

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000561.D
 Acq On : 30 Mar 2018 15:20
 Operator : JC/MD
 Sample : VX0330WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Manual Integrations
 APPROVED

sam
 4/4/2018 6:10:58 PM

Quant Time: Apr 03 17:10:28 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	121308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	86298	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
35) Dibromofluoromethane	5.52	113	65752	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	8.73	98	272686	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.15	95	101190	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	21932	16.405	ug/l	94
3) Chloromethane	1.32	50	24740	17.565	ug/l	96
4) Vinyl Chloride	1.40	62	30691	20.623	ug/l	96
5) Bromomethane	1.64	94	39239	22.049	ug/l	96
6) Chloroethane	1.73	64	23209	27.548	ug/l	100
7) Trichlorofluoromethane	1.93	101	61474	22.886	ug/l	99
8) Diethyl Ether	2.19	74	22464	23.402	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32872	21.947	ug/l	99
10) Methyl Iodide	2.52	142	21146	17.306	ug/l	98
11) Tert butyl alcohol	3.08	59	69086	126.836	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30873	23.480	ug/l	98
13) Acrolein	2.30	56	25970	155.198	ug/l	98
14) Allyl chloride	2.73	41	55162	23.700	ug/l	100
15) Acrylonitrile	3.15	53	129821	117.678	ug/l	99
16) Acetone	2.45	43	161033	122.247	ug/l	99
17) Carbon Disulfide	2.57	76	78987	22.591	ug/l	96
18) Methyl Acetate	2.79	43	63755	23.086	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	112470	23.128	ug/l	97
20) Methylene Chloride	2.86	84	35221	23.149	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	33125	22.584	ug/l	95
22) Diisopropyl ether	3.88	45	68241	16.602	ug/l	98
23) Vinyl Acetate	3.84	43	326919	83.899	ug/l	99
24) 1,1-Dichloroethane	3.70	63	52141	20.176	ug/l	99
25) 2-Butanone	4.73	43	143844	97.150	ug/l	98
26) 2,2-Dichloropropane	4.59	77	33126	18.289	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	26141	19.069	ug/l	96
28) Bromochloromethane	5.03	49	21751	20.411	ug/l	100
29) Tetrahydrofuran	5.18	42	88095	96.703	ug/l	99
30) Chloroform	5.23	83	47355	19.552	ug/l	91
31) Cyclohexane	5.59	56	36624	18.332	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	42101	19.269	ug/l	98
36) 1,1-Dichloropropene	5.81	75	35083	18.722	ug/l	98
37) Ethyl Acetate	4.88	43	46795	18.282	ug/l	99
38) Carbon Tetrachloride	5.79	117	35020	17.814	ug/l	92

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Manual Integrations
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 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)
39) Methylcyclohexane	7.47	83	41432	18.181	ug/l	93
40) Benzene	6.15	78	104330	19.172	ug/l	99
41) Methacrylonitrile	5.07	41	24282	17.994	ug/l	99
42) 1,2-Dichloroethane	6.21	62	40094	18.779	ug/l	99
43) Isopropyl Acetate	6.48	43	70293	18.449	ug/l	99
44) Trichloroethene	7.22	130	29589	18.980	ug/l	95
45) 1,2-Dichloropropane	7.53	63	26620	19.111	ug/l	98
46) Dibromomethane	7.68	93	20476	18.728	ug/l	97
47) Bromodichloromethane	7.91	83	36544	18.998	ug/l	96
48) Methyl methacrylate	7.79	41	33996	18.379	ug/l	97
49) 1,4-Dioxane	7.77	88	16433	422.643	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	283361	96.082	ug/l	99
52) Toluene	8.79	92	71313	18.746	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	40932	18.363	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	39030	18.051	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	29941	19.139	ug/l	98
56) Ethyl methacrylate	9.19	69	43022	18.148	ug/l	99
57) 1,3-Dichloropropane	9.38	76	48496	19.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	107229	94.246	ug/l	97
59) 2-Hexanone	9.51	43	243705	97.320	ug/l	99
60) Dibromochloromethane	9.59	129	29538	18.758	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32312	19.260	ug/l	97
64) Tetrachloroethene	9.34	164	29957	18.556	ug/l	97
65) Chlorobenzene	10.15	112	85462	18.459	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	28305	18.001	ug/l	98
67) Ethyl Benzene	10.26	91	144692	18.436	ug/l	100
68) m/p-Xylenes	10.37	106	115738	37.476	ug/l	97
69) o-Xylene	10.71	106	55633	18.605	ug/l	96
70) Styrene	10.72	104	91644	18.522	ug/l	99
71) Bromoform	10.87	173	23074	17.509	ug/l #	95
73) Isopropylbenzene	11.02	105	150769	17.963	ug/l	99
74) N-amyl acetate	6.48	43	70293	17.043	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	54252	18.274	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	55810m	20.500	ug/l	
77) Bromobenzene	11.26	156	39788	17.795	ug/l	99
78) n-propylbenzene	11.37	91	181630	18.148	ug/l	99
79) 2-Chlorotoluene	11.43	91	101756	17.600	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	129570	18.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	13460	16.007	ug/l	89
82) 4-Chlorotoluene	11.52	91	128920	18.675	ug/l	100
83) tert-Butylbenzene	11.78	119	127573	17.923	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	137911	18.638	ug/l	99
85) sec-Butylbenzene	11.96	105	160226	18.193	ug/l	99
86) p-Isopropyltoluene	12.07	119	145287	18.575	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	77354	18.297	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	79888	17.998	ug/l	97
89) n-Butylbenzene	12.40	91	136443	18.735	ug/l	99
90) Hexachloroethane	12.60	117	20647	16.771	ug/l	90
91) 1,2-Dichlorobenzene	12.40	146	77623	18.728	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15221	18.384	ug/l	90

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Instrument :
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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)
93) 1,2,4-Trichlorobenzene	13.65	180	55238	18.590	ug/l	97
94) Hexachlorobutadiene	13.79	225	23048	18.733	ug/l	98
95) Naphthalene	13.84	128	189880	18.344	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	54496	18.560	ug/l	99

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

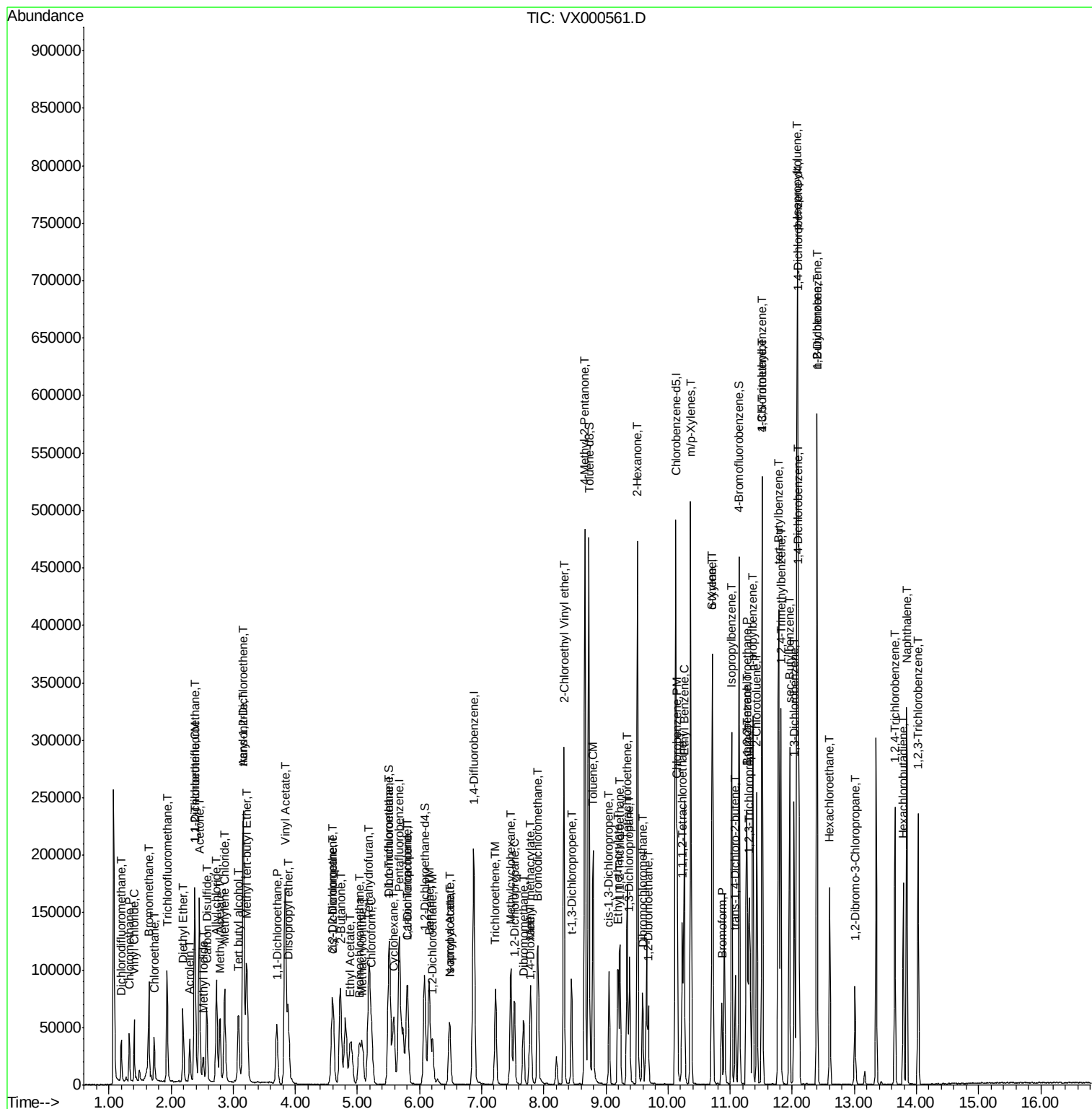
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
Data File : VX000561.D
Acq On : 30 Mar 2018 15:20
Operator : JC/MD
Sample : VX0330WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

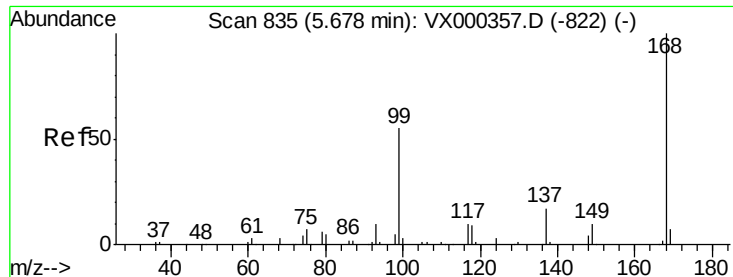
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Manual Integrations APPROVED

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Quant Time: Apr 03 17:10:28 2018
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

Tot Ion:168 Resp: 121308

Ion Ratio Lower Upper

168 100

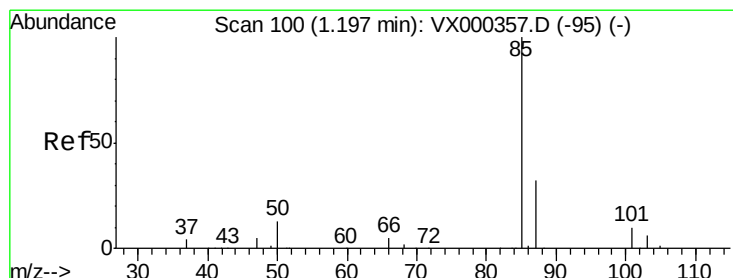
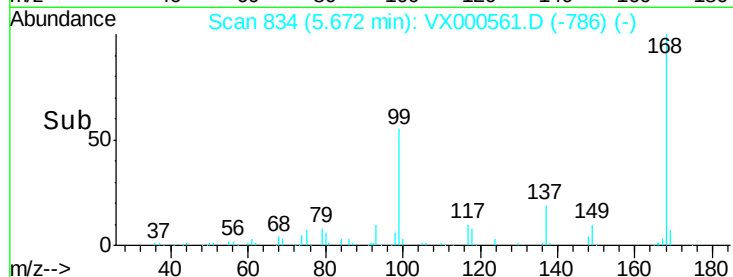
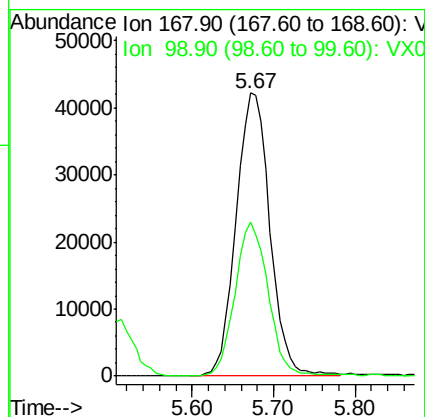
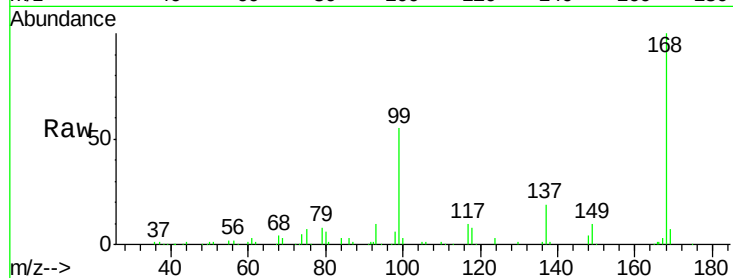
99 54.5 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 16.405 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000561.D

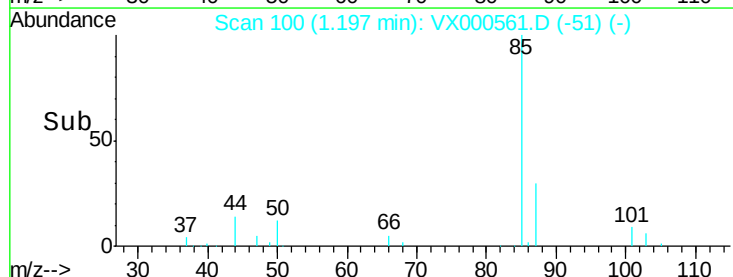
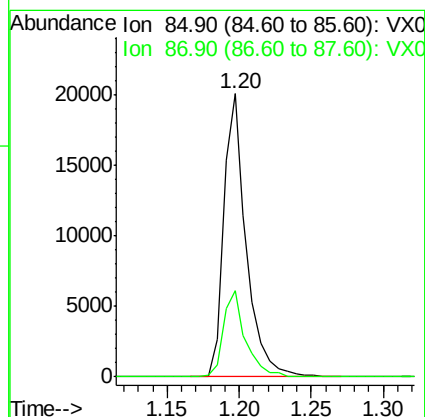
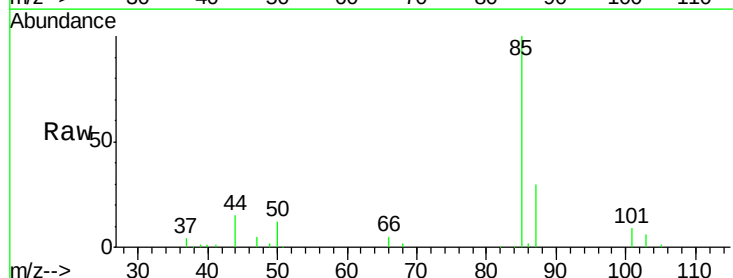
Acq: 30 Mar 2018 15:20

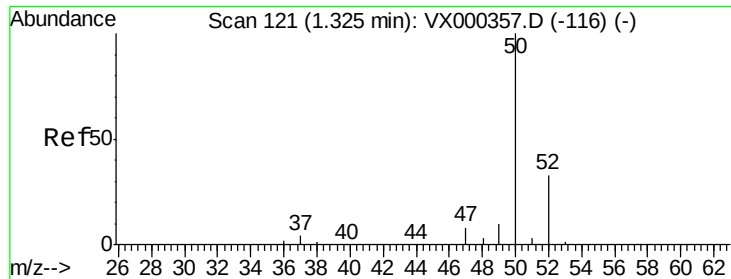
Tgt Ion: 85 Resp: 21932

Ion Ratio Lower Upper

85 100

87 30.3 16.8 50.3





#3

Chloromethane

Concen: 17.565 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

Tot Ion: 50 Resp: 24740

Ion Ratio Lower Upper

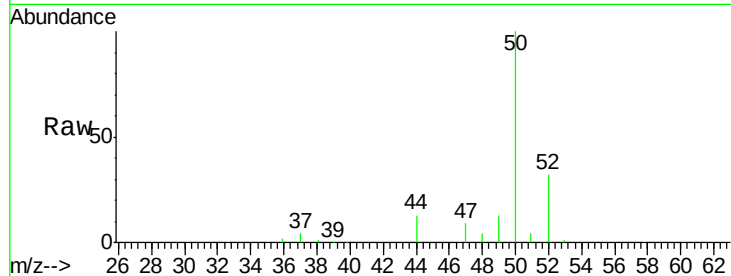
50 100

52 32.1 27.5 41.3

Manual Integrations
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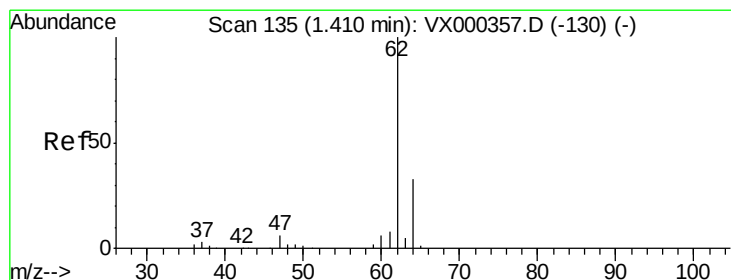
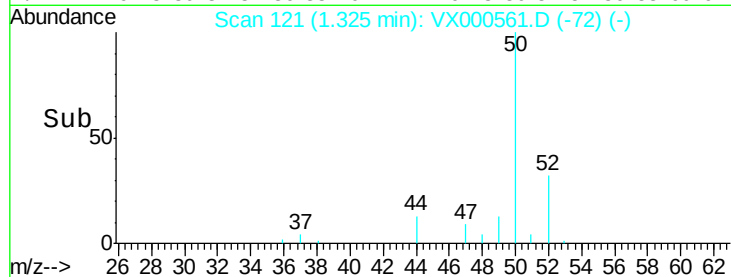
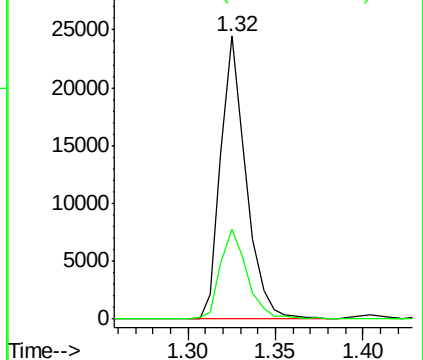
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.623 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000561.D

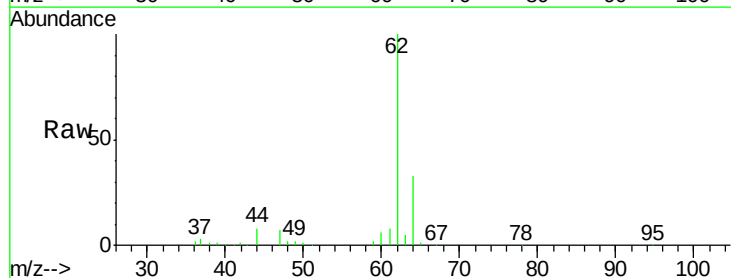
Acq: 30 Mar 2018 15:20

Tgt Ion: 62 Resp: 30691

Ion Ratio Lower Upper

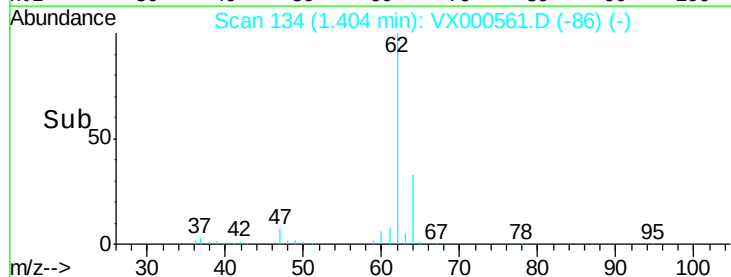
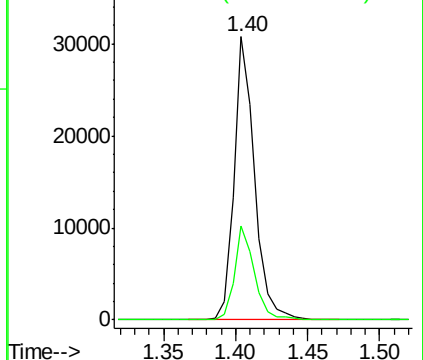
62 100

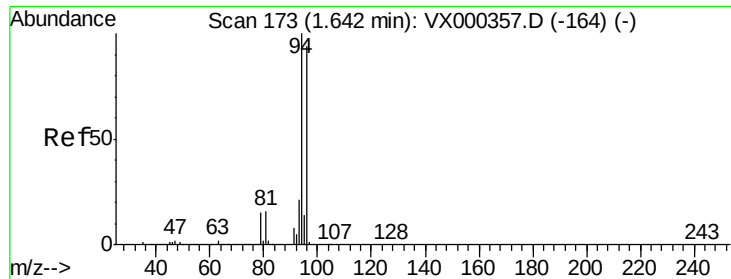
64 33.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.049 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

Tot Ion: 94 Resp: 39239

Ion Ratio Lower Upper

94 100

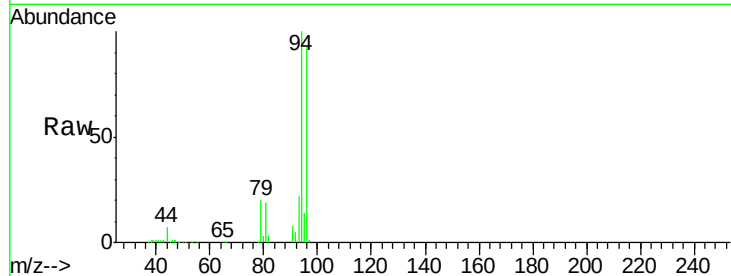
96 92.9 77.7 116.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

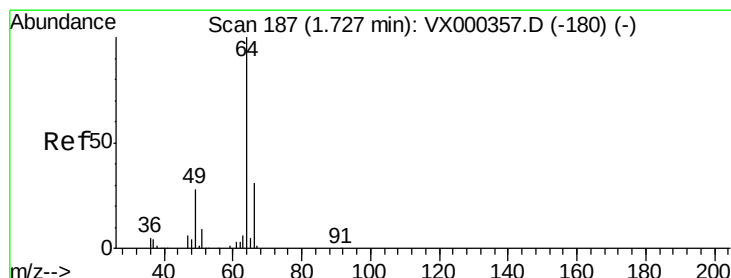
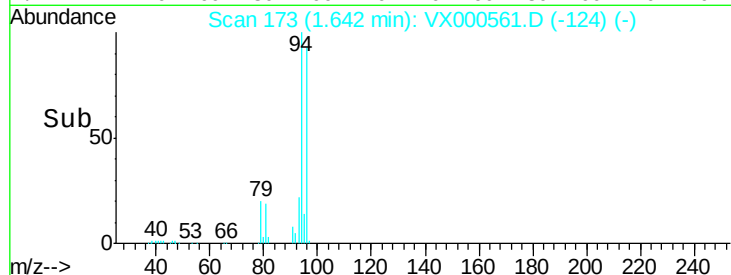
30000

20000

10000

0

Time--> 1.50 1.60 1.70



#6

Chloroethane

Concen: 27.548 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000561.D

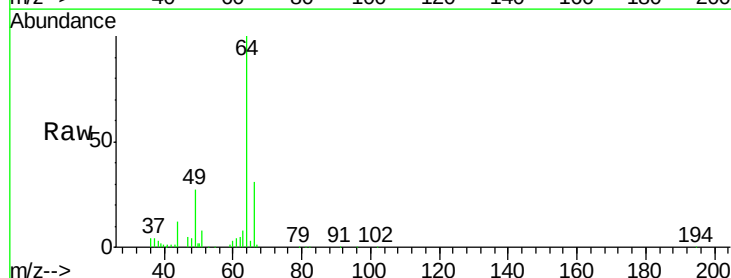
Acq: 30 Mar 2018 15:20

Tgt Ion: 64 Resp: 23209

Ion Ratio Lower Upper

64 100

66 30.9 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

20000

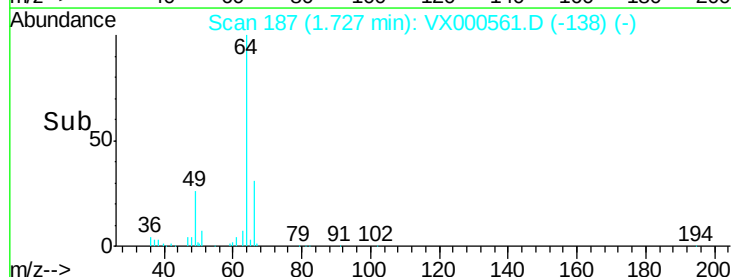
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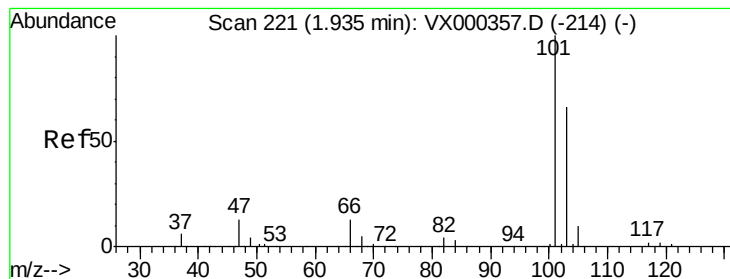
10000

5000

0

Time--> 1.65 1.70 1.75 1.80





#7

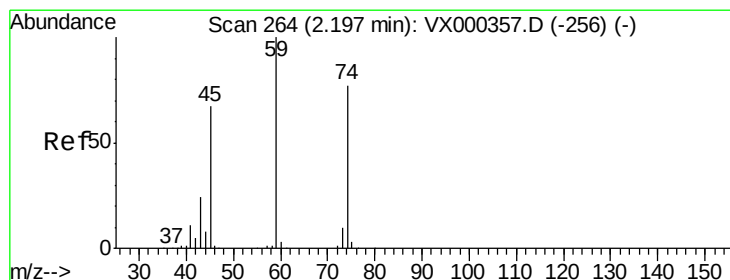
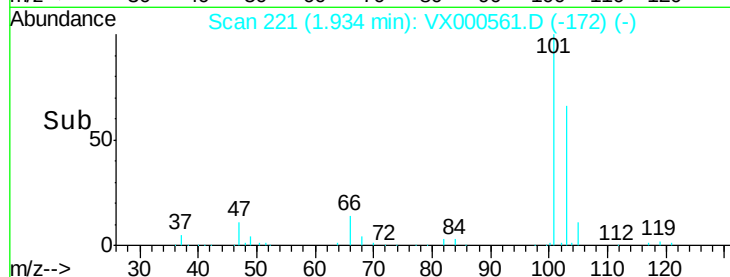
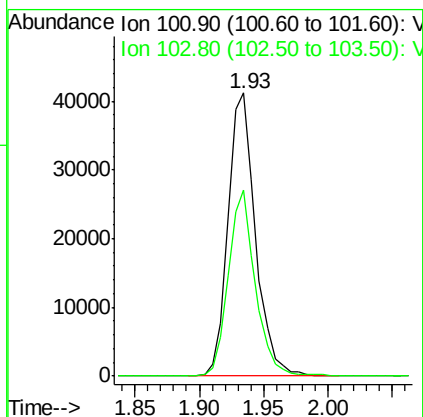
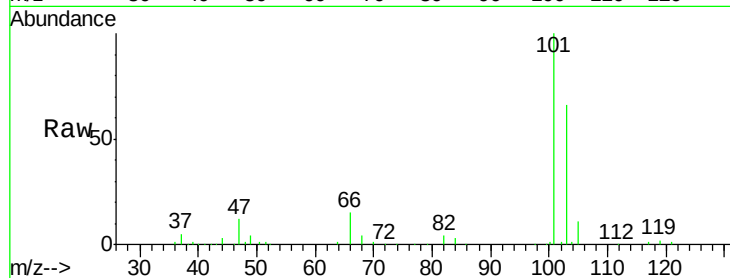
Trichlorofluoromethane
Concen: 22.886 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tot Ion:101 Resp: 61474
Ion Ratio Lower Upper
101 100
103 65.7 51.6 77.4

Manual Integrations
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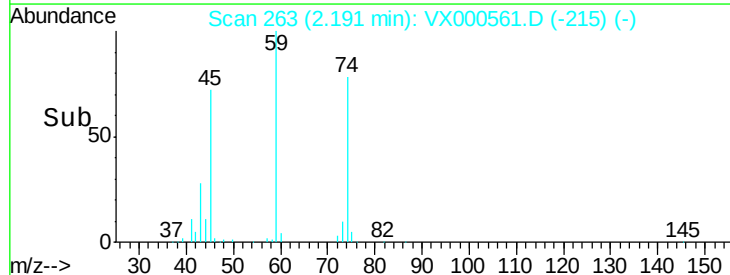
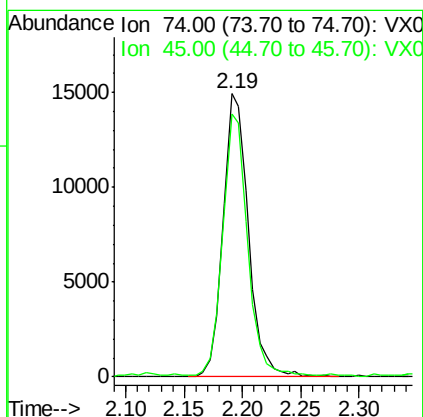
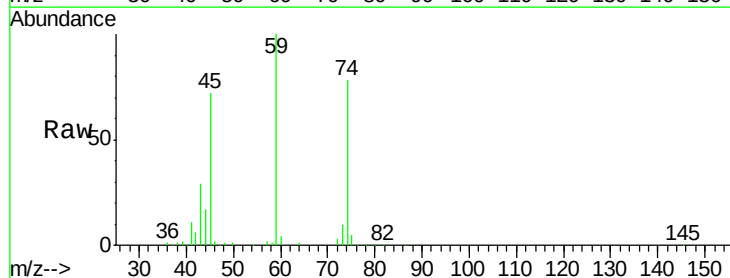
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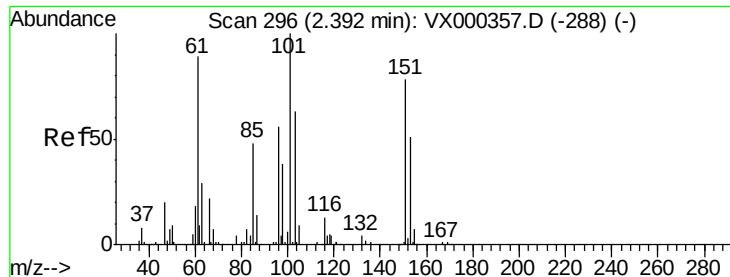


#8

Diethyl Ether
Concen: 23.402 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 74 Resp: 22464
Ion Ratio Lower Upper
74 100
45 90.0 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.947 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

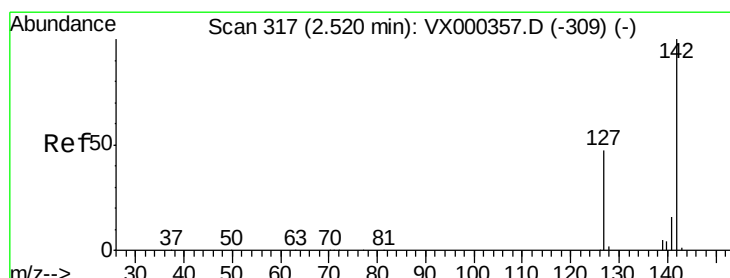
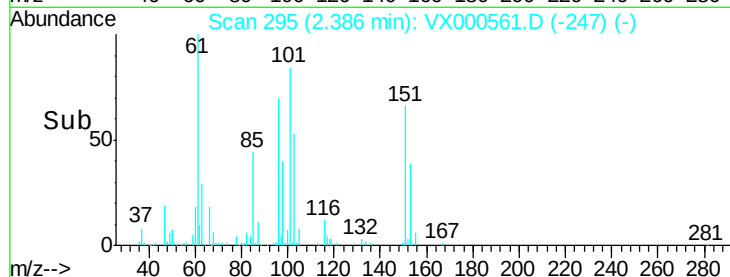
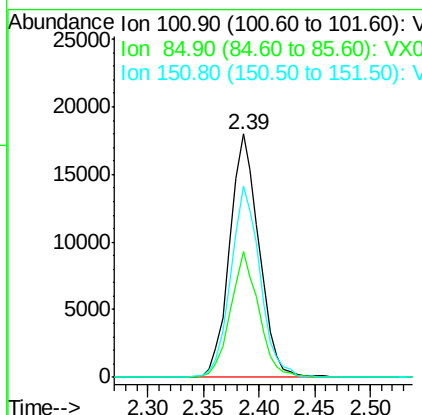
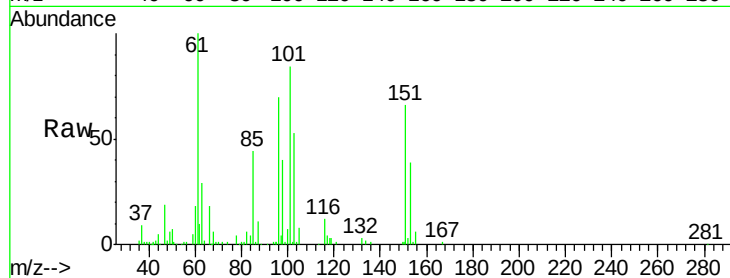
ClientSampleId :

