

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000377.D
 Acq On : 21 Mar 2018 11:49
 Operator : JC/MD
 Sample : VX0321WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Manual Integrations
 APPROVED

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 3/22/2018 2:44:27 PM

Quant Time: Mar 22 06:02:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	188203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	82811	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
35) Dibromofluoromethane	5.51	113	61420	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	8.73	98	250748	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.15	95	90361	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25955	20.75	ug/l	100
3) Chloromethane	1.32	50	26747	20.30	ug/l	93
4) Vinyl Chloride	1.41	62	29595	21.25	ug/l	98
5) Bromomethane	1.65	94	24755	14.88	ug/l	96
6) Chloroethane	1.73	64	18996	24.04	ug/l	94
7) Trichlorofluoromethane	1.93	101	51532	20.50	ug/l	99
8) Diethyl Ether	2.20	74	18120	20.17	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29048	20.73	ug/l	98
10) Methyl Iodide	2.52	142	26779	21.91	ug/l	99
11) Tert butyl alcohol	3.07	59	55254	108.41	ug/l	99
12) 1,1-Dichloroethene	2.38	96	24854	20.20	ug/l	97
13) Acrolein	2.30	56	15656	105.18	ug/l	100
14) Allyl chloride	2.73	41	47505	21.80	ug/l	99
15) Acrylonitrile	3.15	53	109612	106.19	ug/l	99
16) Acetone	2.45	43	128068	103.90	ug/l	97
17) Carbon Disulfide	2.58	76	66205	20.24	ug/l	96
18) Methyl Acetate	2.78	43	56812	21.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	96239	21.15	ug/l	97
20) Methylene Chloride	2.87	84	29722	20.88	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	27379	19.95	ug/l	92
22) Diisopropyl ether	3.88	45	75401	19.60	ug/l	97
23) Vinyl Acetate	3.83	43	415756	114.03	ug/l	98
24) 1,1-Dichloroethane	3.70	63	52866	21.86	ug/l	100
25) 2-Butanone	4.71	43	147913	106.76	ug/l	99
26) 2,2-Dichloropropane	4.59	77	37098	21.89	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	26237	20.45	ug/l	99
28) Bromochloromethane	5.03	49	20813	20.87	ug/l	99
29) Tetrahydrofuran	5.18	42	93114	109.24	ug/l	97
30) Chloroform	5.23	83	48333	21.33	ug/l	98
31) Cyclohexane	5.59	56	37804	20.22	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	42017	20.55	ug/l	100
36) 1,1-Dichloropropene	5.81	75	35212	19.97	ug/l	100
37) Ethyl Acetate	4.88	43	49801	20.68	ug/l	98
38) Carbon Tetrachloride	5.79	117	35946	19.44	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	42961	20.04	ug/l	98
40) Benzene	6.15	78	105825	20.67	ug/l	100
41) Methacrylonitrile	5.07	41	25582	20.15	ug/l	100
42) 1,2-Dichloroethane	6.21	62	42072	20.94	ug/l	99
43) Isopropyl Acetate	6.48	43	74307	20.73	ug/l	99
44) Trichloroethene	7.23	130	29158	19.88	ug/l	95
45) 1,2-Dichloropropane	7.52	63	28203	21.52	ug/l	96
46) Dibromomethane	7.67	93	21010	20.43	ug/l	97
47) Bromodichloromethane	7.91	83	39161	21.64	ug/l	93
48) Methyl methacrylate	7.79	41	36982	21.25	ug/l	99
49) 1,4-Dioxane	7.77	88	15051	411.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	290537	104.71	ug/l	99
52) Toluene	8.79	92	71300	19.92	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	43909	20.94	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	41737	20.52	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	30345	20.62	ug/l	94
56) Ethyl methacrylate	9.19	69	45175	20.26	ug/l	99
57) 1,3-Dichloropropane	9.38	76	51050	21.69	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	113406	105.95	ug/l	99
59) 2-Hexanone	9.51	43	242363	102.87	ug/l	100
60) Dibromochloromethane	9.59	129	31168	20.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32263	20.44	ug/l	99
64) Tetrachloroethene	9.34	164	29830	20.72	ug/l	90
65) Chlorobenzene	10.15	112	81388	19.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28719	20.48	ug/l	99
67) Ethyl Benzene	10.26	91	142245	20.33	ug/l	99
68) m/p-Xylenes	10.37	106	107501	39.04	ug/l	98
69) o-Xylene	10.71	106	53466	20.05	ug/l	97
70) Styrene	10.72	104	86036	19.50	ug/l	99
71) Bromoform	10.87	173	23541	19.35	ug/l #	94
73) Isopropylbenzene	11.02	105	145150	22.00	ug/l	99
74) N-amyl acetate	6.48	43	74307	24.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	52467	22.49	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	47222m	22.07	ug/l	
77) Bromobenzene	11.26	156	35136	19.99	ug/l	94
78) n-propylbenzene	11.37	91	166611	21.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	95484	21.01	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	121231	21.86	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	14019	21.21	ug/l	92
82) 4-Chlorotoluene	11.52	91	114357	21.08	ug/l	100
83) tert-Butylbenzene	11.78	119	121411	21.70	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	124865	21.47	ug/l	100
85) sec-Butylbenzene	11.96	105	144821	20.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	129425	21.05	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	68229	20.53	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	69607	19.95	ug/l	98
89) n-Butylbenzene	12.40	91	117511	20.53	ug/l	99
90) Hexachloroethane	12.60	117	20839	21.54	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	69566	21.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14724	22.63	ug/l	93

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MSVOA_X
ClientSampleId :
VX0321WBS02

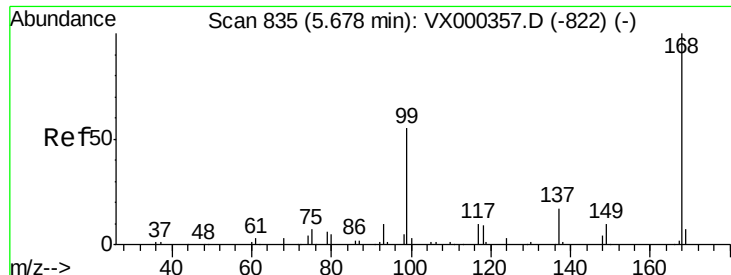
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	46837	20.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	20658	21.36	ug/l	97
95) Naphthalene	13.84	128	175804	21.61	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	48809	21.15	ug/l	99

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



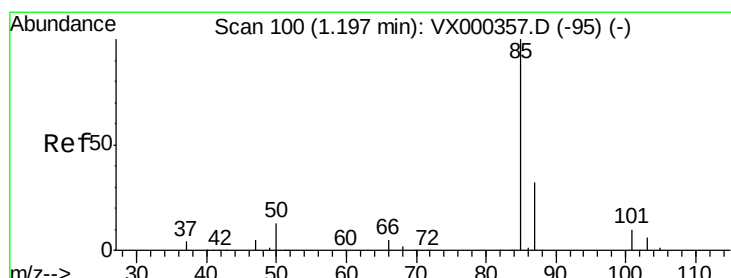
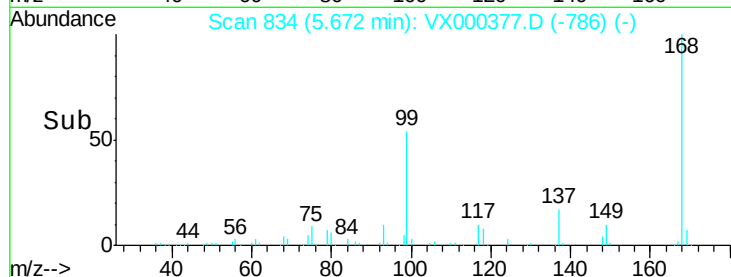
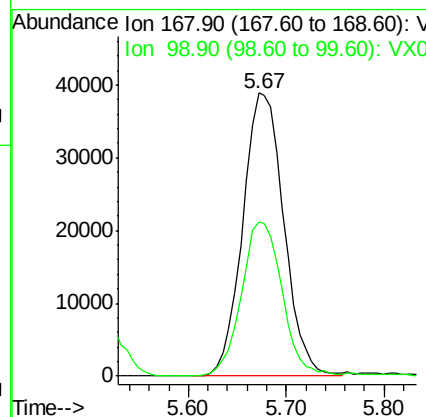
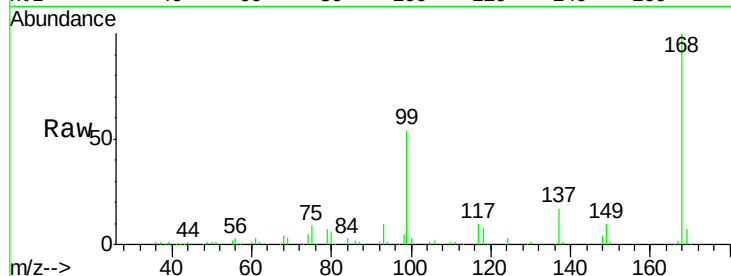
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.8	68.6

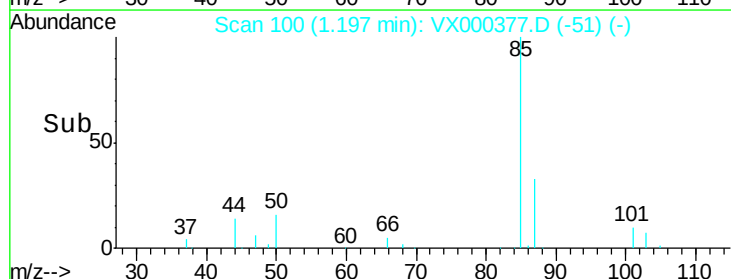
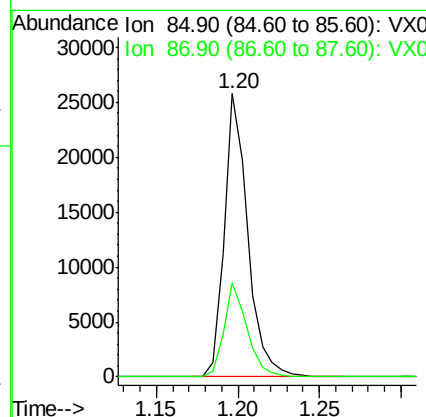
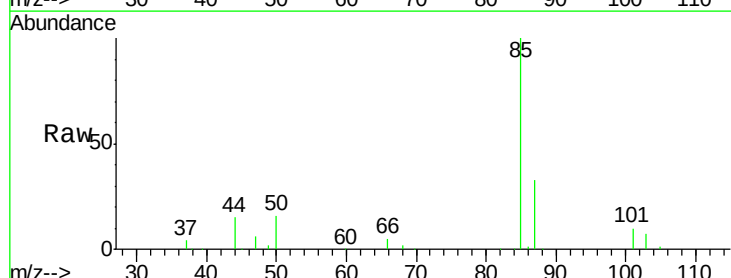
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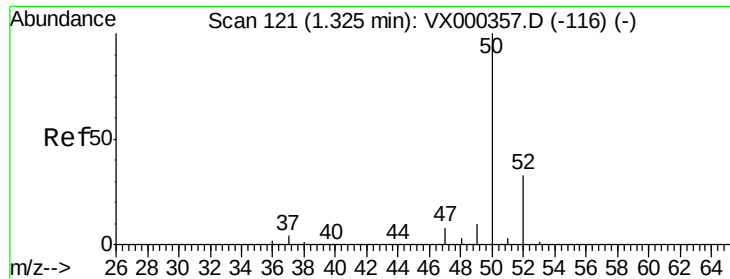
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#2
Dichlorodifluoromethane
Concen: 20.75 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.8	50.3





#3

Chloromethane

Concen: 20.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

Tot Ion: 50 Resp: 26747

Ion Ratio Lower Upper

50 100

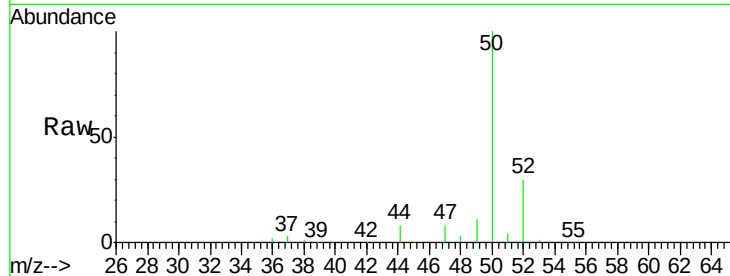
52 30.2 27.5 41.3

Manual Integrations

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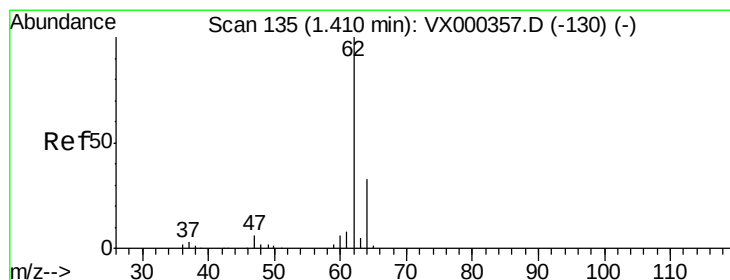
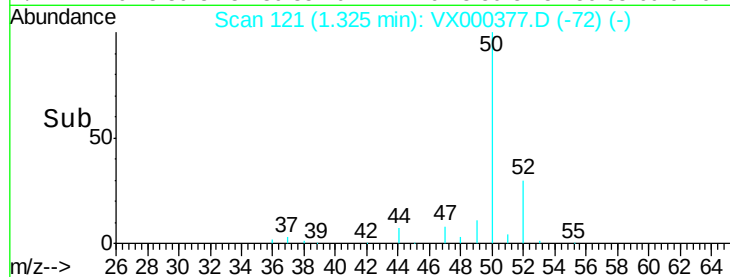
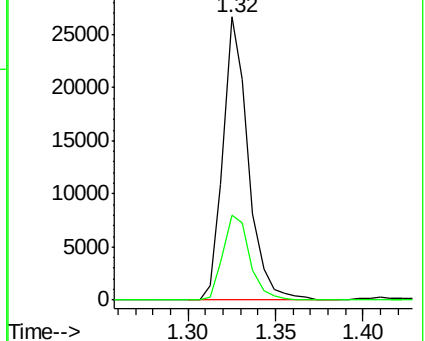
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.25 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000377.D

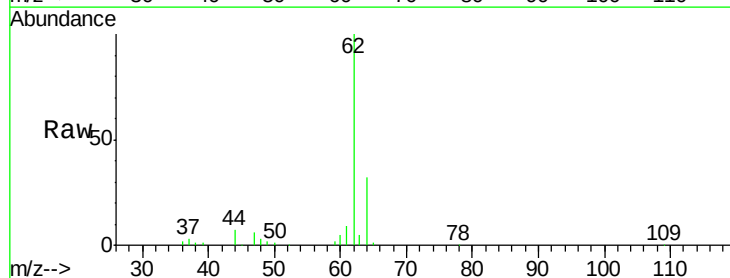
Acq: 21 Mar 2018 11:49

Tgt Ion: 62 Resp: 29595

Ion Ratio Lower Upper

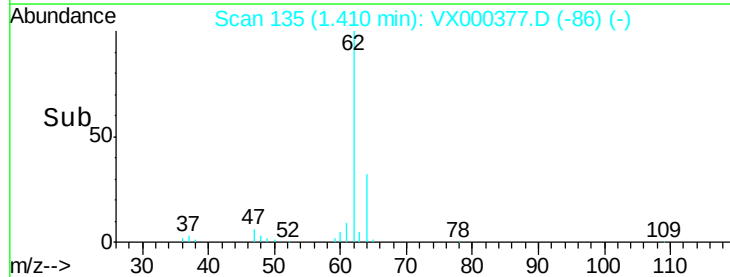
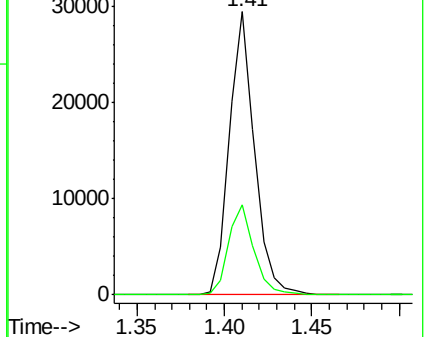
62 100

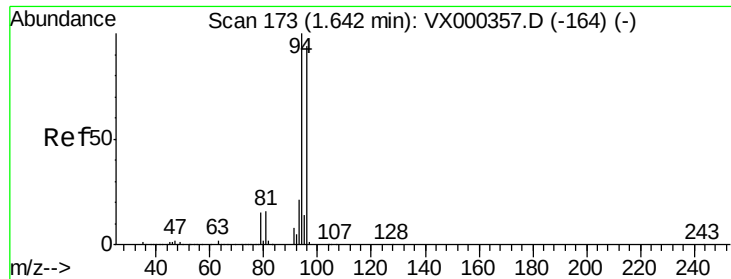
64 32.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.88 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

Tot Ion: 94 Resp: 24755

Ion Ratio Lower Upper

94 100

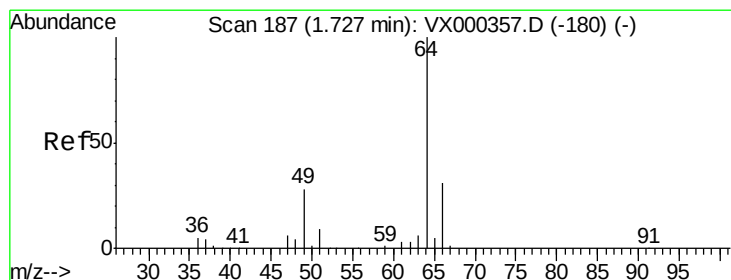
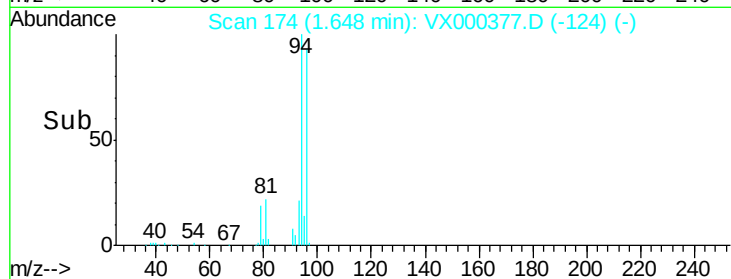
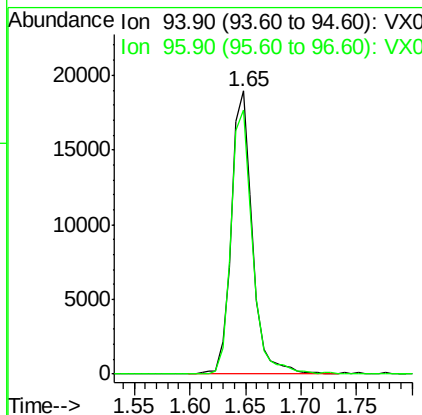
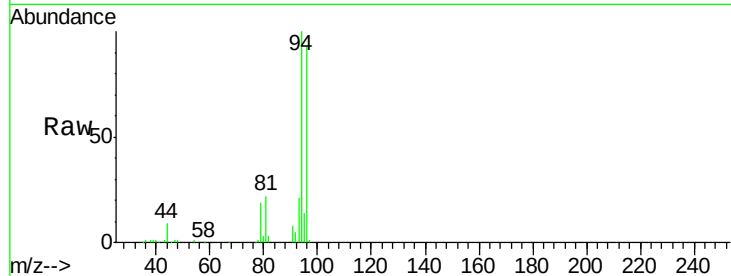
96 93.3 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 24.04 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000377.D

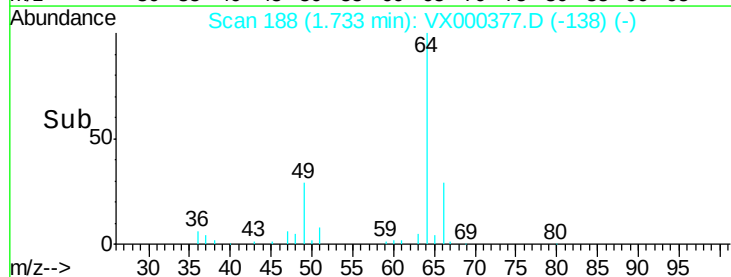
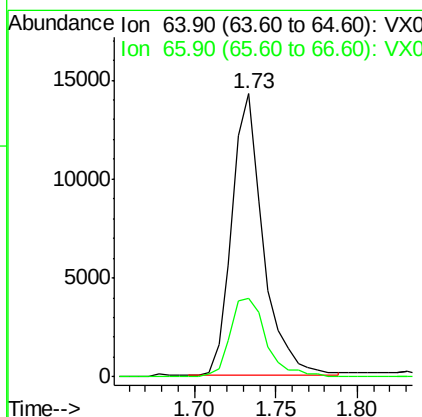
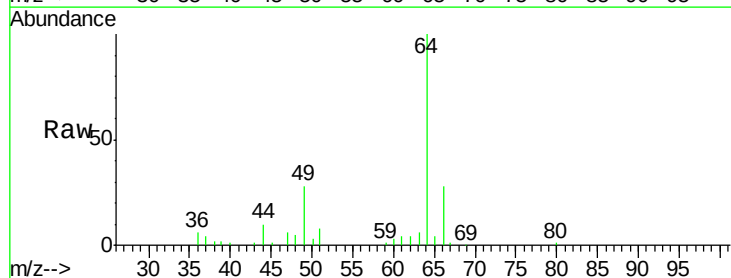
Acq: 21 Mar 2018 11:49

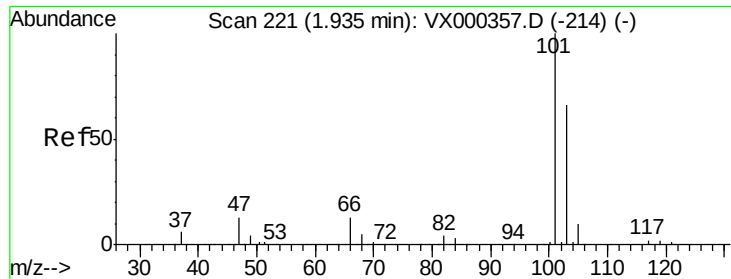
Tgt Ion: 64 Resp: 18996

Ion Ratio Lower Upper

64 100

66 27.9 24.8 37.2





#7

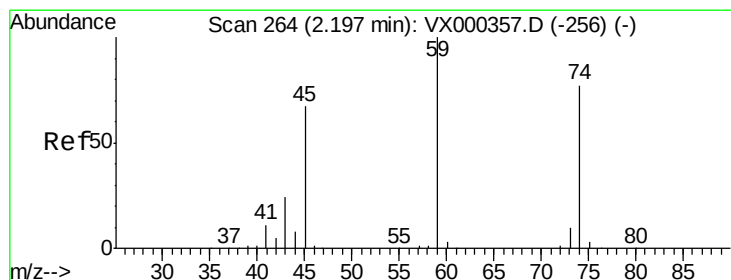
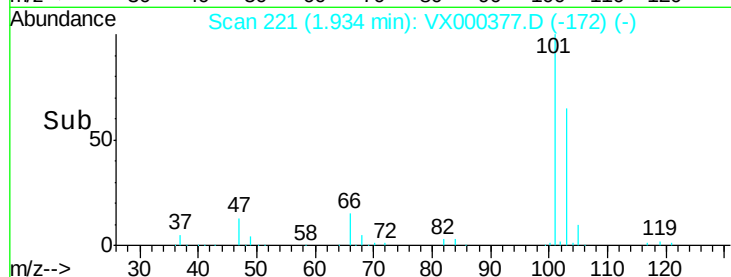
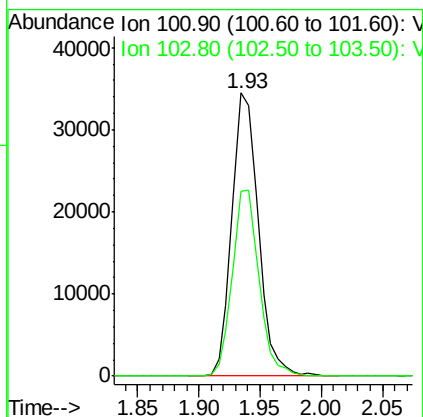
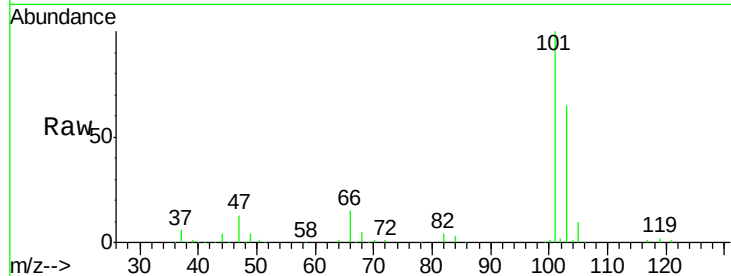
Trichlorofluoromethane
Concen: 20.50 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion:101 Resp: 51532
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

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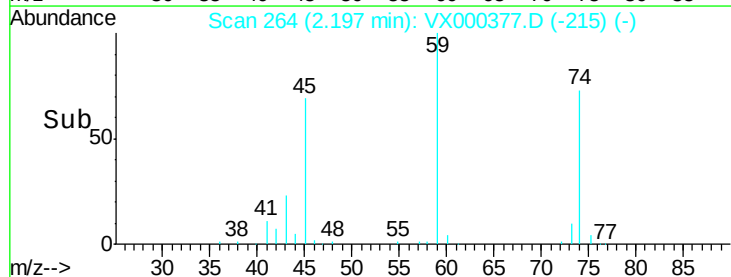
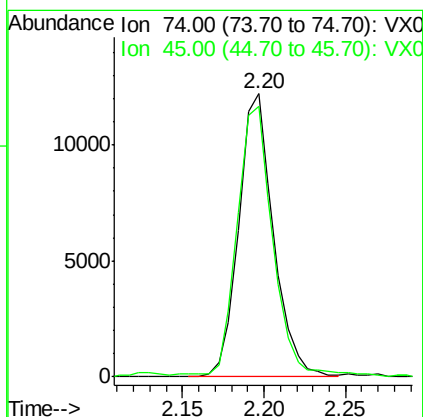
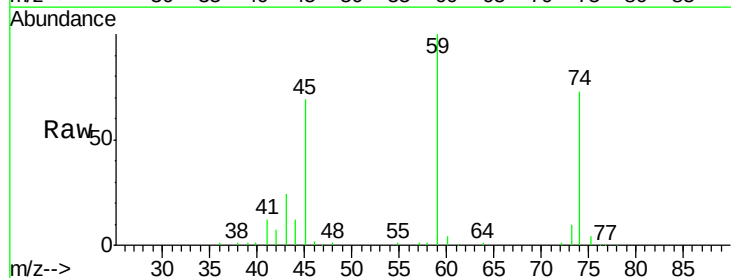
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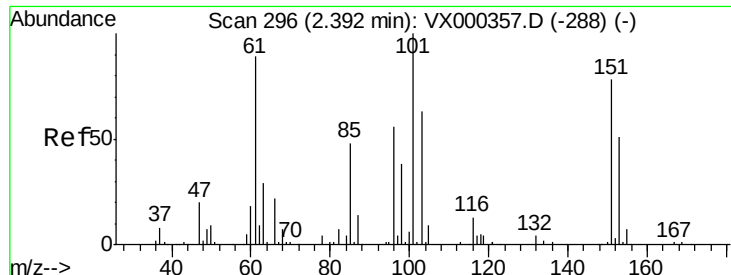


#8

Diethyl Ether
Concen: 20.17 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 74 Resp: 18120
Ion Ratio Lower Upper
74 100
45 99.2 45.1 135.3





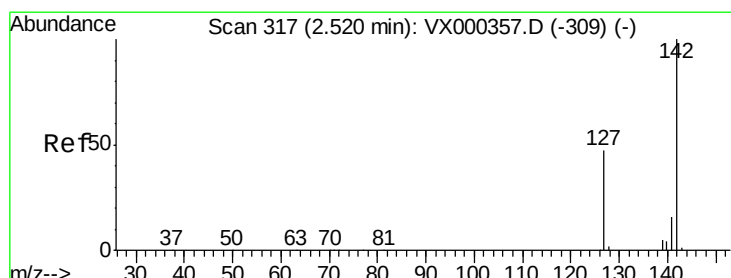
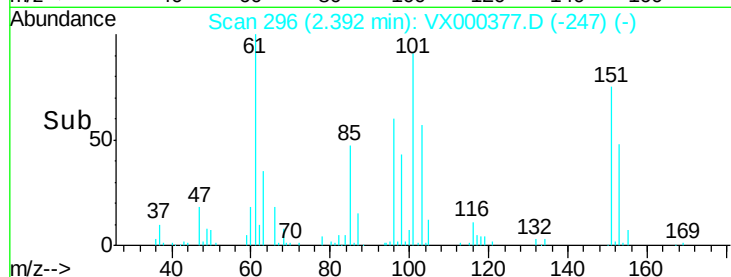
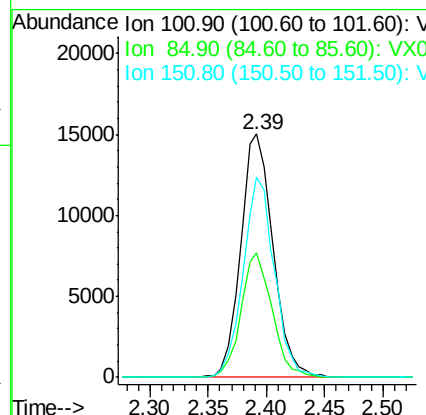
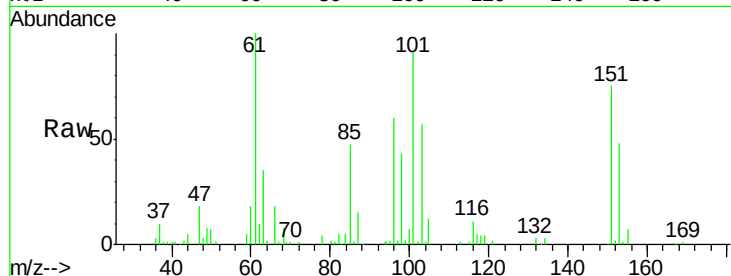
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.73 ug/l
RT: 2.39 min Scan# 296
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

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Tot Ion	Ratio	Lower	Upper
101	100		
85	49.1	37.6	56.4
151	79.8	62.6	93.8

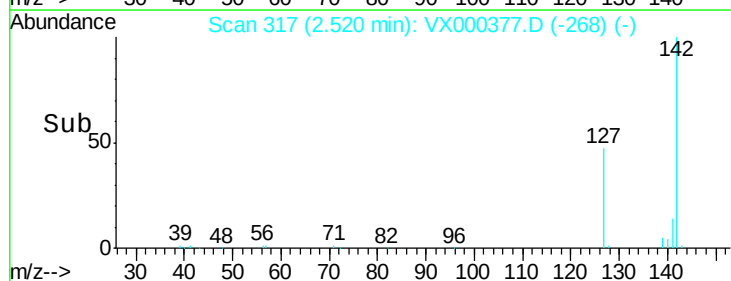
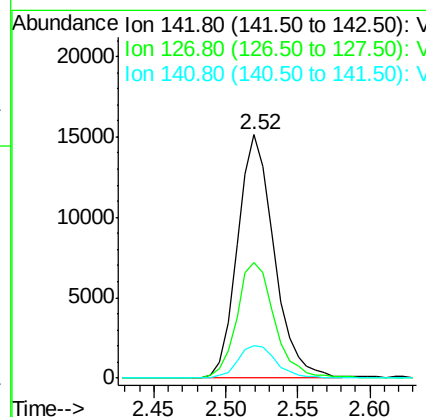
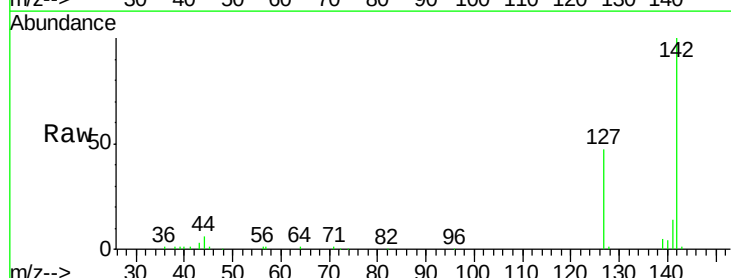
Manual Integrations
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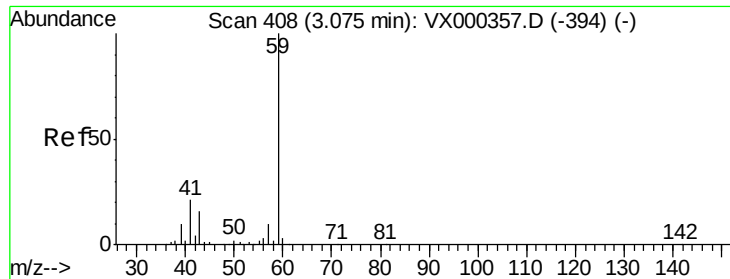
apatel
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#10
Methyl Iodide
Concen: 21.91 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.7	39.2	58.8
141	14.0	11.7	17.5





