

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000651.D
 Acq On : 03 Apr 2018 13:52
 Operator : JC/MD
 Sample : VX0403WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Manual Integrations
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 4/4/2018 5:42:49 PM

Quant Time: Apr 03 18:02:48 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	5.68	168	131896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	216356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	231932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	77488	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	
35) Dibromofluoromethane	5.51	113	63354	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	8.73	98	257128	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
62) 4-Bromofluorobenzene	11.15	95	101794	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	24085	16.569	ug/l	96
3) Chloromethane	1.32	50	25308	16.526	ug/l	97
4) Vinyl Chloride	1.41	62	31461	19.443	ug/l	97
5) Bromomethane	1.64	94	29492	15.256	ug/l	95
6) Chloroethane	1.73	64	23779	25.946	ug/l	96
7) Trichlorofluoromethane	1.93	101	61077	20.913	ug/l	99
8) Diethyl Ether	2.19	74	22568	21.623	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33703	20.695	ug/l	98
10) Methyl Iodide	2.52	142	16008	13.348	ug/l	94
11) Tert butyl alcohol	3.07	59	64223	108.443	ug/l	98
12) 1,1-Dichloroethene	2.38	96	29591	20.698	ug/l	95
13) Acrolein	2.29	56	26668	147.386	ug/l	97
14) Allyl chloride	2.73	41	53267	21.037	ug/l	97
15) Acrylonitrile	3.15	53	126246	105.251	ug/l	99
16) Acetone	2.45	43	152820	106.699	ug/l	96
17) Carbon Disulfide	2.57	76	69670	18.329	ug/l	100
18) Methyl Acetate	2.78	43	64237	21.393	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	109043	20.623	ug/l	97
20) Methylene Chloride	2.86	84	34823	21.050	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	32405	20.320	ug/l	92
22) Diisopropyl ether	3.88	45	77263	17.288	ug/l	98
23) Vinyl Acetate	3.83	43	355058	83.805	ug/l	98
24) 1,1-Dichloroethane	3.70	63	57282	20.386	ug/l	99
25) 2-Butanone	4.71	43	155213	96.414	ug/l	98
26) 2,2-Dichloropropane	4.59	77	37062	18.819	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	27759	18.624	ug/l	97
28) Bromochloromethane	5.03	49	24078	20.781	ug/l	96
29) Tetrahydrofuran	5.17	42	94409	95.315	ug/l	99
30) Chloroform	5.23	83	52371	19.888	ug/l	97
31) Cyclohexane	5.59	56	38449	17.701	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	46407	19.535	ug/l	97
36) 1,1-Dichloropropene	5.81	75	37596	18.551	ug/l	98
37) Ethyl Acetate	4.87	43	50654	18.298	ug/l	99
38) Carbon Tetrachloride	5.79	117	39289	18.479	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	44797	18.175	ug/l	97
40) Benzene	6.15	78	114373	19.433	ug/l	100
41) Methacrylonitrile	5.07	41	27858	19.088	ug/l	98
42) 1,2-Dichloroethane	6.21	62	43787	18.962	ug/l	97
43) Isopropyl Acetate	6.48	43	77250	18.747	ug/l	99
44) Trichloroethene	7.22	130	33298	19.749	ug/l	95
45) 1,2-Dichloropropane	7.52	63	29483	19.571	ug/l	99
46) Dibromomethane	7.67	93	23379	19.771	ug/l	97
47) Bromodichloromethane	7.91	83	41474	19.935	ug/l	96
48) Methyl methacrylate	7.79	41	38222	19.106	ug/l	98
49) 1,4-Dioxane	7.76	88	17074	406.023	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	316361	99.185	ug/l	99
52) Toluene	8.79	92	80803	19.639	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	47840	19.844	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	47400	20.269	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	34235	20.234	ug/l	96
56) Ethyl methacrylate	9.19	69	49728	19.396	ug/l	99
57) 1,3-Dichloropropane	9.38	76	55854	20.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	92513	75.182	ug/l	98
59) 2-Hexanone	9.51	43	269664	99.568	ug/l	100
60) Dibromochloromethane	9.59	129	35078	20.193	ug/l	98
61) 1,2-Dibromoethane	9.68	107	37537	20.688	ug/l	100
64) Tetrachloroethene	9.34	164	33503	18.615	ug/l	97
65) Chlorobenzene	10.15	112	96705	18.736	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	33030	18.842	ug/l	96
67) Ethyl Benzene	10.26	91	168572	19.266	ug/l	97
68) m/p-Xylenes	10.37	106	132503	38.484	ug/l	96
69) o-Xylene	10.71	106	64567	19.368	ug/l	98
70) Styrene	10.72	104	105519	19.130	ug/l	100
71) Bromoform	10.87	173	28296	18.783	ug/l #	95
73) Isopropylbenzene	11.02	105	175221	17.869	ug/l	99
74) N-amyl acetate	6.48	43	77250	15.823	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65104	18.771	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	66104m	20.783	ug/l	
77) Bromobenzene	11.26	156	45011	17.231	ug/l	98
78) n-propylbenzene	11.37	91	213438	18.255	ug/l	99
79) 2-Chlorotoluene	11.43	91	118774	17.584	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155306	18.837	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17174	17.482	ug/l	94
82) 4-Chlorotoluene	11.52	91	149018	18.477	ug/l	99
83) tert-Butylbenzene	11.78	119	151523	18.222	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	159366	18.436	ug/l	99
85) sec-Butylbenzene	11.95	105	190437	18.509	ug/l	99
86) p-Isopropyltoluene	12.07	119	171327	18.749	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	91966	18.620	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	96276	18.566	ug/l	98
89) n-Butylbenzene	12.40	91	162289	19.075	ug/l	98
90) Hexachloroethane	12.60	117	27089	18.834	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	95047	19.629	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17371	17.959	ug/l	98

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ClientSampleId :
VX0403WBS01

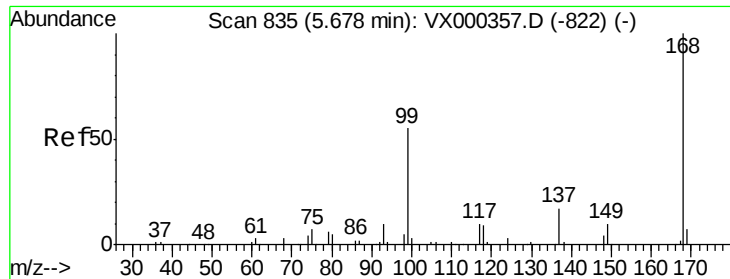
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66387	19.124	ug/l	99
94) Hexachlorobutadiene	13.79	225	26111	18.166	ug/l	98
95) Naphthalene	13.84	128	234640	19.404	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	66526	19.394	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tgt Ion: 168 Resp: 131896

Ion Ratio Lower Upper

168 100

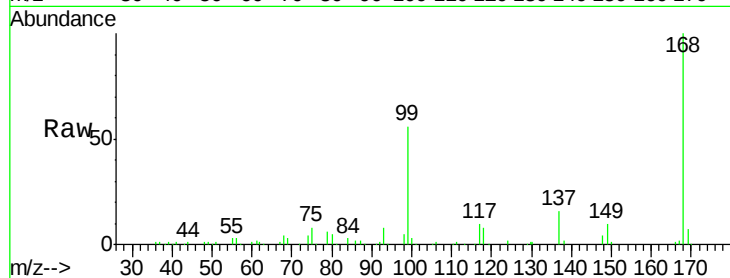
99 56.4 45.8 68.6

Manual Integrations

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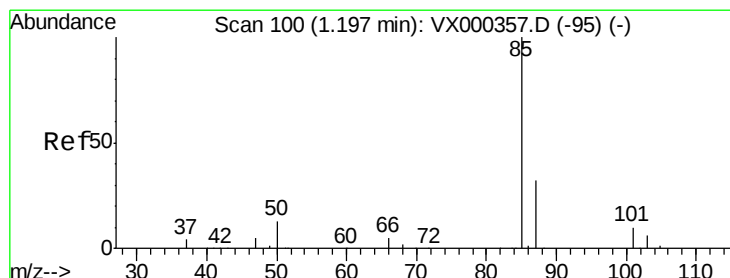
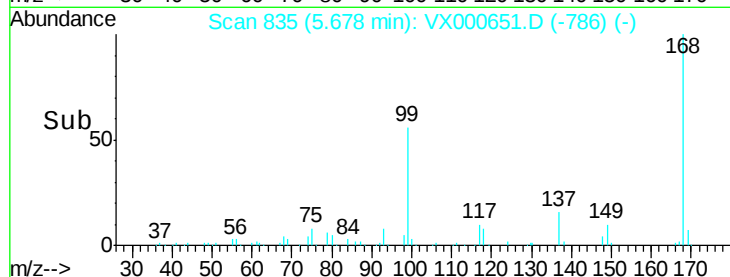
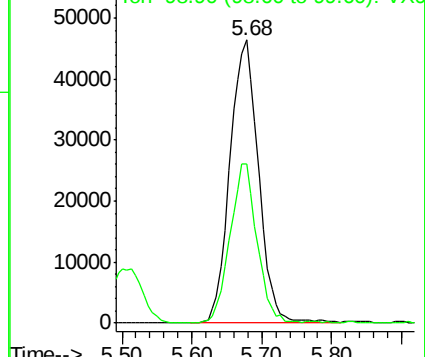
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.569 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000651.D

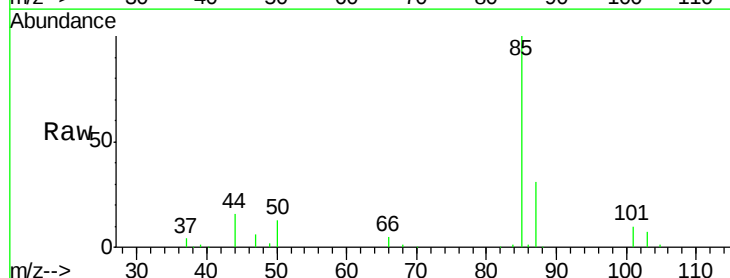
Acq: 03 Apr 2018 13:52

Tgt Ion: 85 Resp: 24085

Ion Ratio Lower Upper

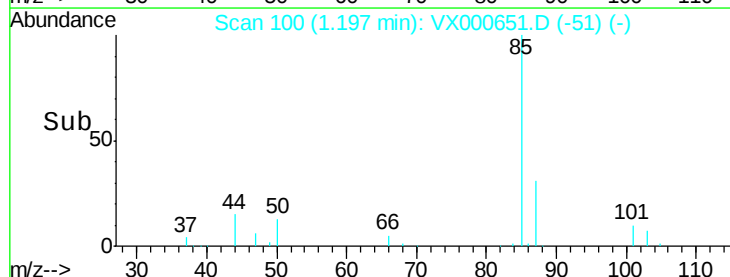
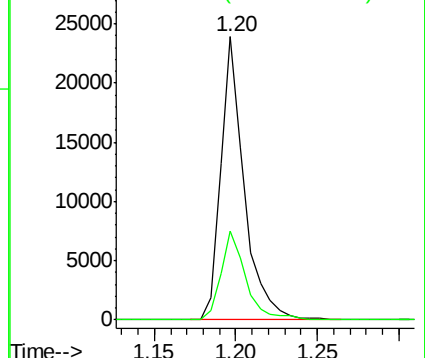
85 100

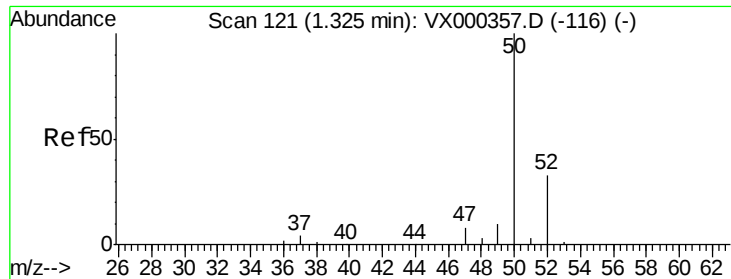
87 31.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.526 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tgt Ion: 50 Resp: 25308

Ion Ratio Lower Upper

50 100

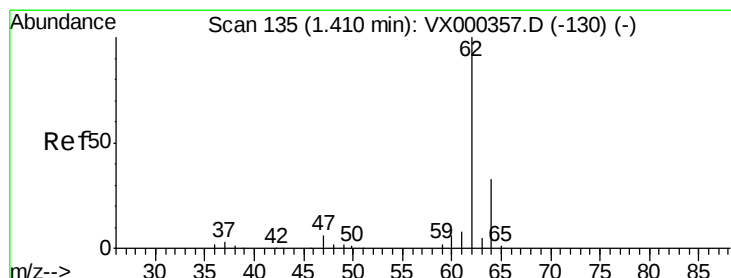
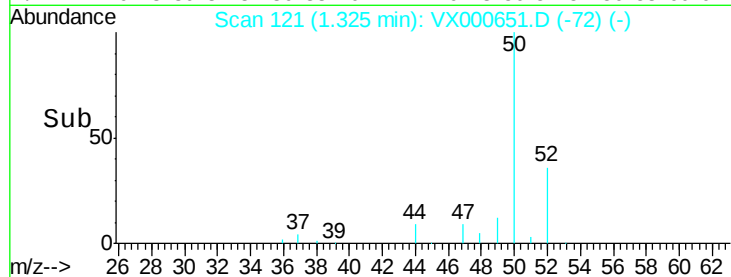
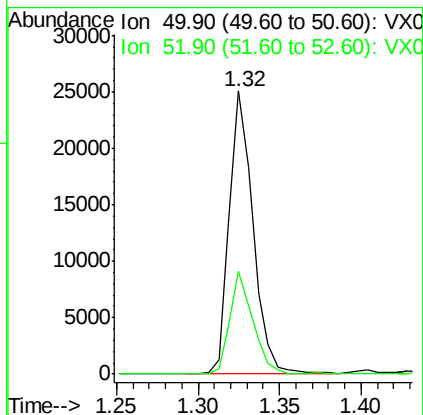
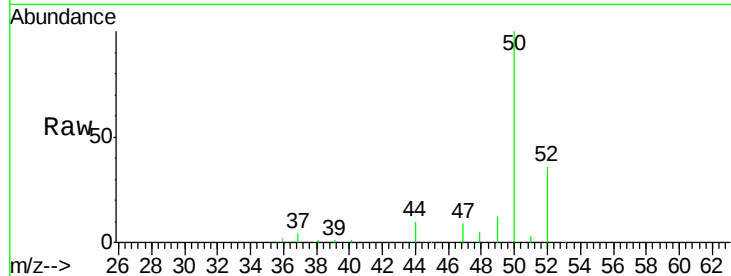
52 36.3 27.5 41.3