VX0330WBS01

Tot Ion:	101	Resp:	32872
Ion Ratio	Lower	Upper	
101	100		
85	49.3	37.6	56.4
151	78.4	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 17.306 ug/l

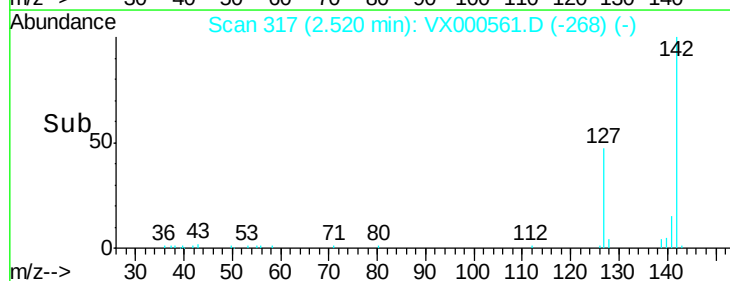
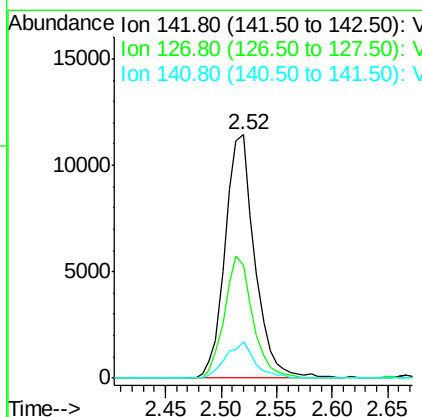
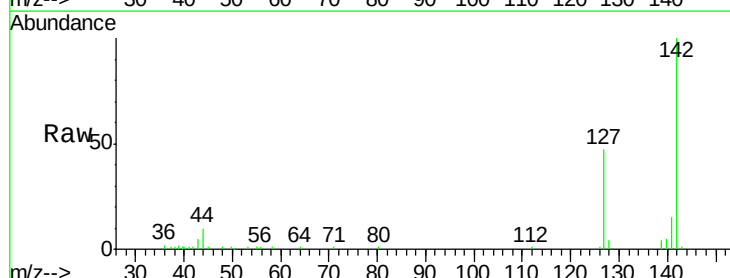
RT: 2.52 min Scan# 317

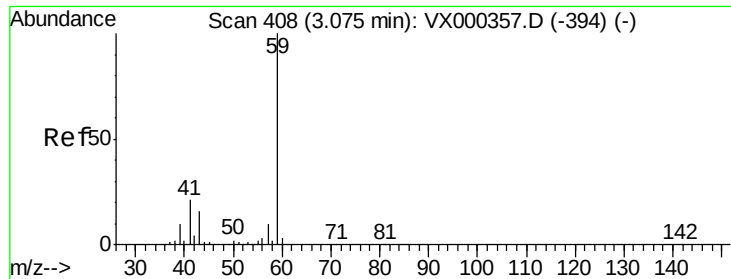
Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Tgt Ion:	142	Resp:	21146
Ion Ratio	Lower	Upper	
142	100		
127	47.6	39.2	58.8
141	14.3	11.7	17.5





#11

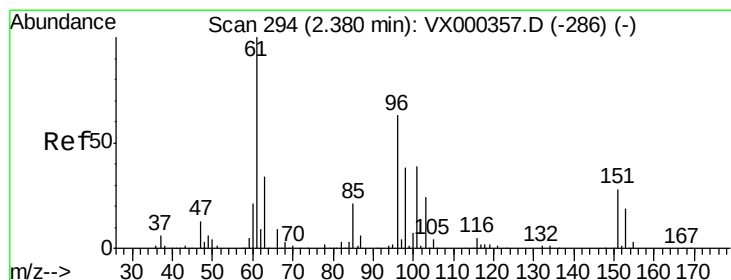
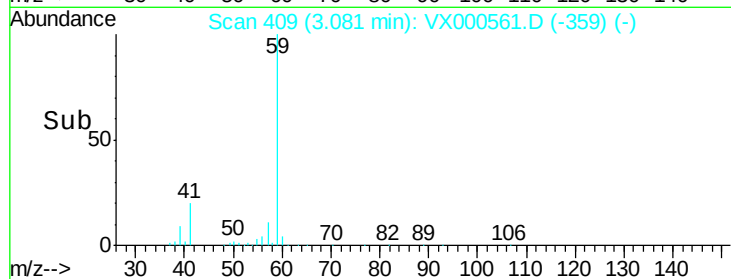
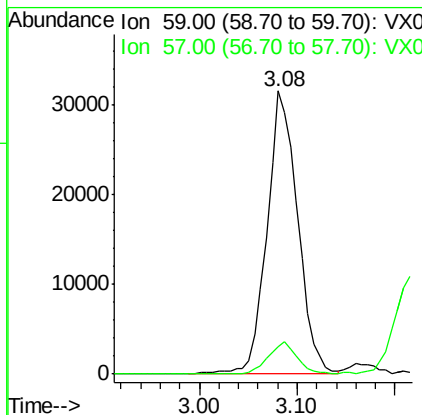
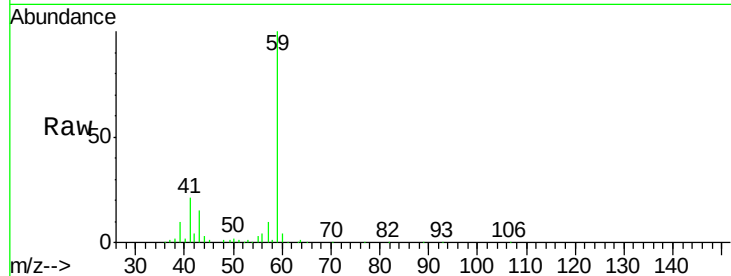
Tert butyl alcohol
 Concen: 126.836 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330WBS01

Tot Ion	59	Resp	69086
Ion Ratio	100	Lower	Upper
57	10.9	8.4	12.6

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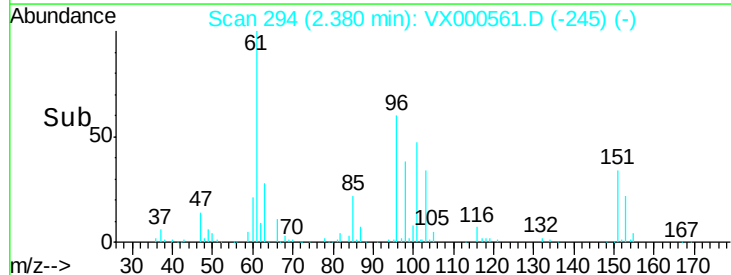
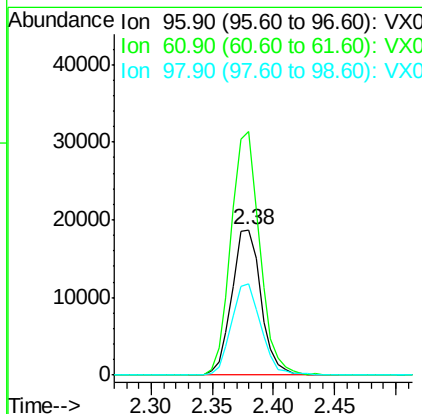
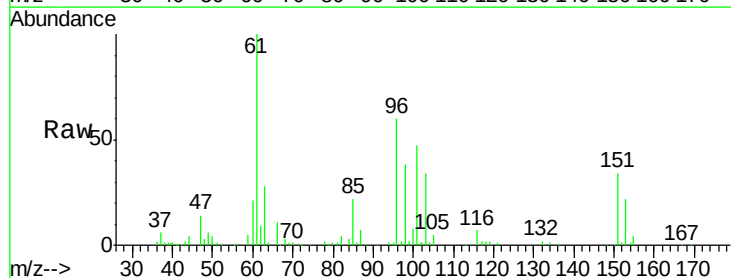
sam
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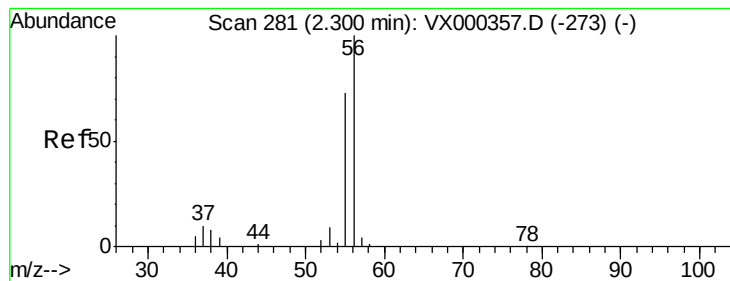


#12

1,1-Dichloroethene
 Concen: 23.480 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion	96	Resp	30873
Ion Ratio	100	Lower	Upper
61	167.3	131.2	196.8
98	63.0	49.8	74.8





#13

Acrolein

Concen: 155.198 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

Tot Ion: 56 Resp: 25970

Ion Ratio Lower Upper

56 100

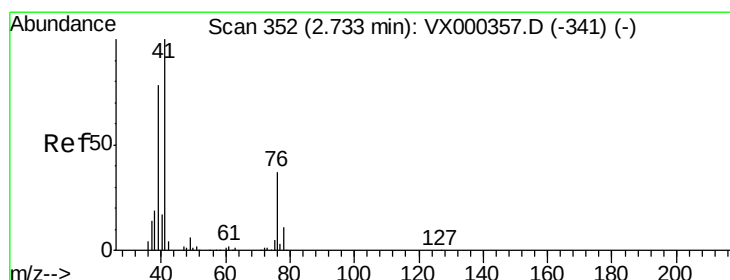
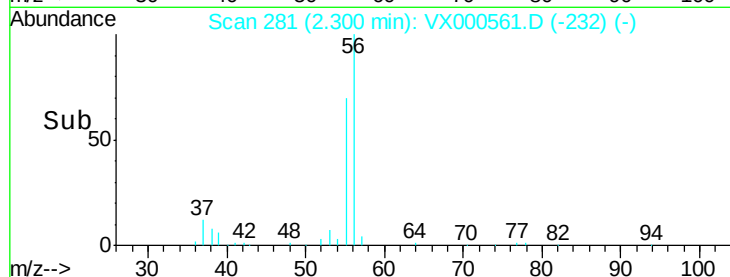
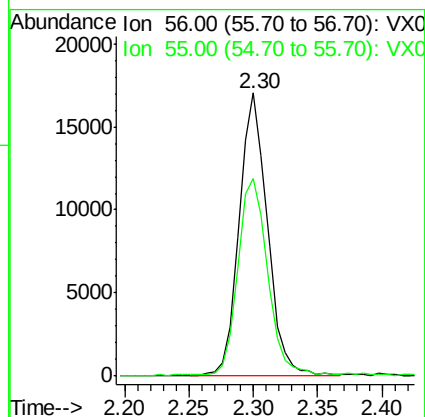
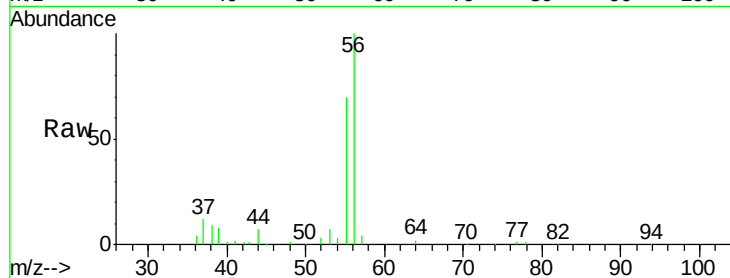
55 71.7 58.8 88.2

Manual Integrations

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#14

Allyl chloride

Concen: 23.700 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

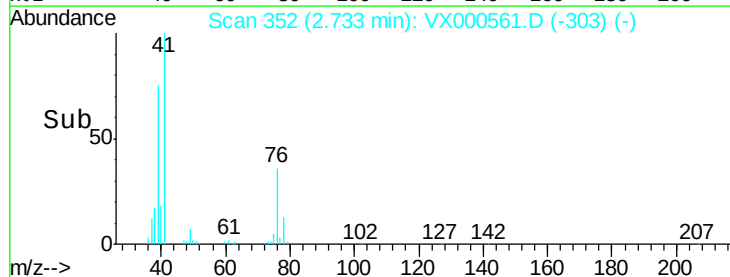
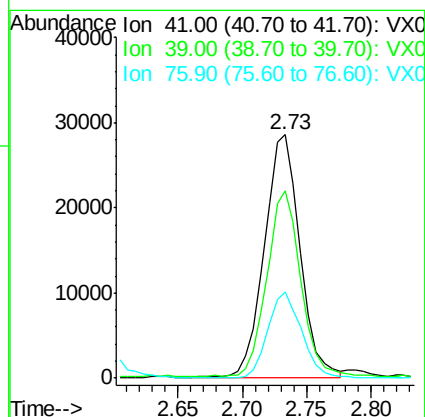
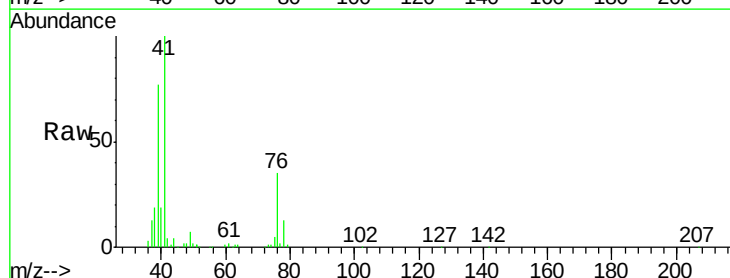
Tgt Ion: 41 Resp: 55162

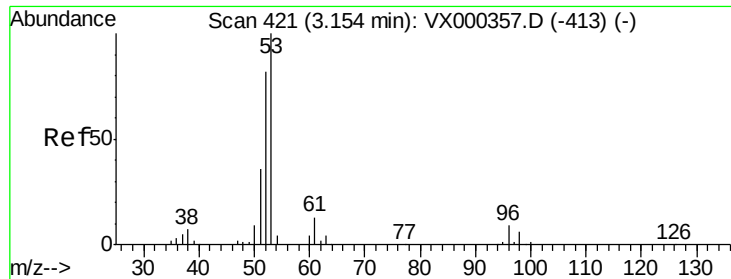
Ion Ratio Lower Upper

41 100

39 72.0 57.6 86.4

76 33.6 27.3 40.9





#15

Acrylonitrile

Concen: 117.678 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

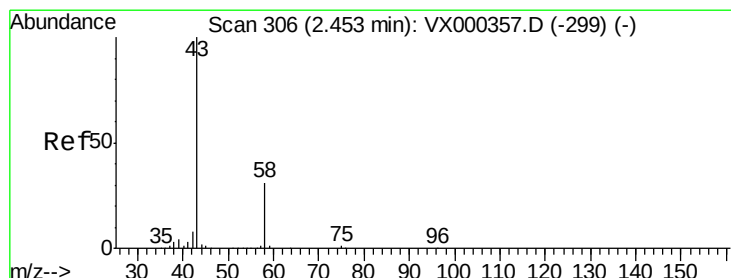
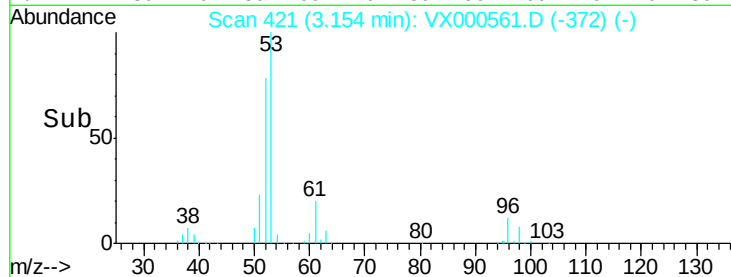
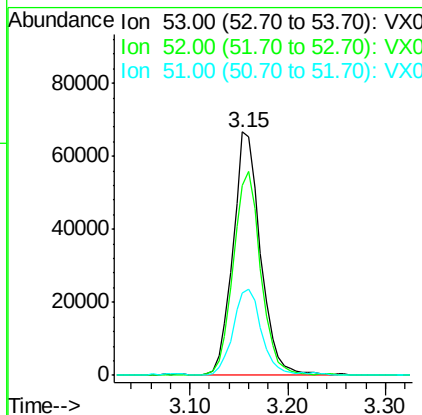
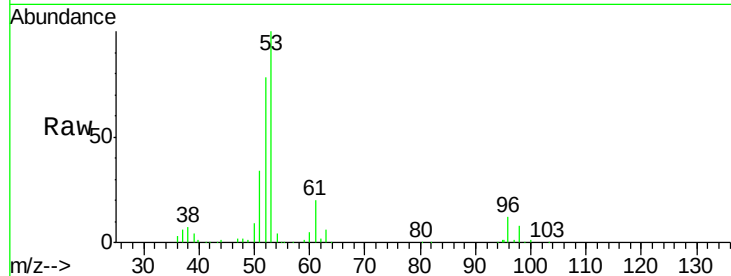
ClientSampled :

VX0330WBS01

Tot Ion:	53	Resp:	129821
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.6	99.8
51	37.6	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 122.247 ug/l

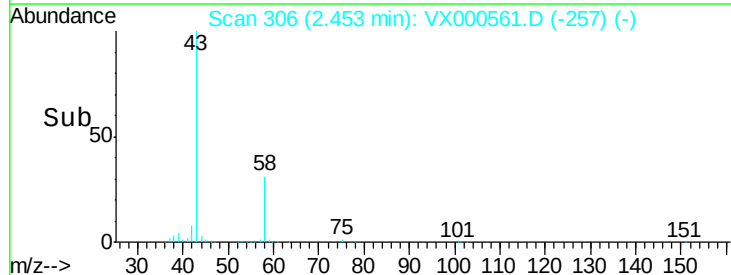
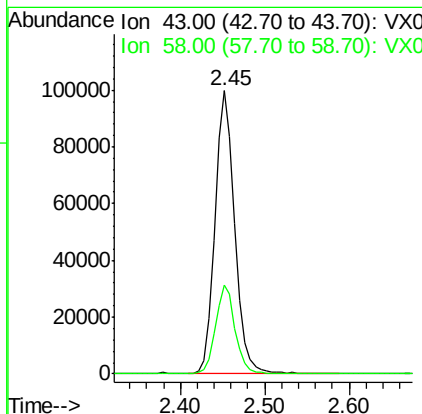
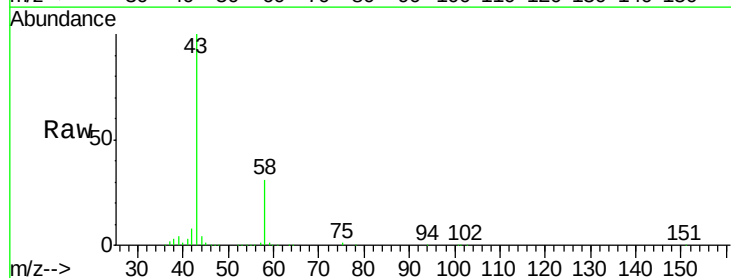
RT: 2.45 min Scan# 306

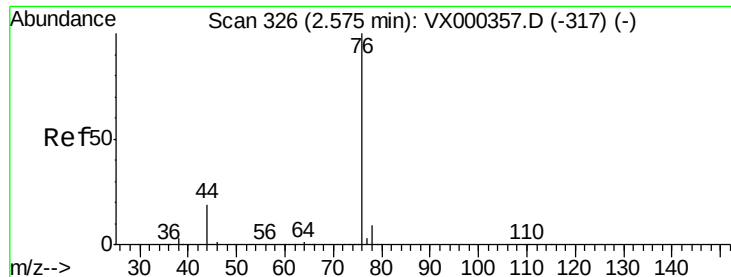
Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Tgt Ion:	43	Resp:	161033
Ion Ratio	Lower	Upper	
43	100		
58	31.3	24.7	37.1





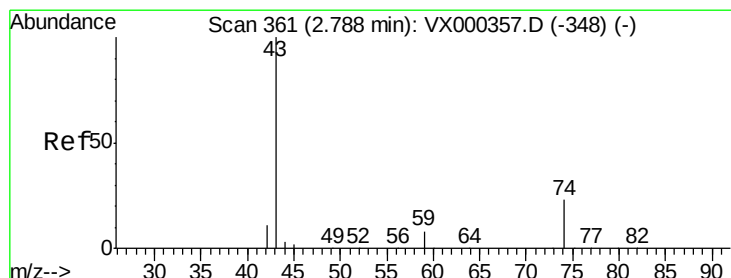
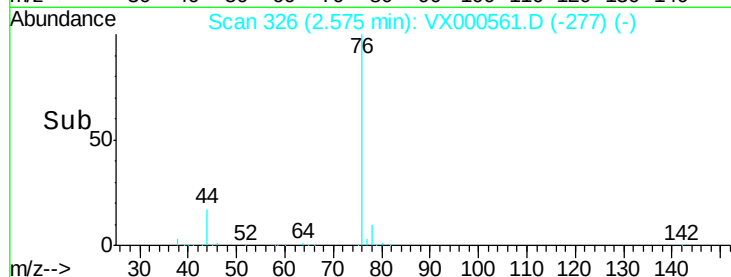
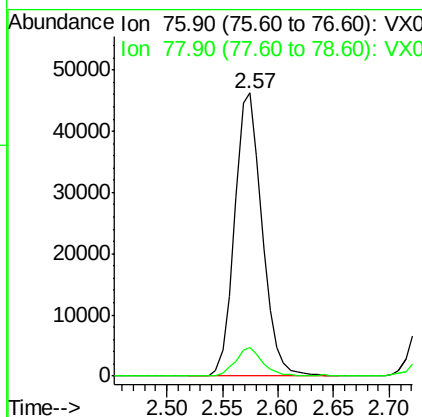
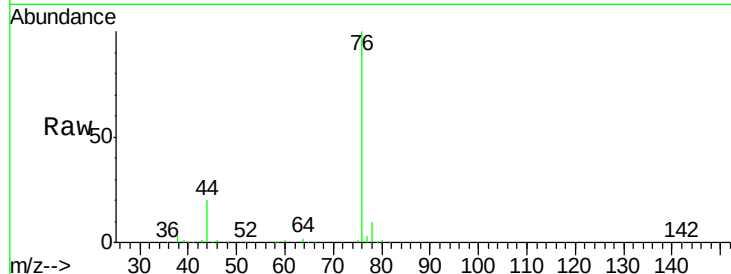
#17
Carbon Disulfide
Concen: 22.591 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.0	10.6

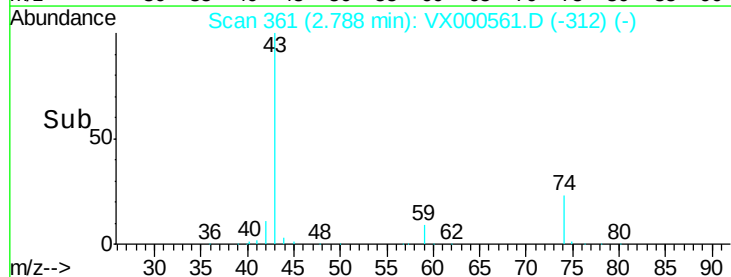
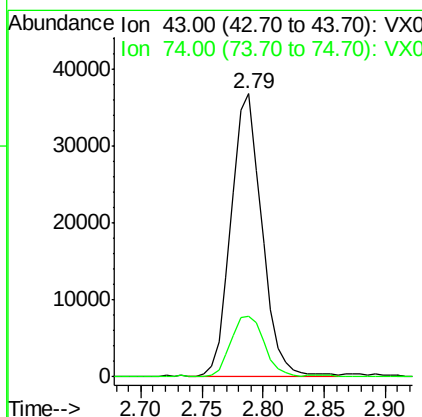
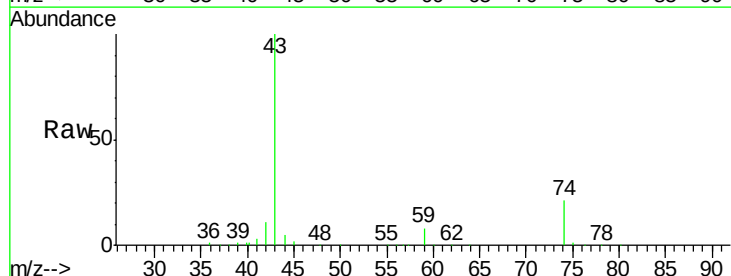
Manual Integrations
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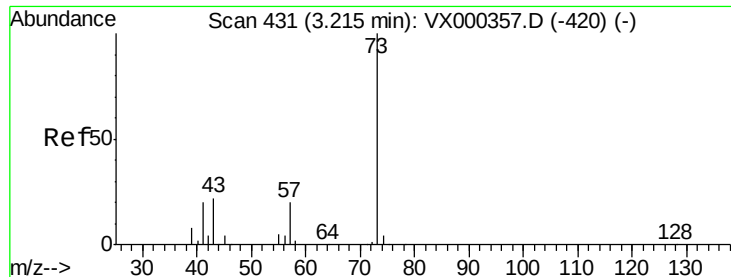
sam
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#18
Methyl Acetate
Concen: 23.086 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.2





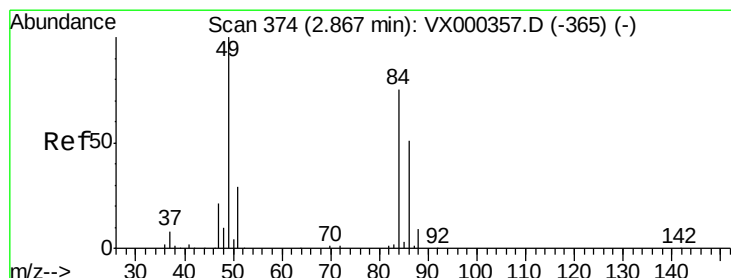
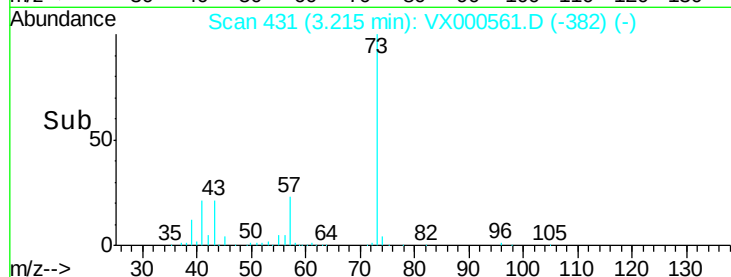
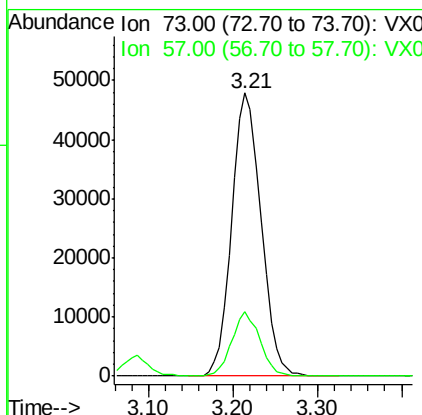
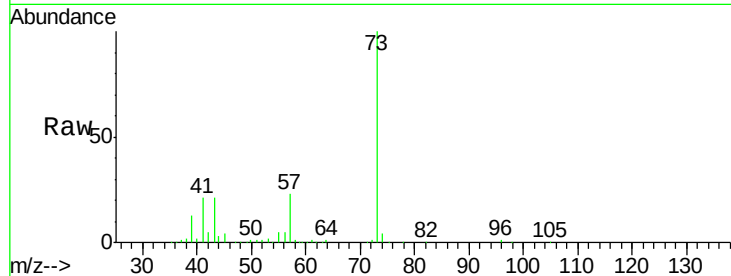
#19
Methyl tert-butyl Ether
Concen: 23.128 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

Tot Ion: 73 Resp: 112470
Ion Ratio Lower Upper
73 100
57 22.7 17.2 25.8

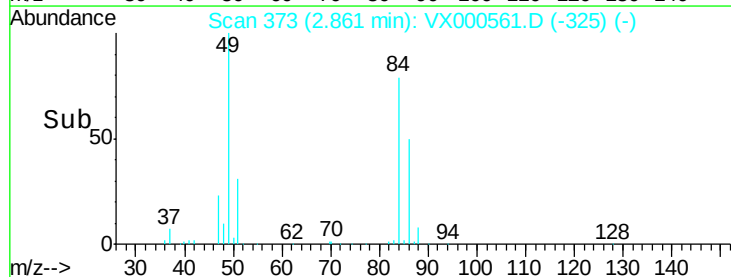
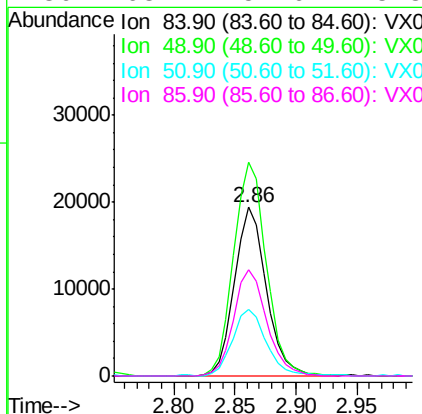
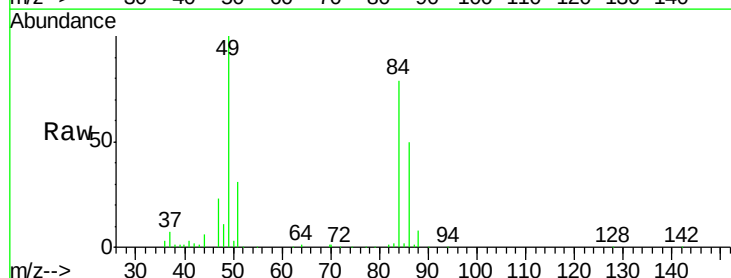
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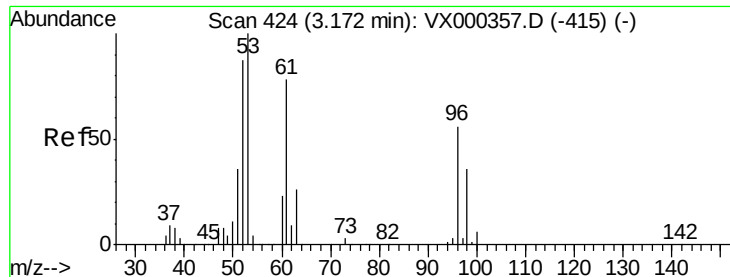
sam
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#20
Methylene Chloride
Concen: 23.149 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 84 Resp: 35221
Ion Ratio Lower Upper
84 100
49 126.8 100.6 151.0
51 38.9 31.6 47.4
86 63.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 22.584 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

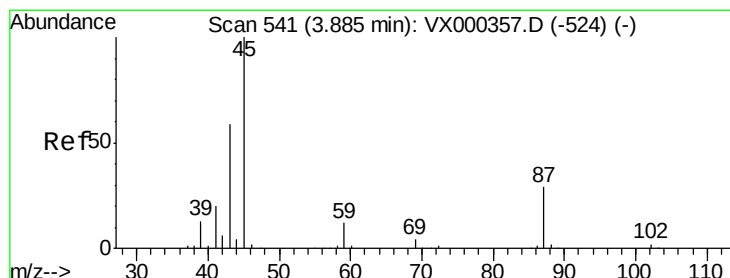
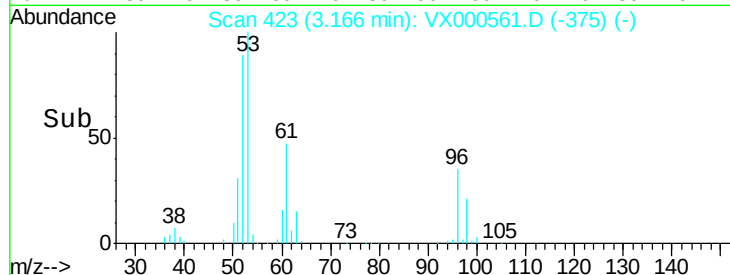
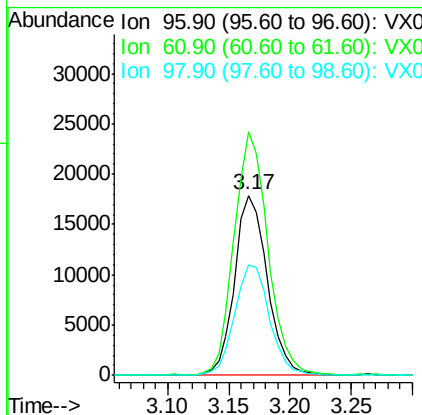
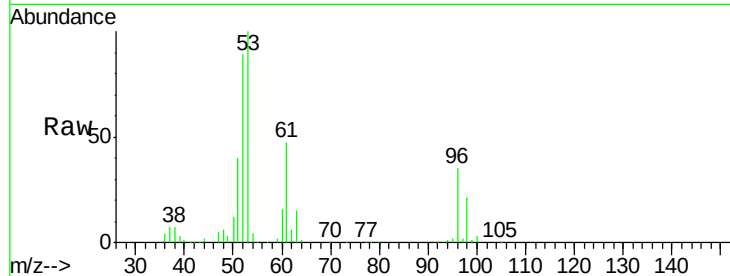
ClientSampleId :