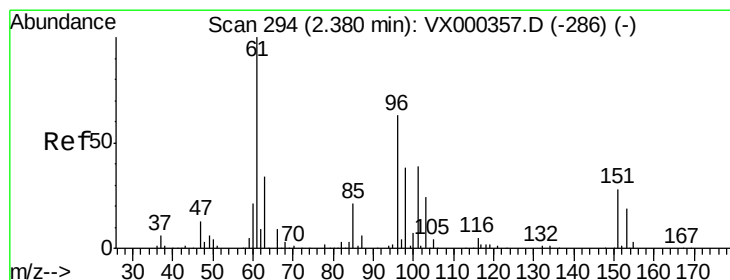
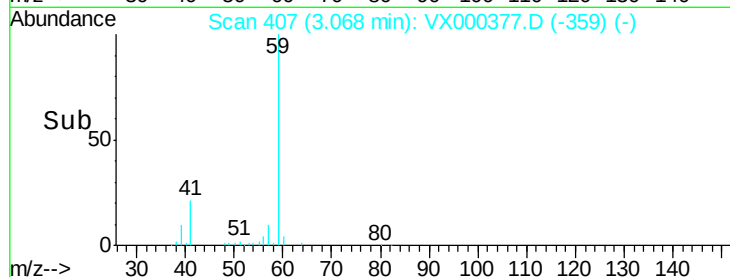
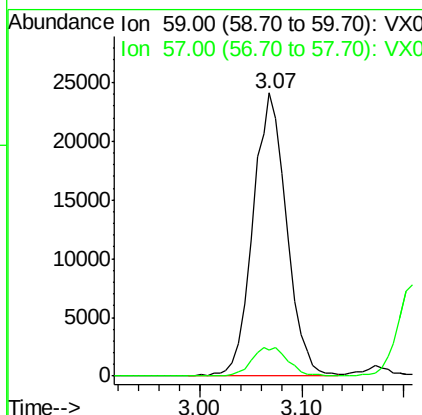
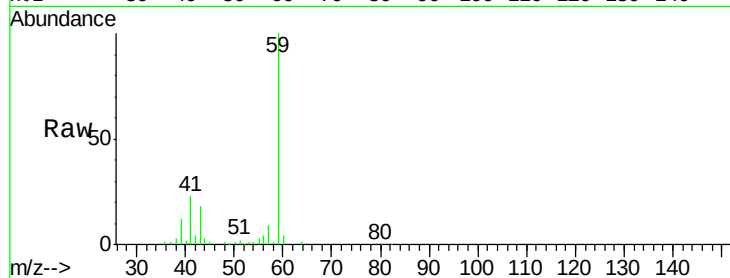
#11
Tert butyl alcohol
Concen: 108.41 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampled :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

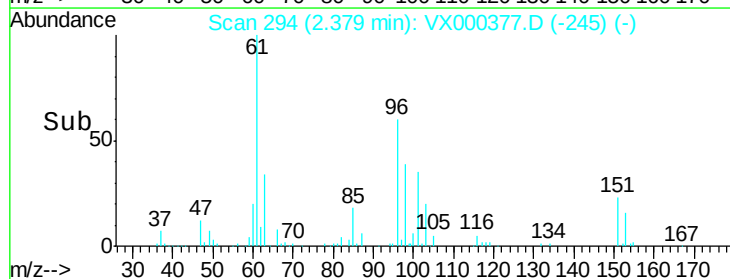
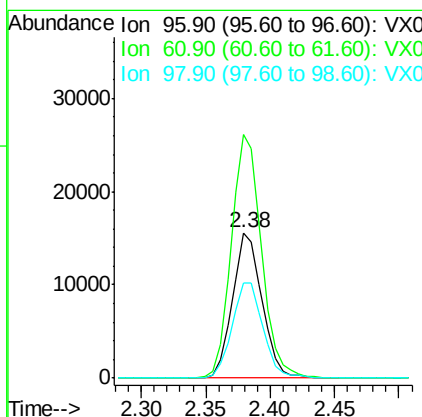
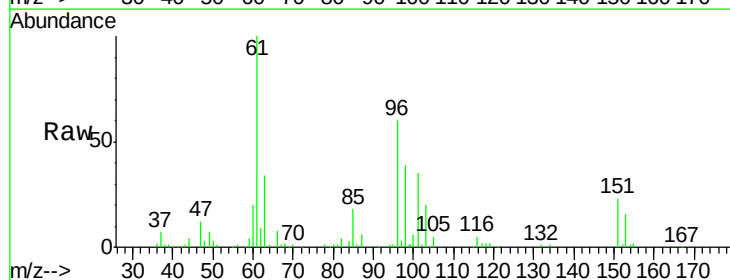
Manual Integrations
APPROVED

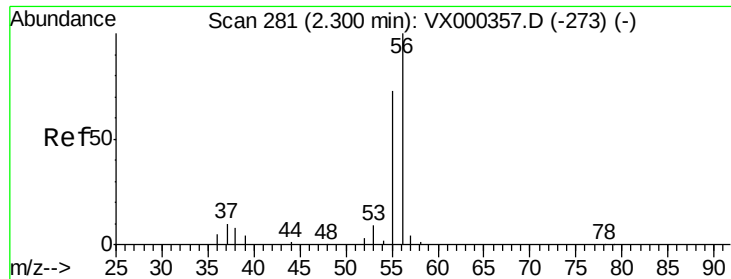
apatel
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#12
1,1-Dichloroethene
Concen: 20.20 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.4	131.2	196.8
98	65.7	49.8	74.8





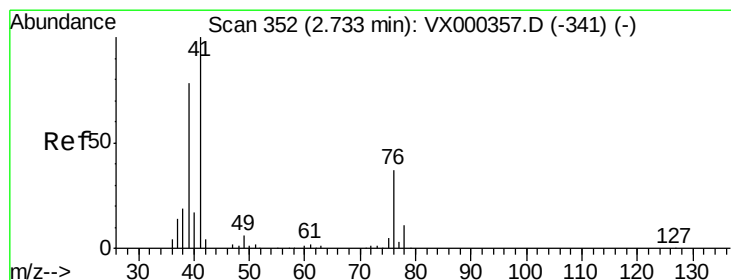
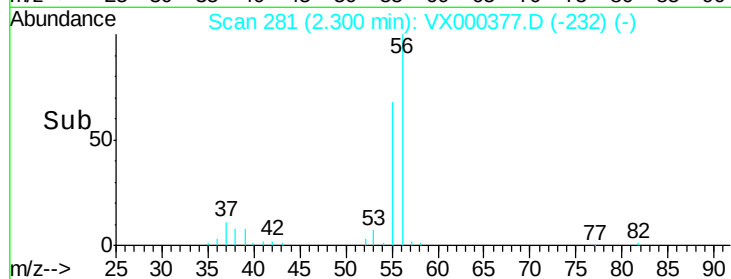
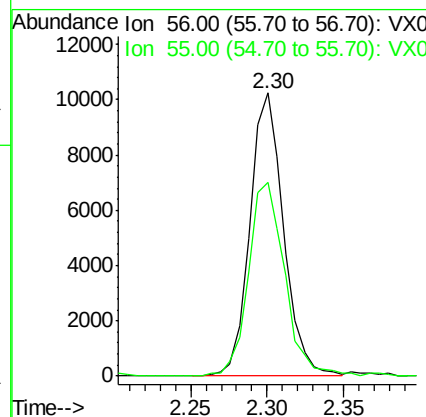
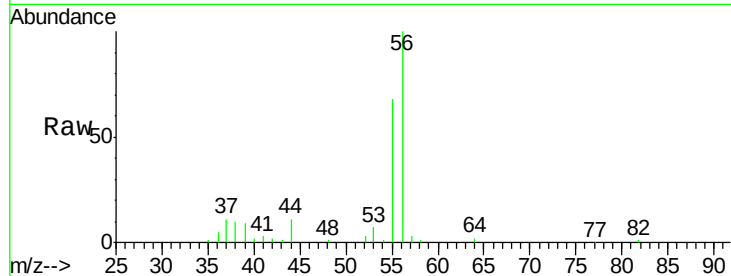
#13
 Acrolein
 Concen: 105.18 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.4	58.8	88.2

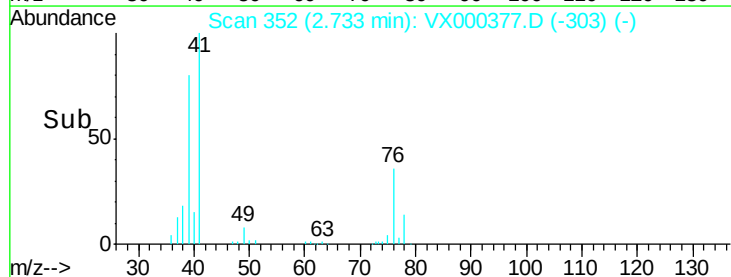
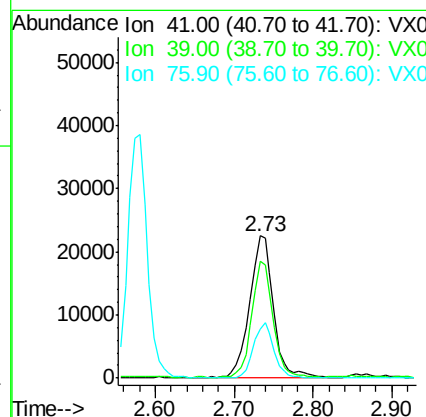
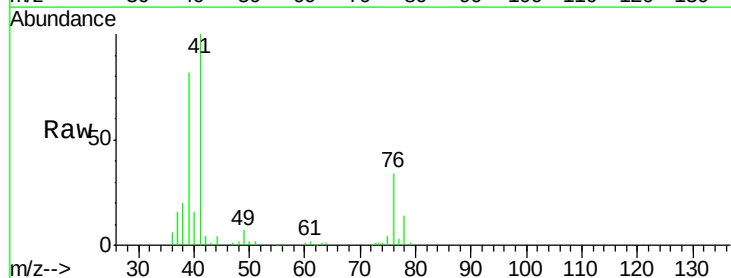
Manual Integrations
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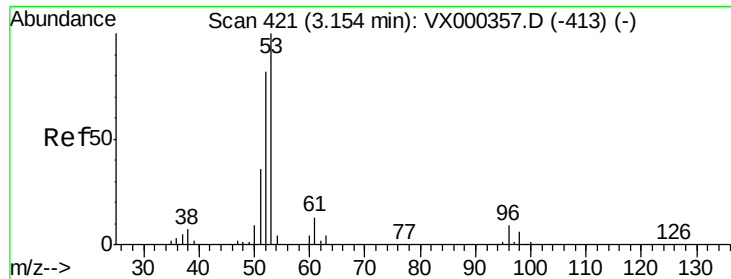
apatel
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#14
 Allyl chloride
 Concen: 21.80 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.5	57.6	86.4
76	33.3	27.3	40.9





#15

Acrylonitrile

Concen: 106.19 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

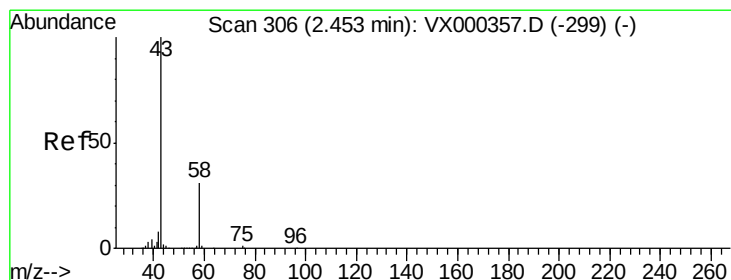
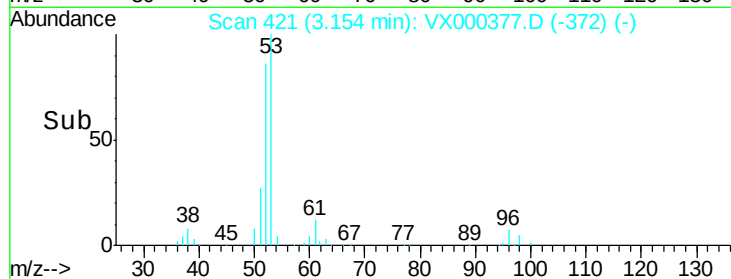
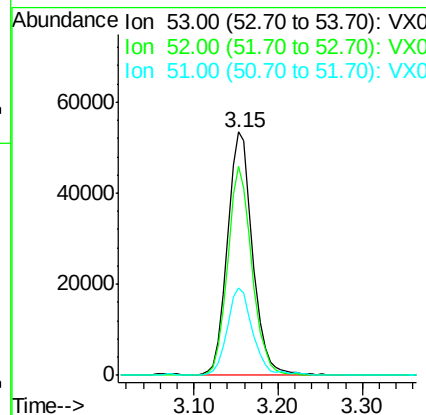
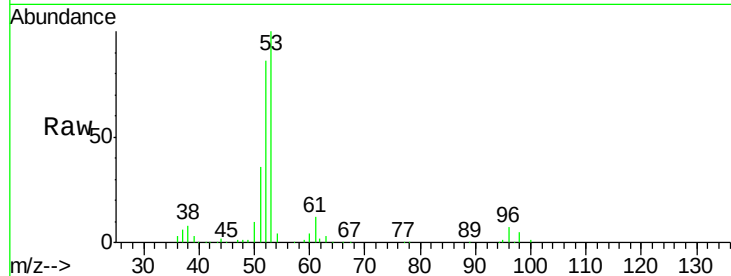
ClientSampleId :

VX0321WBS02

Tot Ion:	53	Resp:	109612
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.6	99.8
51	37.0	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 103.90 ug/l

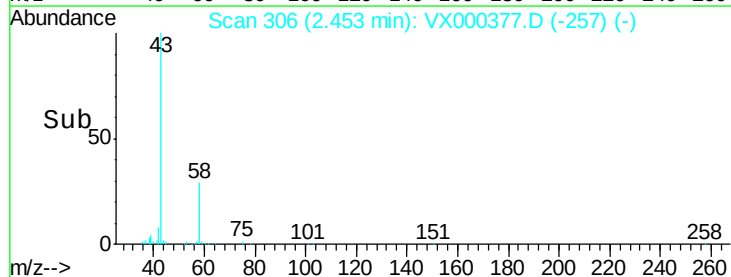
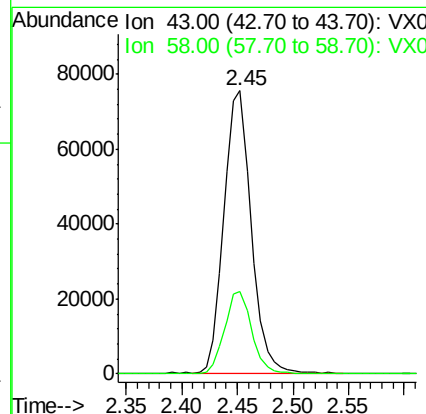
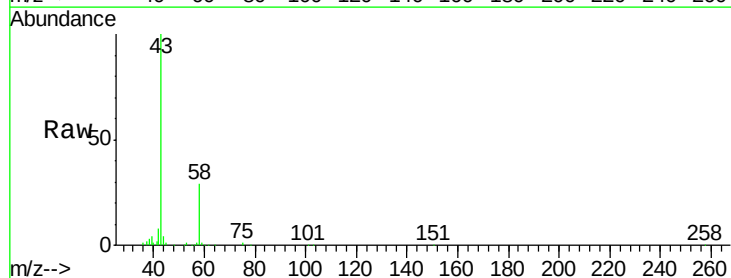
RT: 2.45 min Scan# 306

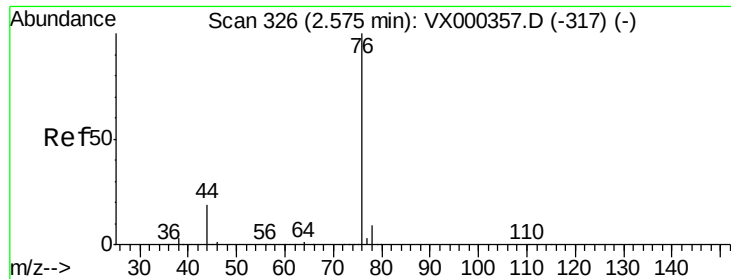
Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Tgt Ion:	43	Resp:	128068
Ion Ratio	Lower	Upper	
43	100		
58	29.1	24.7	37.1





#17

Carbon Disulfide

Concen: 20.24 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS02

Tot Ion: 76 Resp: 66205

Ion Ratio Lower Upper

76 100

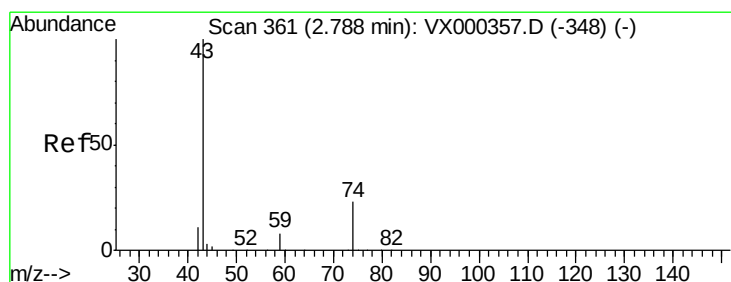
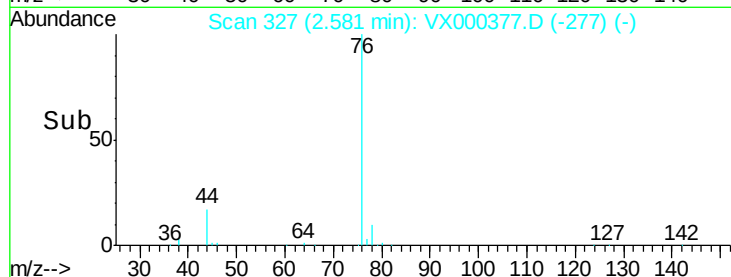
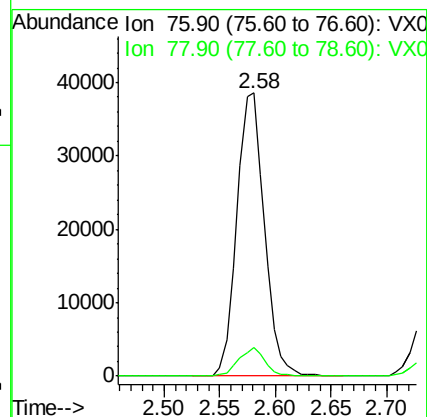
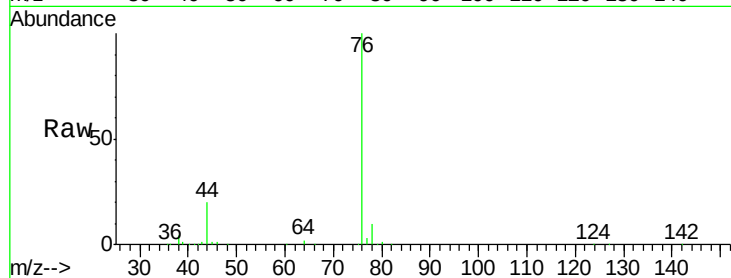
78 10.2 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 21.99 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000377.D

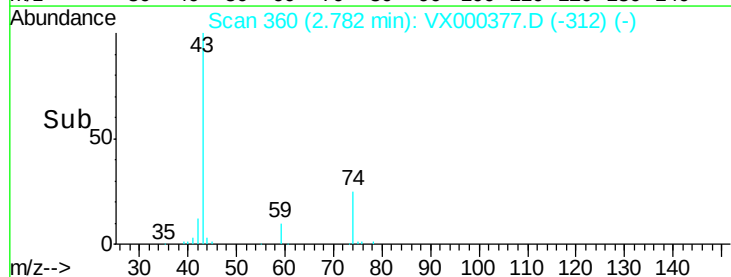
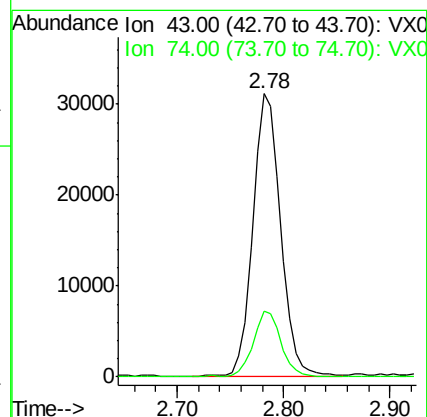
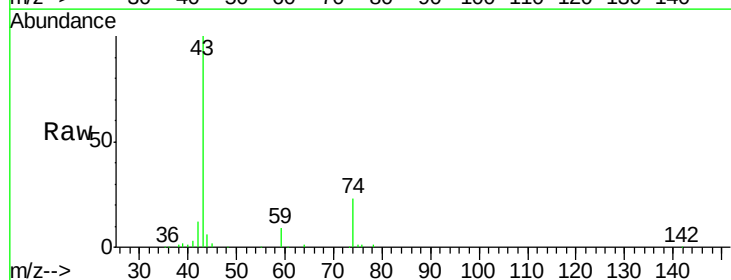
Acq: 21 Mar 2018 11:49

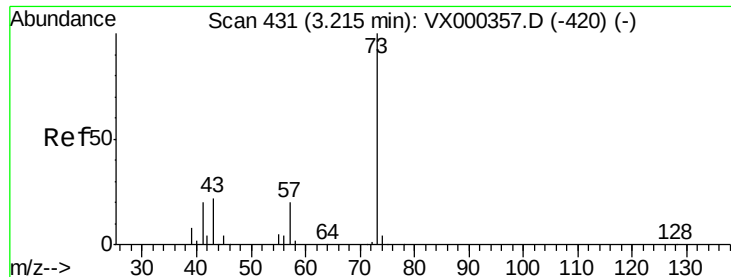
Tgt Ion: 43 Resp: 56812

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2





#19

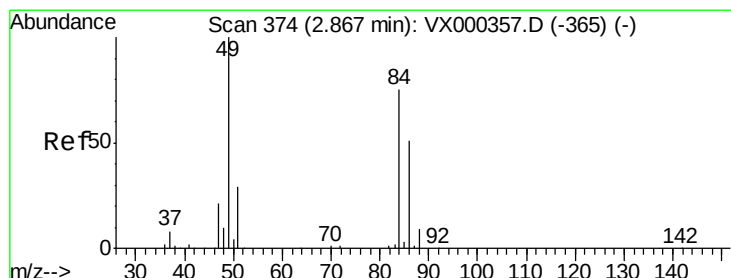
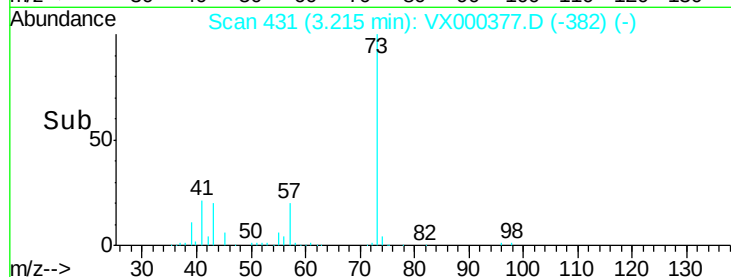
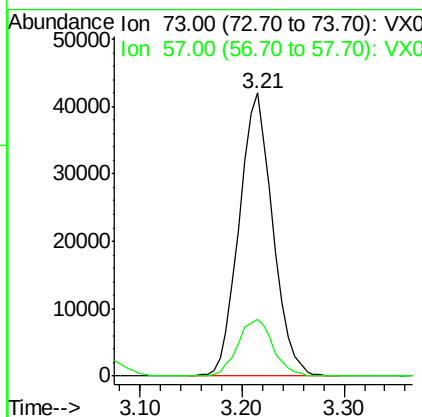
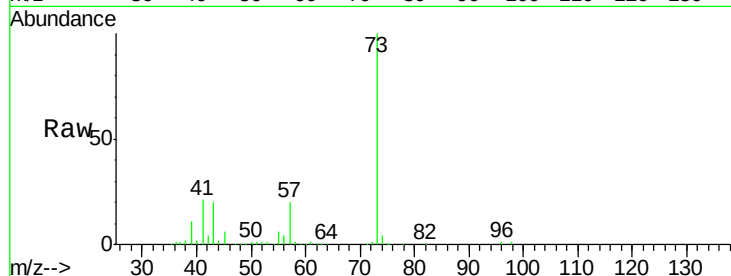
Methyl tert-butyl Ether
 Concen: 21.15 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.2	25.8

Manual Integrations
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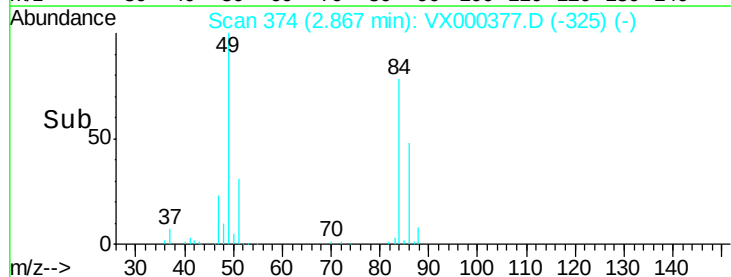
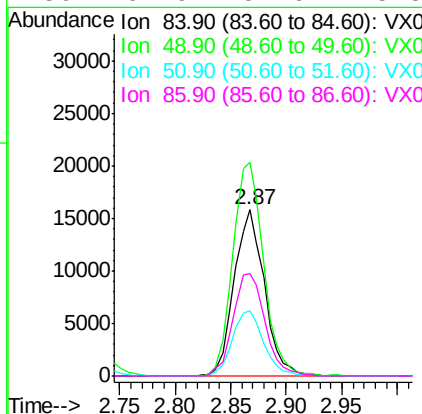
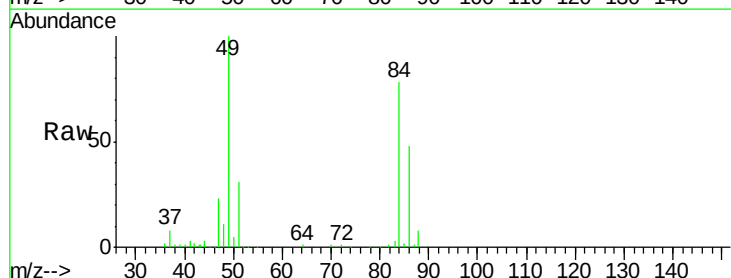
apatel
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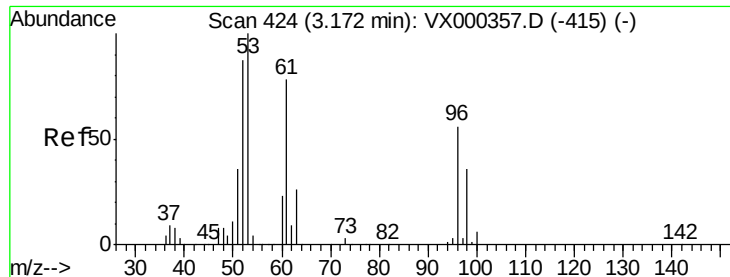


#20

Methylene Chloride
 Concen: 20.88 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.5	100.6	151.0
51	39.5	31.6	47.4
86	61.9	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 19.95 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS02

Tot Ion: 96 Resp: 27379

Ion Ratio Lower Upper

96 100

61 138.0 104.0 156.0

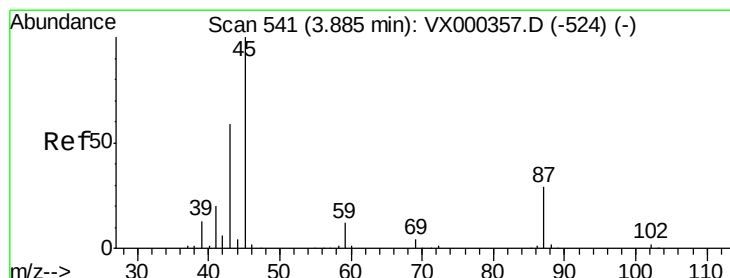
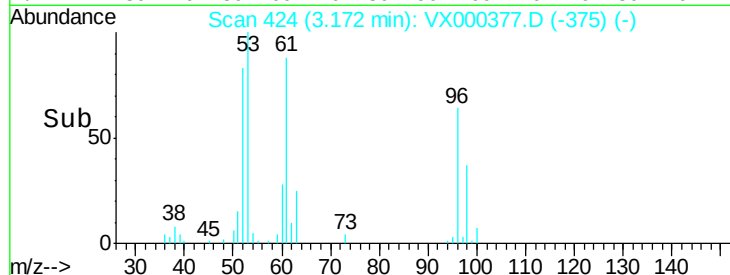
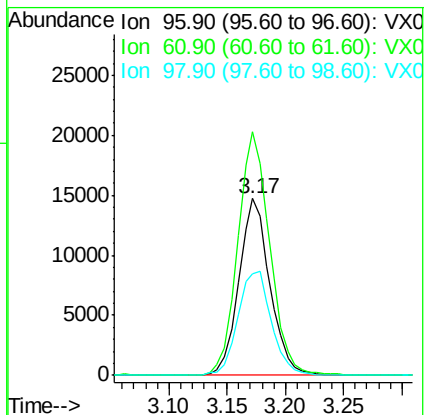
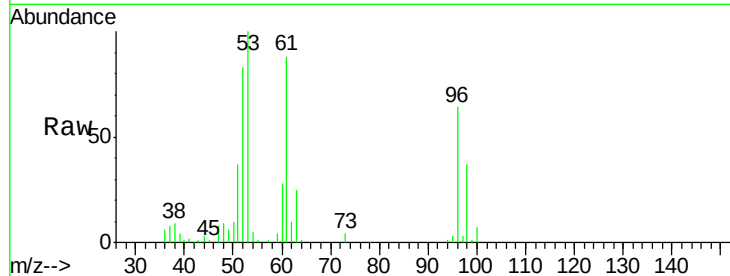
98 57.9 52.1 78.1

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.60 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Tgt Ion: 45 Resp: 75401

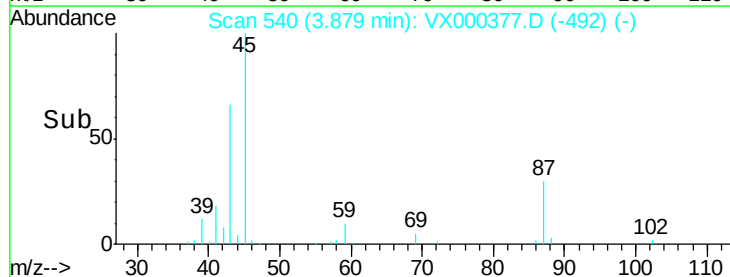
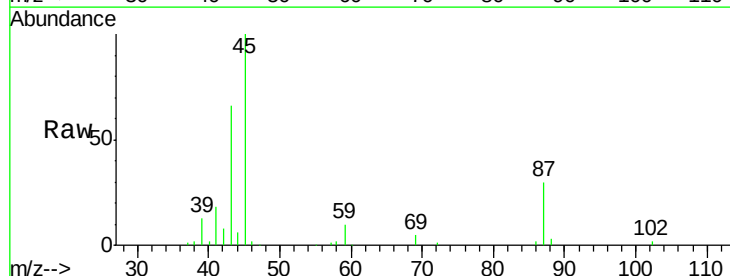
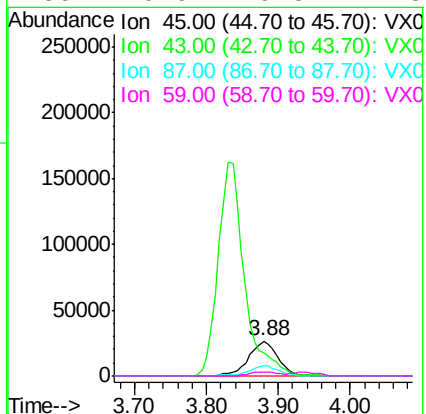
Ion Ratio Lower Upper