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#4

Vinyl Chloride

Concen: 19.443 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000651.D

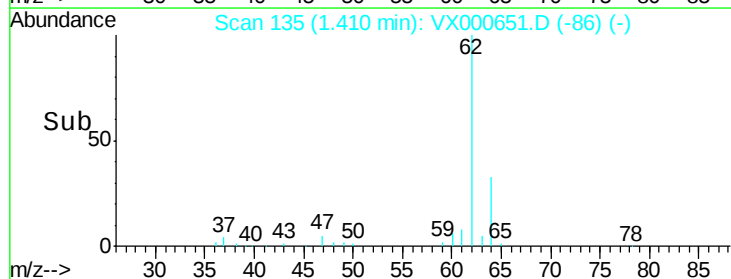
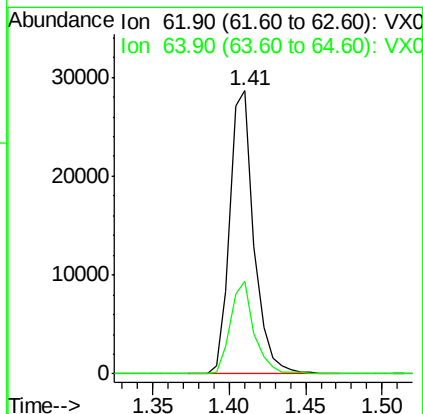
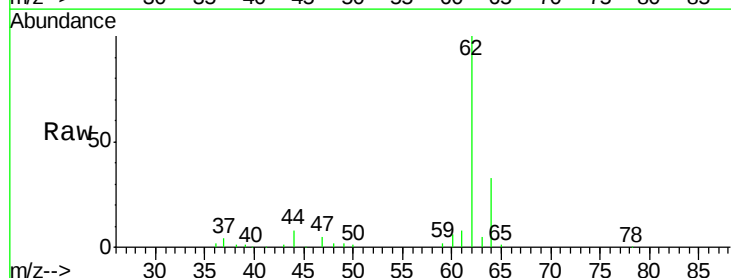
Acq: 03 Apr 2018 13:52

Tgt Ion: 62 Resp: 31461

Ion Ratio Lower Upper

62 100

64 32.7 24.8 37.2





#5

Bromomethane

Concen: 15.256 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

Tgt Ion: 94 Resp: 29492

Ion Ratio Lower Upper

94 100

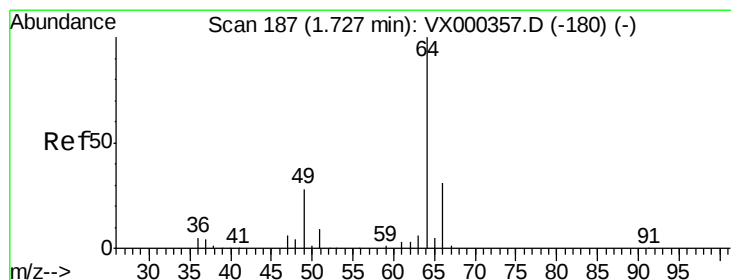
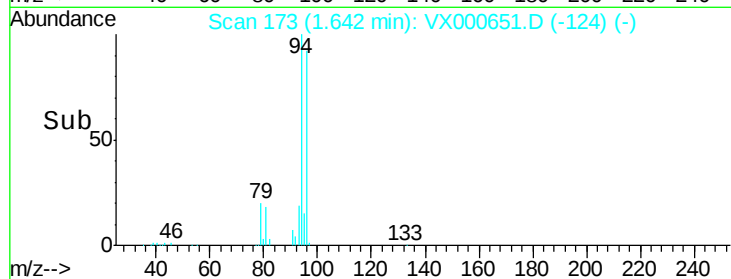
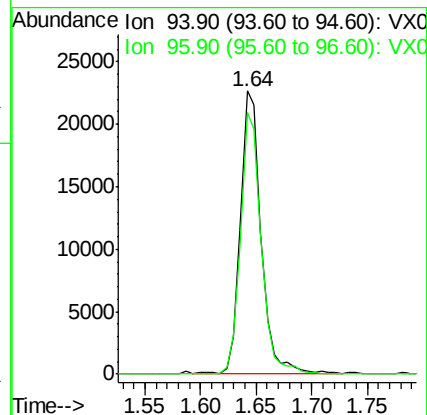
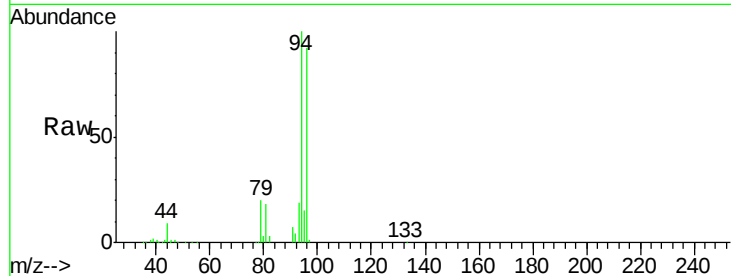
96 92.3 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 25.946 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000651.D

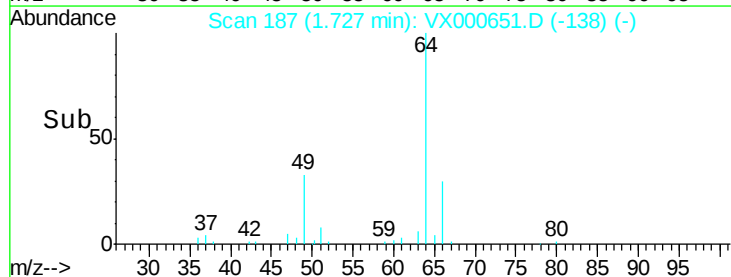
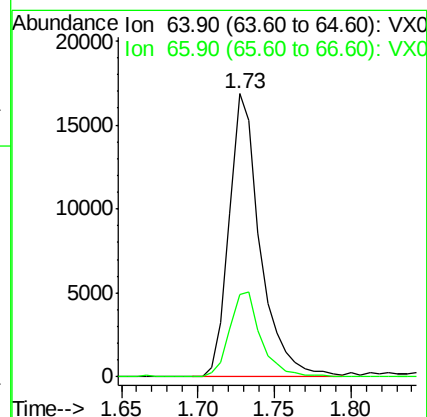
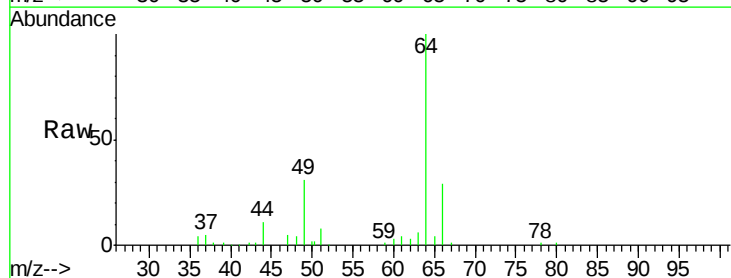
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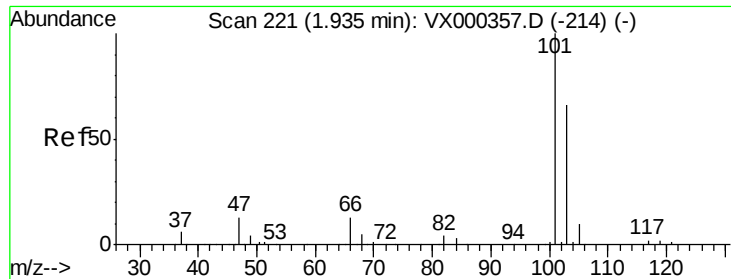
Tgt Ion: 64 Resp: 23779

Ion Ratio Lower Upper

64 100

66 28.9 24.8 37.2





#7

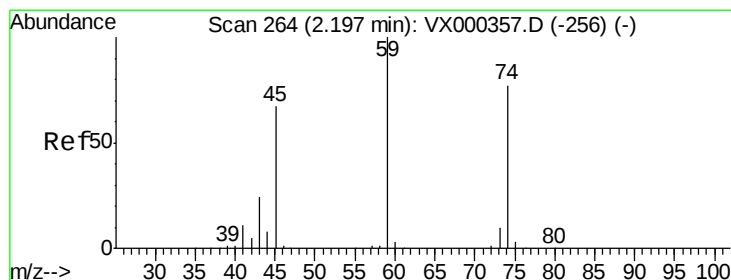
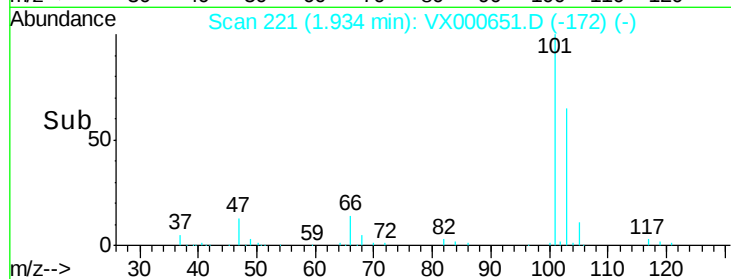
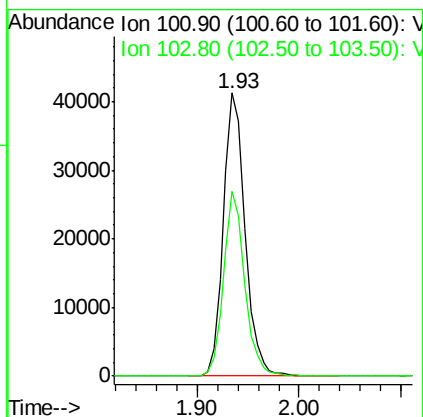
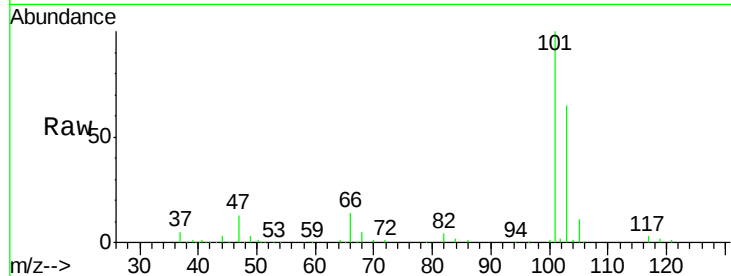
Trichlorofluoromethane
 Concen: 20.913 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
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 ClientSampleId :
 VX0403WBS01

Tgt Ion: 101 Resp: 61077
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.6 77.4

Manual Integrations
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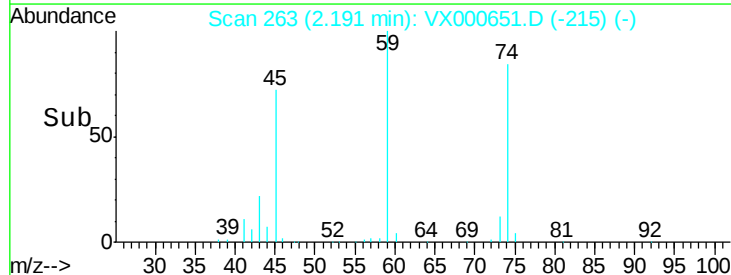
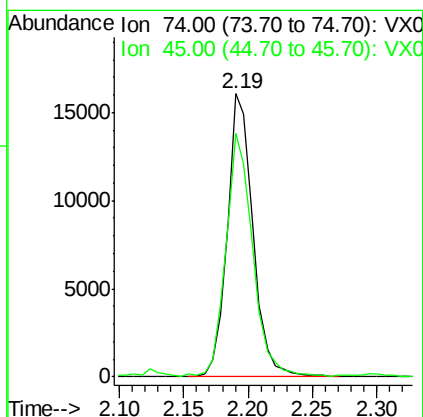
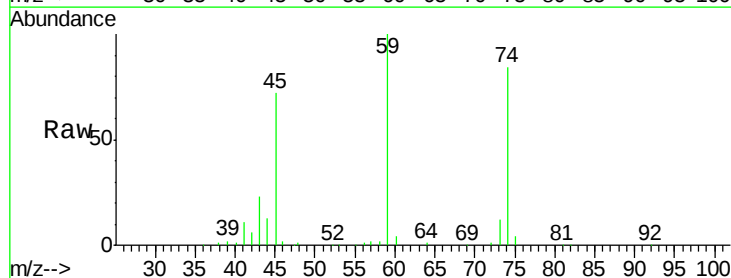
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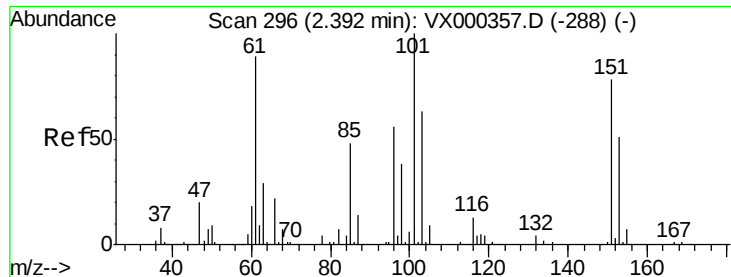


#8

Diethyl Ether
 Concen: 21.623 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion: 74 Resp: 22568
 Ion Ratio Lower Upper
 74 100
 45 90.2 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.695 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

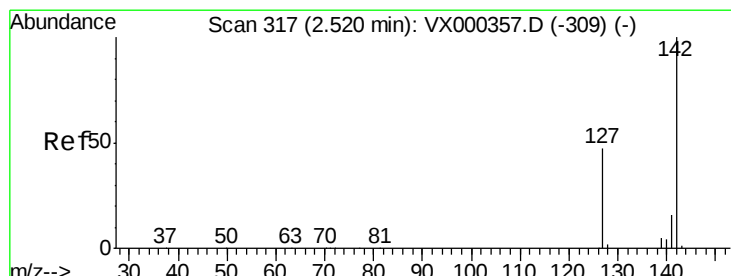
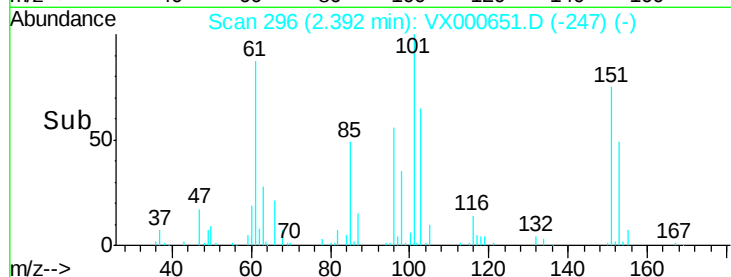
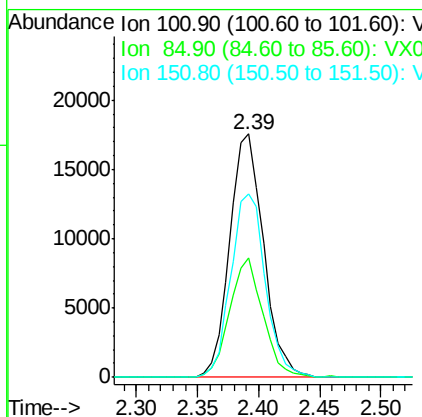
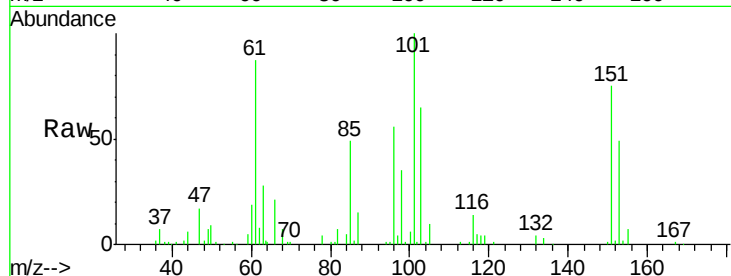
ClientSampled :