VX0330WBS01

Tot Ion:	96	Resp:	33125
Ion	Ratio	Lower	Upper
96	100		
61	135.2	104.0	156.0
98	61.2	52.1	78.1

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#22

Diisopropyl ether

Concen: 16.602 ug/l

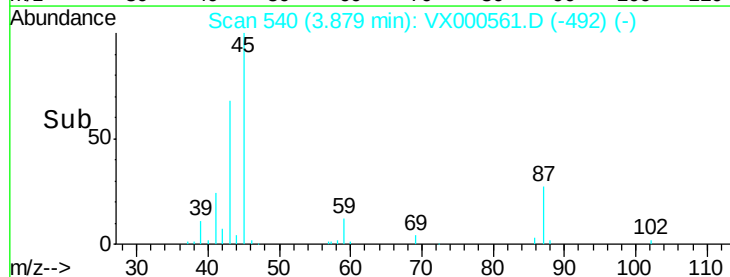
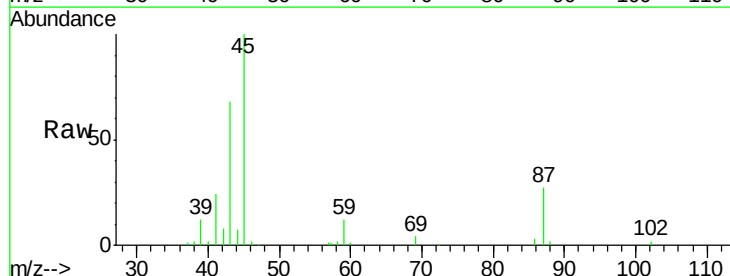
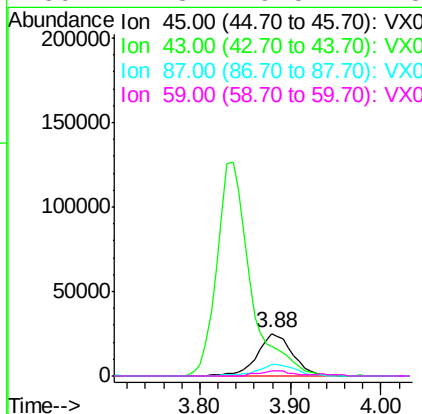
RT: 3.88 min Scan# 540

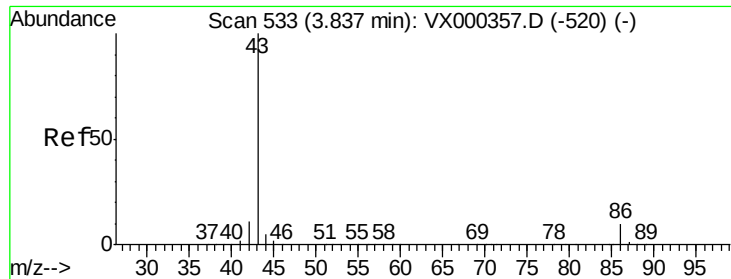
Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Tgt Ion:	45	Resp:	68241
Ion	Ratio	Lower	Upper
45	100		
43	65.7	53.9	80.9
87	27.2	22.6	34.0
59	11.8	9.5	14.3





#23

Vinyl Acetate

Concen: 83.899 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

Tot Ion: 43 Resp: 326919

Ion Ratio Lower Upper

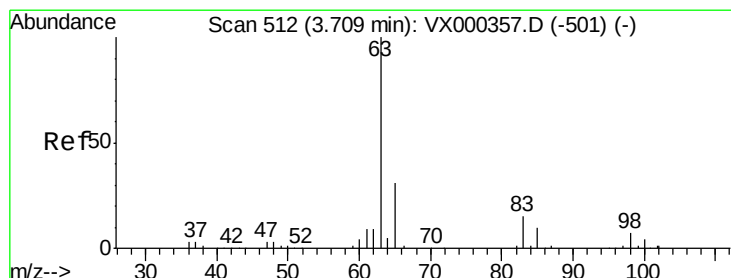
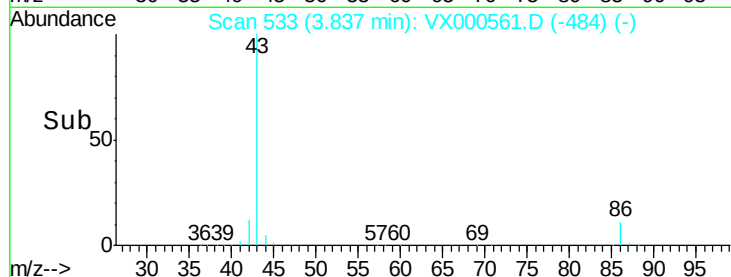
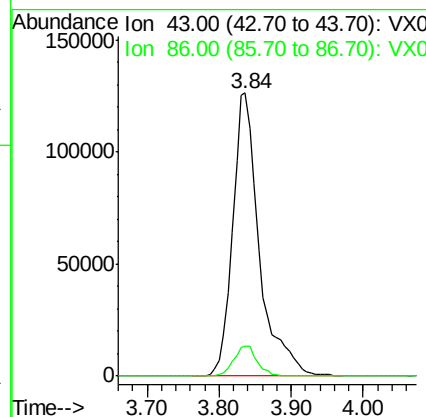
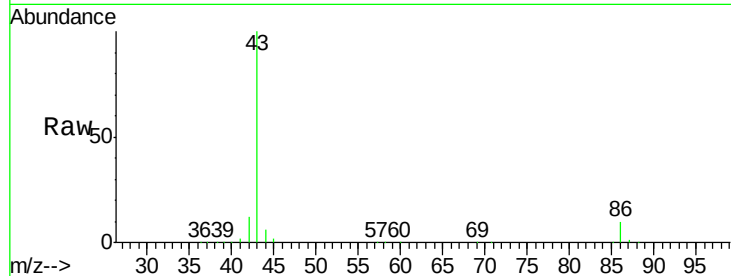
43 100

86 10.5 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 20.176 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

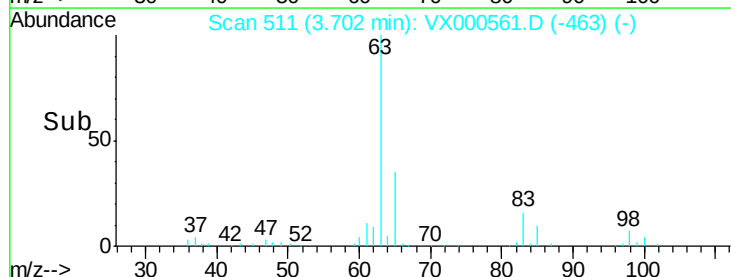
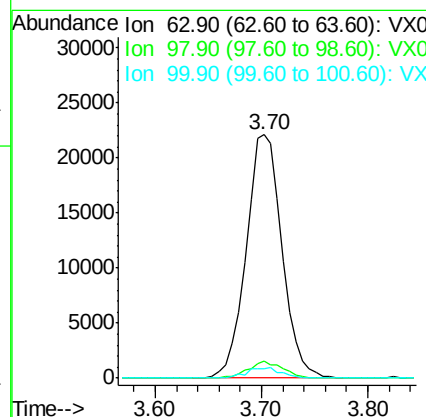
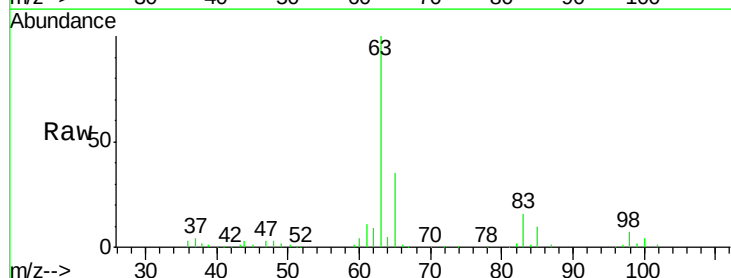
Tgt Ion: 63 Resp: 52141

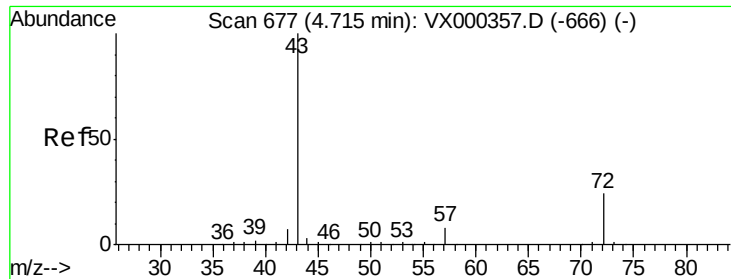
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 3.6 2.0 5.8





#25

2-Butanone

Concen: 97.150 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

Tot Ion: 43 Resp: 143844

Ion Ratio Lower Upper

43 100

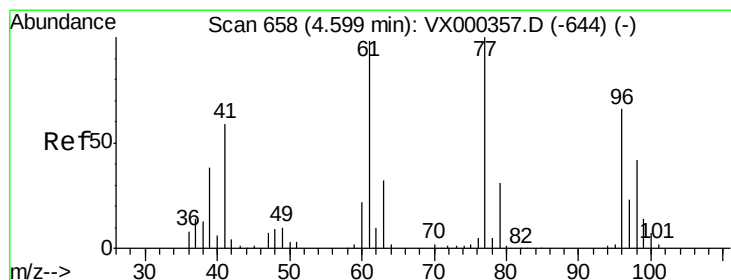
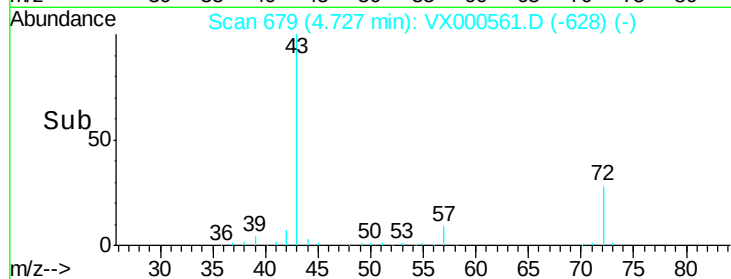
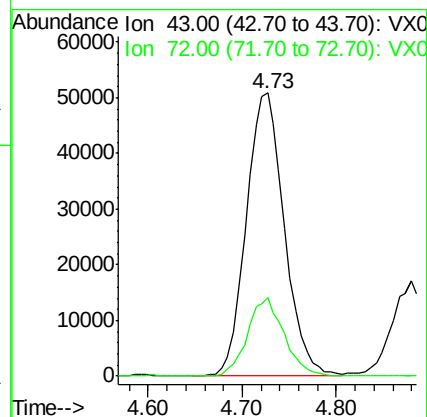
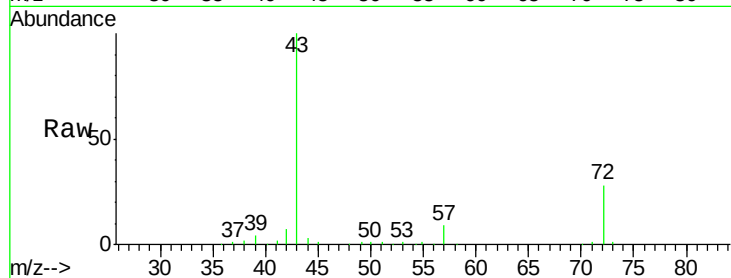
72 27.6 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.289 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000561.D

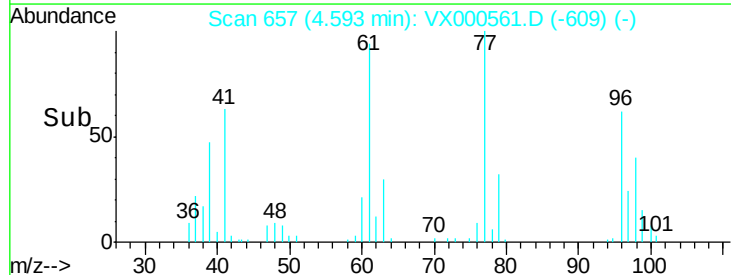
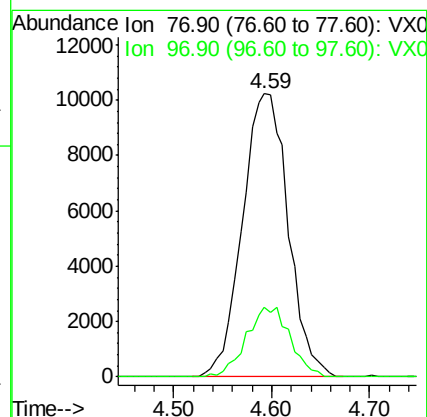
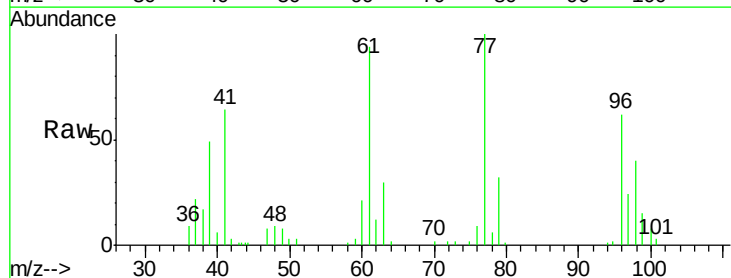
Acq: 30 Mar 2018 15:20

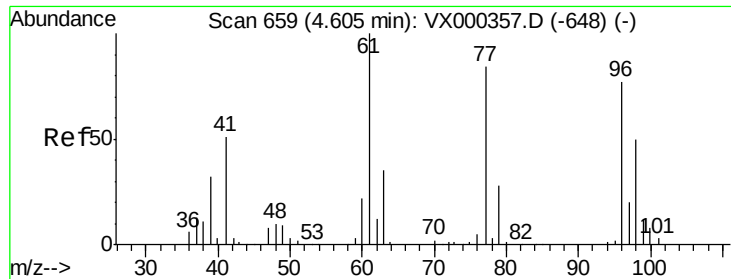
Tgt Ion: 77 Resp: 33126

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

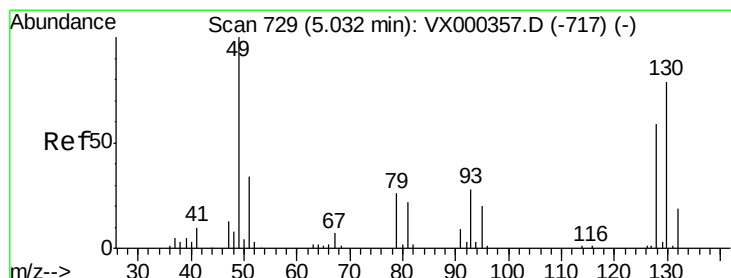
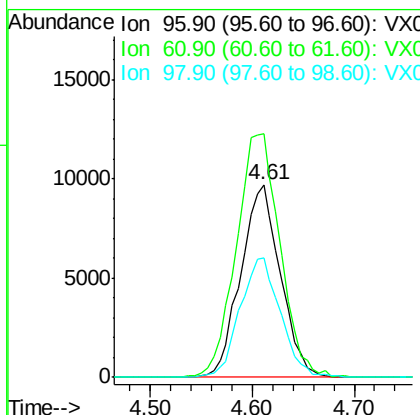
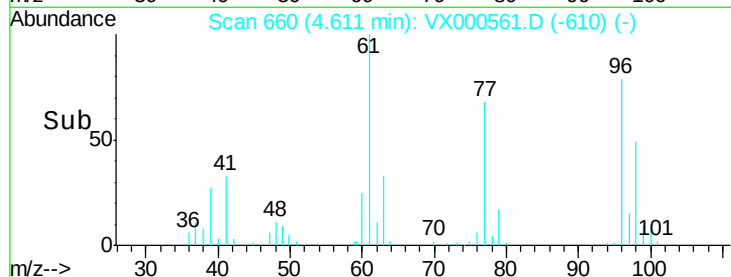
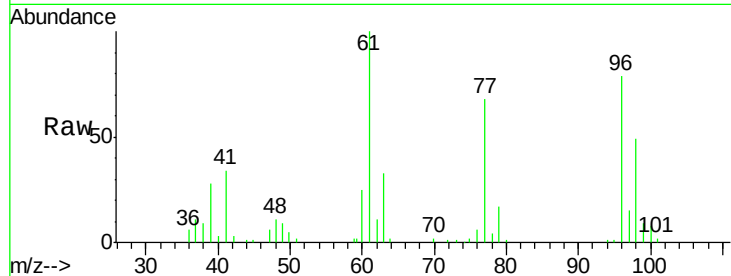
cis-1,2-Dichloroethene
Concen: 19.069 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	291.6
98	63.3	0.0	132.0

Manual Integrations
APPROVED

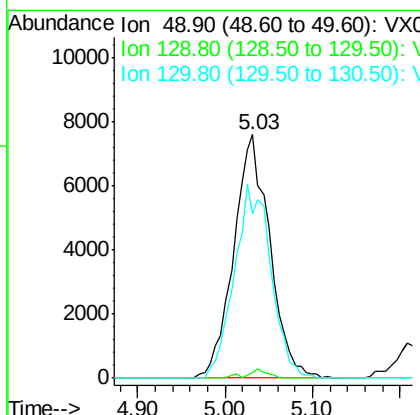
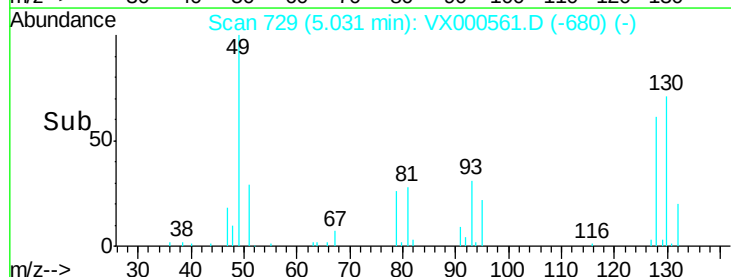
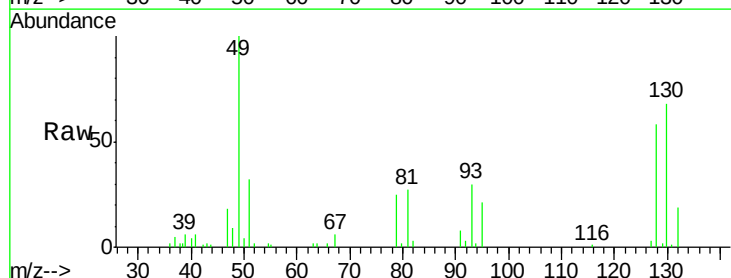
sam
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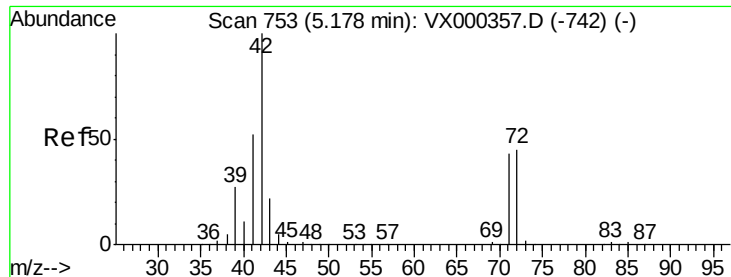


#28

Bromochloromethane
Concen: 20.411 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.0
130	80.0	64.0	96.0





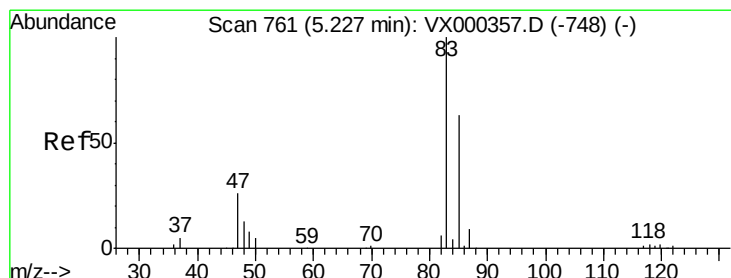
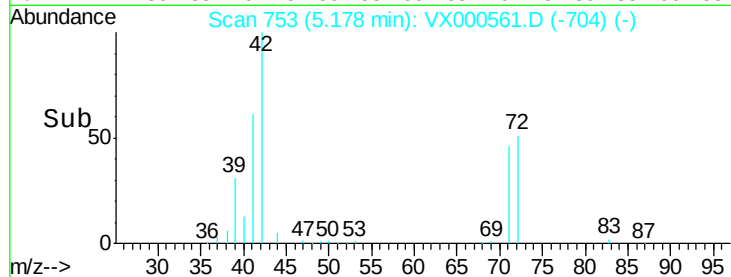
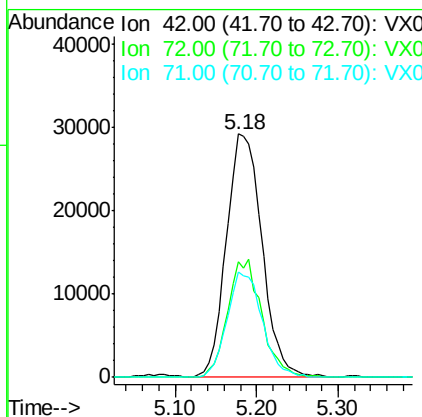
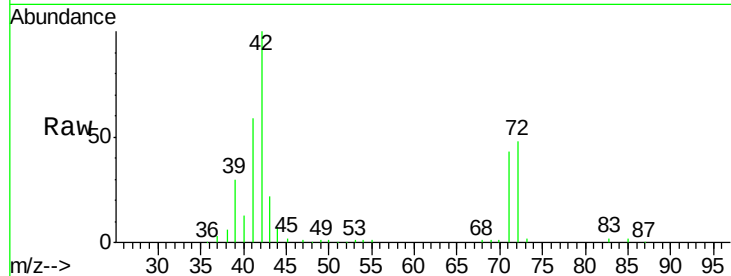
#29
Tetrahydrofuran
Concen: 96.703 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	37.9	56.9
71	42.7	34.4	51.6

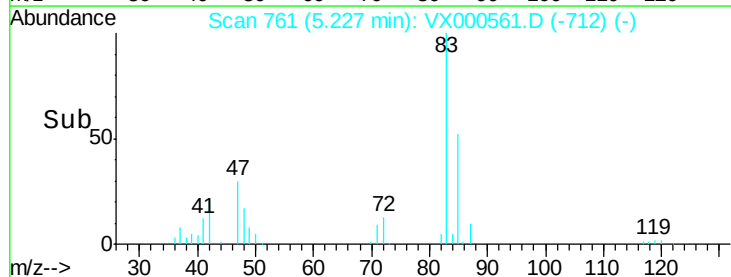
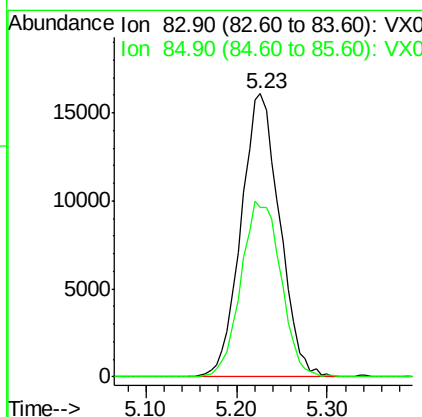
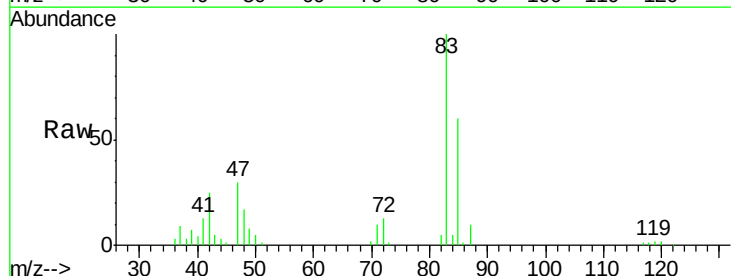
Manual Integrations
APPROVED

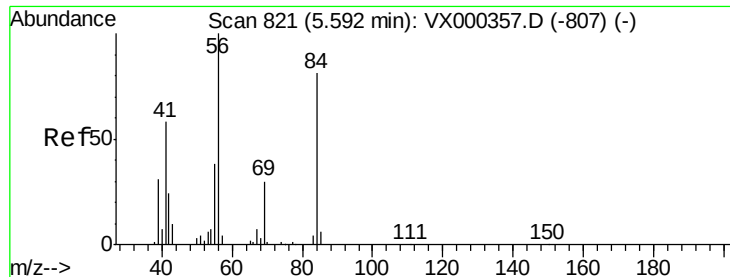
sam
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#30
Chloroform
Concen: 19.552 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.7	53.3	79.9





#31

Cyclohexane

Concen: 18.332 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

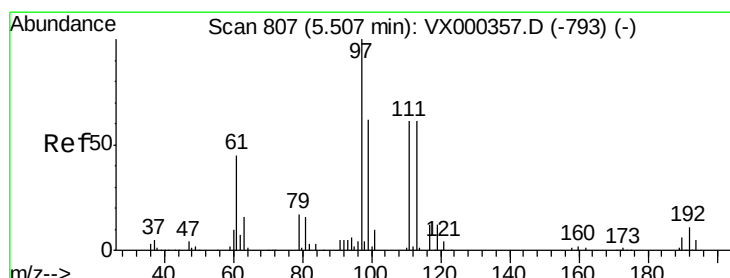
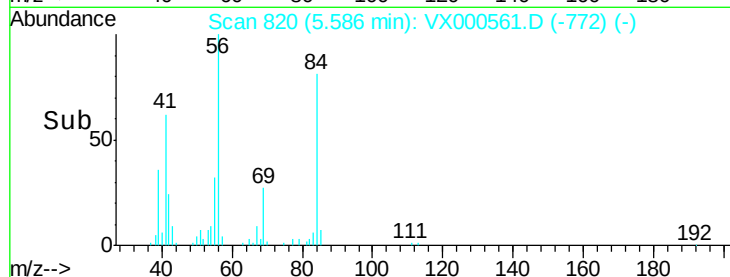
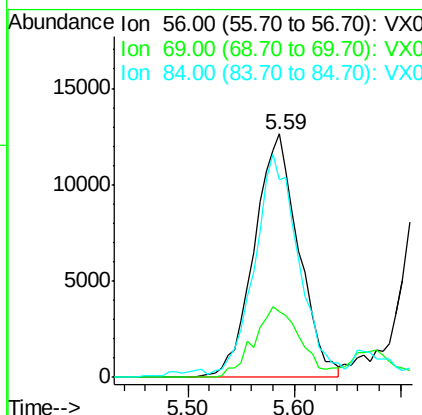
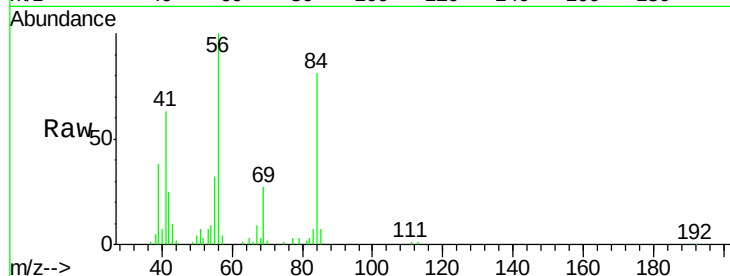
ClientSampleId :

VX0330WBS01

Tot Ion:	56	Resp:	36624
Ion	Ratio	Lower	Upper
56	100		
69	27.1	23.4	35.0
84	78.8	71.0	106.4

Manual Integrations
APPROVED

sam
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#32

1,1,1-Trichloroethane

Concen: 19.269 ug/l

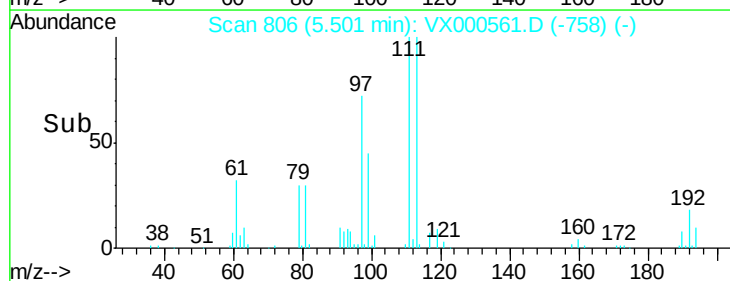
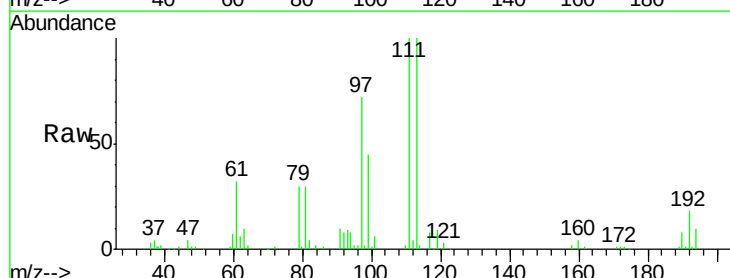
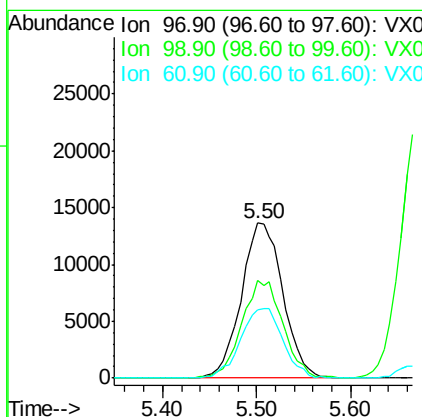
RT: 5.50 min Scan# 806

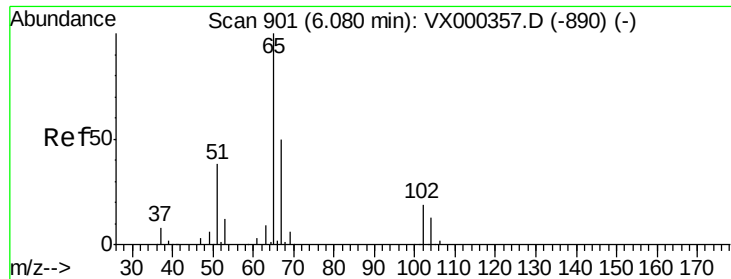
Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Tgt Ion:	97	Resp:	42101
Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.1	78.1
61	46.0	36.2	54.4





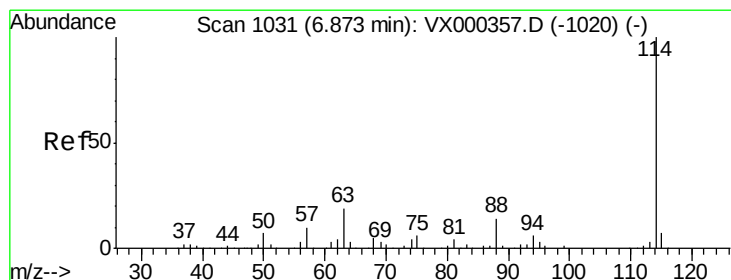
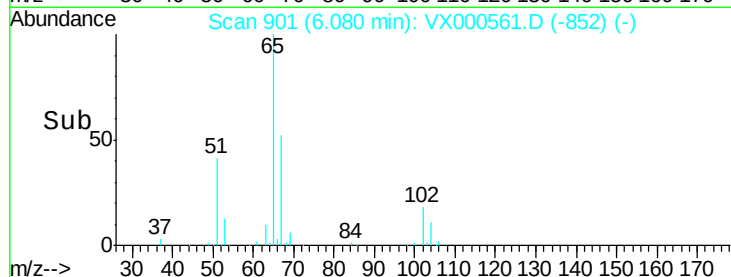
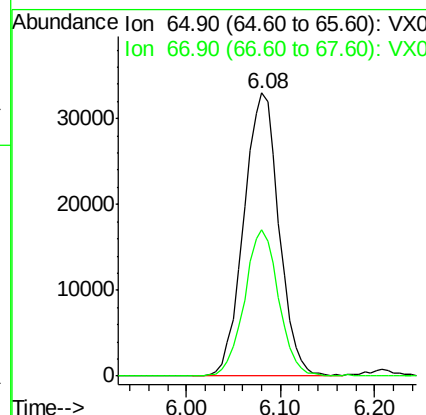
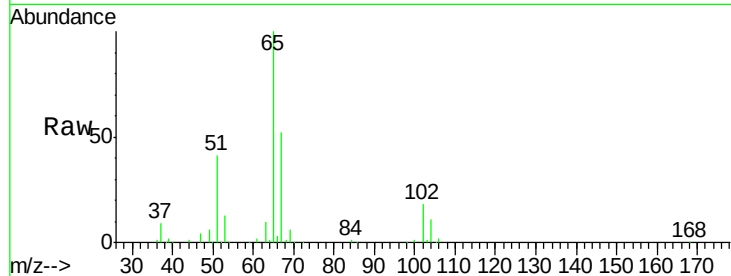
#33
 1,2-Dichloroethane-d4
 Concen: 54.499 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	103.2