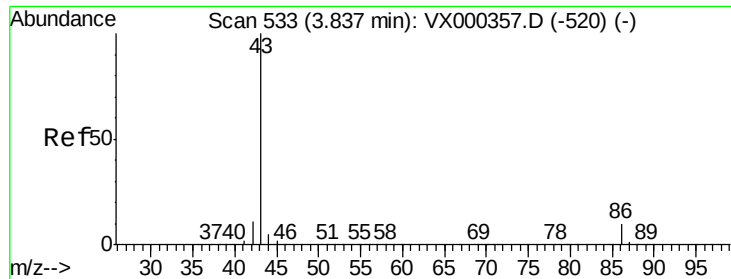
45 100

43 65.0 53.9 80.9

87 30.4 22.6 34.0

59 9.9 9.5 14.3





#23

Vinyl Acetate

Concen: 114.03 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS02

Tot Ion: 43 Resp: 415756

Ion Ratio Lower Upper

43 100

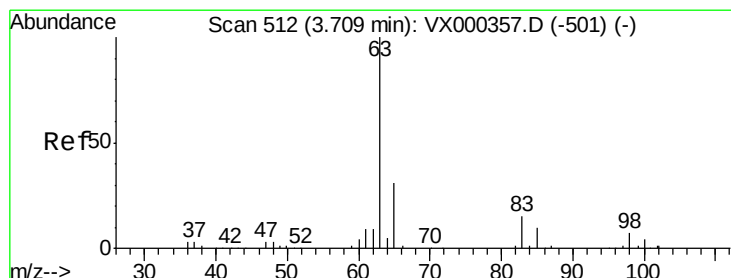
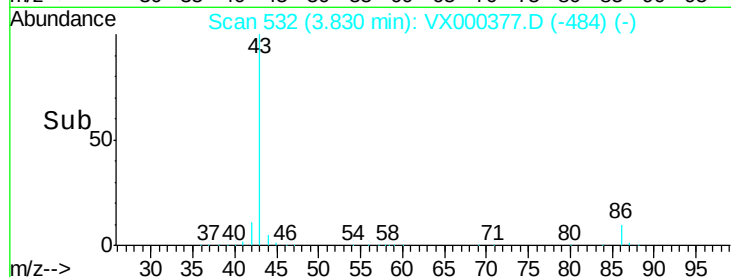
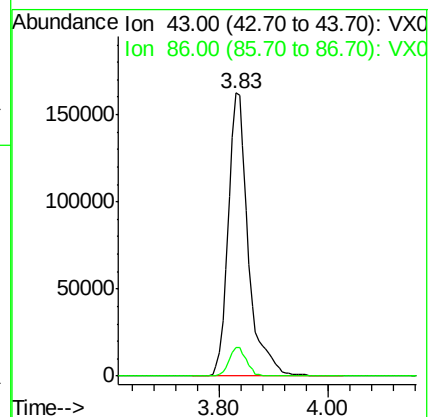
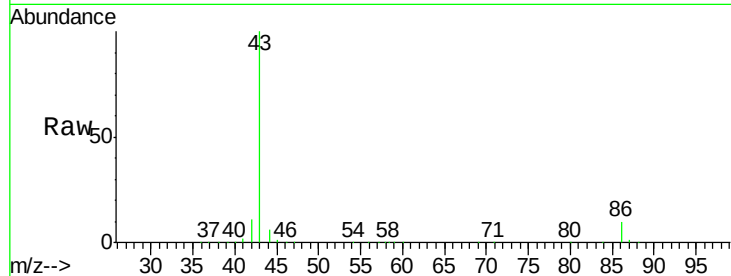
86 10.0 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

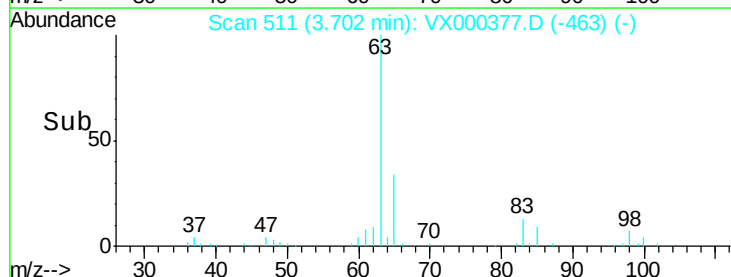
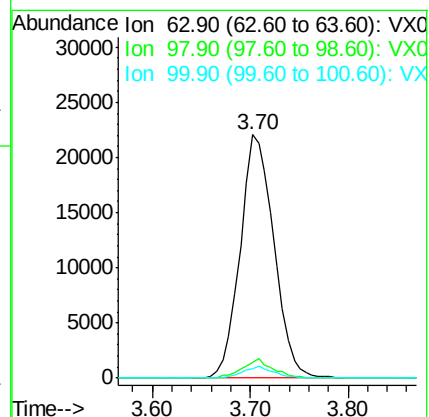
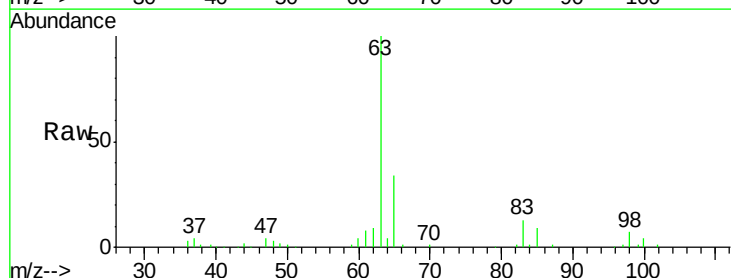
Tgt Ion: 63 Resp: 52866

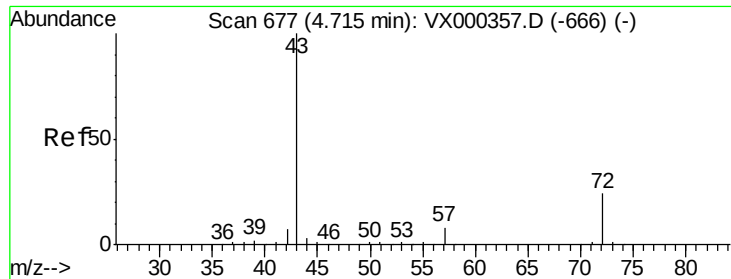
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 106.76 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

Tot Ion: 43 Resp: 147913

Ion Ratio Lower Upper

43 100

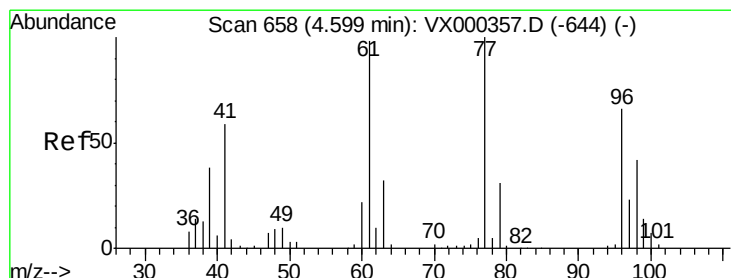
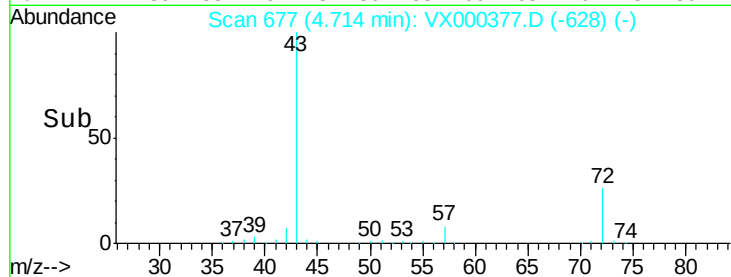
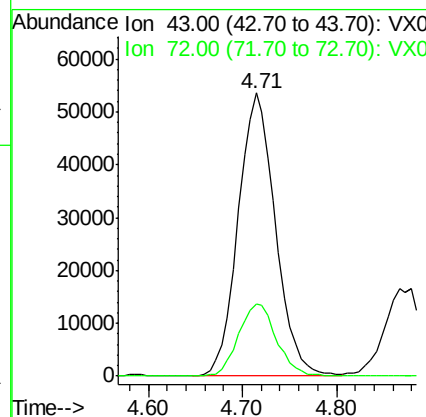
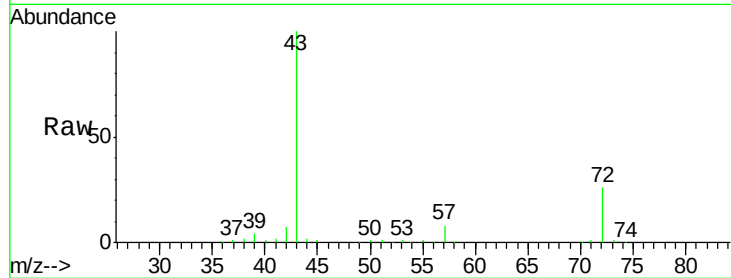
72 25.6 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.89 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000377.D

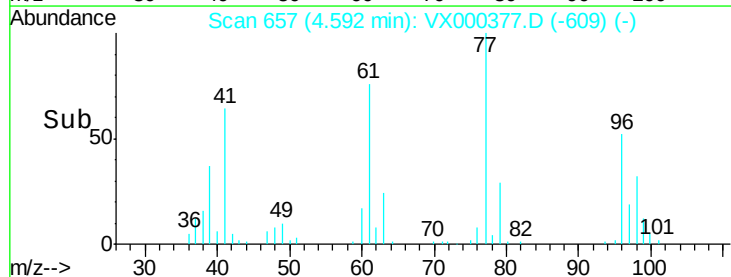
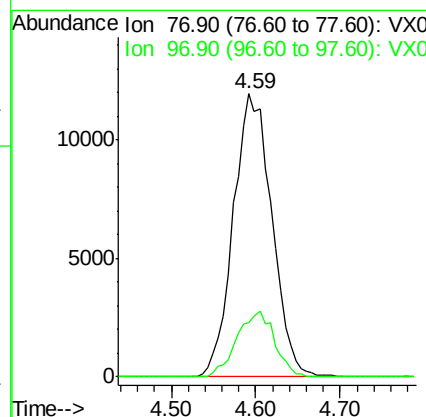
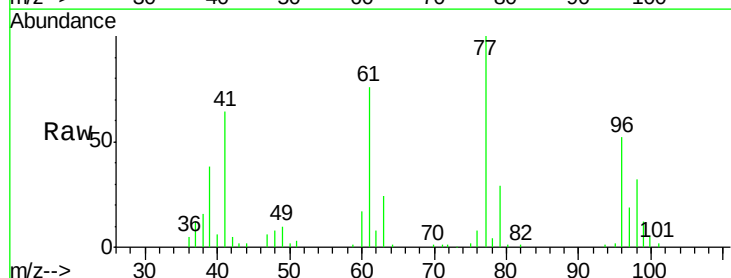
Acq: 21 Mar 2018 11:49

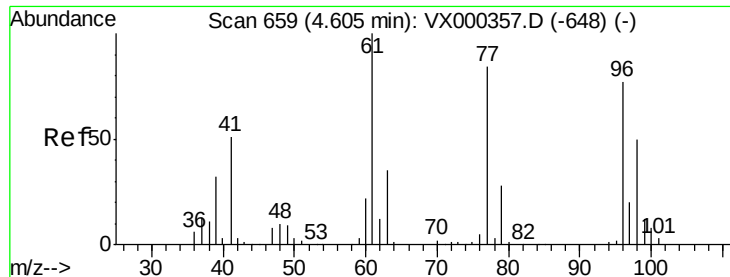
Tgt Ion: 77 Resp: 37098

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8





#27

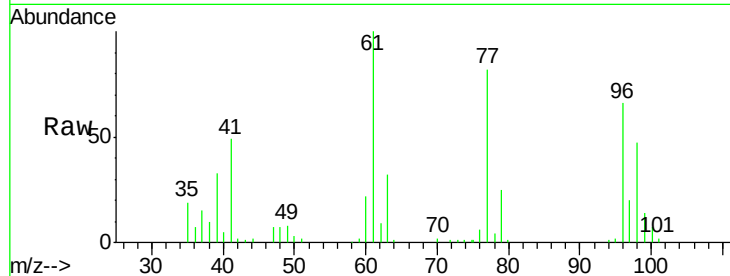
cis-1,2-Dichloroethene
Concen: 20.45 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

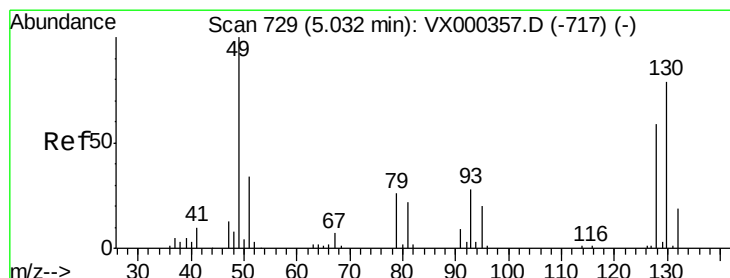
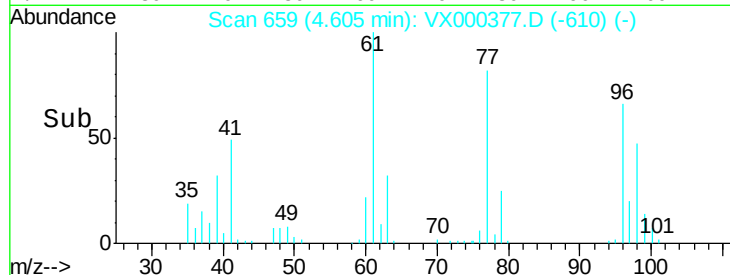
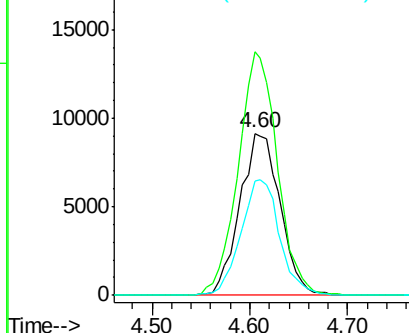
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	291.6
98	68.4	0.0	132.0

Manual Integrations
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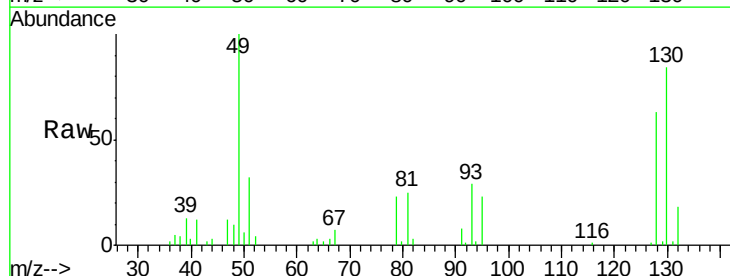
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



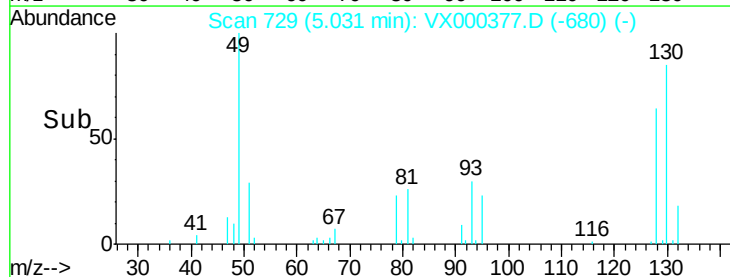
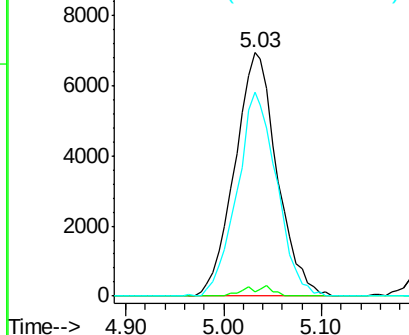
#28

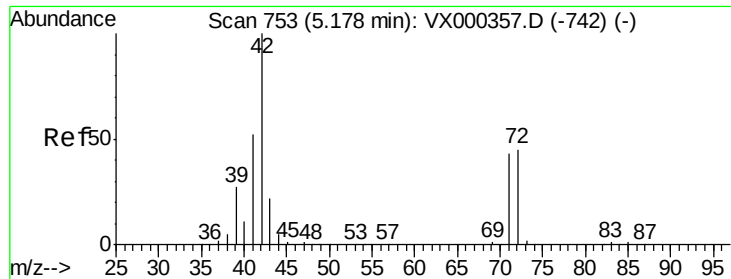
Bromochloromethane
Concen: 20.87 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.0
130	79.0	64.0	96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





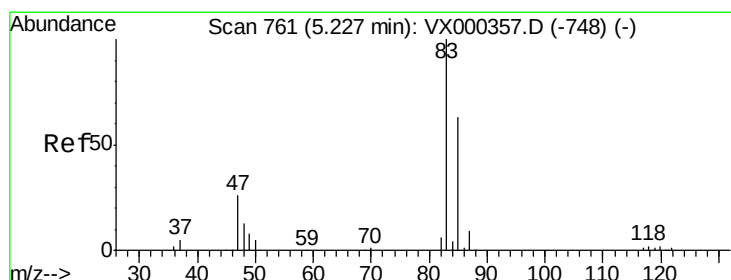
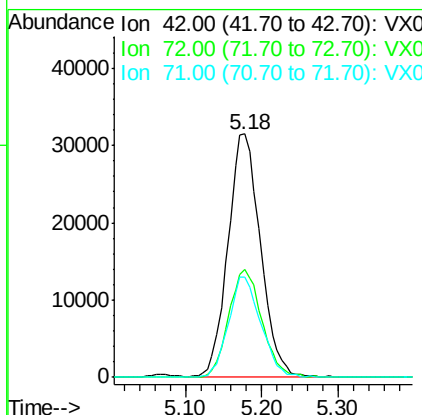
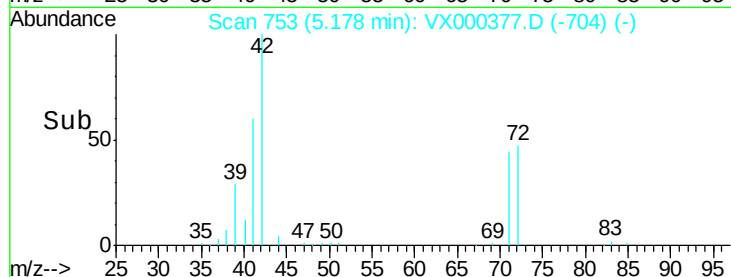
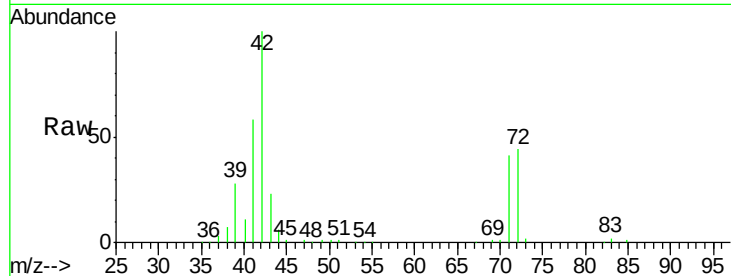
#29
Tetrahydrofuran
Concen: 109.24 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	37.9	56.9
71	41.1	34.4	51.6

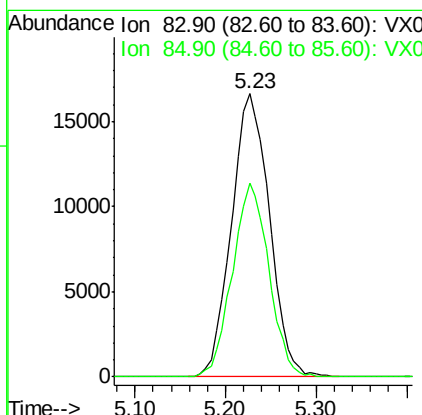
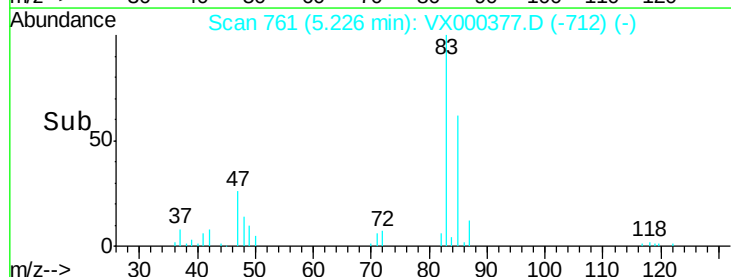
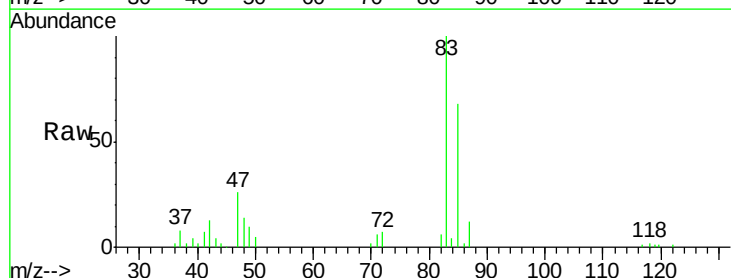
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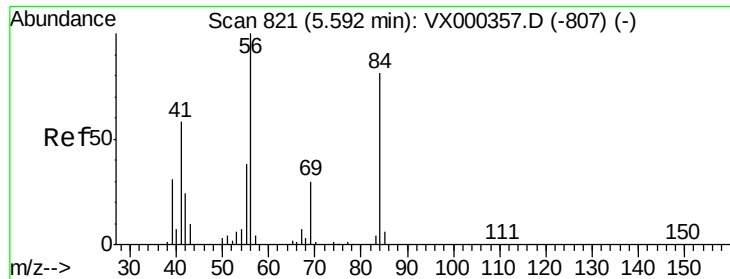
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#30
Chloroform
Concen: 21.33 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.5	53.3	79.9





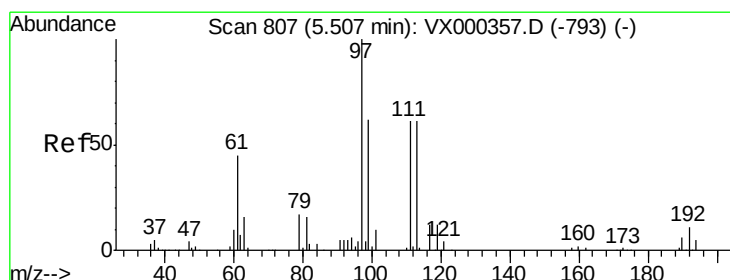
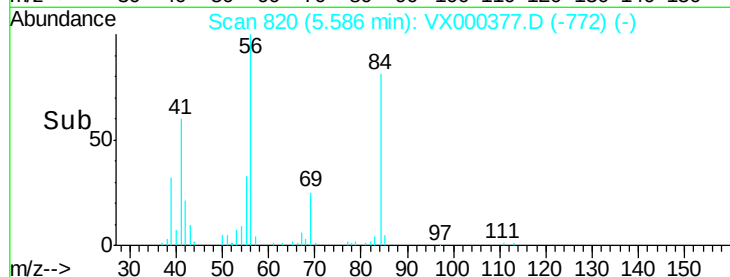
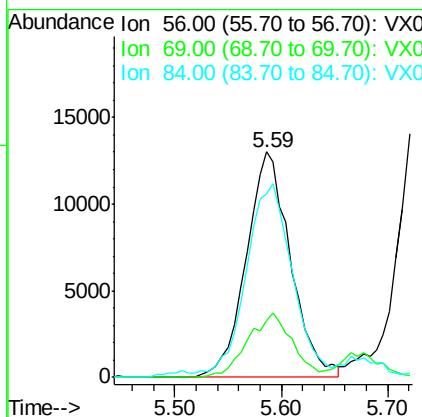
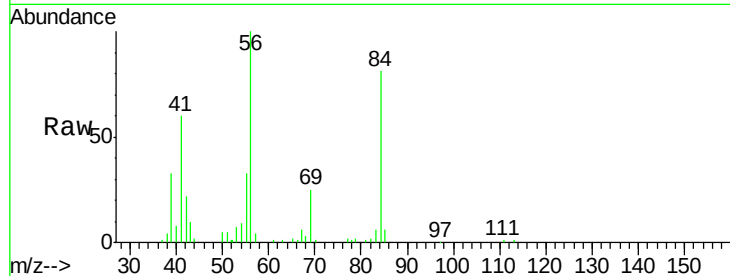
#31
Cyclohexane
Concen: 20.22 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	25.4	23.4	35.0
84	79.3	71.0	106.4

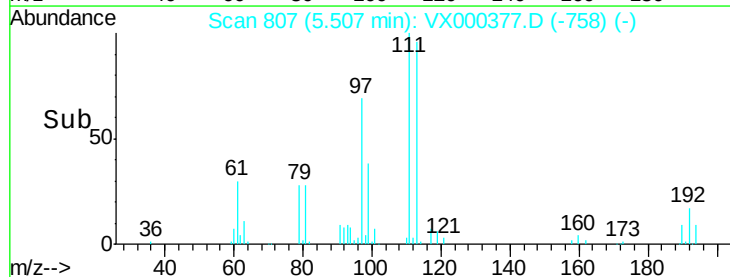
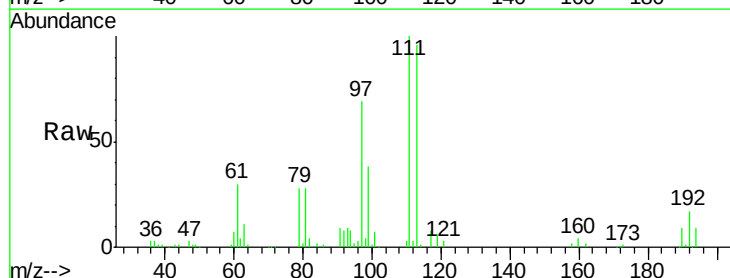
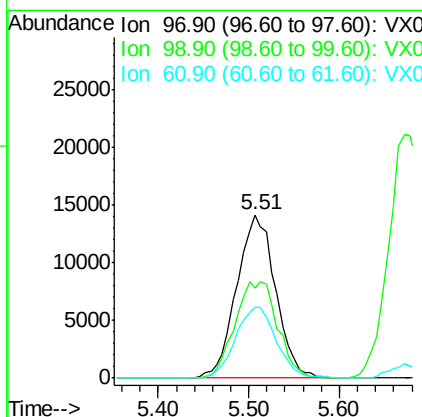
Manual Integrations
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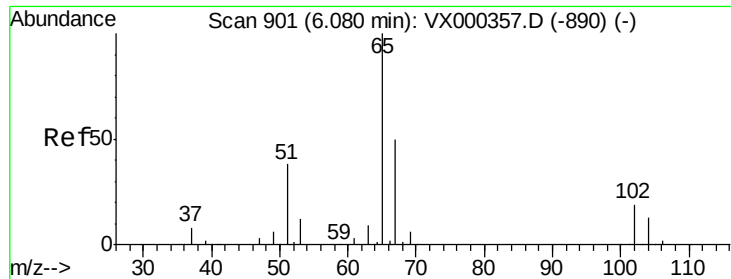
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#32
1,1,1-Trichloroethane
Concen: 20.55 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.1	78.1
61	45.7	36.2	54.4





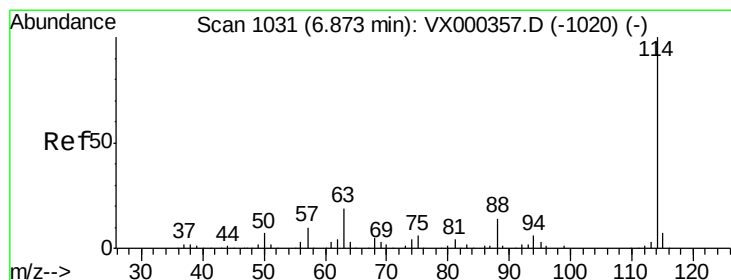
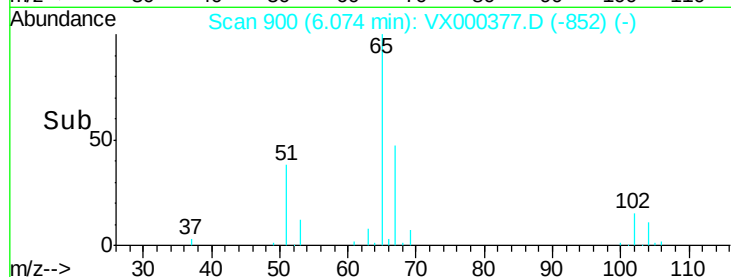
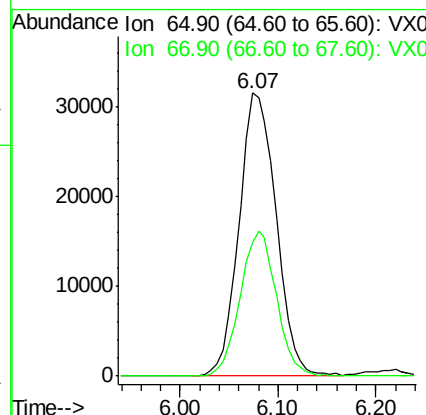
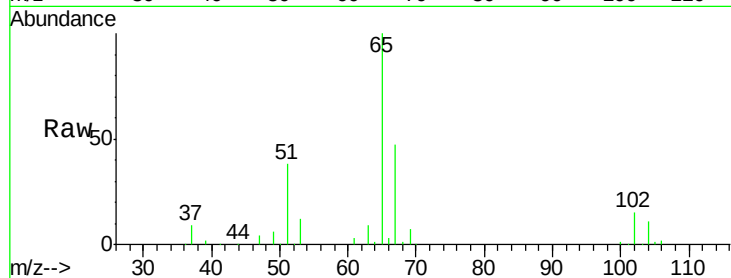
#33
 1,2-Dichloroethane-d4
 Concen: 55.89 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	82811		
67	50.2	0.0	103.2	

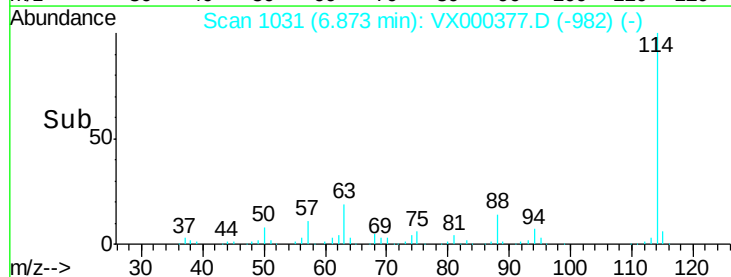
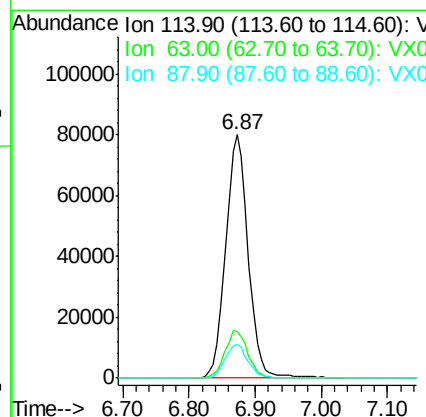
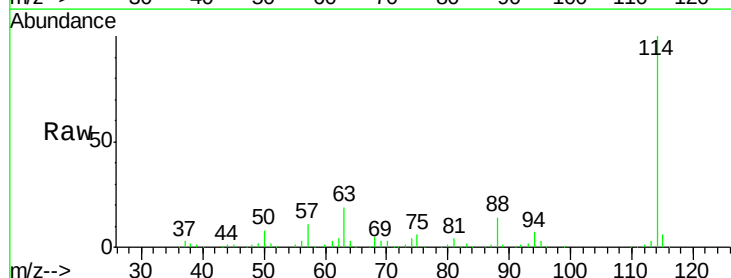
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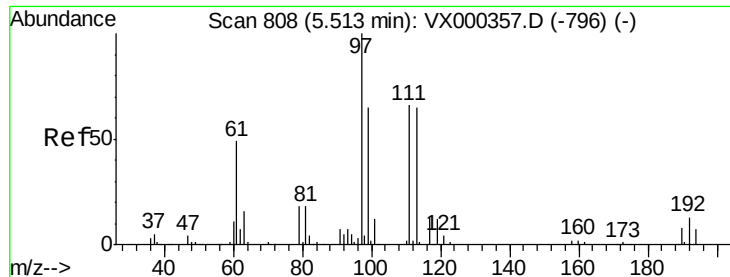
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	188203		
63	19.0	0.0	38.4	
88	14.0	0.0	27.0	





