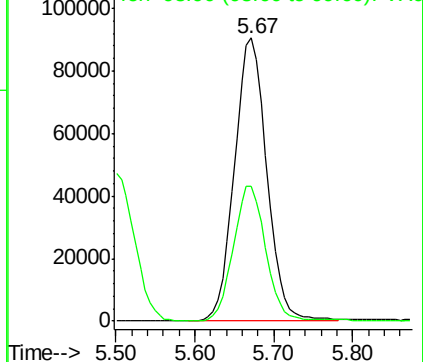
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000841.D

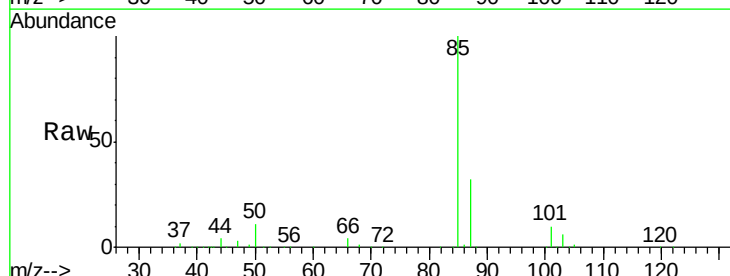
Acq: 13 Apr 2018 10:50

Tgt Ion: 85 Resp: 144122

Ion Ratio Lower Upper

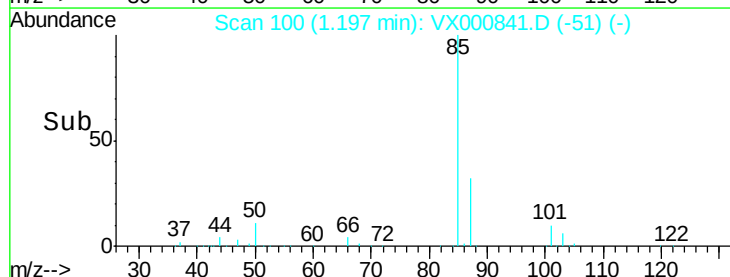
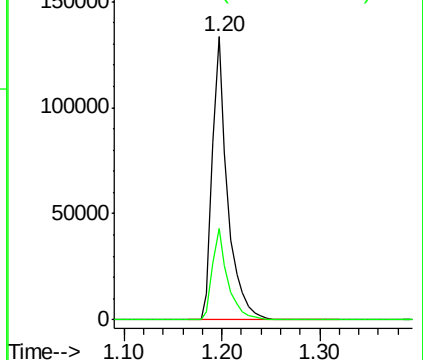
85 100

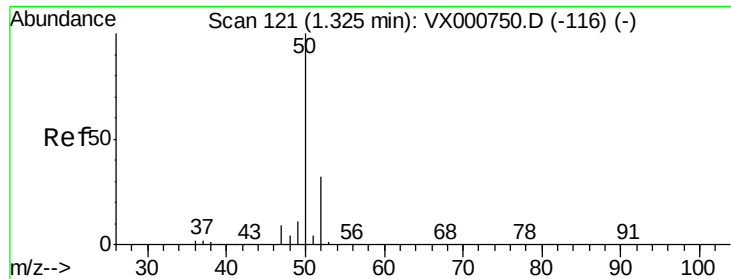
87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 122877

Ion Ratio Lower Upper

50 100

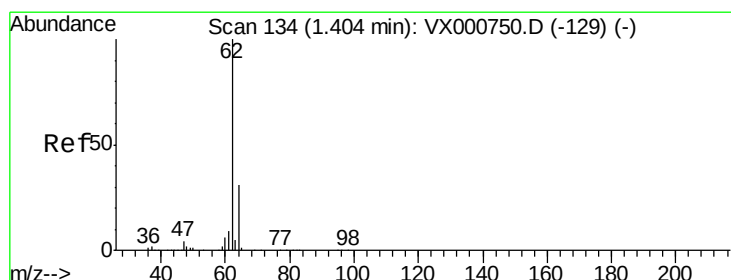
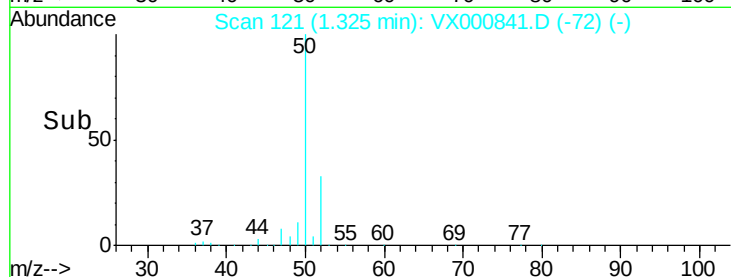
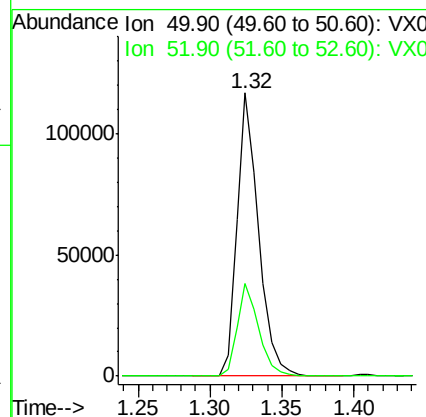
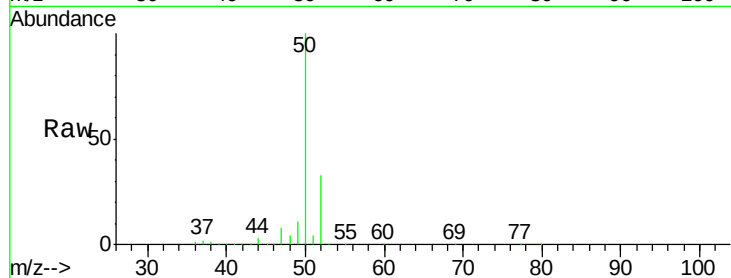
52 32.5 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000841.D

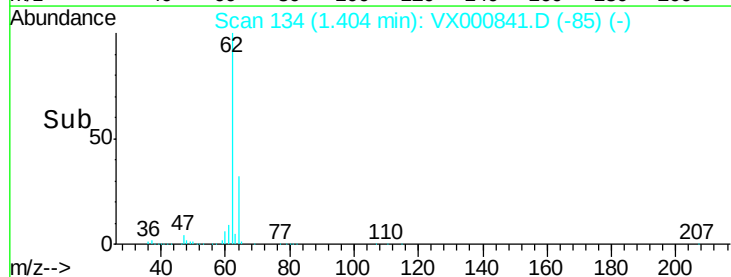
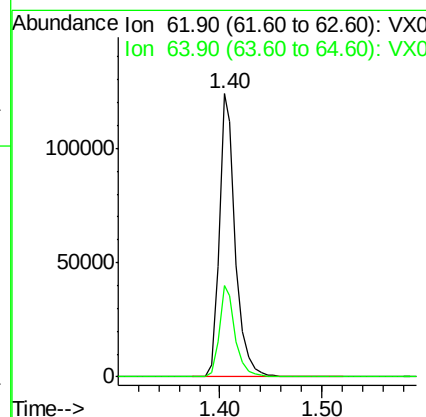
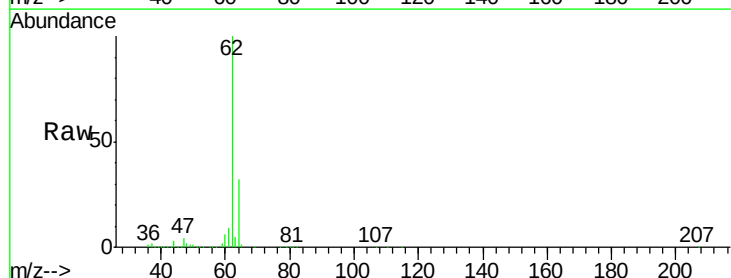
Acq: 13 Apr 2018 10:50

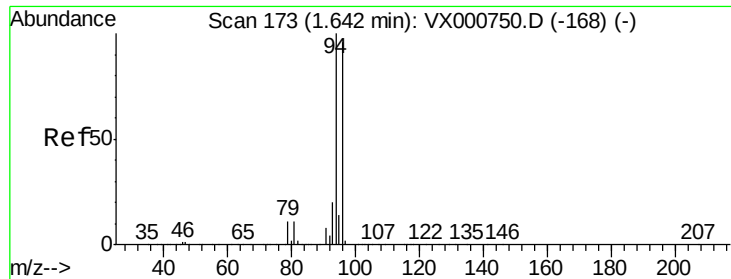
Tgt Ion: 62 Resp: 137370

Ion Ratio Lower Upper

62 100

64 32.2 24.6 36.8





#5

Bromomethane

Concen: 60.21 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 69916

Ion Ratio Lower Upper

94 100

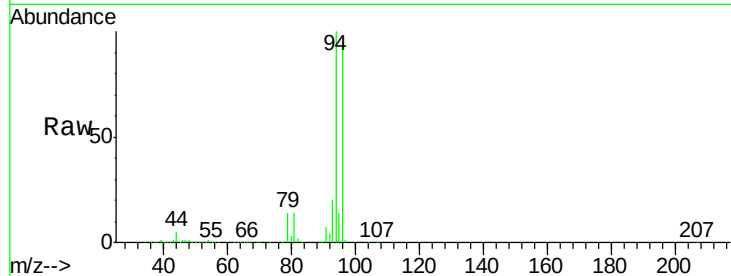
96 95.5 77.0 115.6

Manual Integrations

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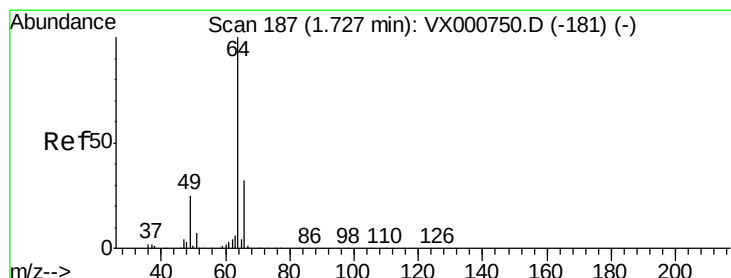
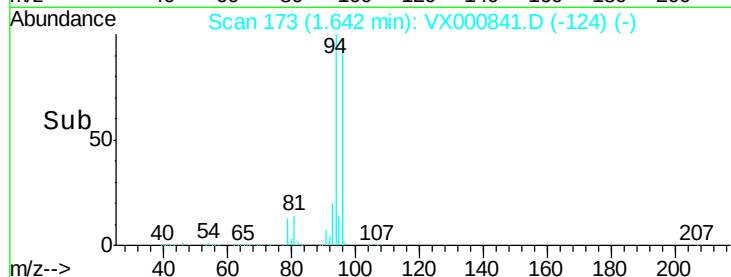
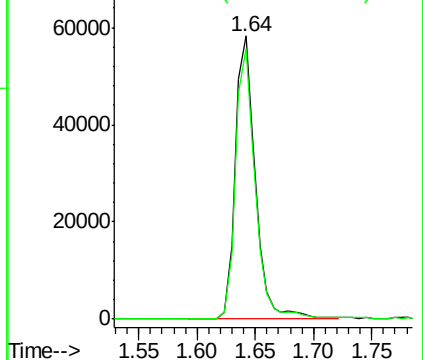
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.77 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000841.D

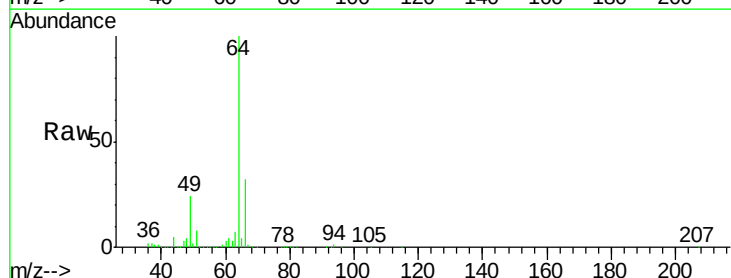
Acq: 13 Apr 2018 10:50

Tgt Ion: 64 Resp: 83324

Ion Ratio Lower Upper

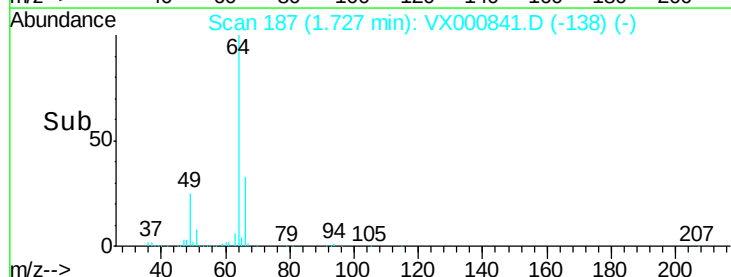
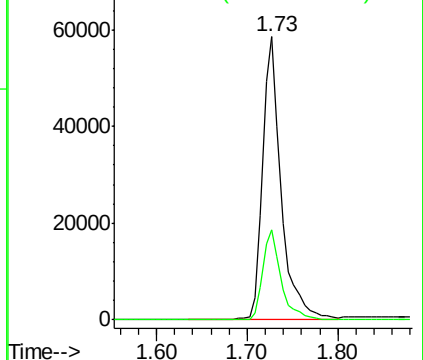
64 100

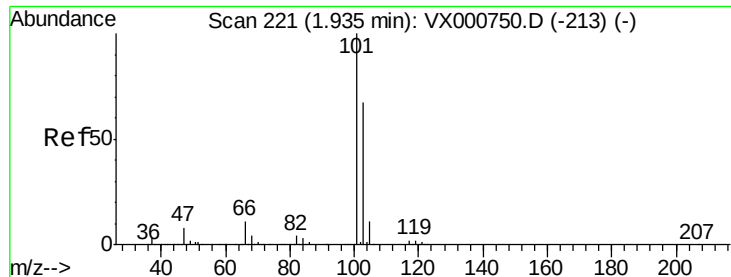
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

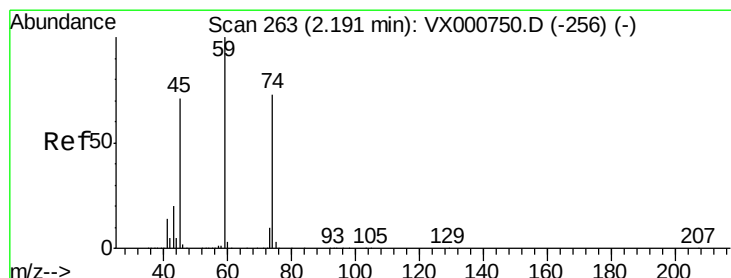
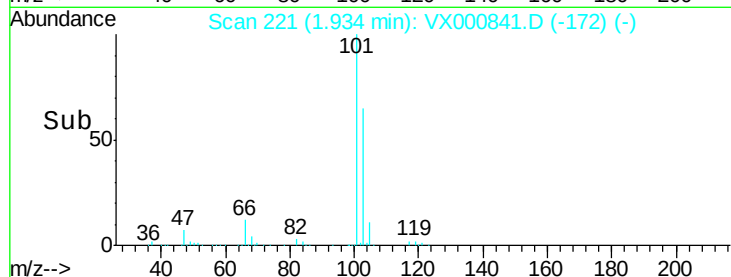
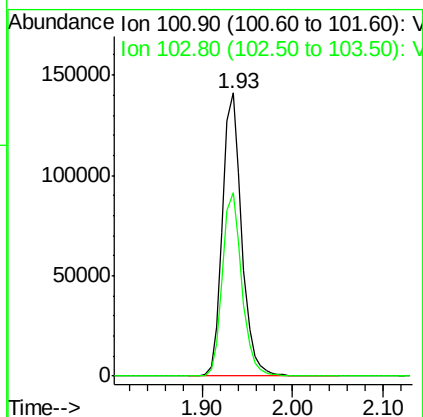
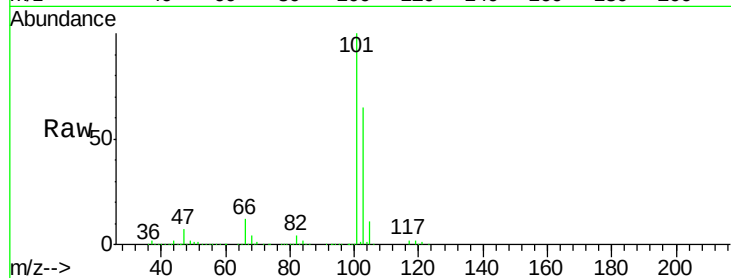
Trichlorofluoromethane
 Concen: 49.03 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	208499		
103	65.0	53.2	79.8	

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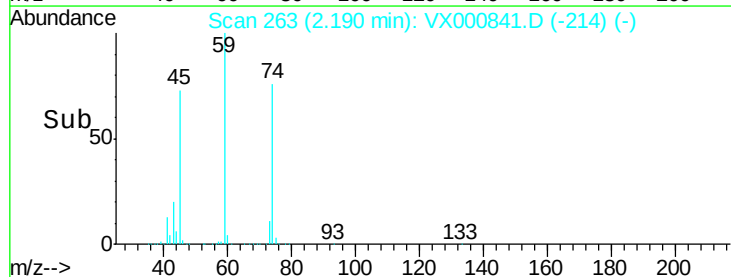
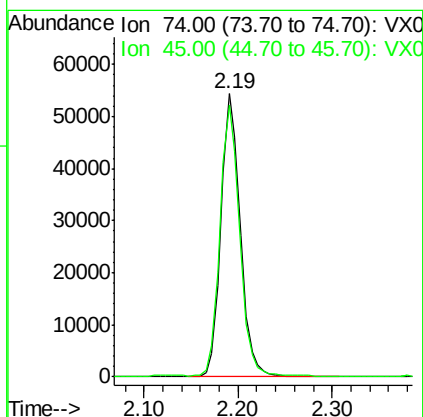
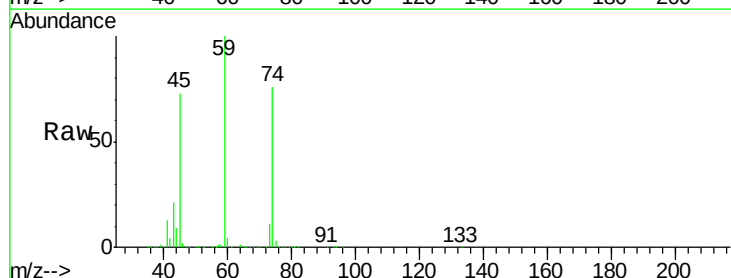
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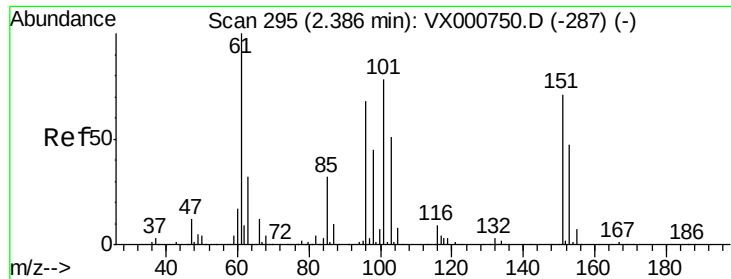


#8

Diethyl Ether
 Concen: 48.76 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	77469		
45	97.4	48.6	145.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.52 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

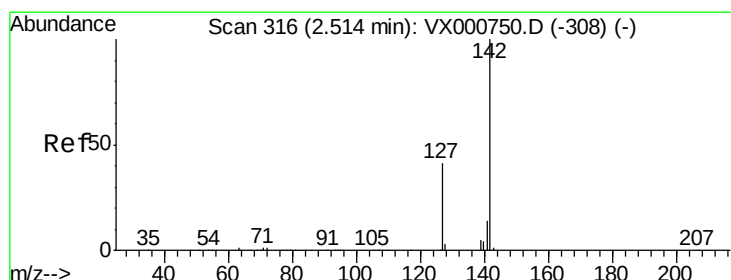
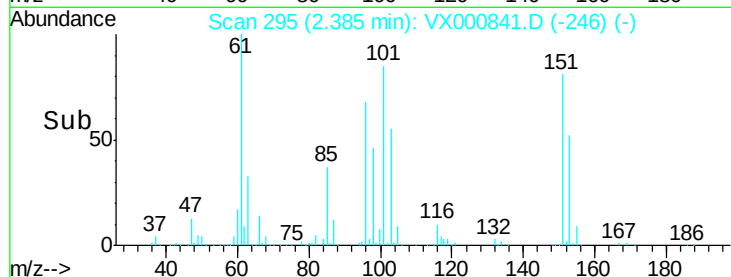
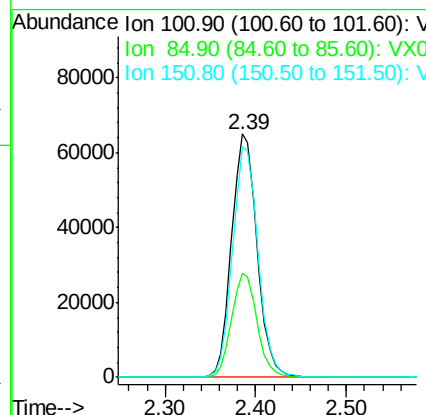
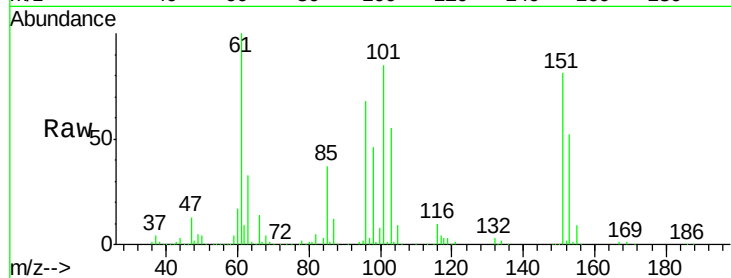
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	126683
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.0	51.0
151	95.1	75.8	113.8

Manual Integrations
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4/16/2018 12:59:54 PM



#10

Methyl Iodide

Concen: 43.41 ug/l

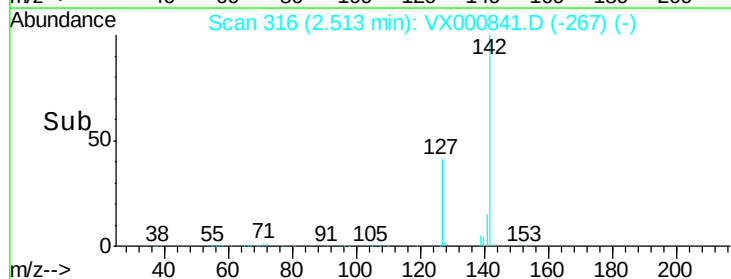
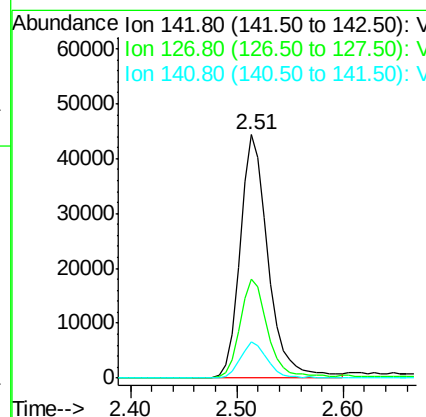
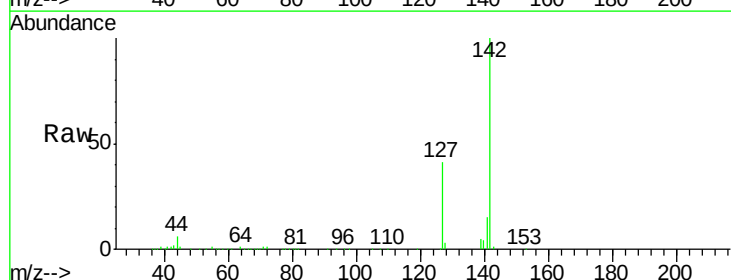
RT: 2.51 min Scan# 316

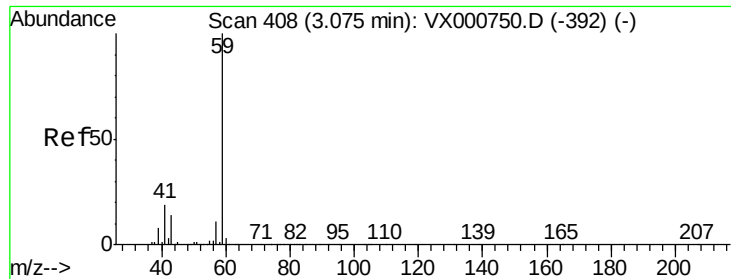
Delta R.T. 0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion:	142	Resp:	82188
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.6	49.0
141	14.8	11.5	17.3





#11

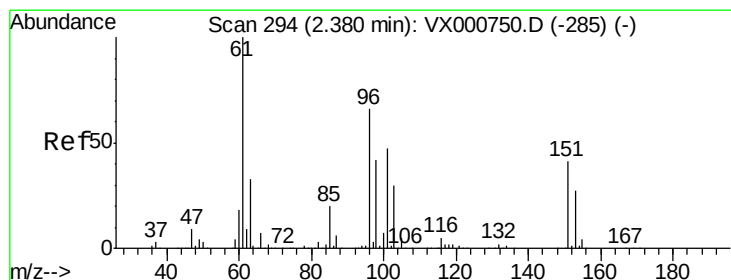
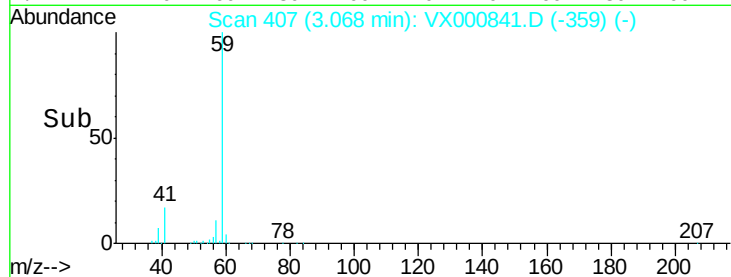
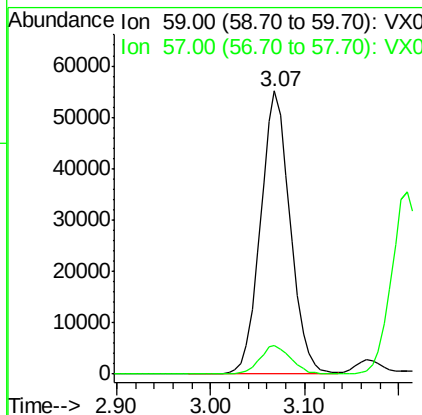
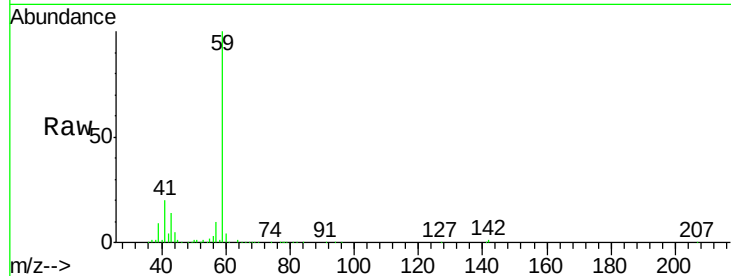
Tert butyl alcohol
 Concen: 210.61 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

Manual Integrations
 APPROVED

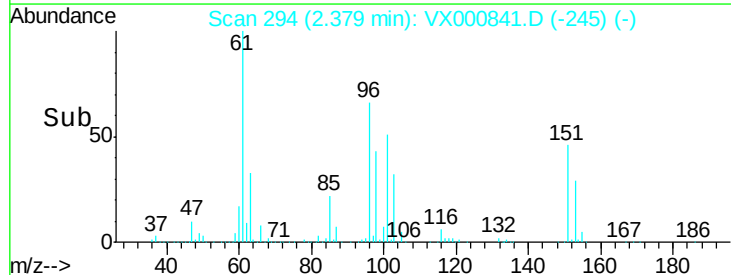
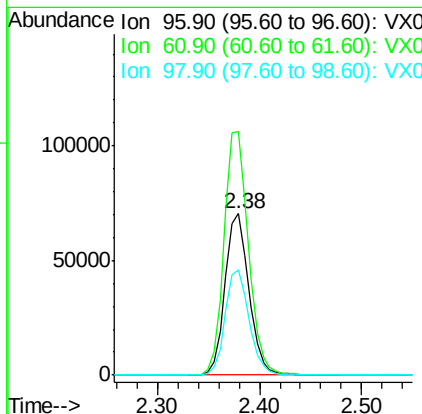
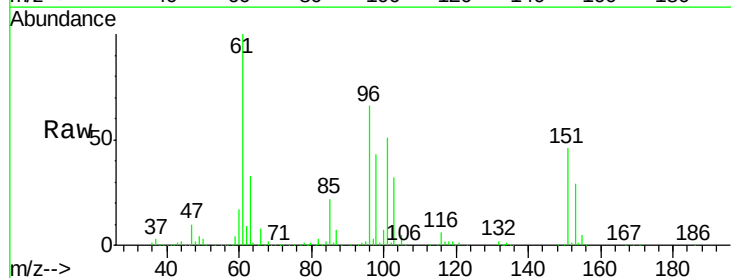
MMDadoda
 4/16/2018 12:59:54 PM

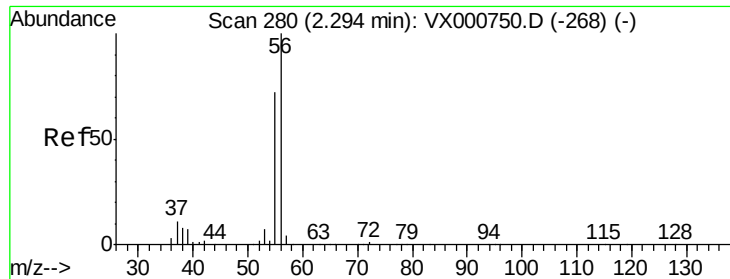


#12

1,1-Dichloroethene
 Concen: 47.84 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.0	120.5	180.7
98	65.5	50.9	76.3





#13

Acrolein

Concen: 154.13 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 43386

Ion Ratio Lower Upper

56 100

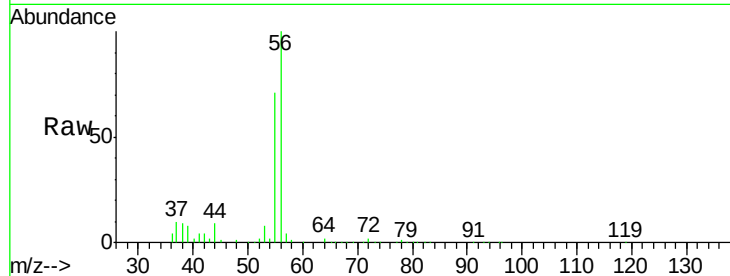
55 71.5 58.7 88.1

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

30000

25000

20000

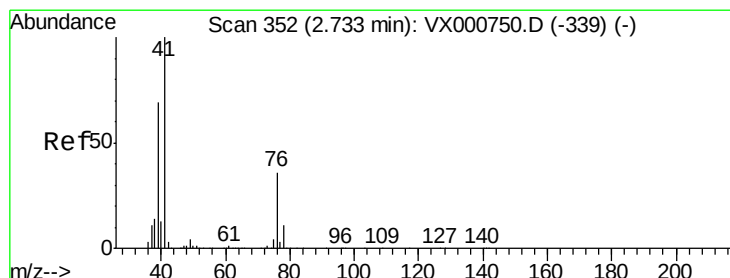
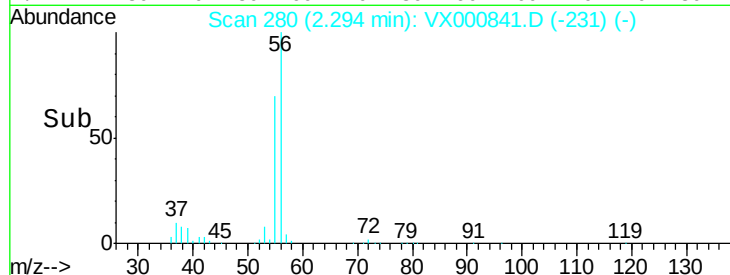
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 47.81 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