VX0403WBS01

Tgt Ion:	101	Resp:	33703
Ion Ratio	Lower	Upper	
101	100		
85	48.1	37.6	56.4
151	76.6	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 13.348 ug/l

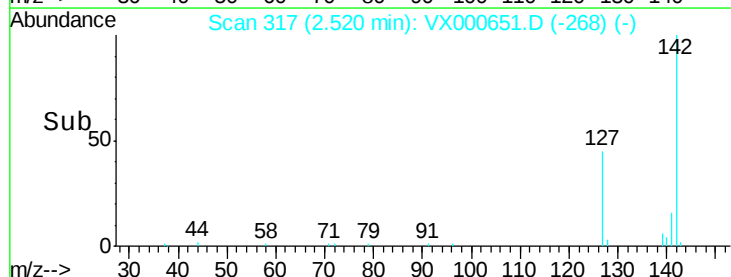
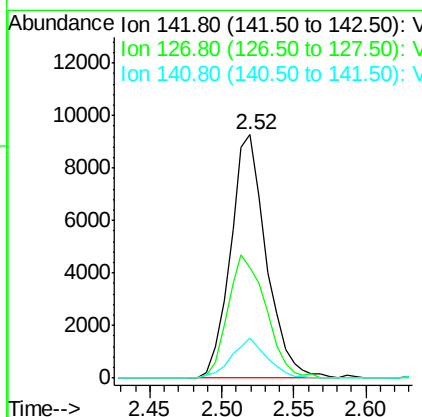
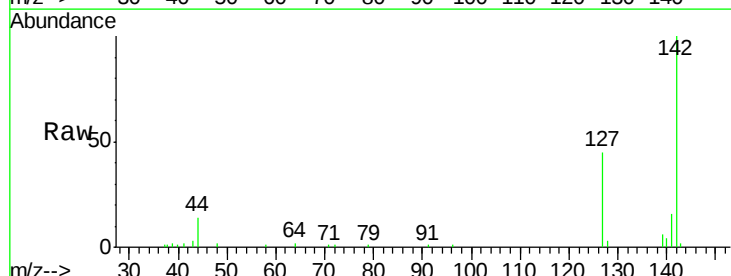
RT: 2.52 min Scan# 317

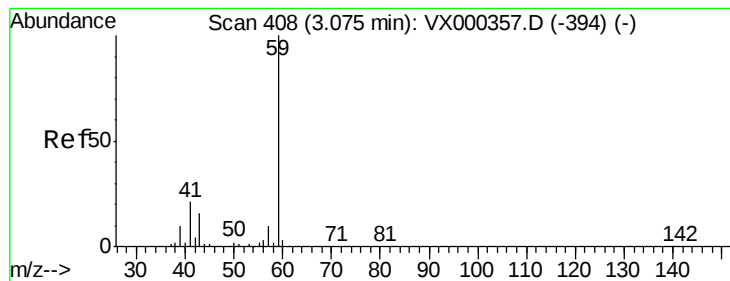
Delta R.T. 0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion:	142	Resp:	16008
Ion Ratio	Lower	Upper	
142	100		
127	53.9	39.2	58.8
141	16.1	11.7	17.5





#11

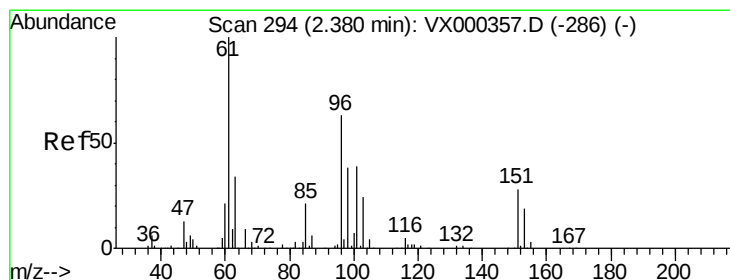
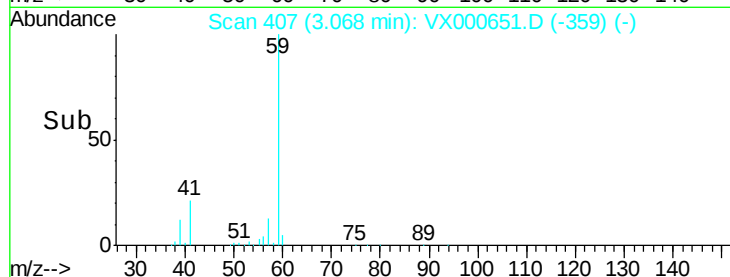
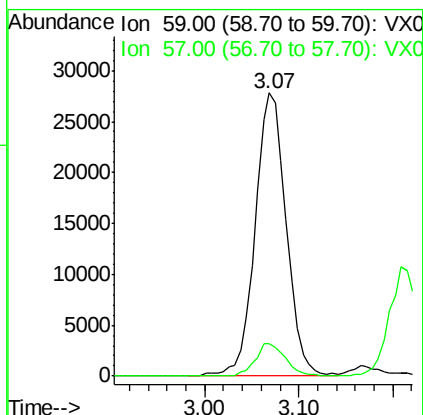
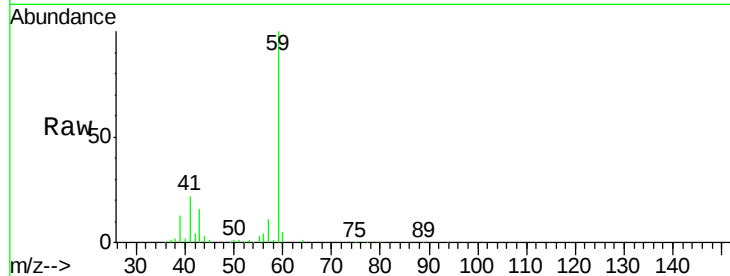
Tert butyl alcohol
 Concen: 108.443 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.4	12.6

Manual Integrations
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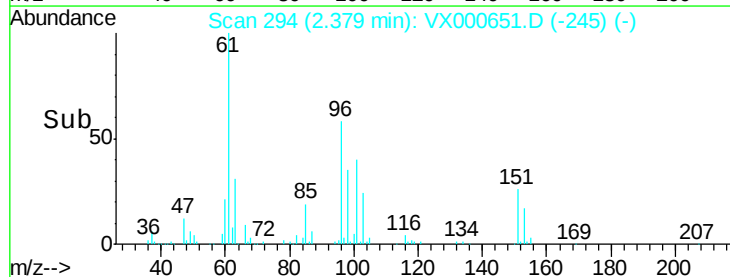
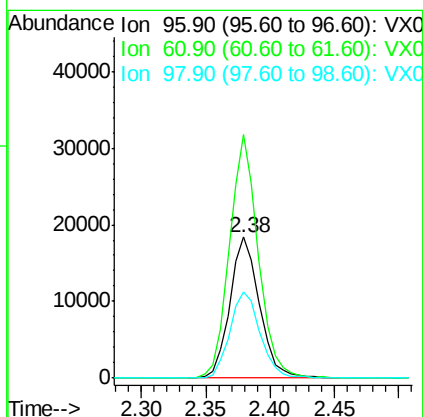
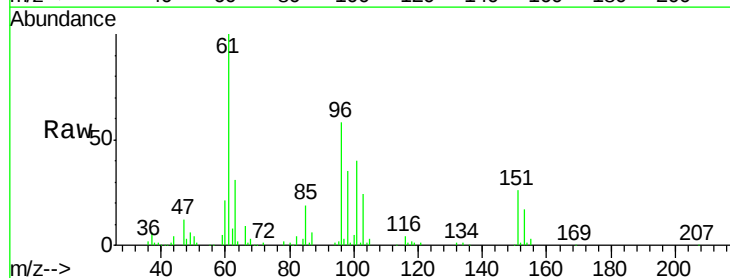
sam
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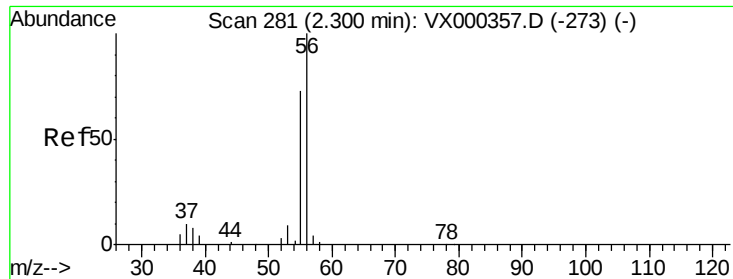


#12

1,1-Dichloroethene
 Concen: 20.698 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.7	131.2	196.8
98	60.9	49.8	74.8





#13

Acrolein

Concen: 147.386 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

Tgt Ion: 56 Resp: 26668

Ion Ratio Lower Upper

56 100

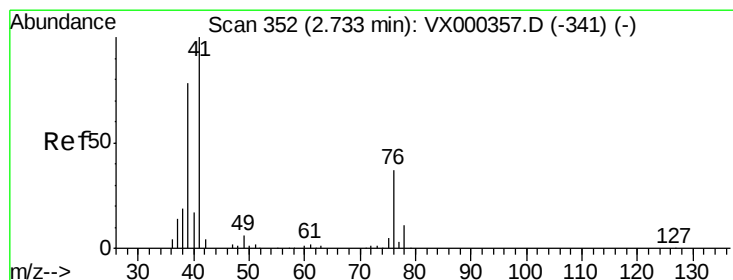
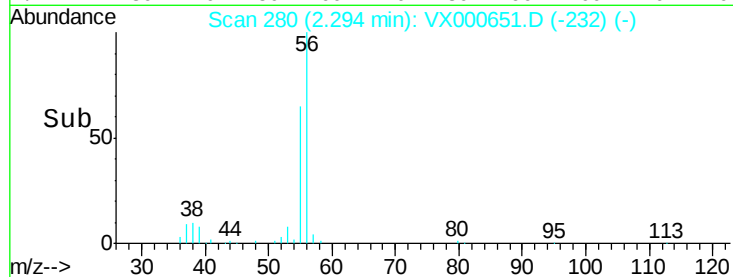
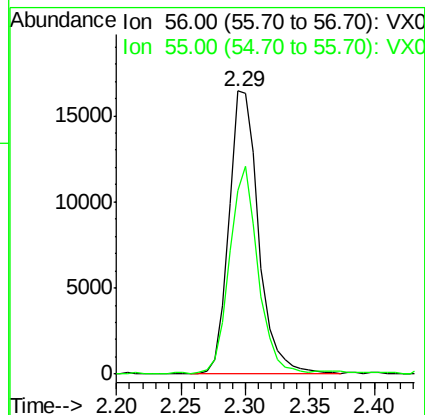
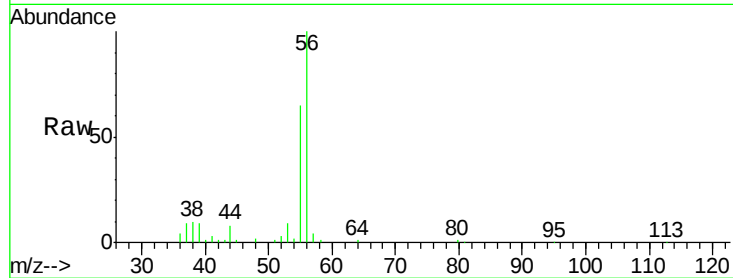
55 70.6 58.8 88.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.037 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

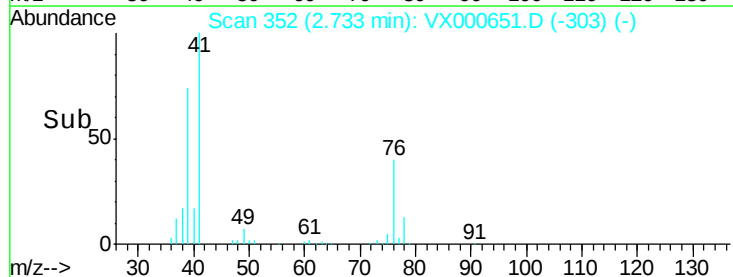
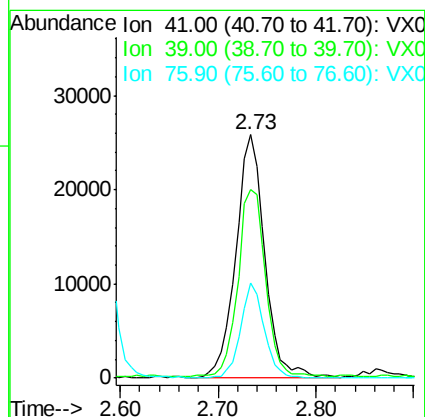
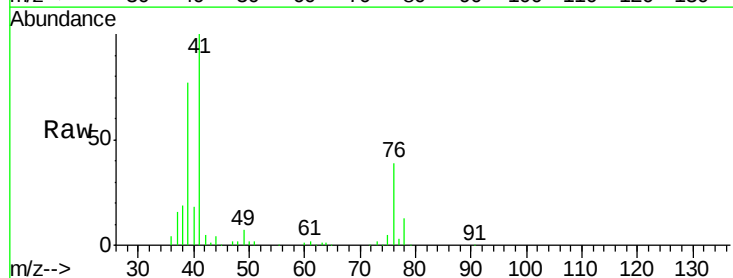
Tgt Ion: 41 Resp: 53267