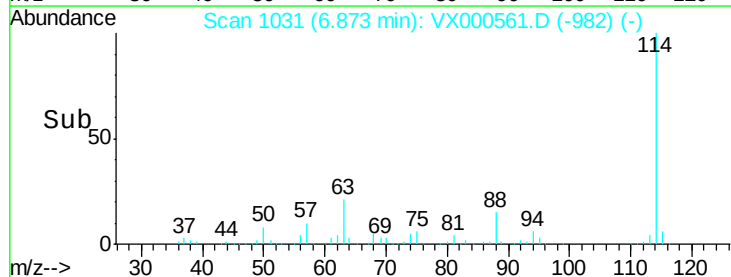
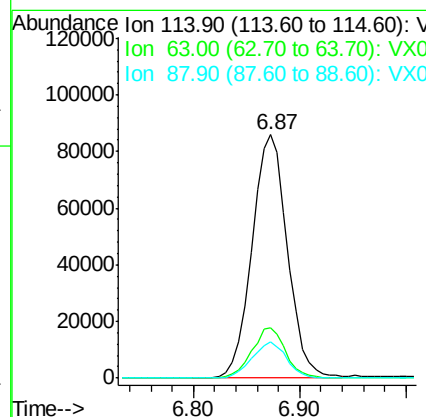
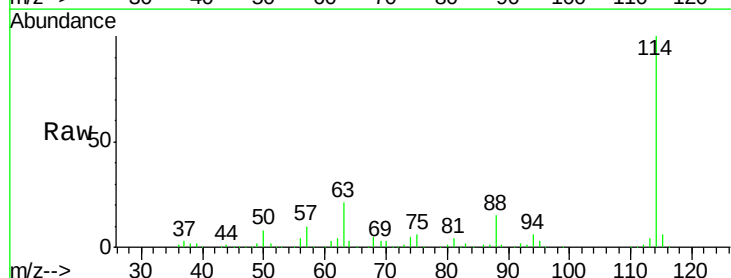
Manual Integrations
 APPROVED

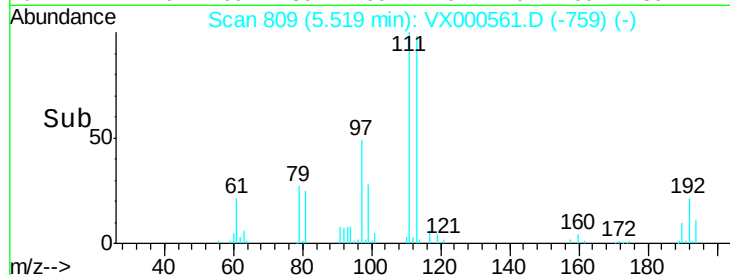
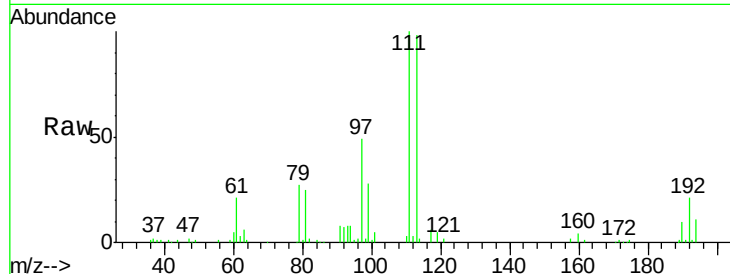
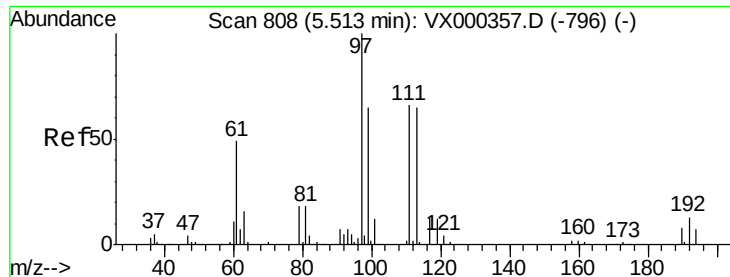
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	38.4
88	15.0	0.0	27.0





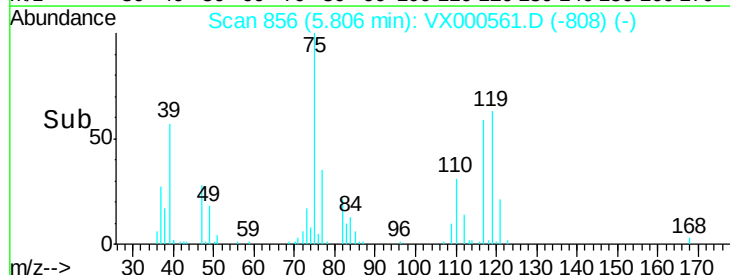
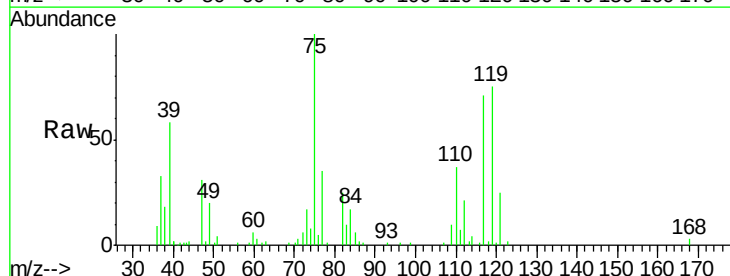
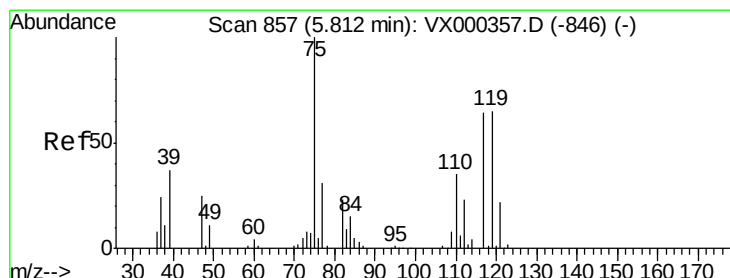
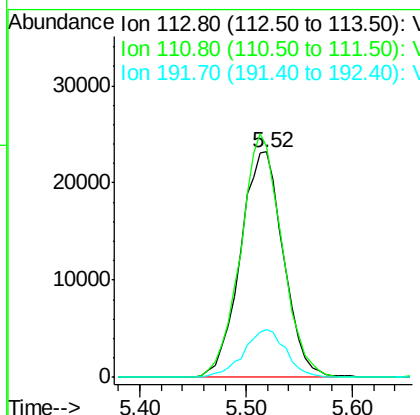
#35
Dibromofluoromethane
Concen: 52.165 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tot Ion	Ratio	Resp	Lower	Upper
113	100	65752		
111	103.8	82.4	123.6	
192	21.0	15.8	23.6	

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

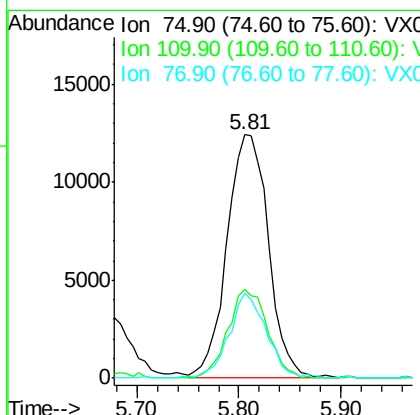
Manual Integrations
APPROVED

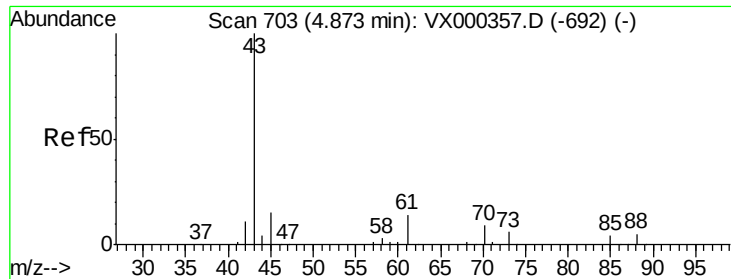
sam
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#36
1,1-Dichloropropene
Concen: 18.722 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35083		
110	34.9	17.9	53.7	
77	31.4	24.0	36.0	





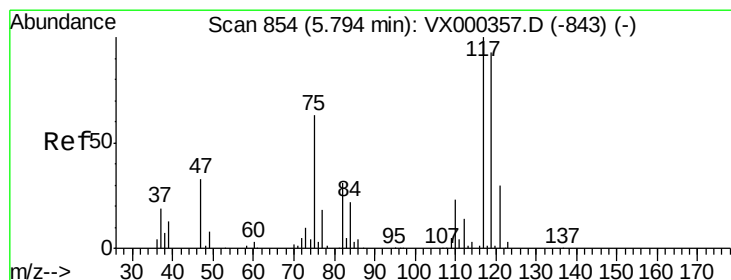
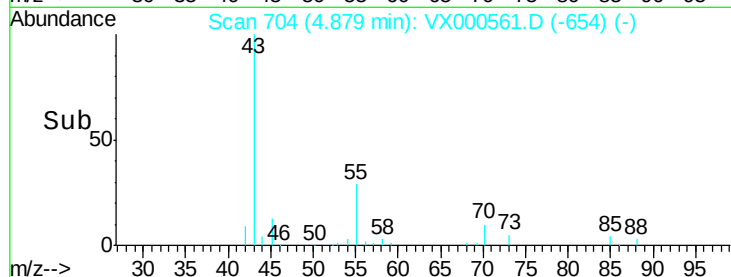
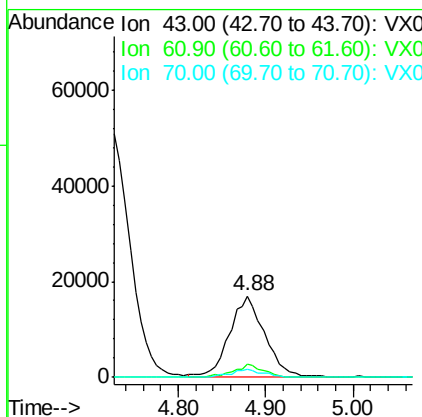
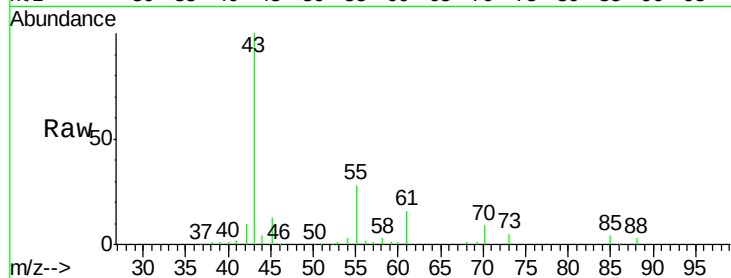
#37
Ethyl Acetate
Concen: 18.282 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	9.2	7.7	11.5

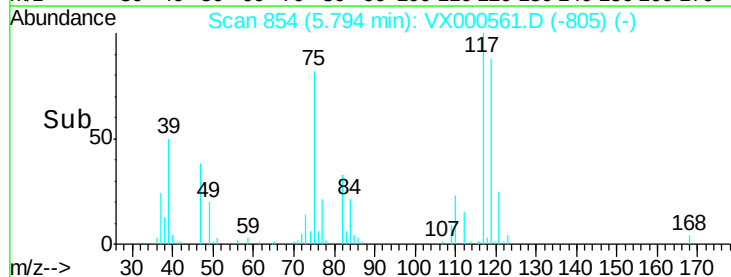
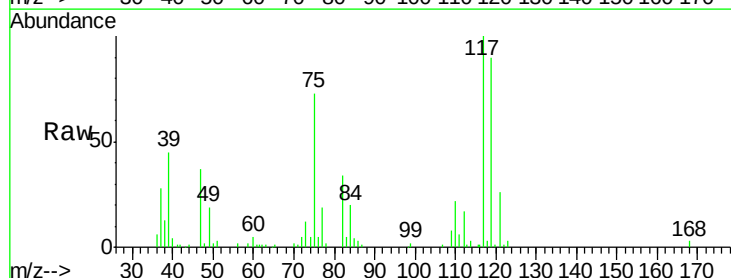
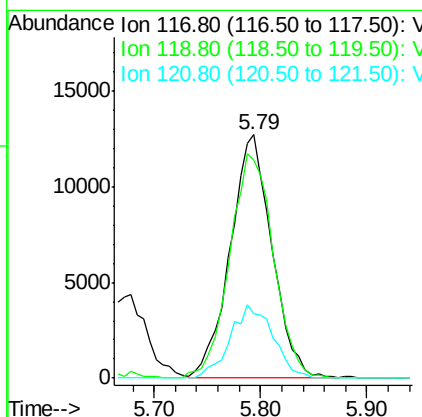
Manual Integrations
APPROVED

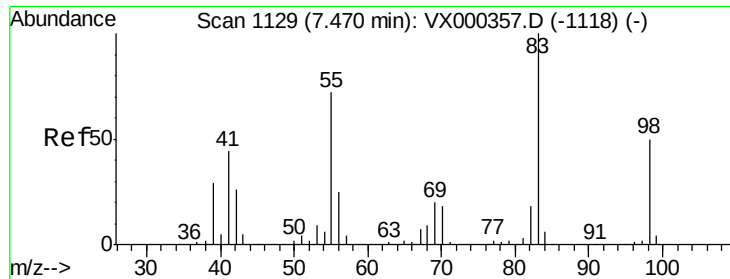
sam
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#38
Carbon Tetrachloride
Concen: 17.814 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	77.4	116.2
121	26.3	24.8	37.2





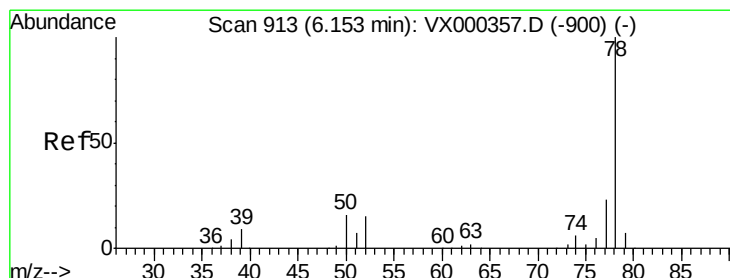
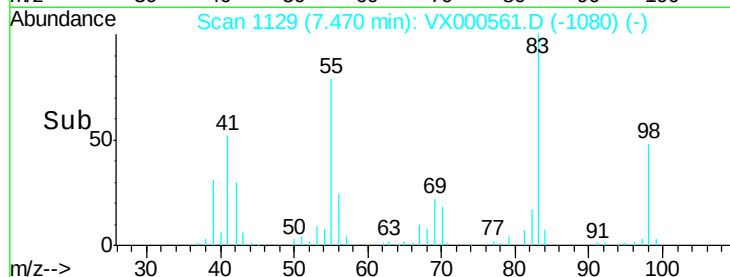
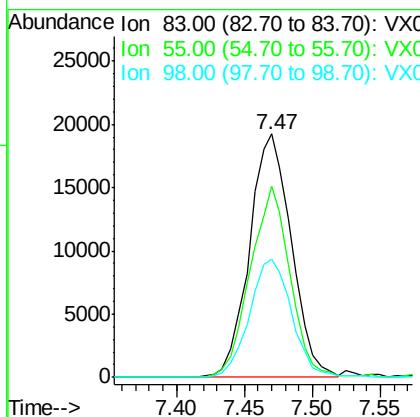
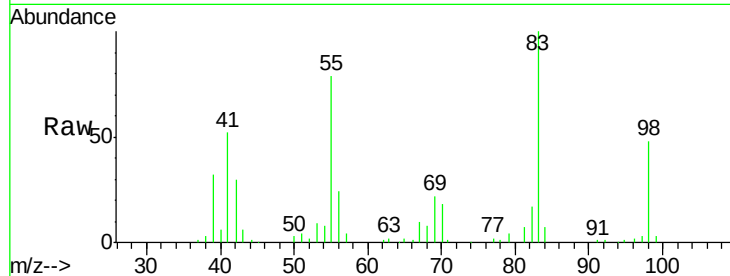
#39
Methylvlcyclohexane
Concen: 18.181 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

Tot Ion	83	Resp	41432
Ion Ratio	100	Lower	Upper
83	100		
55	78.8	55.5	83.3
98	48.5	38.2	57.4

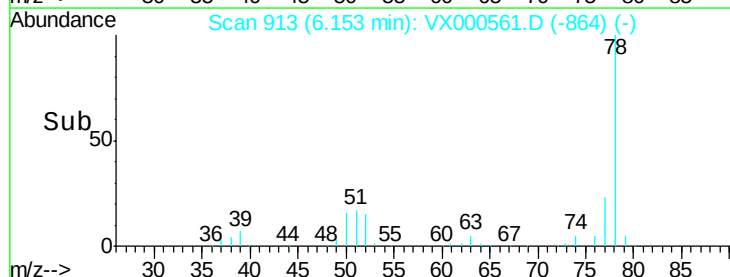
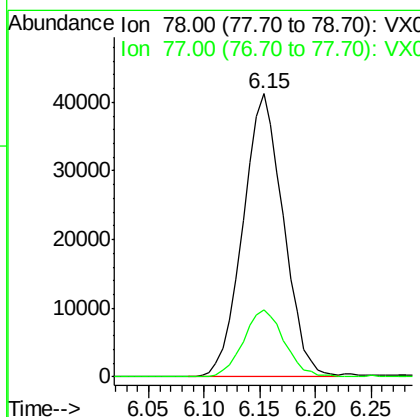
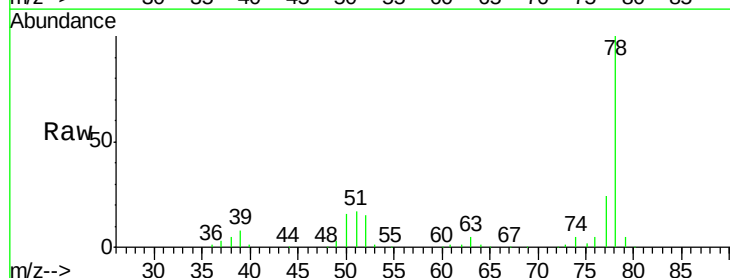
Manual Integrations
APPROVED

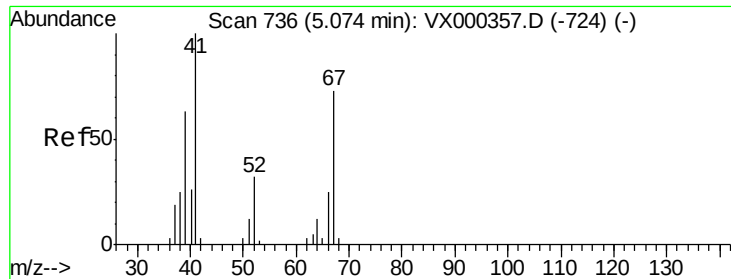
sam
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#40
Benzene
Concen: 19.172 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	78	Resp	104330
Ion Ratio	100	Lower	Upper
78	100		
77	23.9	18.7	28.1





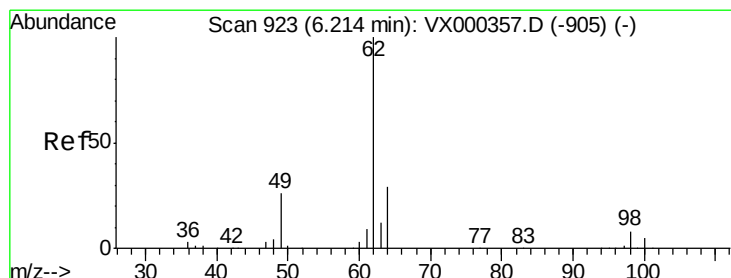
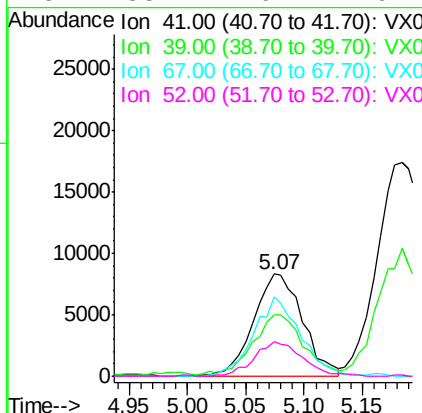
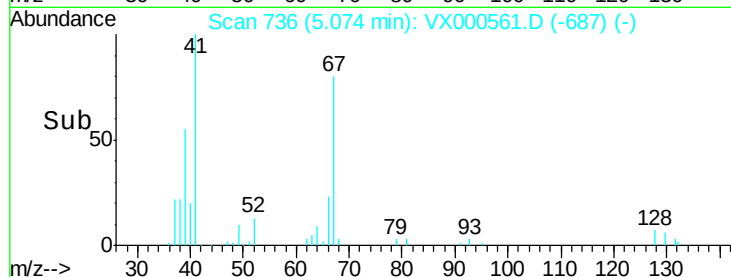
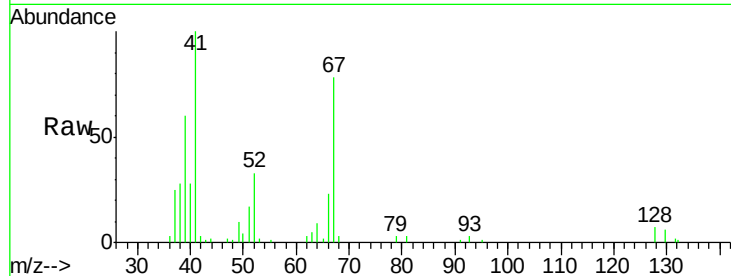
#41
Methacrylonitrile
Concen: 17.994 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

Tot Ion:	41	Resp:	24282
Ion	Ratio	Lower	Upper
41	100		
39	58.2	45.7	68.5
67	73.6	57.8	86.8
52	33.4	26.7	40.1

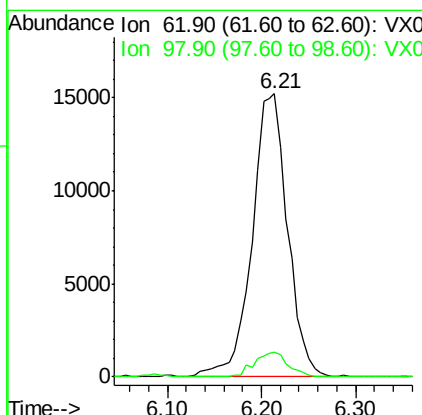
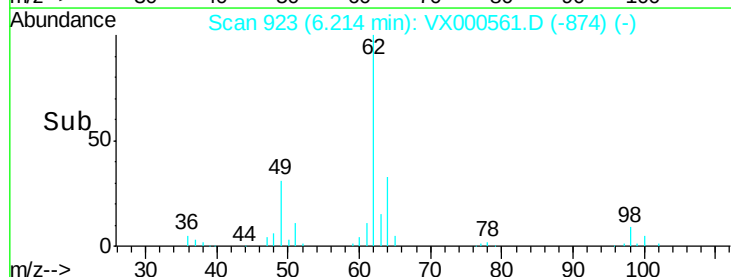
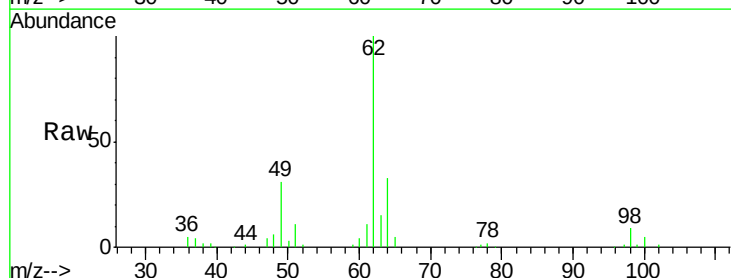
Manual Integrations
APPROVED

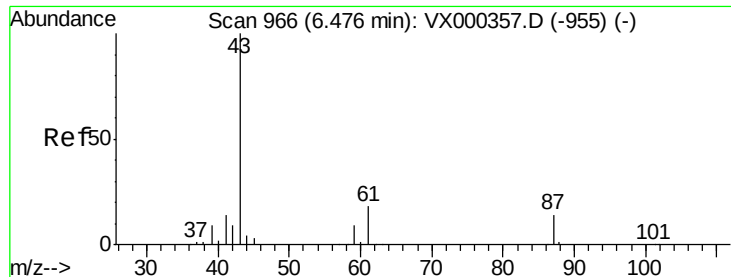
sam
4/4/2018 6:10:58 PM



#42
1,2-Dichloroethane
Concen: 18.779 ug/l
RT: 6.21 min Scan# 923
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion:	62	Resp:	40094
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8





#43

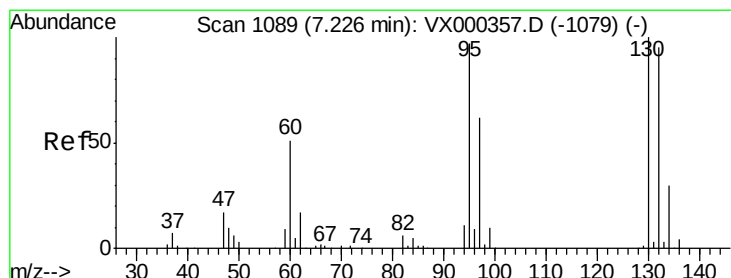
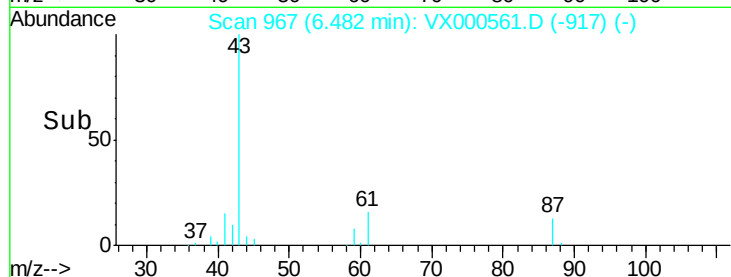
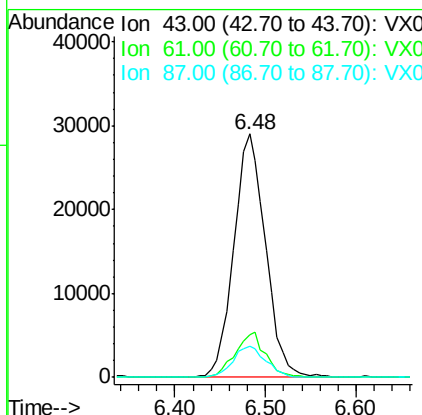
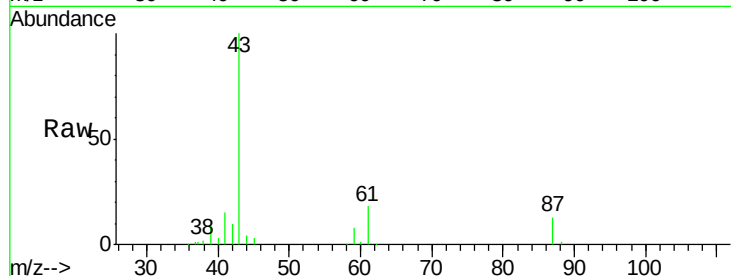
Isopropyl Acetate
 Concen: 18.449 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.4	21.6
87	13.3	11.0	16.4

Manual Integrations
 APPROVED

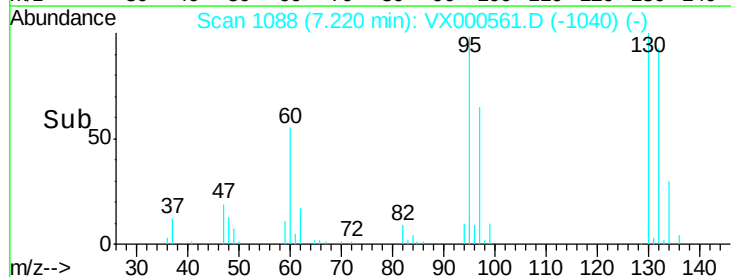
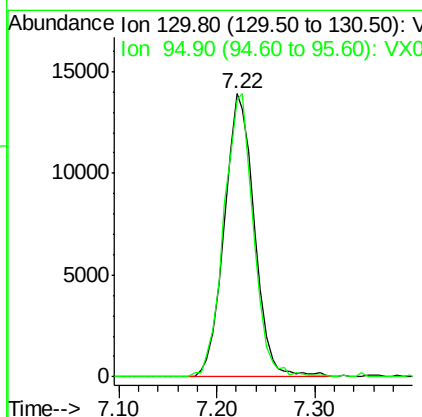
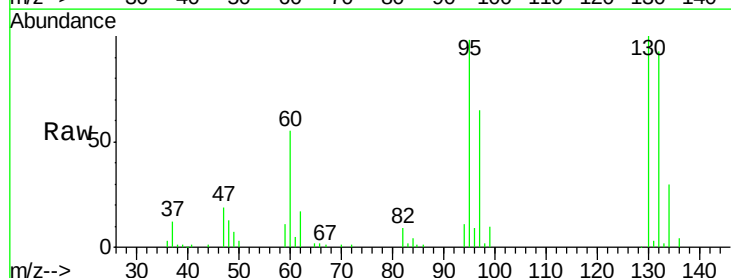
sam
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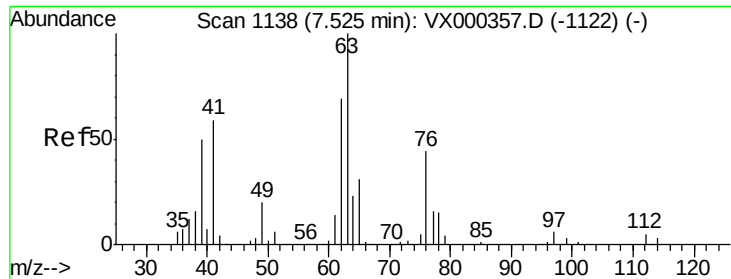


#44

Trichloroethene
 Concen: 18.980 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	186.0





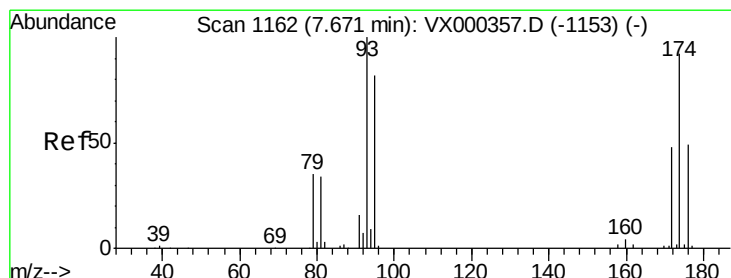
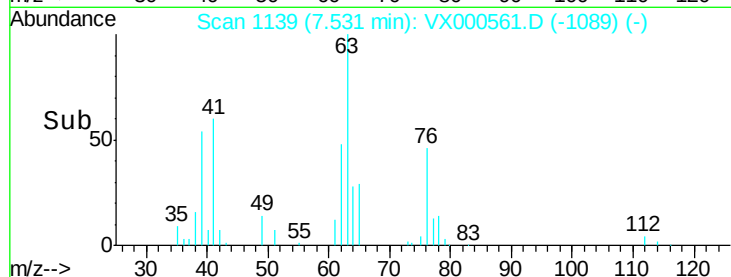
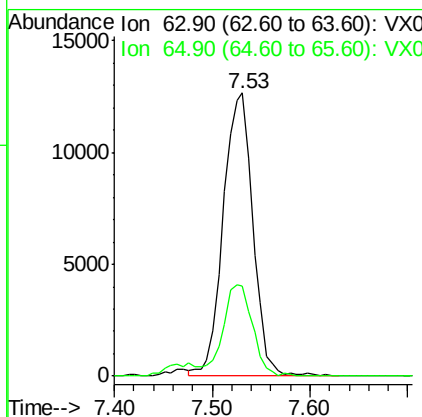
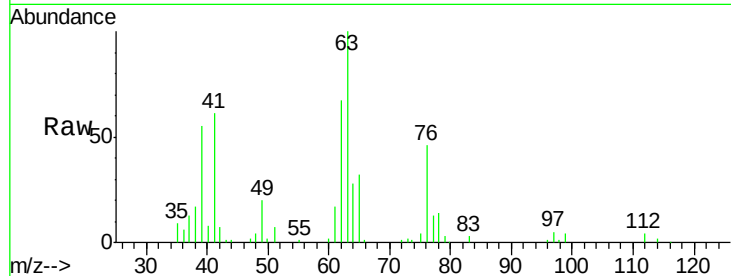
#45
 1,2-Dichloropropane
 Concen: 19.111 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330WBS01

Tot Ion: 63 Resp: 26620
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 36.8