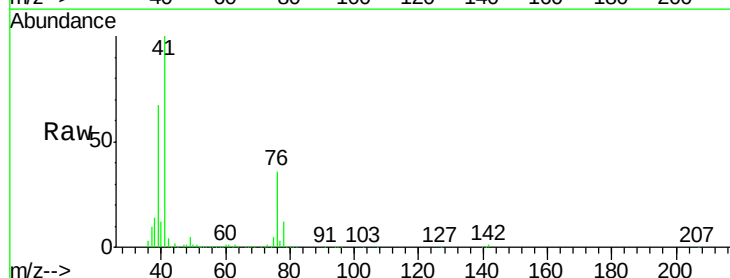
Tgt Ion: 41 Resp: 210112

Ion Ratio Lower Upper

41 100

39 63.6 51.5 77.3

76 33.0 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

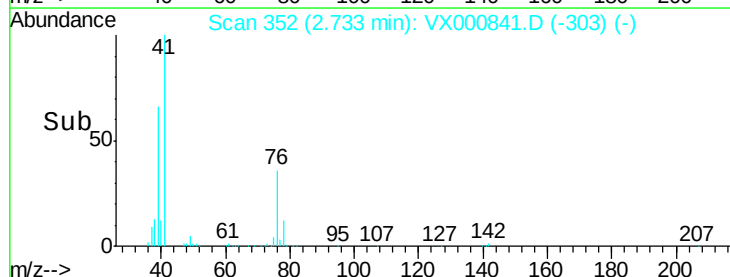
150000

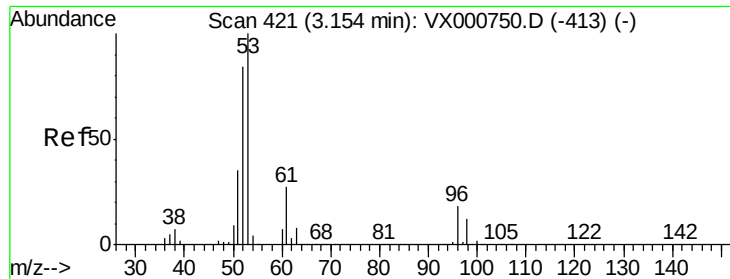
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 245.62 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

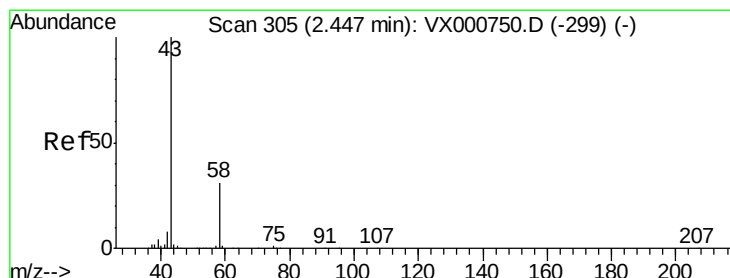
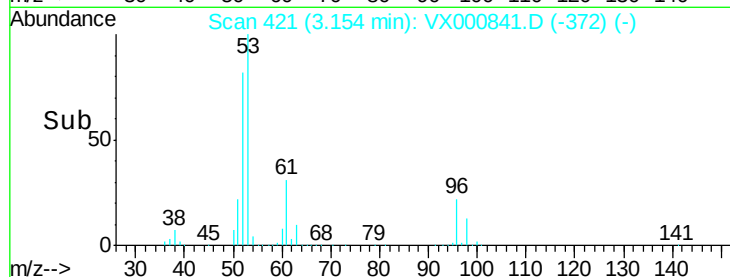
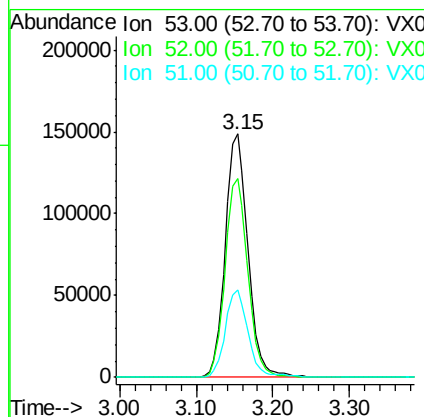
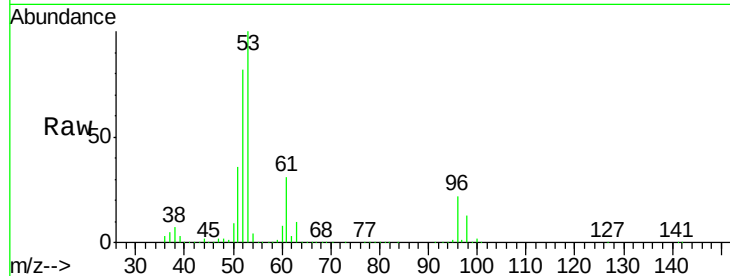
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	303546
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.5	99.7
51	36.2	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 233.90 ug/l

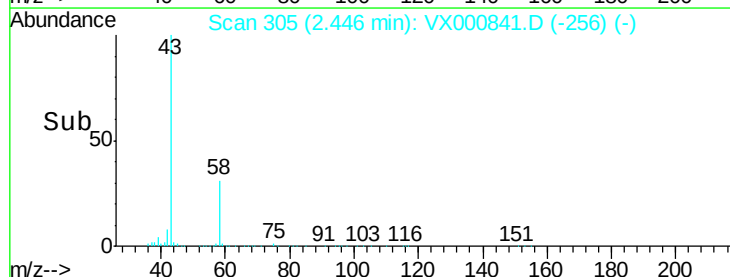
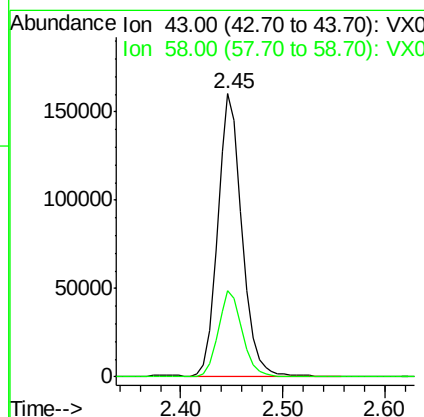
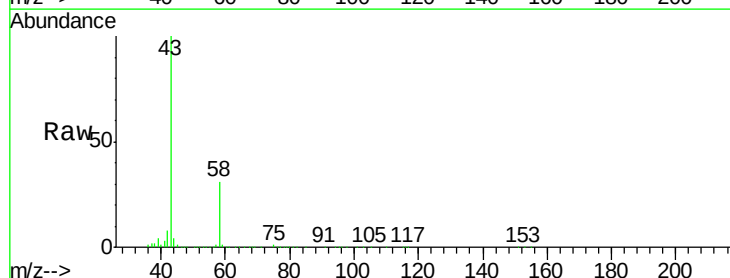
RT: 2.45 min Scan# 305

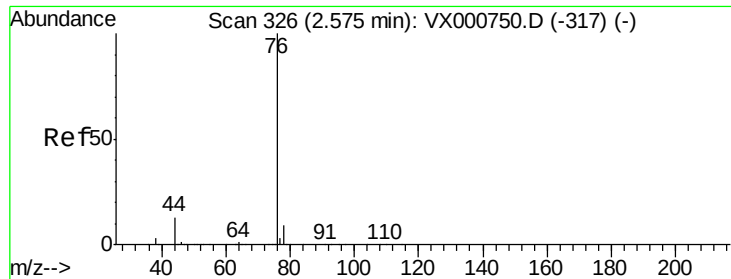
Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion:	43	Resp:	263337
Ion Ratio	Lower	Upper	
43	100		
58	30.7	24.6	37.0





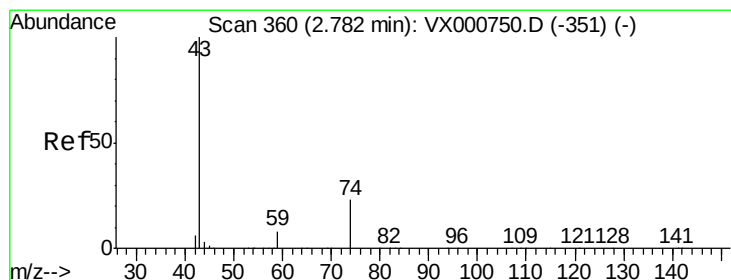
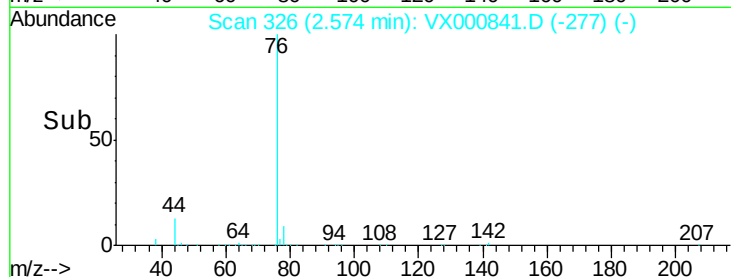
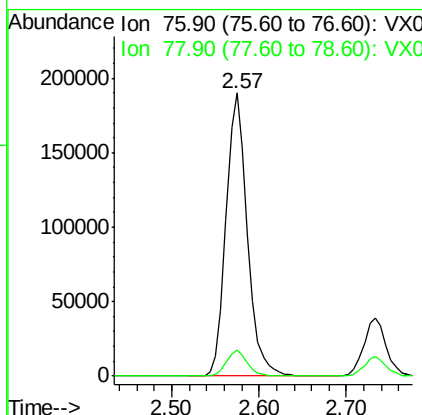
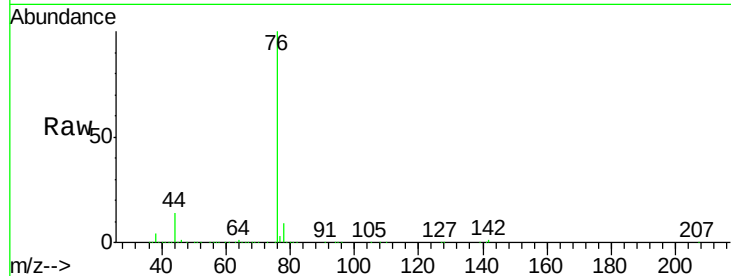
#17
Carbon Disulfide
Concen: 44.56 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

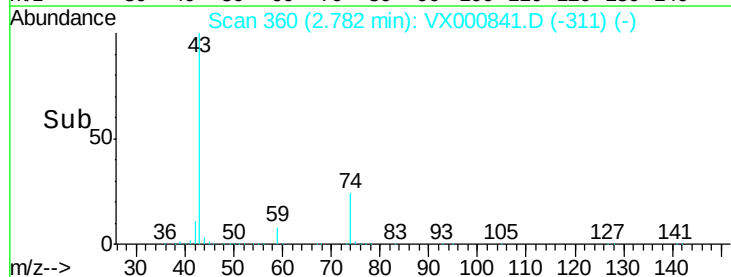
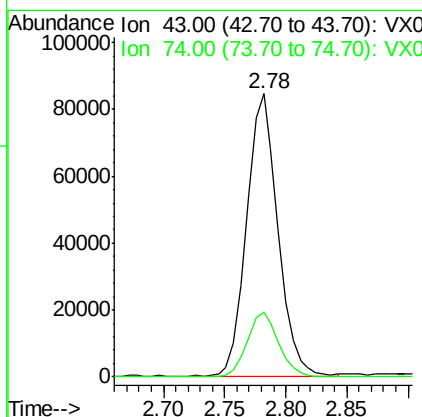
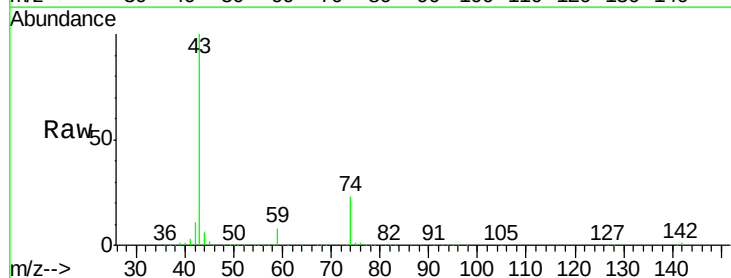
Manual Integrations
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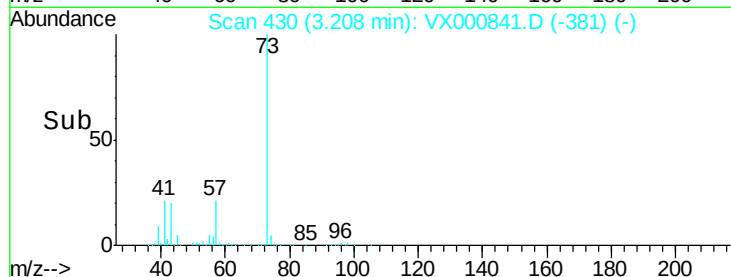
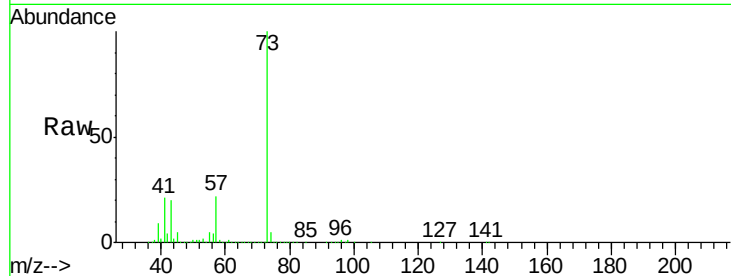
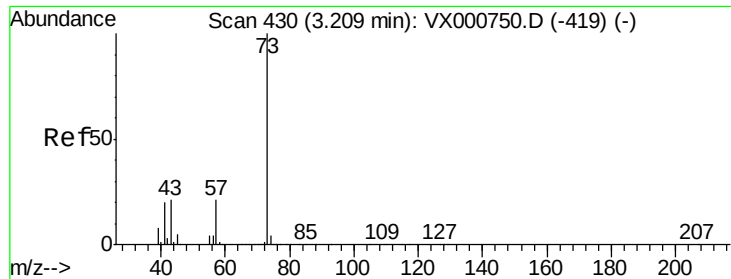
MMDadoda
4/16/2018 12:59:54 PM



#18
Methyl Acetate
Concen: 51.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.1	28.7





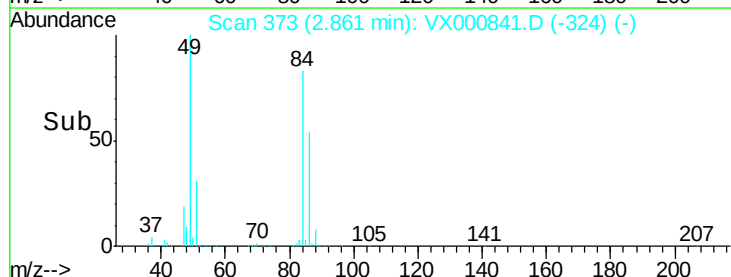
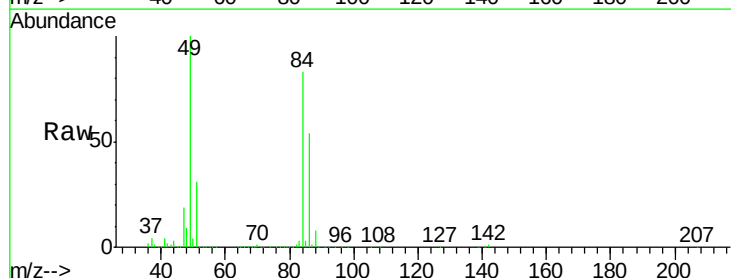
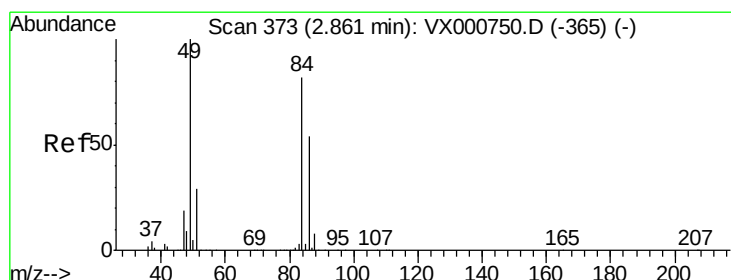
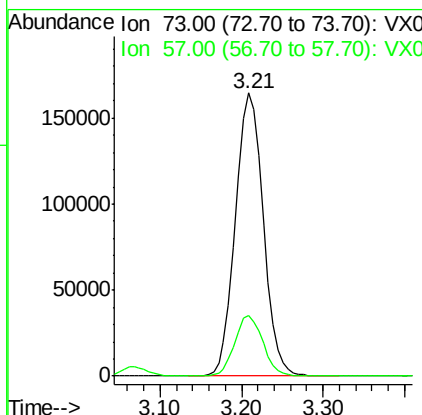
#19
Methyl tert-butyl Ether
Concen: 49.33 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tot Ion	73	Resp	390450
Ion Ratio	100	Lower	Upper
73	100		
57	21.5	16.9	25.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

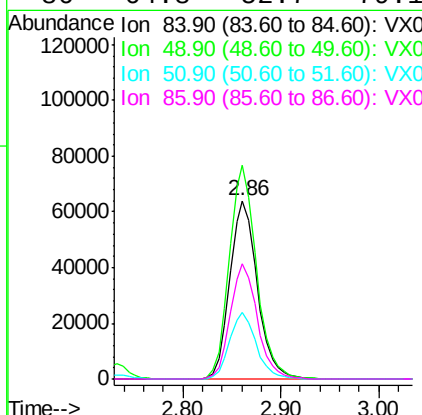
Manual Integrations
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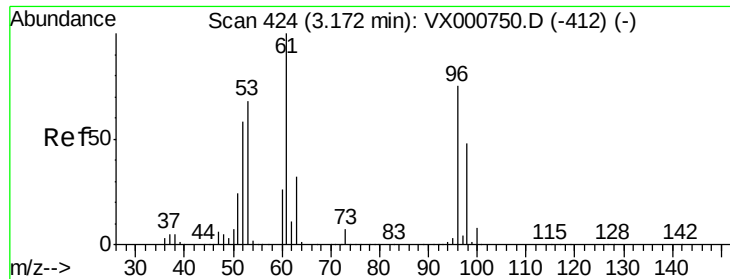
MMDadoda
4/16/2018 12:59:54 PM



#20
Methylene Chloride
Concen: 47.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	84	Resp	124786
Ion Ratio	100	Lower	Upper
84	100		
49	119.8	98.1	147.1
51	37.5	28.9	43.3
86	64.8	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 47.79 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

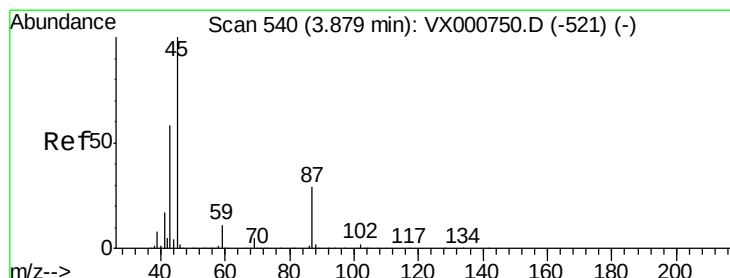
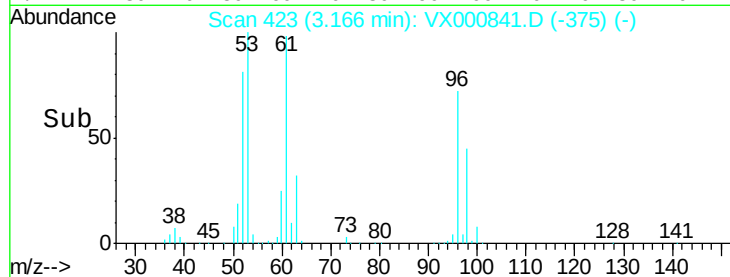
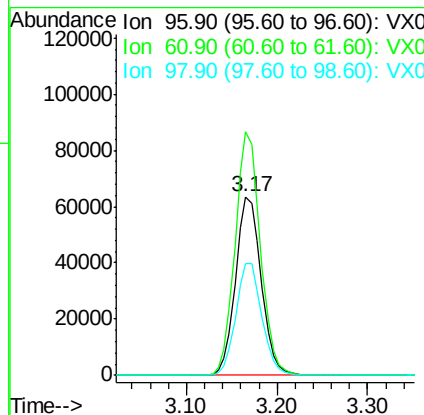
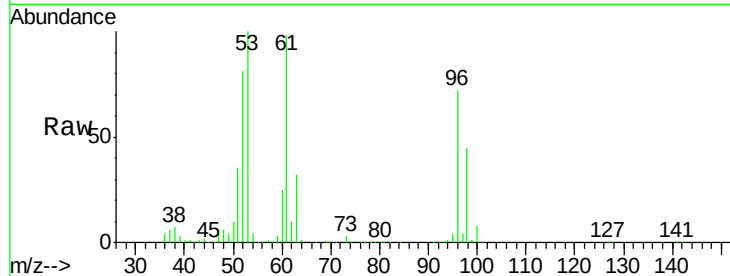
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	125245
Ion	Ratio	Lower	Upper
96	100		
61	136.2	106.2	159.2
98	62.9	51.2	76.8

Manual Integrations
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4/16/2018 12:59:54 PM



#22

Diisopropyl ether

Concen: 48.47 ug/l

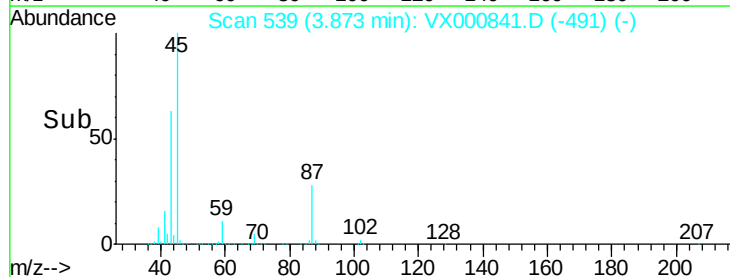
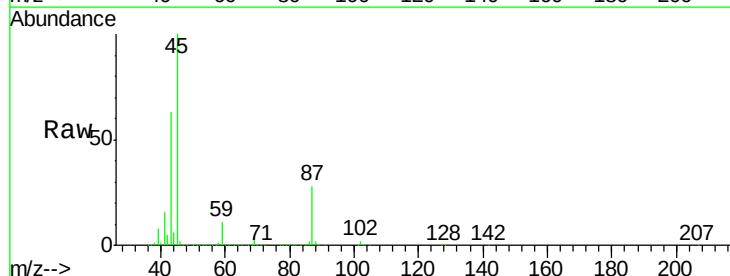
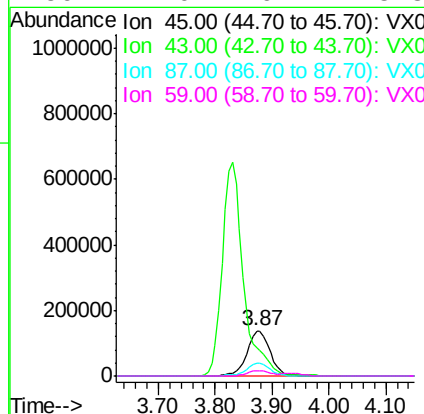
RT: 3.87 min Scan# 539

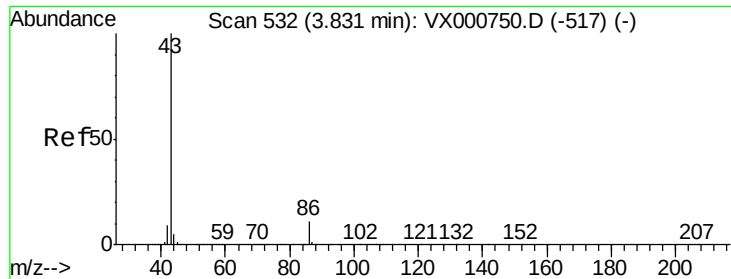
Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion:	45	Resp:	391401
Ion	Ratio	Lower	Upper
45	100		
43	62.7	46.6	69.8
87	27.7	22.9	34.3
59	11.0	9.2	13.8





#23

Vinyl Acetate

Concen: 239.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tot Ion: 43 Resp: 1698330

Ion Ratio Lower Upper

43 100

86 10.5 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

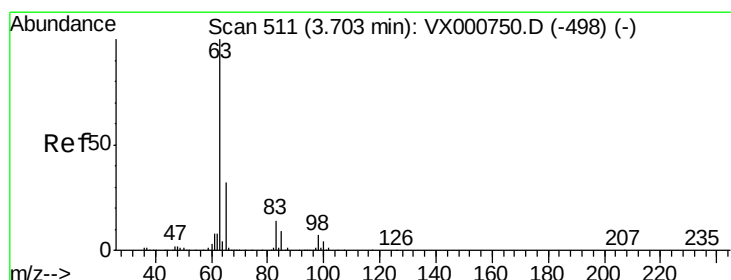
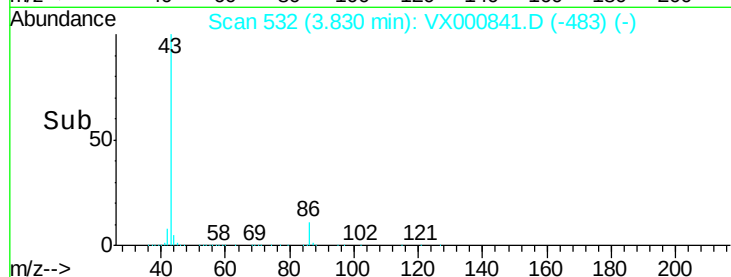
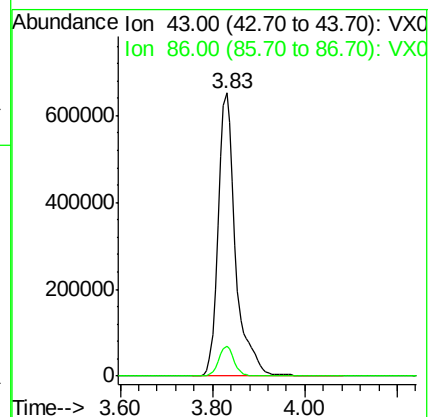
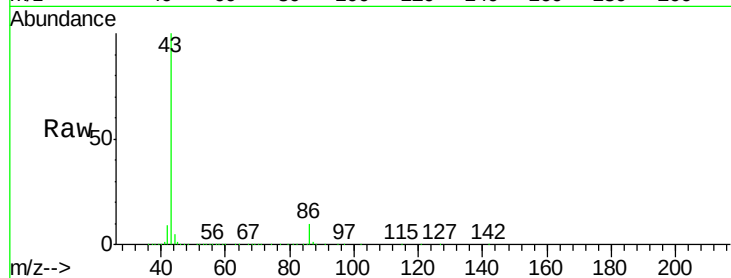
VSTDCCC050

Manual Integrations

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4/16/2018 12:59:54 PM



#24

1,1-Dichloroethane

Concen: 49.04 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

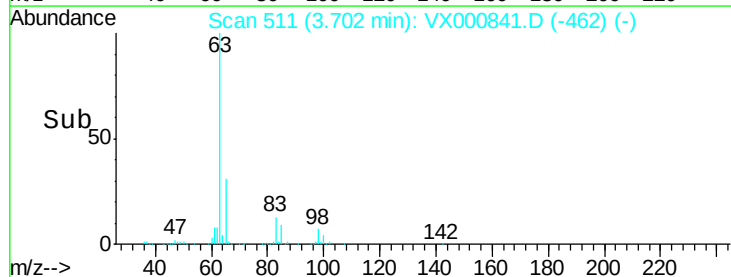
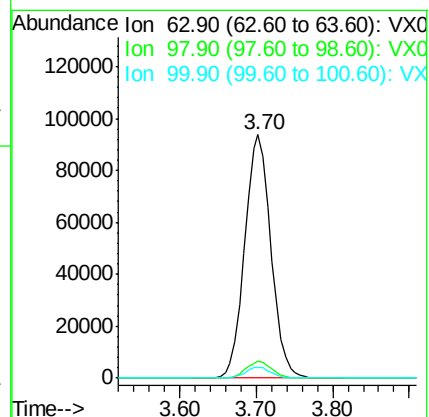
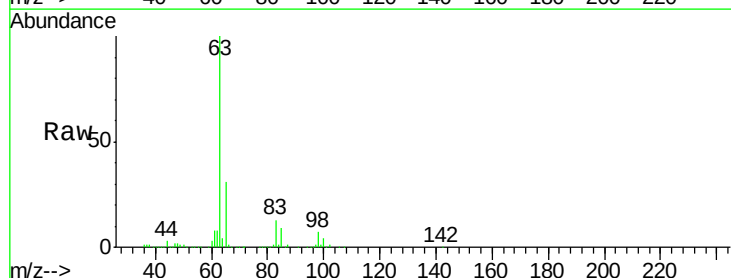
Tgt Ion: 63 Resp: 222235

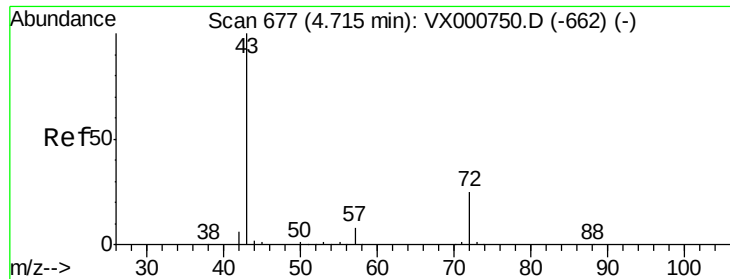
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 238.22 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 442903

Ion Ratio Lower Upper

43 100

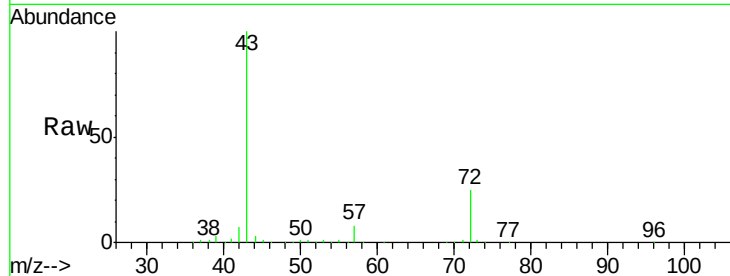
72 25.0 20.3 30.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