#35

Dibromofluoromethane

Concen: 51.79 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

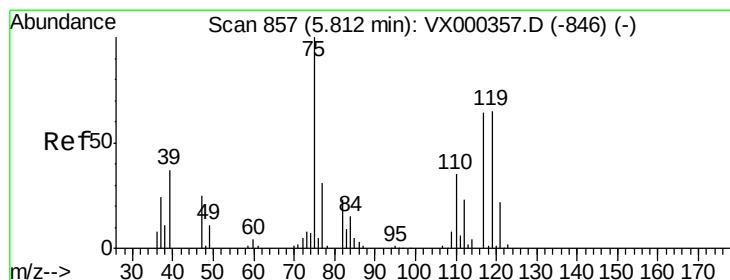
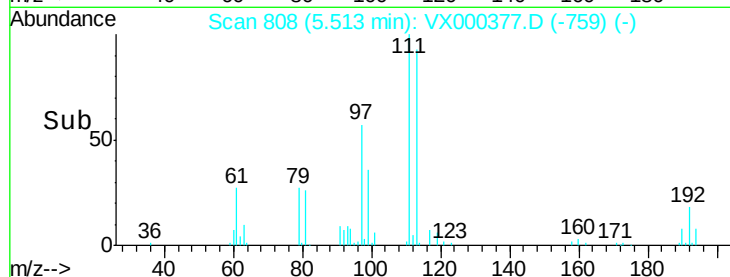
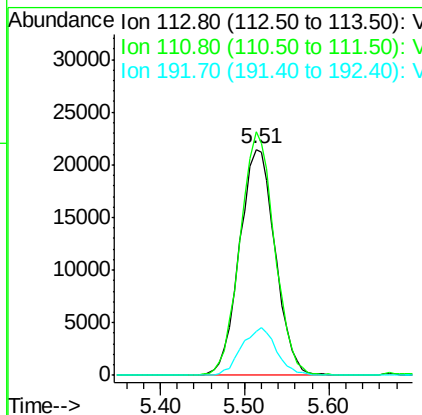
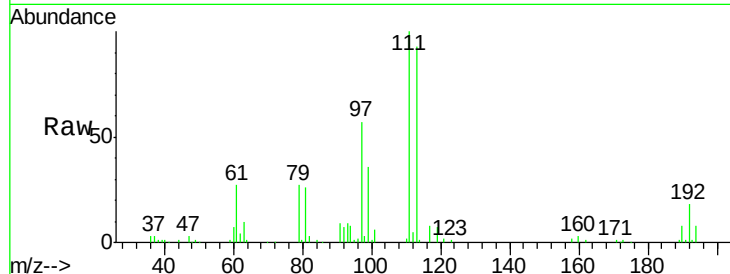
ClientSampled :

VX0321WBS02

Tot Ion:	113	Resp:	61420
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.4	123.6
192	20.5	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.97 ug/l

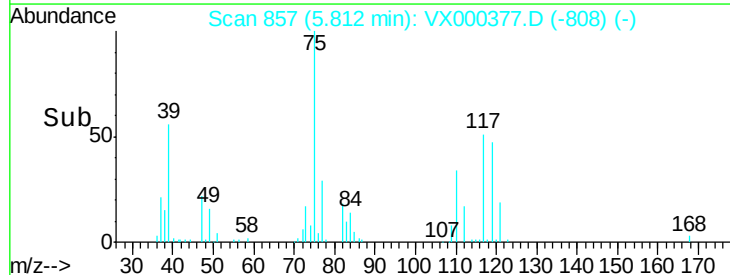
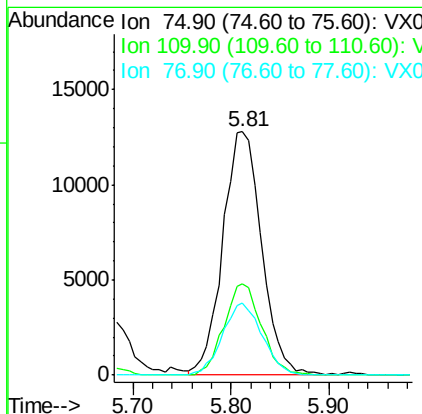
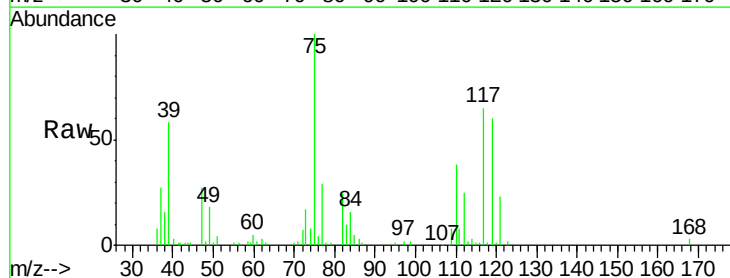
RT: 5.81 min Scan# 857

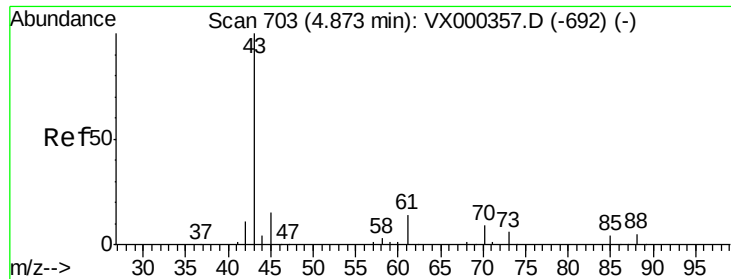
Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Tgt Ion:	75	Resp:	35212
Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.7
77	30.1	24.0	36.0





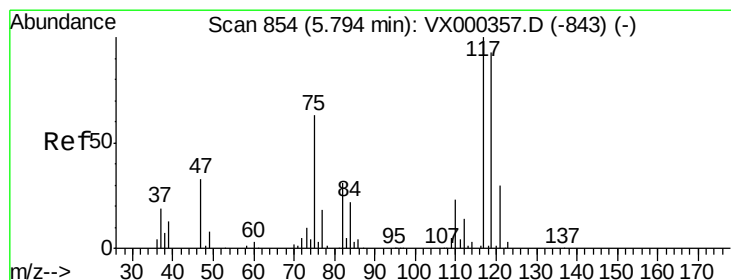
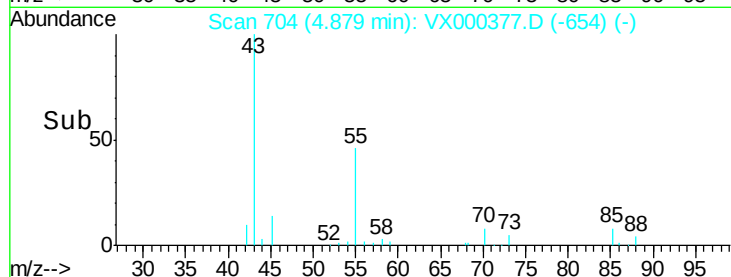
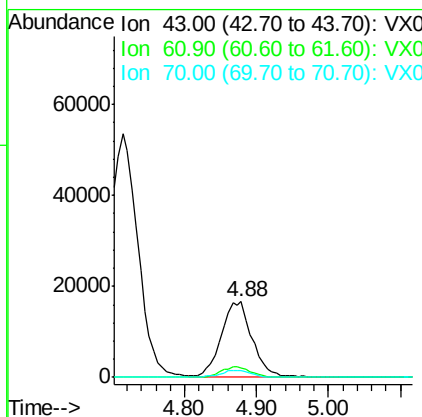
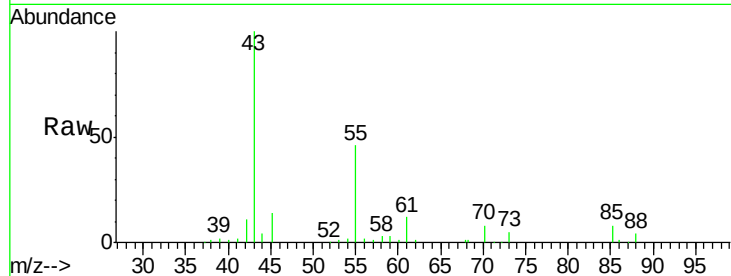
#37
Ethyl Acetate
Concen: 20.68 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampled :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	9.0	7.7	11.5

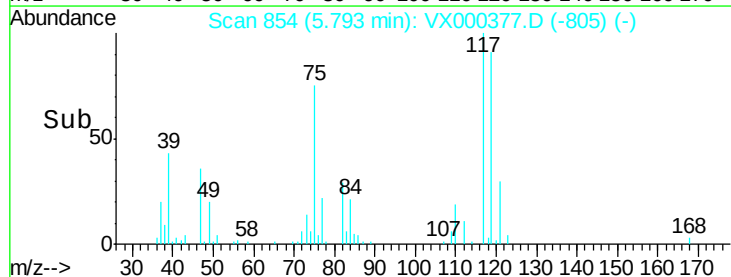
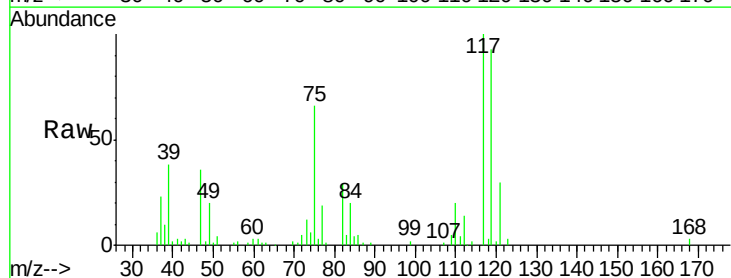
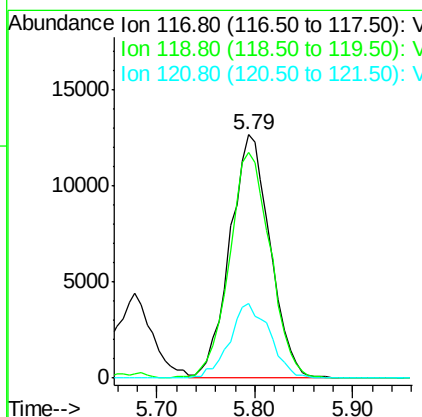
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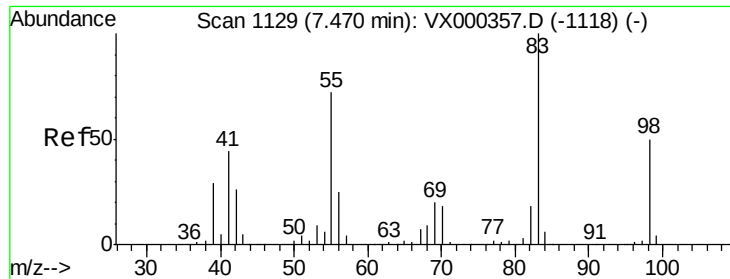
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#38
Carbon Tetrachloride
Concen: 19.44 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.4	116.2
121	30.5	24.8	37.2





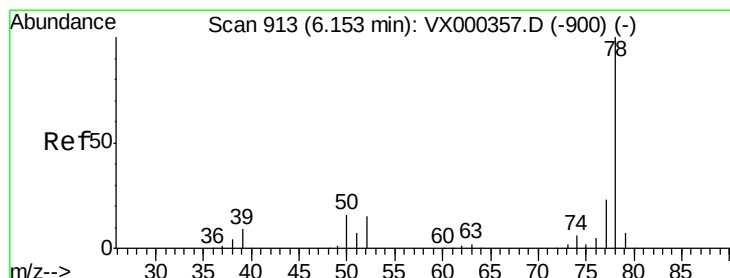
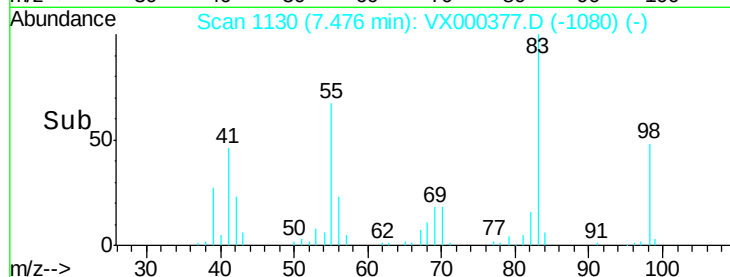
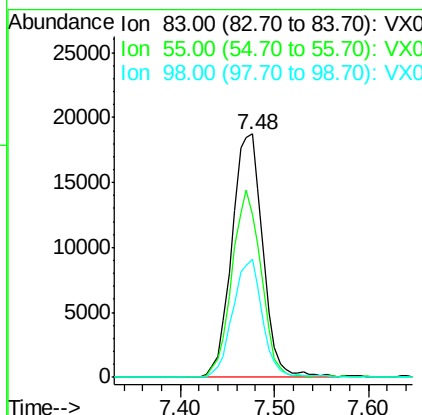
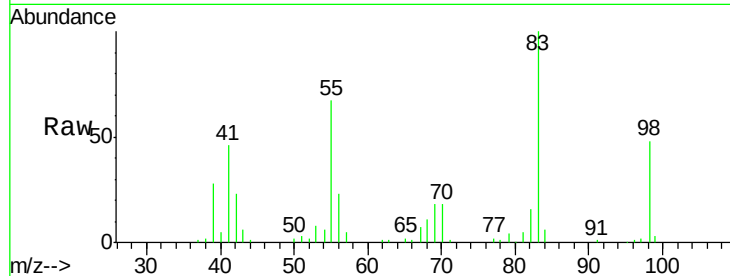
#39
Methylvlcyclohexane
Concen: 20.04 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion	83.00	Resp	42961
Ion Ratio	100	Lower	Upper
83	100		
55	67.0	55.5	83.3
98	48.4	38.2	57.4

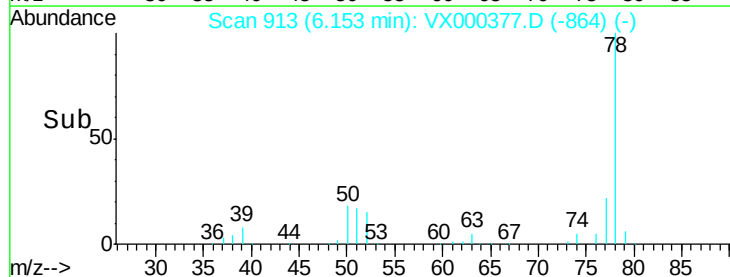
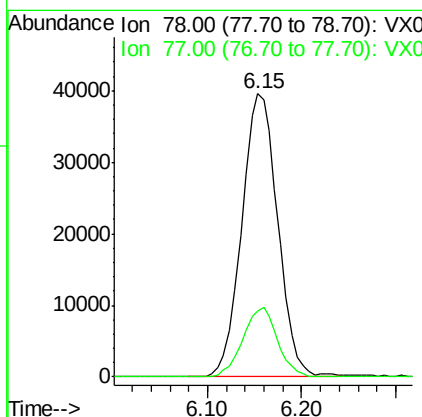
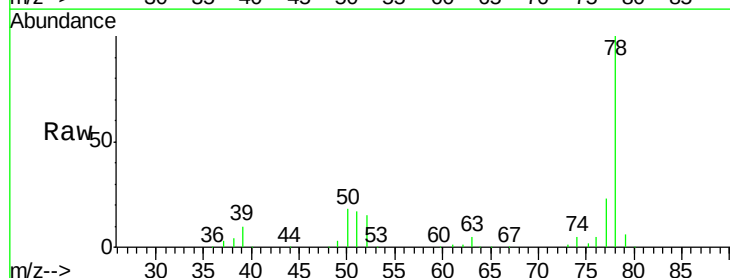
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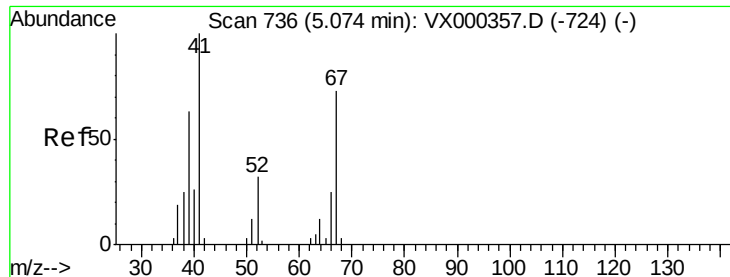
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#40
Benzene
Concen: 20.67 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	78	Resp	105825
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	18.7	28.1





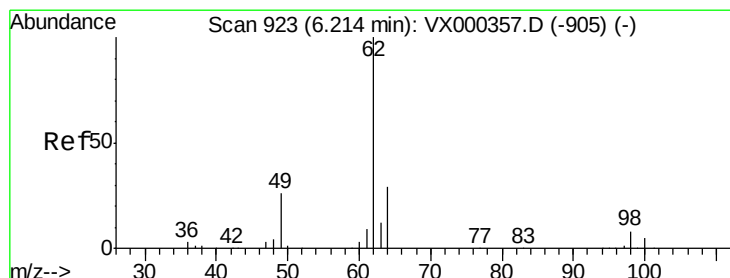
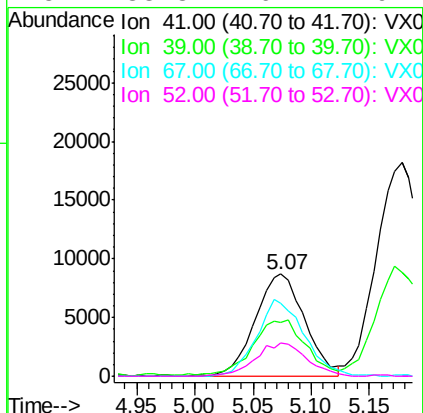
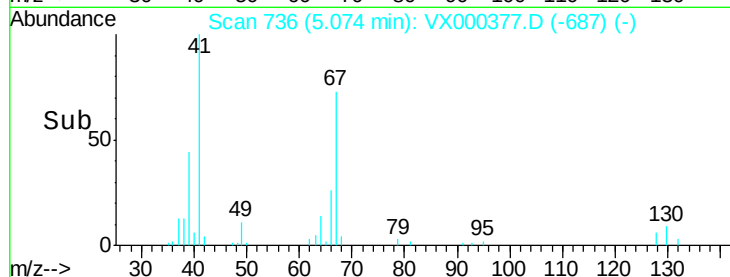
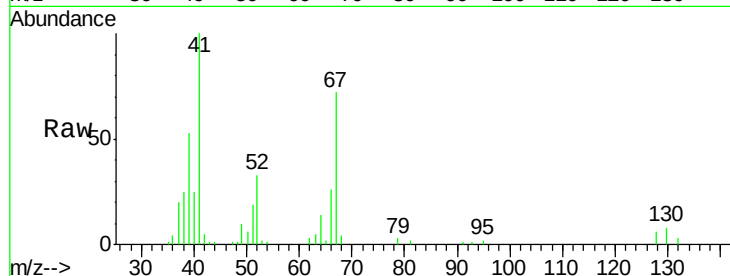
#41
Methacrylonitrile
Concen: 20.15 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.7	68.5
67	72.5	57.8	86.8
52	33.8	26.7	40.1

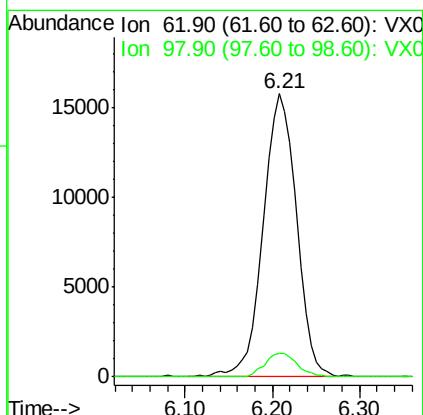
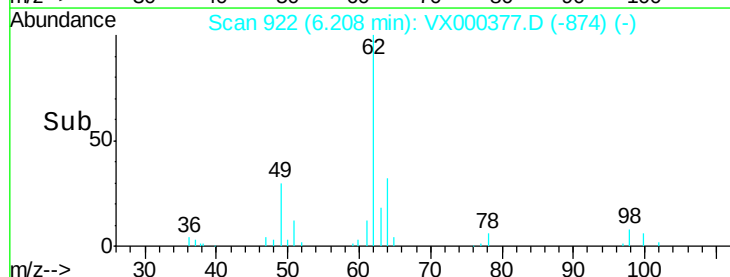
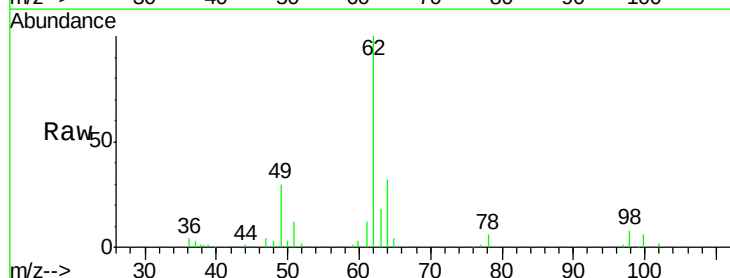
Manual Integrations
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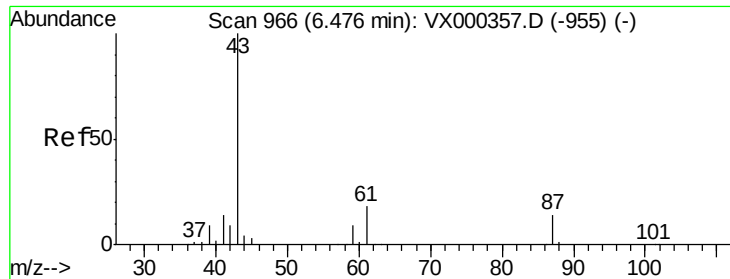
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#42
1,2-Dichloroethane
Concen: 20.94 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.8





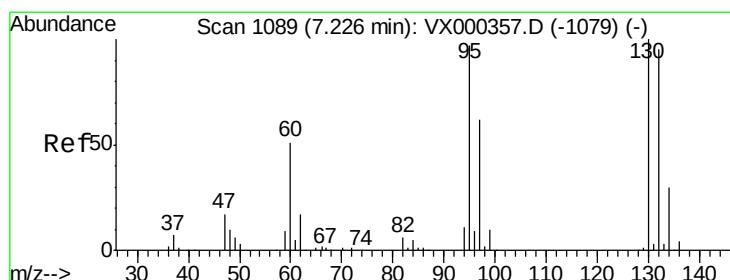
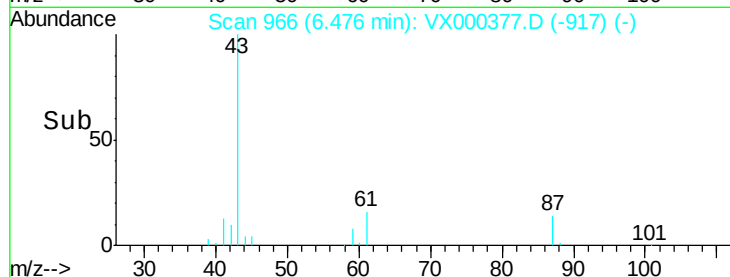
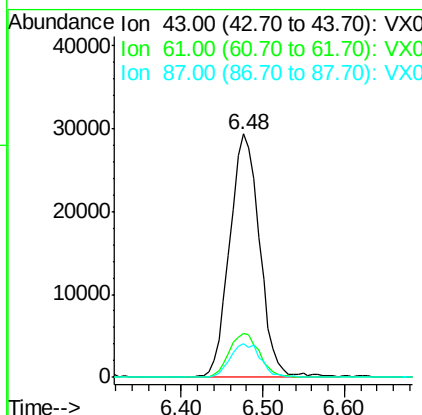
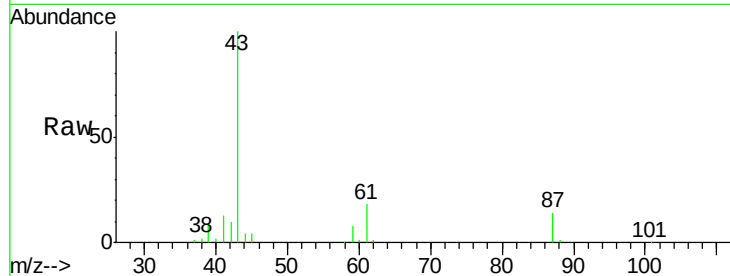
#43
Isopropyl Acetate
Concen: 20.73 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	14.2	11.0	16.4

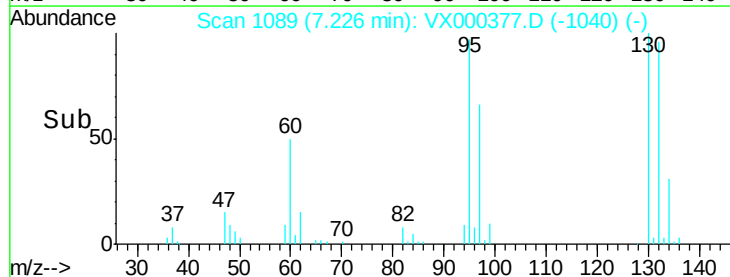
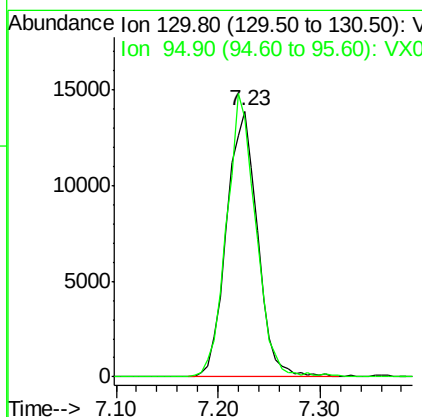
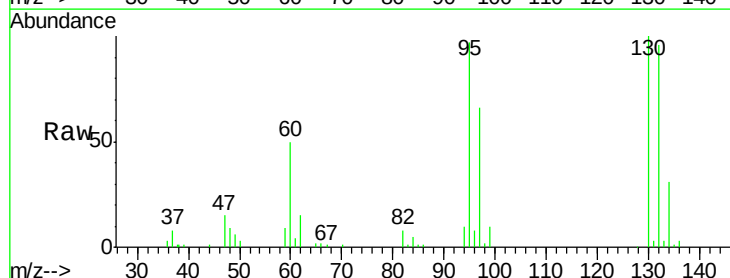
Manual Integrations
APPROVED

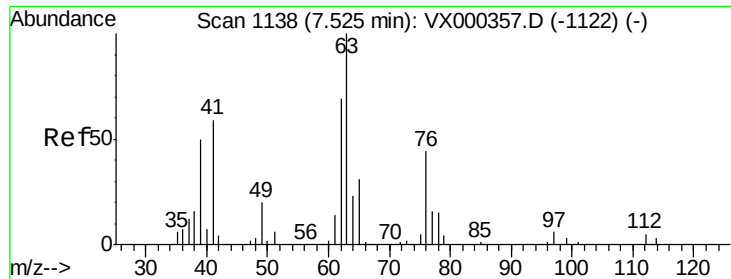
apatel
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#44
Trichloroethene
Concen: 19.88 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	186.0





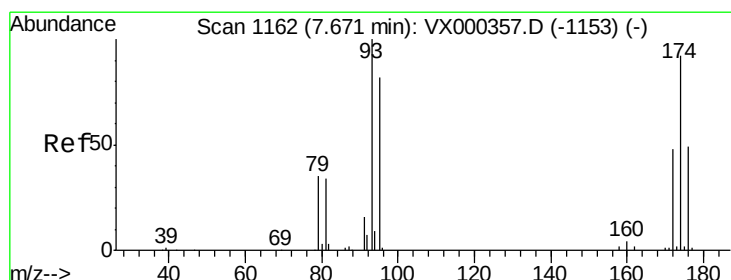
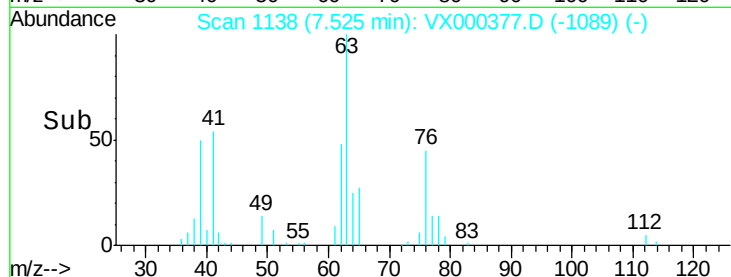
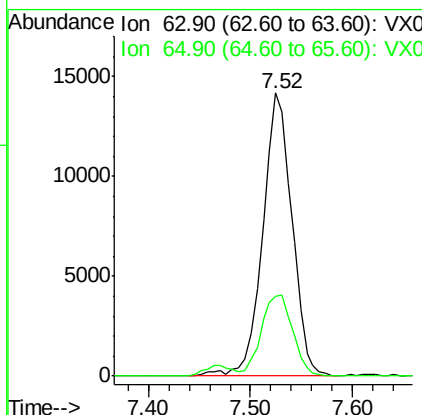
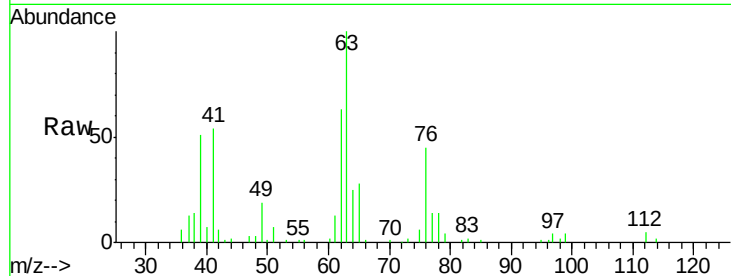
#45
 1,2-Dichloropropane
 Concen: 21.52 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tot Ion: 63 Resp: 28203
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.6 36.8

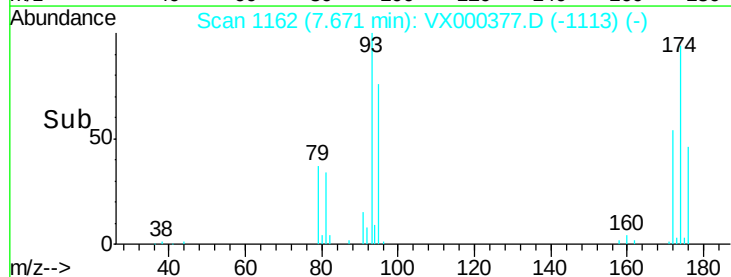
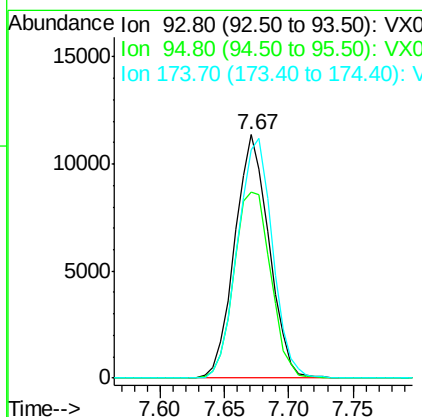
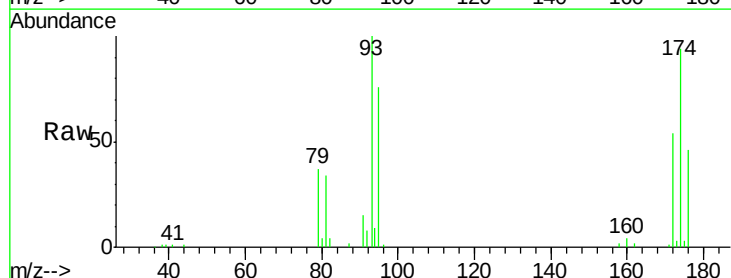
Manual Integrations
 APPROVED

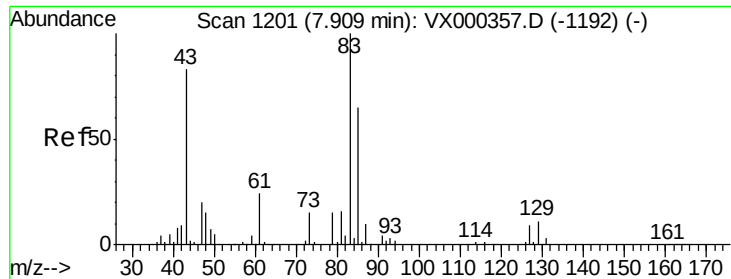
apatel
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#46
 Dibromomethane
 Concen: 20.43 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 93 Resp: 21010
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.5 99.7
 174 100.0 76.0 114.0