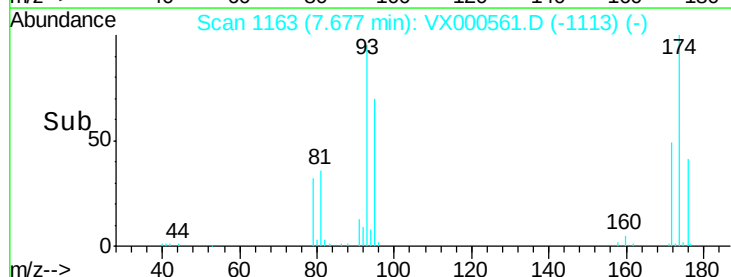
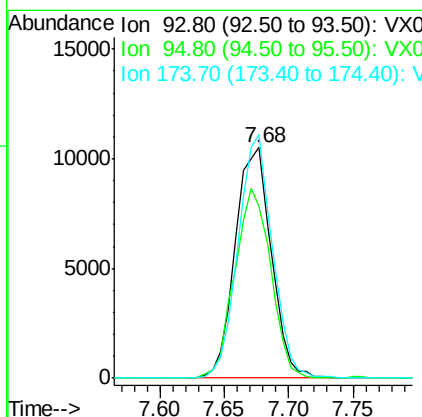
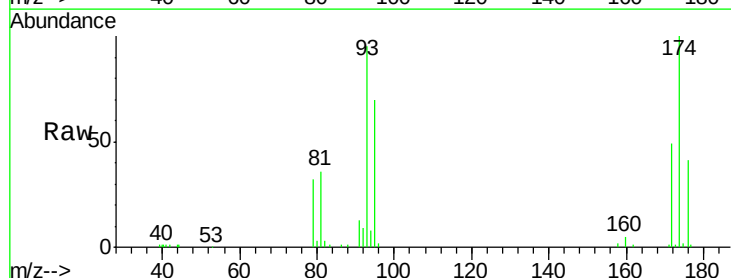
Manual Integrations
 APPROVED

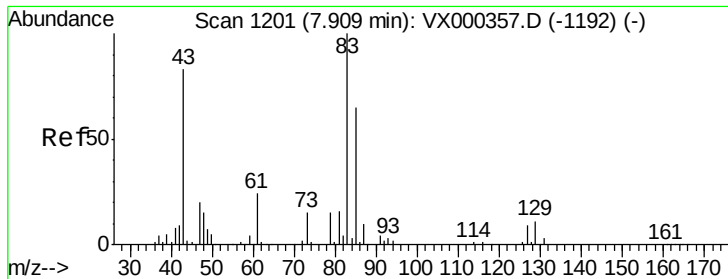
sam
 4/4/2018 6:10:58 PM



#46
 Dibromomethane
 Concen: 18.728 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion: 93 Resp: 20476
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.5 99.7
 174 100.0 76.0 114.0





#47

Bromodichloromethane

Concen: 18.998 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

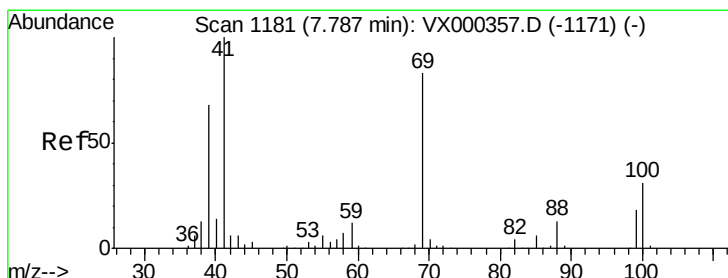
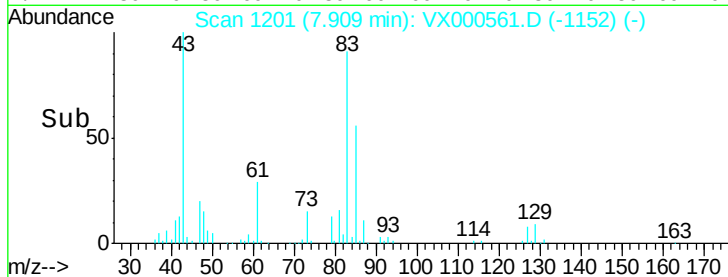
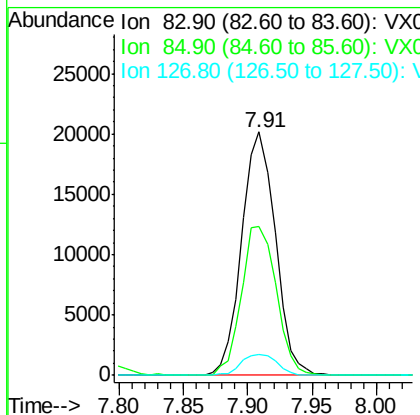
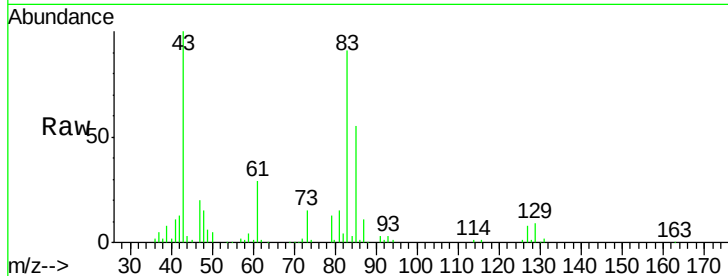
ClientSampled :

VX0330WBS01

Tot Ion:	83	Resp:	36544
Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.4	77.0
127	8.7	7.0	10.6

Manual Integrations
APPROVED

sam
4/4/2018 6:10:58 PM



#48

Methyl methacrylate

Concen: 18.379 ug/l

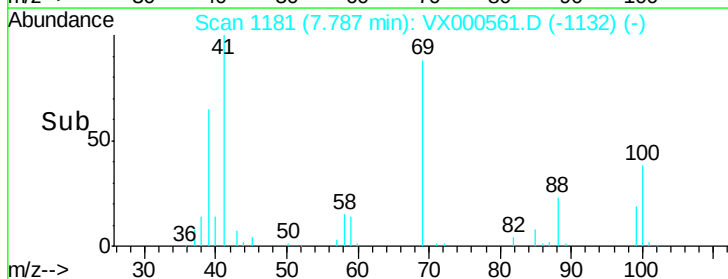
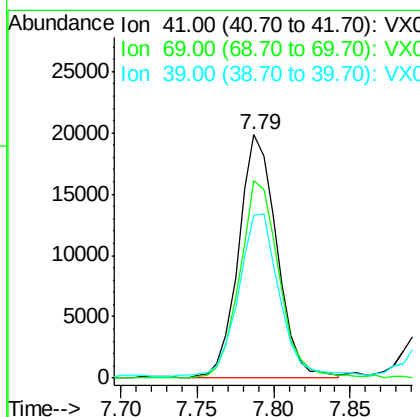
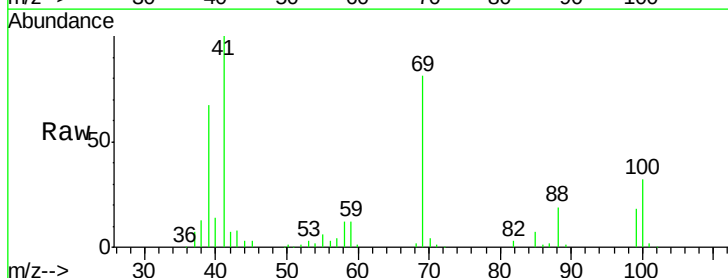
RT: 7.79 min Scan# 1181

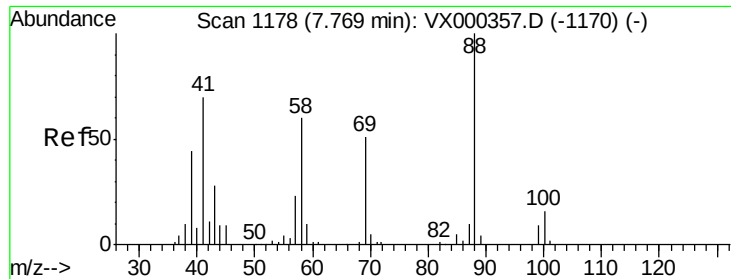
Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Tgt Ion:	41	Resp:	33996
Ion	Ratio	Lower	Upper
41	100		
69	85.2	68.2	102.4
39	72.9	54.6	81.8





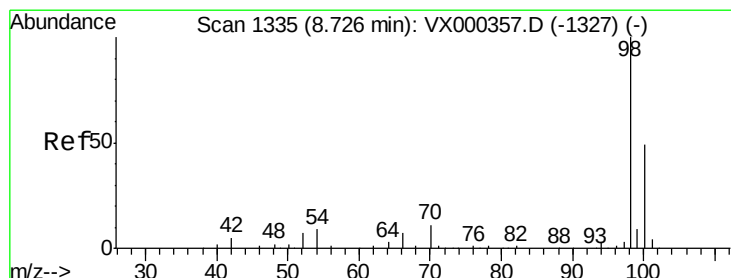
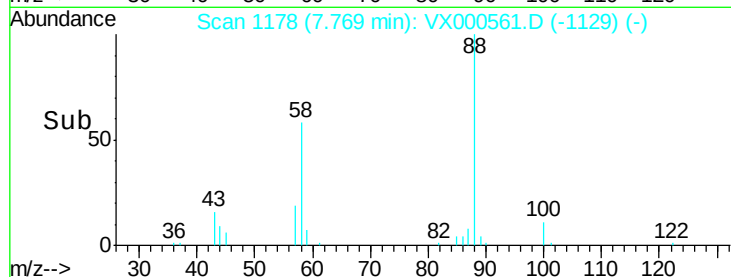
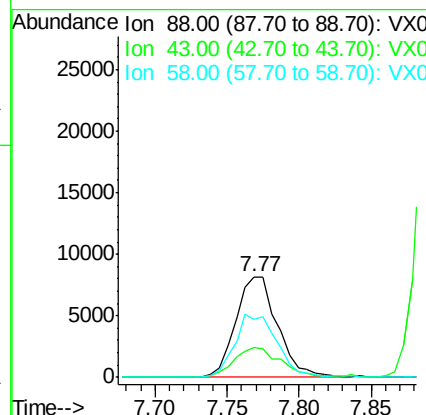
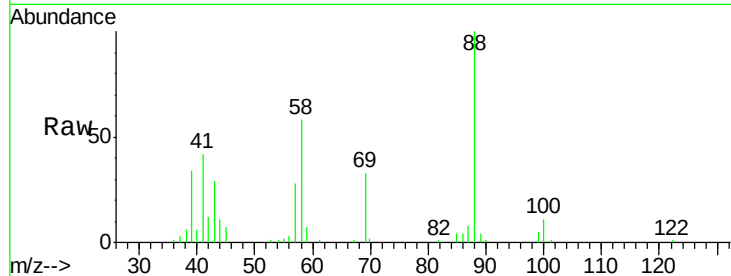
#49
1,4-Dioxane
Concen: 422.643 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.8	40.2
58	64.0	52.2	78.2

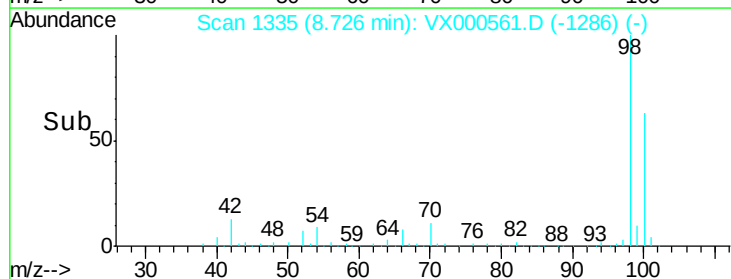
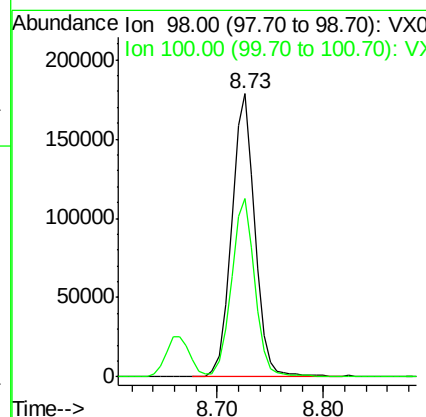
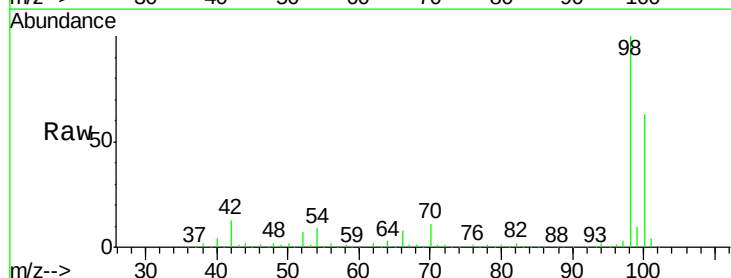
Manual Integrations
APPROVED

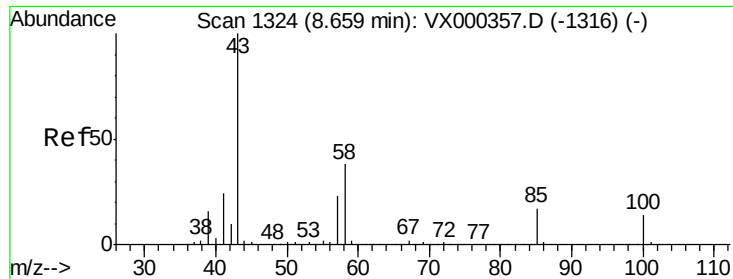
sam
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#50
Toluene-d8
Concen: 52.235 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 96.082 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

Tot Ion: 43 Resp: 283361

Ion Ratio Lower Upper

43 100

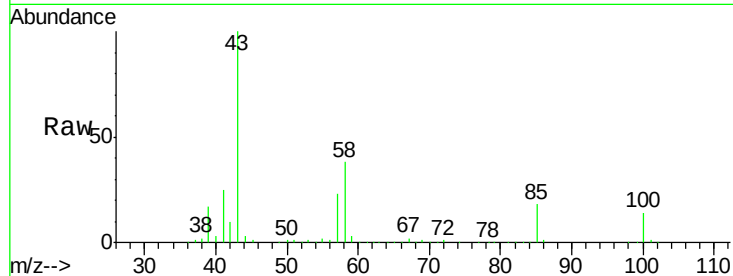
58 37.3 30.3 45.5

Manual Integrations

APPROVED

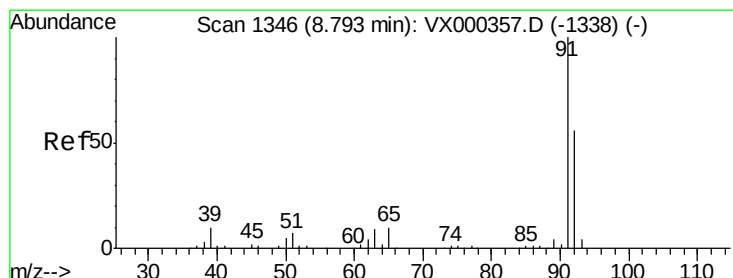
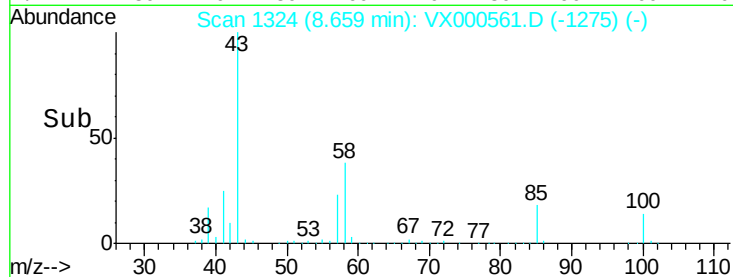
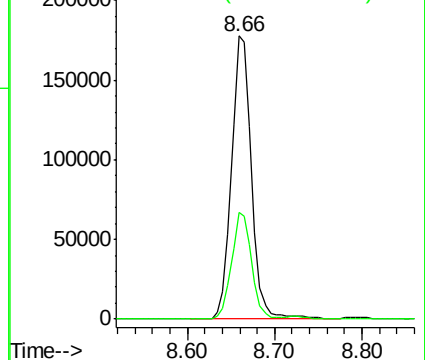
sam

4/4/2018 6:10:58 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.746 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000561.D

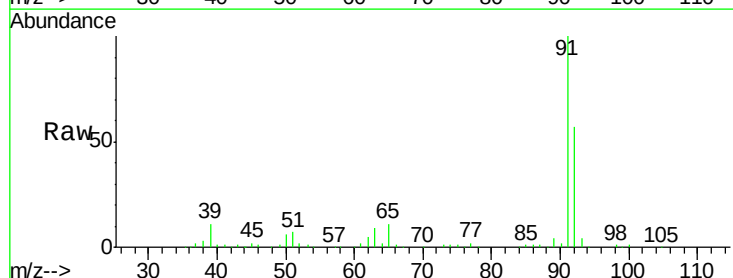
Acq: 30 Mar 2018 15:20

Tgt Ion: 92 Resp: 71313

Ion Ratio Lower Upper

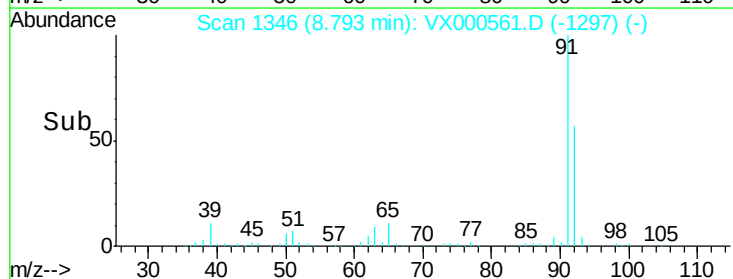
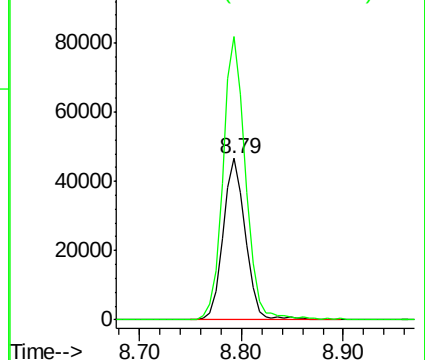
92 100

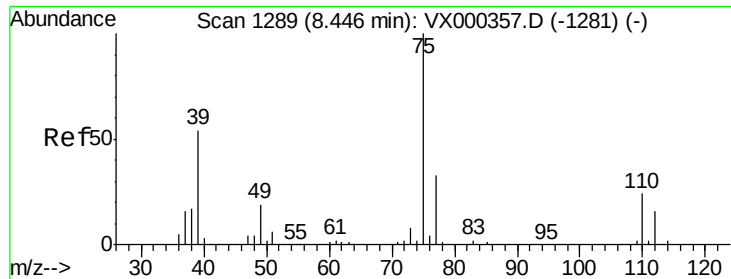
91 177.0 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





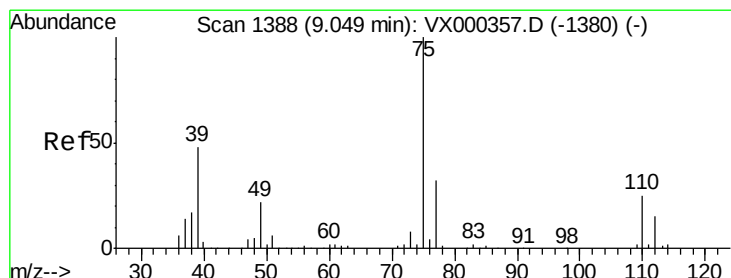
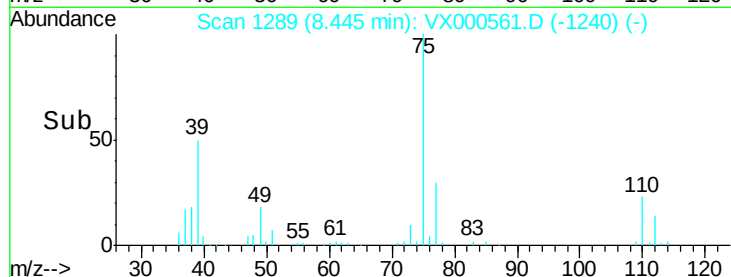
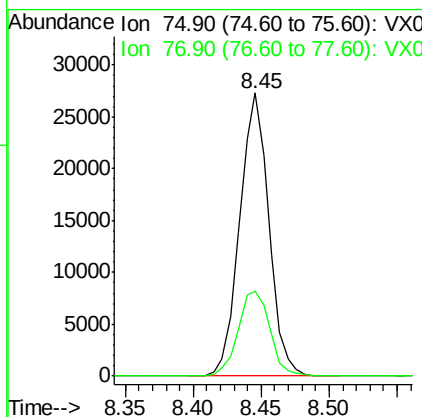
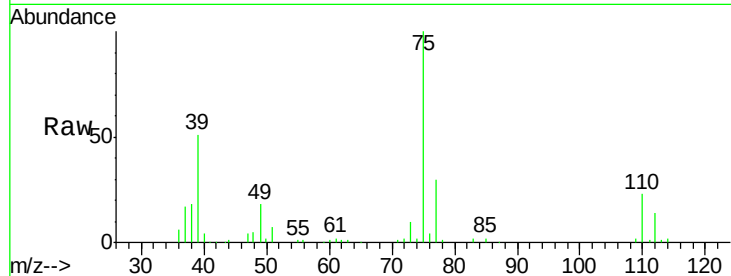
#53
t-1,3-Dichloropropene
Concen: 18.363 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tot Ion: 75 Resp: 40932
Ion Ratio Lower Upper
75 100
77 30.2 24.0 36.0

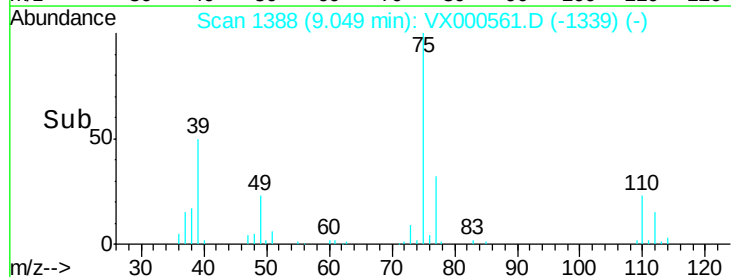
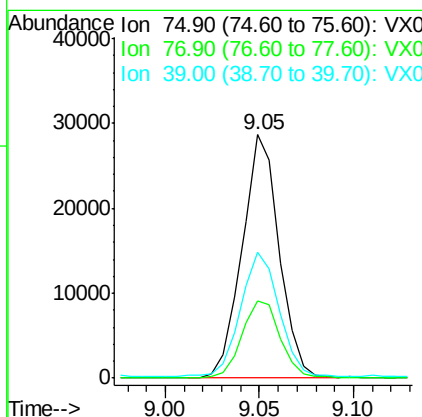
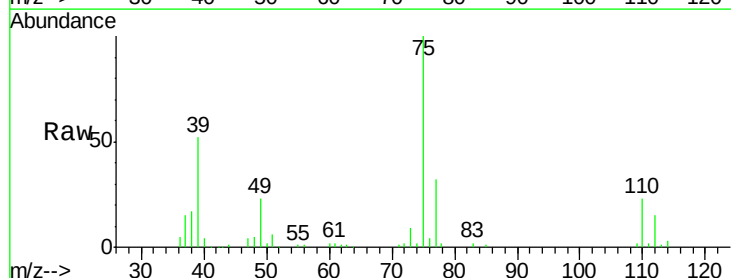
Manual Integrations
APPROVED

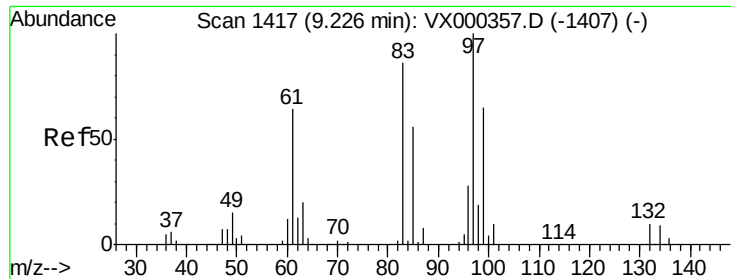
sam
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#54
cis-1,3-Dichloropropene
Concen: 18.051 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 75 Resp: 39030
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 50.8 39.8 59.6





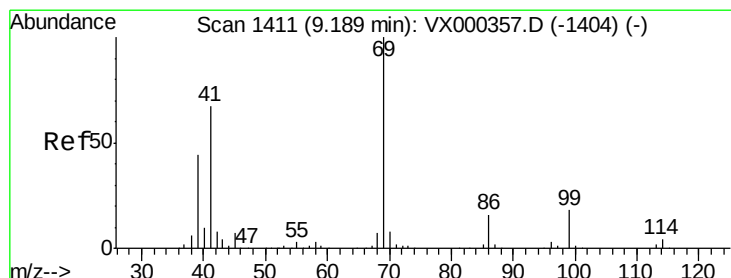
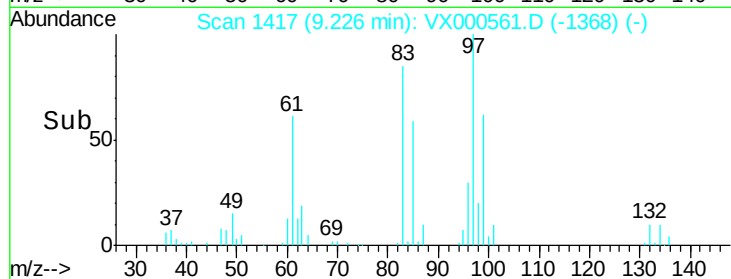
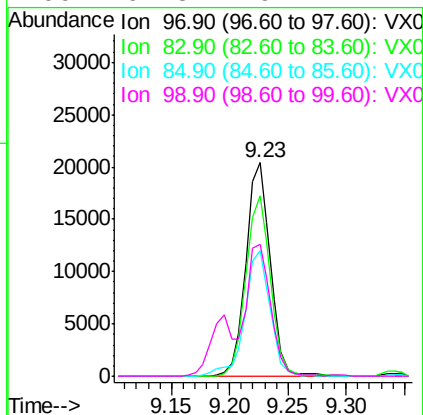
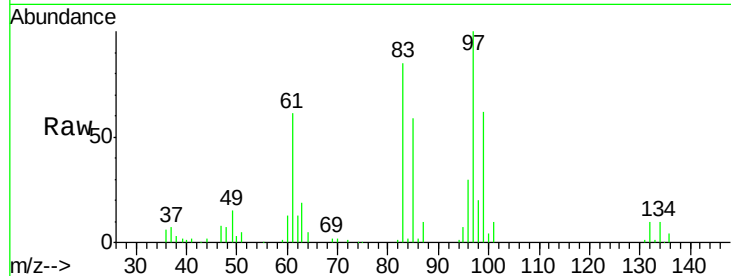
#55
 1,1,2-Trichloroethane
 Concen: 19.139 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330WBS01

Tot Ion:	97	Resp:	29941
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.9	101.9
85	58.9	42.8	64.2
99	61.3	49.4	74.2

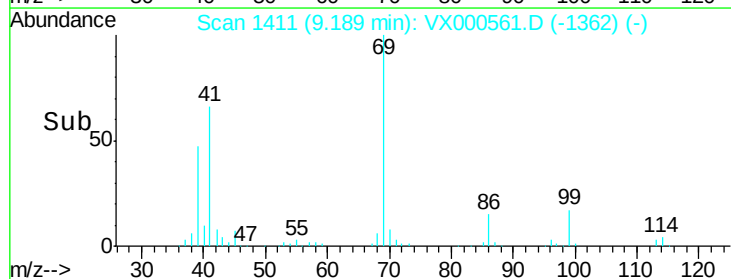
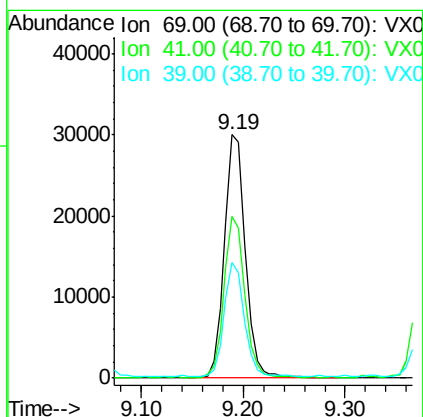
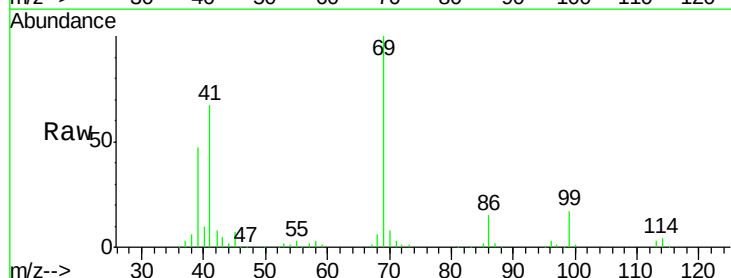
Manual Integrations
 APPROVED

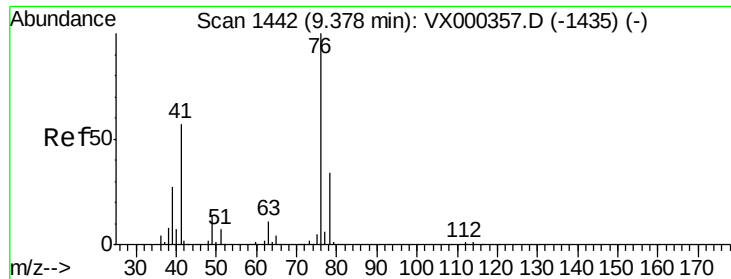
sam
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#56
 Ethyl methacrylate
 Concen: 18.148 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion:	69	Resp:	43022
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.0	79.6
39	44.3	35.3	52.9





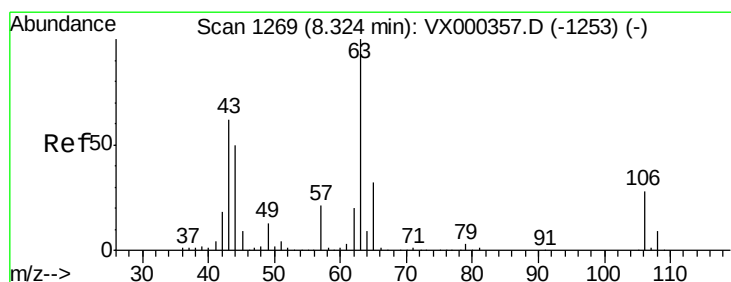
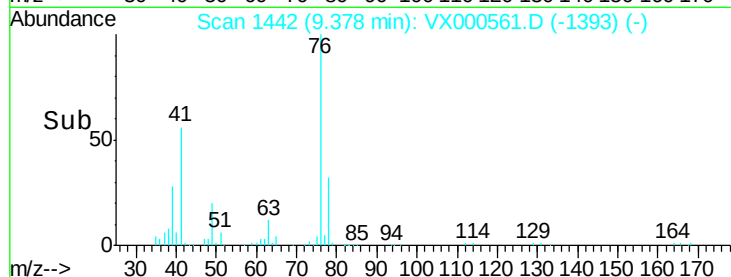
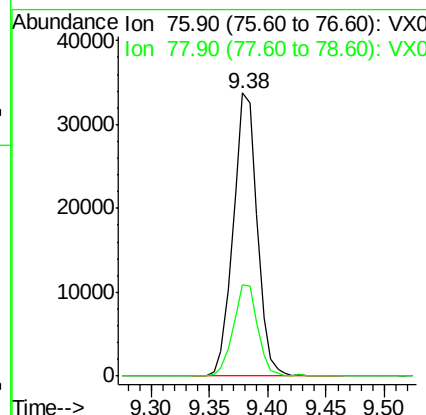
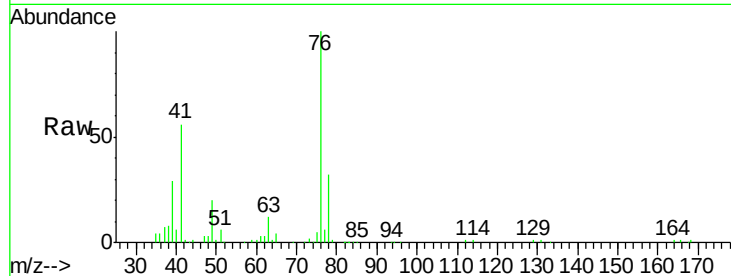
#57
 1,3-Dichloropropane
 Concen: 19.381 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Tot Ion: 76 Resp: 48496
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.4 39.6

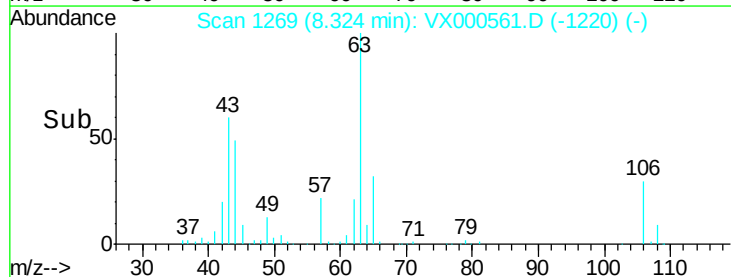
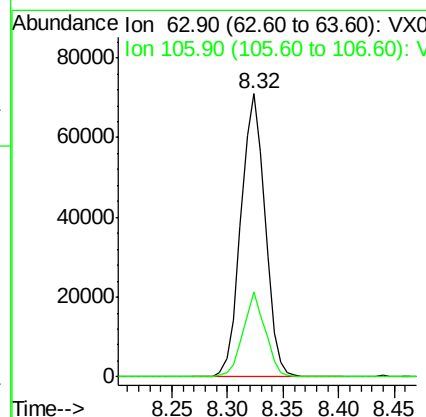
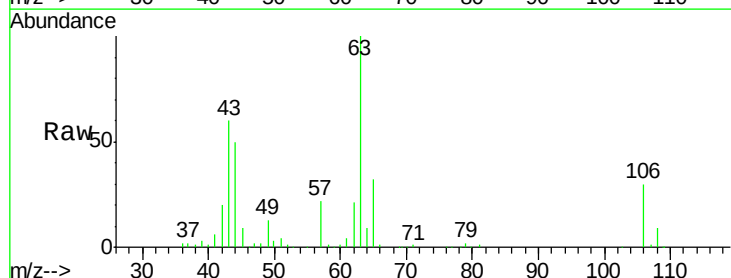
Manual Integrations
 APPROVED