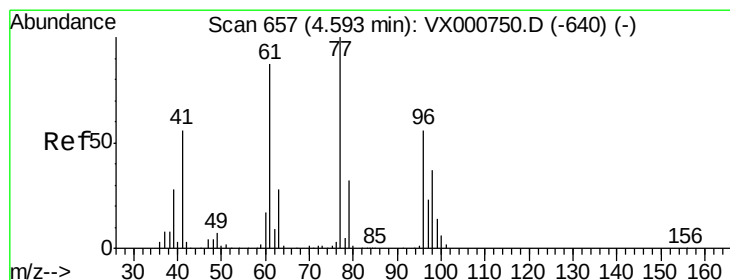
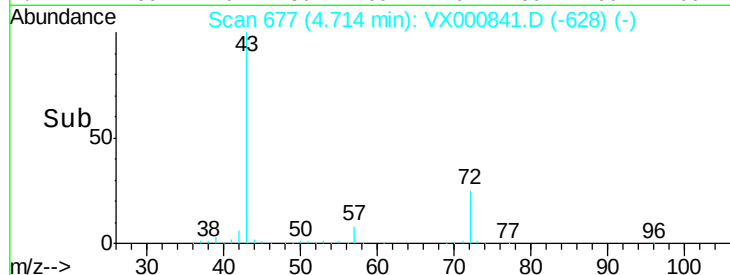
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.37 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000841.D

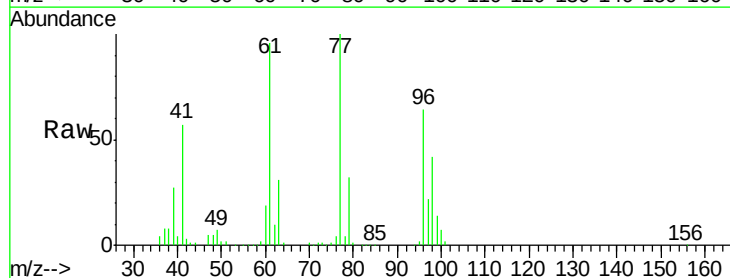
Acq: 13 Apr 2018 10:50

Tgt Ion: 77 Resp: 213063

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

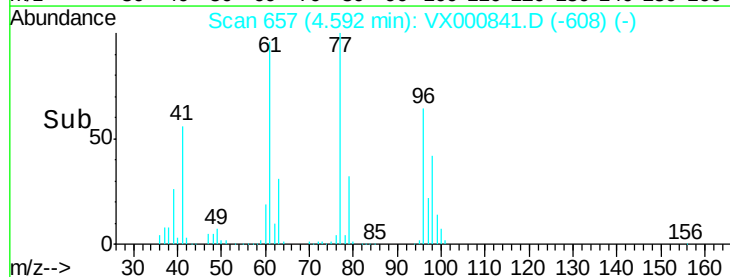
40000

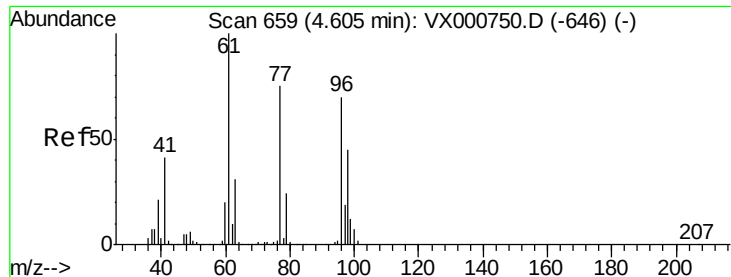
20000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.39 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

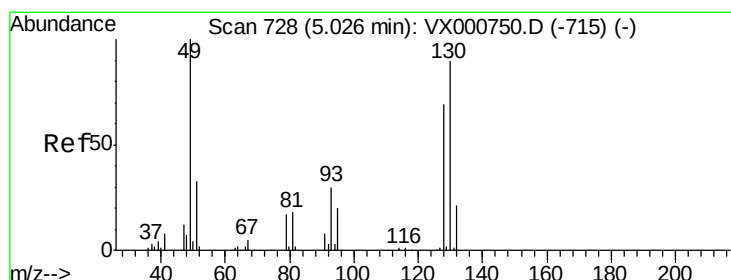
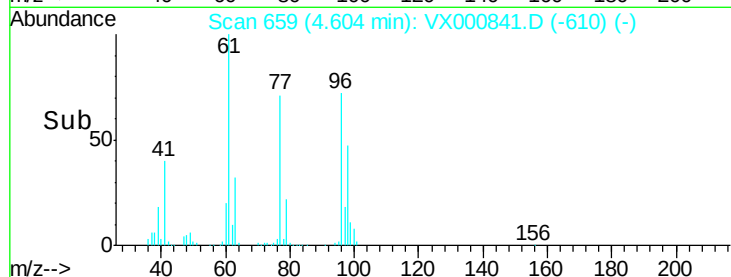
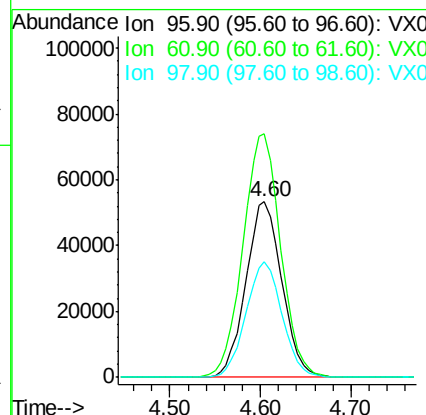
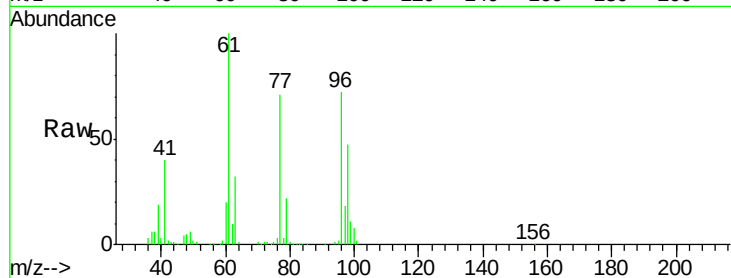
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	146892
Ion Ratio	Lower	Upper	
96	100		
61	145.0	0.0	292.4
98	65.7	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 49.84 ug/l

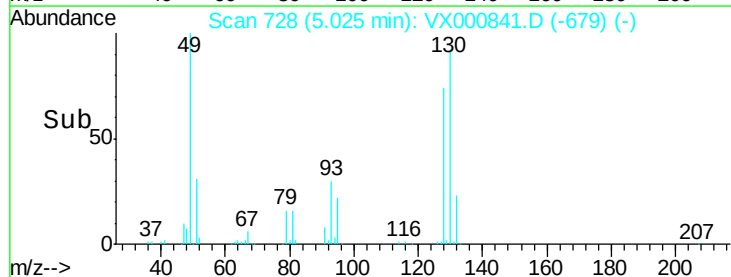
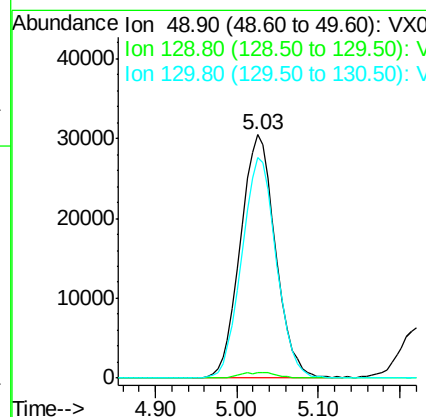
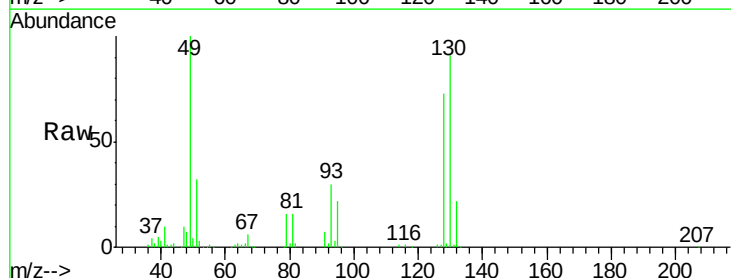
RT: 5.03 min Scan# 728

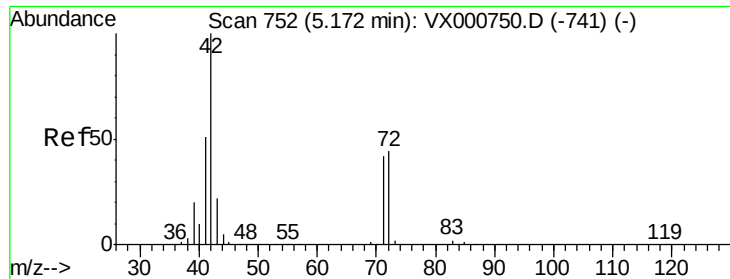
Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion:	49	Resp:	90950
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	5.2
130	89.2	72.6	109.0





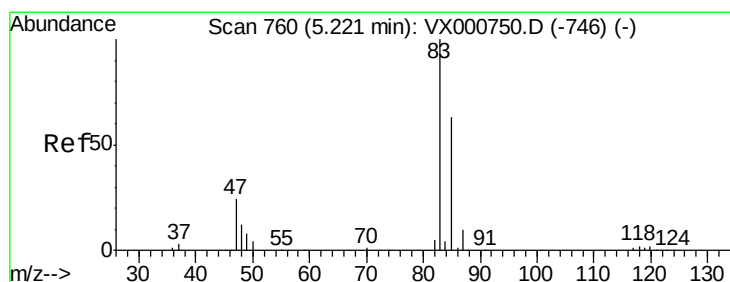
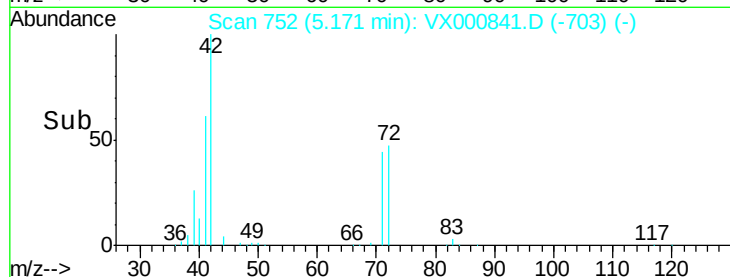
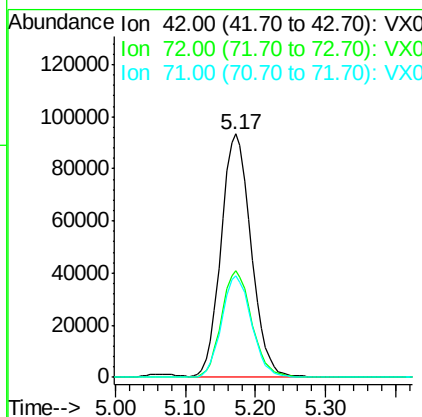
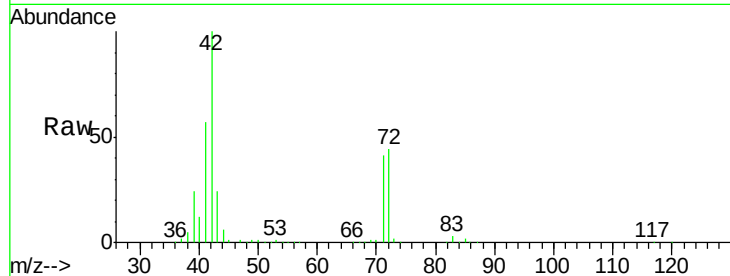
#29
Tetrahydrofuran
Concen: 235.55 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.1	52.7
71	41.7	32.8	49.2

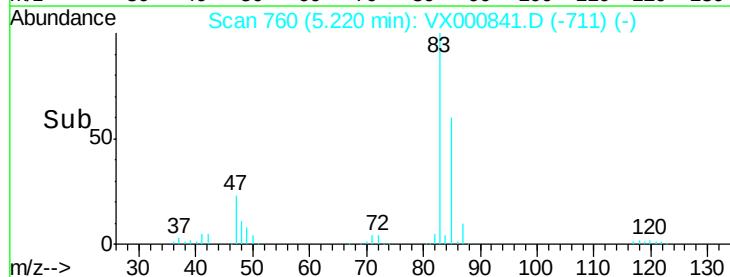
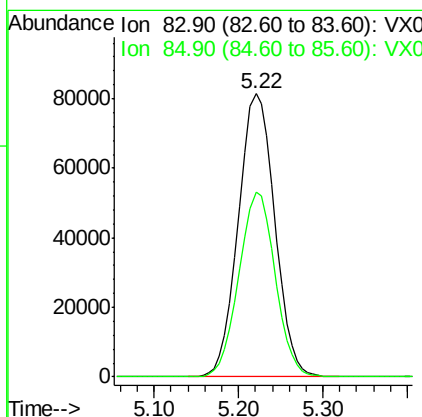
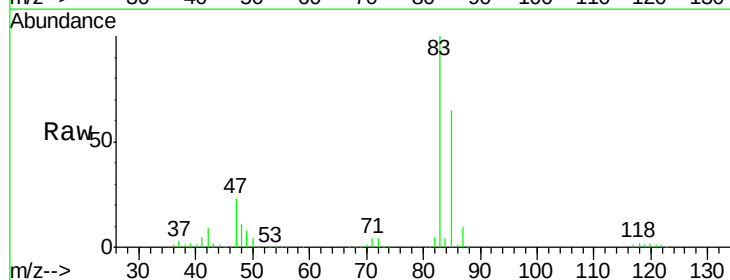
Manual Integrations
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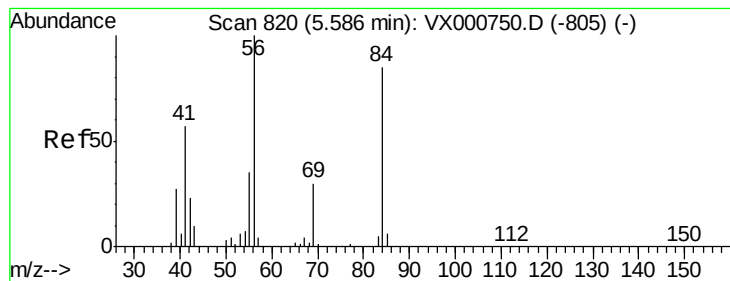
MMDadoda
4/16/2018 12:59:54 PM



#30
Chloroform
Concen: 49.83 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.7	76.1





#31

Cyclohexane

Concen: 48.24 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

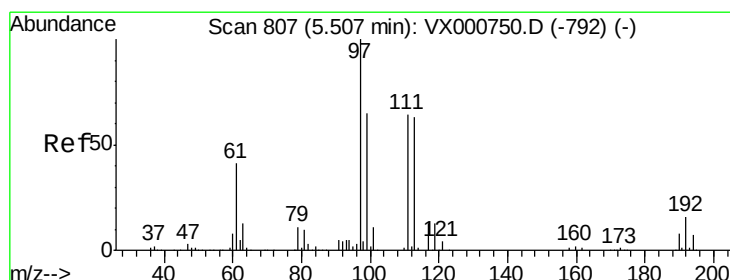
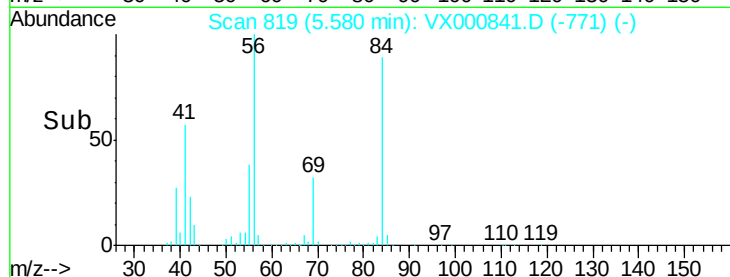
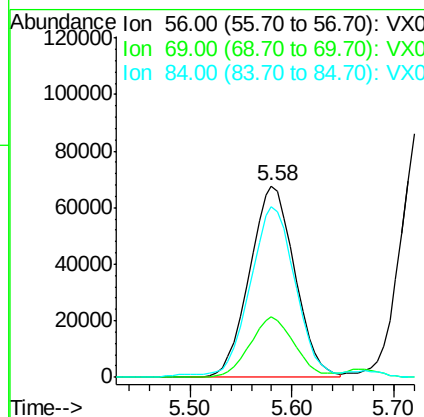
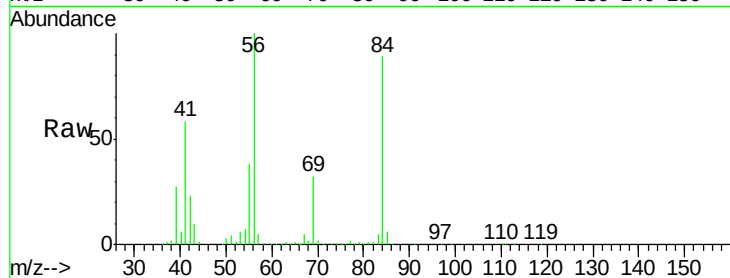
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	207586
Ion Ratio	Lower	Upper	
56	100		
69	31.5	24.2	36.4
84	87.5	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.35 ug/l

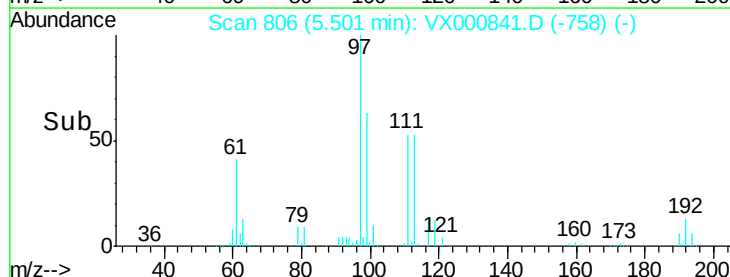
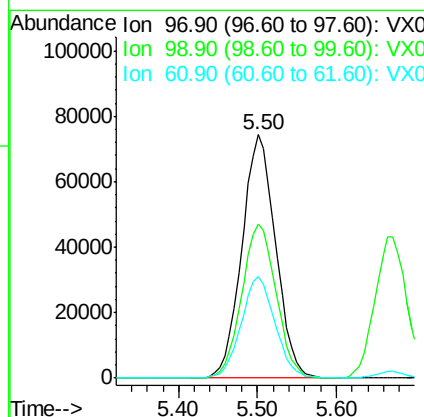
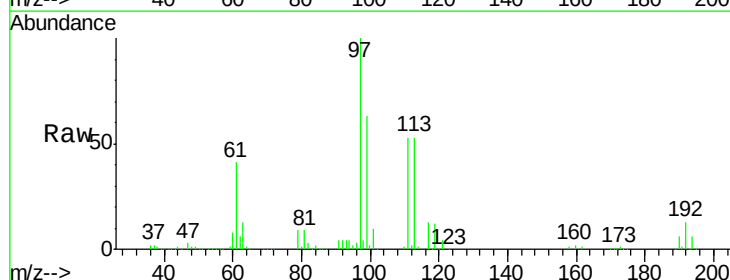
RT: 5.50 min Scan# 806

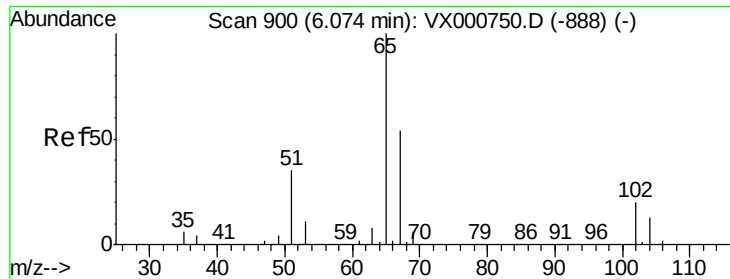
Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion	97	Resp	221004
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.4	77.0
61	41.8	33.7	50.5





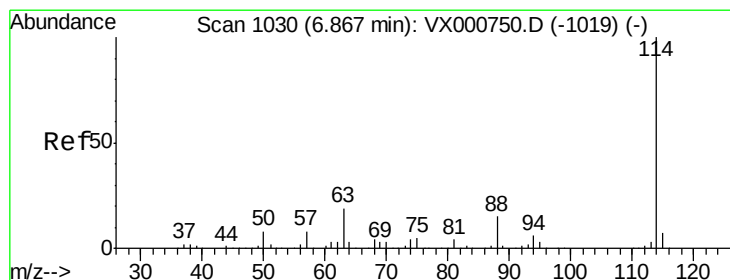
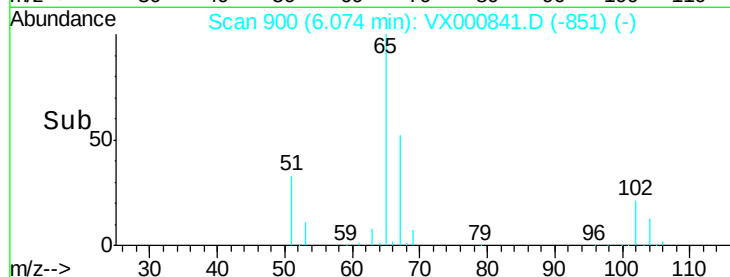
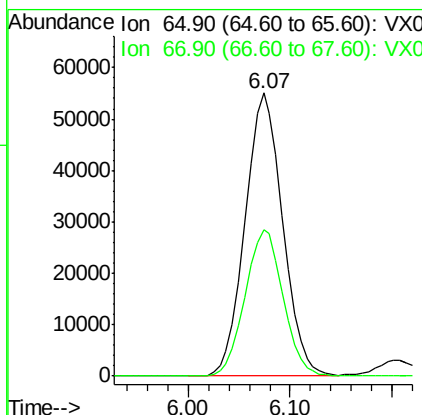
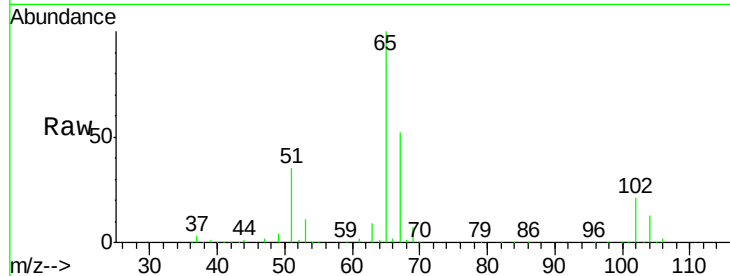
#33
 1,2-Dichloroethane-d4
 Concen: 43.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 141170
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8

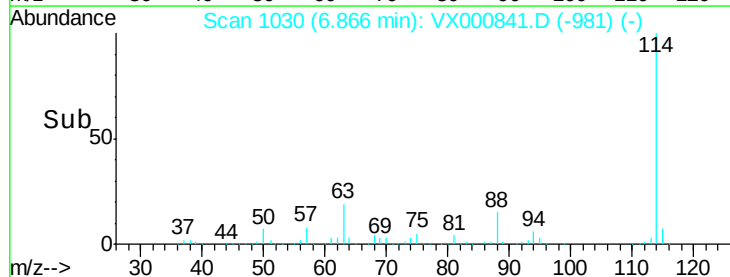
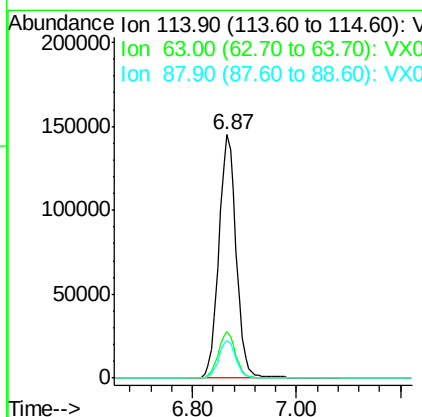
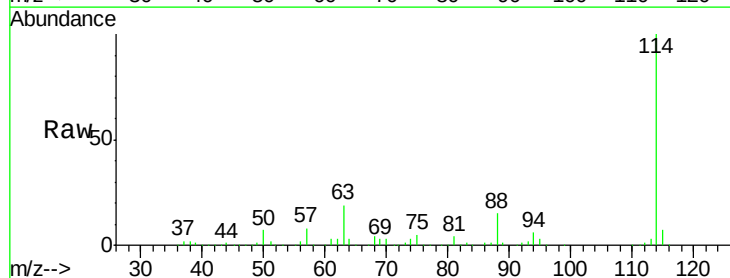
Manual Integrations
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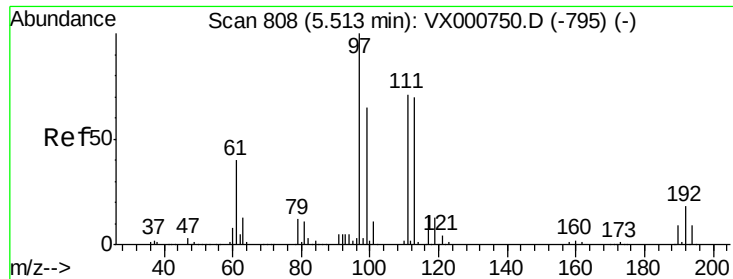
MMDadoda
 4/16/2018 12:59:54 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion: 114 Resp: 341914
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.4
 88 15.3 0.0 31.0





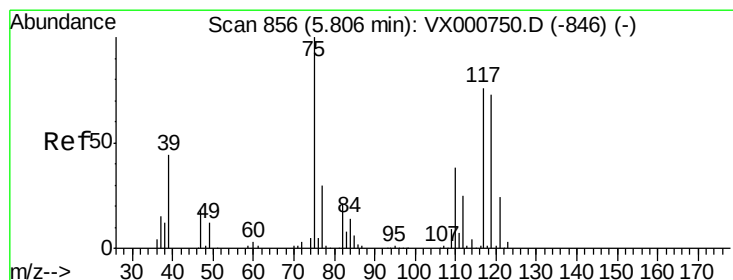
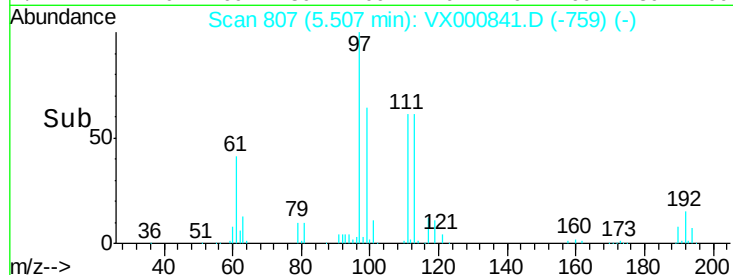
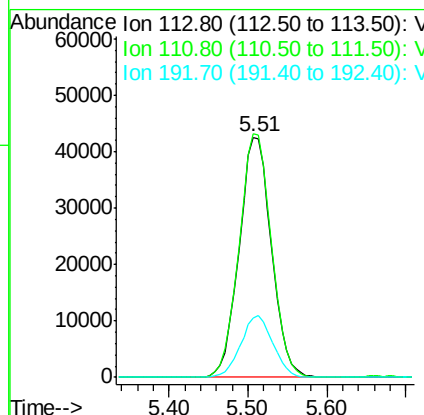
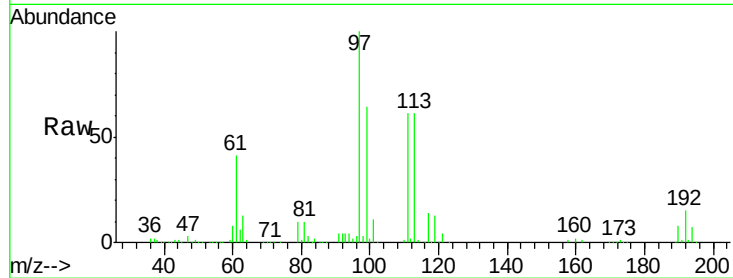
#35
Dibromofluoromethane
Concen: 46.01 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121212		
111	101.4	81.5	122.3	
192	25.6	20.4	30.6	

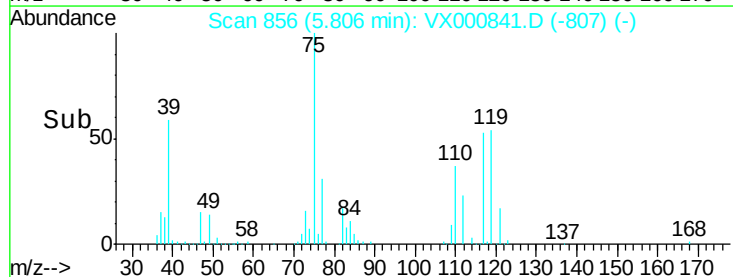
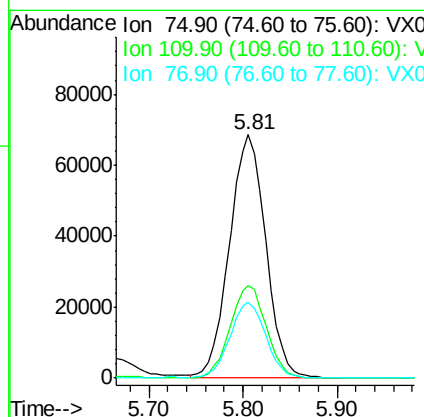
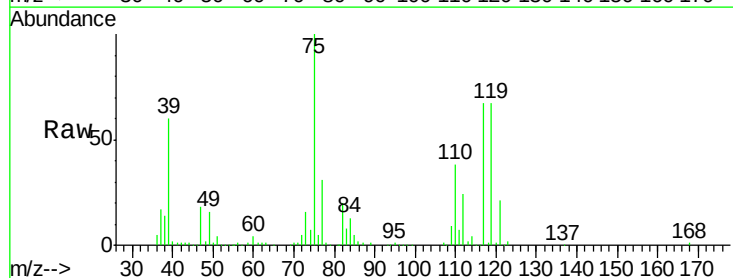
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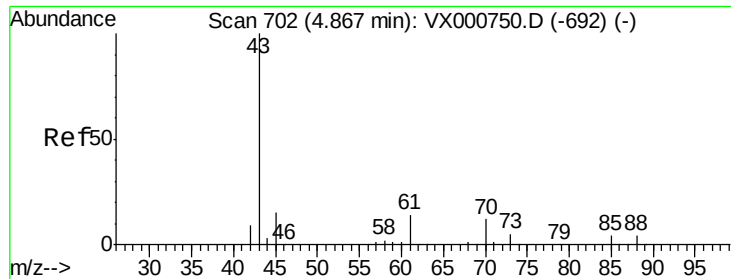
MMDadoda
4/16/2018 12:59:54 PM



#36
1,1-Dichloropropene
Concen: 48.49 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	182606		
110	38.3	19.2	57.6	
77	31.1	25.4	38.2	