Ion Ratio Lower Upper

41 100

39 73.7 57.6 86.4

76 31.9 27.3 40.9





#15

Acrylonitrile

Concen: 105.251 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

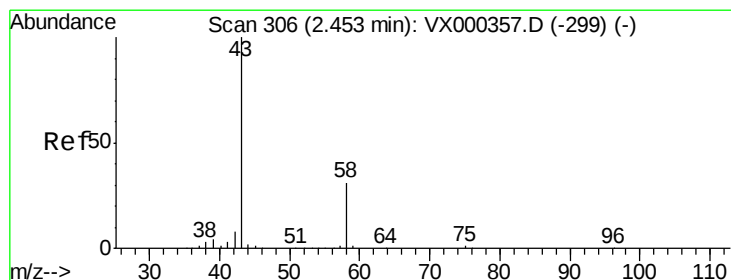
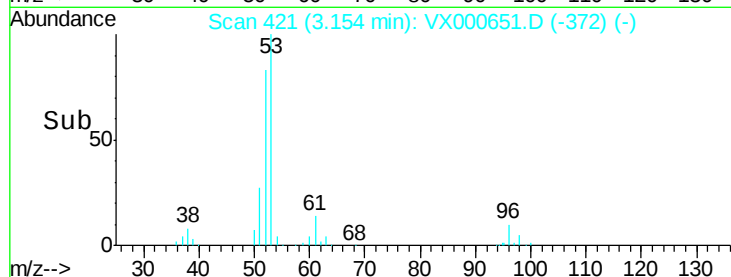
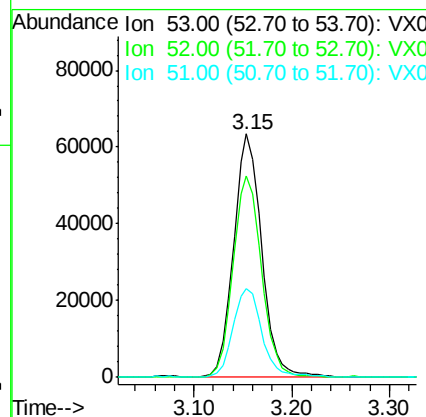
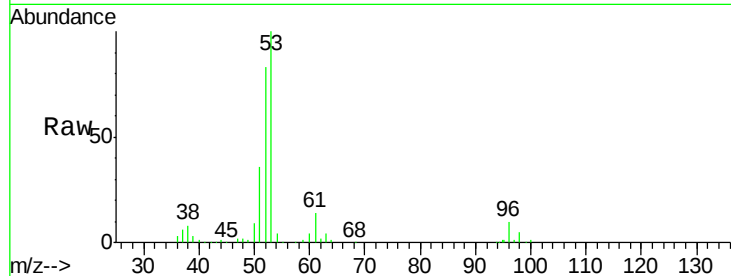
ClientSampled :

VX0403WBS01

Tgt Ion:	53	Resp:	126246
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.6	99.8
51	38.2	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 106.699 ug/l

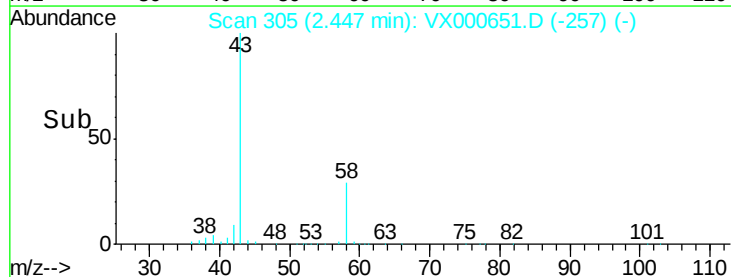
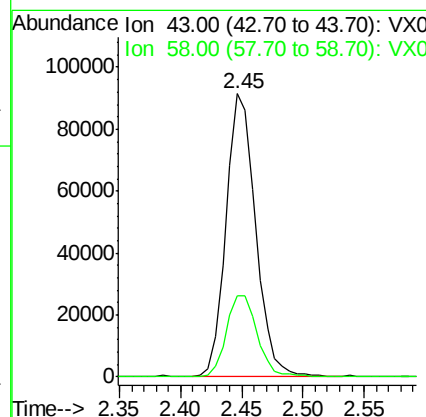
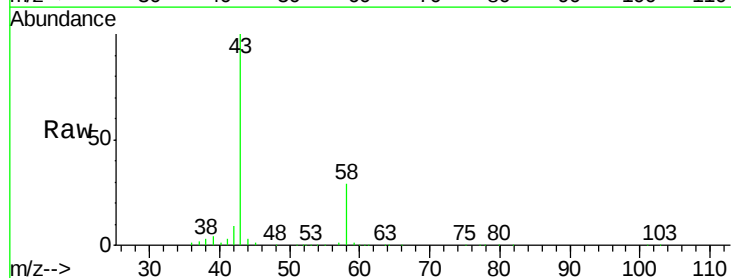
RT: 2.45 min Scan# 305

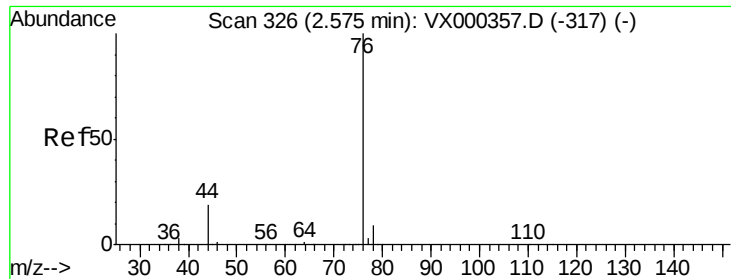
Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion:	43	Resp:	152820
Ion Ratio	Lower	Upper	
43	100		
58	28.6	24.7	37.1





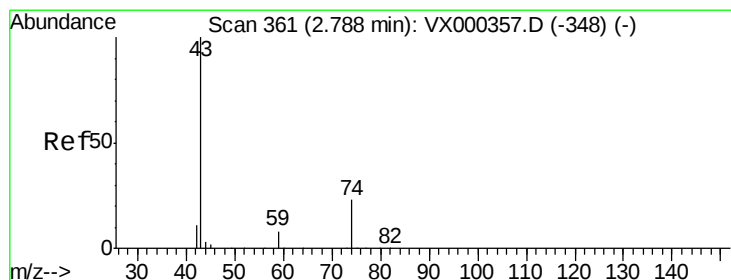
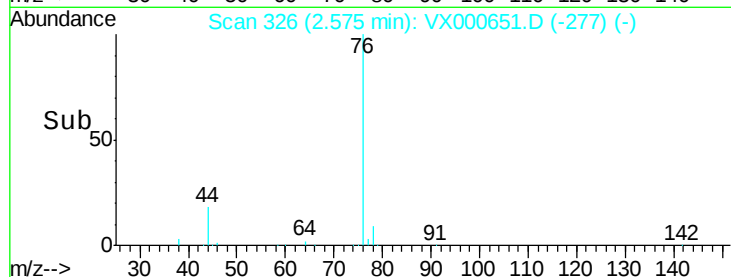
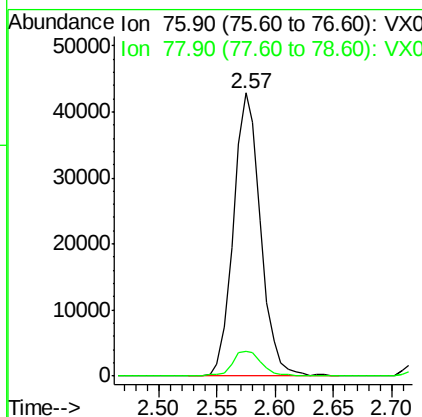
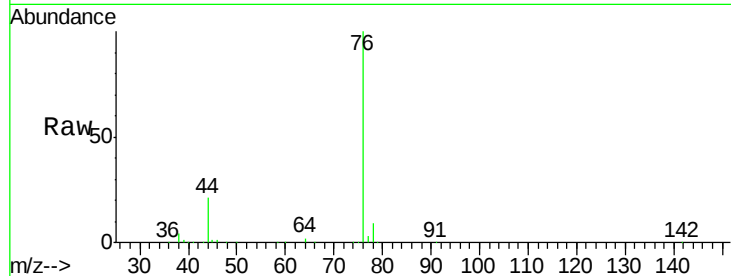
#17
Carbon Disulfide
Concen: 18.329 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion: 76 Resp: 69670
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

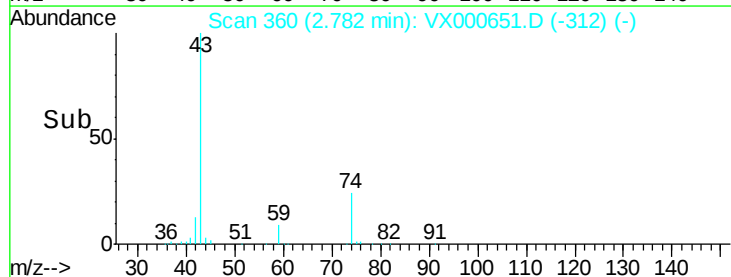
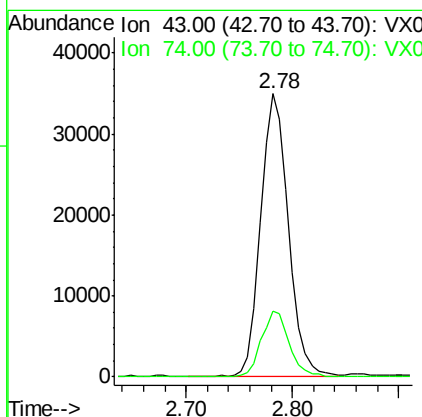
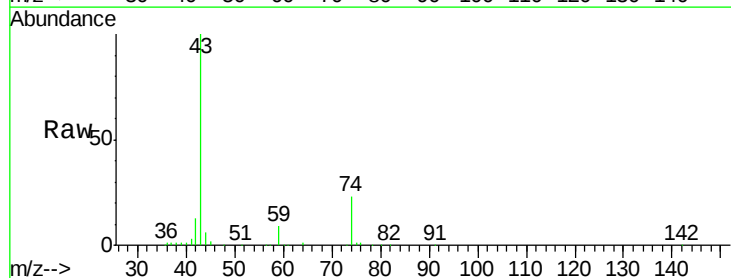
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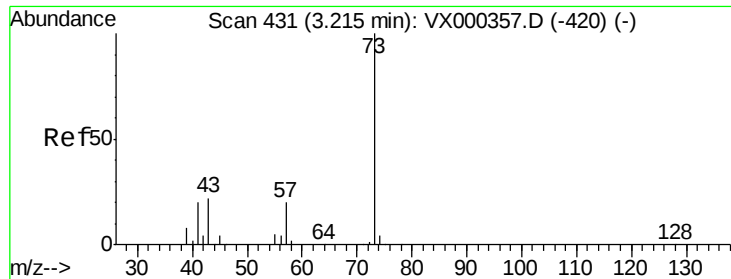
sam
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#18
Methyl Acetate
Concen: 21.393 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion: 43 Resp: 64237
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2





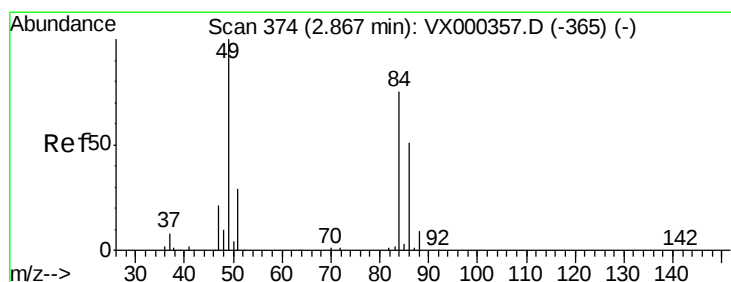
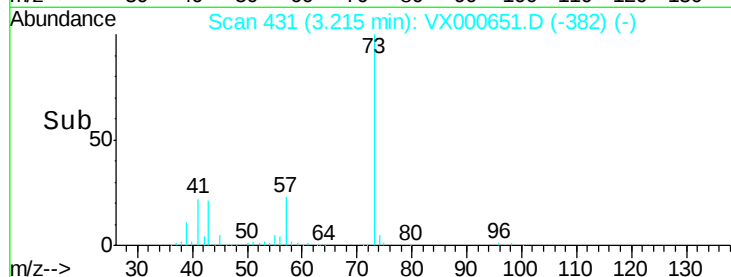
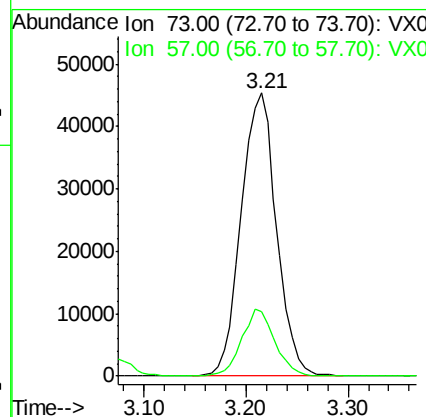
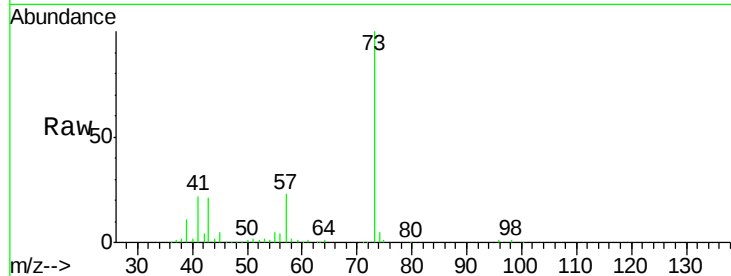
#19
Methyl tert-butyl Ether
Concen: 20.623 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VX0403WBS01

Tgt Ion: 73 Resp: 109043
Ion Ratio Lower Upper
73 100
57 22.8 17.2 25.8

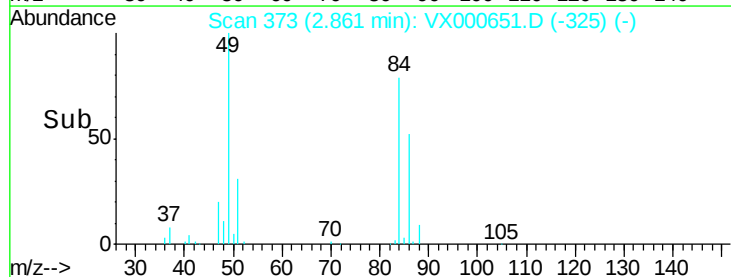
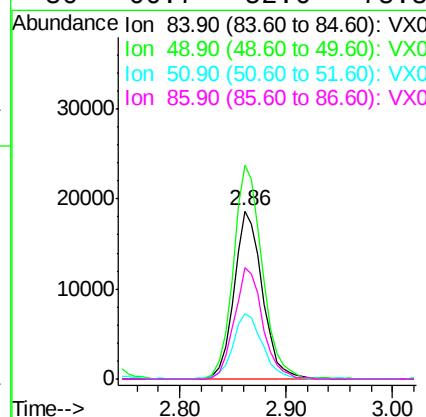
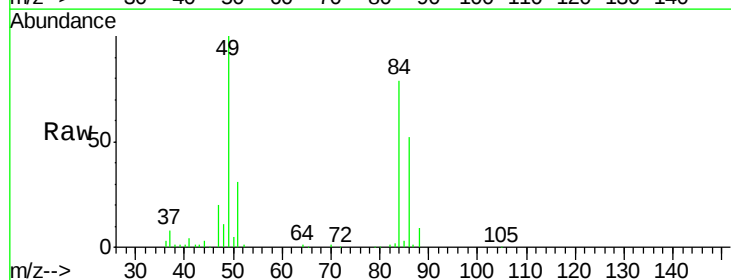
Manual Integrations
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#20
Methylene Chloride
Concen: 21.050 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion: 84 Resp: 34823
Ion Ratio Lower Upper
84 100
49 127.3 100.6 151.0
51 38.9 31.6 47.4
86 66.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.320 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