#47

Bromodichloromethane

Concen: 21.64 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

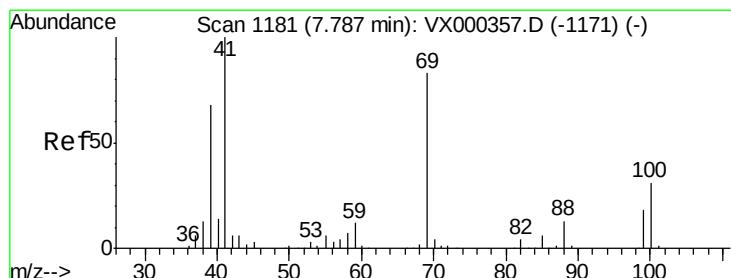
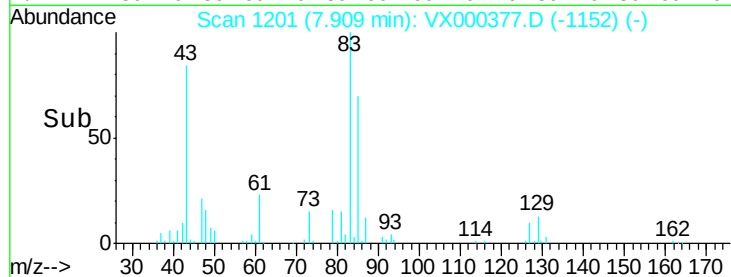
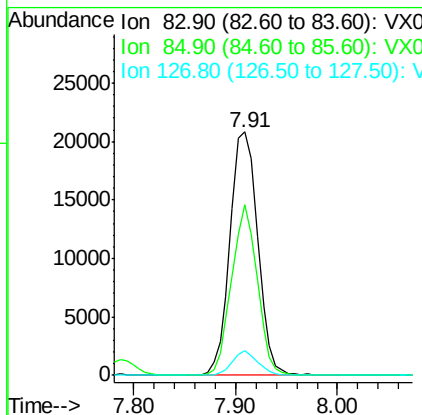
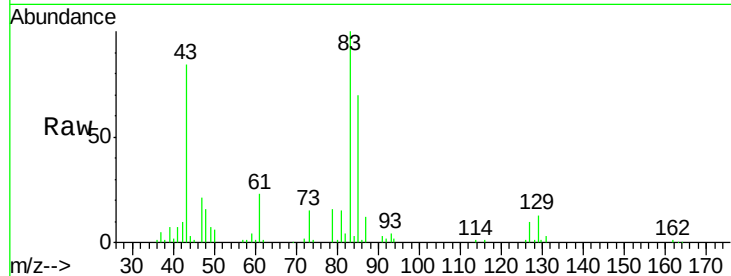
ClientSampleId :

VX0321WBS02

Tot Ion:	83	Resp:	39161
Ion	Ratio	Lower	Upper
83	100		
85	69.9	51.4	77.0
127	10.0	7.0	10.6

Manual Integrations
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apatel
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#48

Methyl methacrylate

Concen: 21.25 ug/l

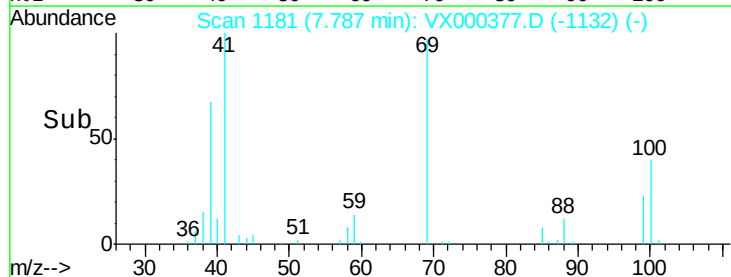
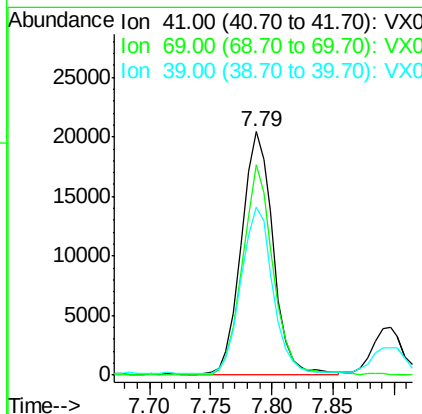
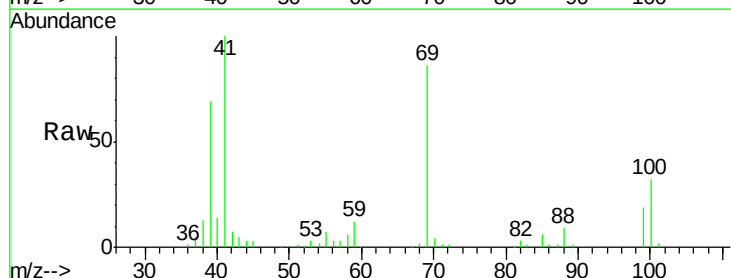
RT: 7.79 min Scan# 1181

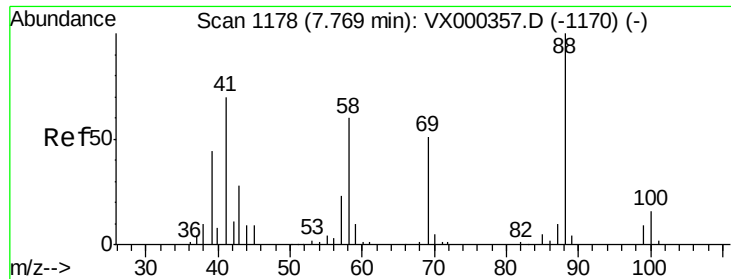
Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Tgt Ion:	41	Resp:	36982
Ion	Ratio	Lower	Upper
41	100		
69	83.2	68.2	102.4
39	68.5	54.6	81.8





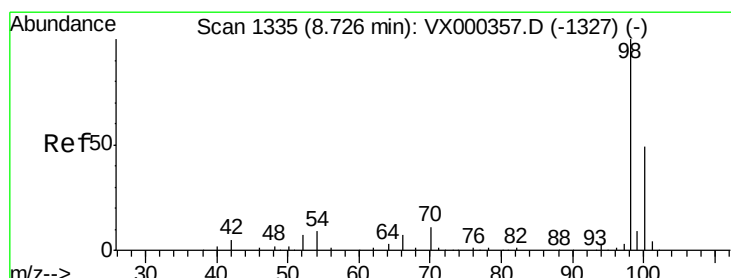
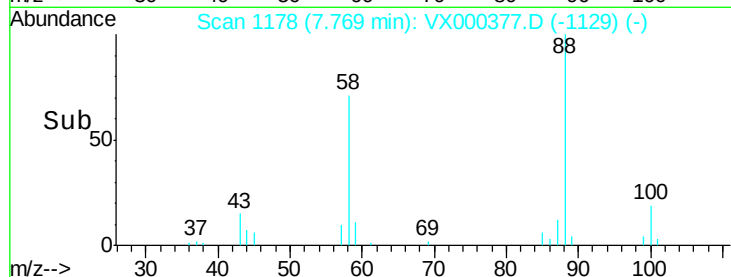
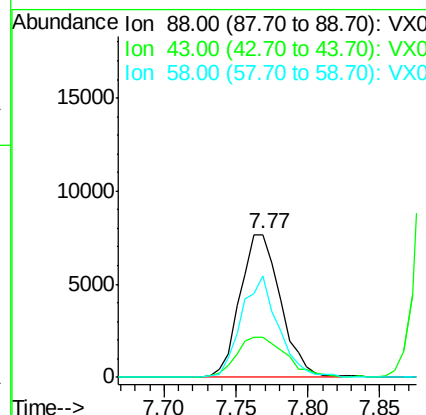
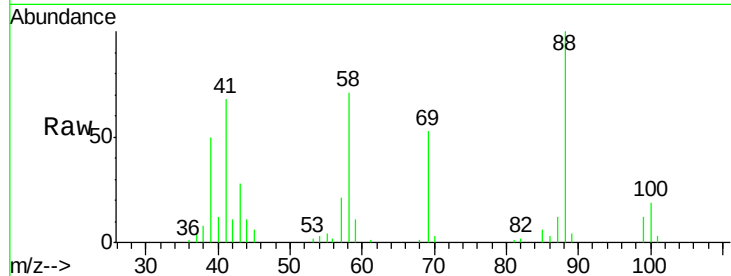
#49
1,4-Dioxane
Concen: 411.46 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampled :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.8	40.2
58	64.7	52.2	78.2

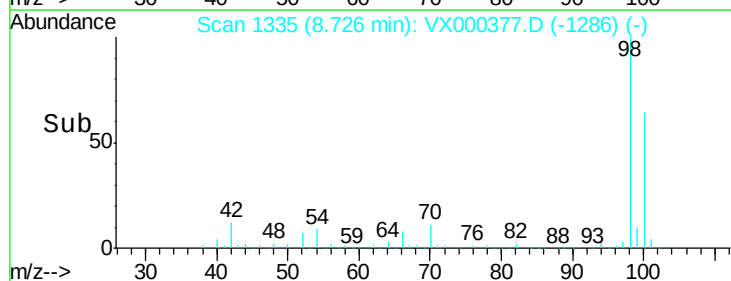
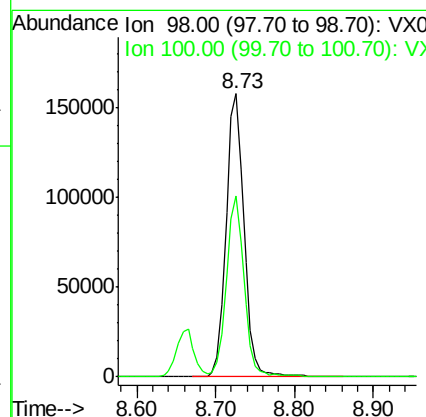
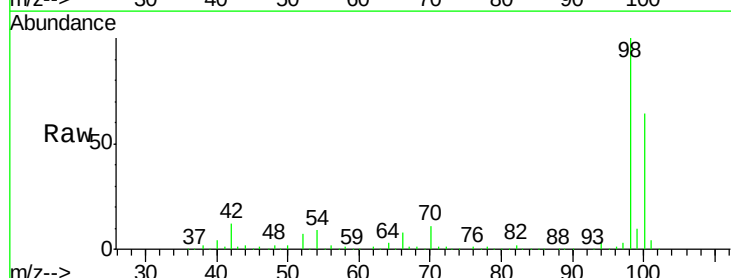
Manual Integrations
APPROVED

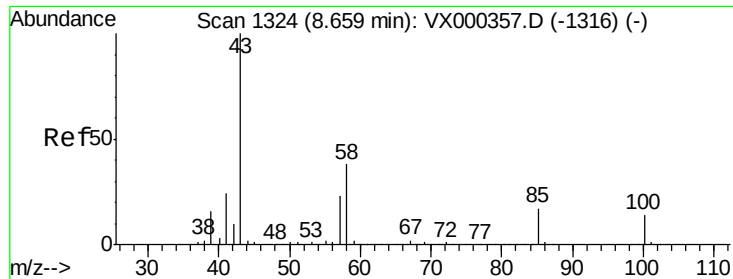
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#50
Toluene-d8
Concen: 51.06 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 104.71 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS02

Tot Ion: 43 Resp: 290537

Ion Ratio Lower Upper

43 100

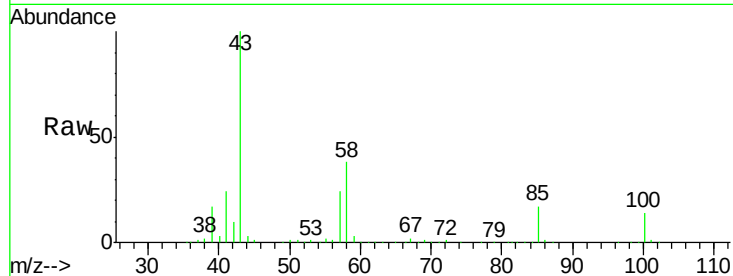
58 37.4 30.3 45.5

Manual Integrations

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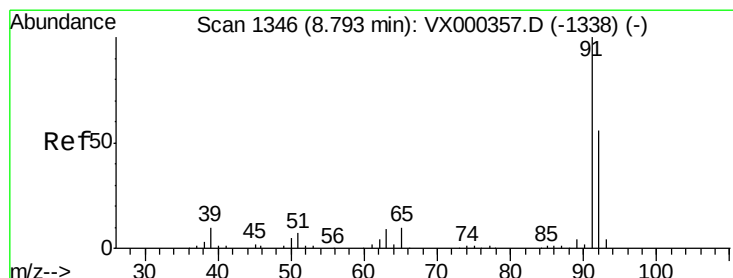
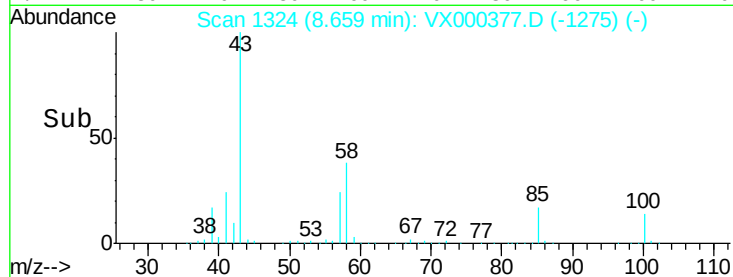
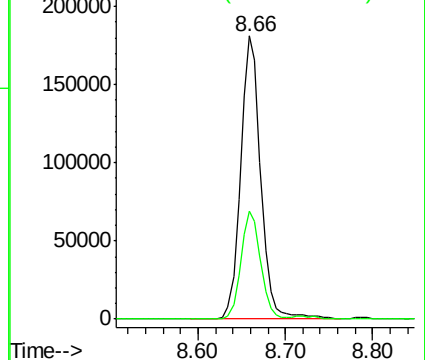
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.92 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000377.D

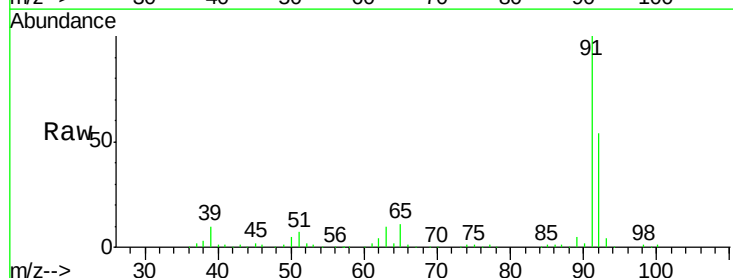
Acq: 21 Mar 2018 11:49

Tgt Ion: 92 Resp: 71300

Ion Ratio Lower Upper

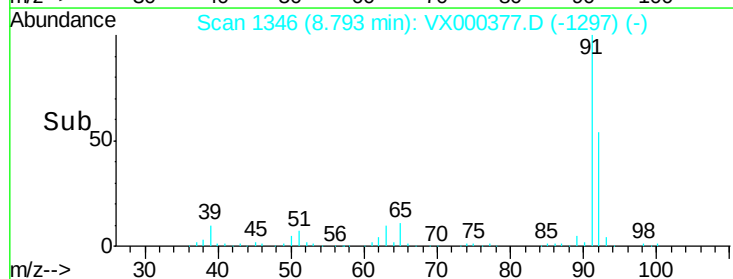
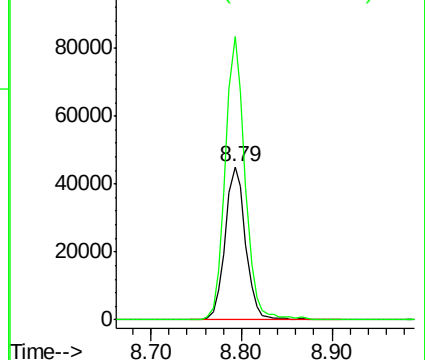
92 100

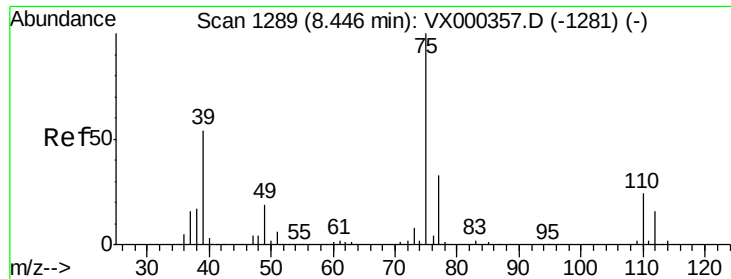
91 179.1 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





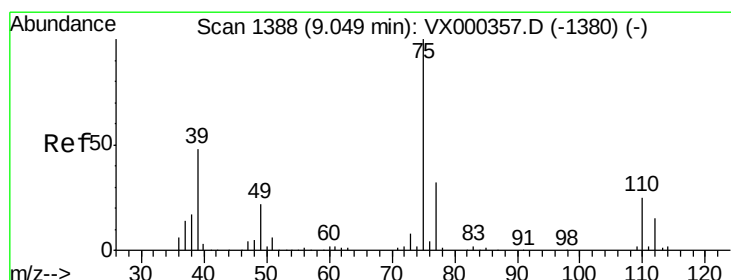
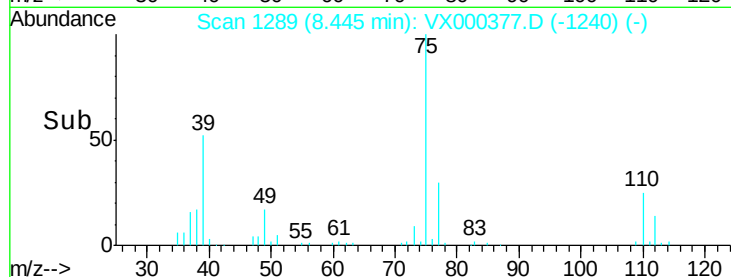
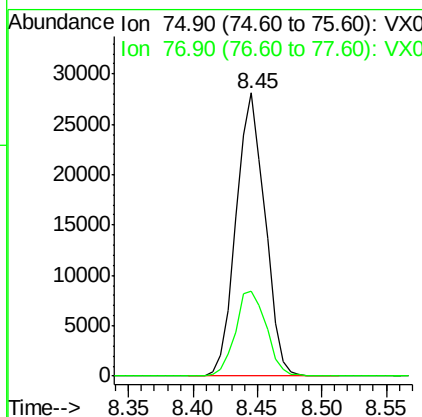
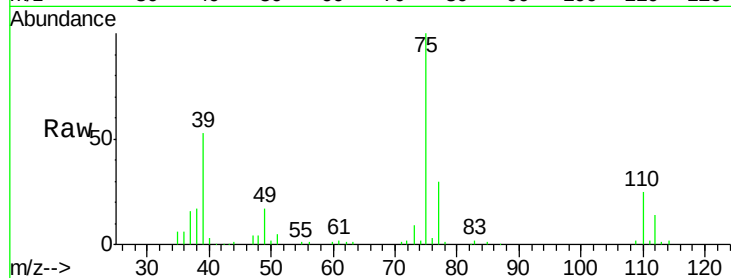
#53
t-1,3-Dichloropropene
Concen: 20.94 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion: 75 Resp: 43909
Ion Ratio Lower Upper
75 100
77 30.2 24.0 36.0

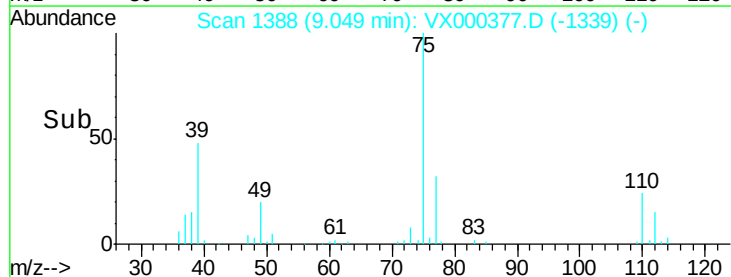
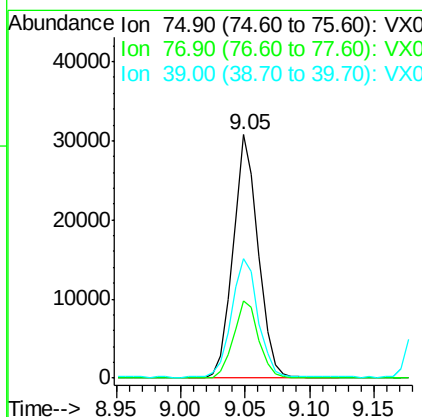
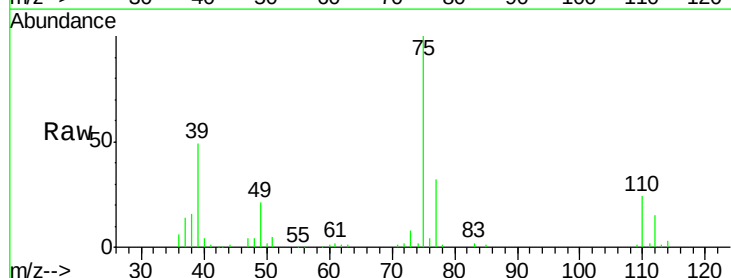
Manual Integrations
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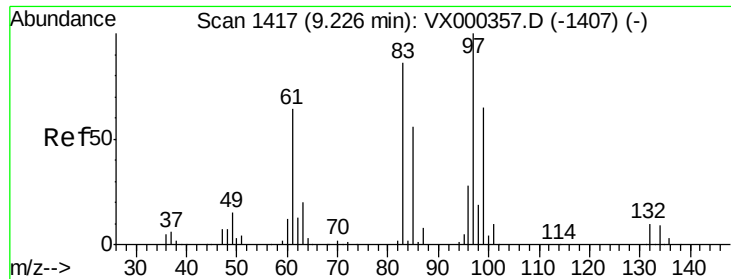
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#54
cis-1,3-Dichloropropene
Concen: 20.52 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 75 Resp: 41737
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 48.5 39.8 59.6





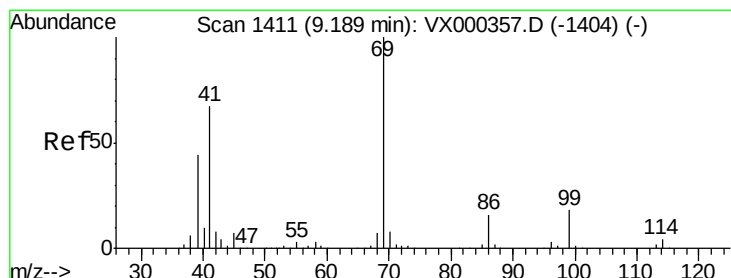
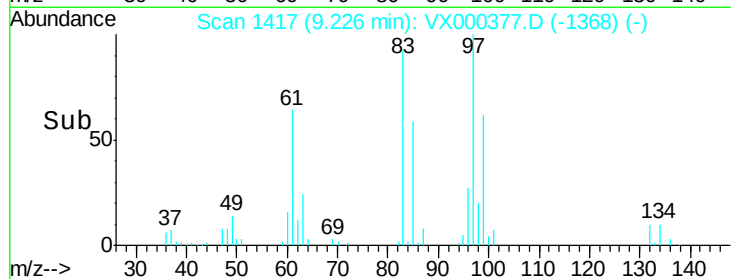
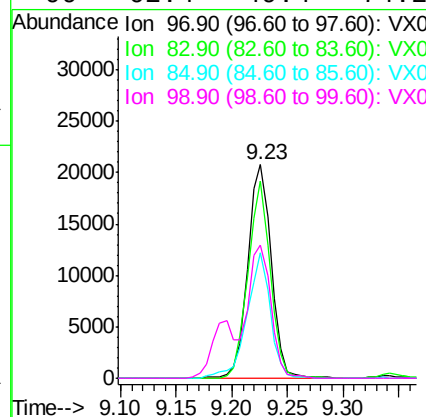
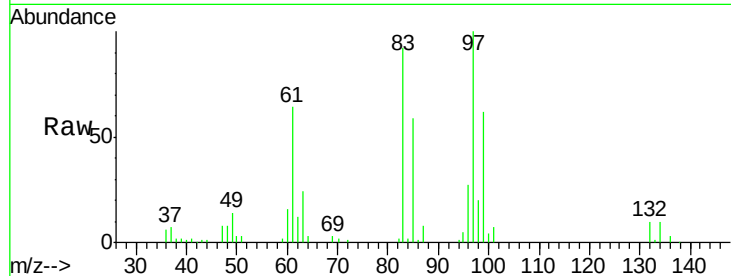
#55
 1,1,2-Trichloroethane
 Concen: 20.62 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		30345		
83	92.5	67.9	101.9		
85	58.7	42.8	64.2		
99	62.4	49.4	74.2		

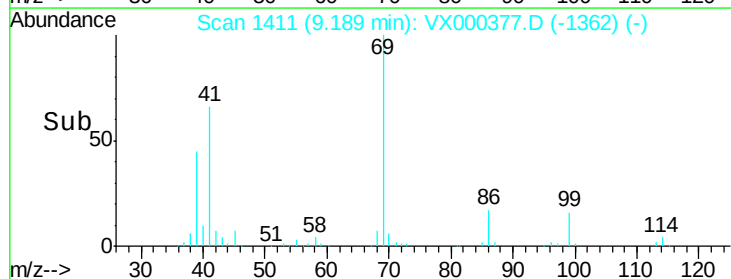
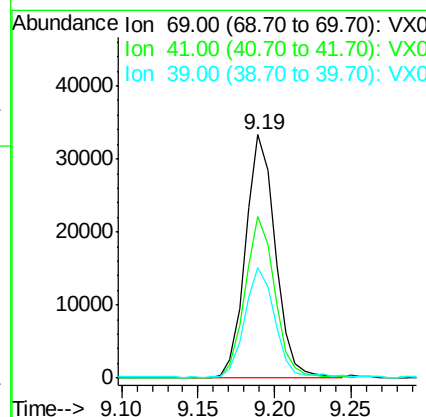
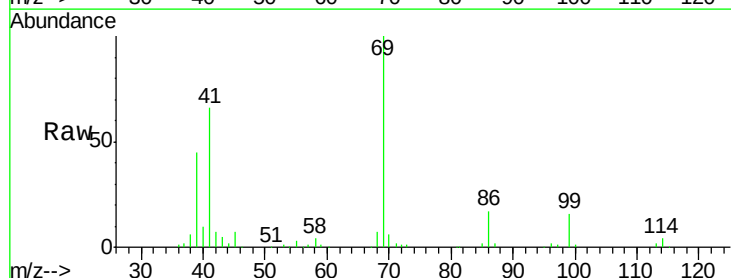
Manual Integrations
 APPROVED

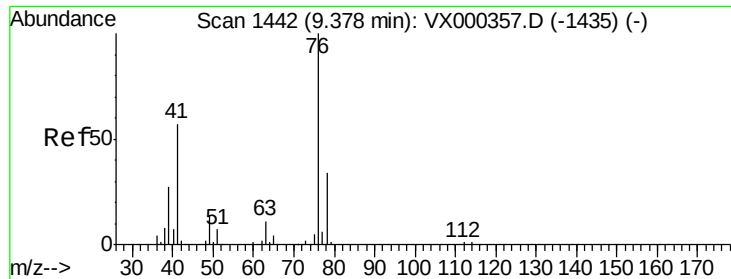
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#56
 Ethyl methacrylate
 Concen: 20.26 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		45175		
41	66.6	53.0	79.6		
39	45.6	35.3	52.9		





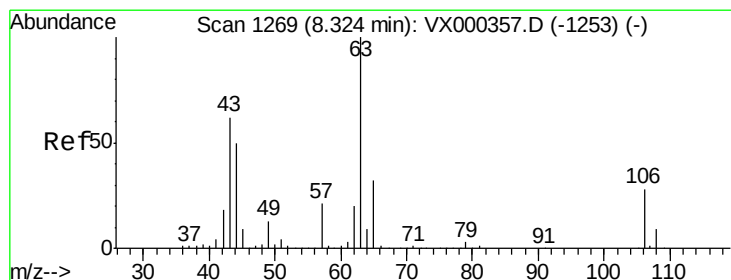
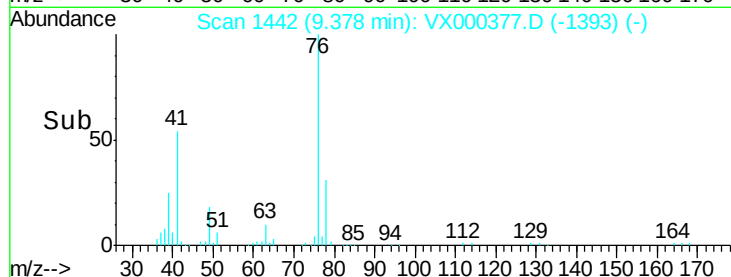
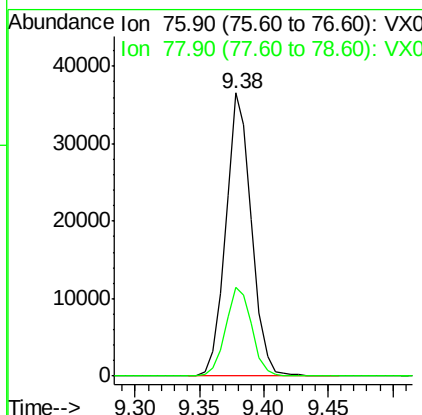
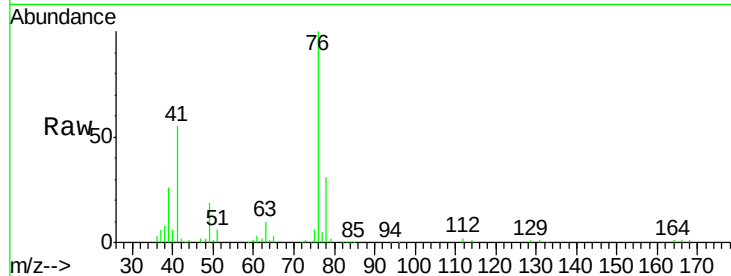
#57
 1,3-Dichloropropane
 Concen: 21.69 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tot Ion: 76 Resp: 51050
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6

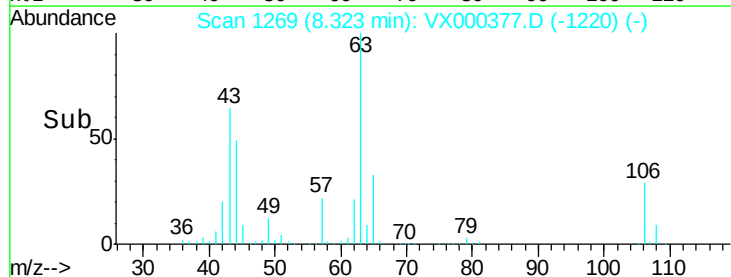
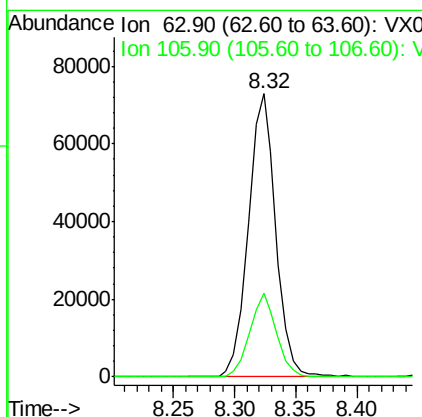
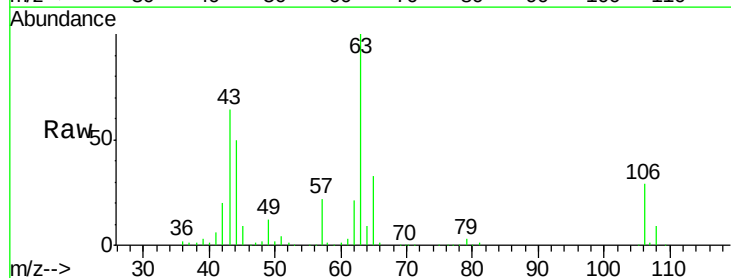
Manual Integrations
 APPROVED

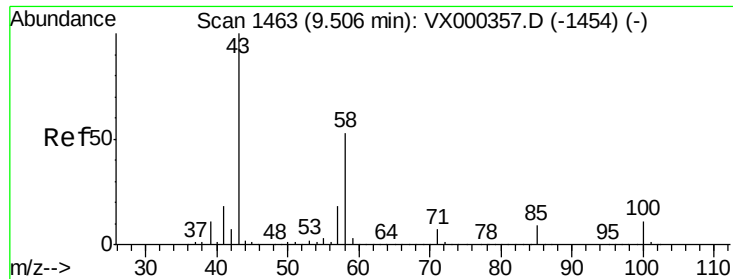
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 105.95 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion: 63 Resp: 113406
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.2 34.8