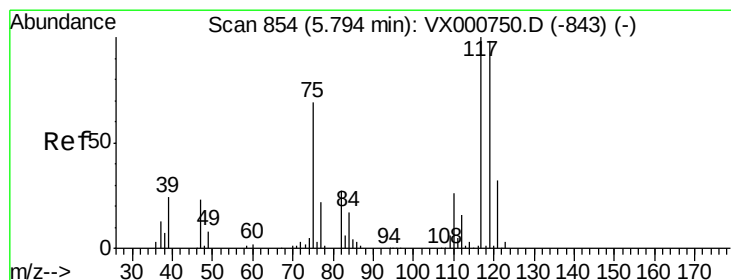
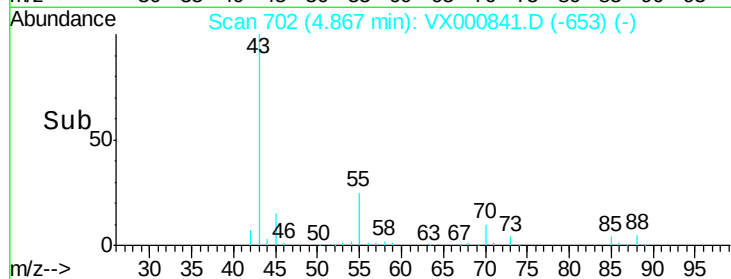
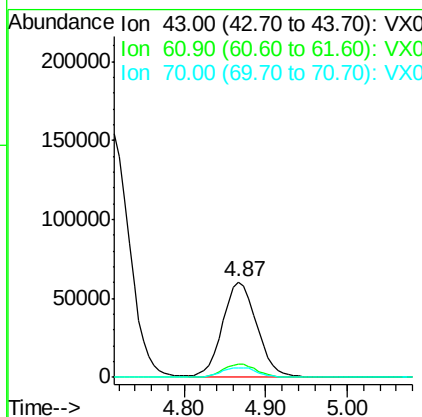
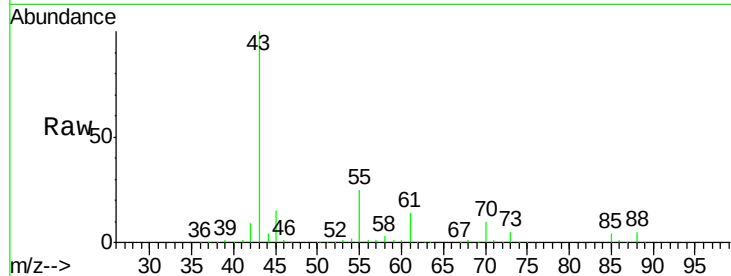
#37
Ethyl Acetate
Concen: 47.69 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	10.9	8.7	13.1

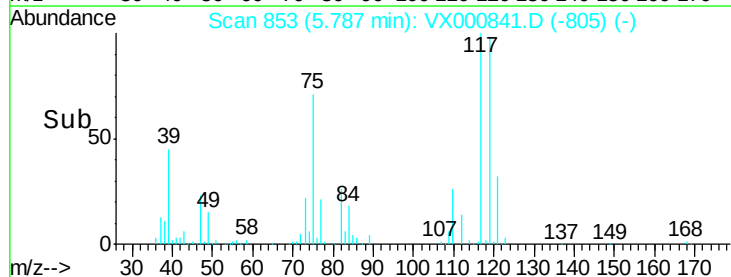
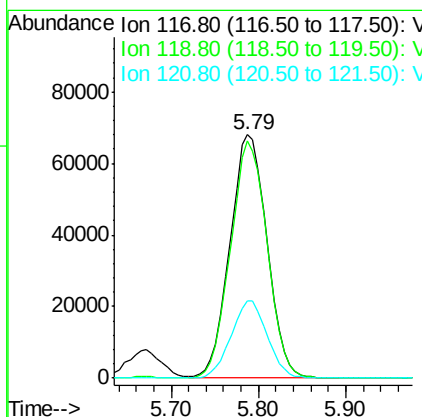
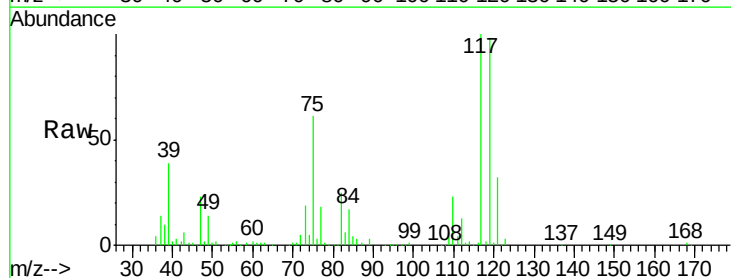
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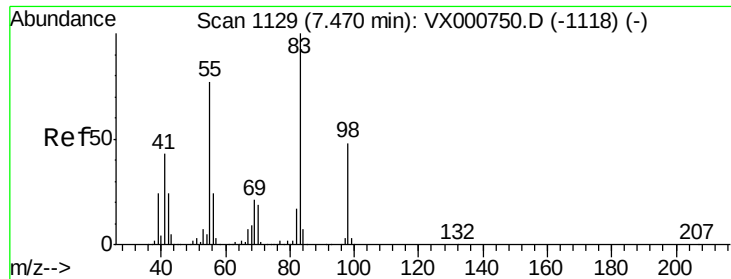
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#38
Carbon Tetrachloride
Concen: 47.38 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.4	117.6
121	31.6	25.4	38.0





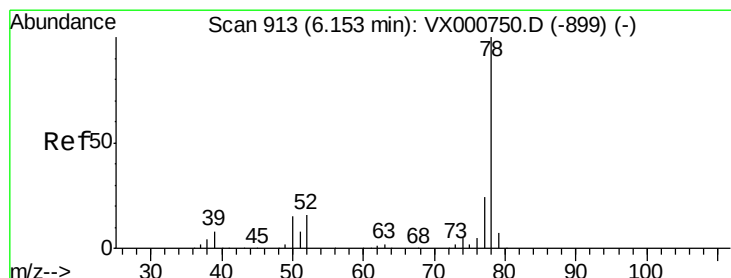
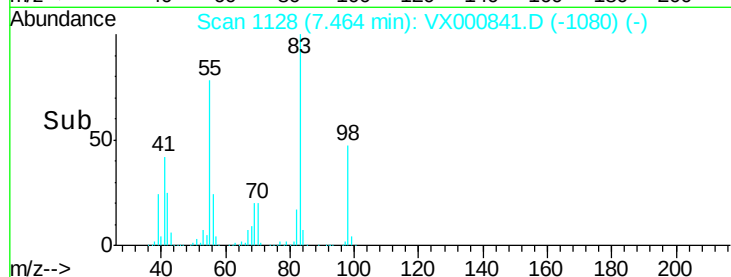
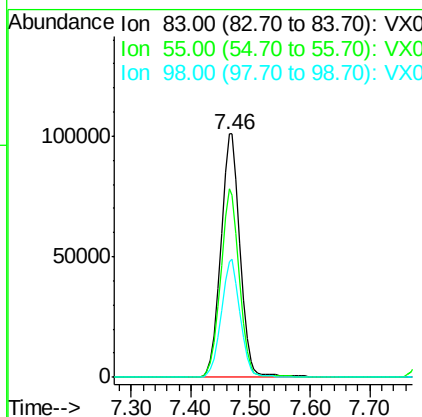
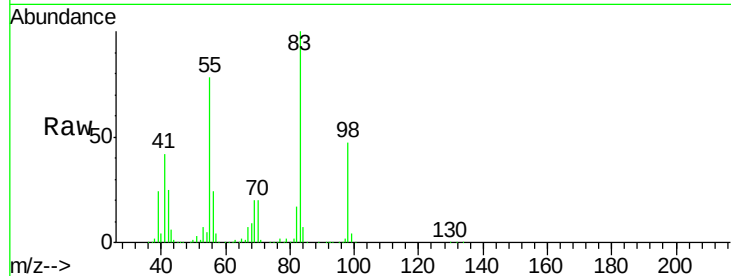
#39
Methylvlcyclohexane
Concen: 50.33 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	227583		
55	77.5		61.5	92.3
98	47.3		38.1	57.1

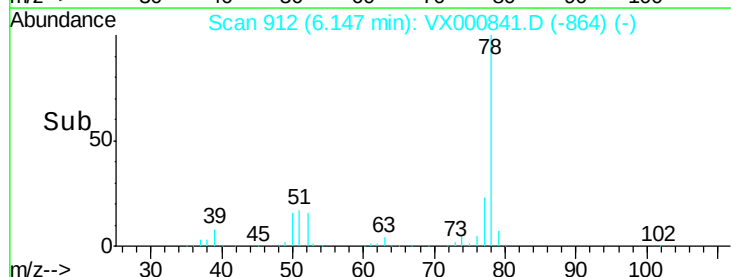
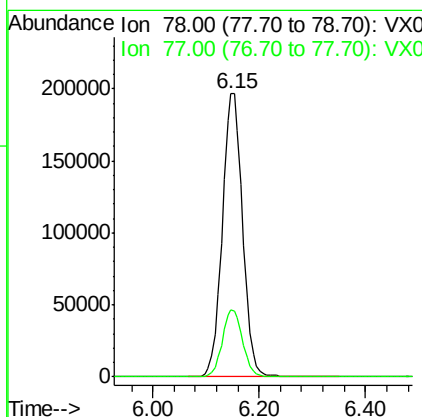
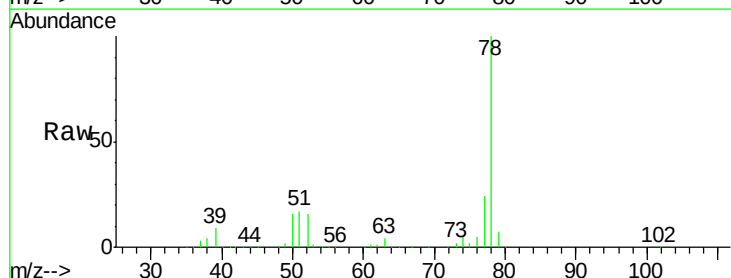
Manual Integrations
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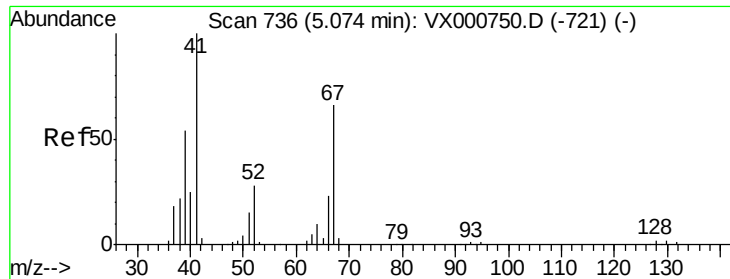
MMDadoda
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#40
Benzene
Concen: 50.12 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	524368		
77	23.9		19.0	28.6





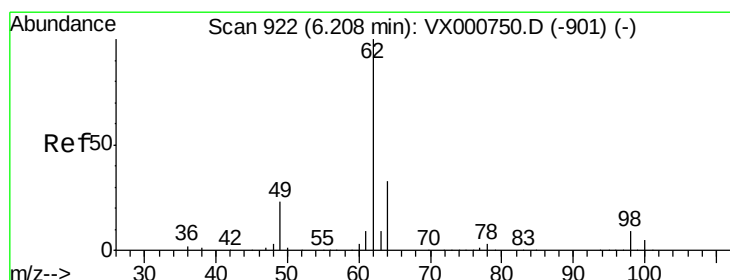
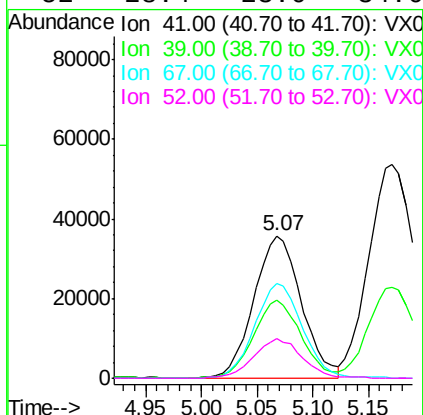
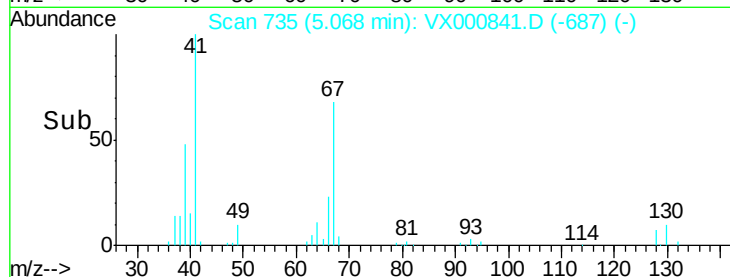
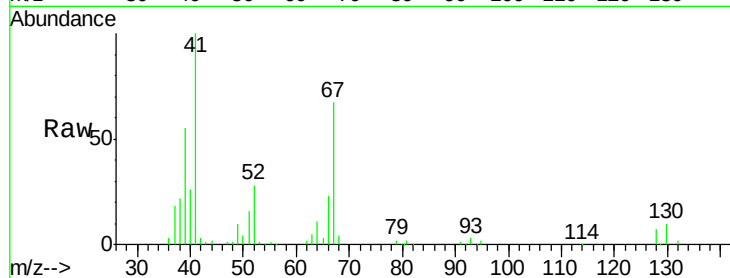
#41
Methacrylonitrile
Concen: 49.66 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	44.9	67.3	
67	67.2	54.7	82.1	
52	28.4	23.0	34.6	

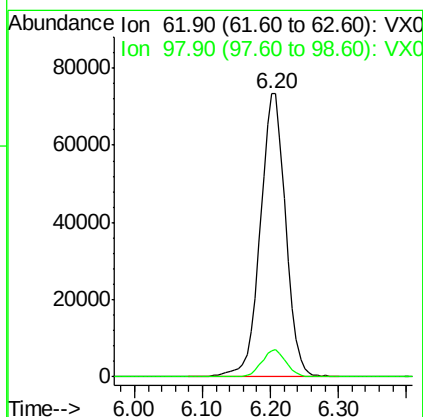
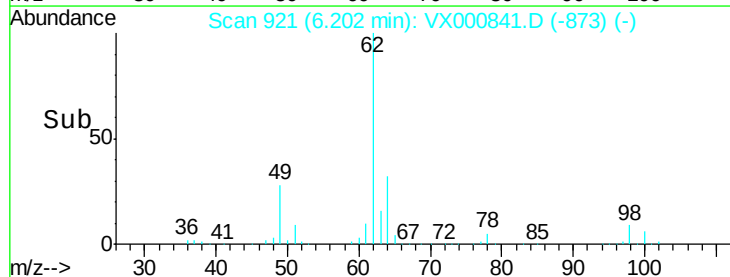
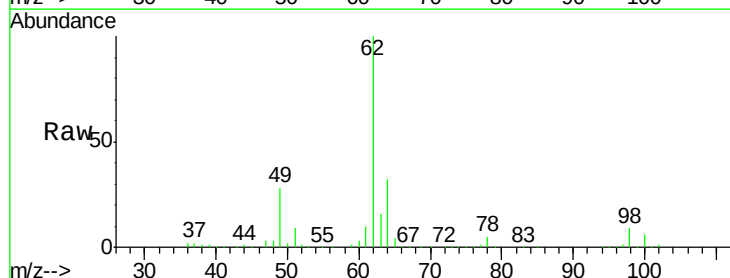
Manual Integrations
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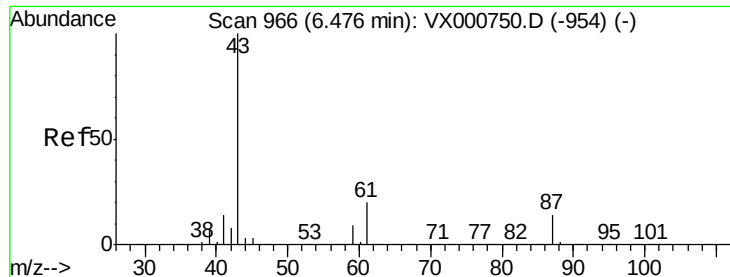
MMDadoda
4/16/2018 12:59:54 PM



#42
1,2-Dichloroethane
Concen: 49.09 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.6	





#43

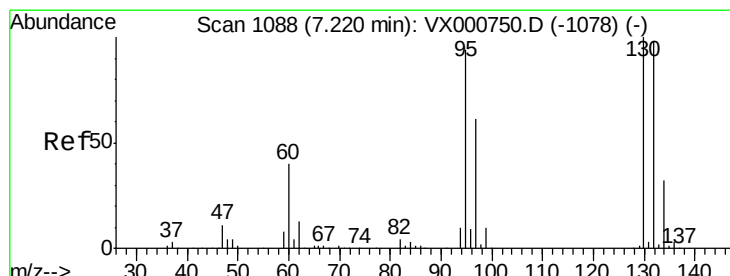
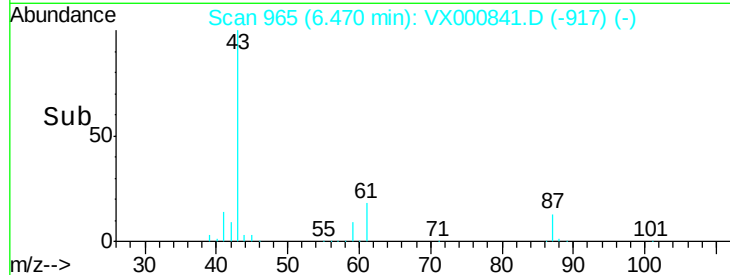
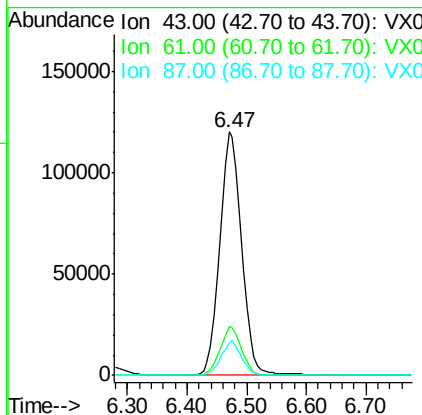
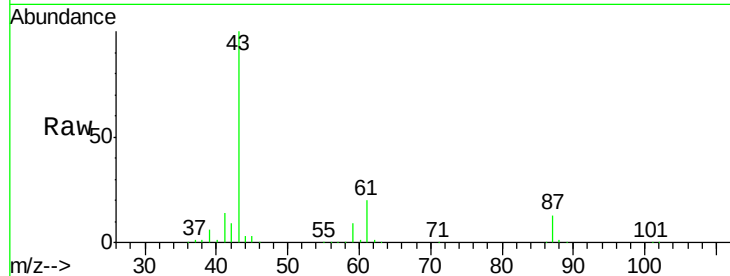
Isopropyl Acetate
 Concen: 48.43 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	61	87
Resp	305248		
Ratio	100	19.7	13.4
Lower		15.6	10.7
Upper		23.4	16.1

Manual Integrations
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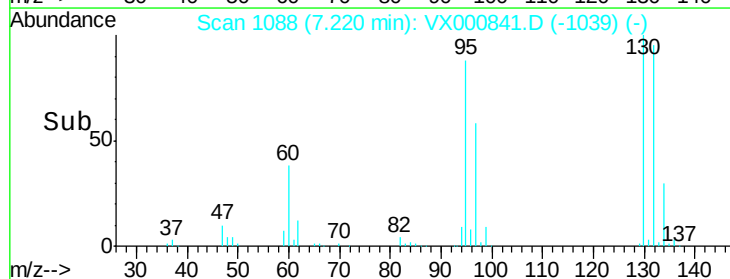
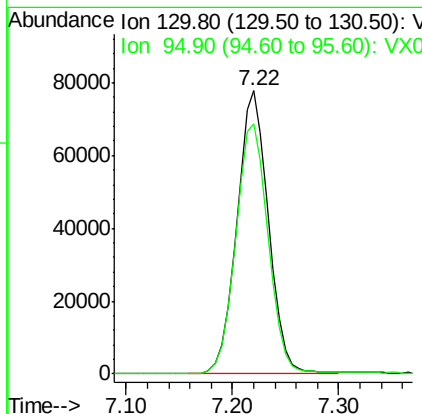
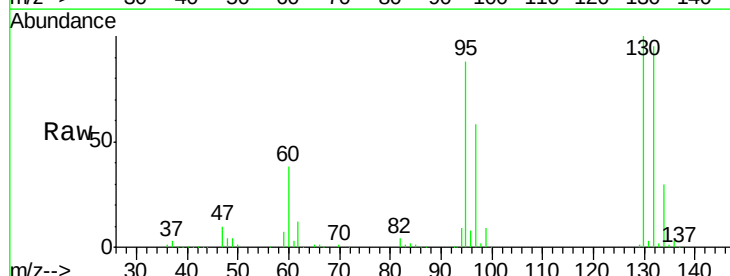
MMDadoda
 4/16/2018 12:59:54 PM

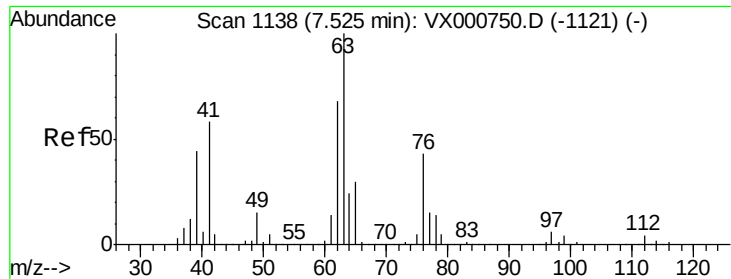


#44

Trichloroethene
 Concen: 49.70 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion	130	95
Resp	161709	
Ratio	100	88.4
Lower		0.0
Upper		187.0





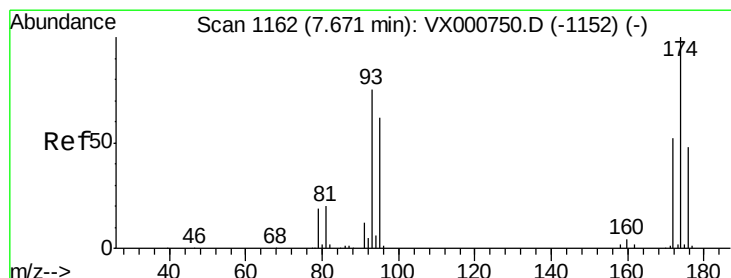
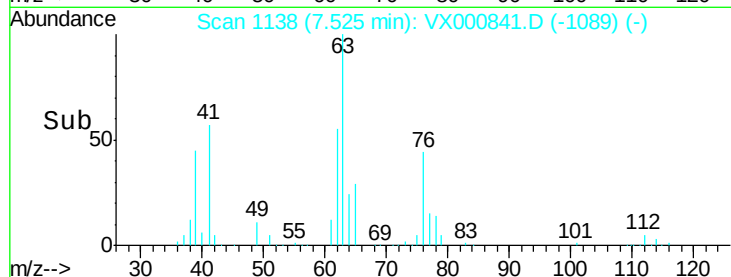
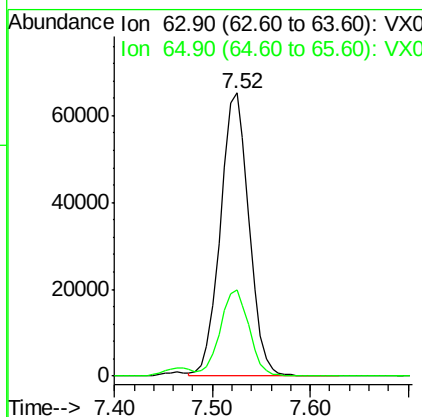
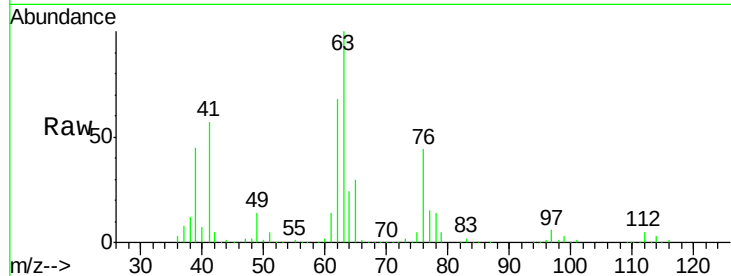
#45
 1,2-Dichloropropane
 Concen: 49.51 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 131920
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.7 35.5

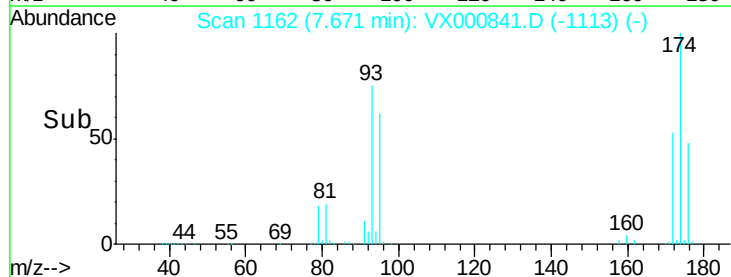
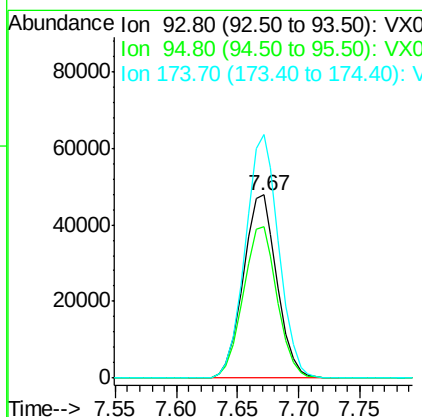
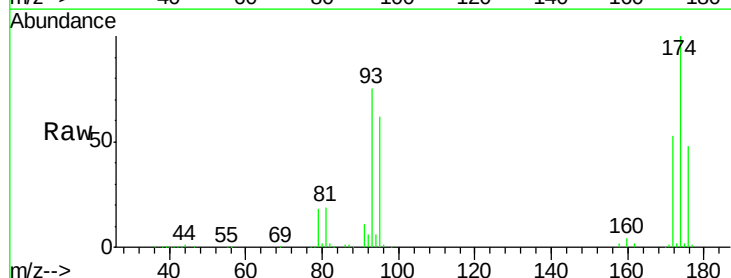
Manual Integrations
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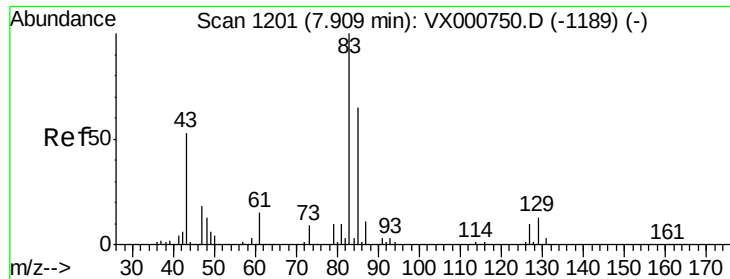
MMDadoda
 4/16/2018 12:59:54 PM



#46
 Dibromomethane
 Concen: 49.36 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion: 93 Resp: 91681
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.6 100.0
 174 131.5 104.5 156.7





#47

Bromodichloromethane

Concen: 49.02 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

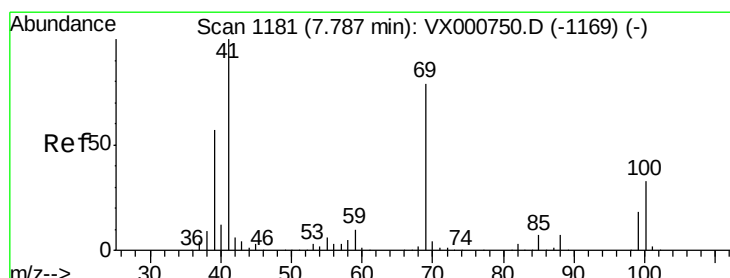
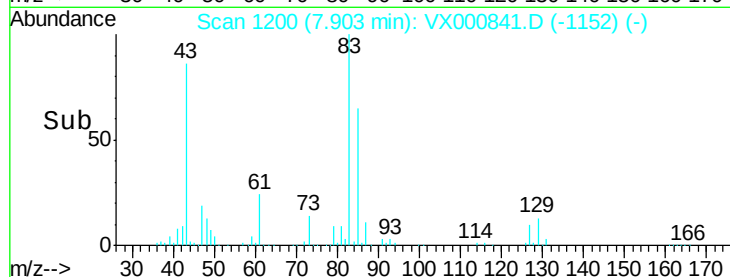
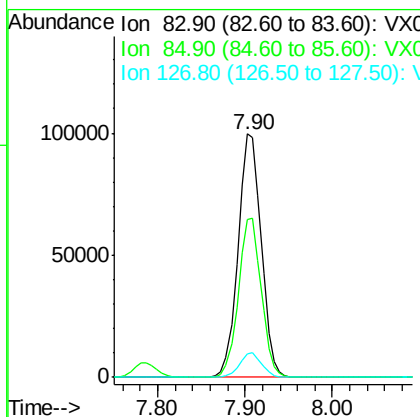
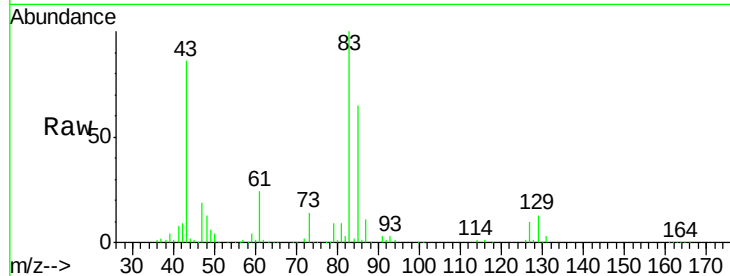
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	183789
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.2	78.4
127	9.6	7.8	11.8

Manual Integrations
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MMDadoda
4/16/2018 12:59:54 PM



#48

Methyl methacrylate

Concen: 49.25 ug/l

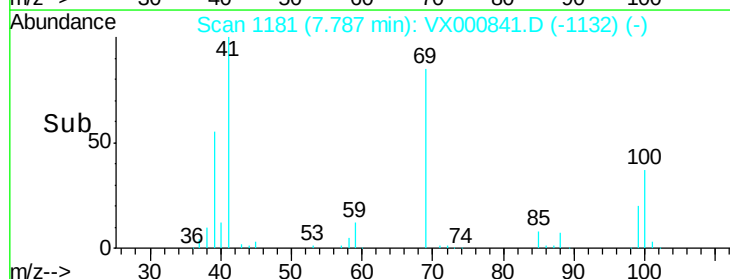
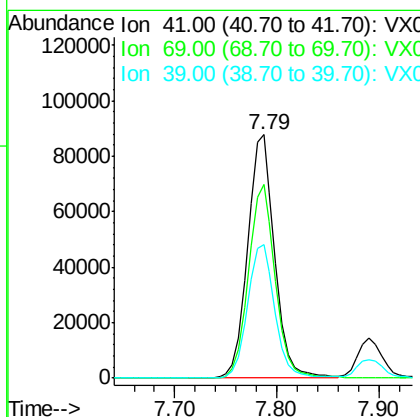
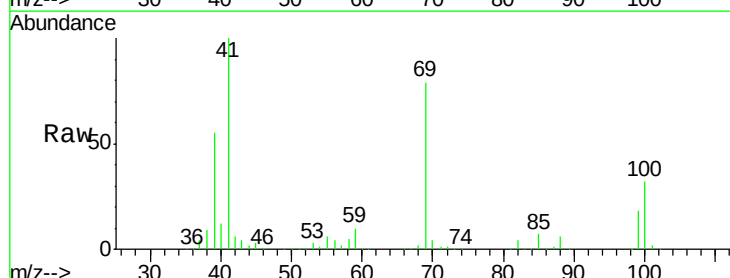
RT: 7.79 min Scan# 1181

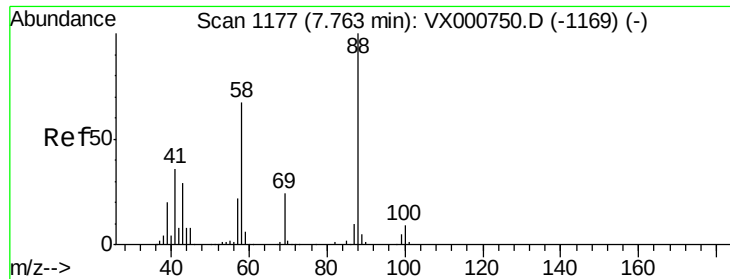
Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion:	41	Resp:	160889
Ion	Ratio	Lower	Upper
41	100		
69	80.0	63.9	95.9
39	55.4	45.9	68.9