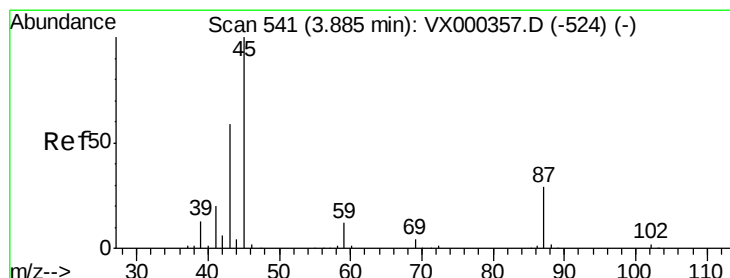
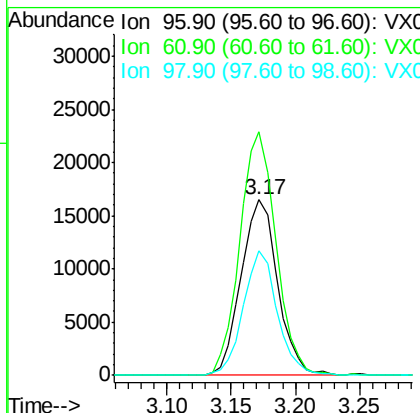
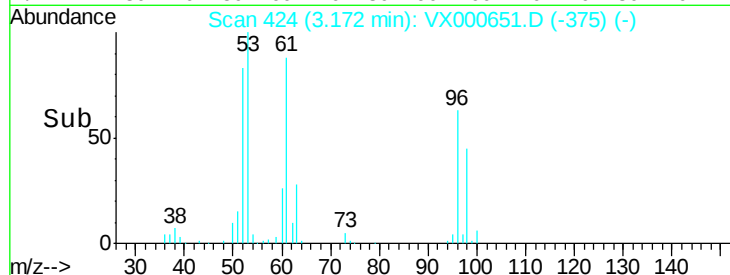
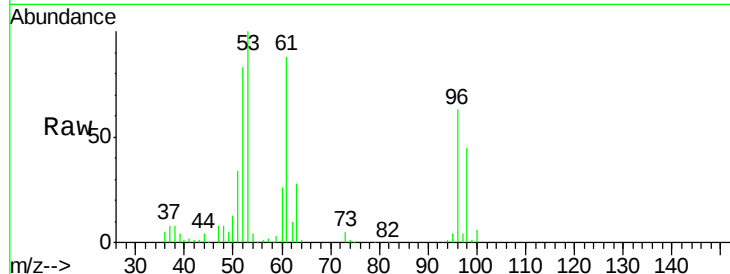
ClientSampled :

VX0403WBS01

Tgt Ion:	96	Resp:	32405
Ion	Ratio	Lower	Upper
96	100		
61	139.0	104.0	156.0
98	71.5	52.1	78.1

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#22

Diisopropyl ether

Concen: 17.288 ug/l

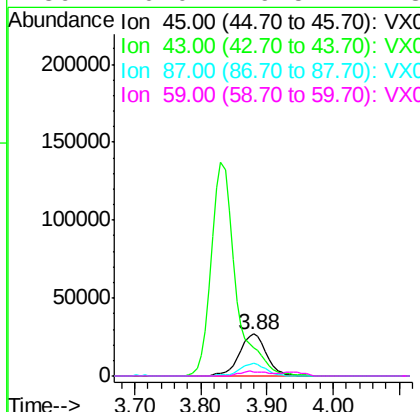
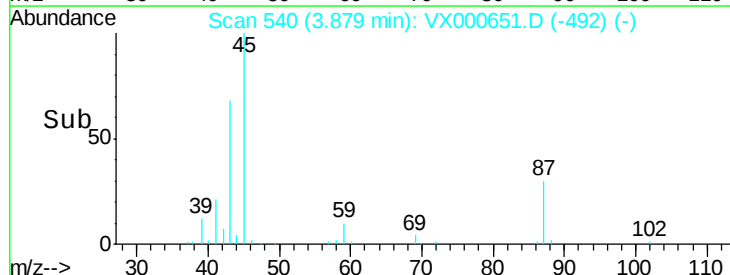
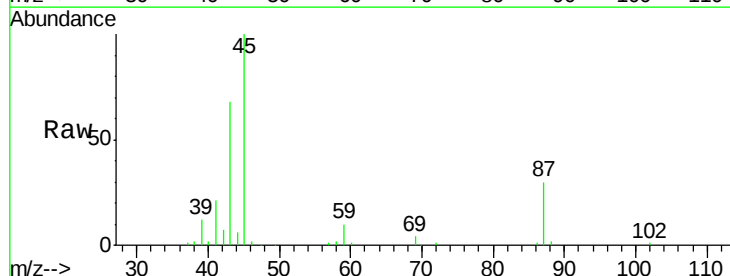
RT: 3.88 min Scan# 540

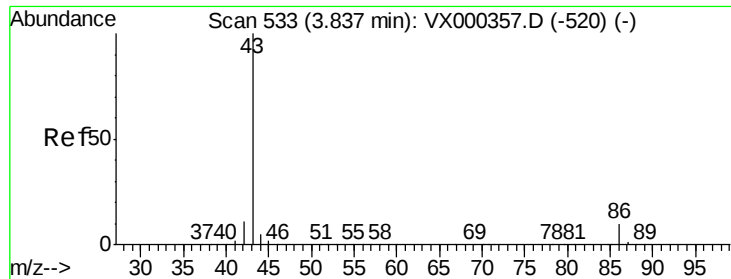
Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion:	45	Resp:	77263
Ion	Ratio	Lower	Upper
45	100		
43	67.3	53.9	80.9
87	30.4	22.6	34.0
59	10.0	9.5	14.3





#23

Vinyl Acetate

Concen: 83.805 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tgt Ion: 43 Resp: 355058

Ion Ratio Lower Upper

43 100

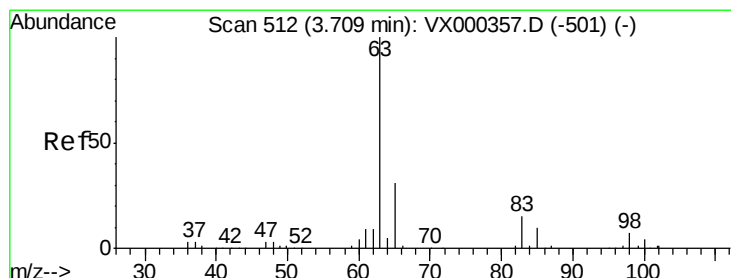
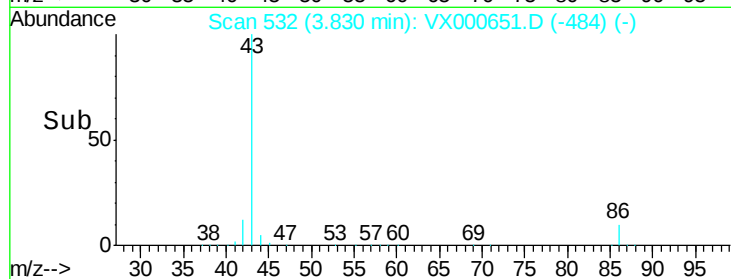
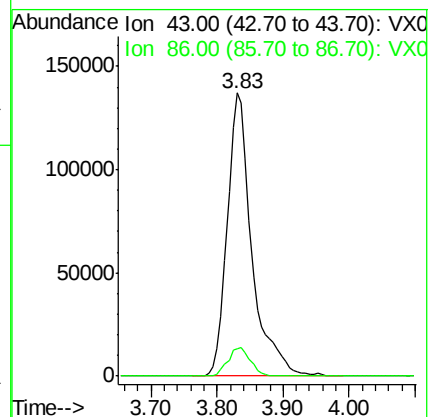
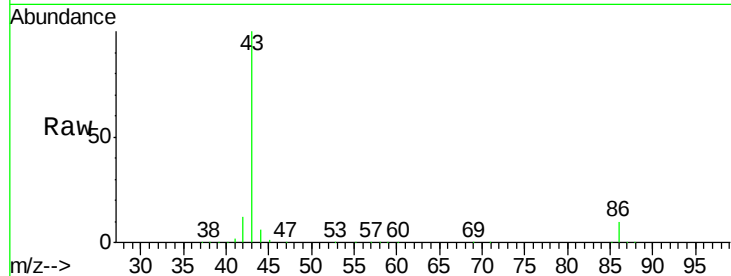
86 9.8 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.386 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

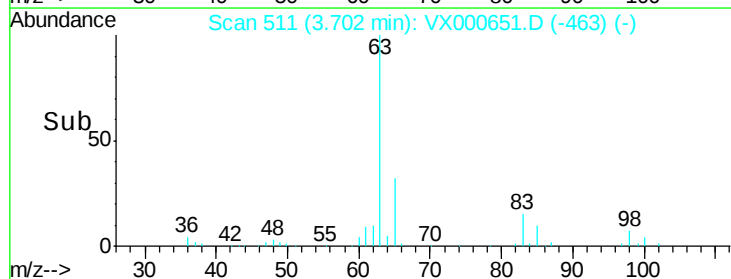
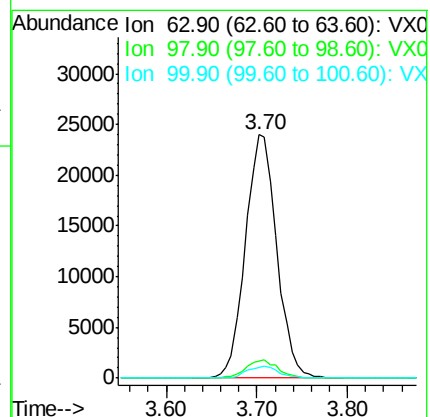
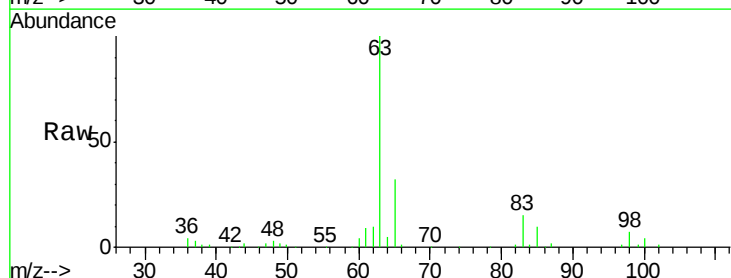
Tgt Ion: 63 Resp: 57282

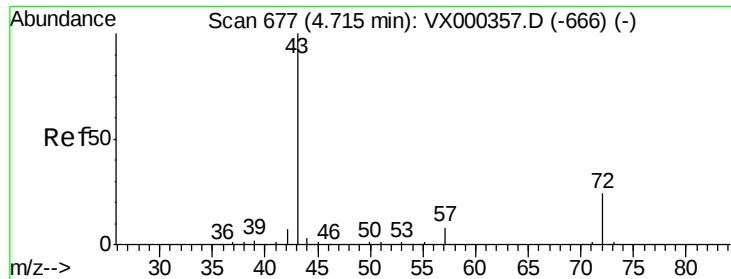
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 96.414 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tgt Ion: 43 Resp: 155213

Ion Ratio Lower Upper

43 100

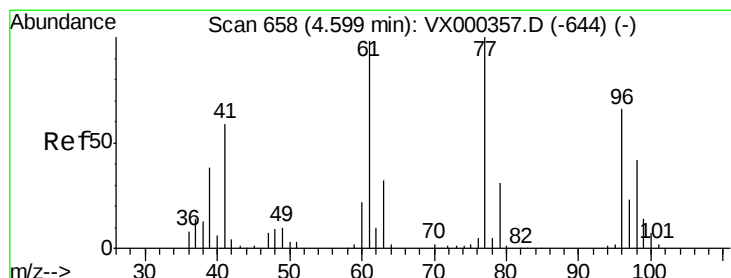
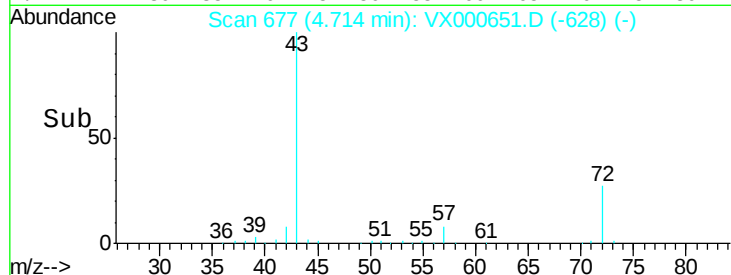
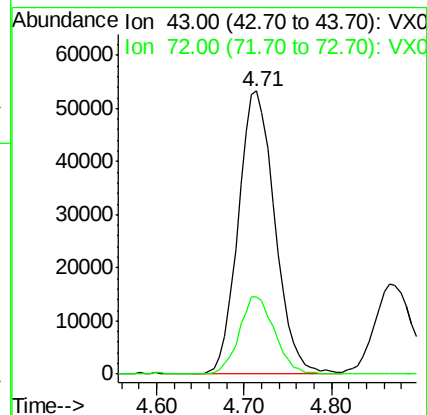
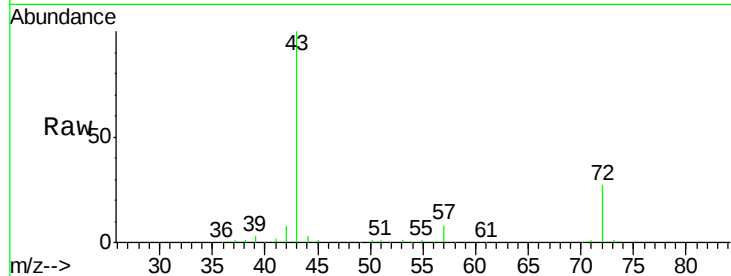
72 27.3 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.819 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000651.D