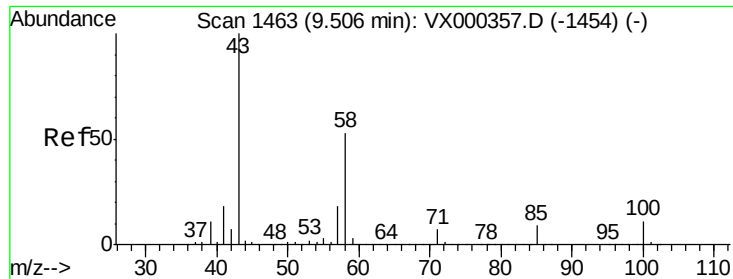
sam
 4/4/2018 6:10:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.246 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion: 63 Resp: 107229
 Ion Ratio Lower Upper
 63 100
 106 27.4 23.2 34.8





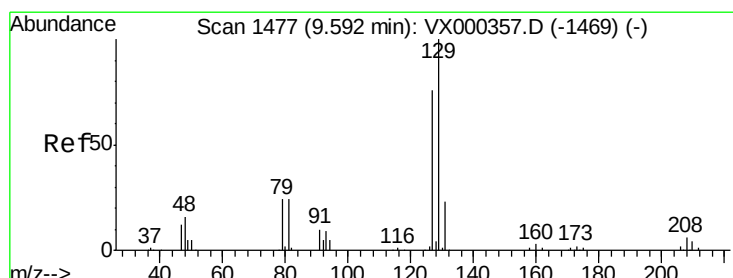
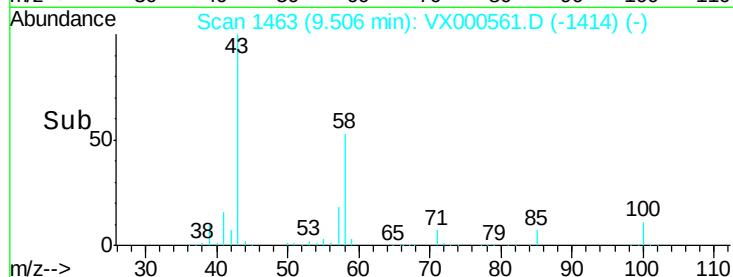
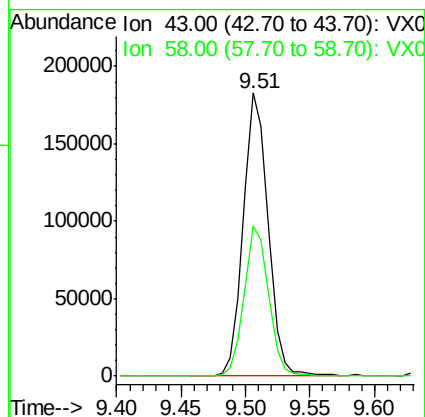
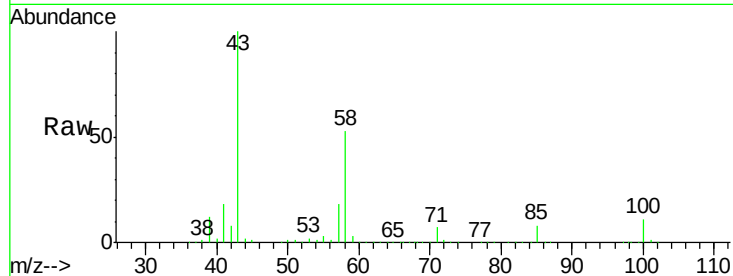
#59
2-Hexanone
Concen: 97.320 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tot Ion: 43 Resp: 243705
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7

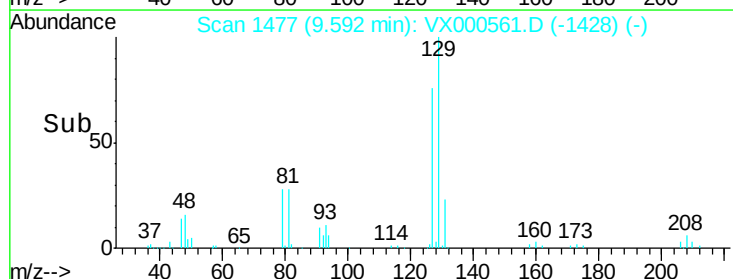
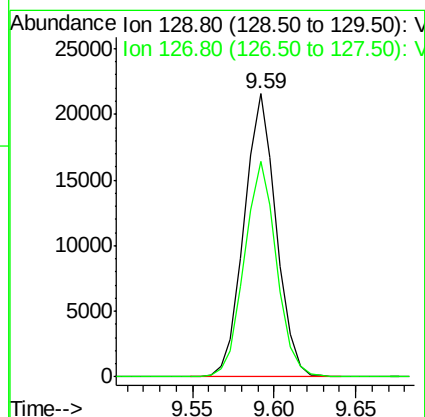
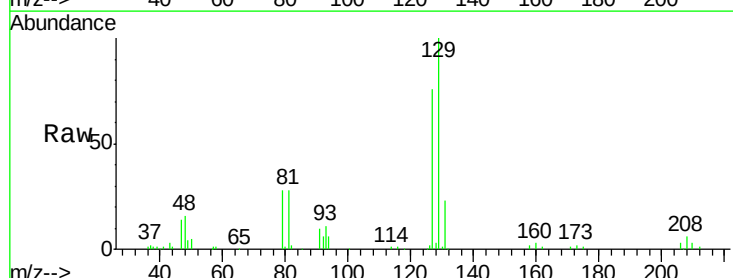
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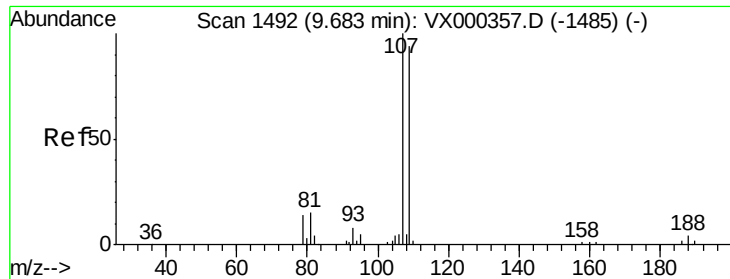
sam
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#60
Dibromochloromethane
Concen: 18.758 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 129 Resp: 29538
Ion Ratio Lower Upper
129 100
127 76.4 37.9 113.6





#61

1,2-Dibromoethane

Concen: 19.260 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

Tot Ion:107 Resp: 32312

Ion Ratio Lower Upper

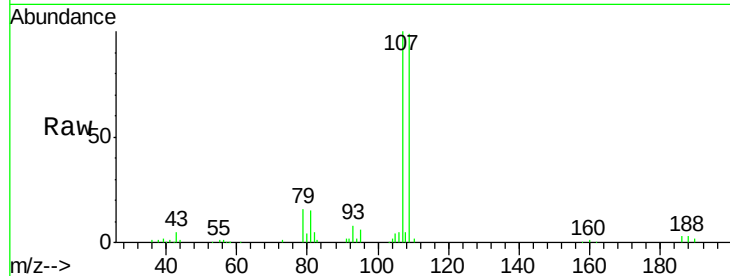
107 100

109 97.7 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

25000

20000

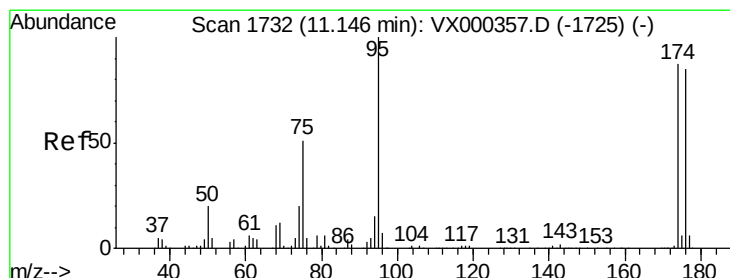
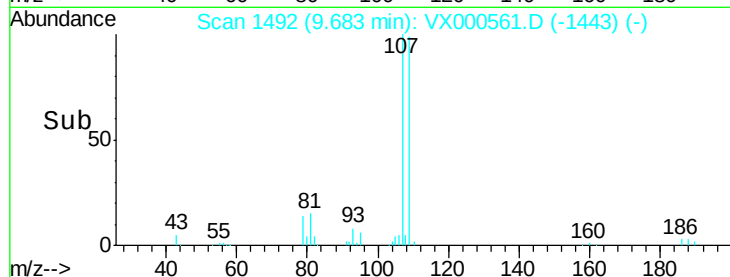
15000

10000

5000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.377 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

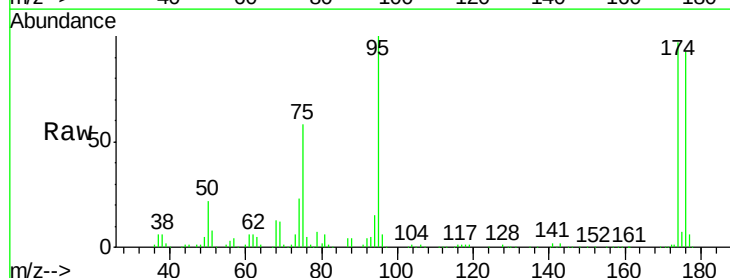
Tgt Ion: 95 Resp: 101190

Ion Ratio Lower Upper

95 100

174 92.8 0.0 173.6

176 88.8 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

11.15

100000

80000

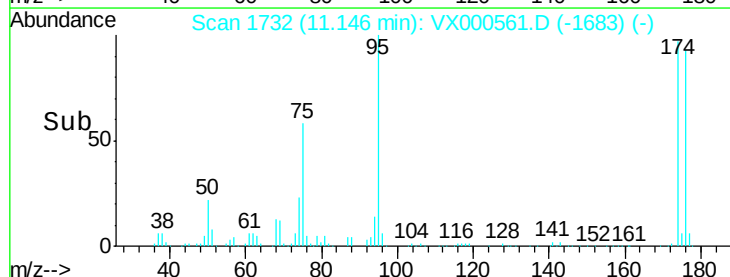
60000

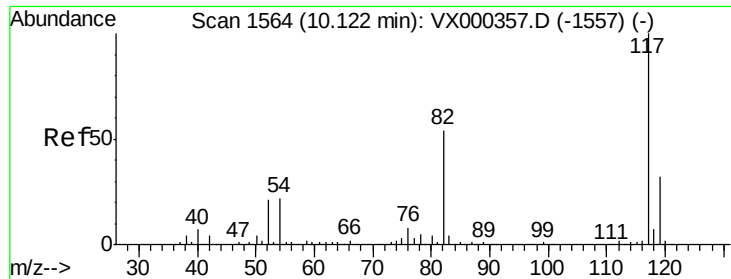
40000

20000

0

Time--> 11.10 11.20





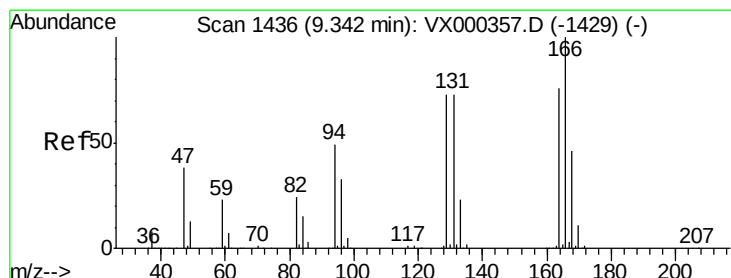
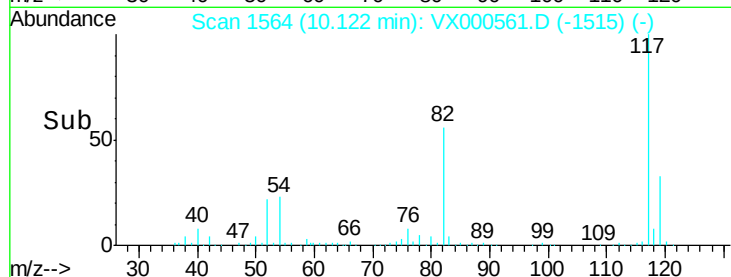
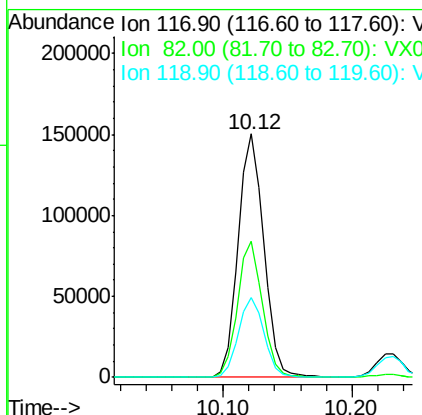
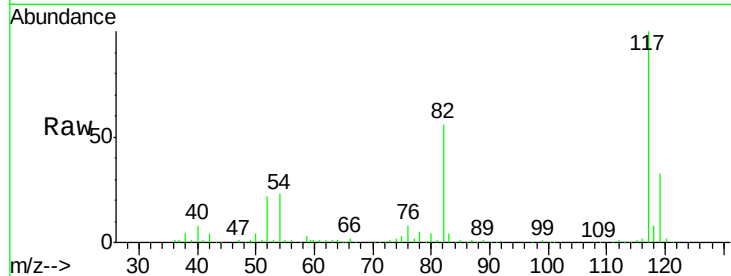
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.8	65.8
119	32.6	24.9	37.3

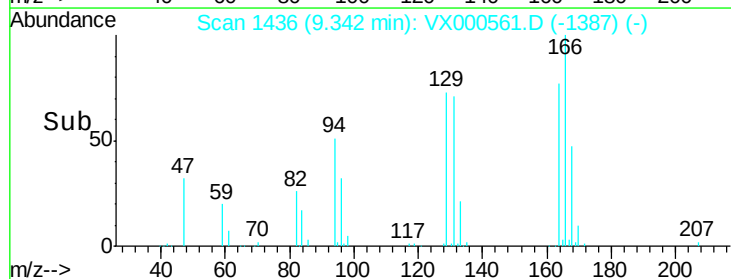
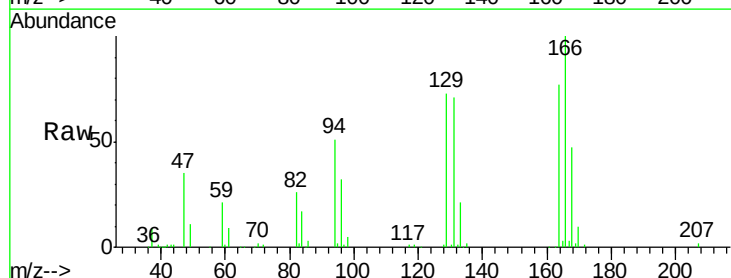
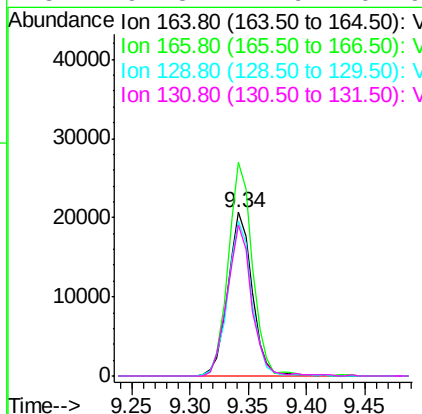
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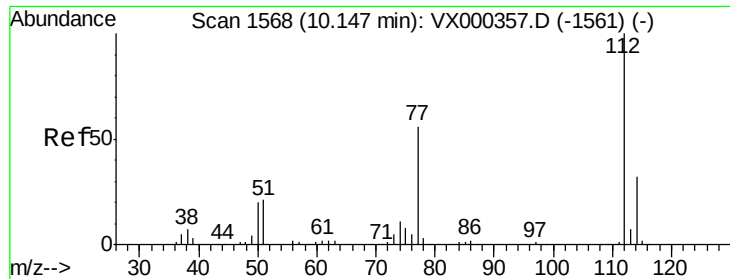
sam
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#64
Tetrachloroethene
Concen: 18.556 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.0	151.6
129	94.9	79.0	118.4
131	92.3	71.9	107.9





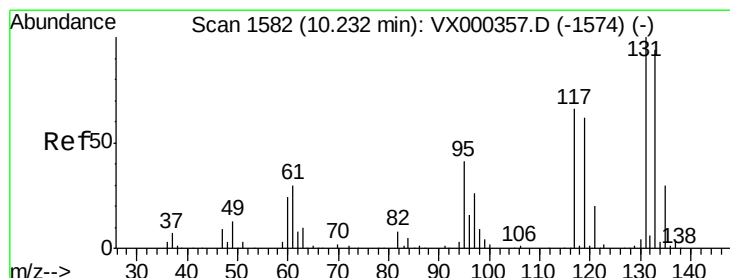
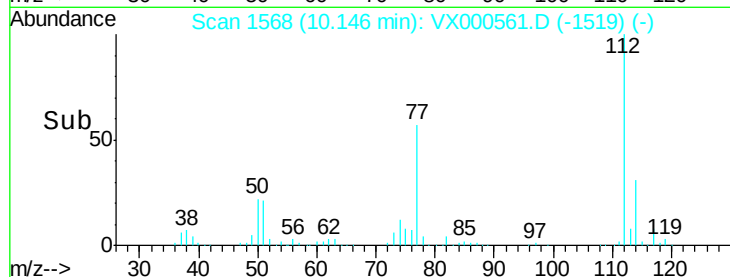
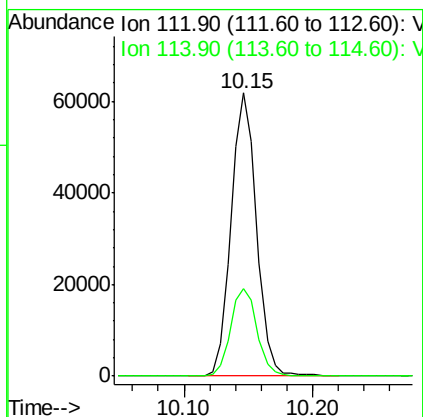
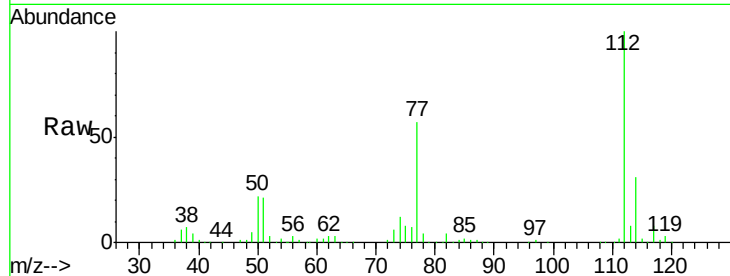
#65
Chlorobenzene
Concen: 18.459 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

Tot Ion:112 Resp: 85462
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

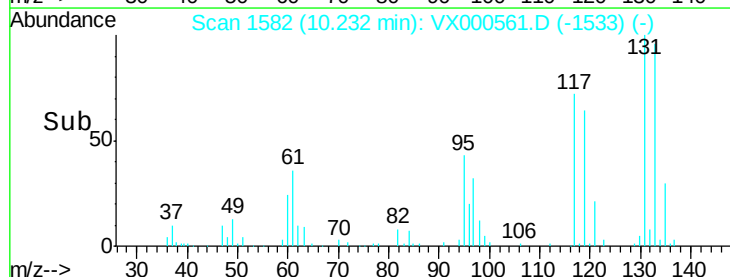
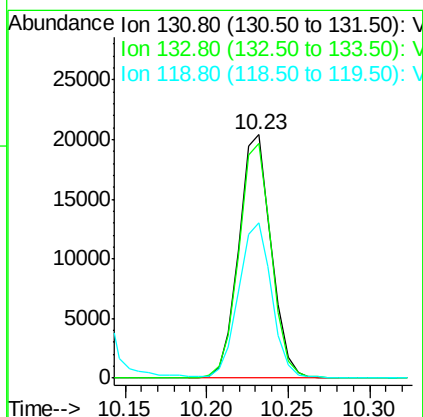
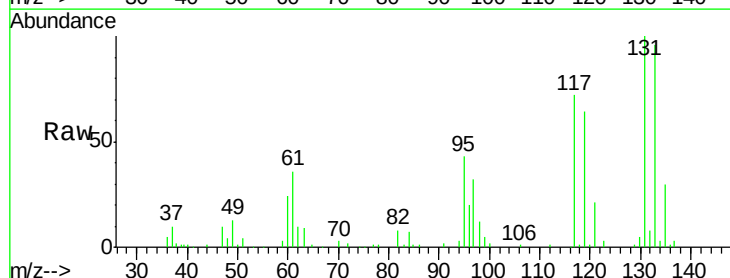
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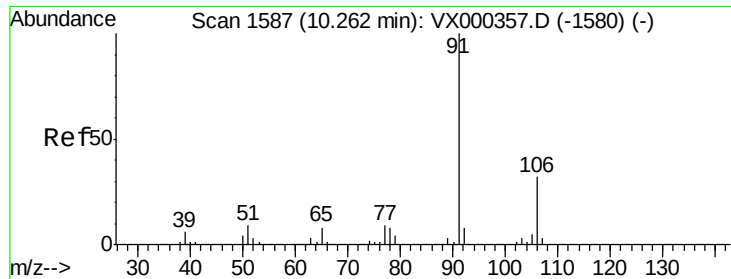
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.001 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion:131 Resp: 28305
Ion Ratio Lower Upper
131 100
133 96.9 47.1 141.3
119 65.3 33.1 99.2





#67

Ethyl Benzene

Concen: 18.436 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

Tot Ion: 91 Resp: 144692

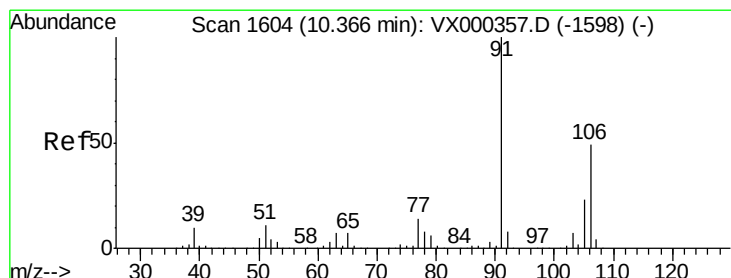
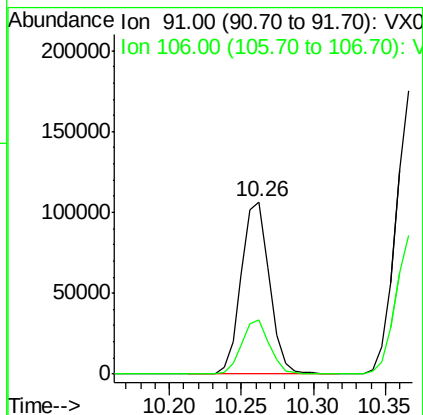
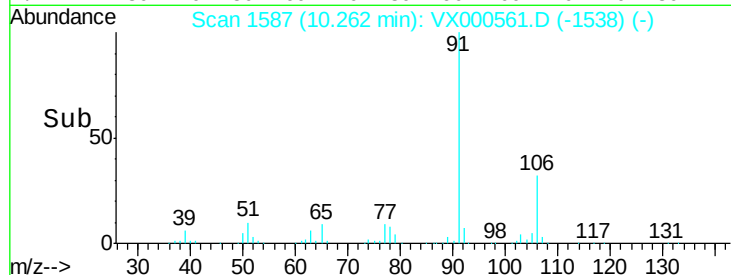
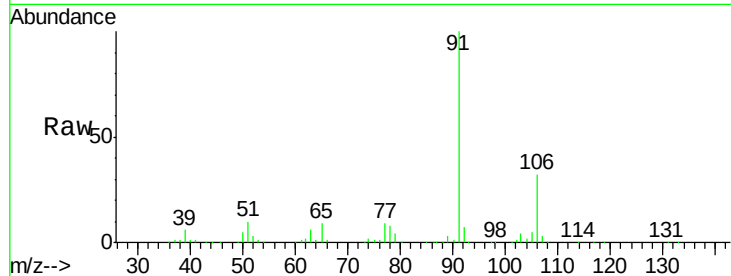
Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6

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#68

m/p-Xylenes

Concen: 37.476 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000561.D

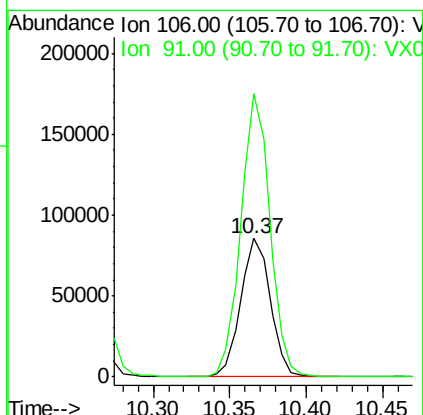
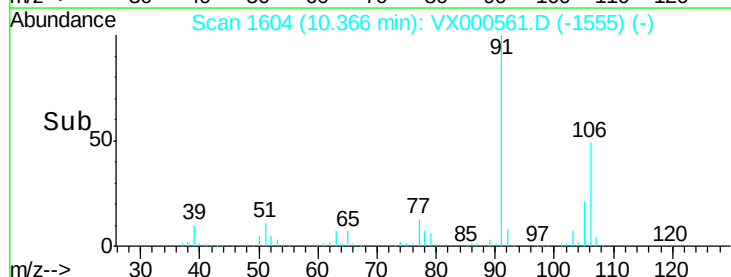
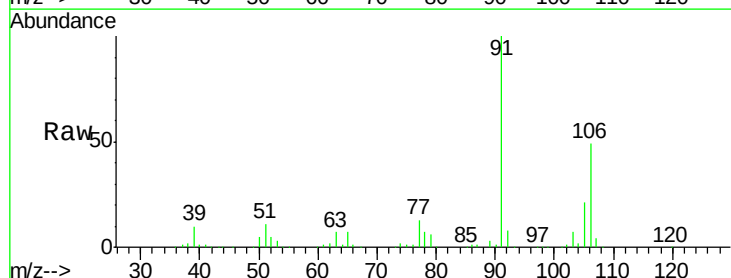
Acq: 30 Mar 2018 15:20

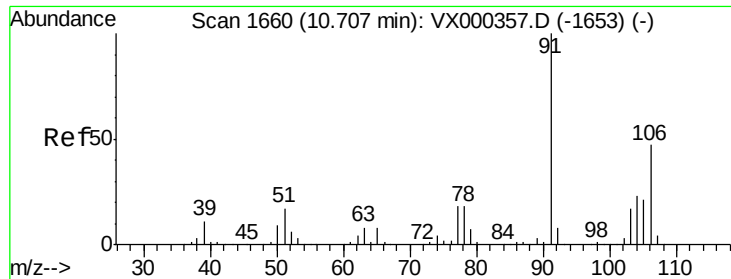
Tgt Ion: 106 Resp: 115738

Ion Ratio Lower Upper

106 100

91 199.2 163.4 245.2





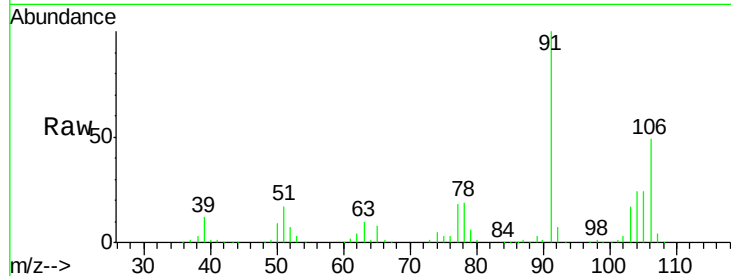
#69
o-Xylene
Concen: 18.605 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

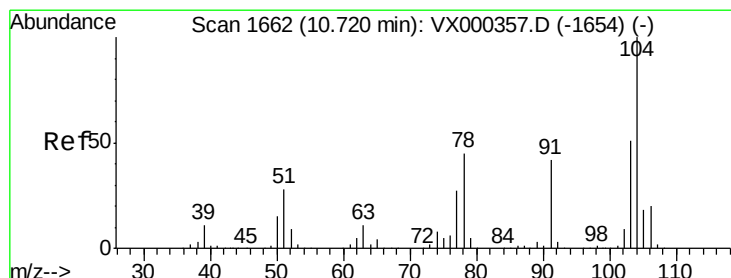
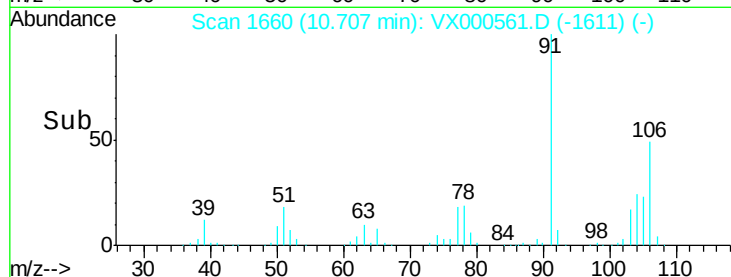
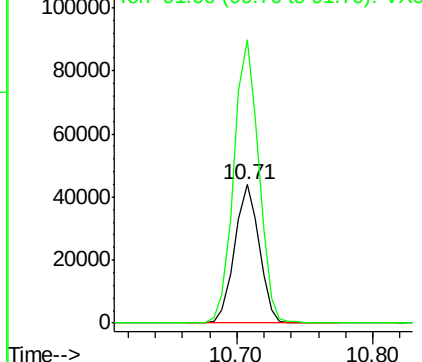
Tot Ion:106 Resp: 55633
Ion Ratio Lower Upper
106 100
91 206.8 106.5 319.6

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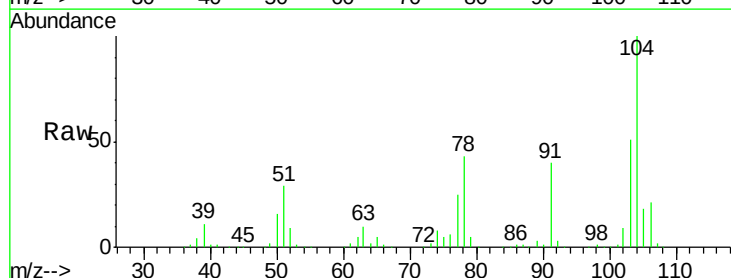


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

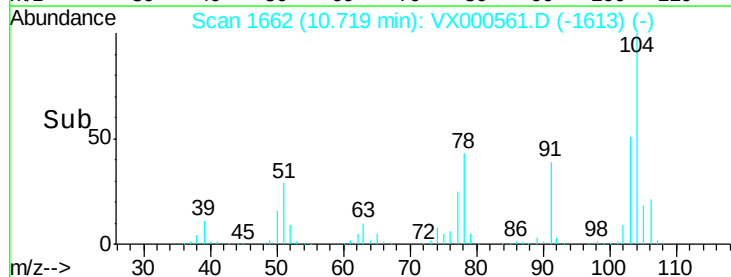
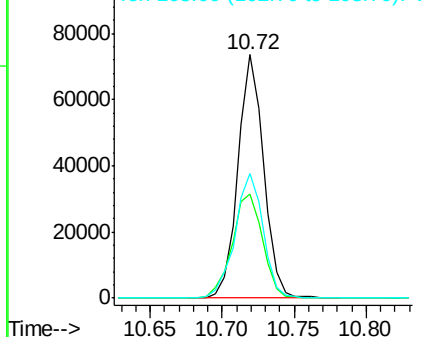


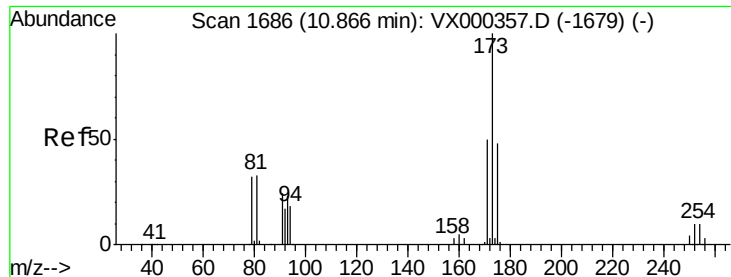
#70
Styrene
Concen: 18.522 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion:104 Resp: 91644
Ion Ratio Lower Upper
104 100
78 50.9 40.5 60.7
103 56.4 45.7 68.5