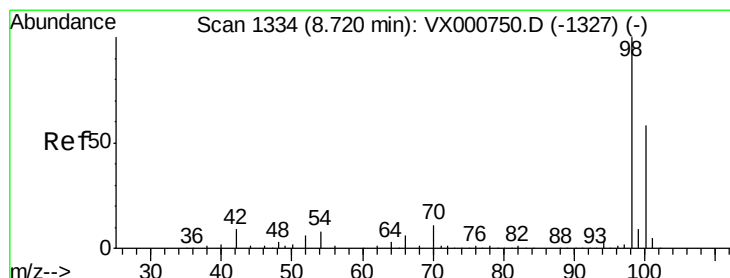
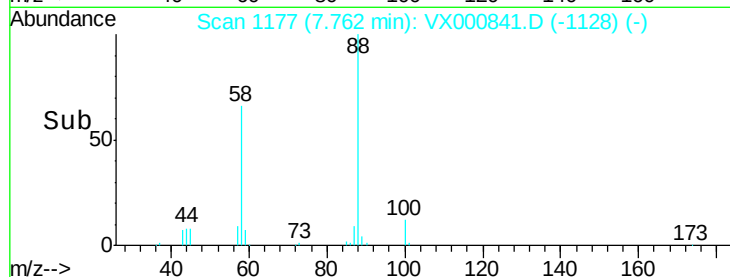
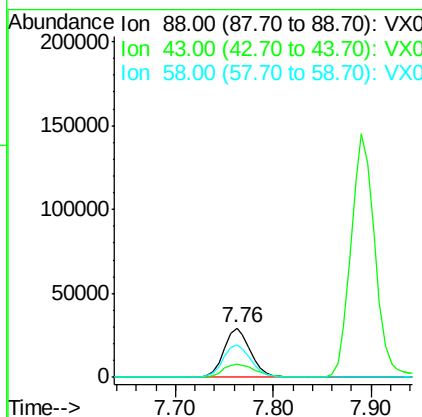
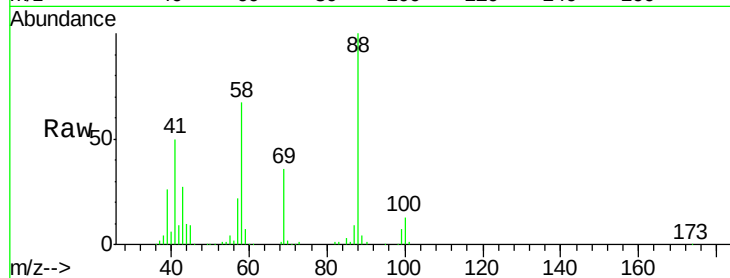
#49
1,4-Dioxane
Concen: 831.25 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.8	38.8
58	69.7	54.4	81.6

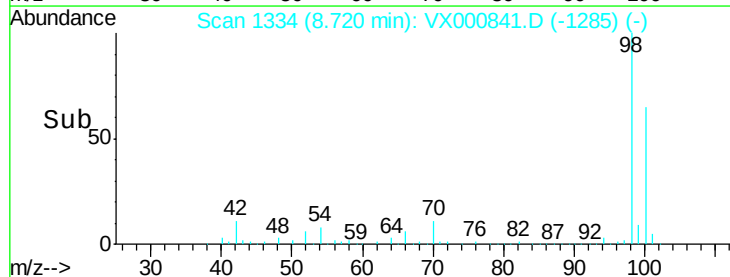
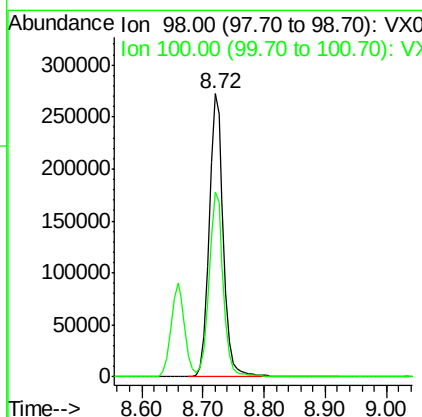
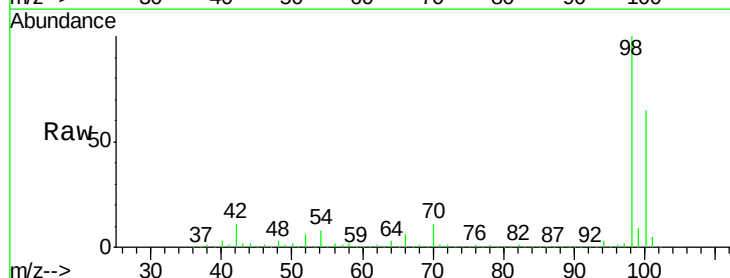
Manual Integrations
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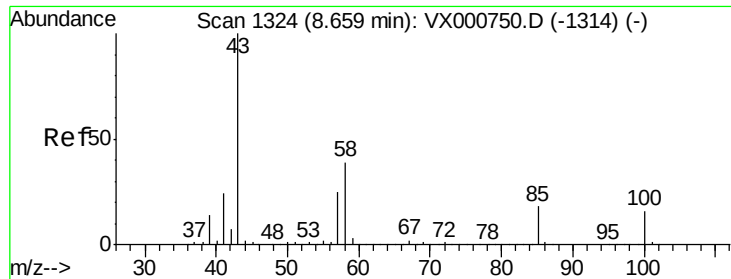
MMDadoda
4/16/2018 12:59:54 PM



#50
Toluene-d8
Concen: 45.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 245.43 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 908598

Ion Ratio Lower Upper

43 100

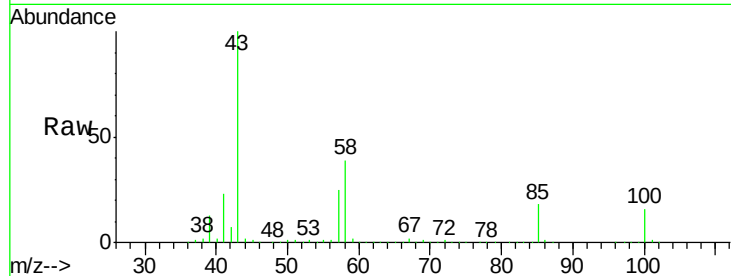
58 39.0 30.3 45.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

100000

0

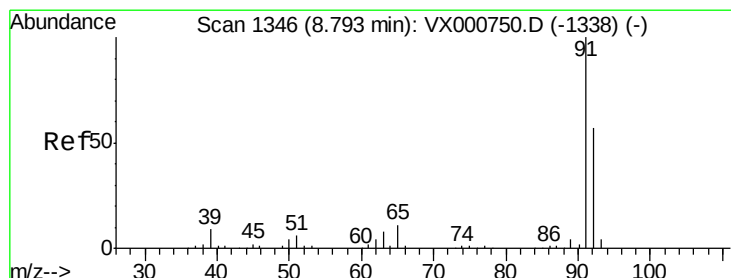
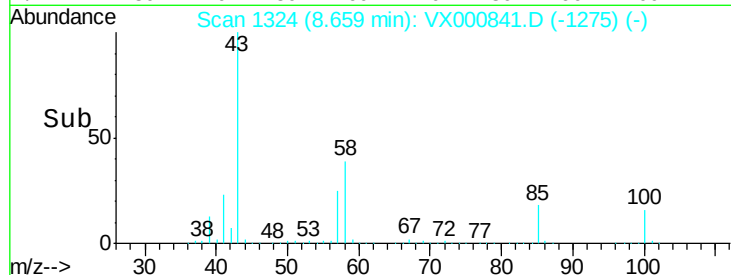
8.60

8.66

8.70

8.80

Time-->



#52

Toluene

Concen: 50.00 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000841.D

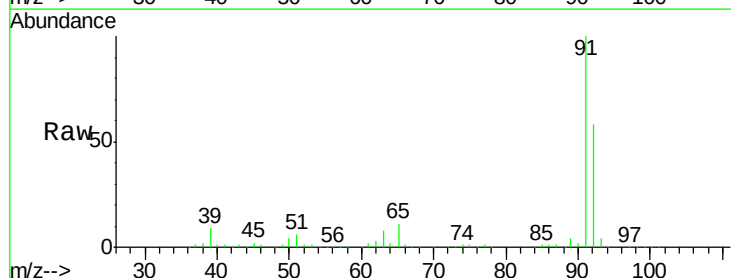
Acq: 13 Apr 2018 10:50

Tgt Ion: 92 Resp: 347090

Ion Ratio Lower Upper

92 100

91 171.4 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

100000

0

8.70

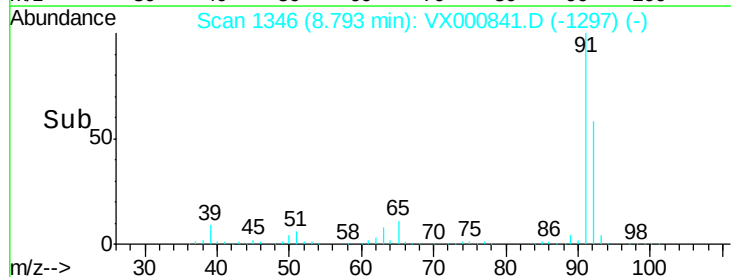
8.79

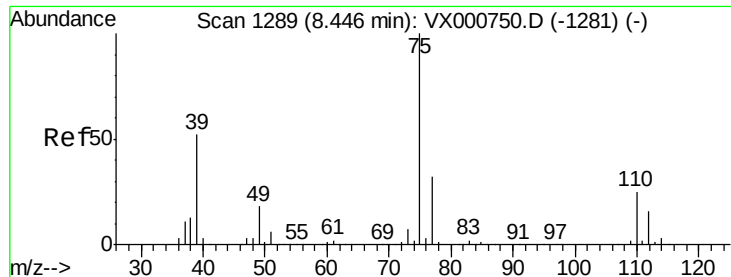
8.80

8.90

9.00

Time-->





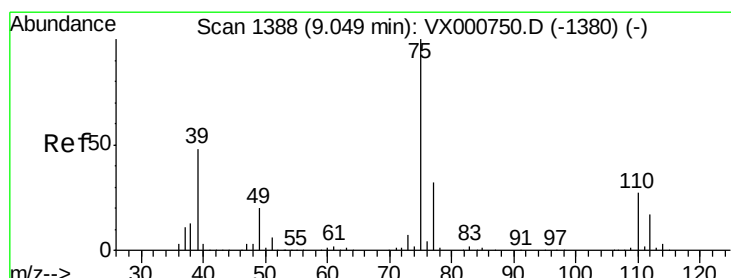
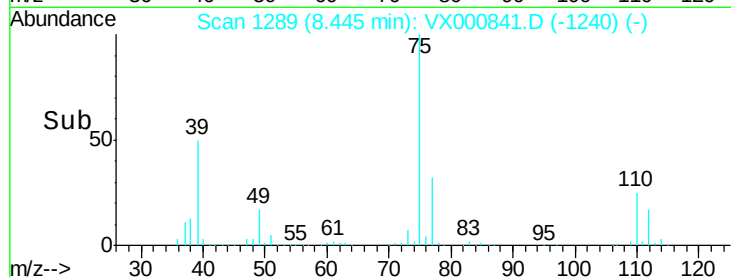
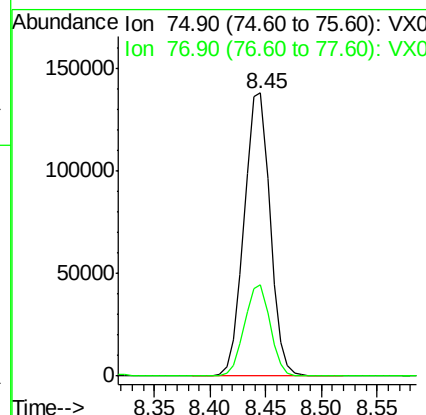
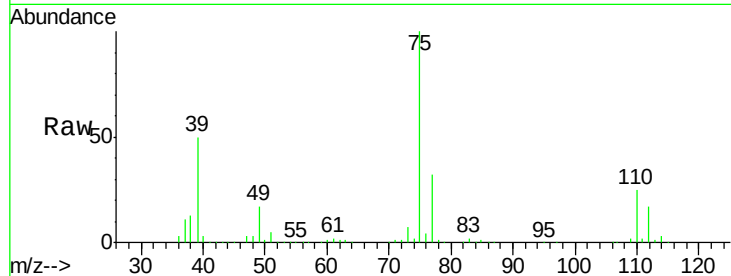
#53
t-1,3-Dichloropropene
Concen: 49.83 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 224100
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

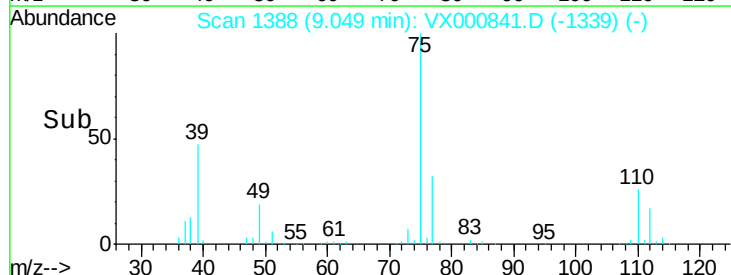
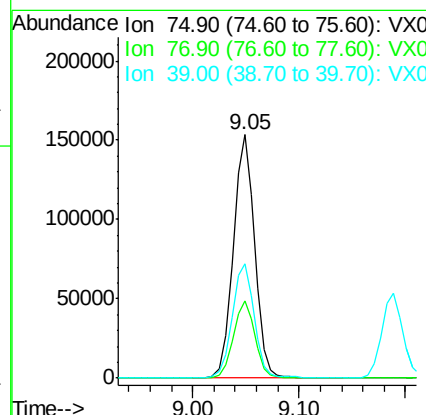
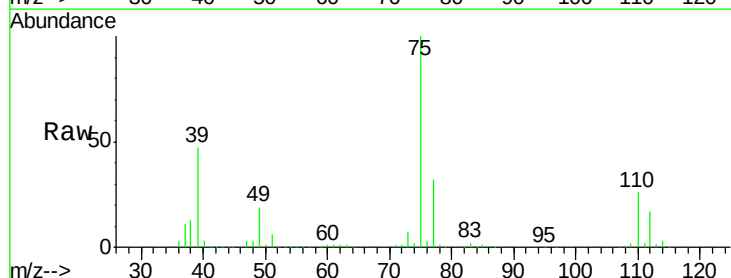
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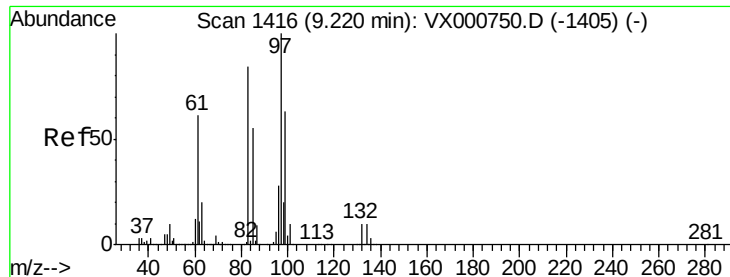
MMDadoda
4/16/2018 12:59:54 PM



#54
cis-1,3-Dichloropropene
Concen: 49.19 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion: 75 Resp: 215391
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 46.8 38.6 58.0





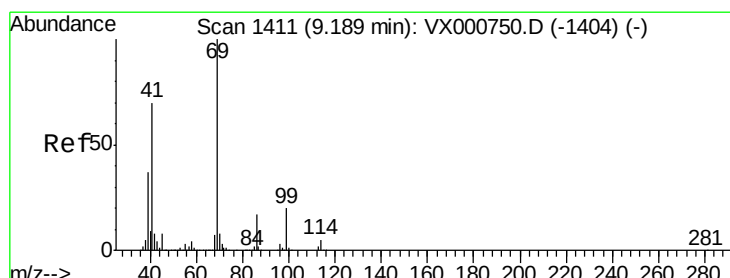
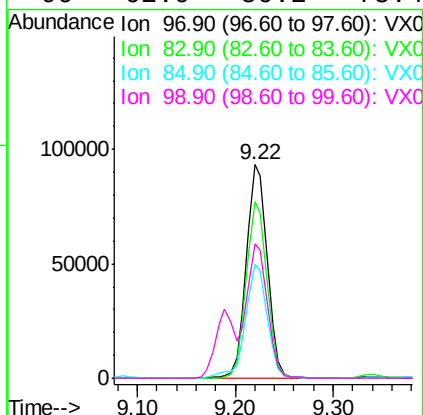
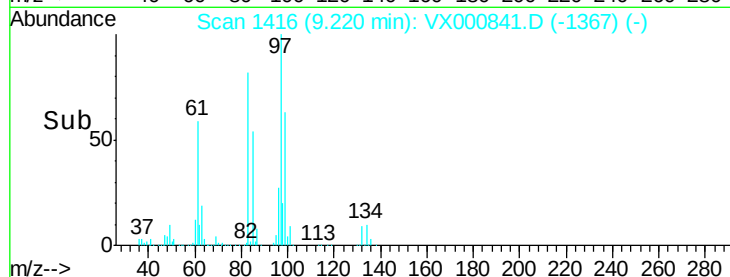
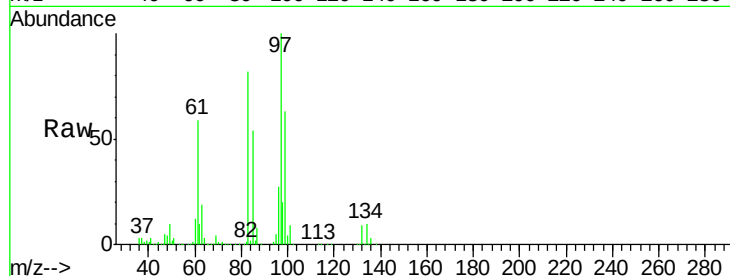
#55
 1,1,2-Trichloroethane
 Concen: 50.43 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	138963
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.6	101.4
85	53.6	43.8	65.6
99	62.9	50.2	75.4

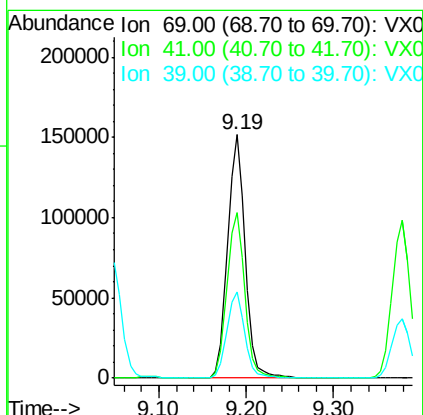
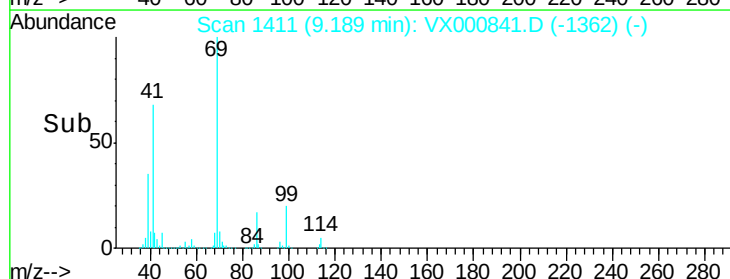
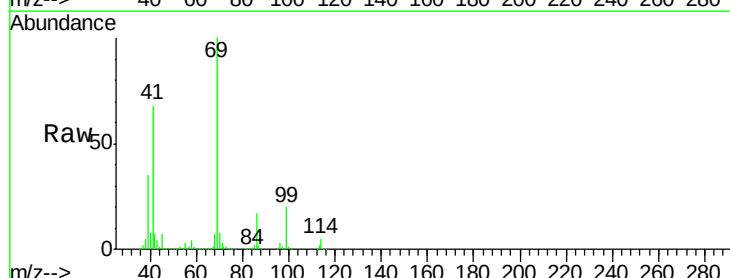
Manual Integrations
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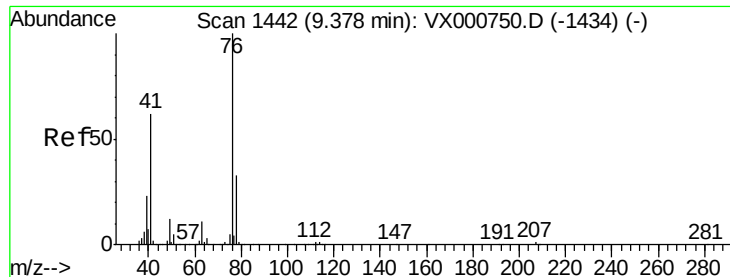
MMDadoda
 4/16/2018 12:59:54 PM



#56
 Ethyl methacrylate
 Concen: 49.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion:	69	Resp:	211455
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.6	83.4
39	35.8	30.3	45.5





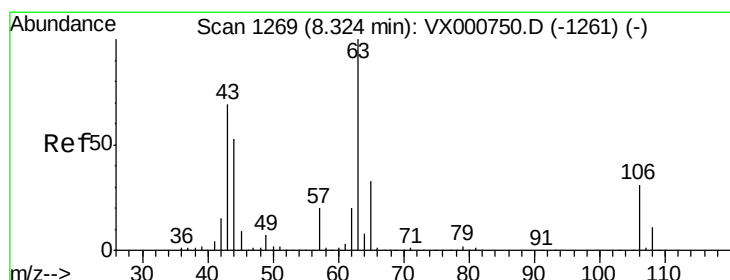
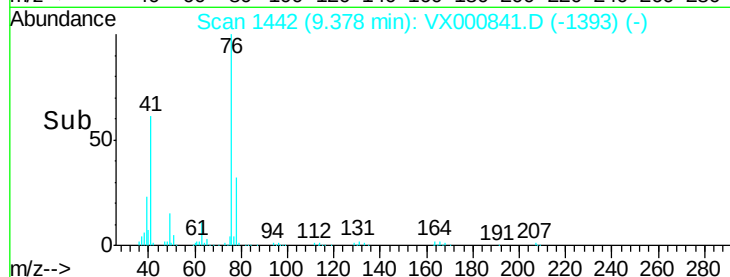
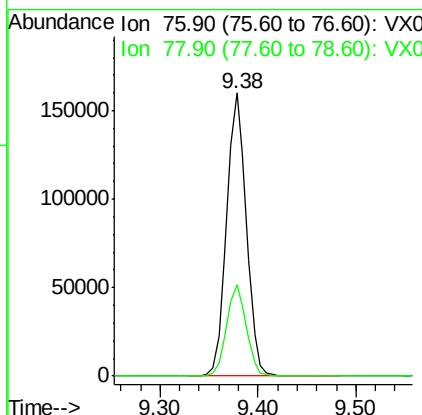
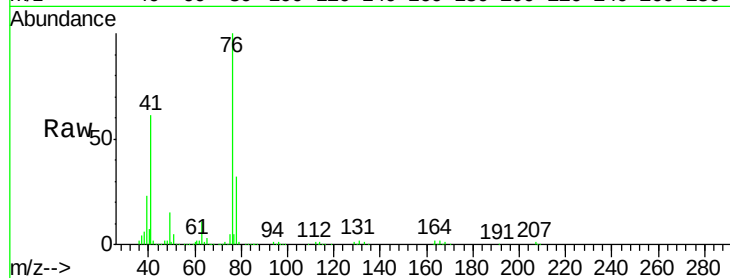
#57
 1,3-Dichloropropane
 Concen: 51.03 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

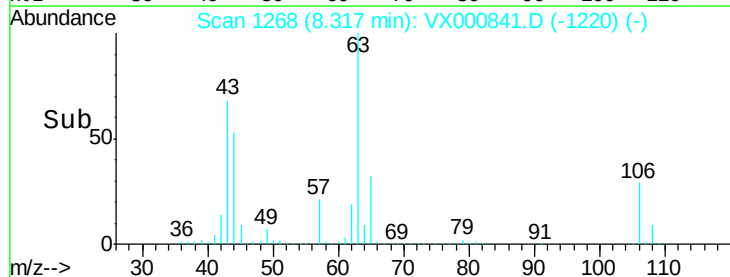
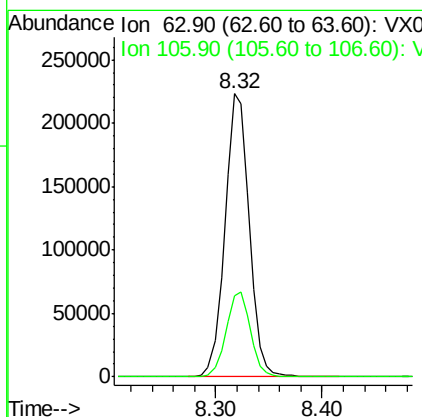
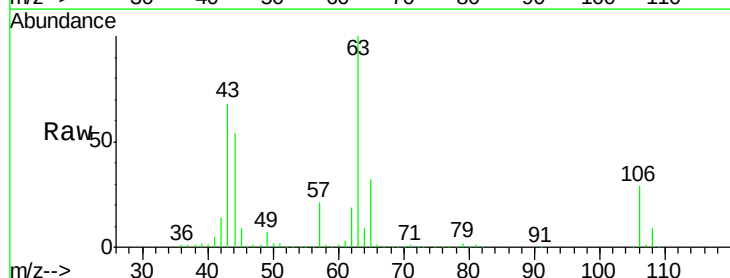
Manual Integrations
 APPROVED

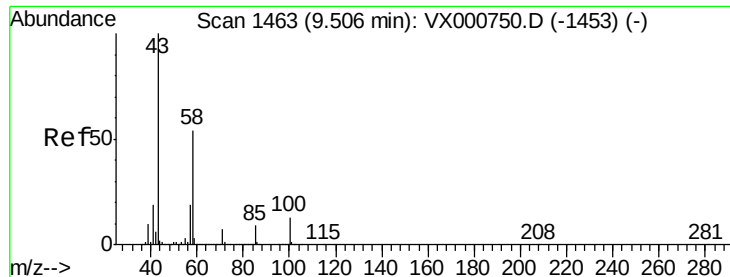
MMDadoda
 4/16/2018 12:59:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 178.47 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	24.3	36.5





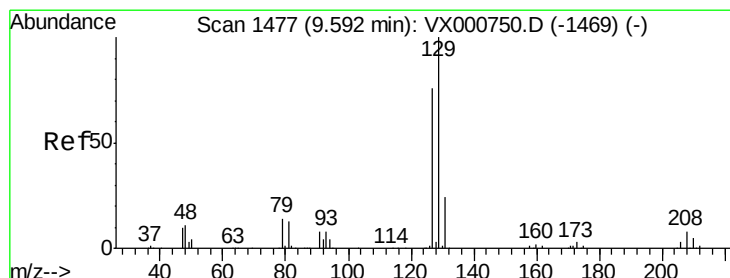
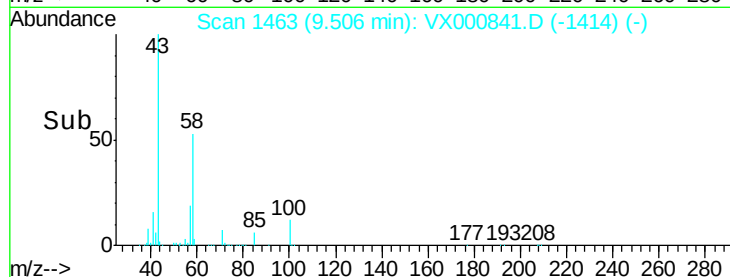
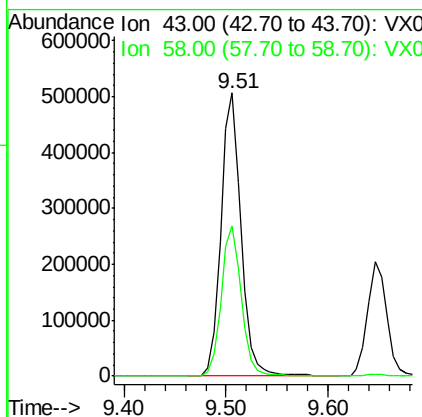
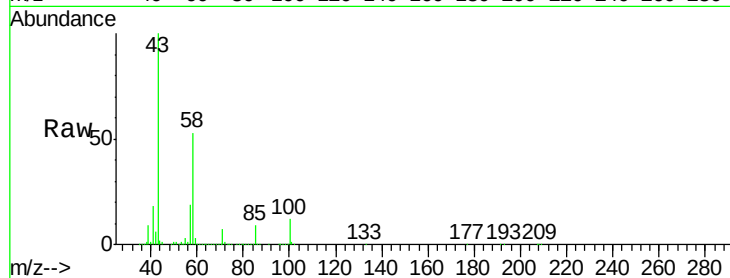
#59
2-Hexanone
Concen: 243.46 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.5	79.5

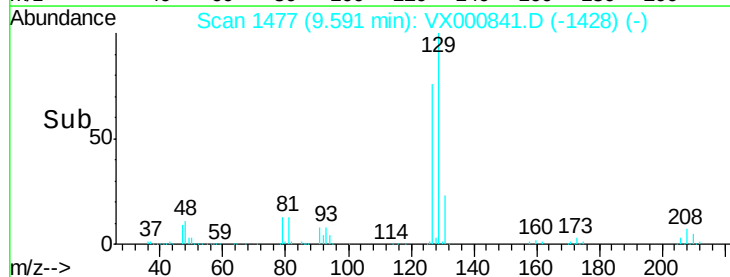
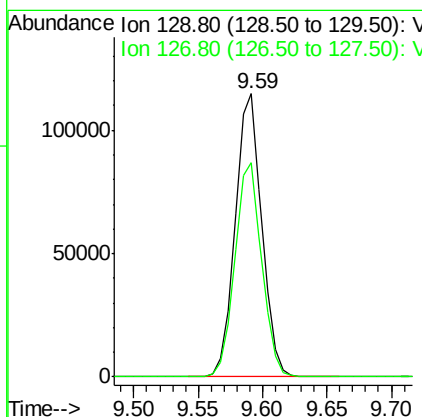
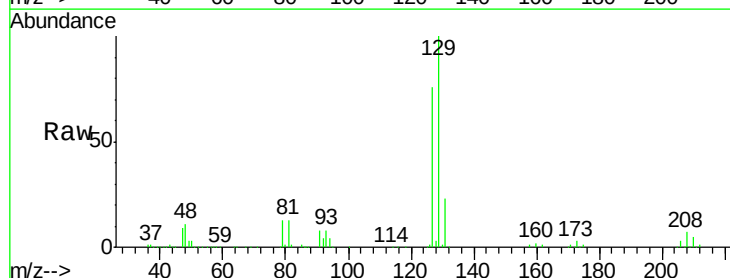
Manual Integrations
APPROVED

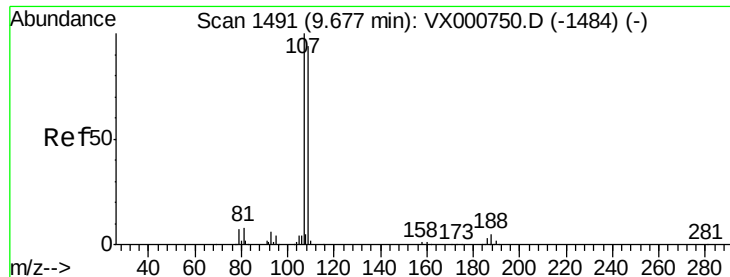
MMDadoda
4/16/2018 12:59:54 PM



#60
Dibromochloromethane
Concen: 49.80 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.4	115.1