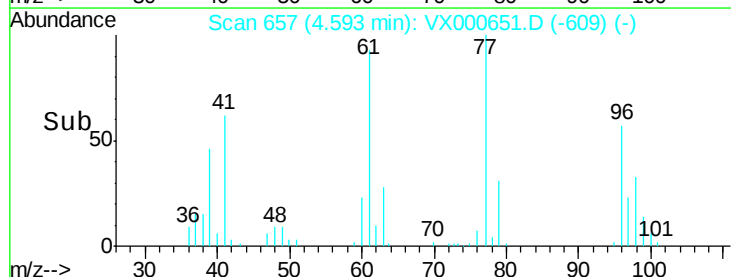
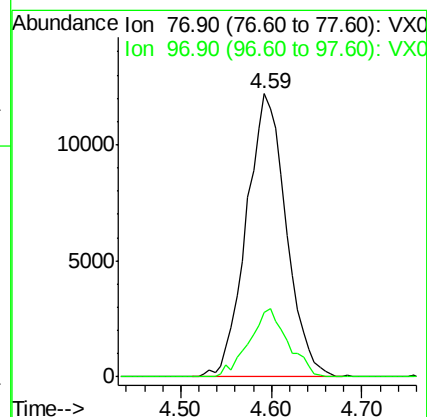
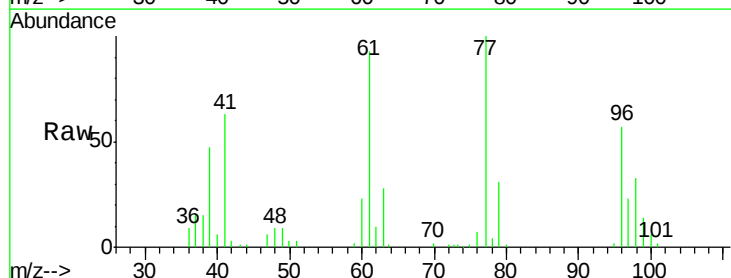
Acq: 03 Apr 2018 13:52

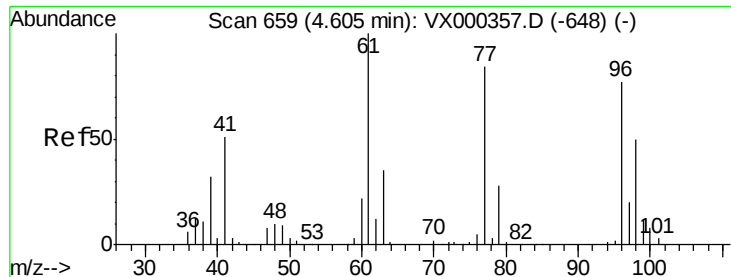
Tgt Ion: 77 Resp: 37062

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





#27

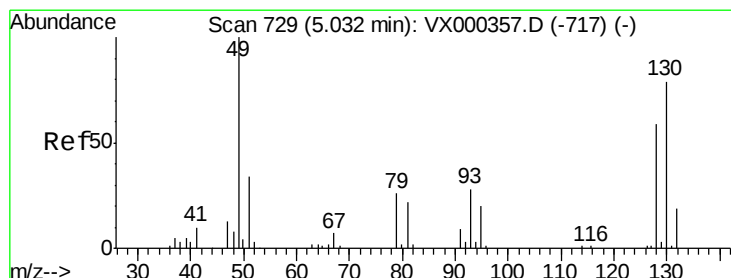
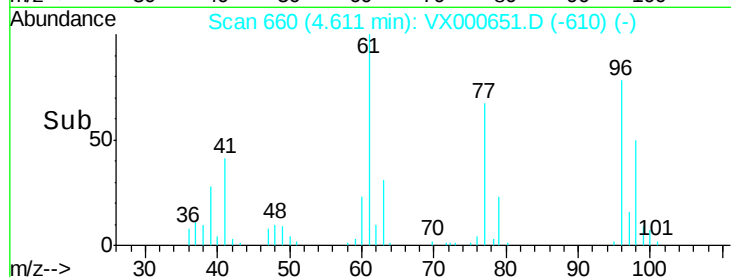
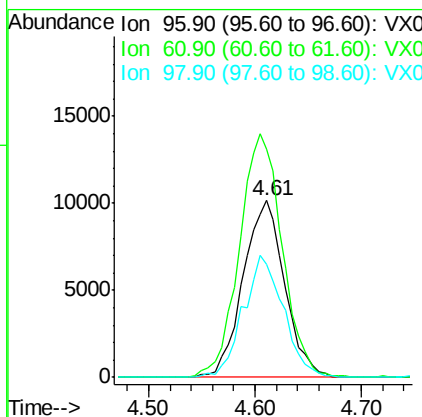
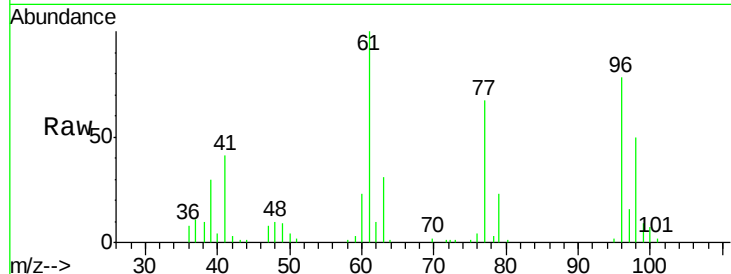
cis-1,2-Dichloroethene
Concen: 18.624 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	27759		
61	141.6	0.0	291.6	
98	66.6	0.0	132.0	

Manual Integrations
APPROVED

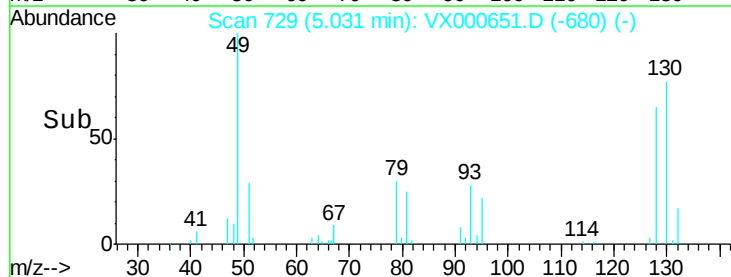
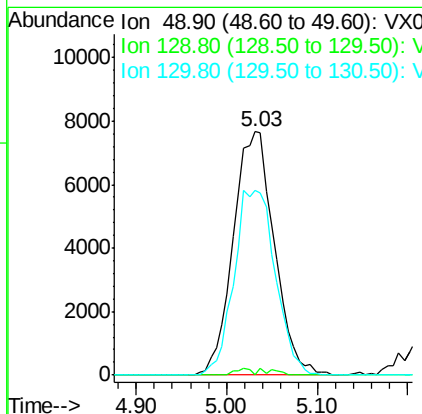
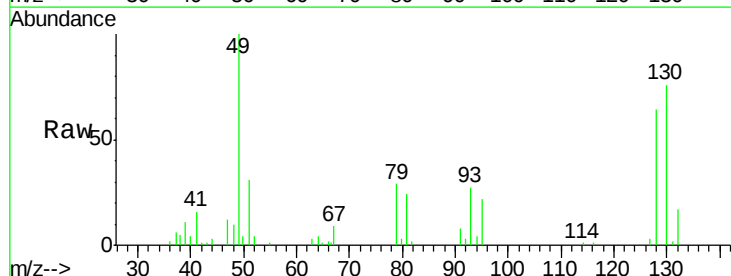
sam
4/4/2018 5:42:49 PM

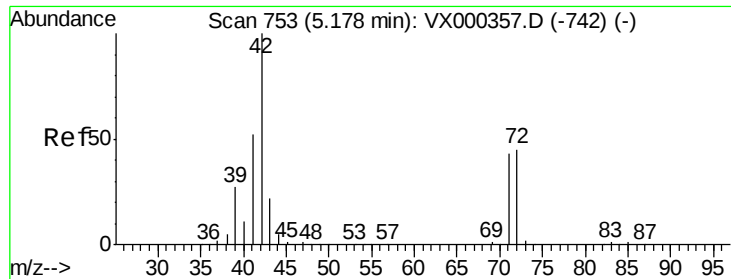


#28

Bromochloromethane
Concen: 20.781 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	24078		
129	1.0	0.0	5.0	
130	76.2	64.0	96.0	





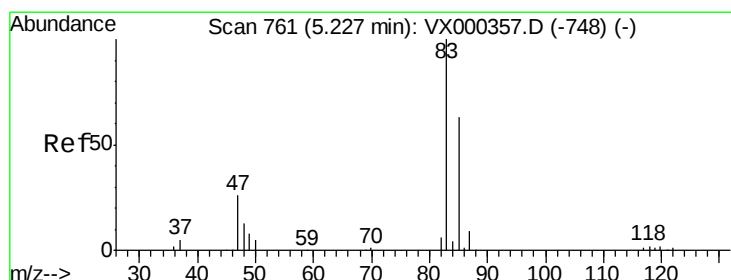
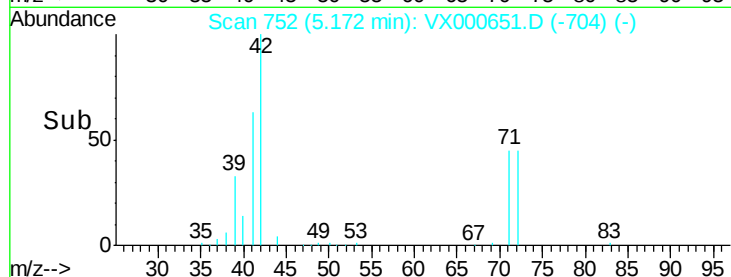
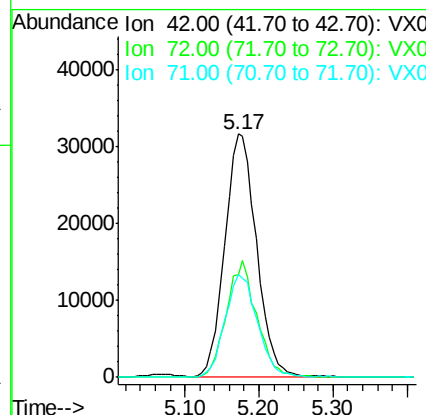
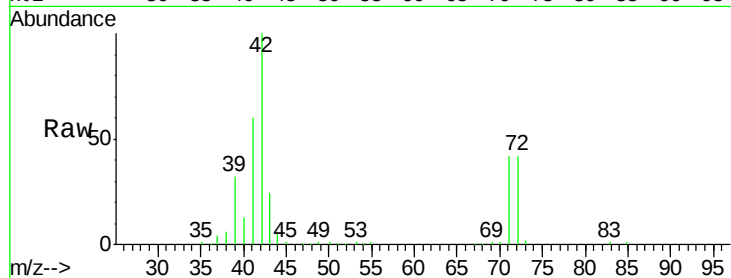
#29
Tetrahydrofuran
Concen: 95.315 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VX0403WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.9	56.9
71	43.0	34.4	51.6

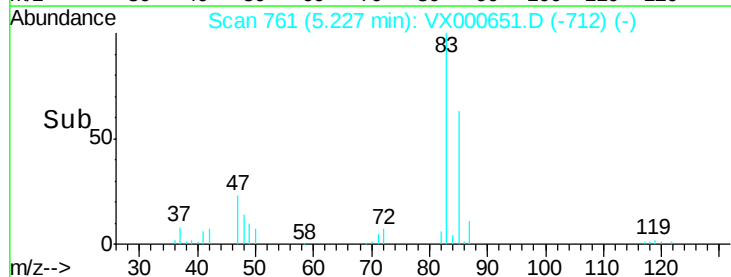
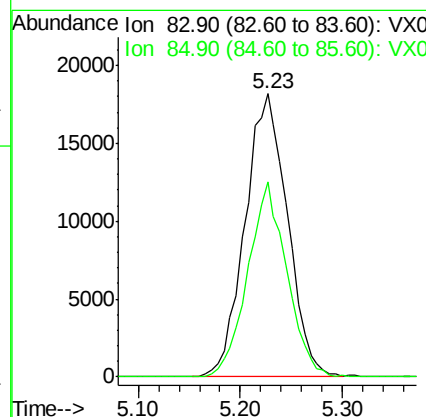
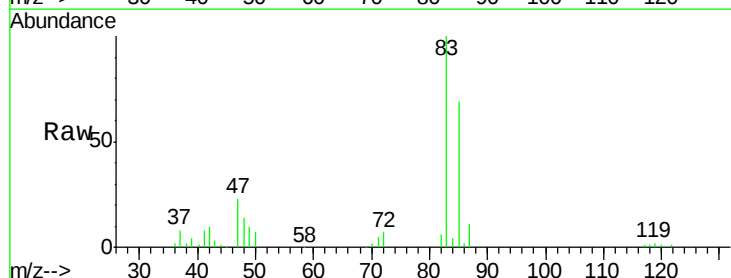
Manual Integrations
APPROVED

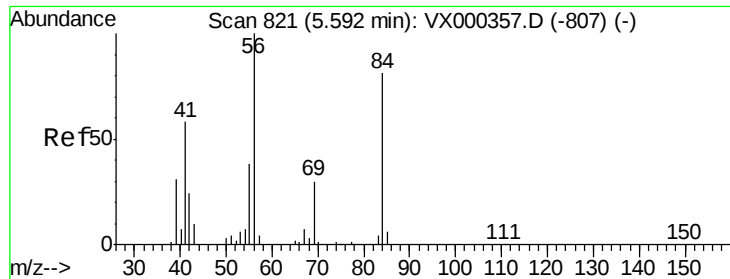
sam
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#30
Chloroform
Concen: 19.888 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.8	53.3	79.9