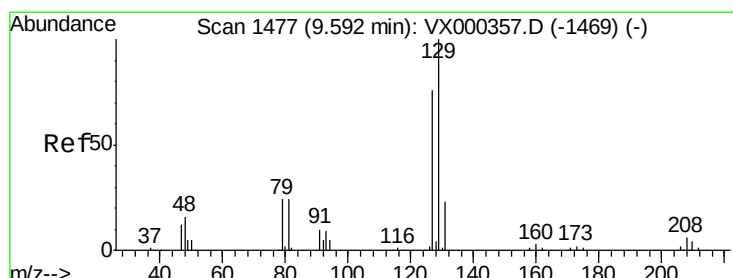
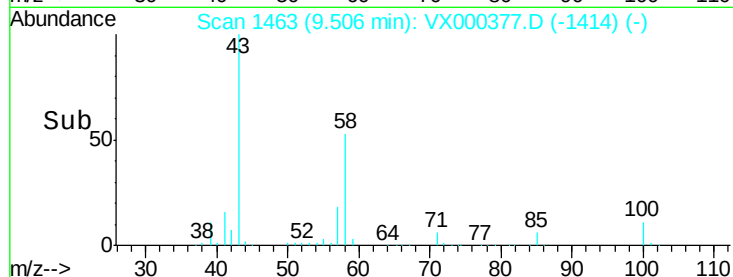
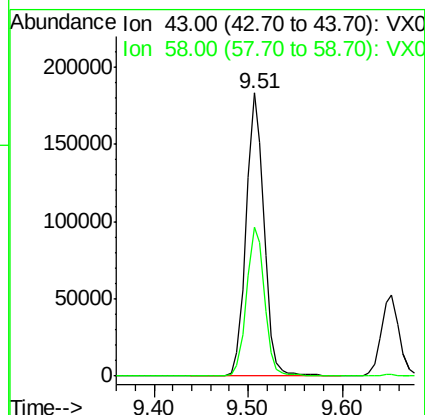
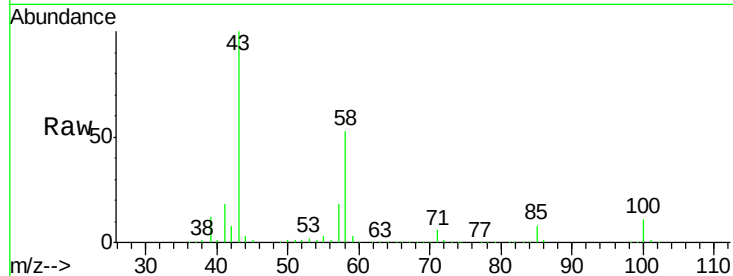
#59
2-Hexanone
Concen: 102.87 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion: 43 Resp: 242363
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7

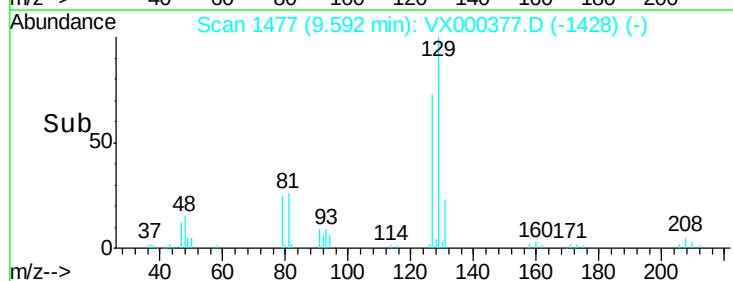
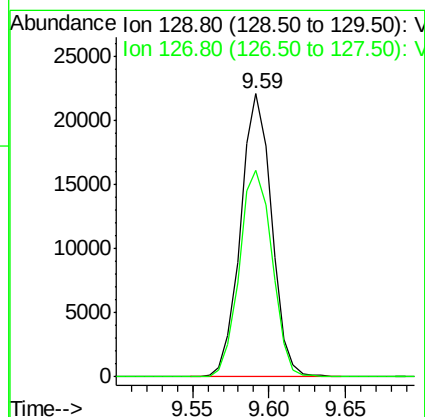
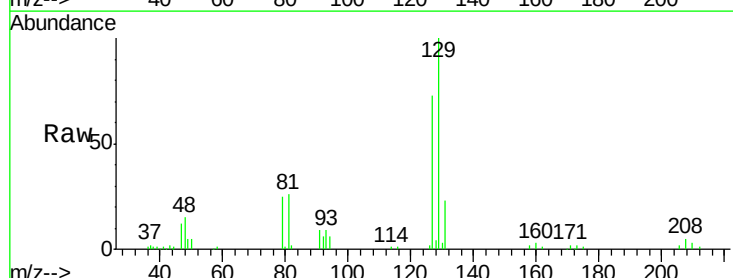
Manual Integrations
APPROVED

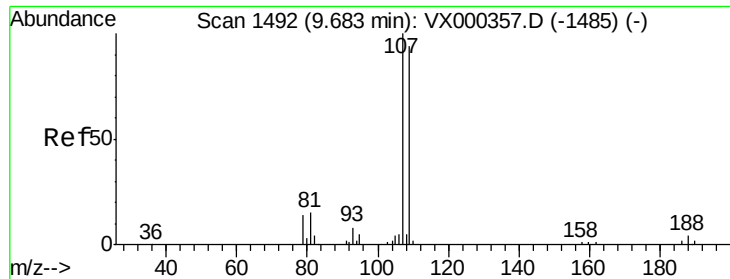
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3/22/2018 2:44:27 PM



#60
Dibromochloromethane
Concen: 20.54 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 129 Resp: 31168
Ion Ratio Lower Upper
129 100
127 76.8 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.44 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

Tot Ion:107 Resp: 32263

Ion Ratio Lower Upper

107 100

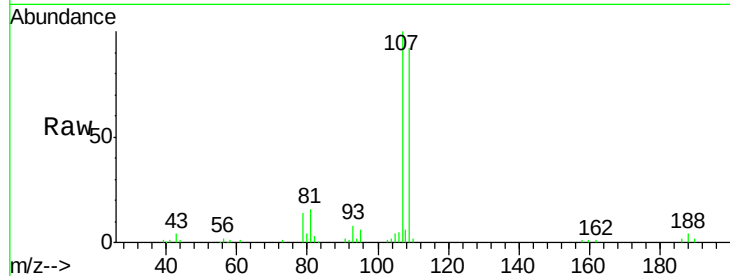
109 93.8 76.1 114.1

Manual Integrations

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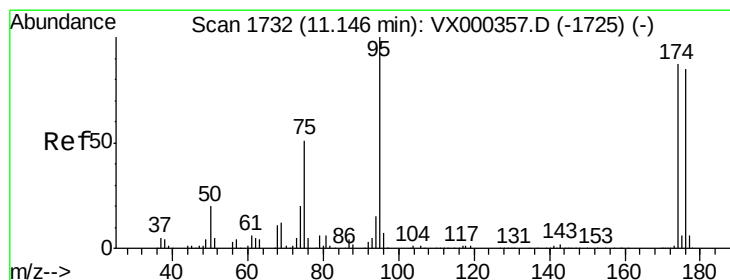
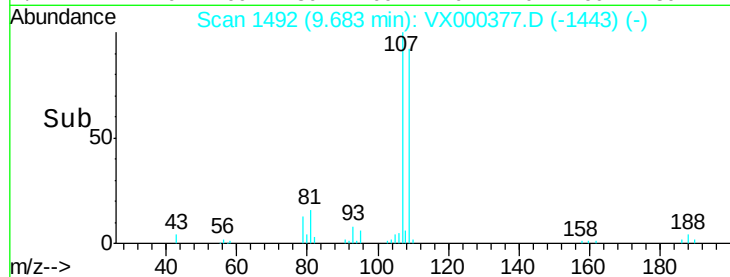
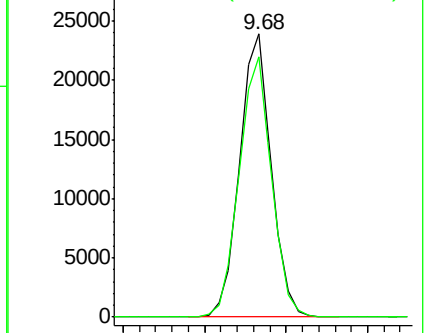
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.34 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

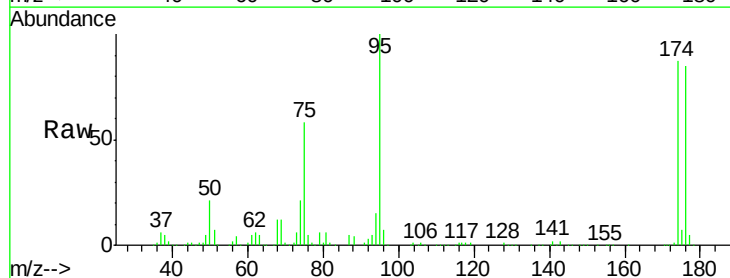
Tgt Ion: 95 Resp: 90361

Ion Ratio Lower Upper

95 100

174 89.2 0.0 173.6

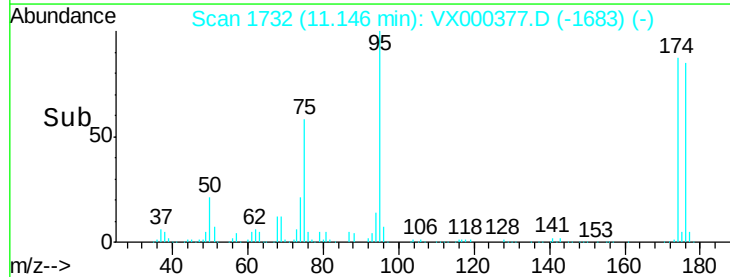
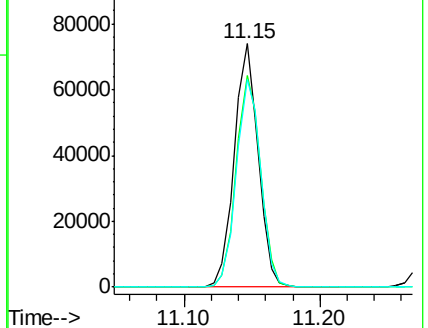
176 87.2 0.0 164.6

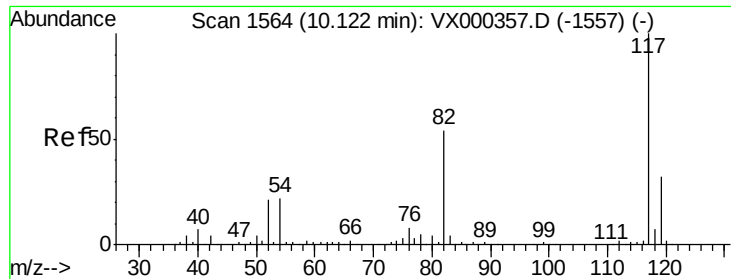


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





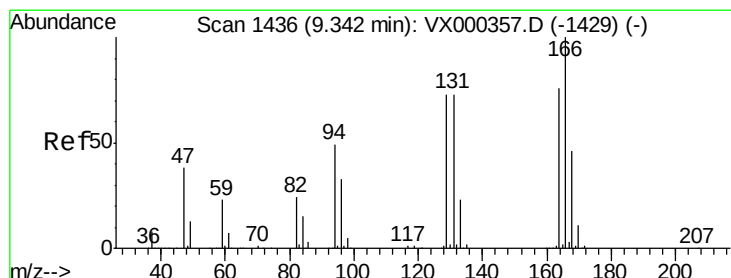
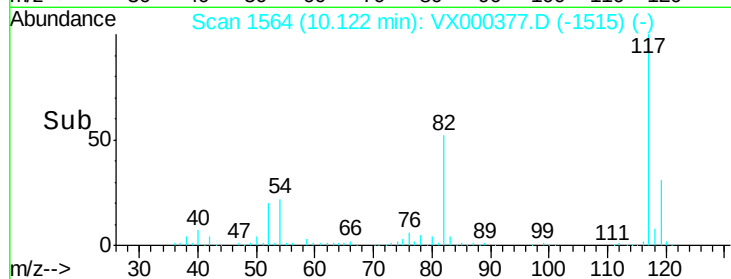
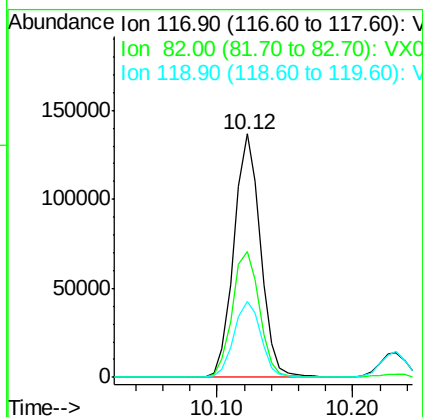
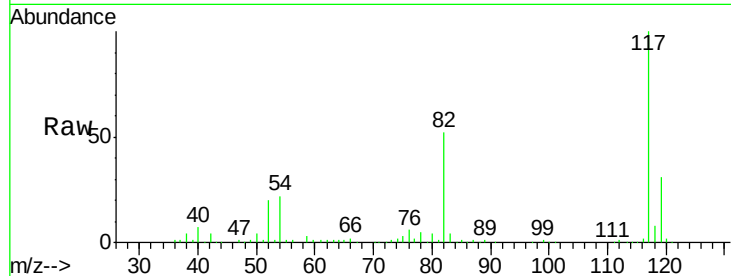
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.8	65.8
119	31.1	24.9	37.3

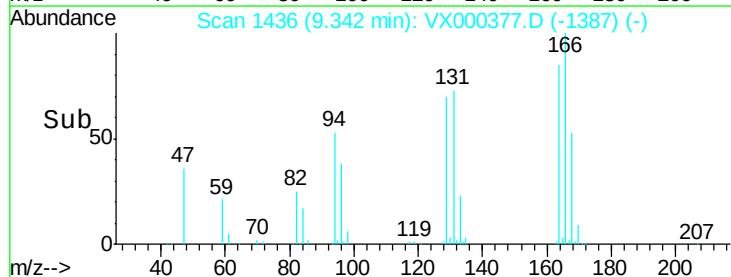
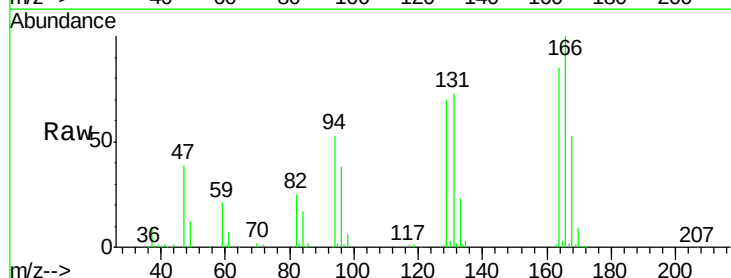
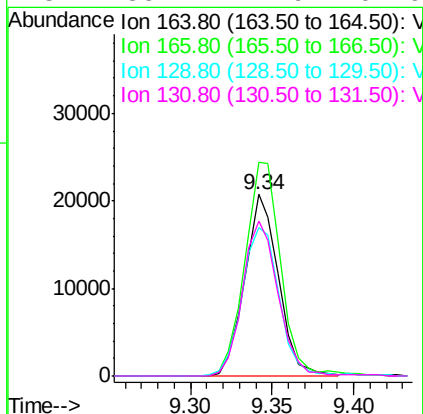
Manual Integrations
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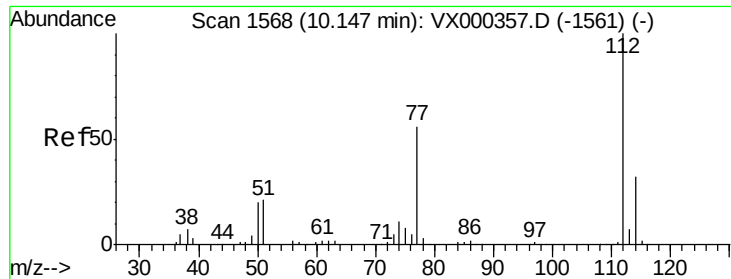
apatel
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#64
Tetrachloroethene
Concen: 20.72 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.6	101.0	151.6
129	82.1	79.0	118.4
131	85.4	71.9	107.9





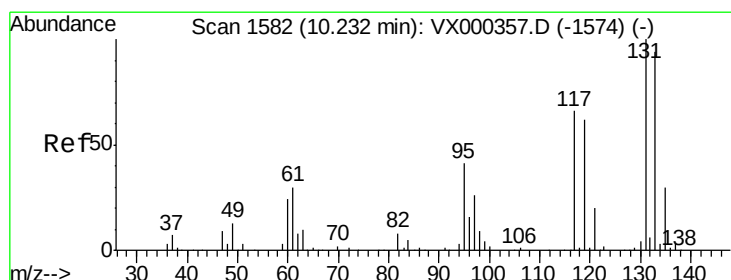
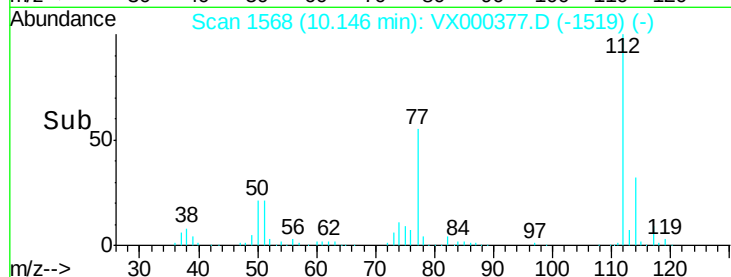
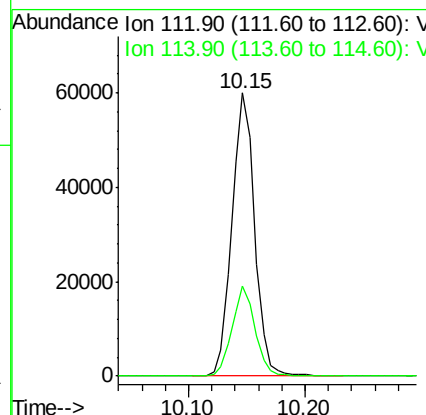
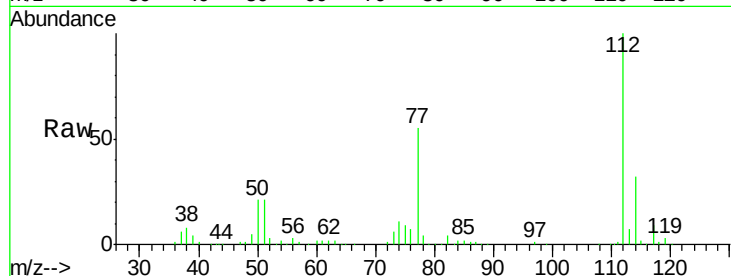
#65
Chlorobenzene
Concen: 19.71 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion:112 Resp: 81388
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

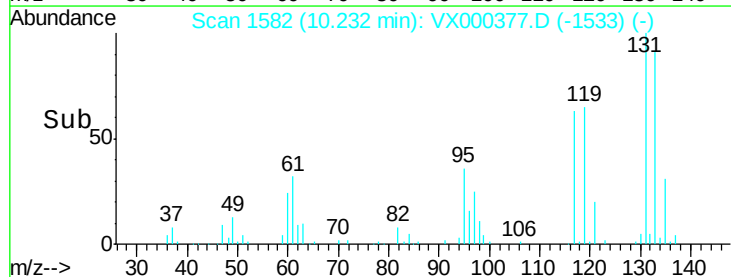
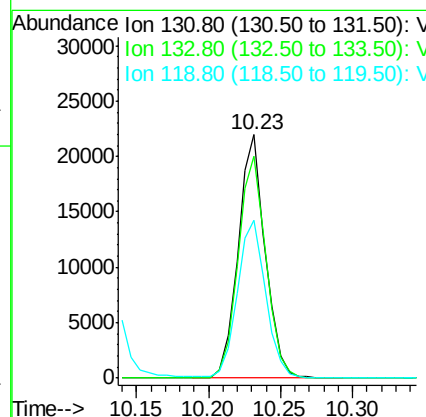
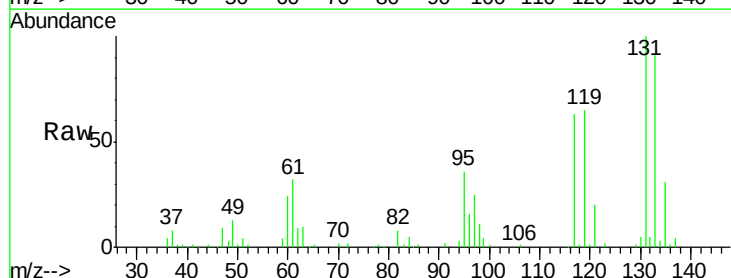
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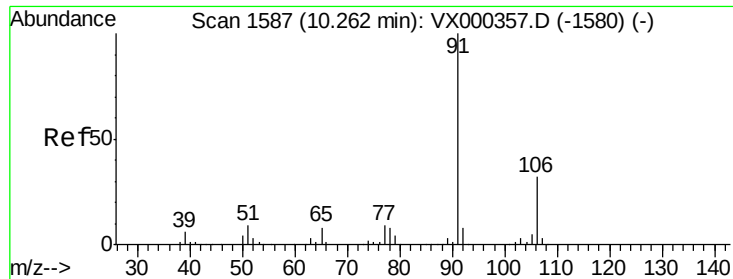
apatel
3/22/2018 2:44:27 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.48 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion:131 Resp: 28719
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.3
119 68.5 33.1 99.2





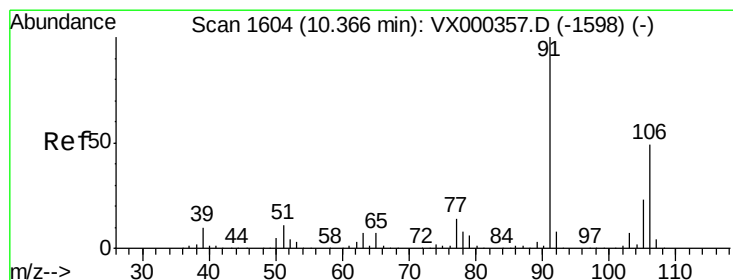
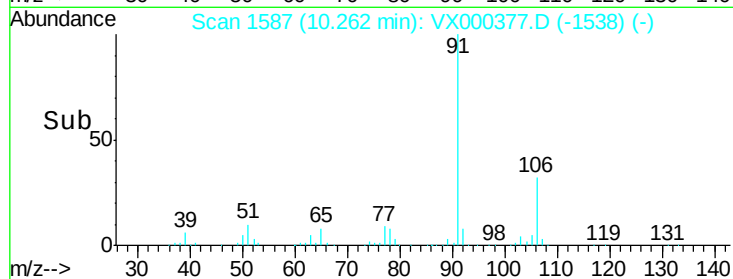
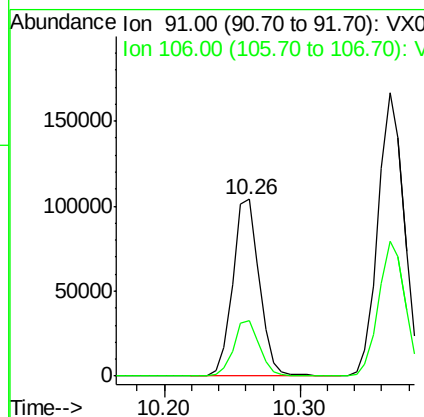
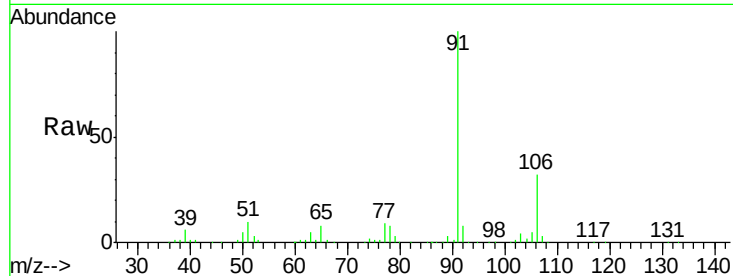
#67
Ethyl Benzene
Concen: 20.33 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampled :
VX0321WBS02

Tot Ion: 91 Resp: 142245
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6

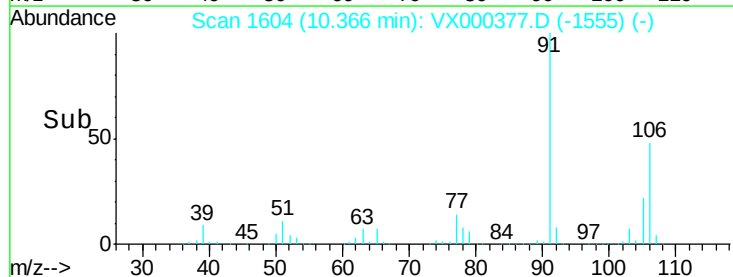
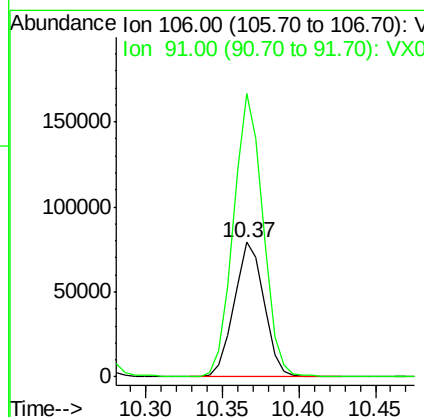
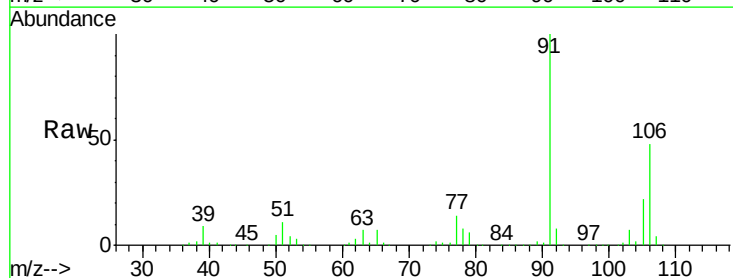
Manual Integrations
APPROVED

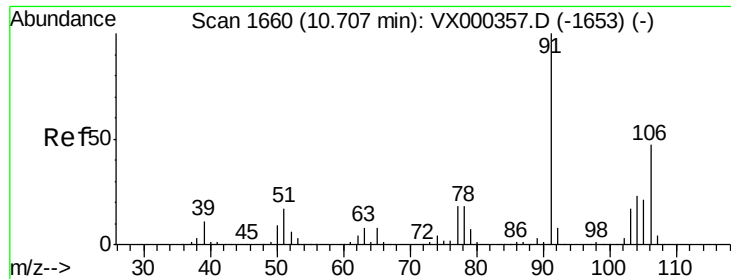
apatel
3/22/2018 2:44:27 PM



#68
m/p-Xylenes
Concen: 39.04 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion: 106 Resp: 107501
Ion Ratio Lower Upper
106 100
91 207.9 163.4 245.2





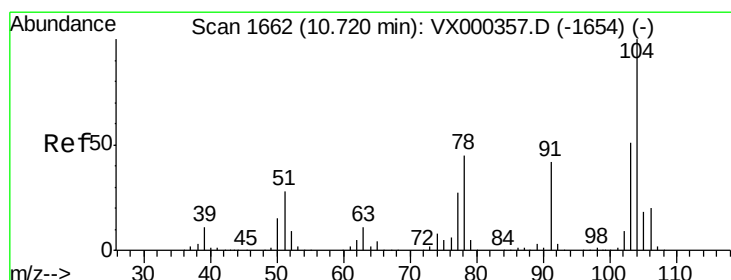
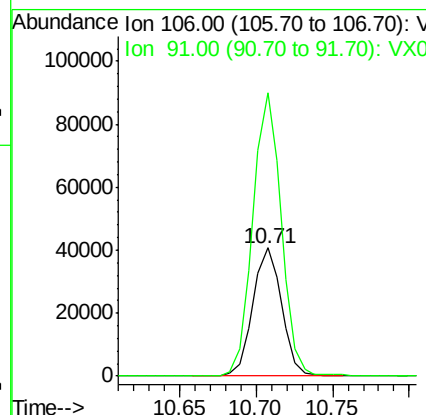
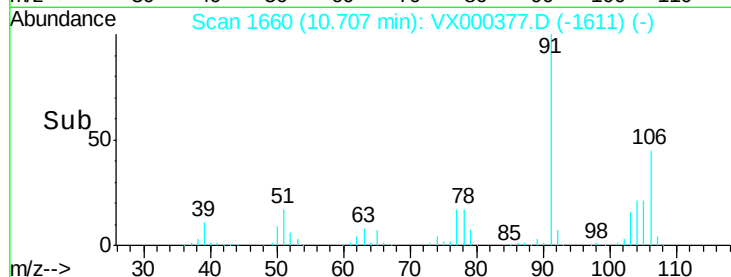
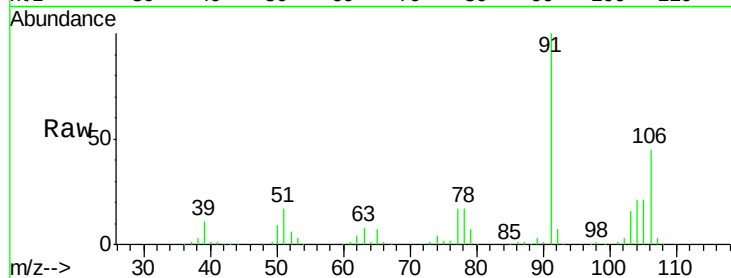
#69
o-Xylene
Concen: 20.05 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion:106 Resp: 53466
Ion Ratio Lower Upper
106 100
91 217.4 106.5 319.6

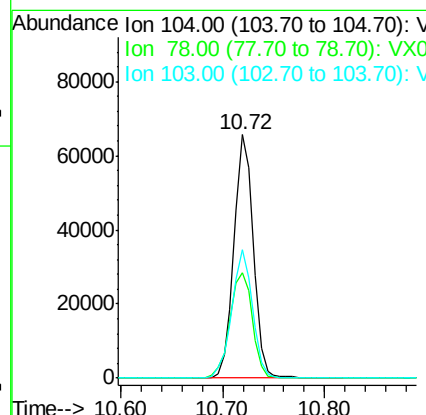
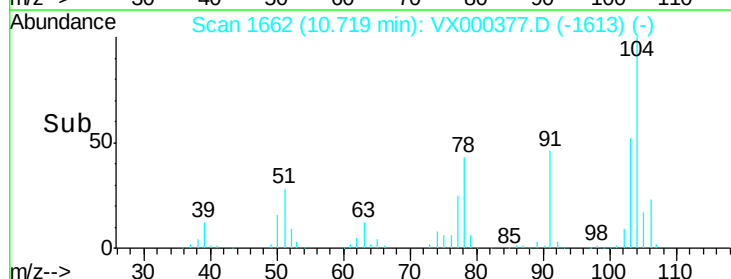
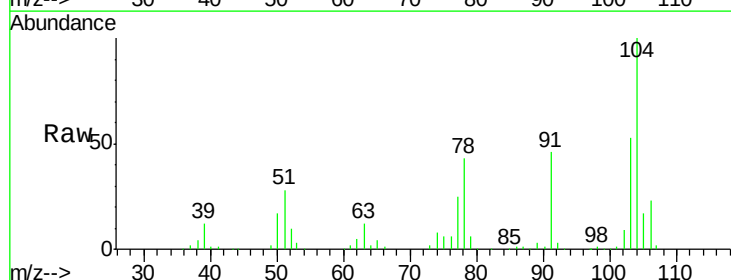
Manual Integrations
APPROVED

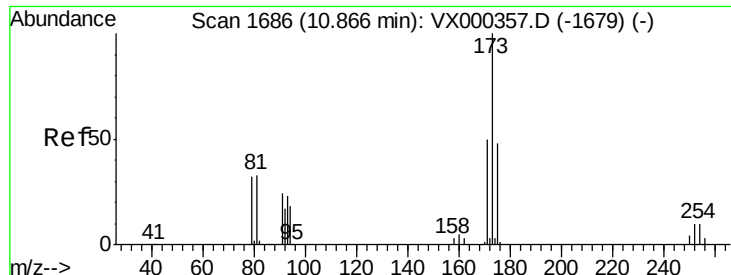
apatel
3/22/2018 2:44:27 PM



#70
Styrene
Concen: 19.50 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion:104 Resp: 86036
Ion Ratio Lower Upper
104 100
78 50.3 40.5 60.7
103 56.3 45.7 68.5





#71

Bromoform

Concen: 19.35 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

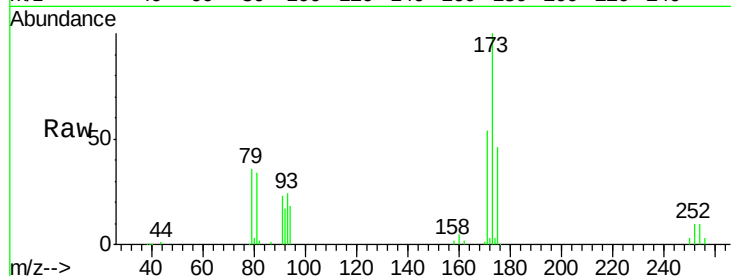
ClientSampleId :