#61

1,2-Dibromoethane

Concen: 50.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 148299

Ion Ratio Lower Upper

107 100

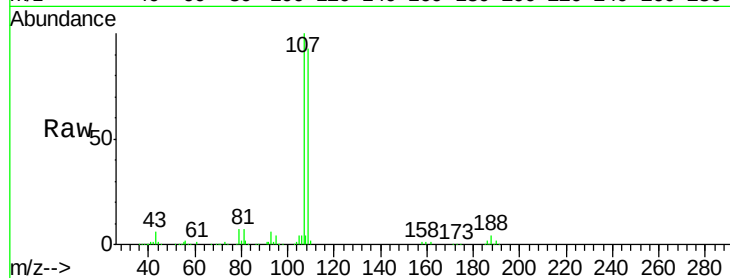
109 93.9 76.2 114.4

Manual Integrations

APPROVED

MMDadoda

4/16/2018 12:59:54 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

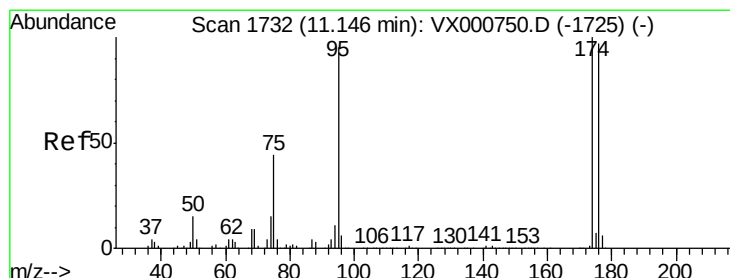
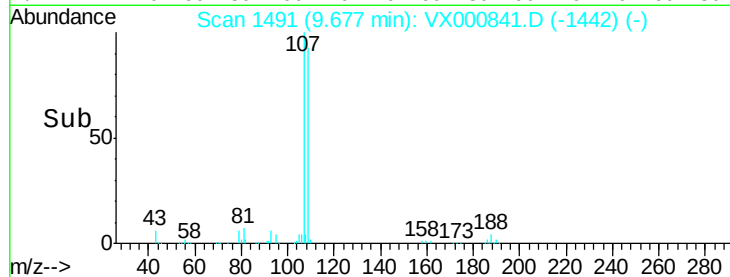
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.94 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

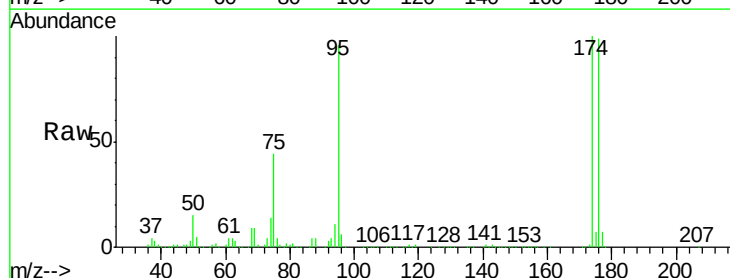
Tgt Ion: 95 Resp: 182357

Ion Ratio Lower Upper

95 100

174 98.9 0.0 198.4

176 97.3 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

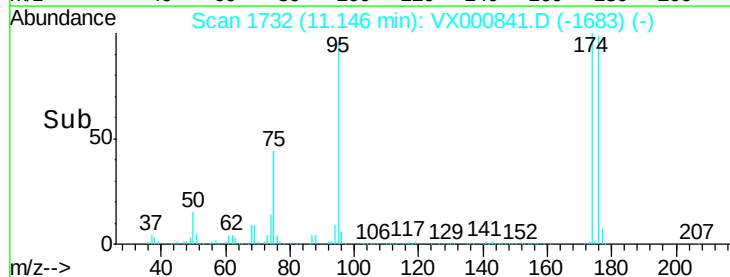
150000

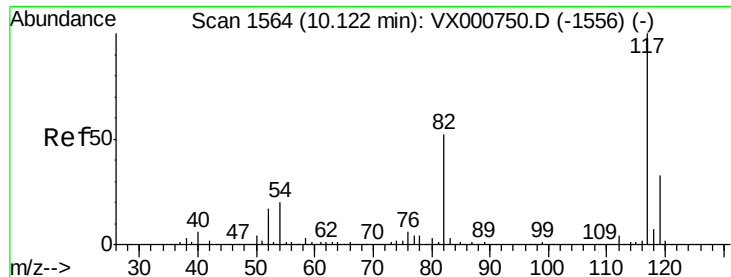
100000

50000

0

Time-->





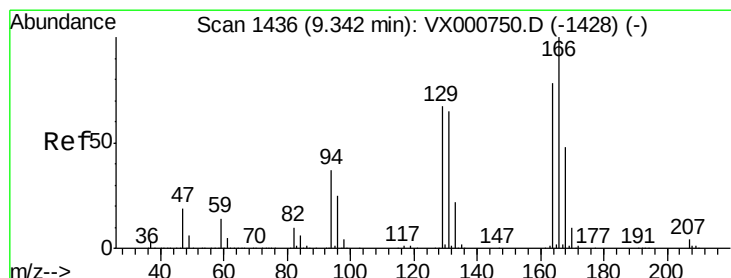
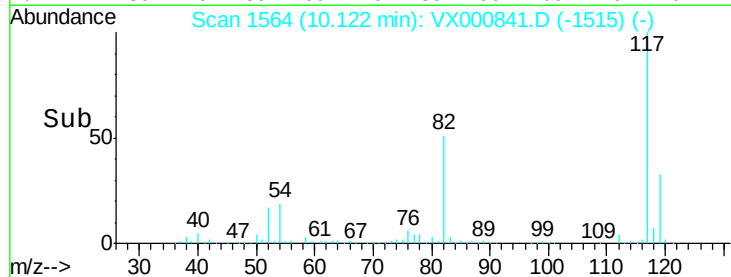
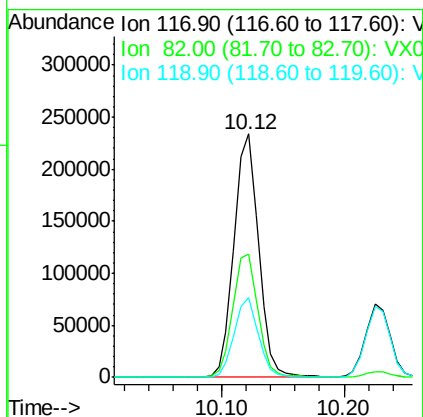
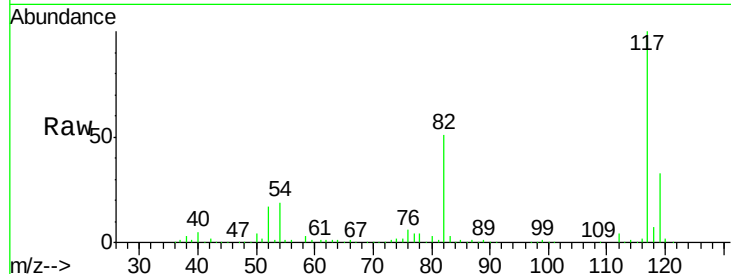
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.9	62.9
119	32.7	26.0	39.0

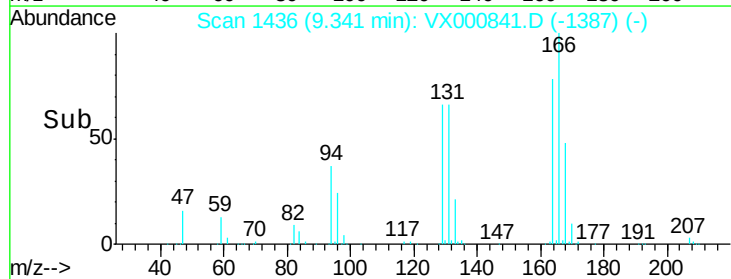
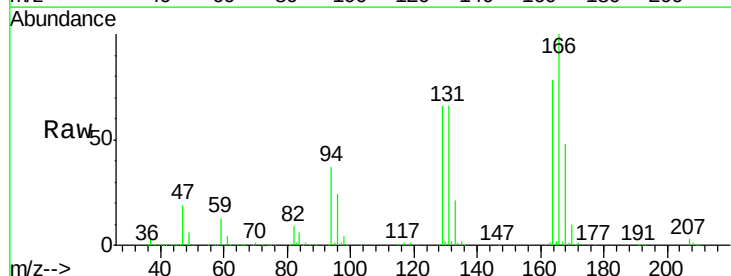
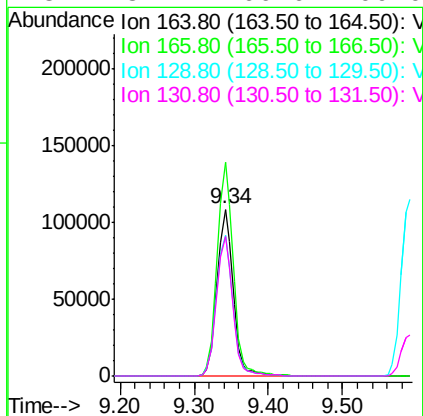
Manual Integrations
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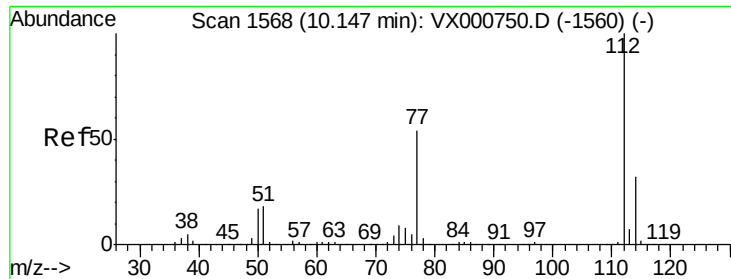
MMDadoda
4/16/2018 12:59:54 PM



#64
Tetrachloroethene
Concen: 51.10 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.8	154.2
129	84.8	68.5	102.7
131	84.1	66.6	100.0





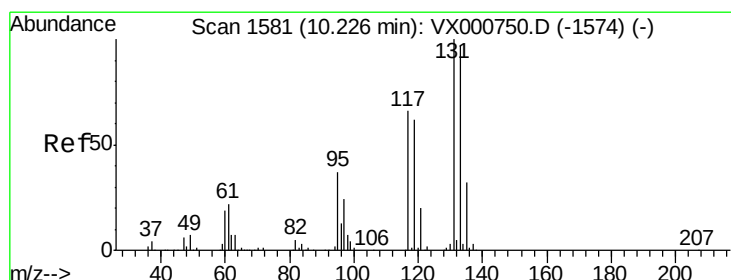
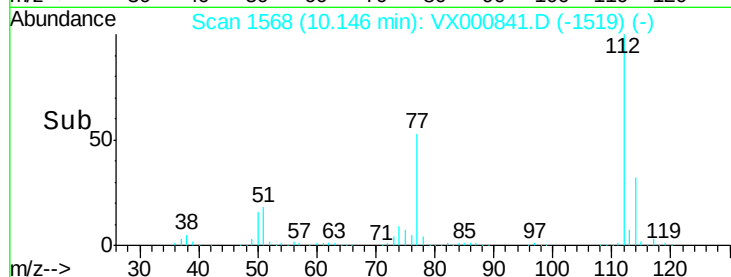
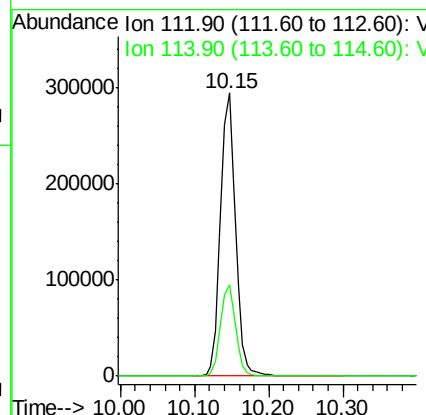
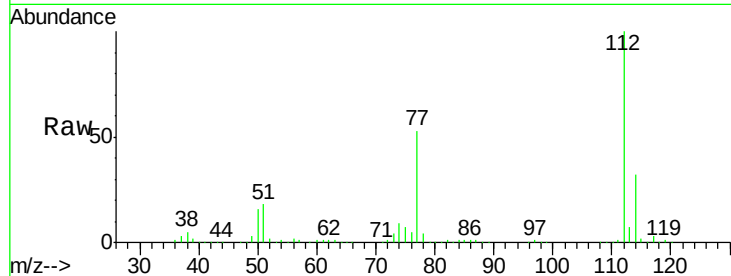
#65
Chlorobenzene
Concen: 50.08 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 409574
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

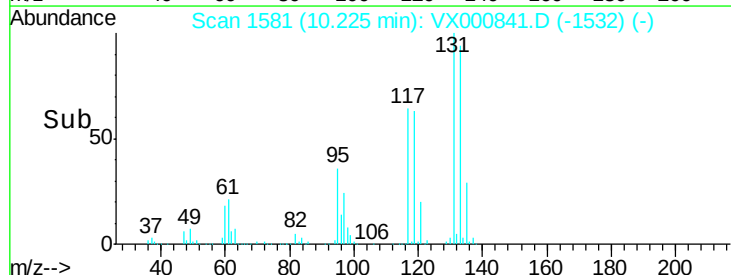
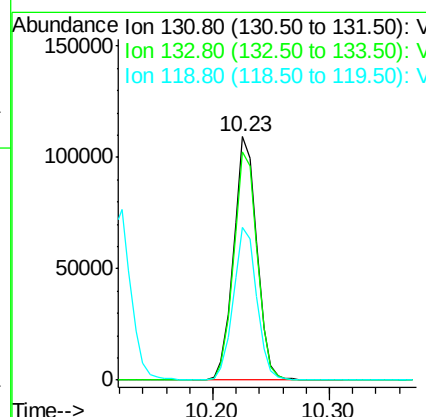
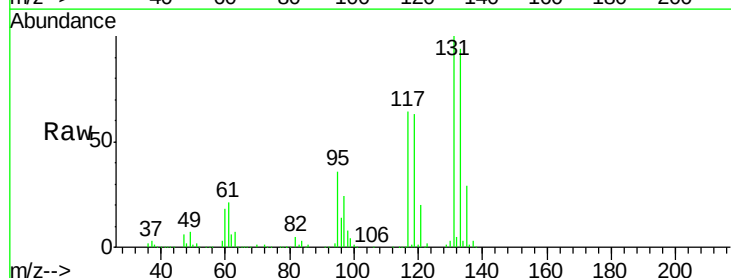
Manual Integrations
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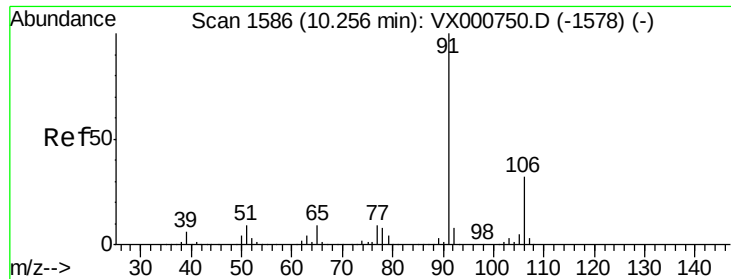
MMDadoda
4/16/2018 12:59:54 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.37 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion:131 Resp: 151980
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.9
119 63.1 31.4 94.0





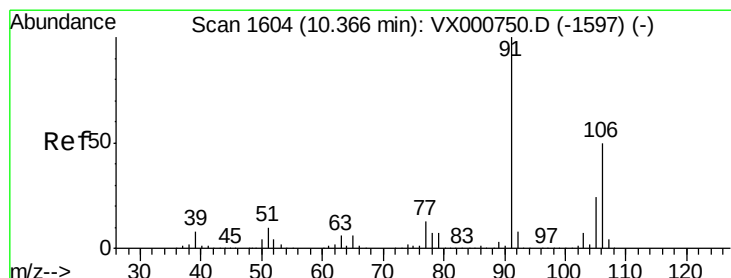
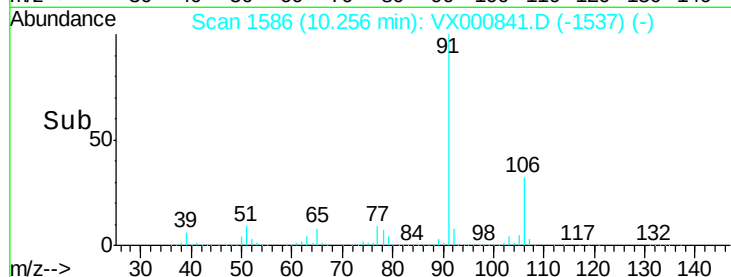
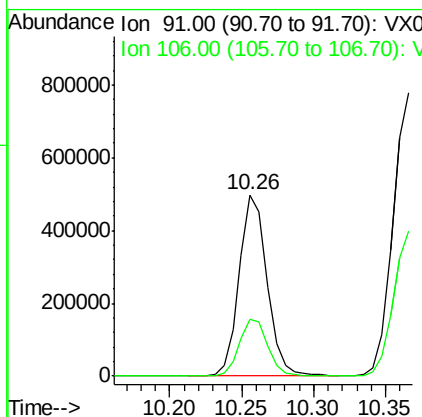
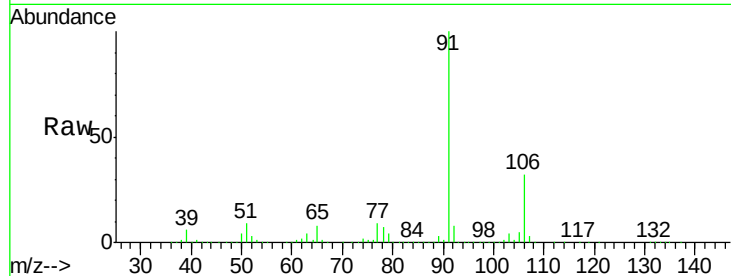
#67
Ethyl Benzene
Concen: 49.48 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 674768
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0

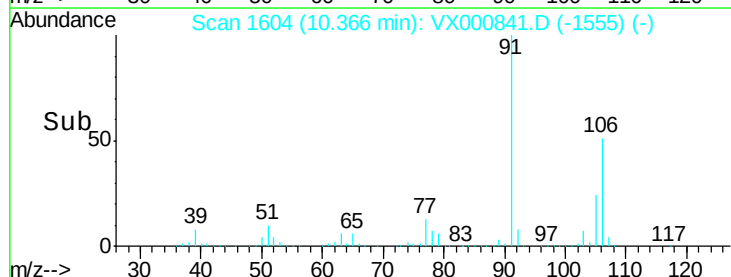
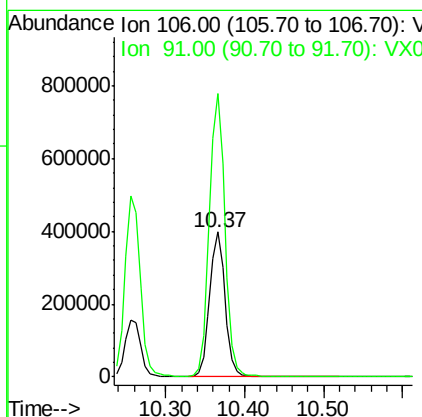
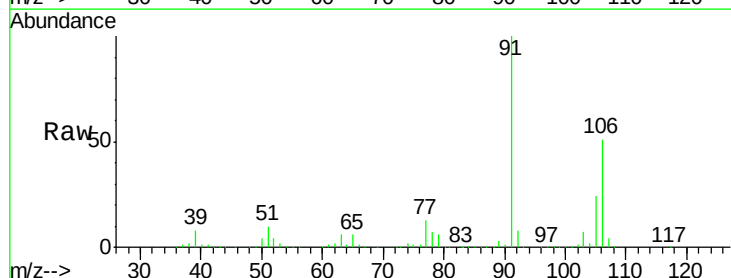
Manual Integrations
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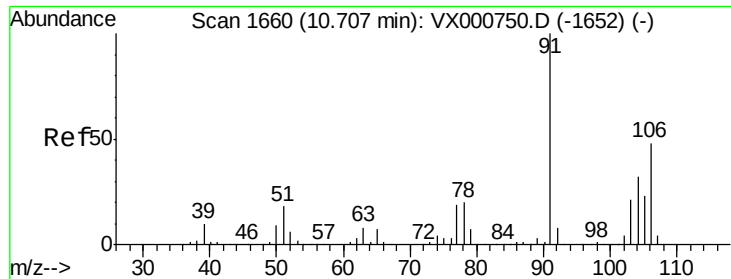
MMDadoda
4/16/2018 12:59:54 PM



#68
m/p-Xylenes
Concen: 100.47 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion: 106 Resp: 540757
Ion Ratio Lower Upper
106 100
91 198.2 159.3 238.9





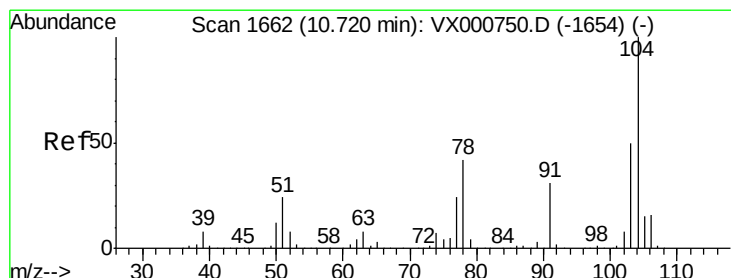
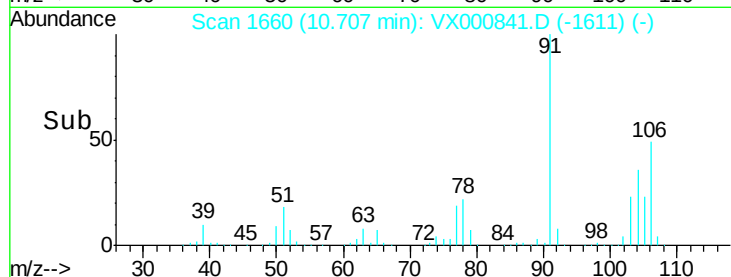
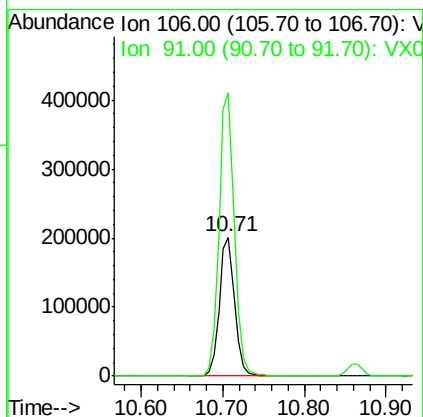
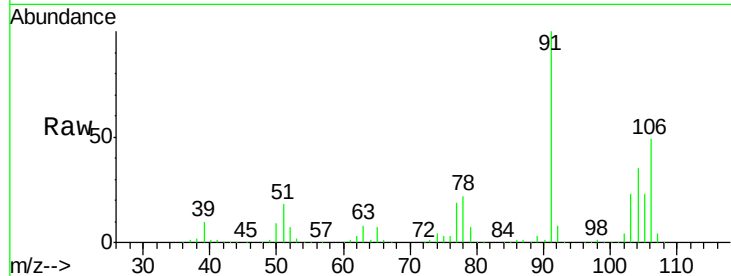
#69
o-Xylene
Concen: 50.89 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 263975
Ion Ratio Lower Upper
106 100
91 206.1 105.0 315.0

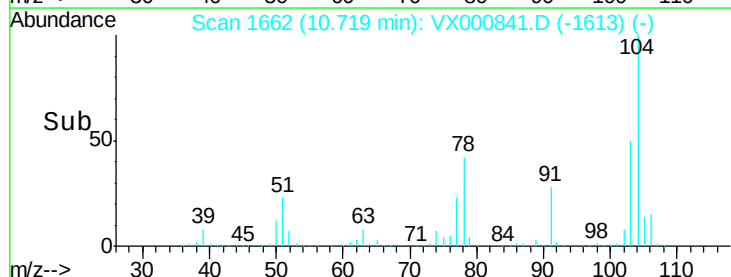
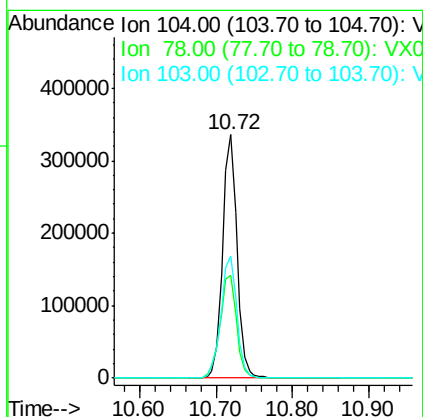
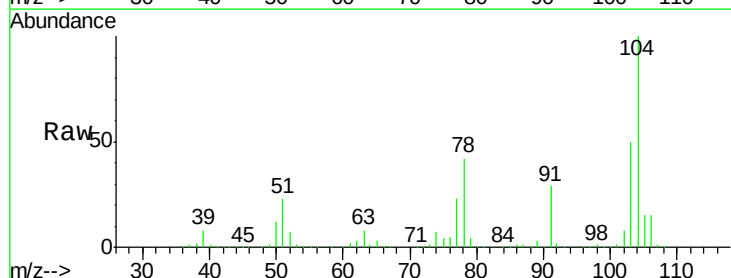
Manual Integrations
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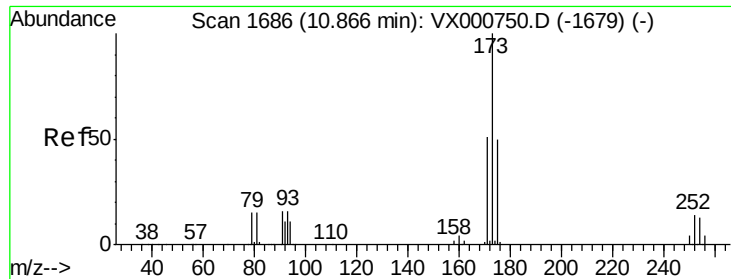
MMDadoda
4/16/2018 12:59:54 PM



#70
Styrene
Concen: 50.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion:104 Resp: 438904
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 55.4 44.1 66.1





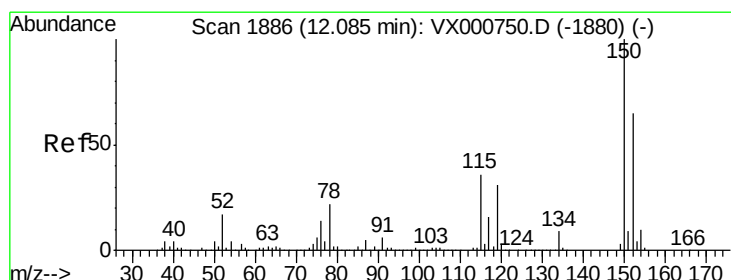
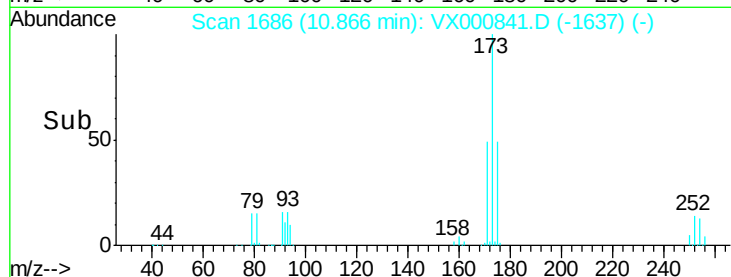
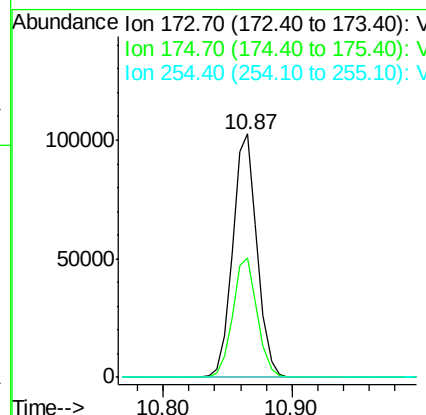
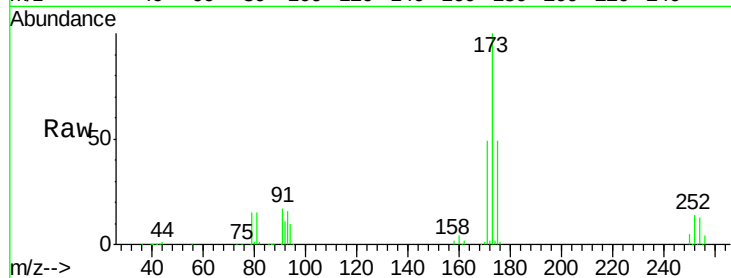
#71
Bromoform
Concen: 47.60 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.5	73.5
254	0.2	0.2	0.2

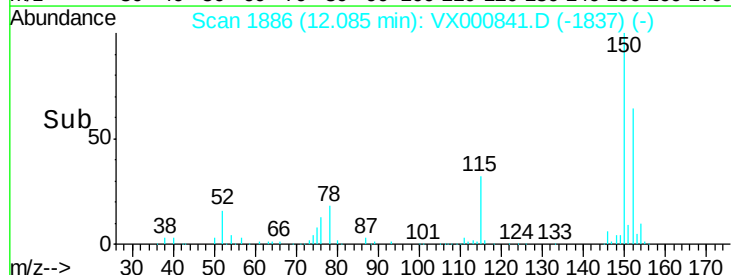
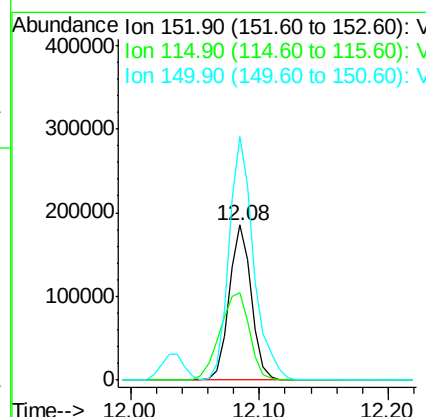
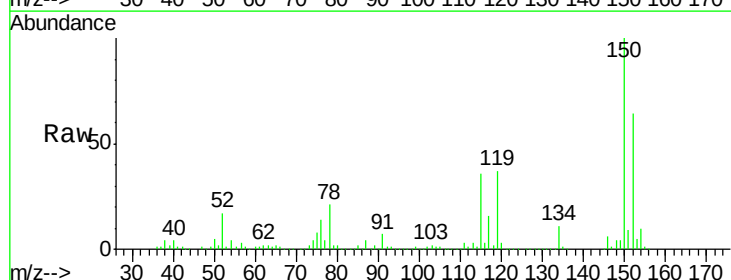
Manual Integrations
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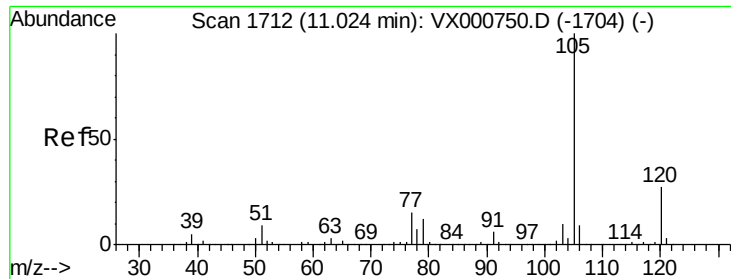
MMDadoda
4/16/2018 12:59:54 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.5	37.9	113.7
150	174.5	0.0	348.0