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





#71

Bromoform

Concen: 17.509 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

Tot Ion:173 Resp: 23074

Ion Ratio Lower Upper

173 100

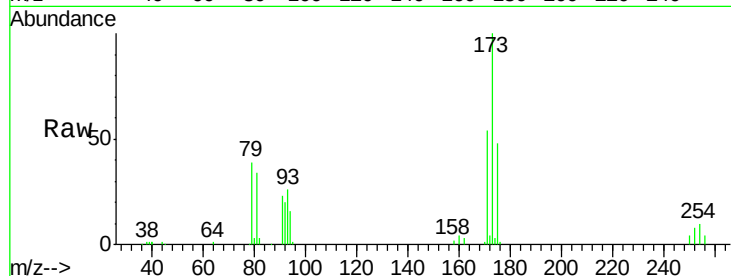
175 47.3 25.4 76.4

254 0.0 0.0 0.0

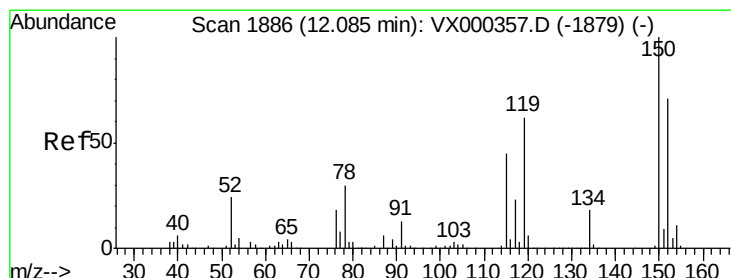
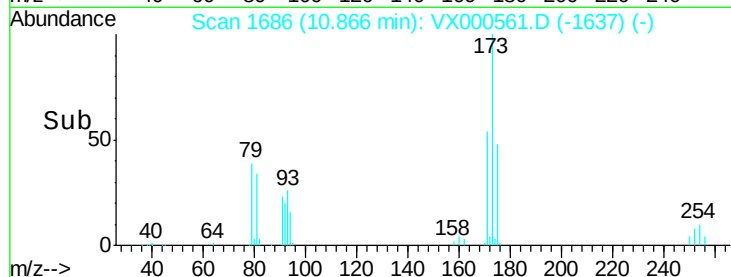
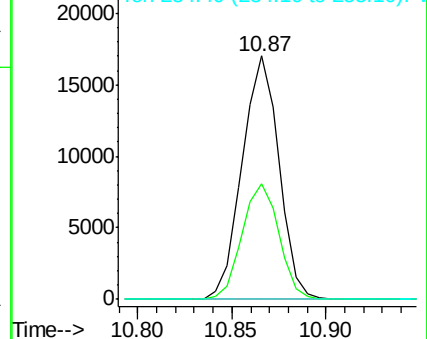
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

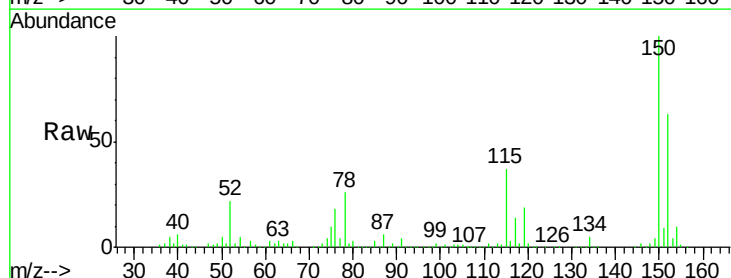
Tgt Ion:152 Resp: 126680

Ion Ratio Lower Upper

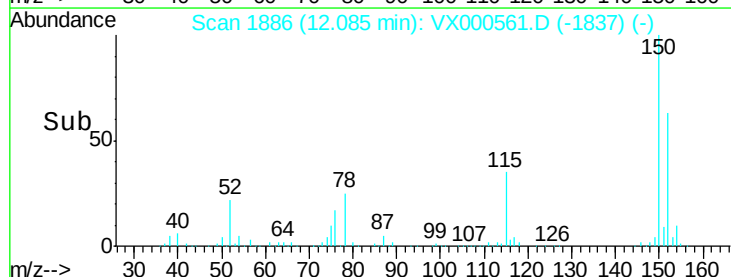
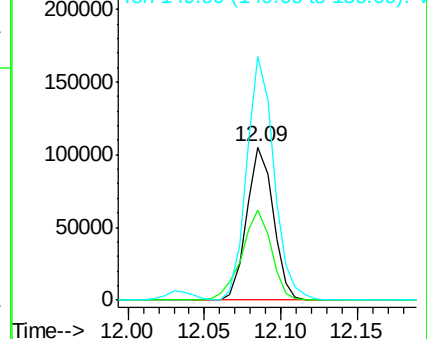
152 100

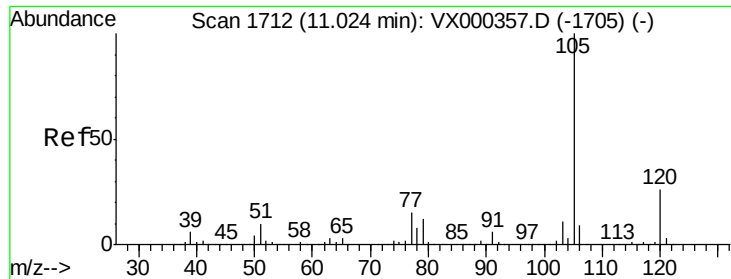
115 65.2 39.8 119.3

150 163.2 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: 17.963 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

Tot Ion: 105 Resp: 150769

Ion Ratio Lower Upper

105 100

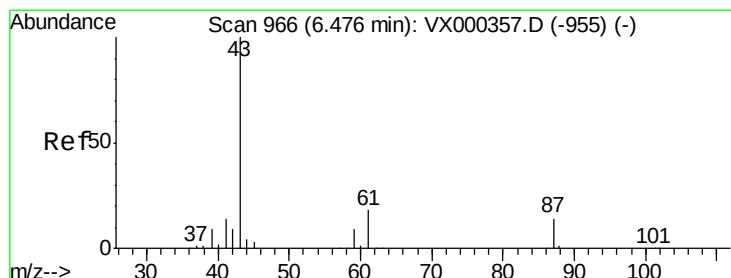
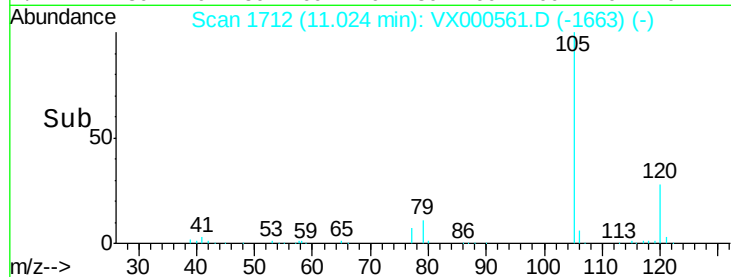
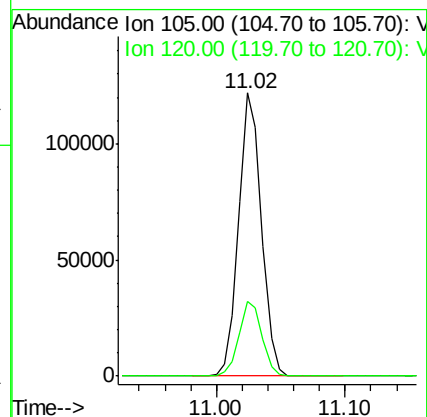
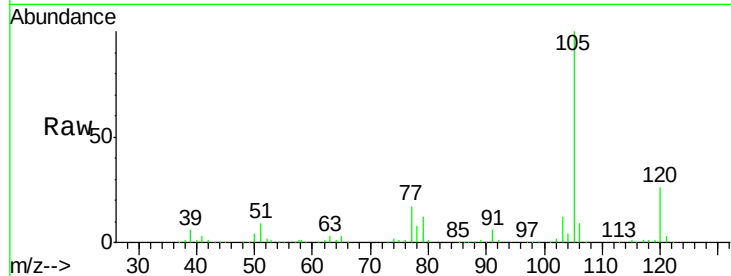
120 26.5 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 17.043 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Tgt Ion: 43 Resp: 70293

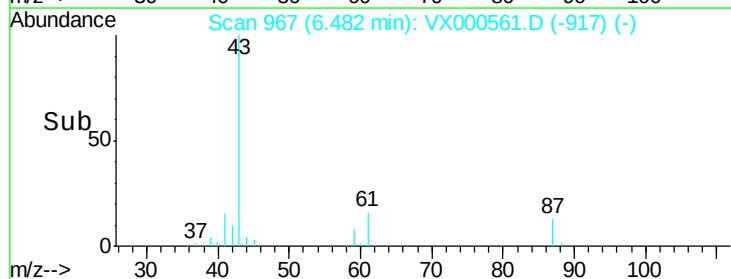
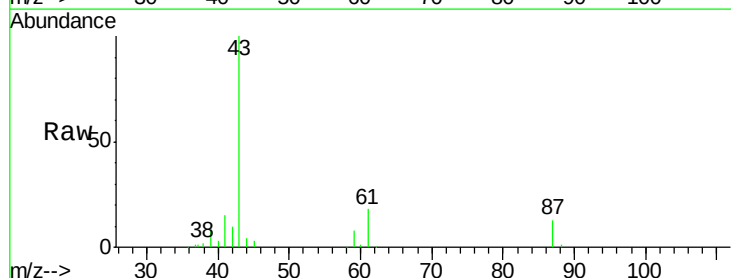
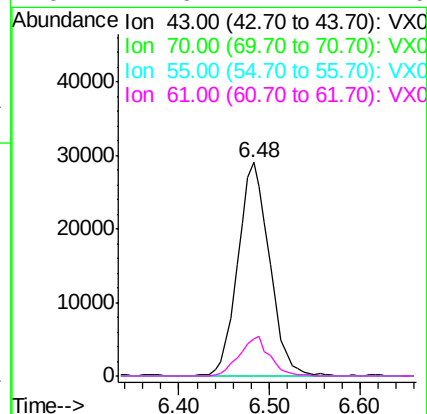
Ion Ratio Lower Upper

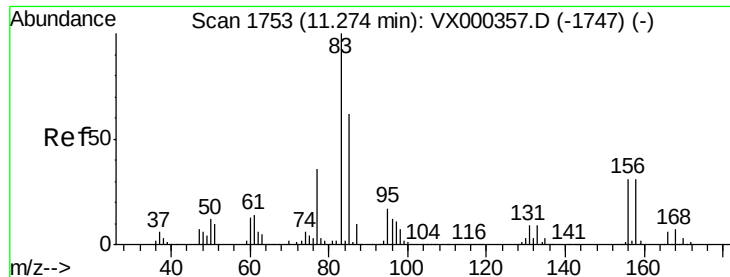
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.274 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

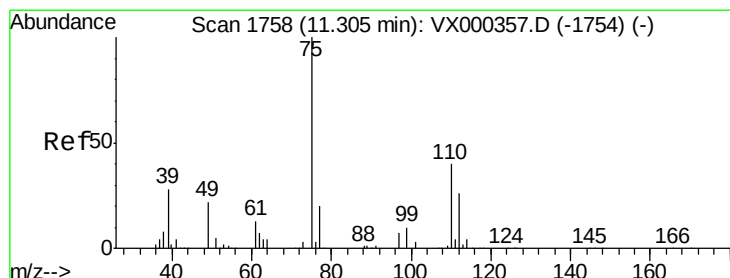
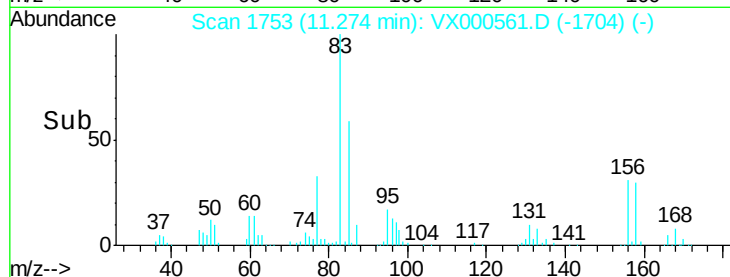
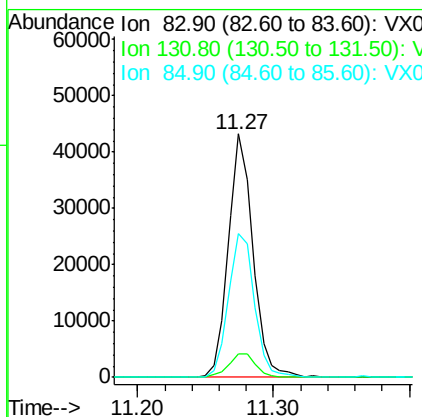
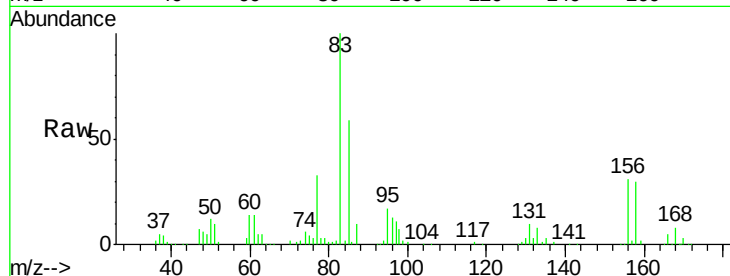
ClientSampleId :

VX0330WBS01

Tot Ion:	83	Resp:	54252
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.0	14.9
85	63.0	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.500 ug/l m

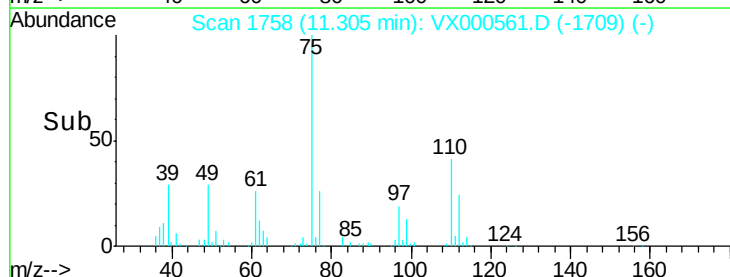
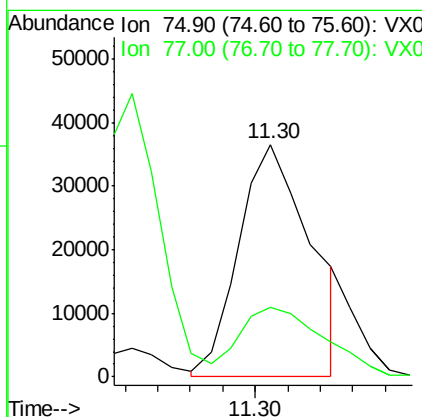
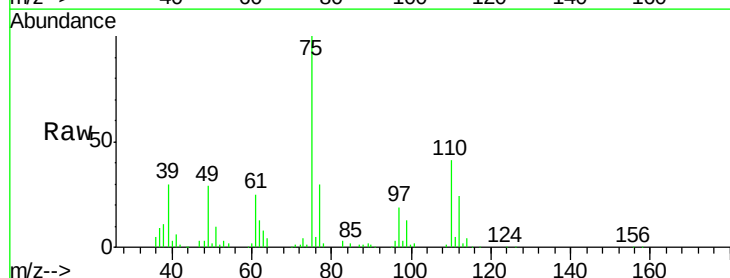
RT: 11.30 min Scan# 1758

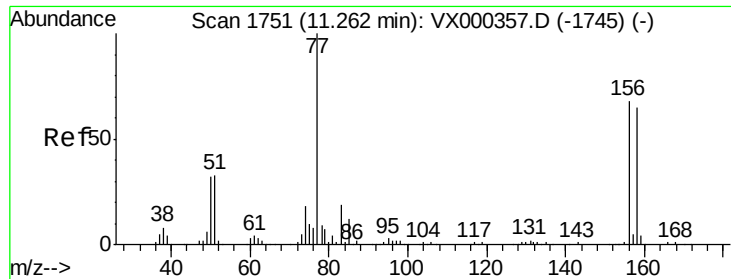
Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Tgt Ion:	75	Resp:	55810
Ion	Ratio	Lower	Upper
75	100		
77	35.4	21.4	64.2





#77

Bromobenzene

Concen: 17.795 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

Tot Ion:156 Resp: 39788

Ion Ratio Lower Upper

156 100

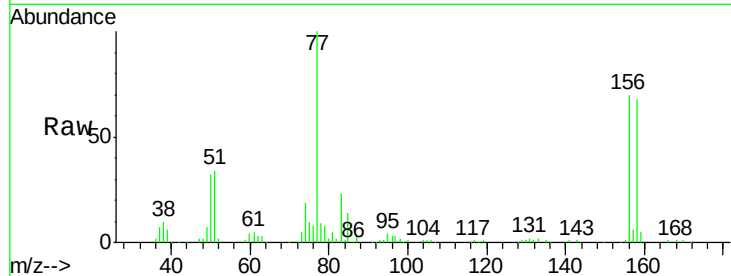
77 144.6 73.4 220.2

158 96.6 48.5 145.6

Manual Integrations
APPROVED

sam

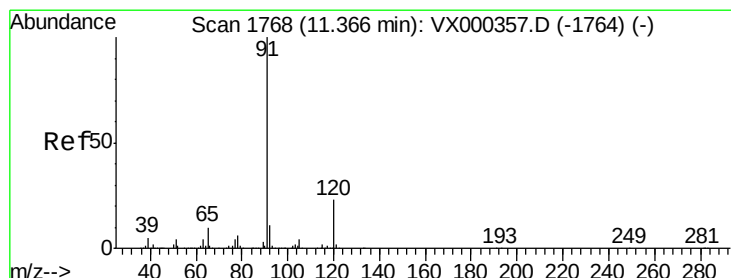
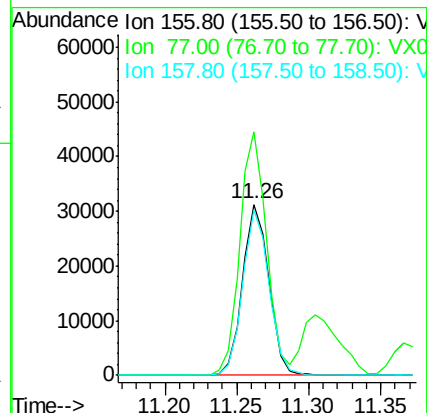
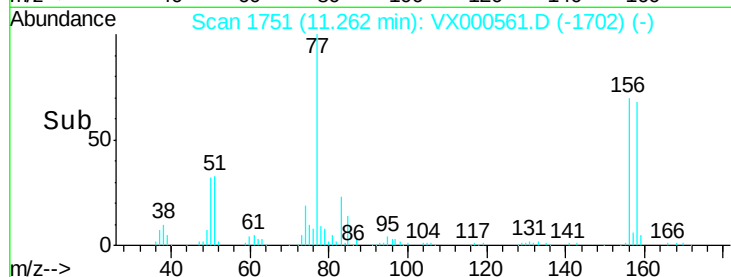
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.148 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000561.D

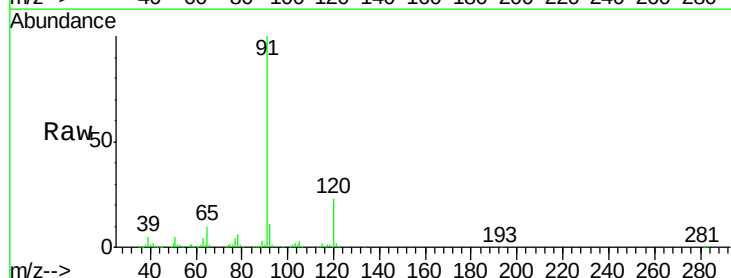
Acq: 30 Mar 2018 15:20

Tgt Ion: 91 Resp: 181630

Ion Ratio Lower Upper

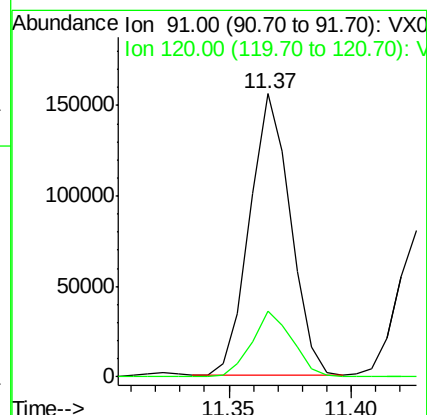
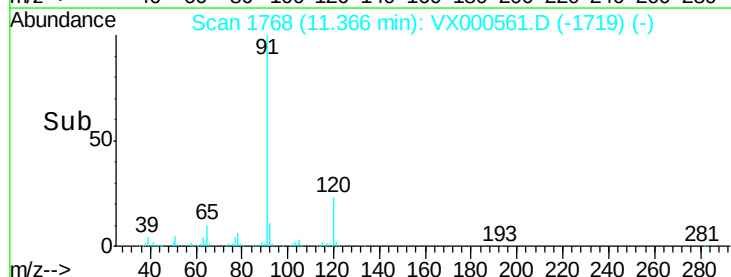
91 100

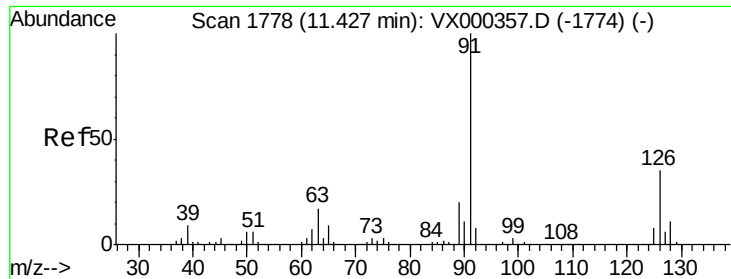
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.600 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

Tot Ion: 91 Resp: 101756

Ion Ratio Lower Upper

91 100

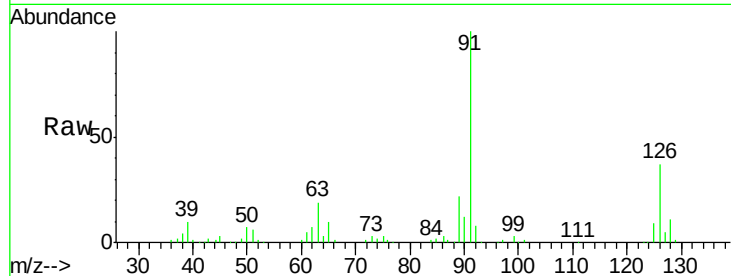
126 36.4 17.7 53.1

Manual Integrations

APPROVED

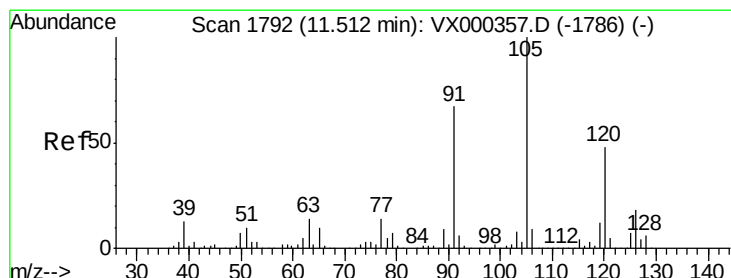
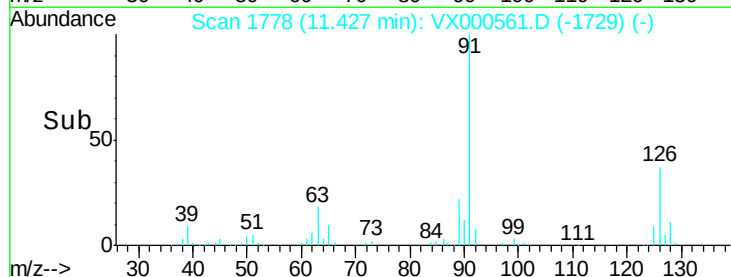
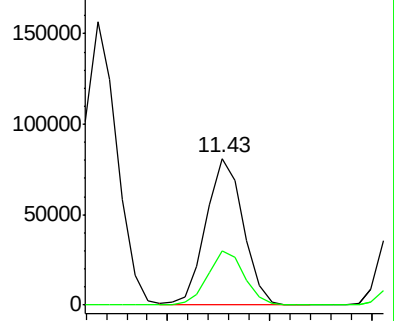
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.359 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000561.D

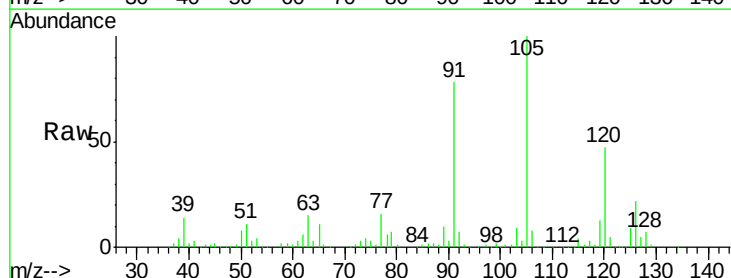
Acq: 30 Mar 2018 15:20

Tgt Ion: 105 Resp: 129570

Ion Ratio Lower Upper

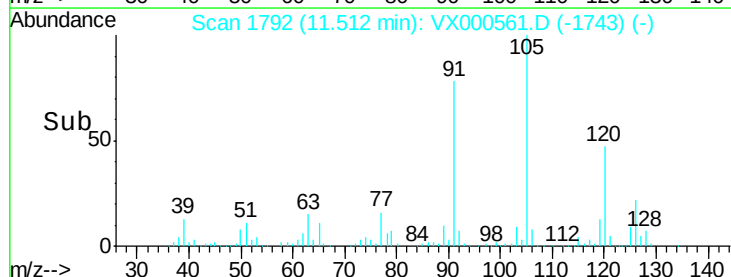
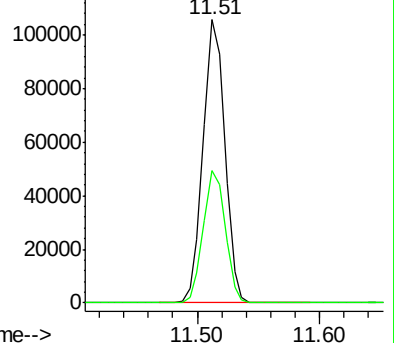
105 100

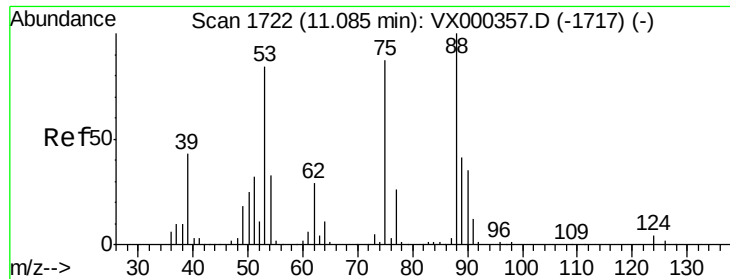
120 47.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)





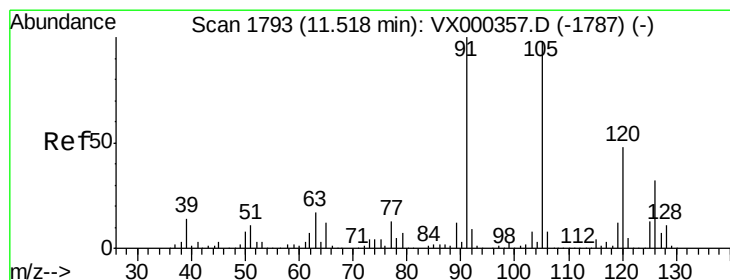
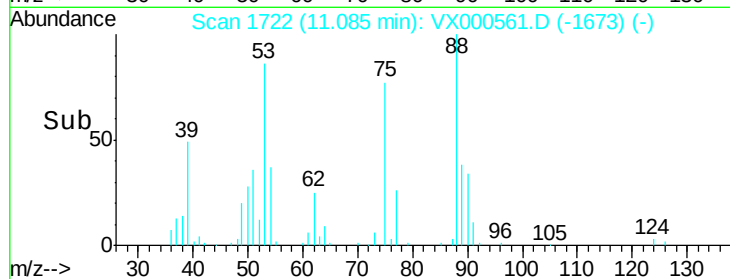
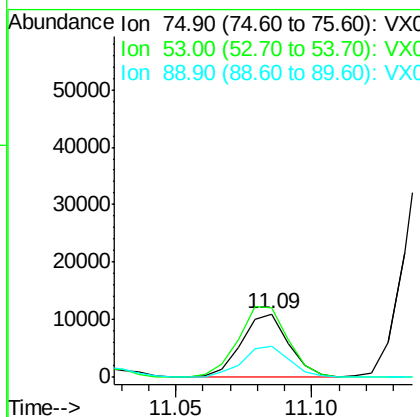
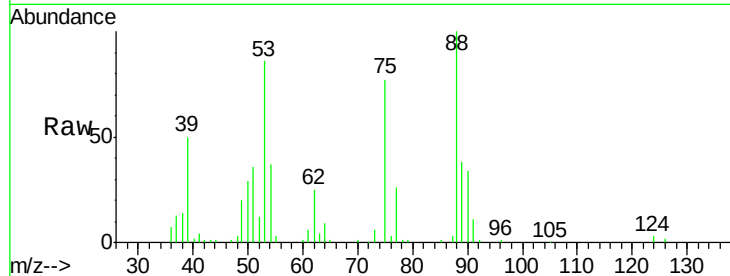
#81
trans-1,4-Dichloro-2-butene
Concen: 16.007 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.0	80.7	121.1
89	48.6	39.4	59.0

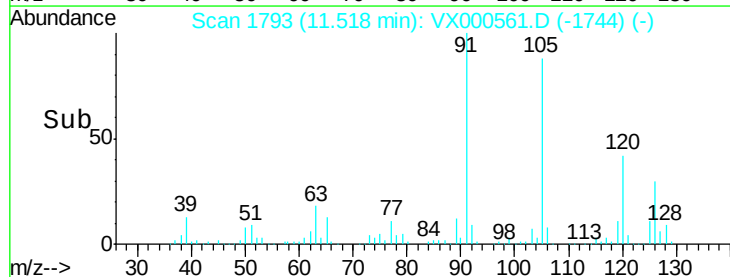
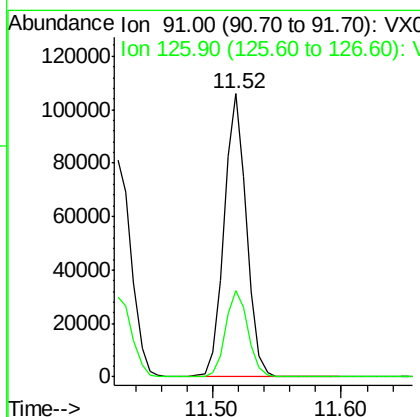
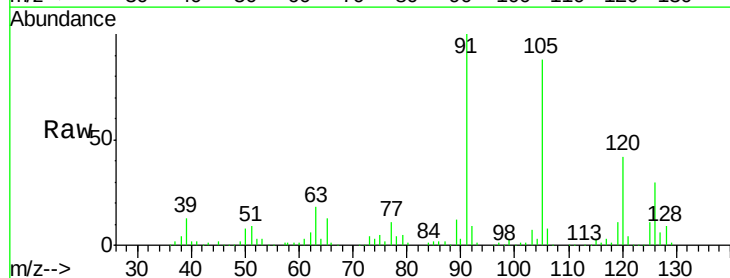
Manual Integrations
APPROVED

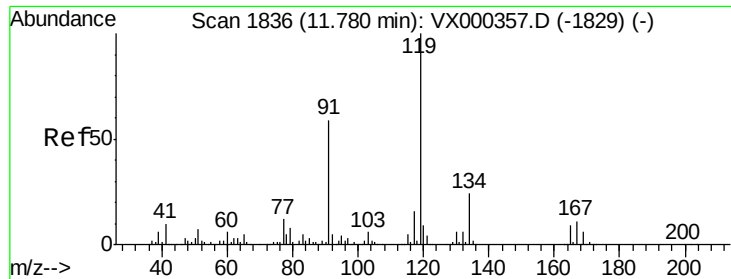
sam
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#82
4-Chlorotoluene
Concen: 18.675 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.1





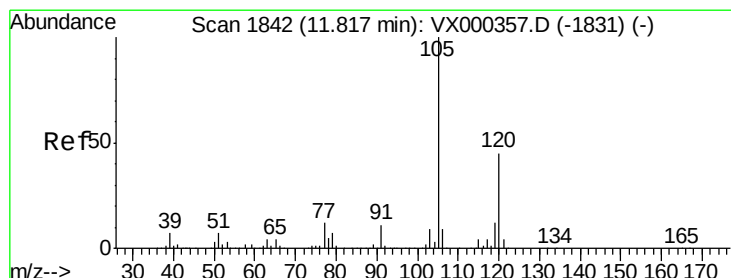
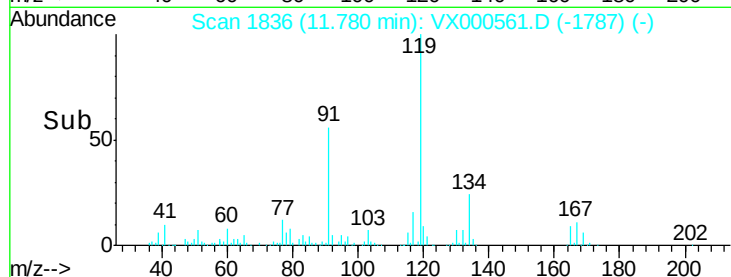
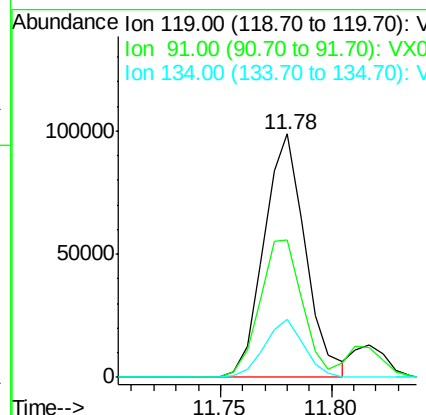
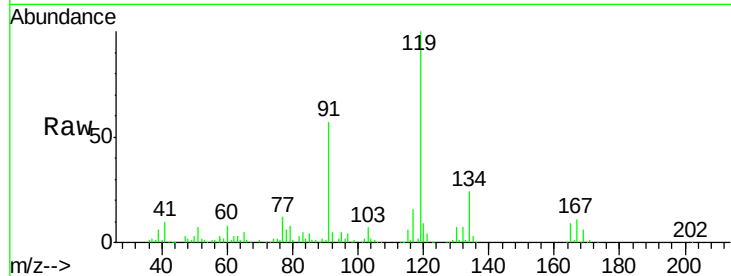
#83
 tert-Butylbenzene
 Concen: 17.923 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	127573		
91	57.8		28.8	86.4
134	22.6		11.4	34.1