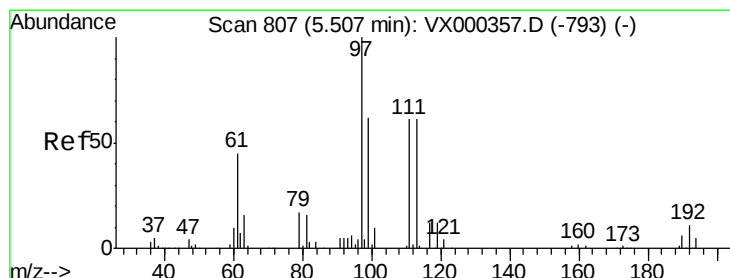
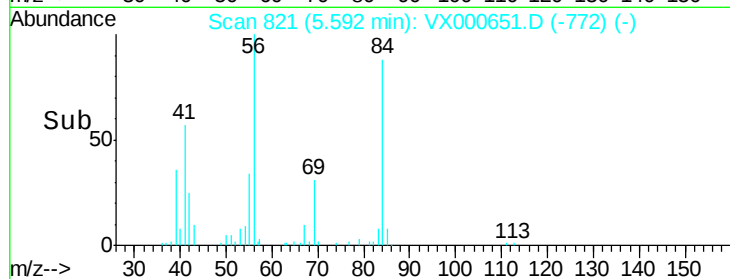
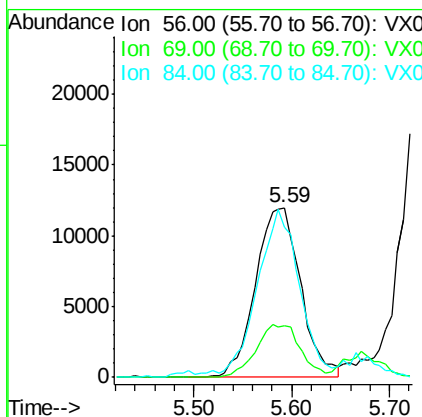
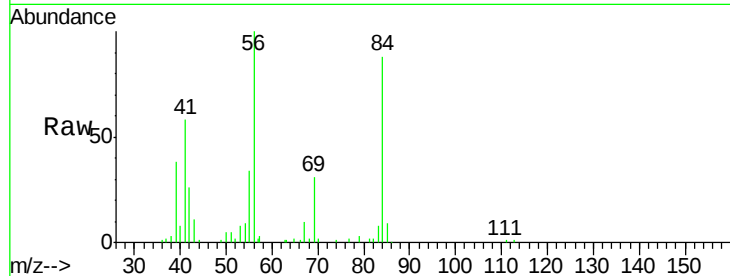
#31
Cyclohexane
Concen: 17.701 ug/l
RT: 5.59 min Scan# 821
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.4	35.0
84	84.3	71.0	106.4

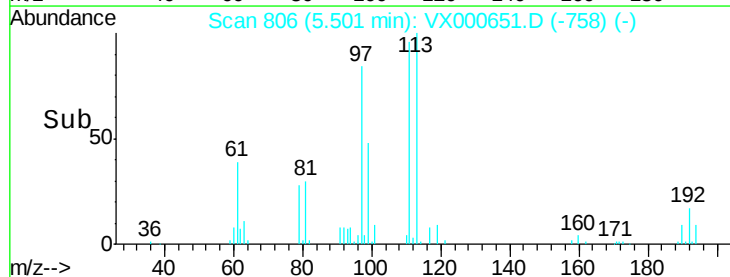
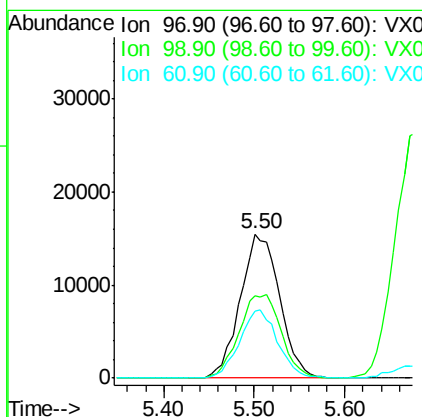
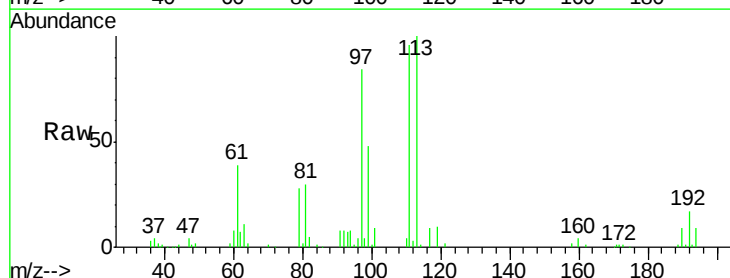
Manual Integrations
APPROVED

sam
4/4/2018 5:42:49 PM



#32
1,1,1-Trichloroethane
Concen: 19.535 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.0	52.1	78.1
61	46.2	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 45.007 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion: 65 Resp: 77488

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.2

Instrument :

MSVOA_X

ClientSampleId :

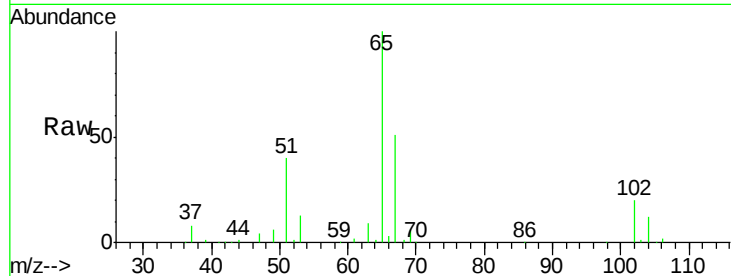
VX0403WBS01

Manual Integrations

APPROVED

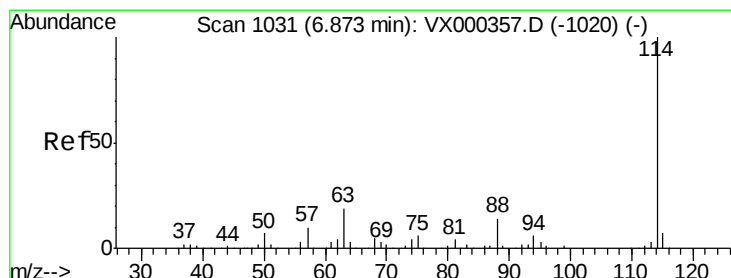
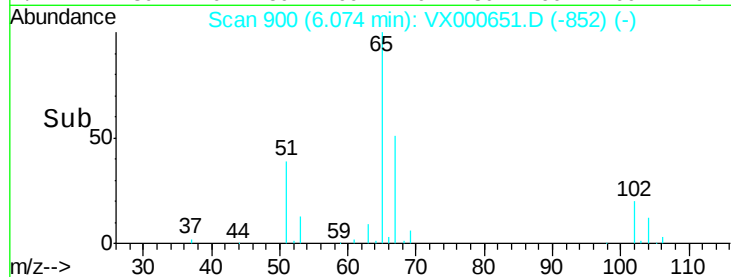
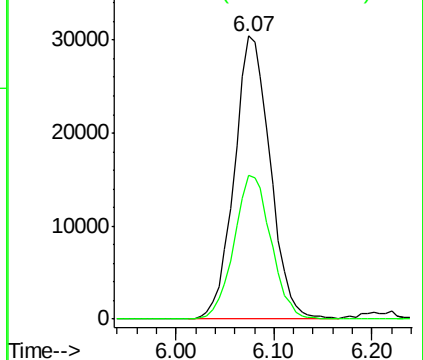
sam

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

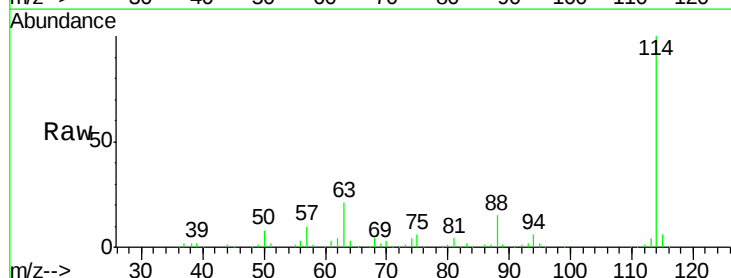
Tgt Ion: 114 Resp: 216356

Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.4

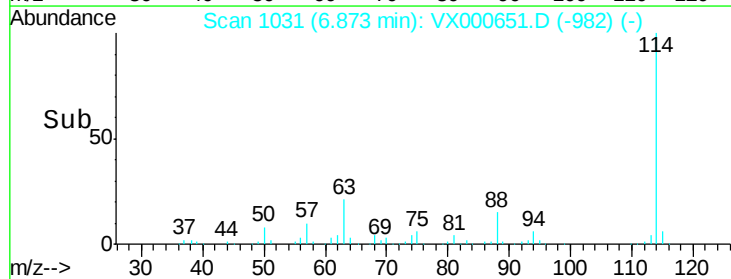
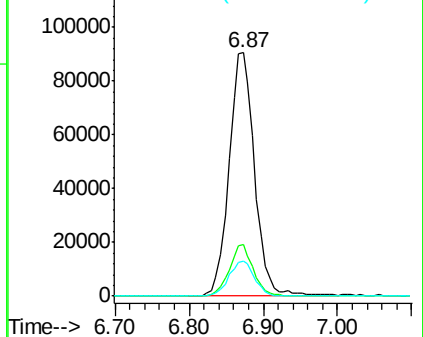
88 14.5 0.0 27.0

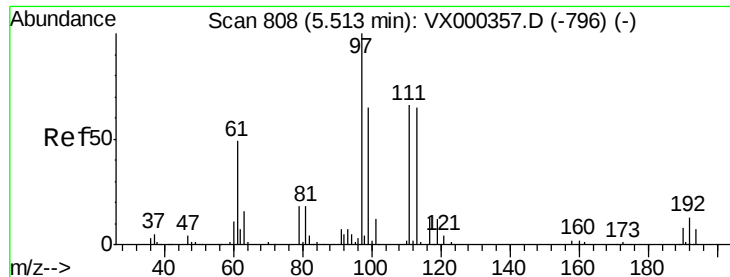


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





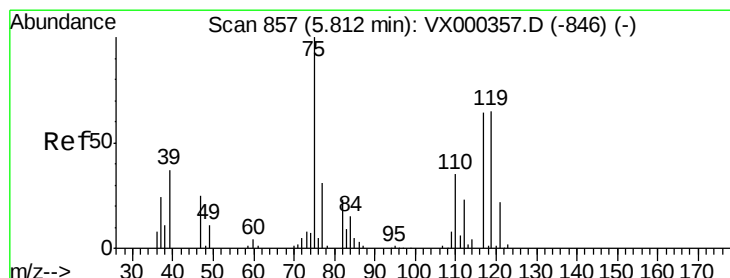
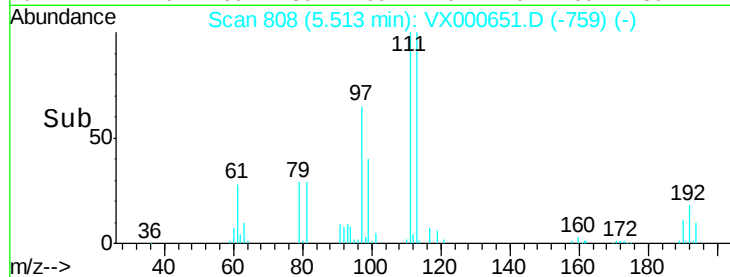
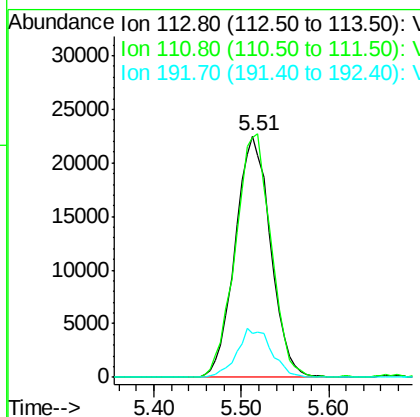
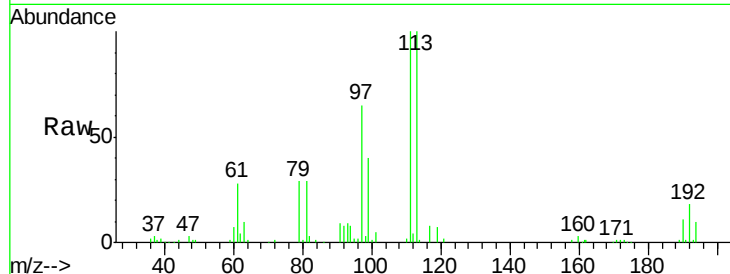
#35
 Dibromofluoromethane
 Concen: 46.473 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	63354		
111	101.6	82.4	123.6	
192	19.5	15.8	23.6	

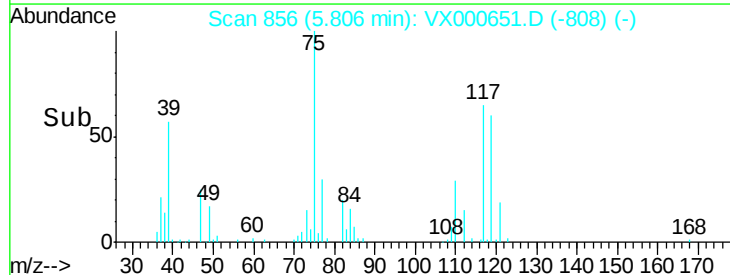
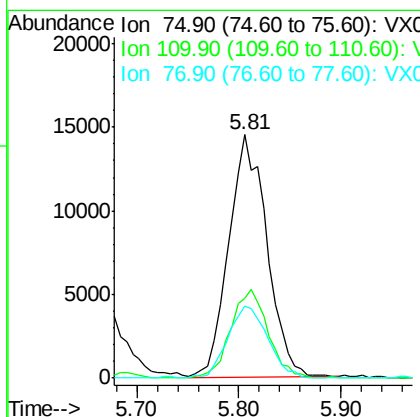
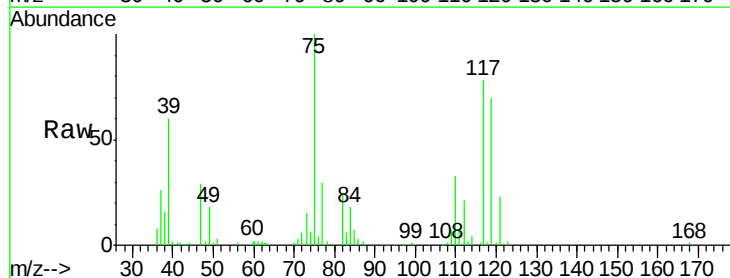
Manual Integrations
 APPROVED

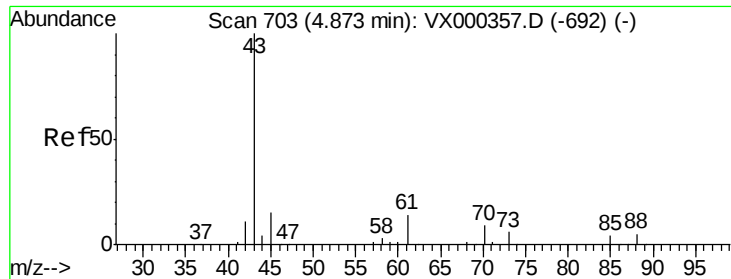
sam
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#36
 1,1-Dichloropropene
 Concen: 18.551 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37596		
110	35.4	17.9	53.7	
77	31.6	24.0	36.0	