#73

Isopropylbenzene

Concen: 50.02 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 708793

Ion Ratio Lower Upper

105 100

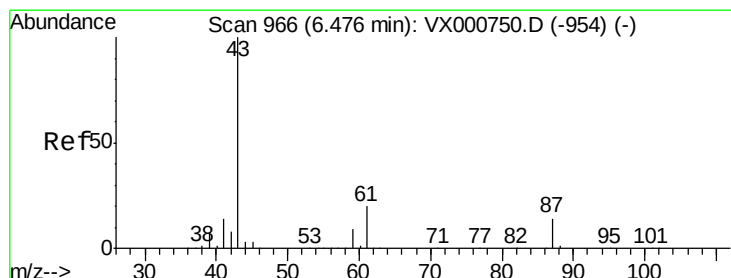
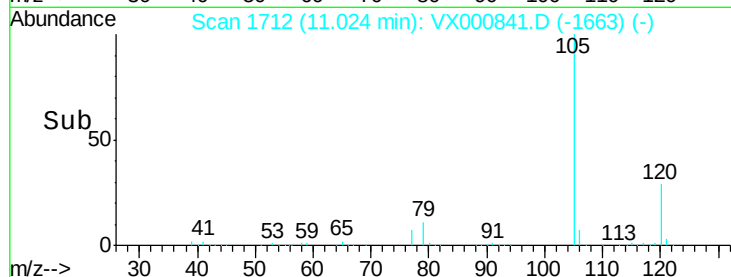
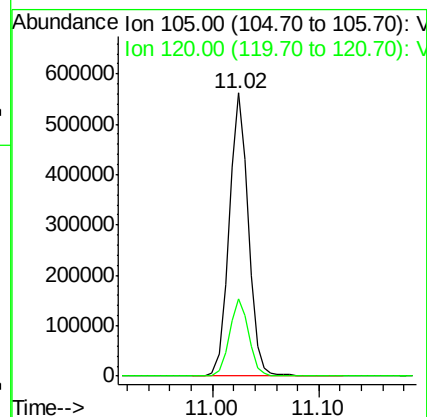
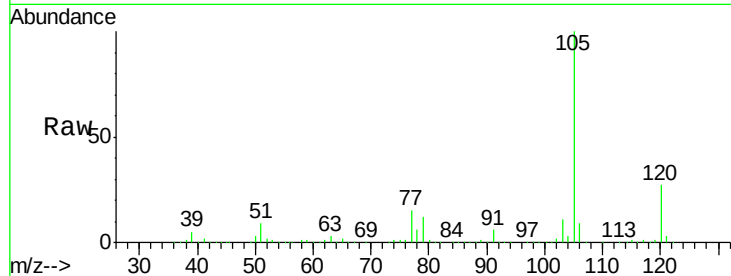
120 27.3 13.7 41.0

Manual Integrations

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4/16/2018 12:59:54 PM



#74

N-ethyl acetate

Concen: 47.84 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion: 43 Resp: 305248

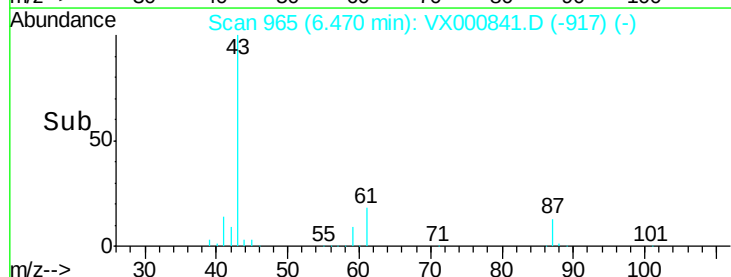
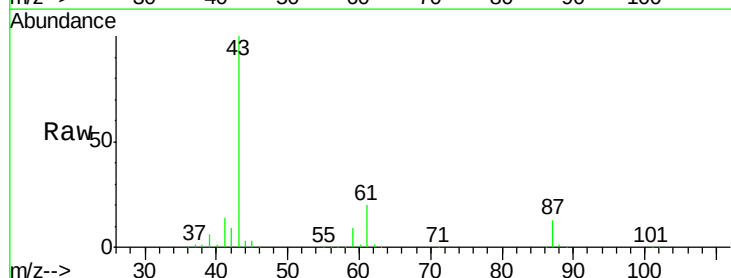
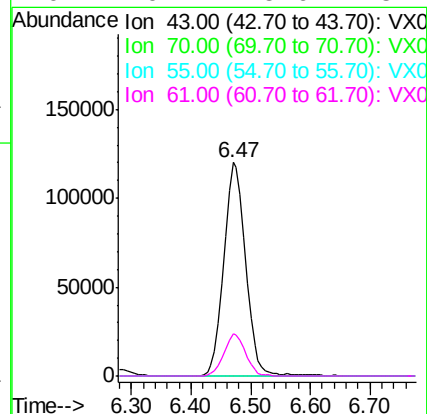
Ion Ratio Lower Upper

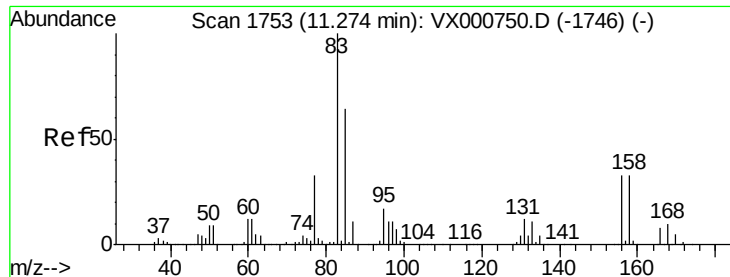
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.7 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

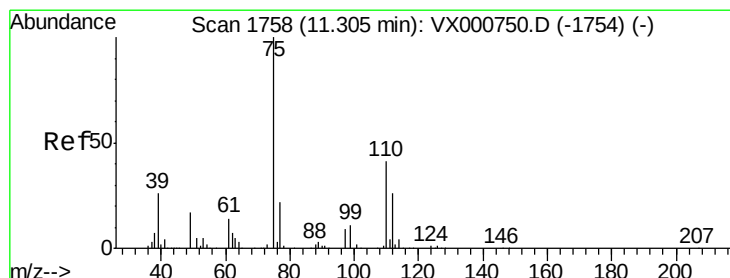
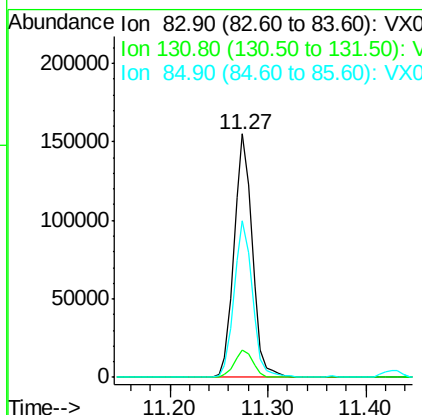
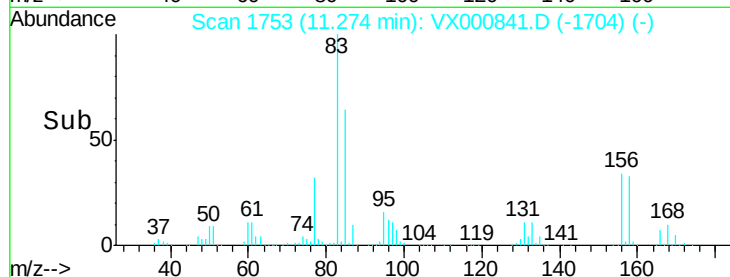
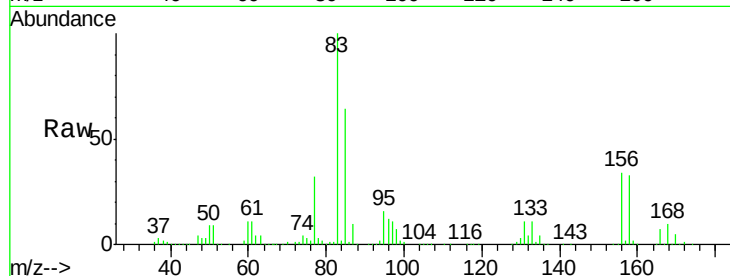
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	200157
Ion Ratio	Lower	Upper	
83	100		
131	11.6	6.0	18.0
85	64.9	32.3	96.8

Manual Integrations
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4/16/2018 12:59:54 PM



#76

1,2,3-Trichloropropane

Concen: 49.26 ug/l m

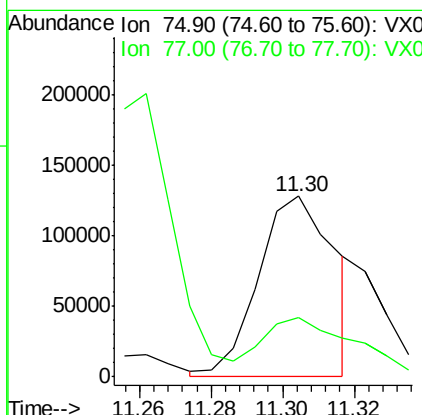
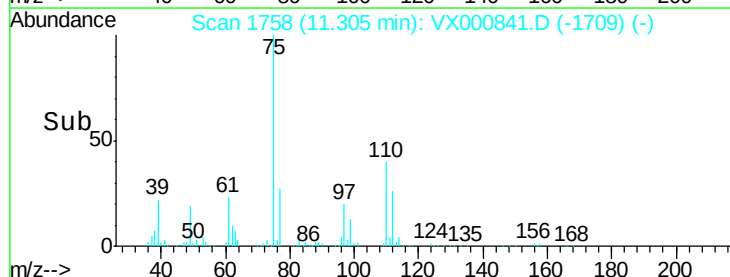
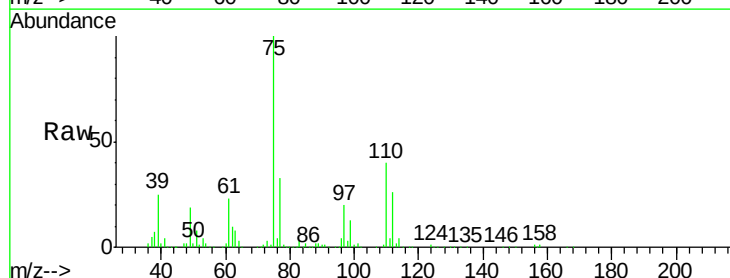
RT: 11.30 min Scan# 1758

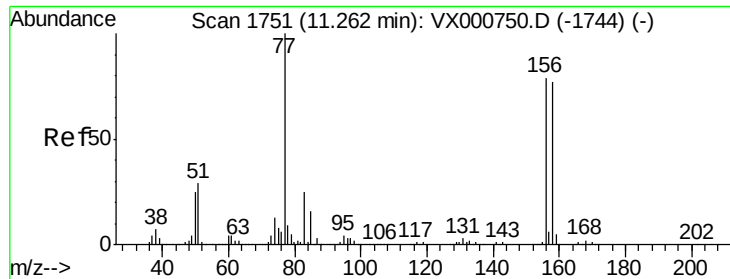
Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion:	75	Resp:	189756
Ion Ratio	Lower	Upper	
75	100		
77	39.8	20.5	61.5





#77

Bromobenzene

Concen: 49.48 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

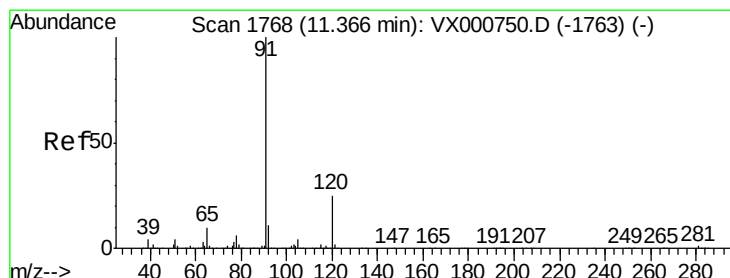
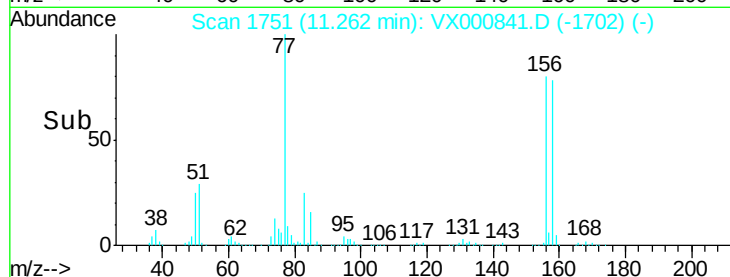
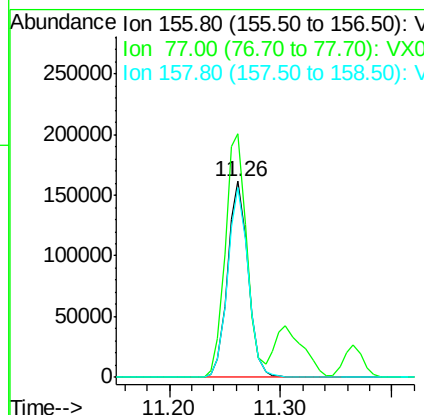
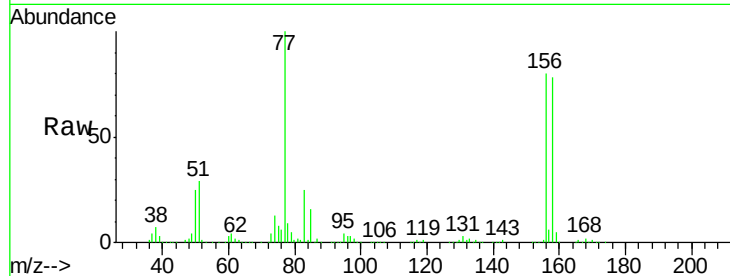
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	130.5	66.0	198.2
158	97.2	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 49.96 ug/l

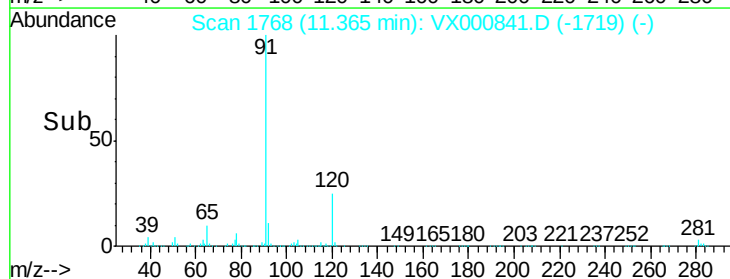
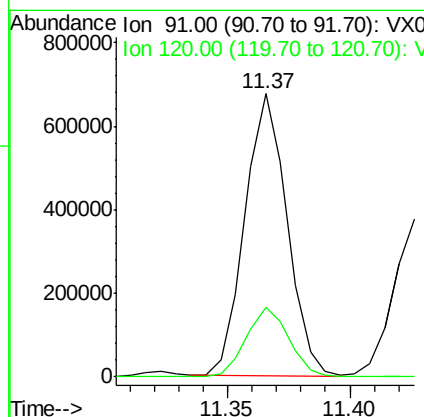
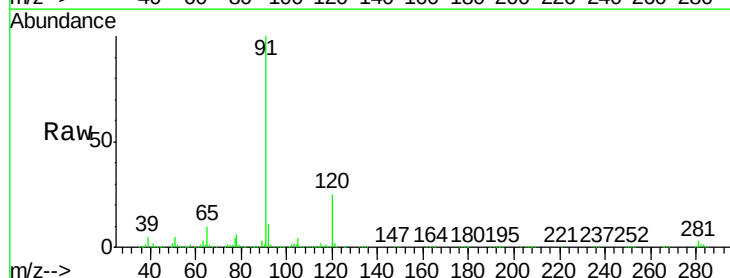
RT: 11.37 min Scan# 1768

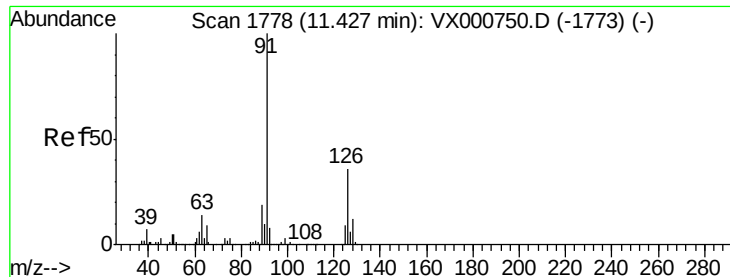
Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.6	37.6





#79

2-Chlorotoluene

Concen: 49.36 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 472856

Ion Ratio Lower Upper

91 100

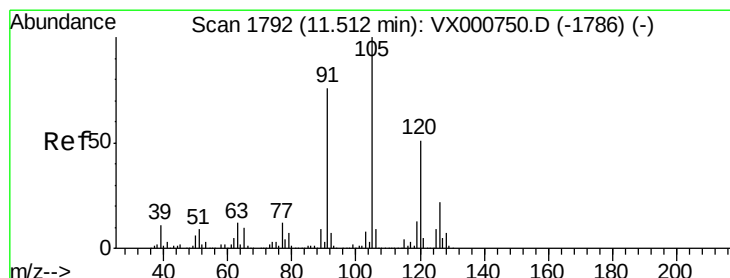
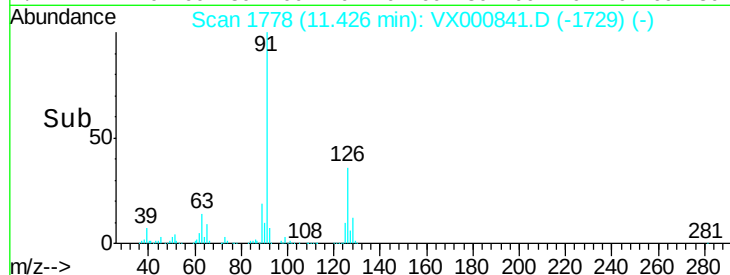
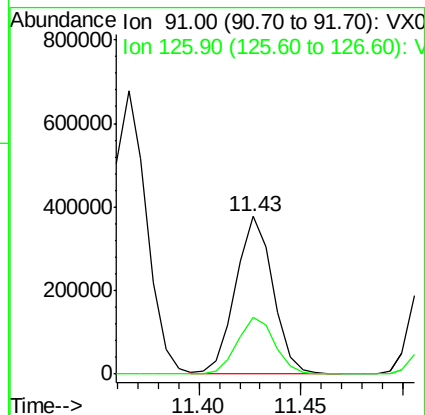
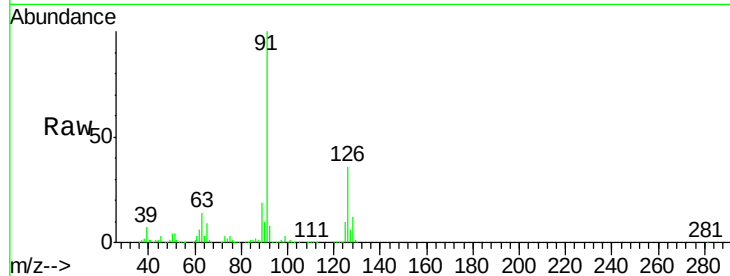
126 37.0 18.3 54.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.34 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000841.D

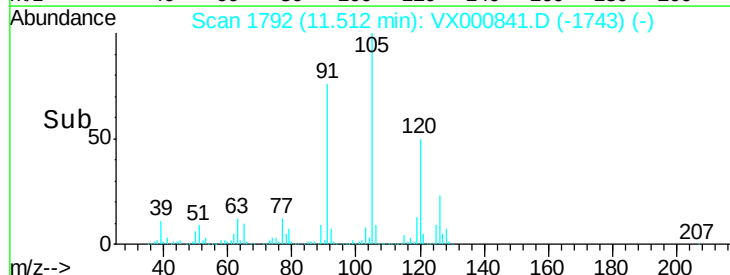
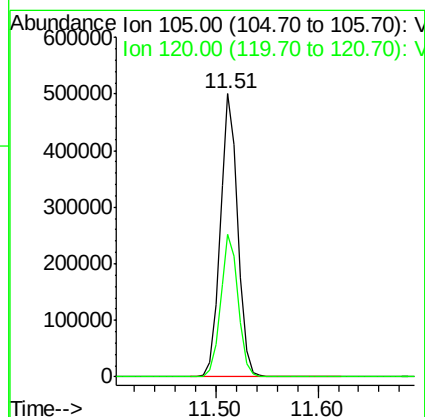
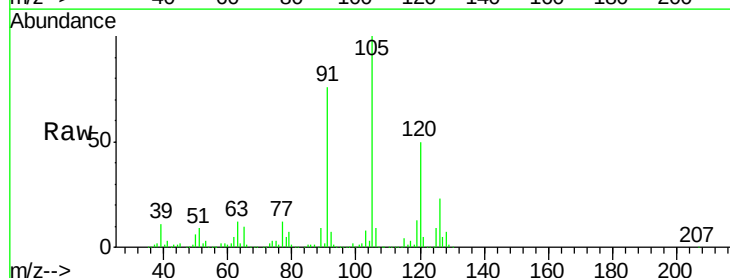
Acq: 13 Apr 2018 10:50

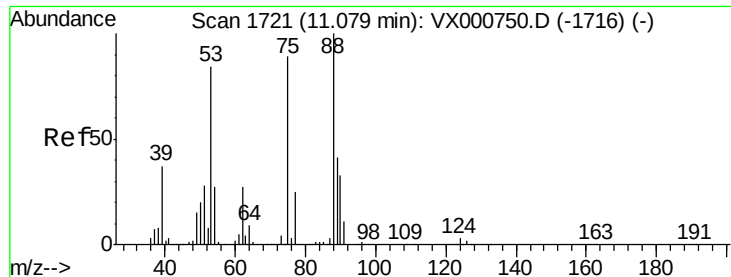
Tgt Ion: 105 Resp: 601295

Ion Ratio Lower Upper

105 100

120 50.4 25.0 75.0





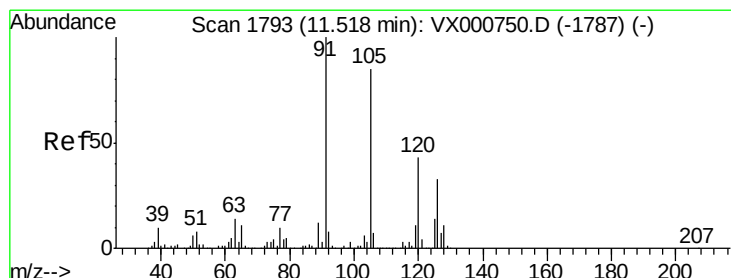
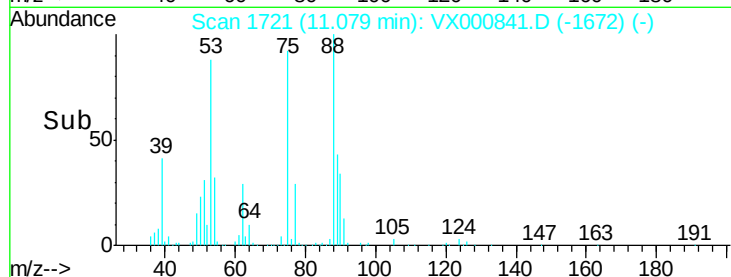
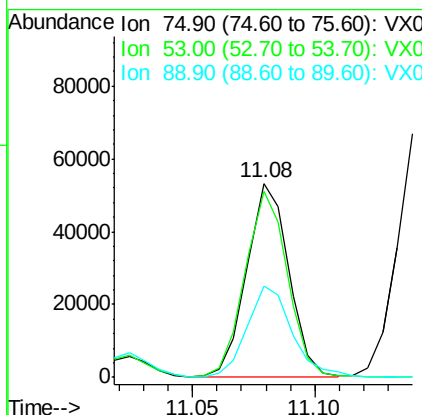
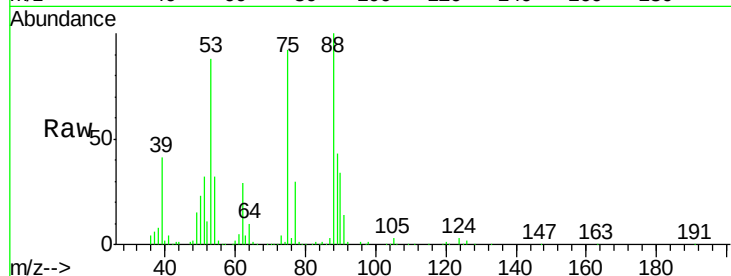
#81
trans-1,4-Dichloro-2-butene
Concen: 45.55 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	75.4	113.0
89	51.0	40.9	61.3

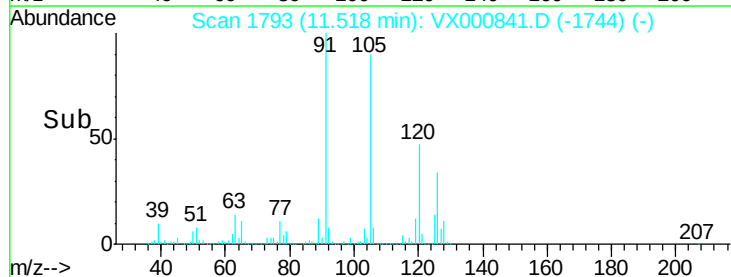
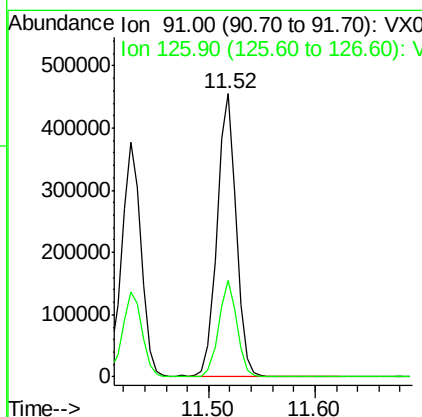
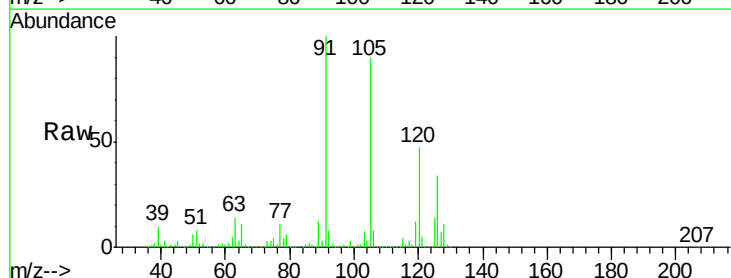
Manual Integrations
APPROVED

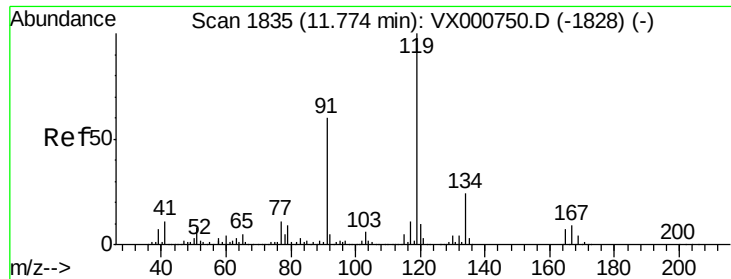
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.81 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.6





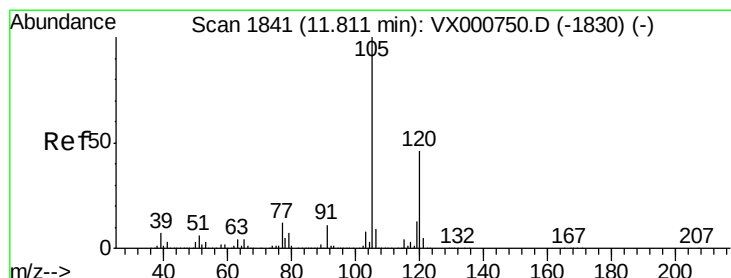
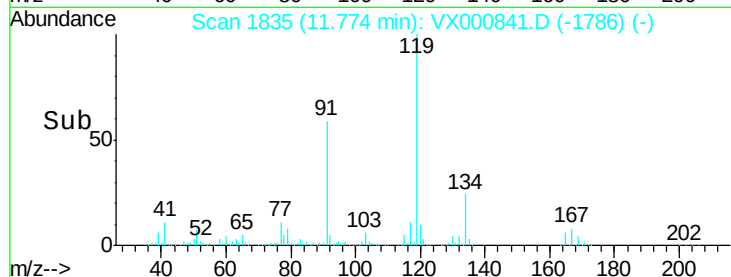
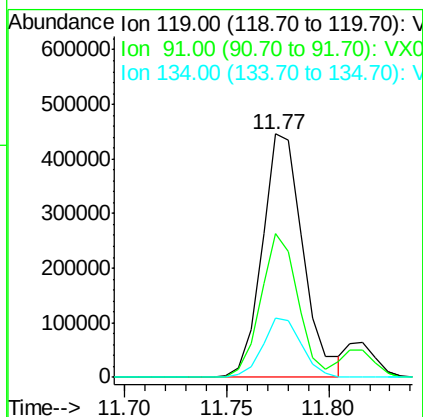
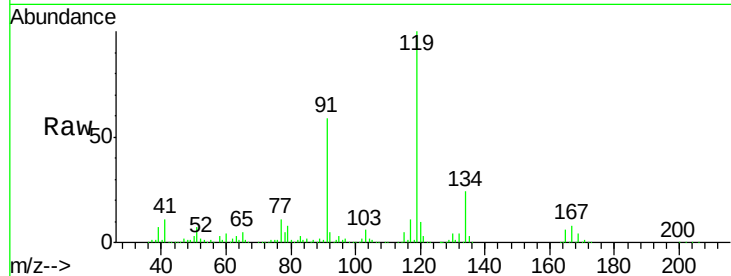
#83
 tert-Butylbenzene
 Concen: 49.93 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	622527		
91	53.6	26.8	80.3	
134	23.2	11.5	34.4	