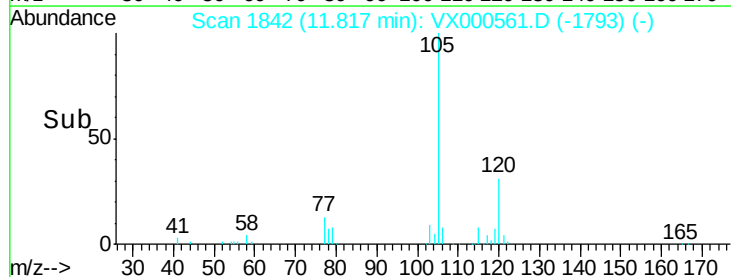
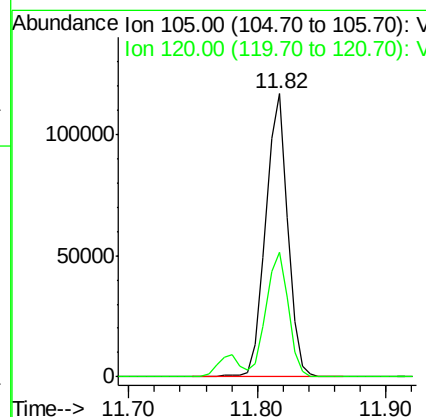
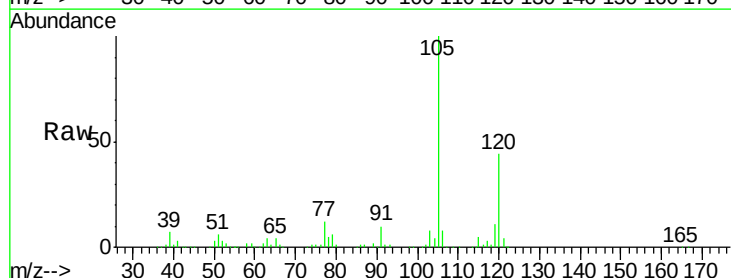
Manual Integrations
 APPROVED

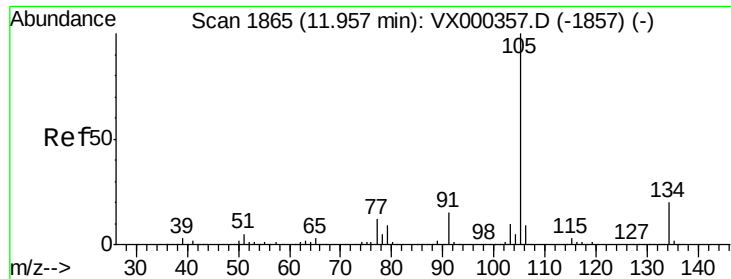
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.638 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	137911		
120	44.3		22.4	67.3





#85

sec-Butylbenzene

Concen: 18.193 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

Tot Ion:105 Resp: 160226

Ion Ratio Lower Upper

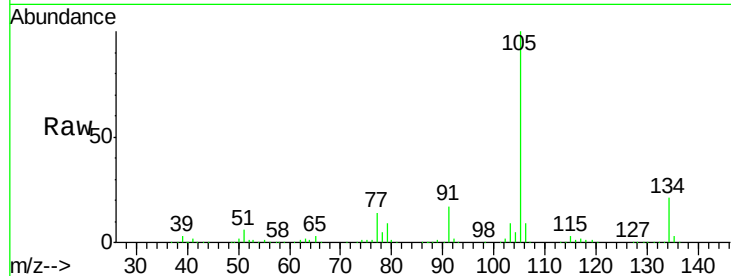
105 100

134 20.1 10.3 30.8

Manual Integrations
APPROVED

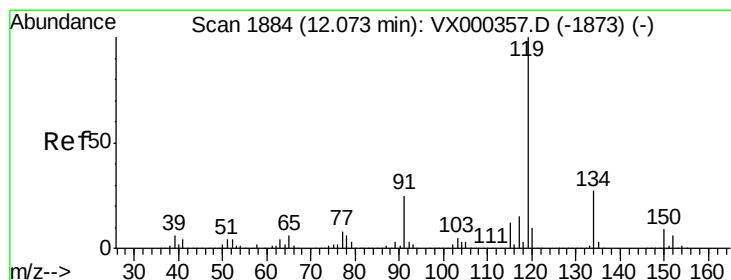
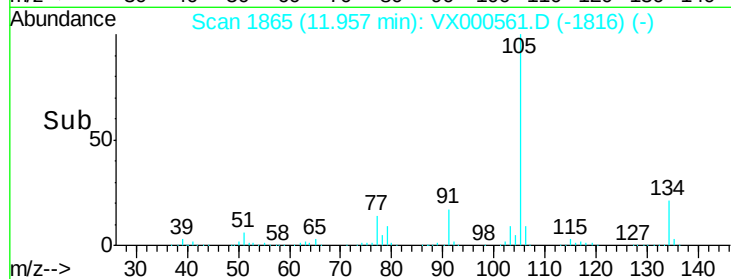
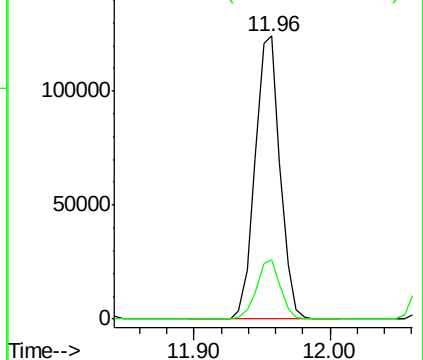
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.575 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

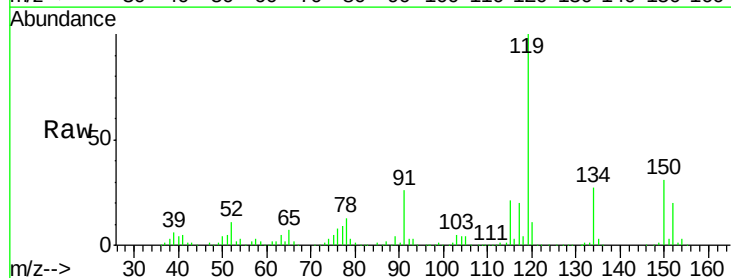
Tgt Ion:119 Resp: 145287

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

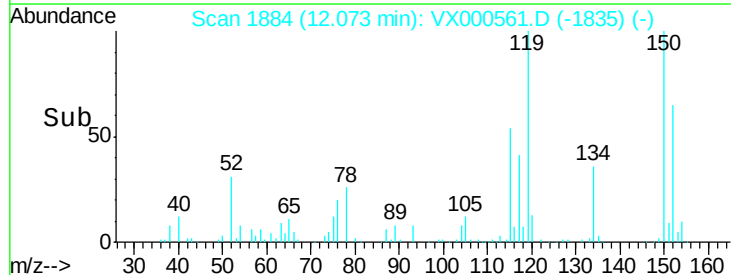
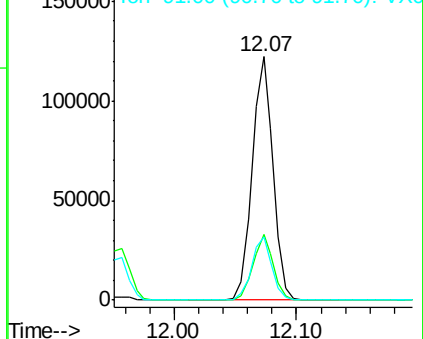
91 25.2 12.0 36.1

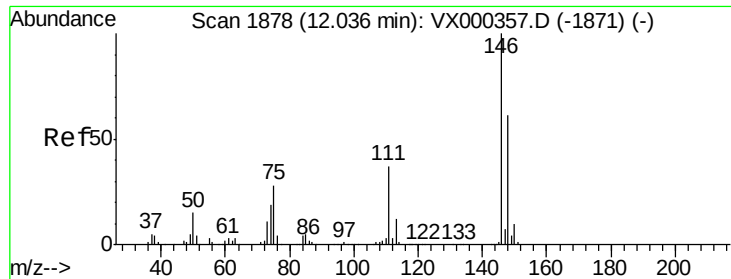


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





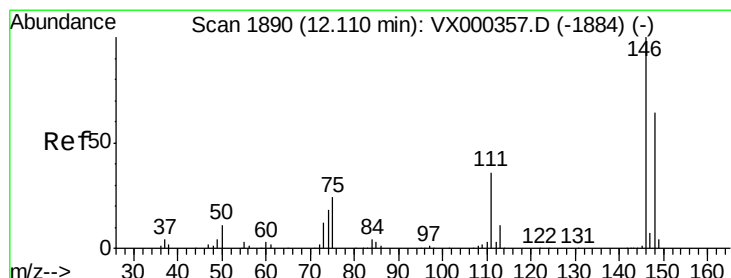
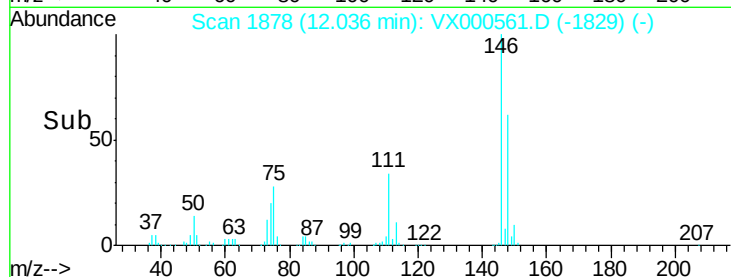
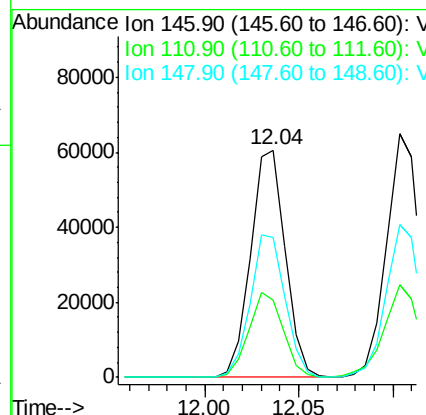
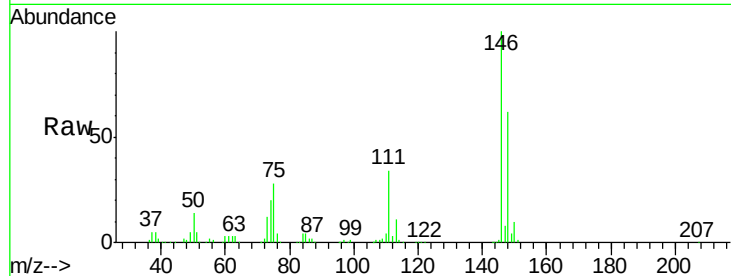
#87
 1,3-Dichlorobenzene
 Concen: 18.297 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.5	58.5
148	63.0	32.4	97.0

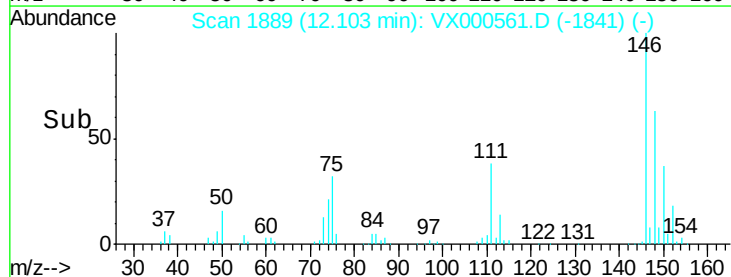
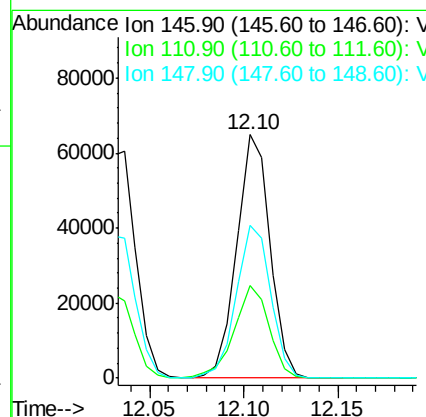
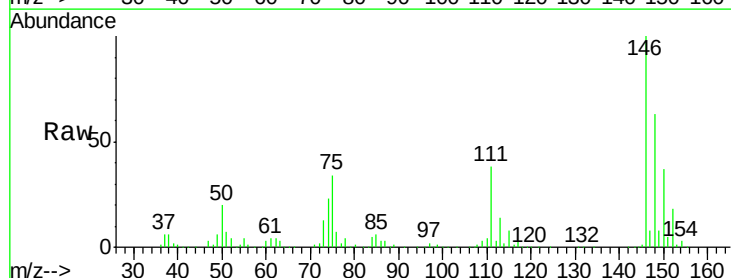
Manual Integrations
 APPROVED

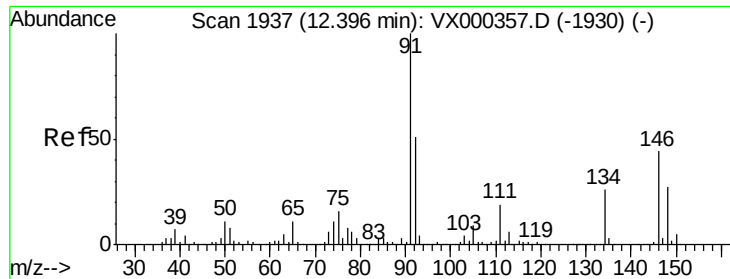
sam
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#88
 1,4-Dichlorobenzene
 Concen: 17.998 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.9	56.9
148	64.7	31.0	93.0





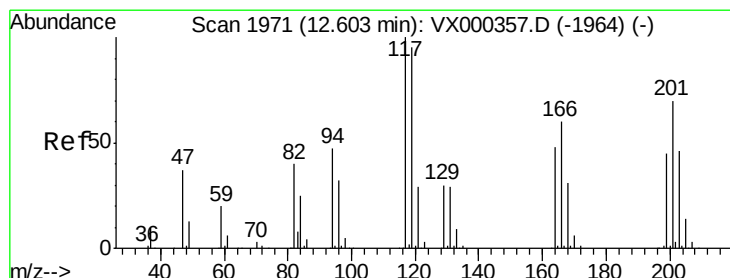
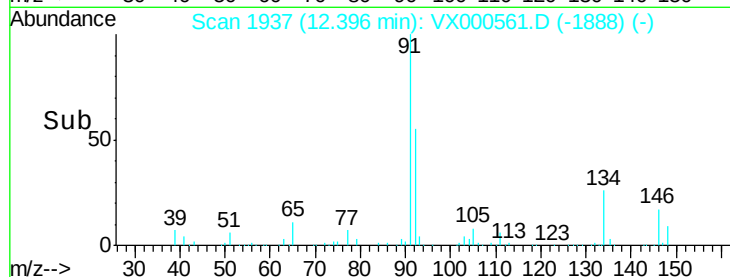
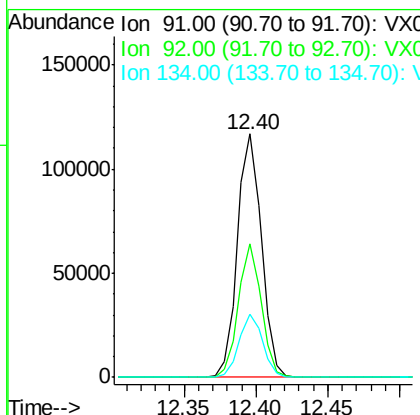
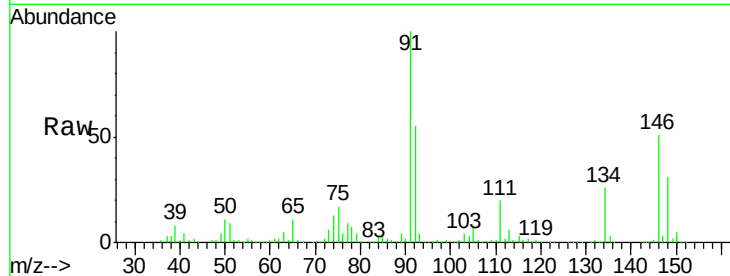
#89
n-Butylbenzene
Concen: 18.735 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	25.3	13.1	39.3

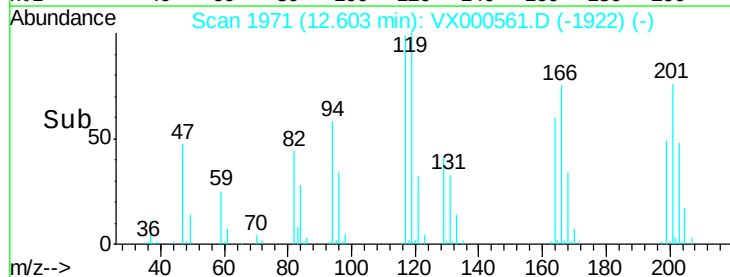
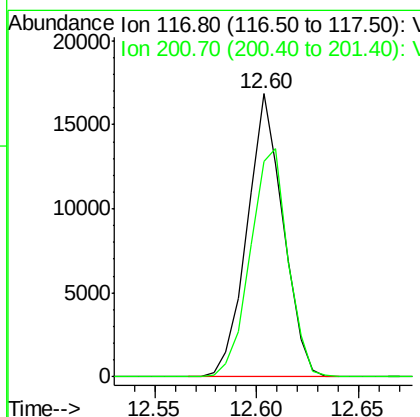
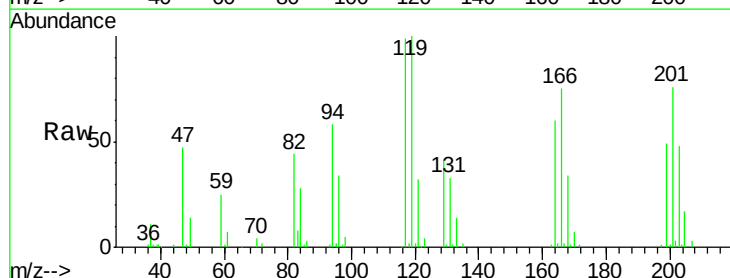
Manual Integrations
APPROVED

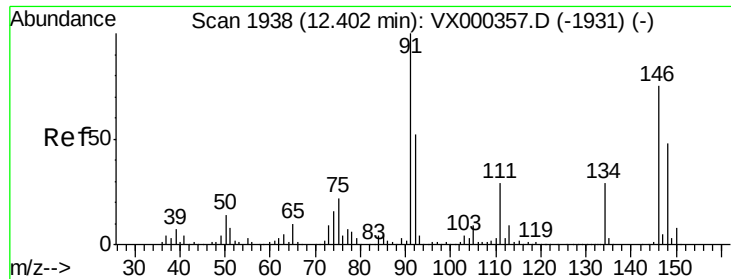
sam
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#90
Hexachloroethane
Concen: 16.771 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.4	37.9	113.6





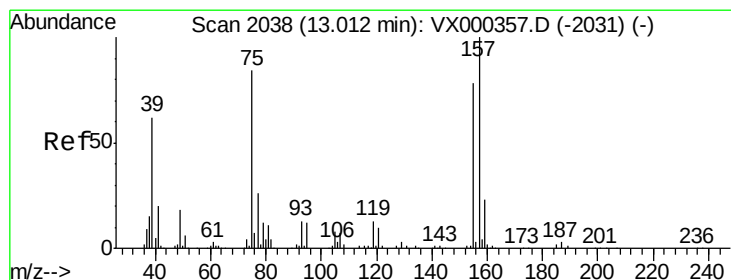
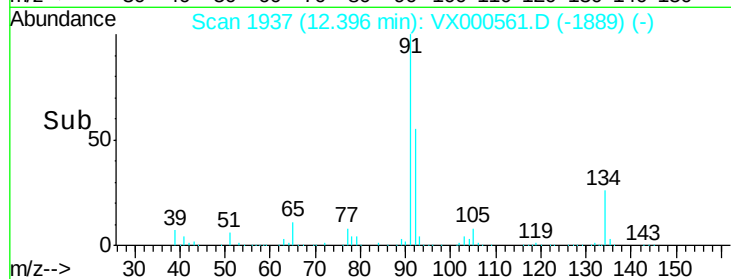
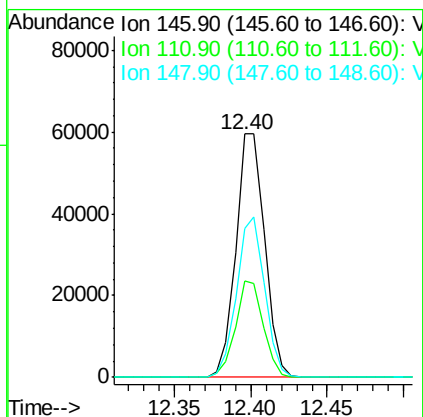
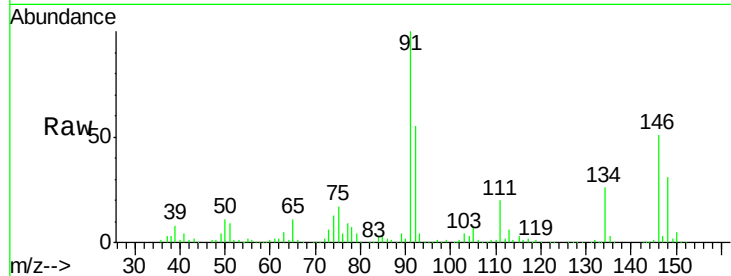
#91
 1,2-Dichlorobenzene
 Concen: 18.728 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.1	60.2
148	64.2	31.2	93.6

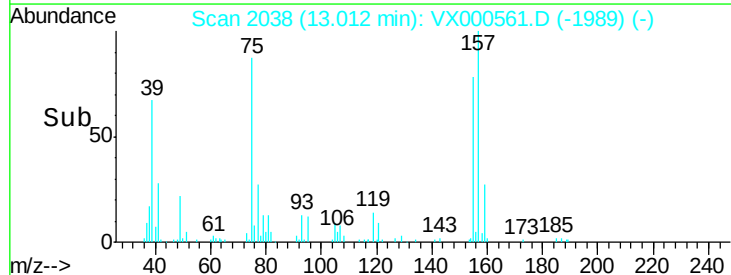
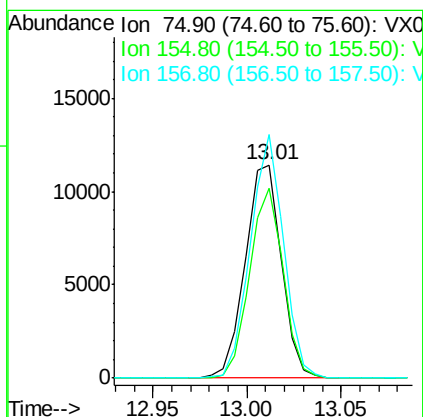
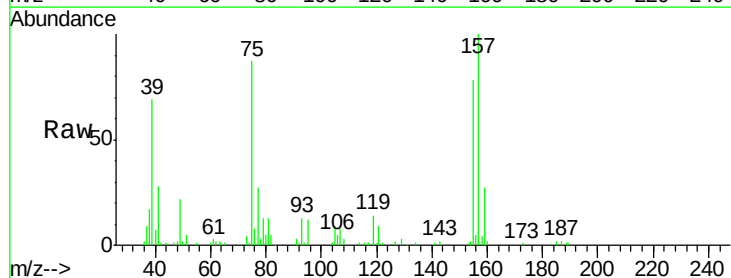
Manual Integrations
 APPROVED

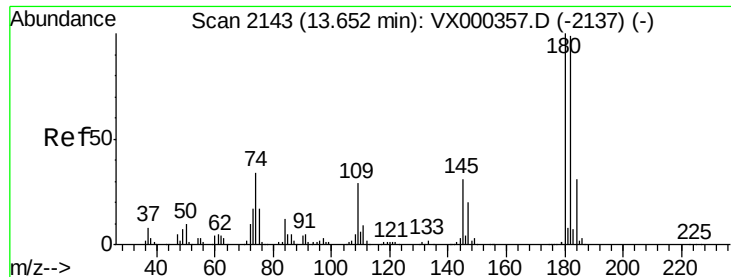
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.384 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.2	45.0	134.8
157	104.3	58.1	174.2





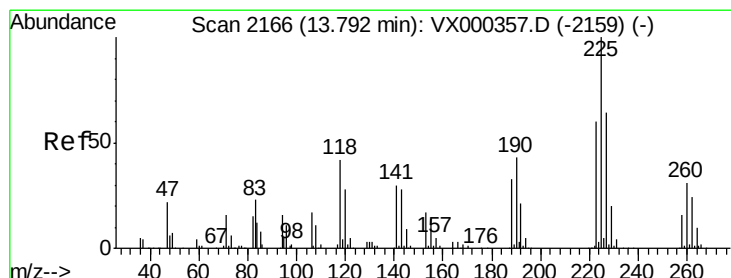
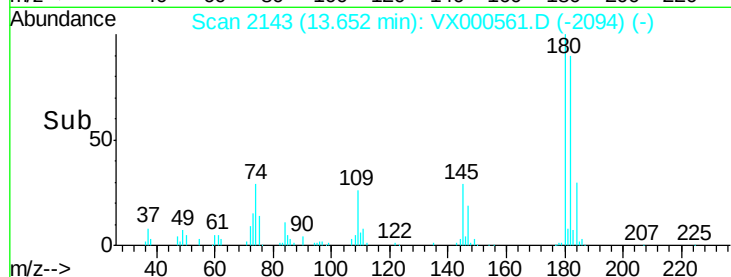
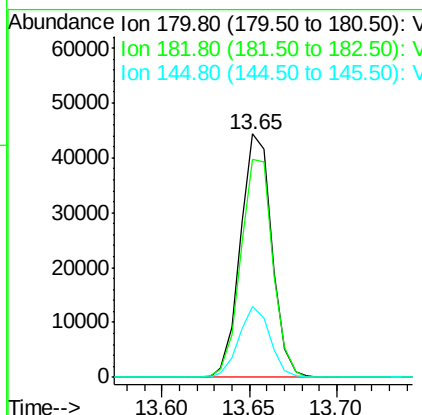
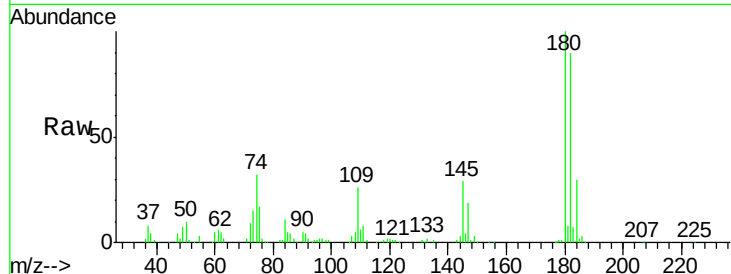
#93
 1,2,4-Trichlorobenzene
 Concen: 18.590 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.6	142.9
145	28.8	15.1	45.3

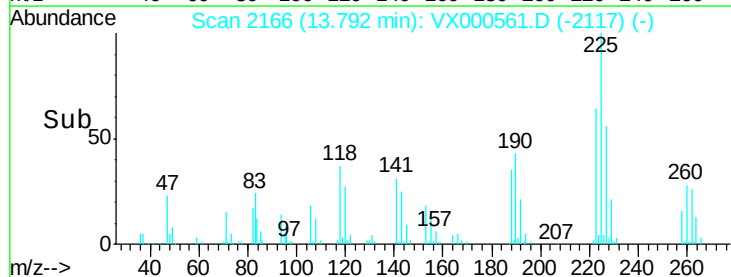
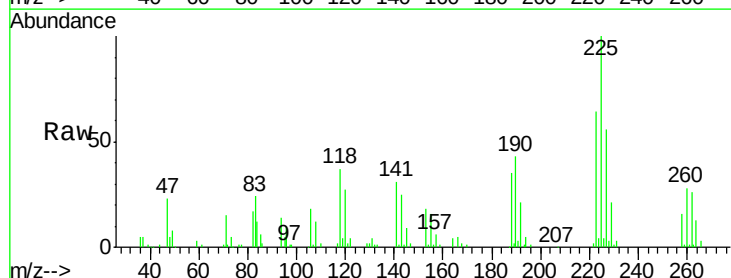
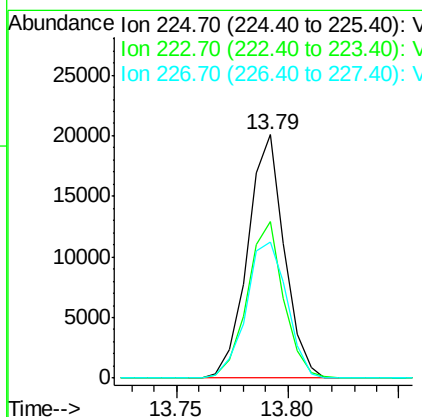
Manual Integrations
 APPROVED

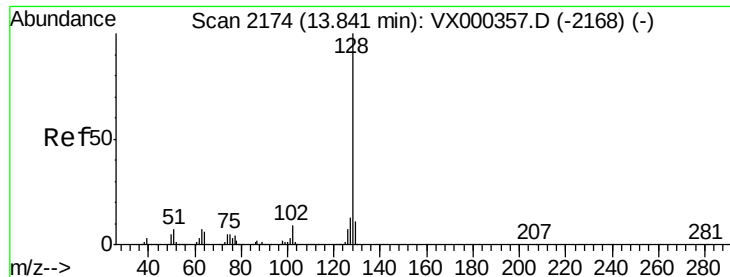
sam
 4/4/2018 6:10:58 PM



#94
 Hexachlorobutadiene
 Concen: 18.733 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.0	96.0
227	61.8	32.6	98.0





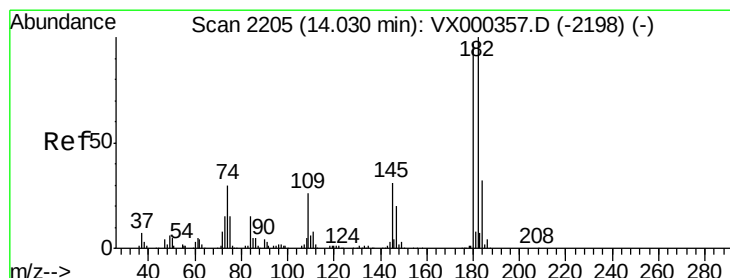
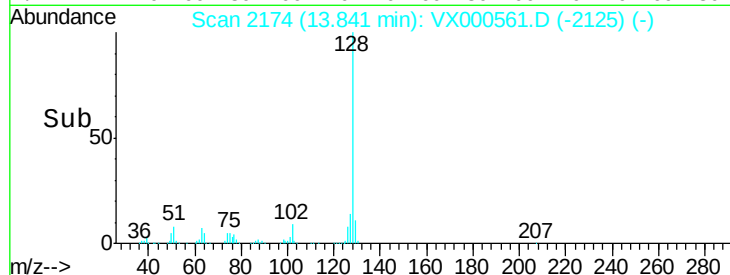
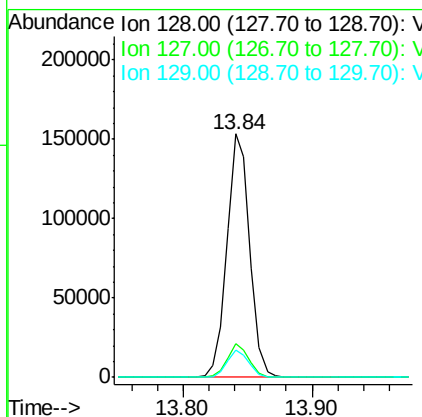
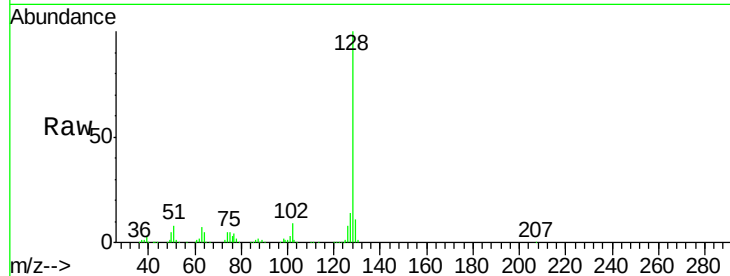
#95
Naphthalene
Concen: 18.344 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	189880		
127	13.3		10.6	15.8
129	10.8		8.9	13.3

Manual Integrations
APPROVED

sam
4/4/2018 6:10:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.560 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	54496		
182	93.7		47.4	142.3
145	30.5		15.8	47.3