VX0321WBS02

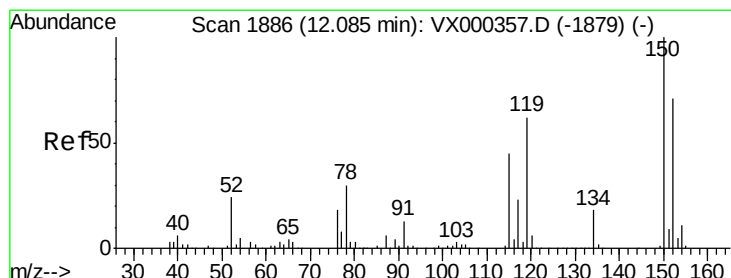
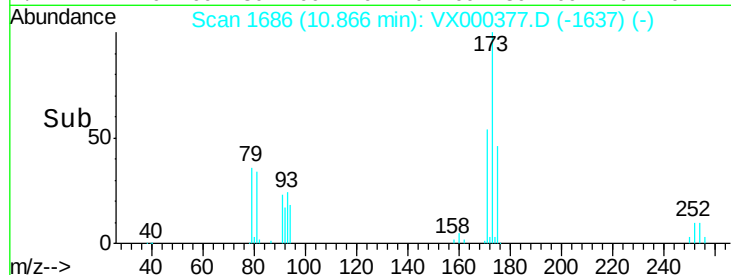
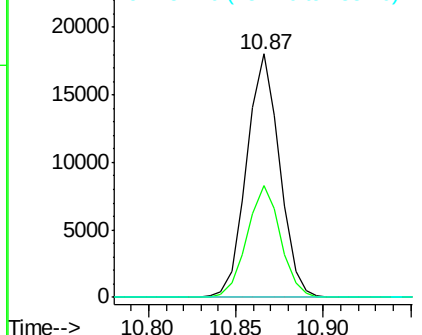
Tot Ion:	173	Resp:	23541
Ion Ratio	Lower	Upper	
173	100		
175	46.8	25.4	76.4
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

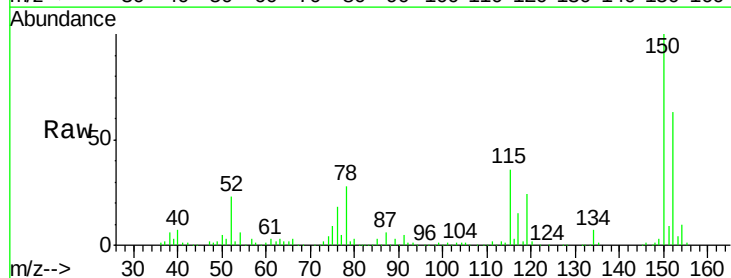
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

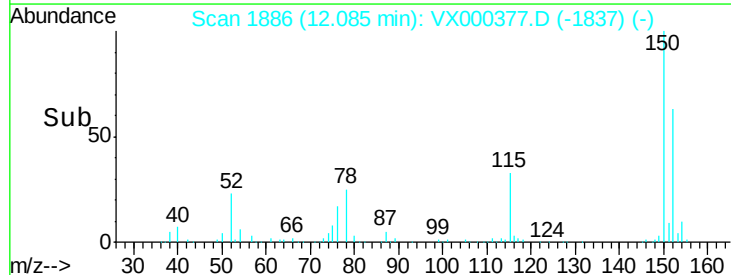
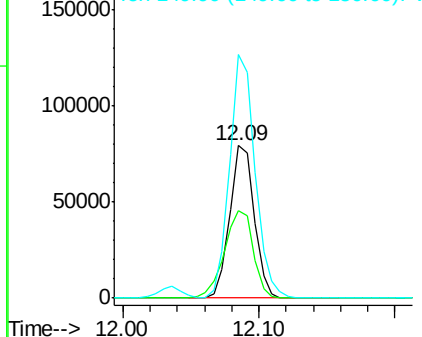
Lab File: VX000377.D

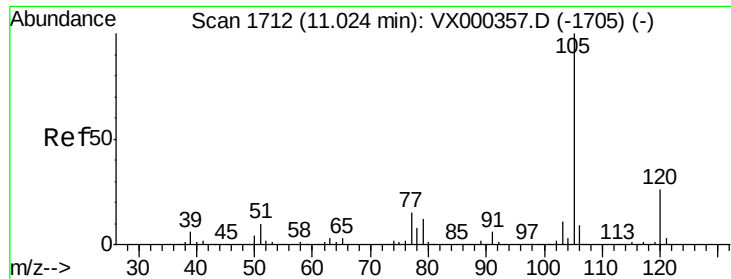
Acq: 21 Mar 2018 11:49

Tgt Ion:	152	Resp:	99567
Ion Ratio	Lower	Upper	
152	100		
115	67.0	39.8	119.3
150	165.9	0.0	344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.00 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

Tot Ion:105 Resp: 145150

Ion Ratio Lower Upper

105 100

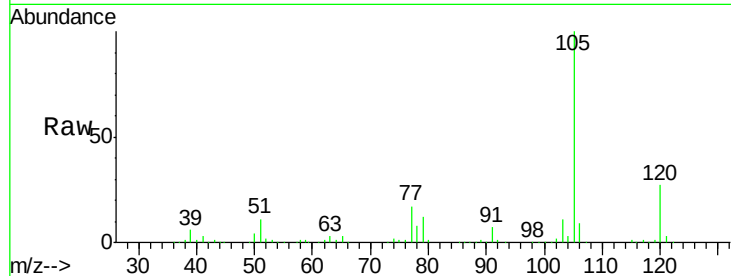
120 26.8 13.6 40.7

Manual Integrations

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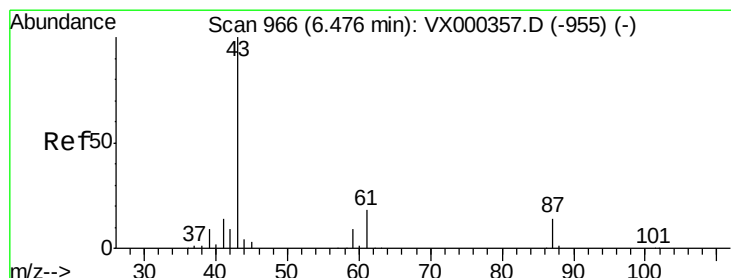
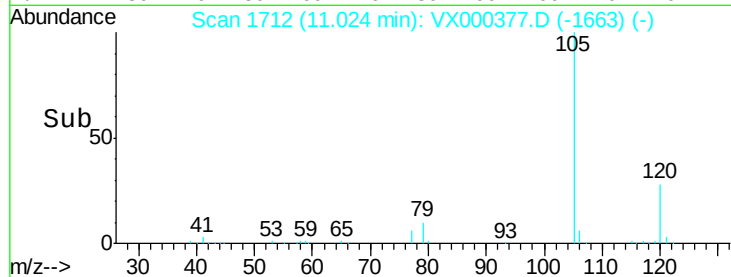
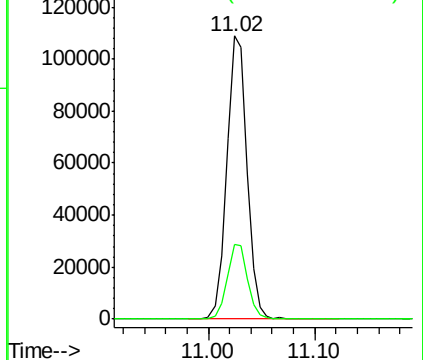
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.14 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Tgt Ion: 43 Resp: 74307

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

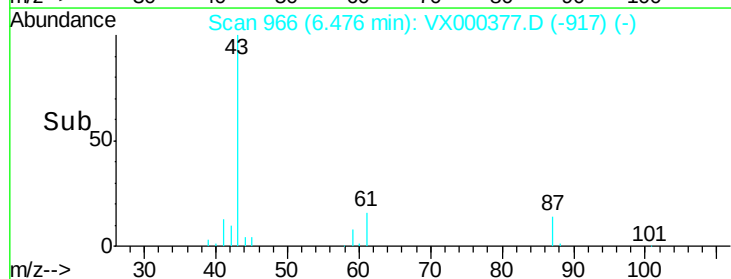
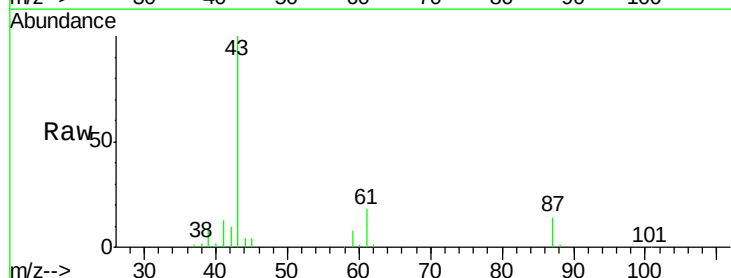
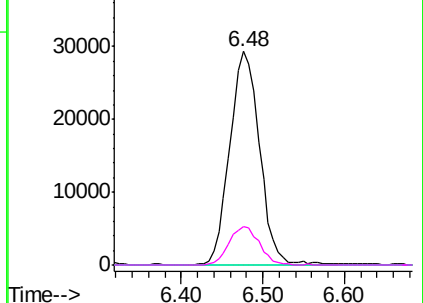
61 18.1 14.4 21.6

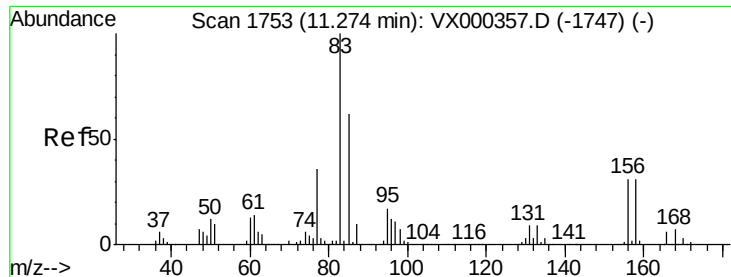
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.49 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

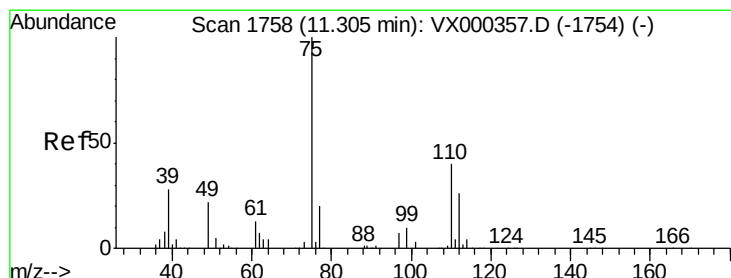
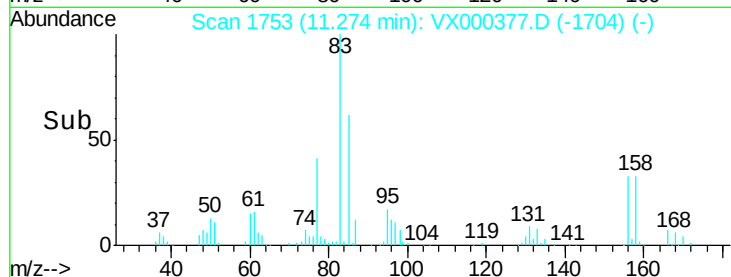
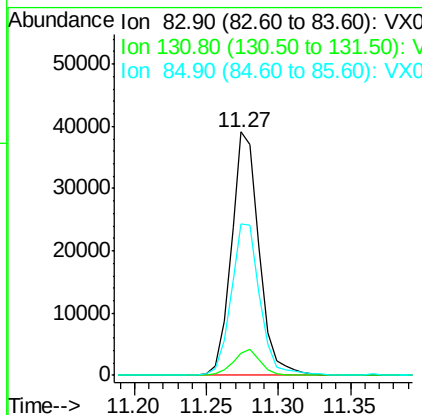
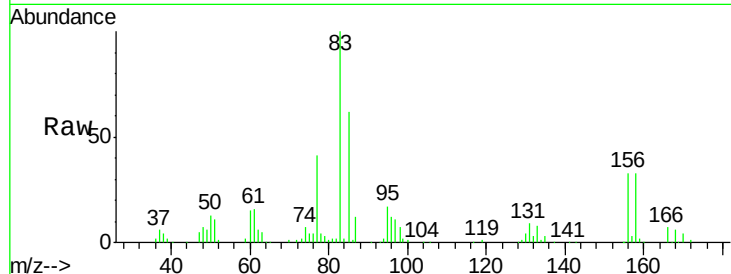
ClientSampleId :

VX0321WBS02

Tot Ion:	83	Resp:	52467
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	64.7	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.07 ug/l m

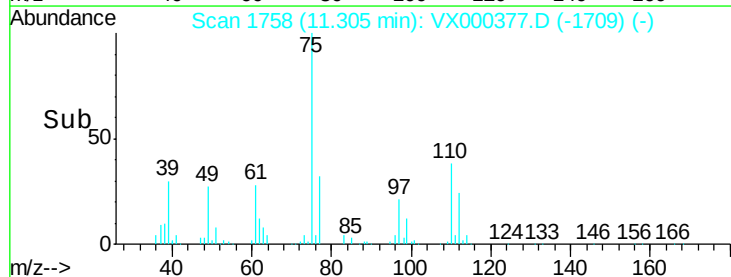
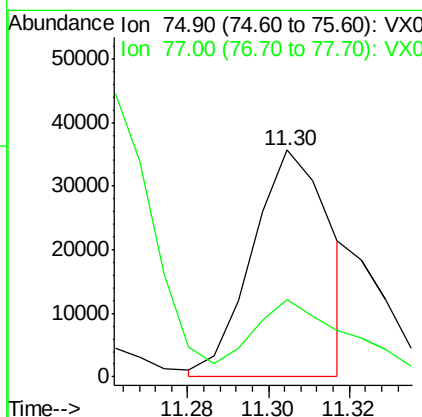
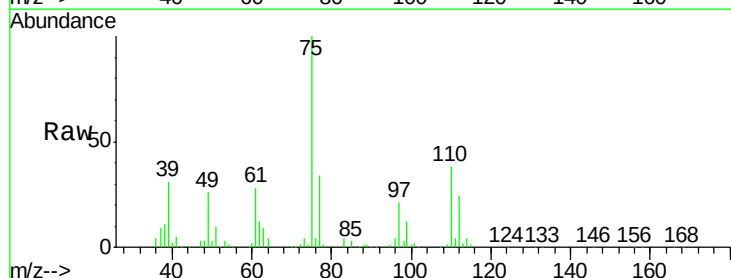
RT: 11.30 min Scan# 1758

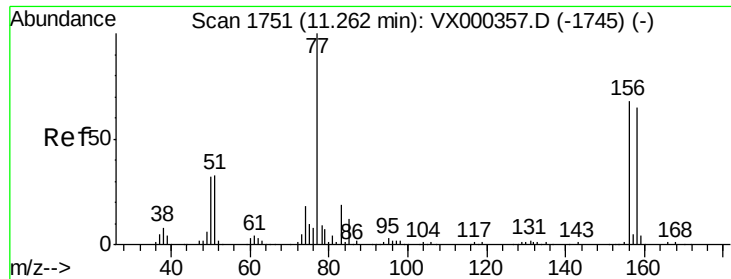
Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Tgt Ion:	75	Resp:	47222
Ion	Ratio	Lower	Upper
75	100		
77	42.8	21.4	64.2





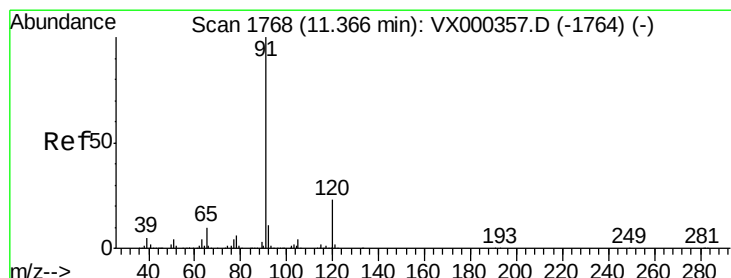
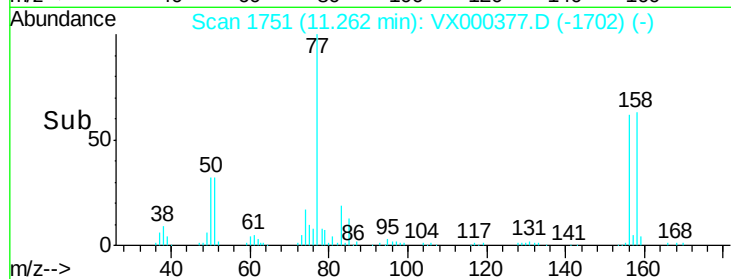
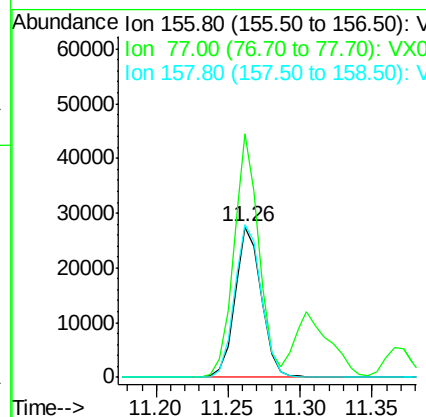
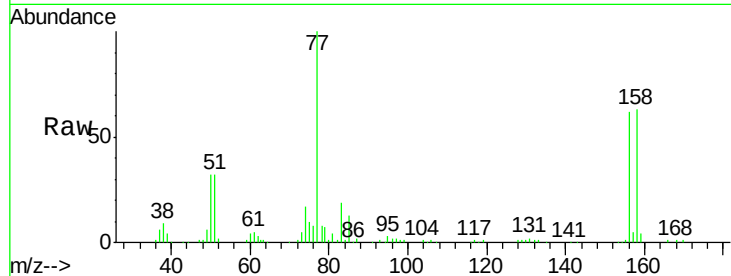
#77
Bromobenzene
Concen: 19.99 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.0	73.4	220.2
158	103.5	48.5	145.6

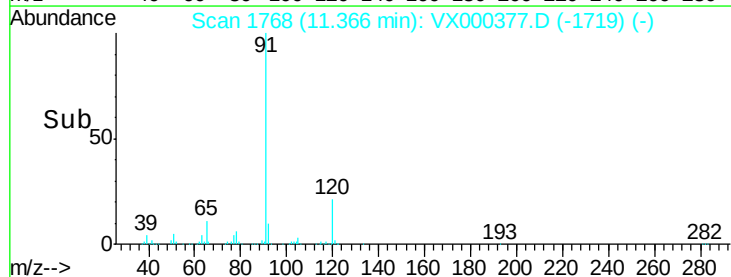
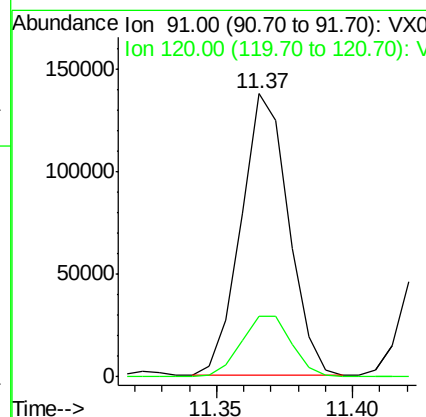
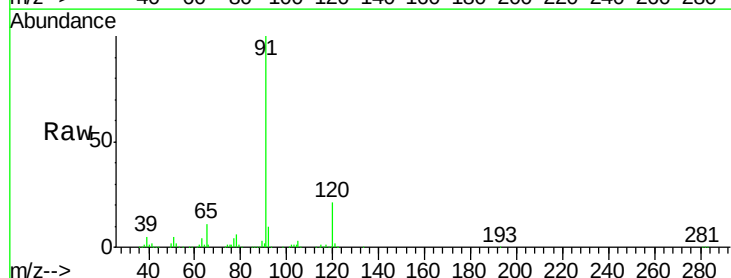
Manual Integrations
APPROVED

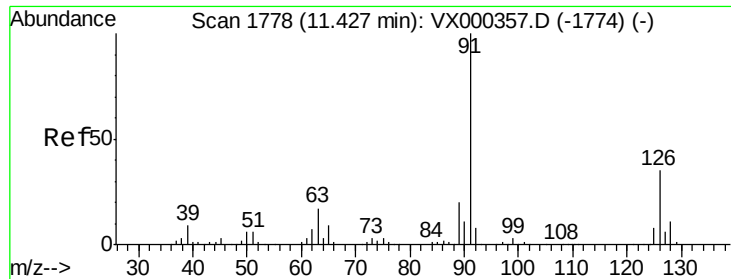
apatel
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#78
n-propylbenzene
Concen: 21.18 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.3





#79

2-Chlorotoluene

Concen: 21.01 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS02

Tot Ion: 91 Resp: 95484

Ion Ratio Lower Upper

91 100

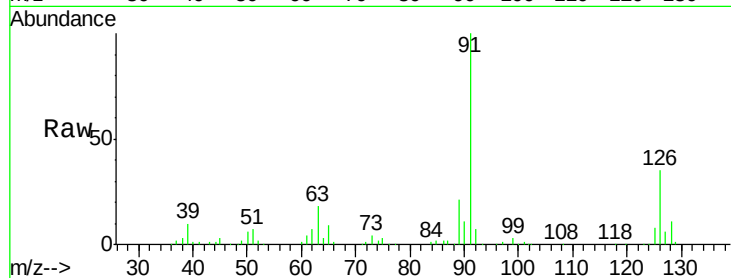
126 36.1 17.7 53.1

Manual Integrations

APPROVED

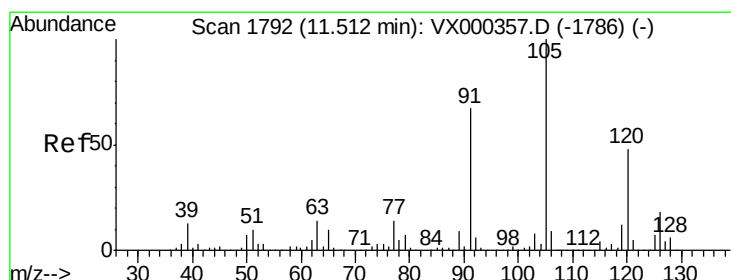
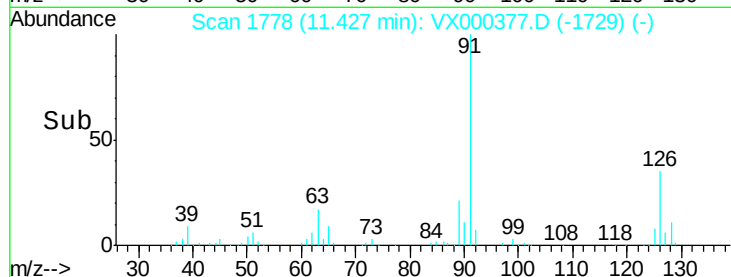
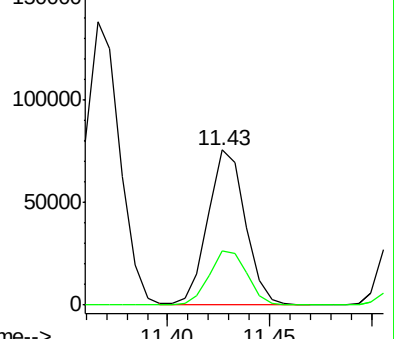
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.86 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000377.D

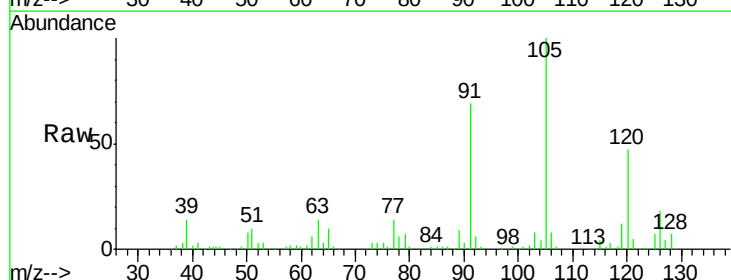
Acq: 21 Mar 2018 11:49

Tgt Ion: 105 Resp: 121231

Ion Ratio Lower Upper

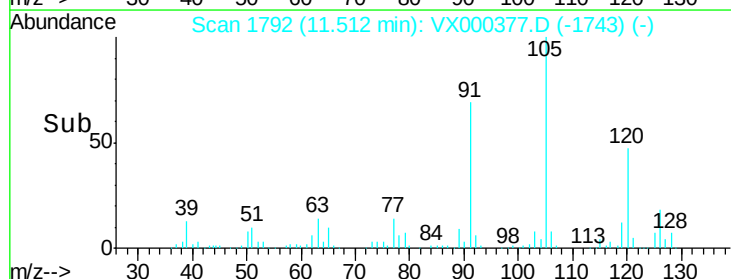
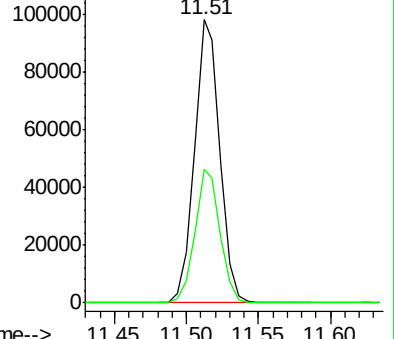
105 100

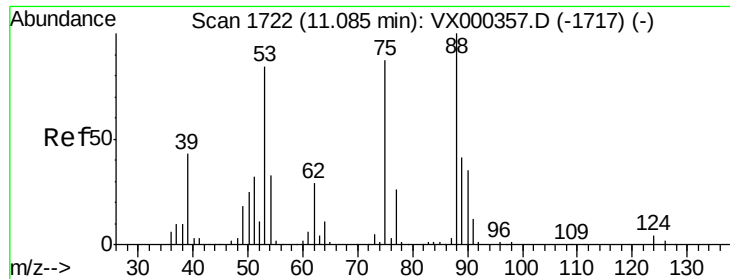
120 46.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.21 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000377.D

Acq: 21 Mar 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS02

Tot Ion: 75 Resp: 14019

Ion Ratio Lower Upper

75 100

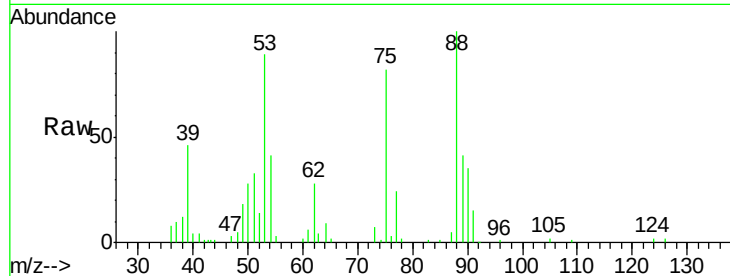
53 111.5 80.7 121.1

89 48.1 39.4 59.0

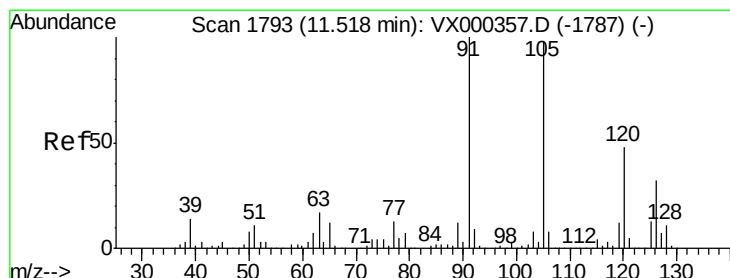
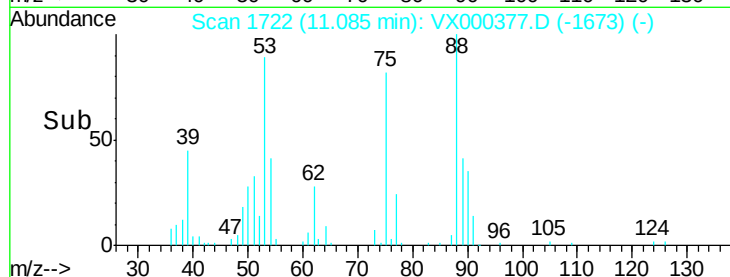
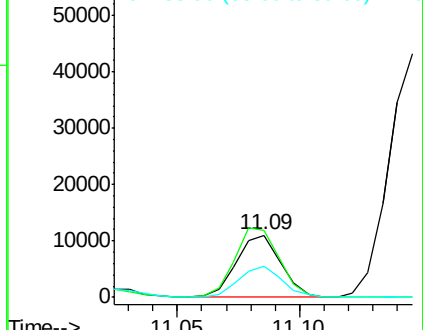
Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.08 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000377.D

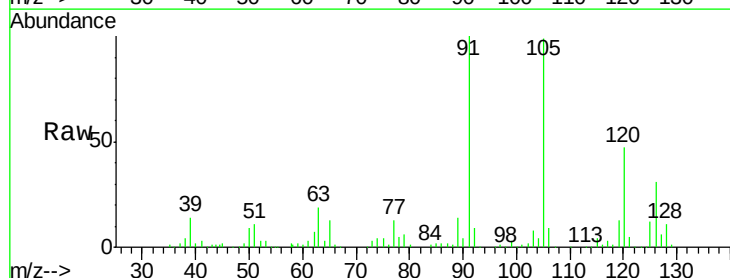
Acq: 21 Mar 2018 11:49

Tgt Ion: 91 Resp: 114357

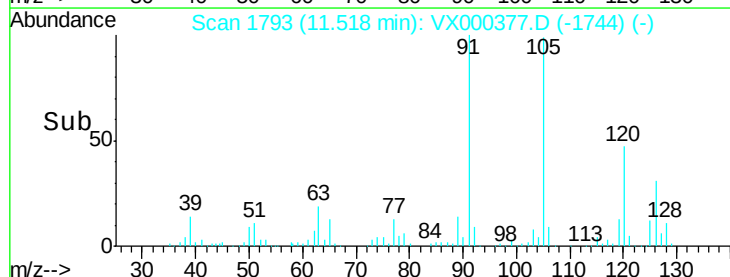
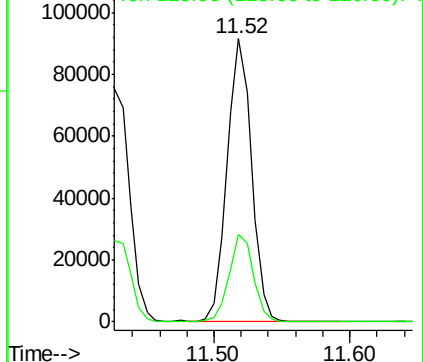
Ion Ratio Lower Upper

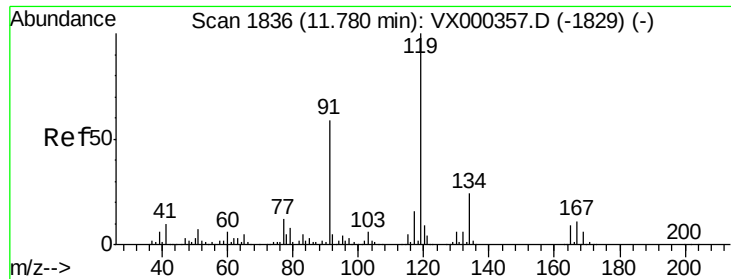
91 100

126 30.8 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





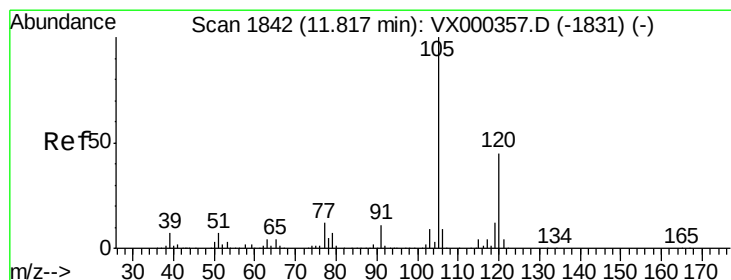
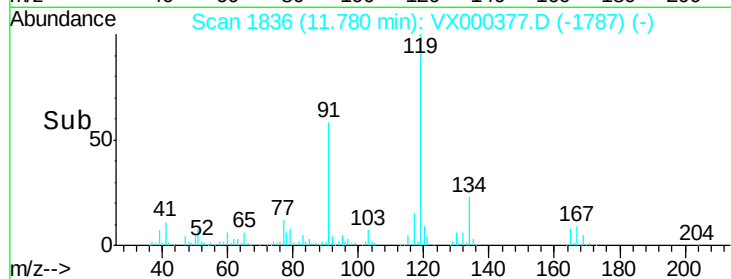
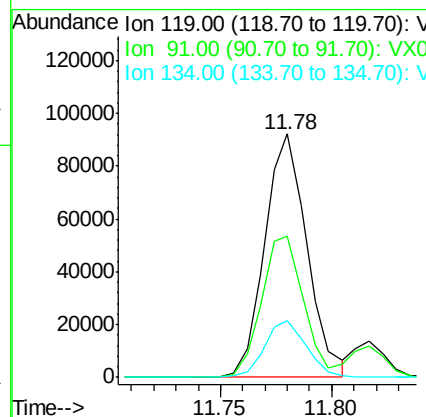
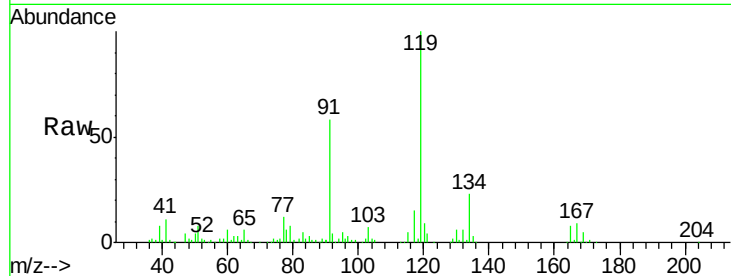
#83
 tert-Butylbenzene
 Concen: 21.70 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	121411		
91	57.6	28.8	86.4	
134	22.9	11.4	34.1	