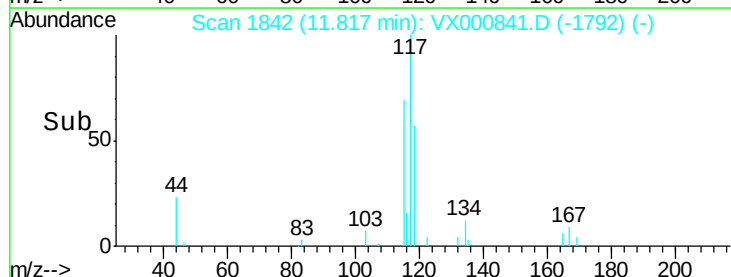
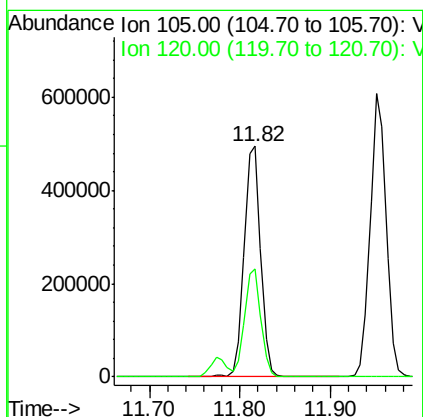
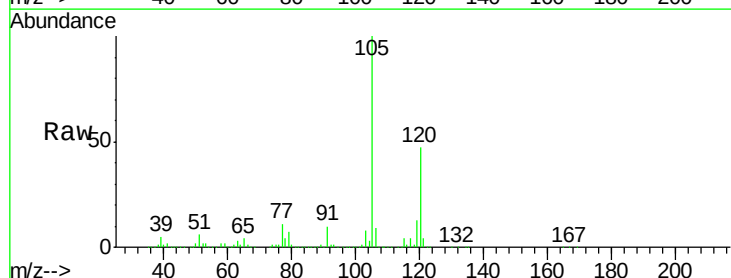
Manual Integrations
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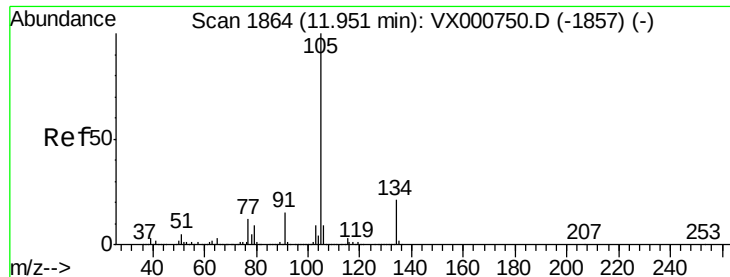
MMDadoda
 4/16/2018 12:59:54 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.59 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	623931		
120	46.0	23.1	69.3	





#85

sec-Butylbenzene

Concen: 50.47 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 742253

Ion Ratio Lower Upper

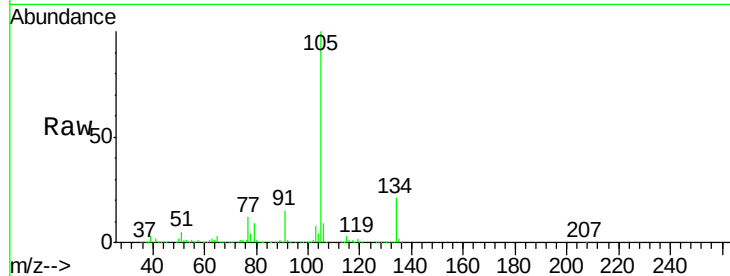
105 100

134 21.4 10.8 32.4

Manual Integrations
APPROVED

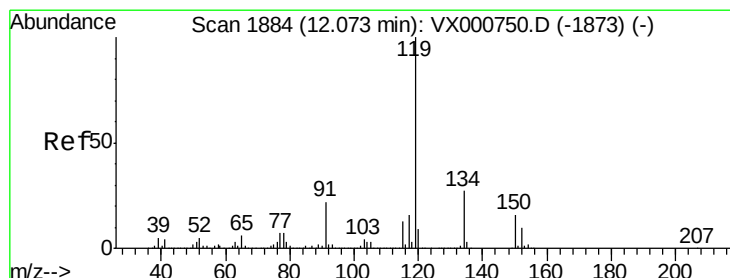
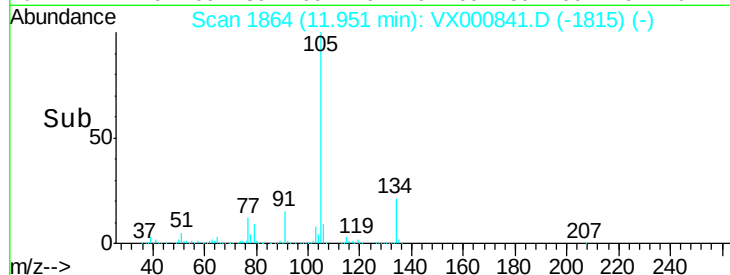
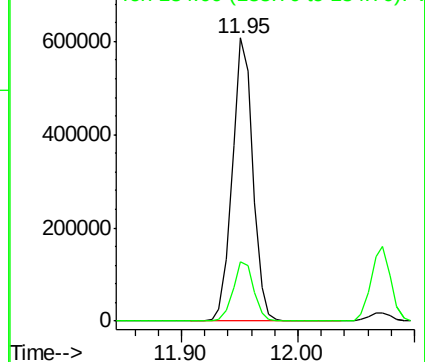
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.30 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

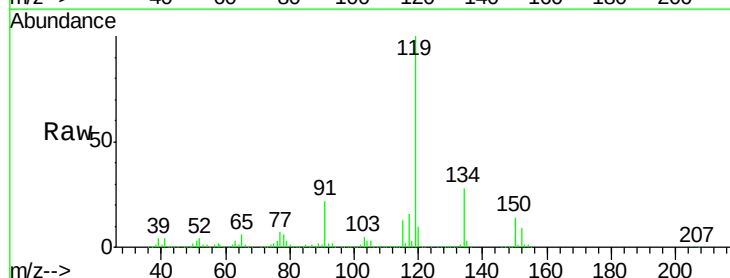
Tgt Ion:119 Resp: 689918

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

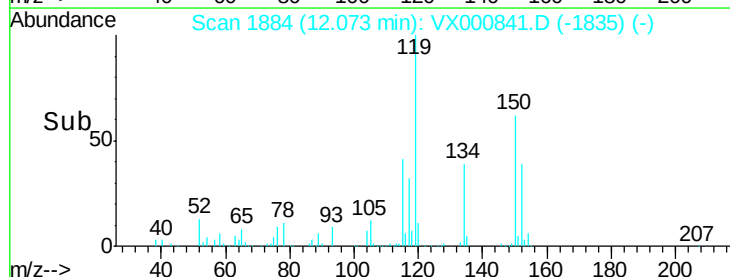
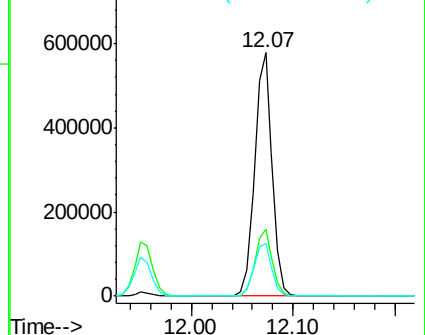
91 22.2 11.2 33.5

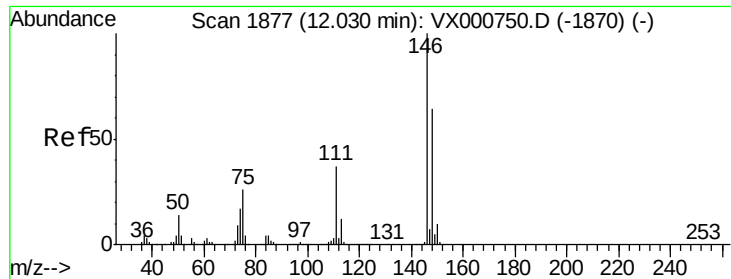


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





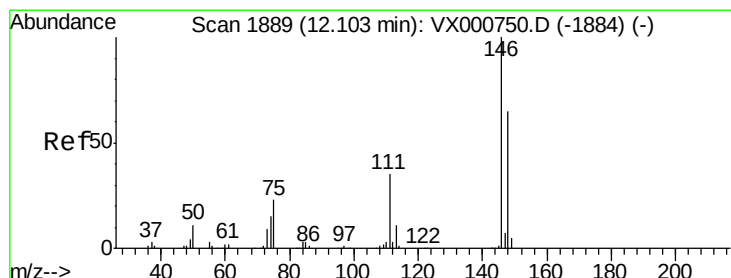
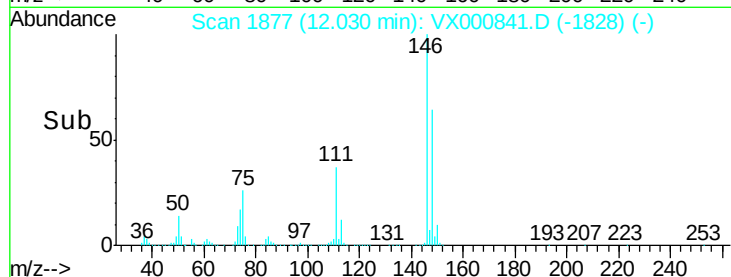
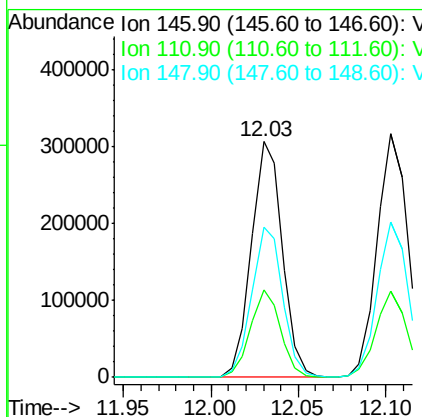
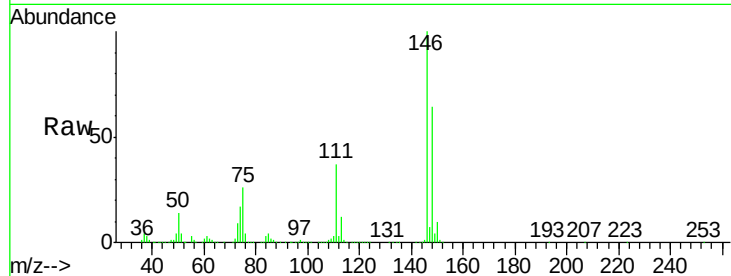
#87
 1,3-Dichlorobenzene
 Concen: 49.69 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.3	54.8
148	63.7	32.2	96.6

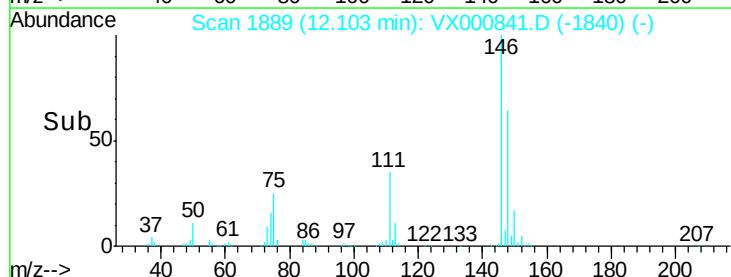
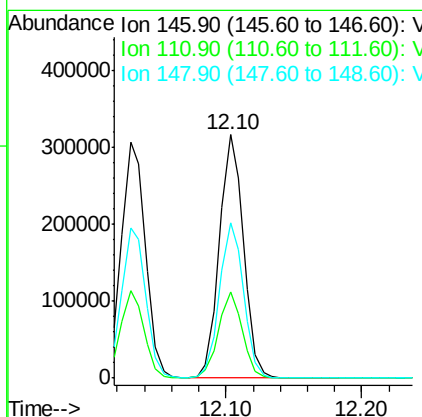
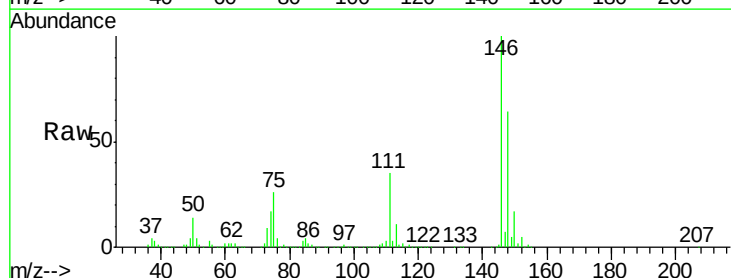
Manual Integrations
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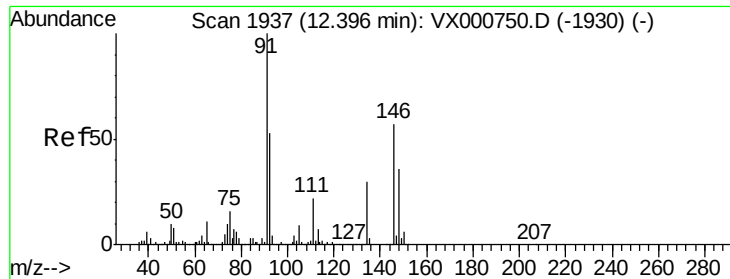
MMDadoda
 4/16/2018 12:59:54 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.31 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	17.9	53.8
148	64.0	32.6	97.7





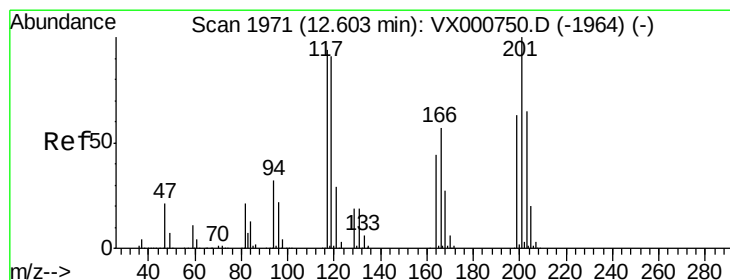
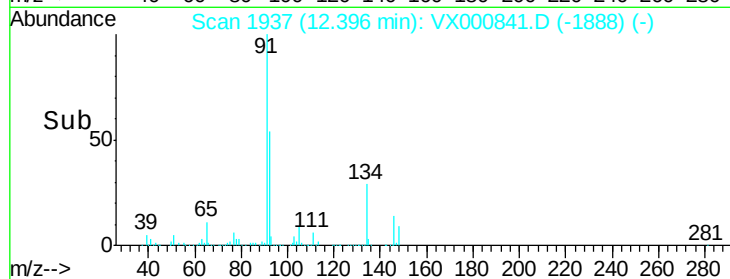
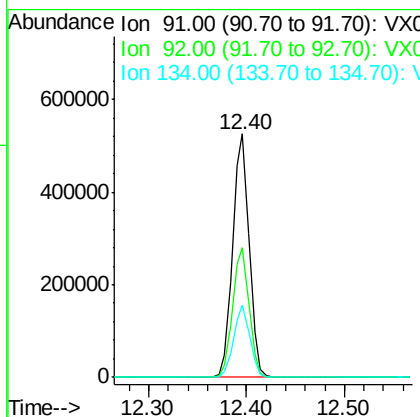
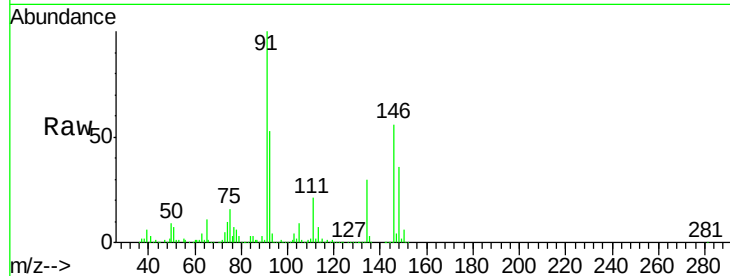
#89
n-Butylbenzene
Concen: 50.78 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	29.0	14.5	43.5

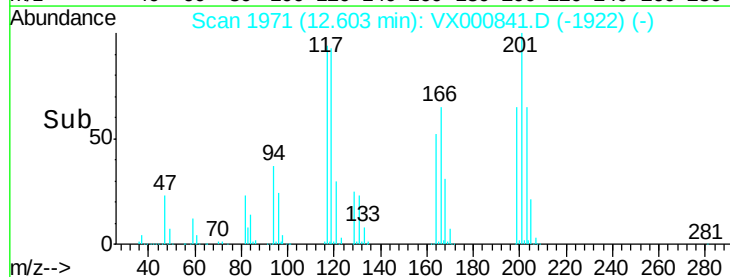
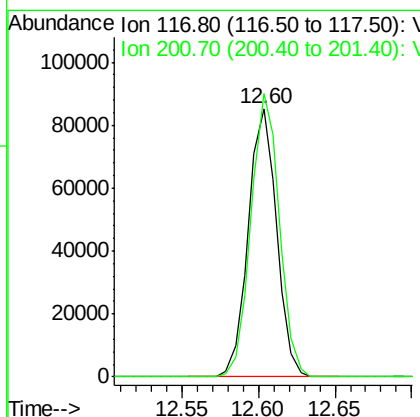
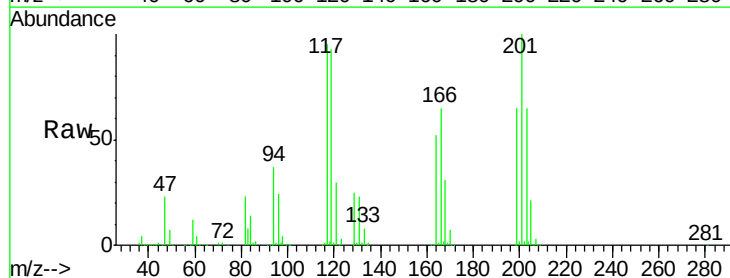
Manual Integrations
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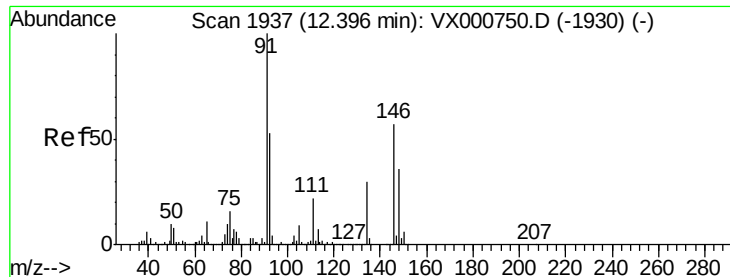
MMDadoda
4/16/2018 12:59:54 PM



#90
Hexachloroethane
Concen: 47.18 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000841.D
Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	106.1	52.9	158.7





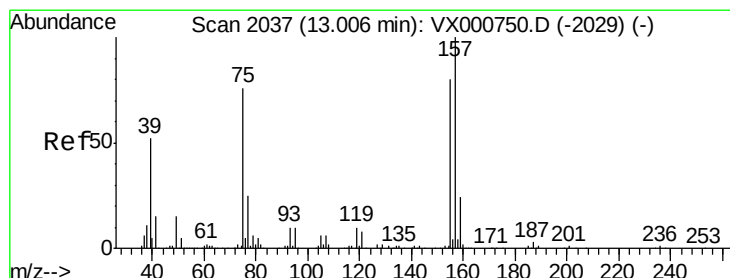
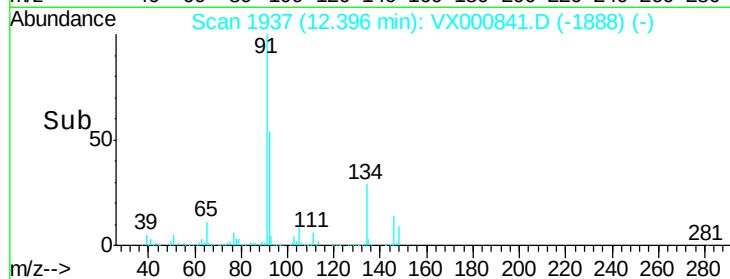
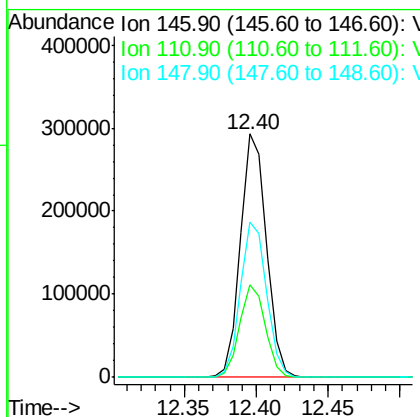
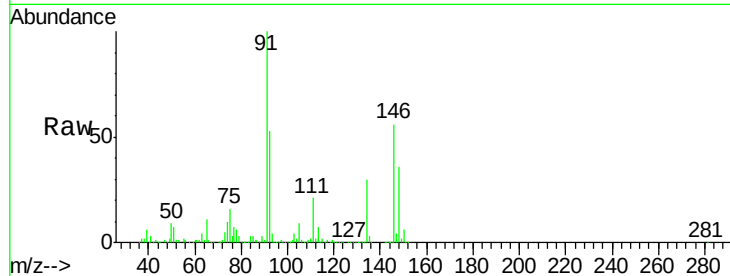
#91
 1,2-Dichlorobenzene
 Concen: 49.55 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	367702		
111	37.8	18.9	56.7	
148	64.5	32.0	96.2	

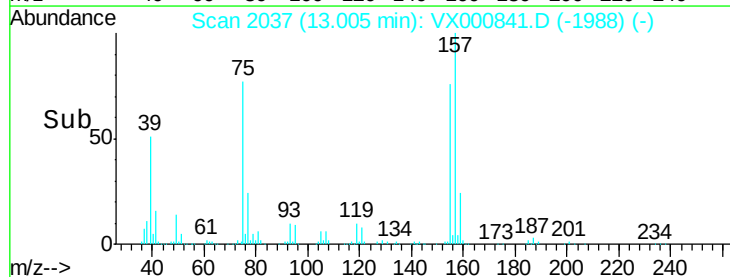
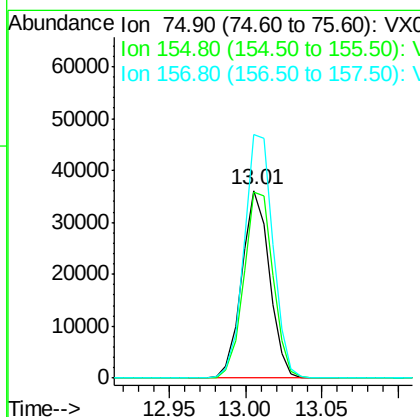
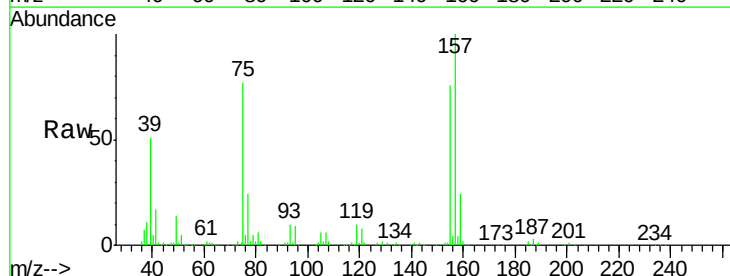
Manual Integrations
 APPROVED

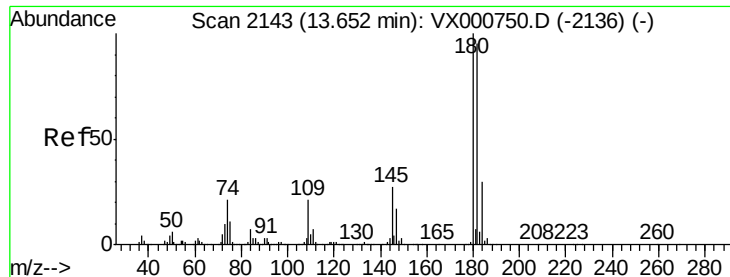
MMDadoda
 4/16/2018 12:59:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.79 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45116		
155	104.5	51.9	155.8	
157	136.1	66.6	199.8	





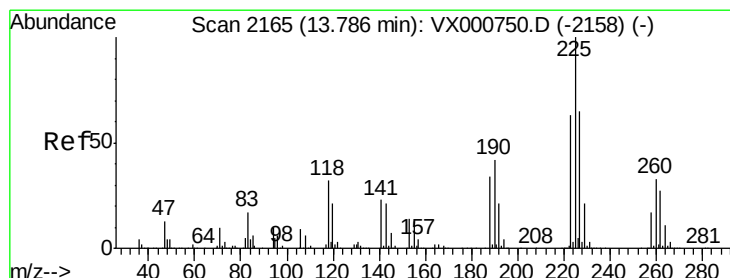
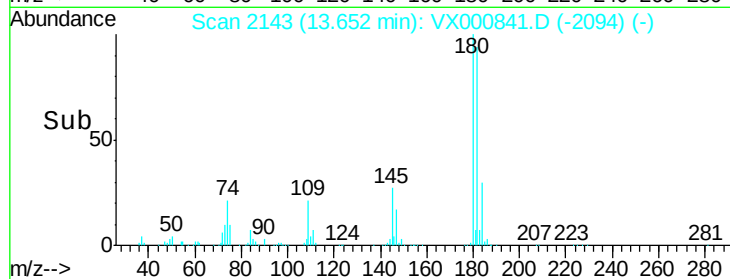
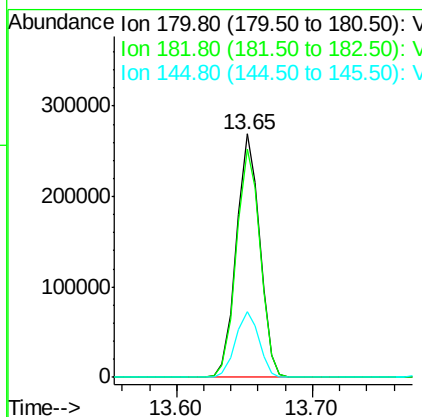
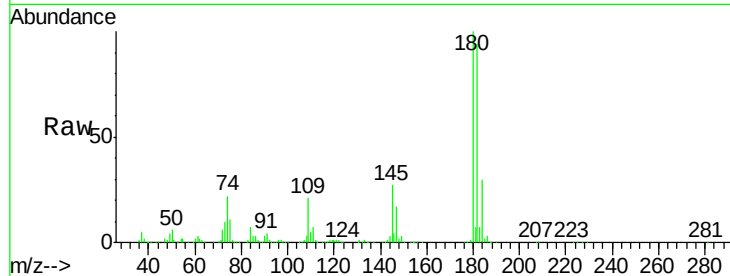
#93
 1,2,4-Trichlorobenzene
 Concen: 50.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	320895		
182	95.4	47.5	142.5	
145	27.5	13.8	41.4	

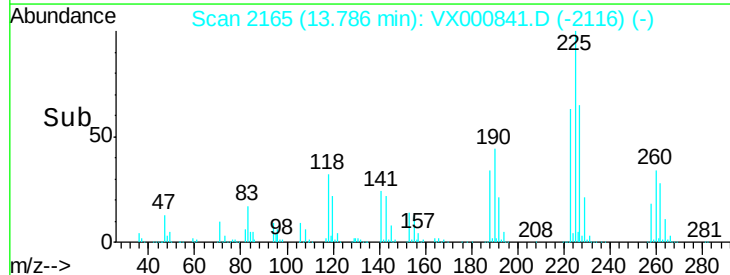
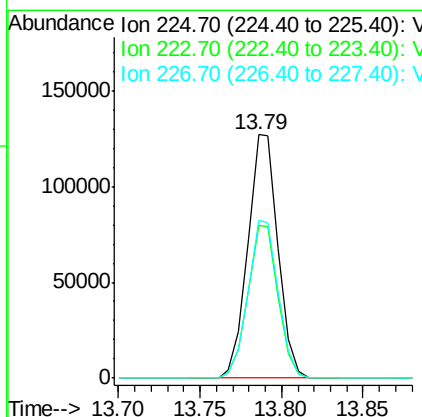
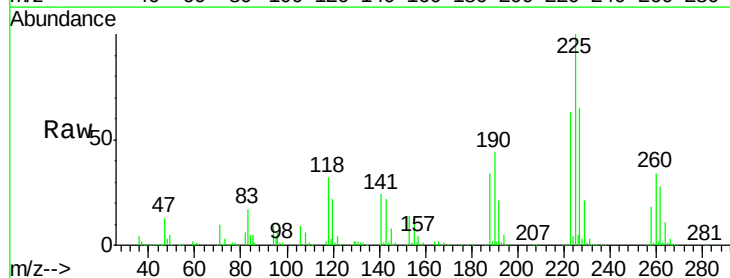
Manual Integrations
 APPROVED

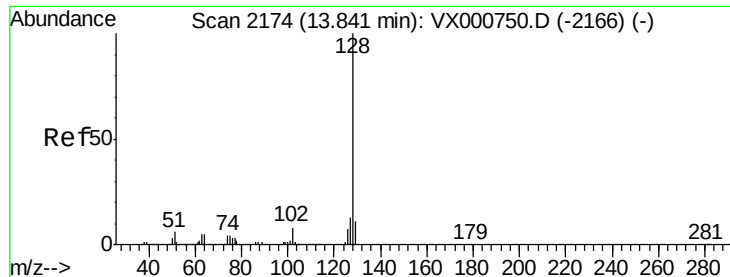
MMDadoda
 4/16/2018 12:59:54 PM



#94
 Hexachlorobutadiene
 Concen: 52.56 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000841.D
 Acq: 13 Apr 2018 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	163642		
223	62.9	31.2	93.6	
227	64.7	32.3	96.9	





#95

Naphthalene

Concen: 49.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Instrument :

MSVOA_X

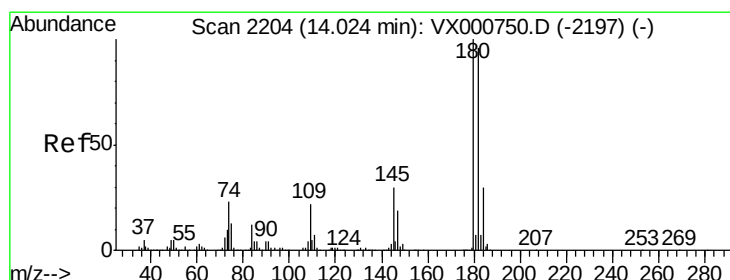
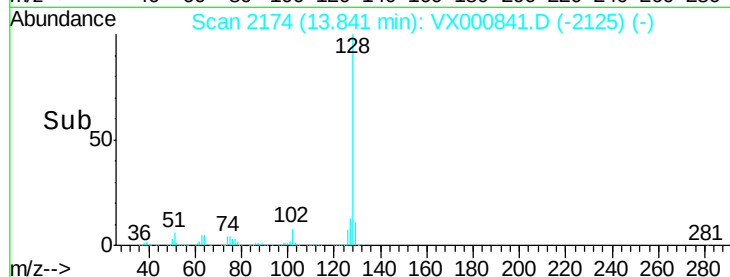
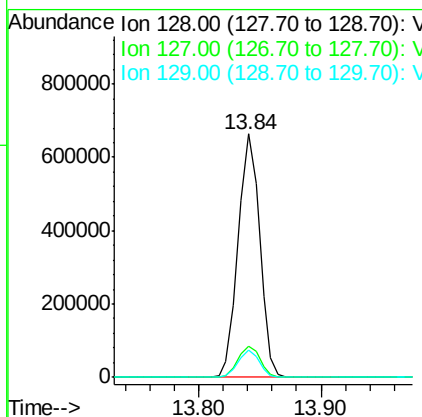
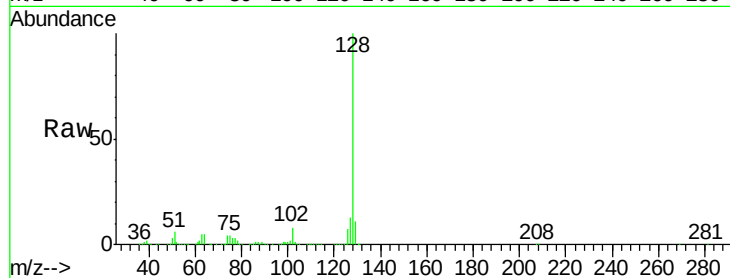
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	807216
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/16/2018 12:59:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.04 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000841.D

Acq: 13 Apr 2018 10:50

Tgt Ion:	180	Resp:	307771
Ion Ratio		Lower	Upper
180	100		
182	96.3	48.4	145.2
145	29.0	14.6	43.8