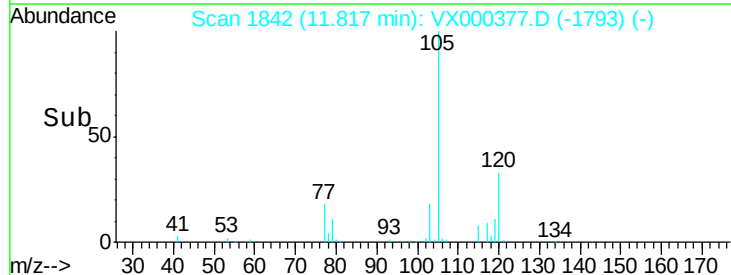
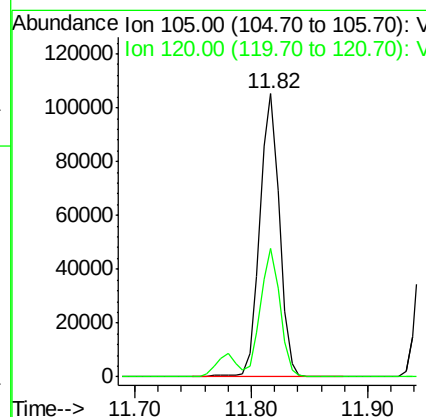
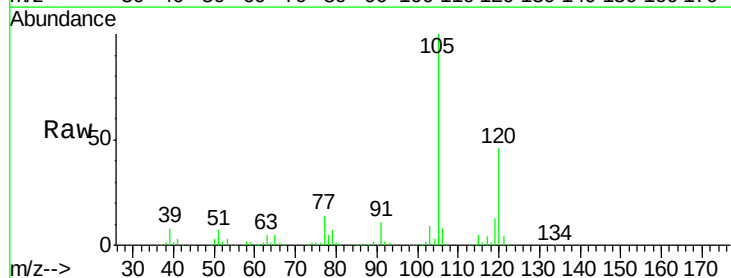
Manual Integrations
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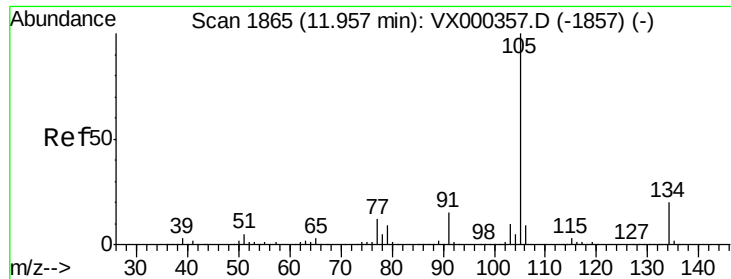
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.47 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	124865		
120	45.0	22.4	67.3	





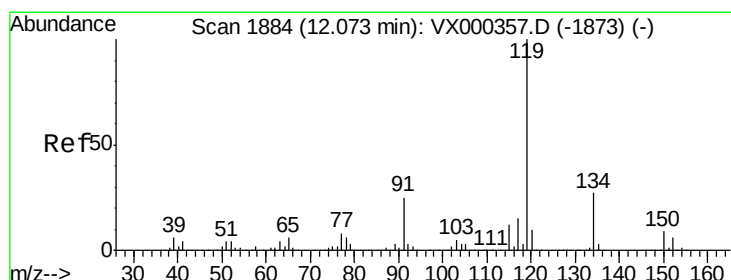
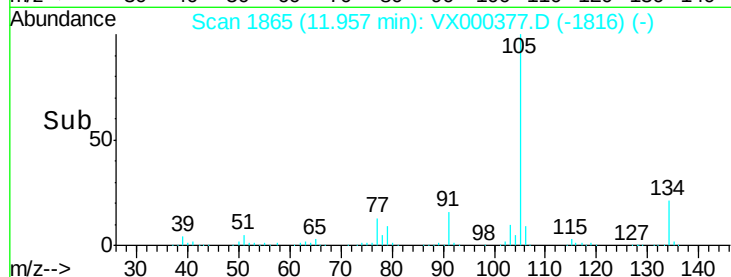
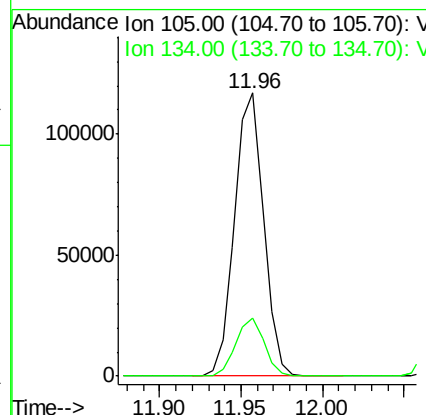
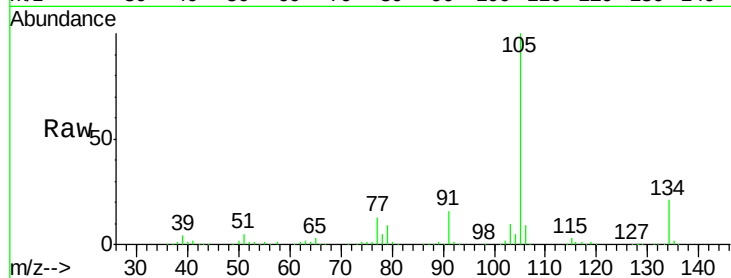
#85
 sec-Butylbenzene
 Concen: 20.92 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampled :
 VX0321WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.3	30.8

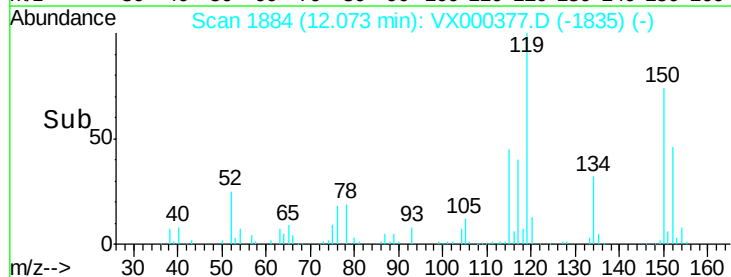
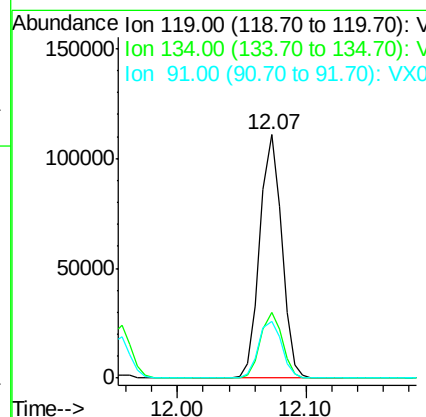
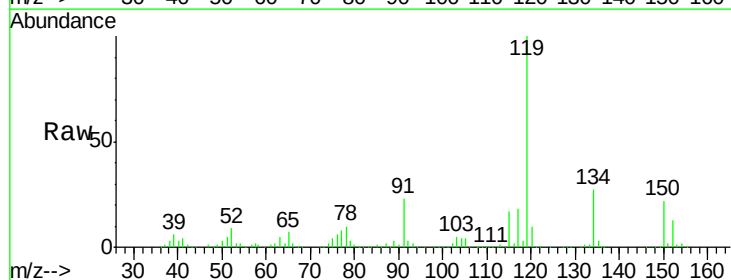
Manual Integrations
 APPROVED

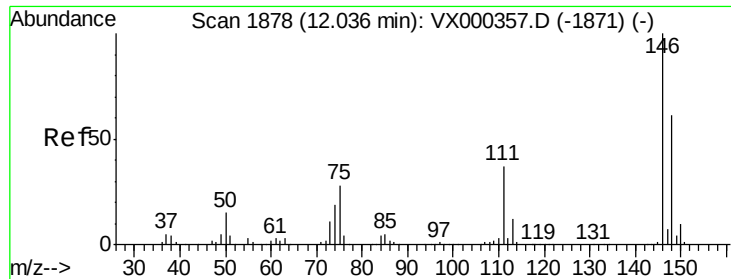
apatel
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#86
 p-Isopropyltoluene
 Concen: 21.05 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.9
91	24.7	12.0	36.1





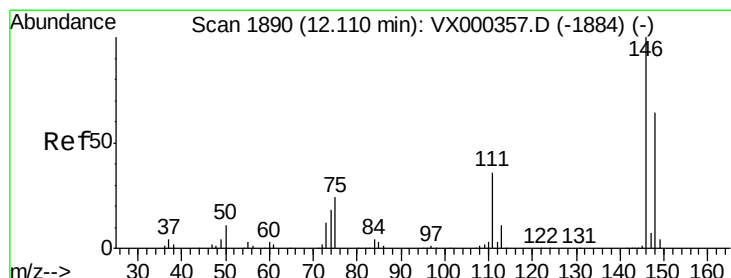
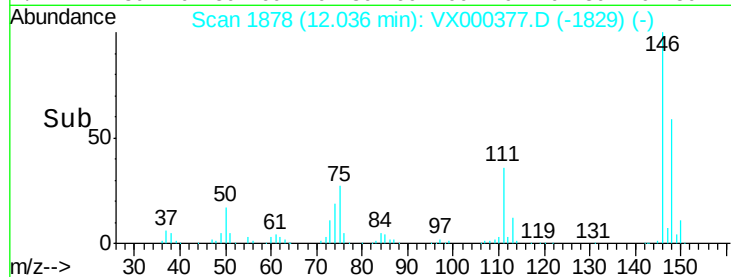
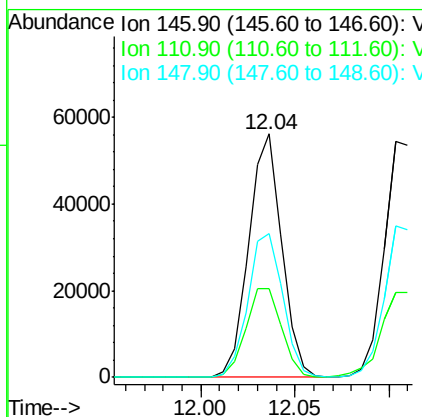
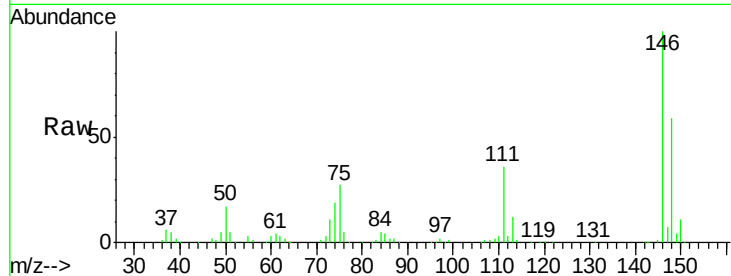
#87
 1,3-Dichlorobenzene
 Concen: 20.53 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampled :
 VX0321WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	62.8	32.4	97.0

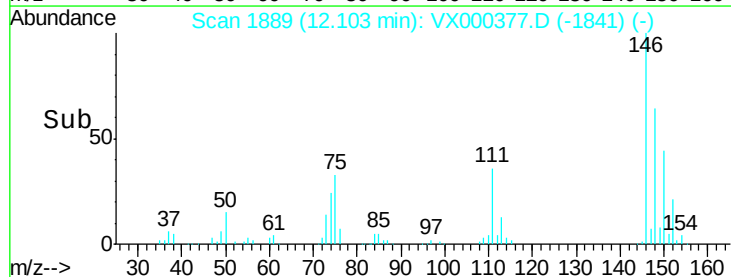
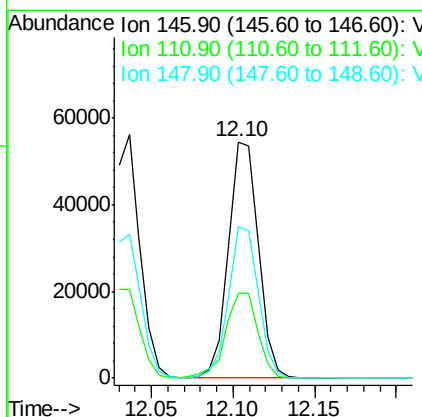
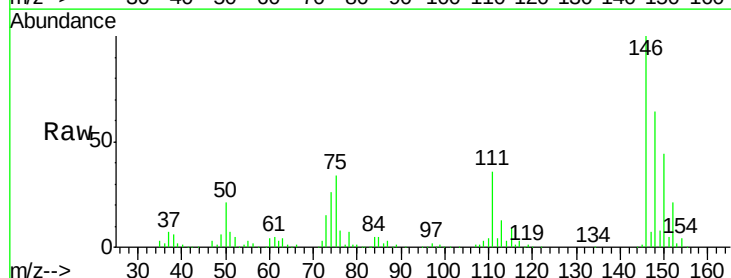
Manual Integrations
 APPROVED

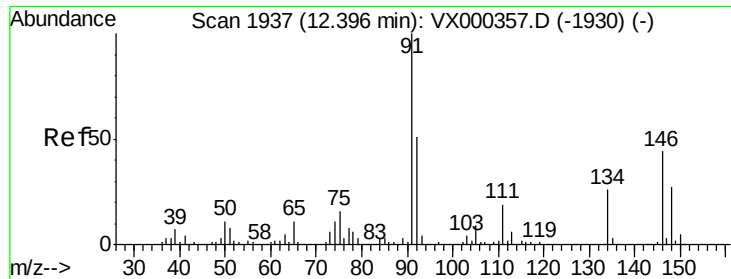
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	63.9	31.0	93.0





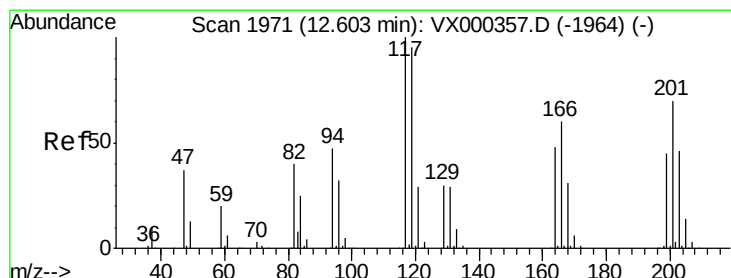
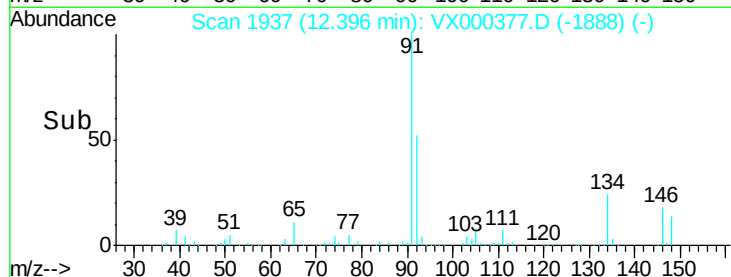
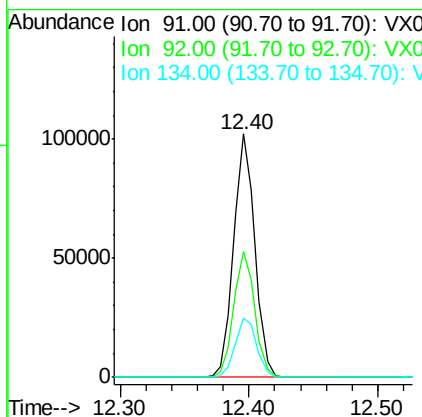
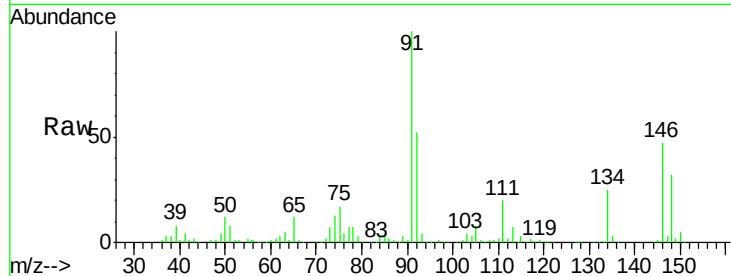
#89
n-Butylbenzene
Concen: 20.53 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampled :
VX0321WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	117511		
92	51.4	25.9	77.8	
134	25.0	13.1	39.3	

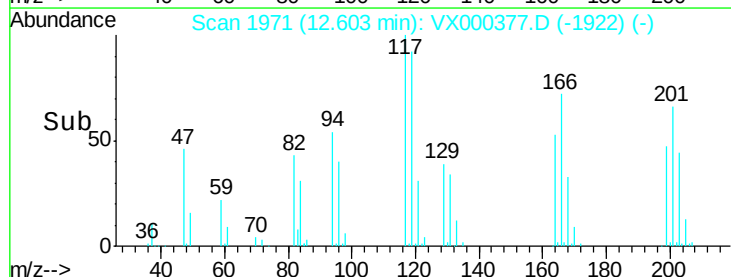
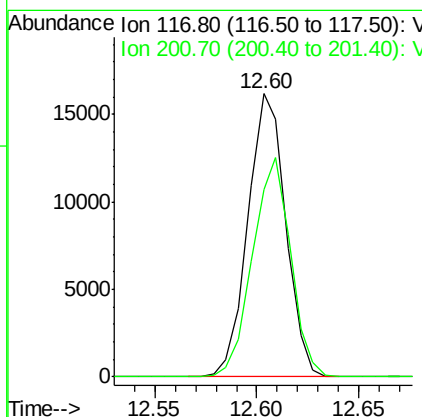
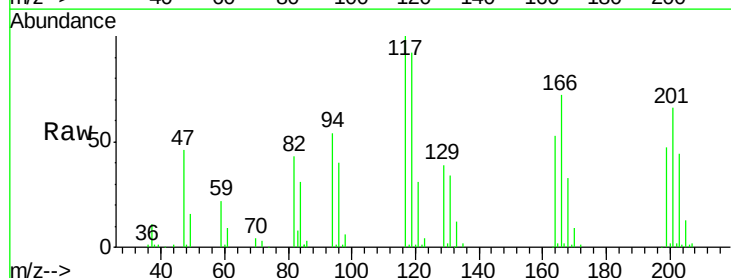
Manual Integrations
APPROVED

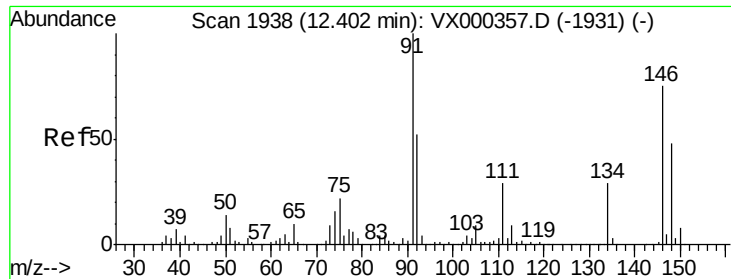
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#90
Hexachloroethane
Concen: 21.54 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	20839		
201	78.0	37.9	113.6	





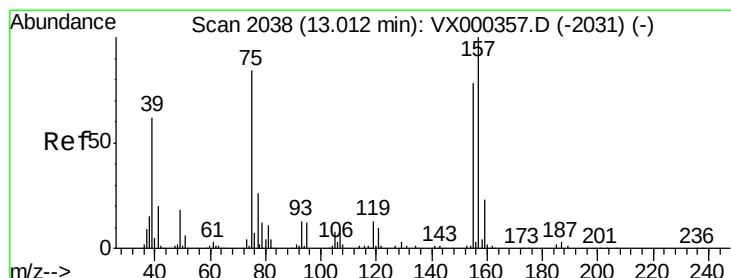
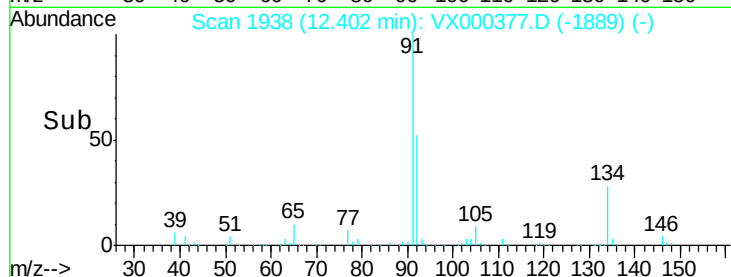
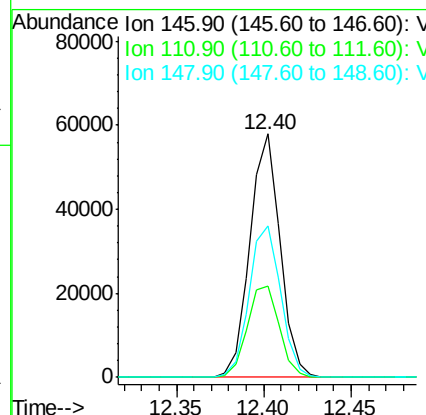
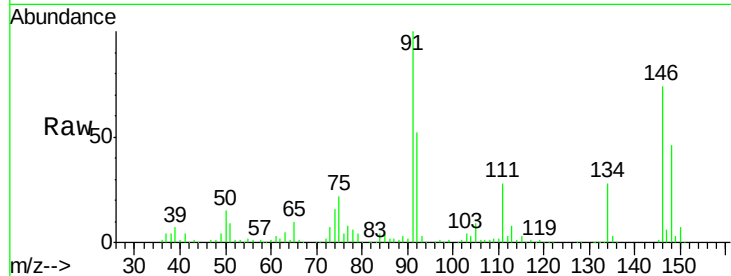
#91
 1,2-Dichlorobenzene
 Concen: 21.35 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	64.7	31.2	93.6

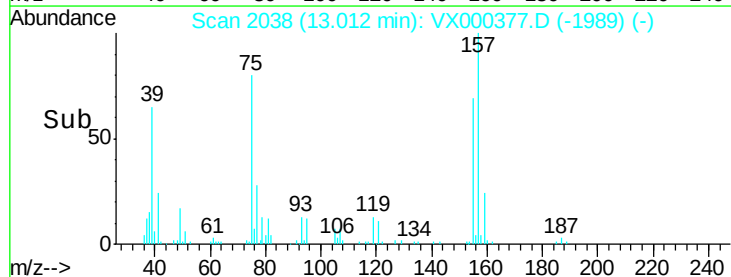
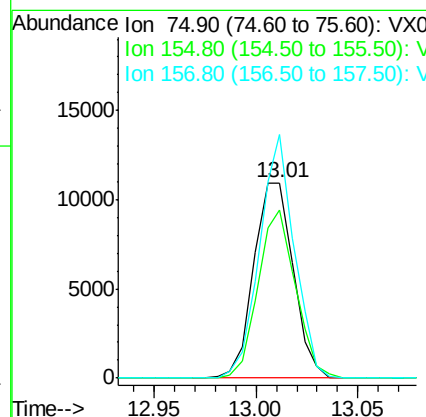
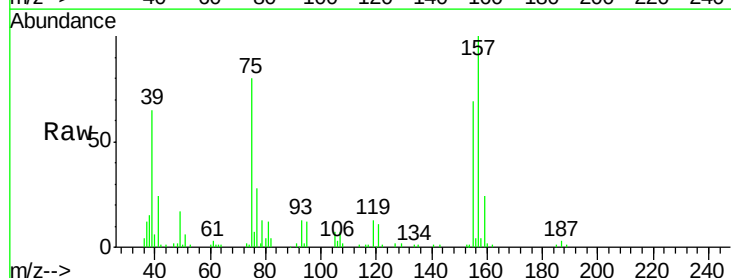
Manual Integrations
 APPROVED

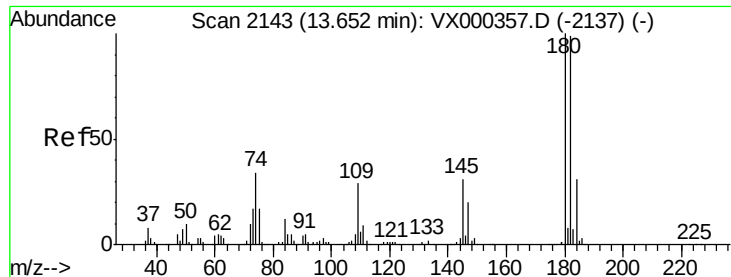
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.63 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.7	45.0	134.8
157	109.9	58.1	174.2





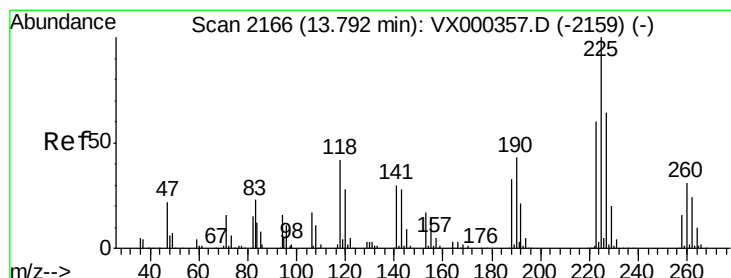
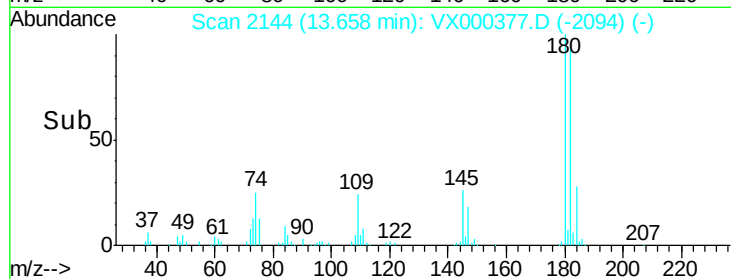
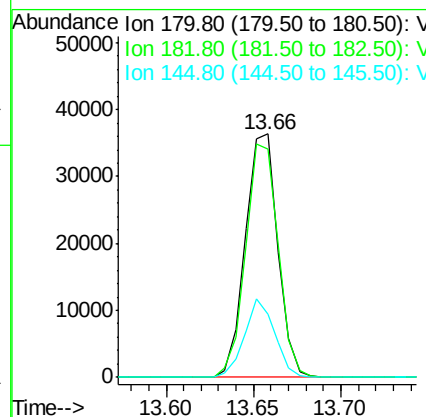
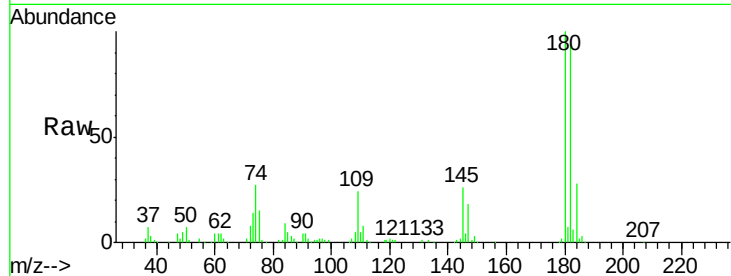
#93
 1,2,4-Trichlorobenzene
 Concen: 20.05 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.6	142.9
145	29.8	15.1	45.3

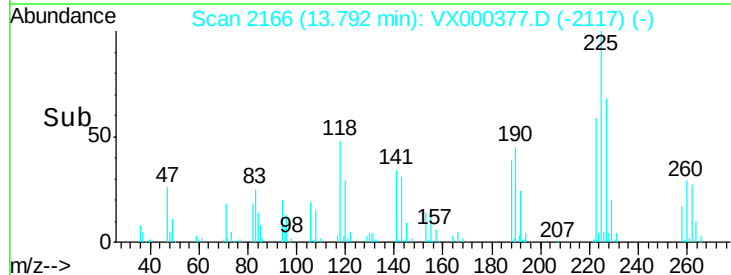
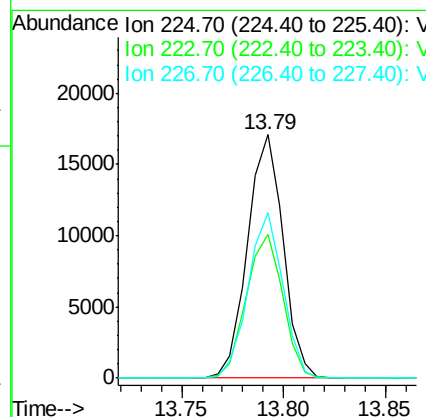
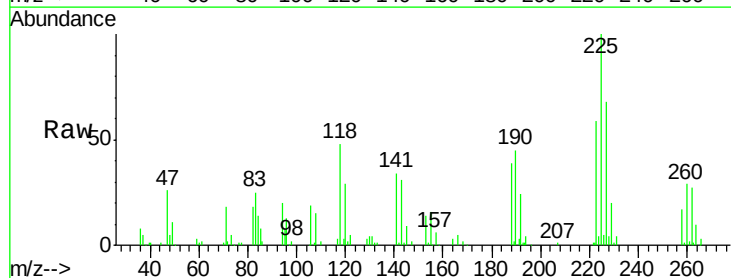
Manual Integrations
 APPROVED

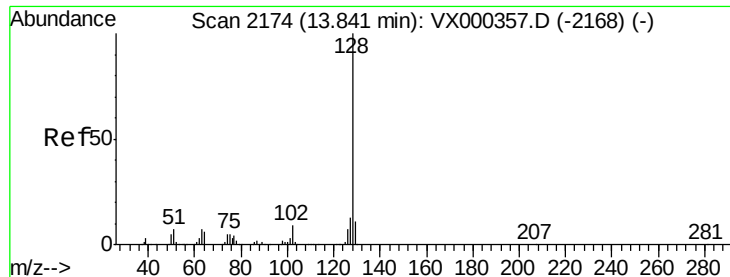
apatel
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#94
 Hexachlorobutadiene
 Concen: 21.36 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000377.D
 Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	32.0	96.0
227	66.4	32.6	98.0





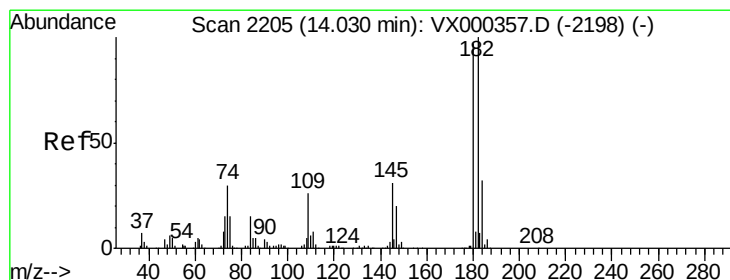
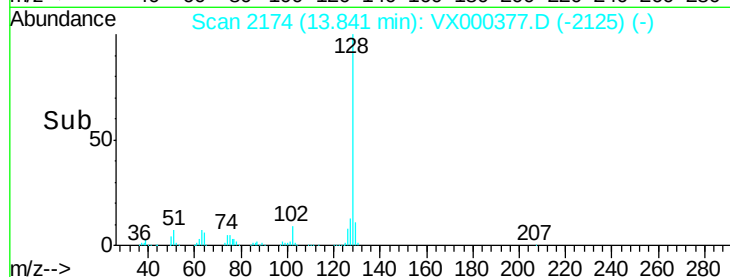
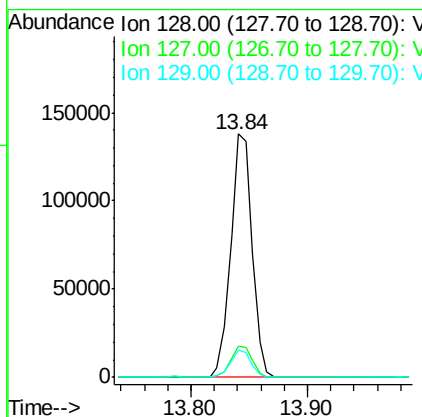
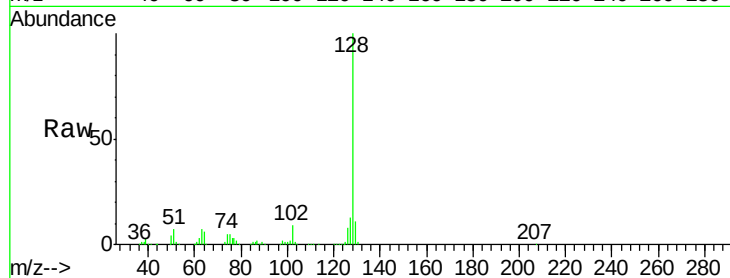
#95
Naphthalene
Concen: 21.61 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.7	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.15 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000377.D
Acq: 21 Mar 2018 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.4	142.3
145	30.4	15.8	47.3