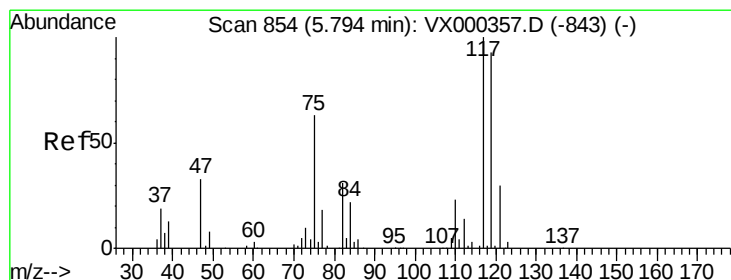
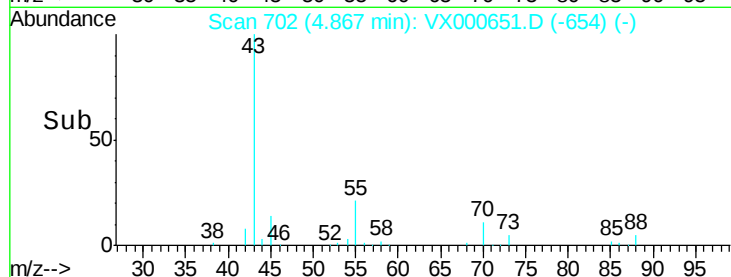
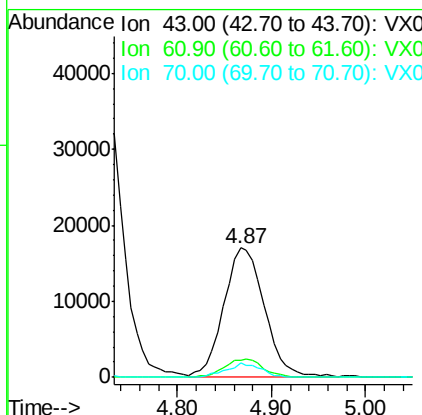
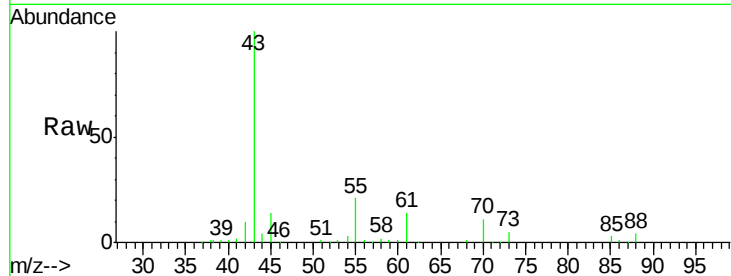
#37
Ethyl Acetate
Concen: 18.298 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VX0403WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	9.2	7.7	11.5

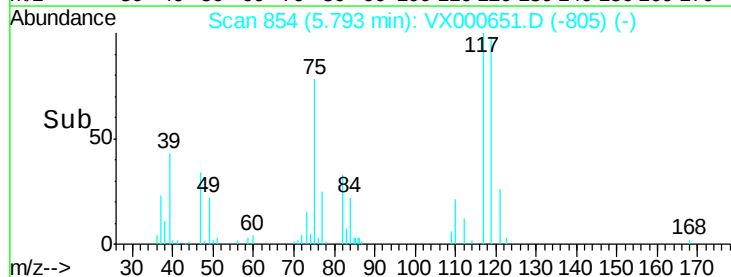
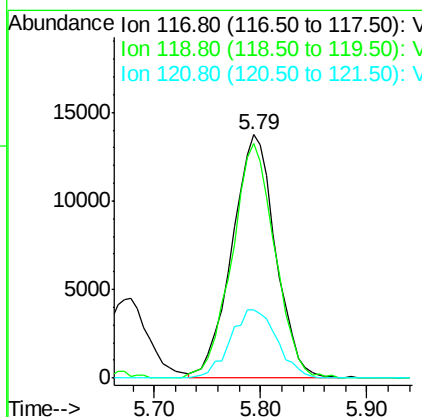
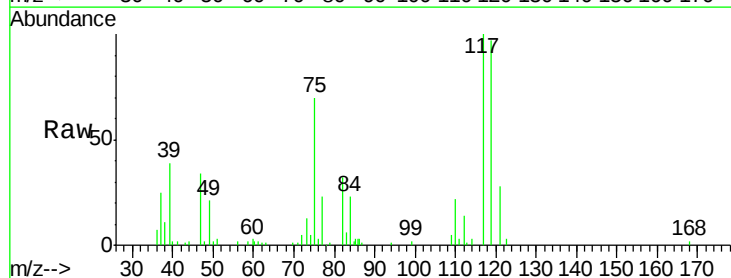
Manual Integrations
APPROVED

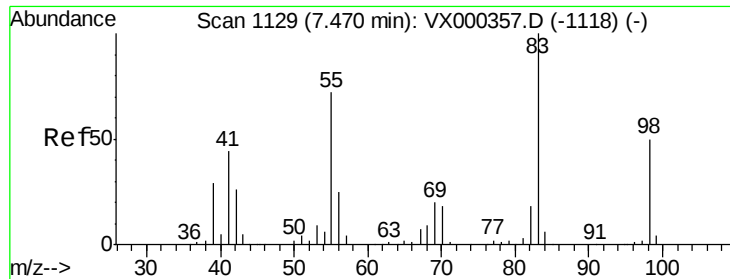
sam
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#38
Carbon Tetrachloride
Concen: 18.479 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.2
121	28.0	24.8	37.2





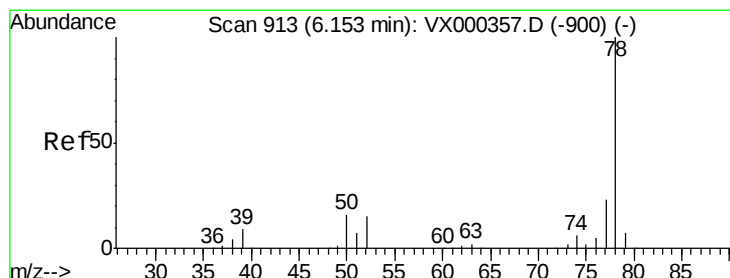
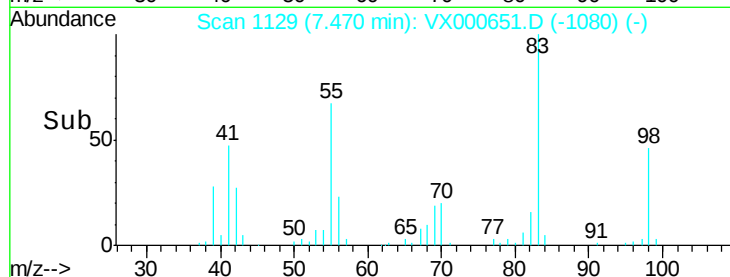
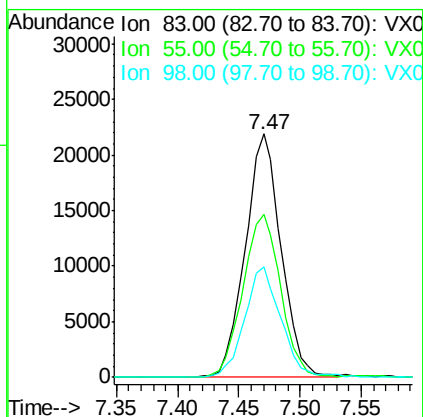
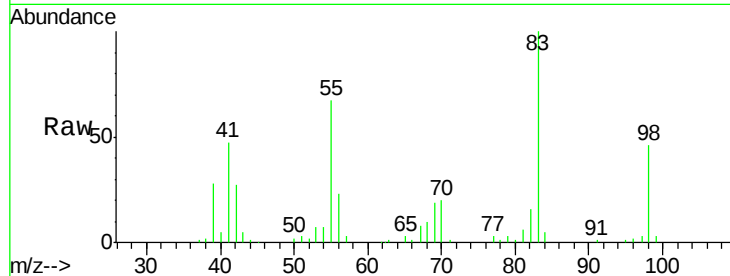
#39
Methylcyclohexane
Concen: 18.175 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VX0403WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.7	55.5	83.3
98	45.5	38.2	57.4

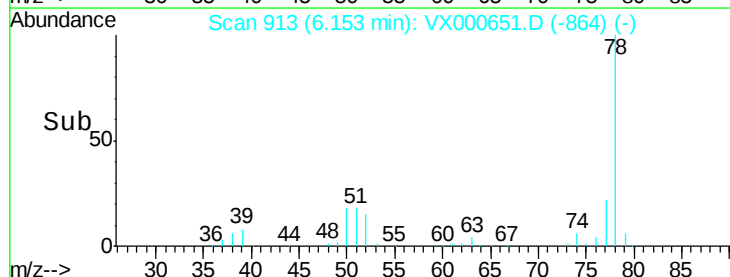
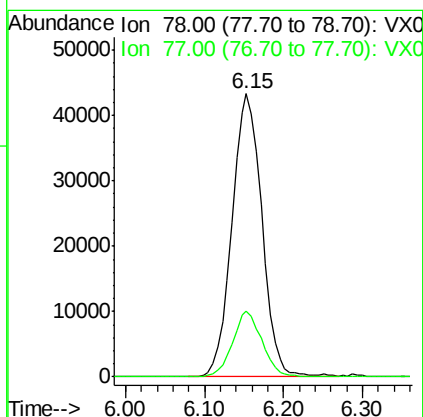
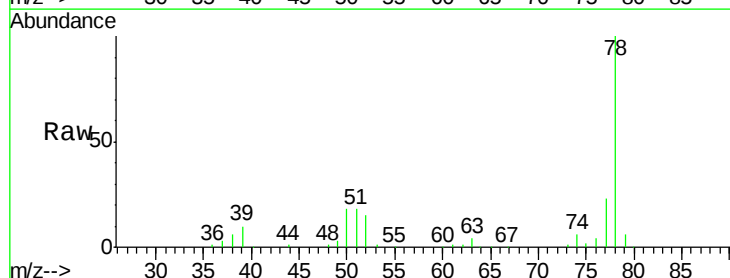
Manual Integrations
APPROVED

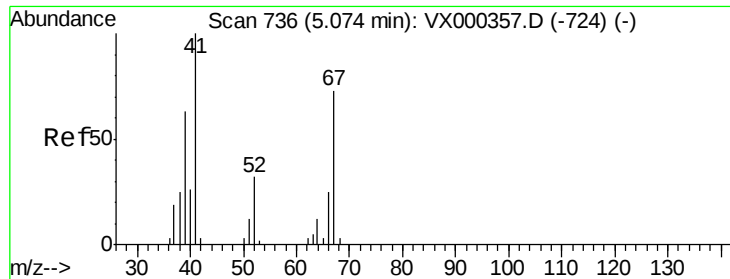
sam
4/4/2018 5:42:49 PM



#40
Benzene
Concen: 19.433 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





#41

Methacrylonitrile

Concen: 19.088 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

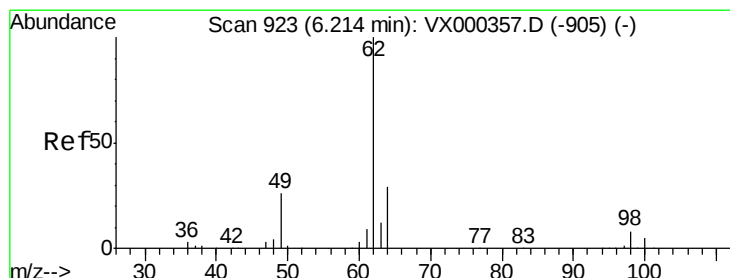
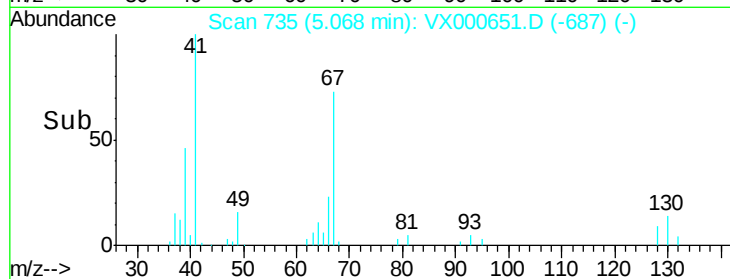
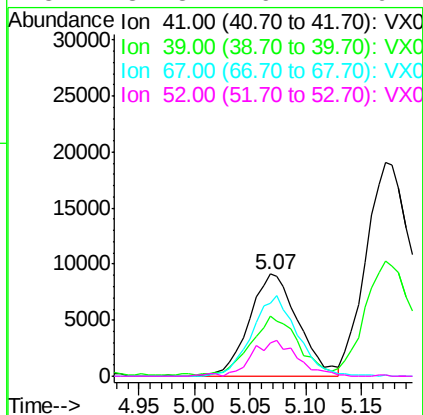
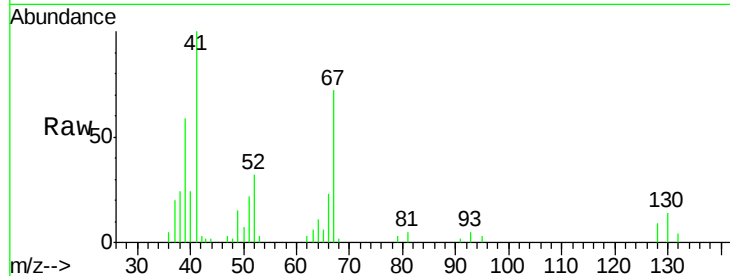
ClientSampled :

VX0403WBS01

Tgt Ion:	41	Resp:	27858
Ion Ratio	Lower	Upper	
41	100		
39	54.0	45.7	68.5
67	73.3	57.8	86.8
52	32.8	26.7	40.1

Manual Integrations
APPROVED

sam
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#42

1,2-Dichloroethane

Concen: 18.962 ug/l

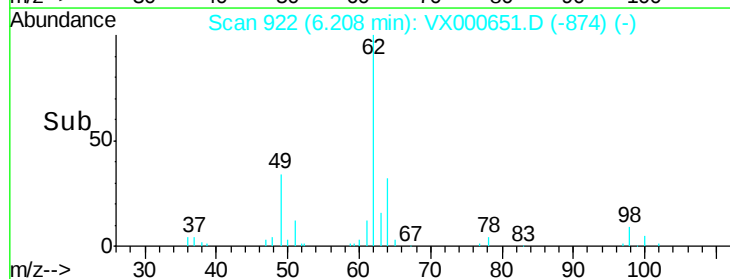
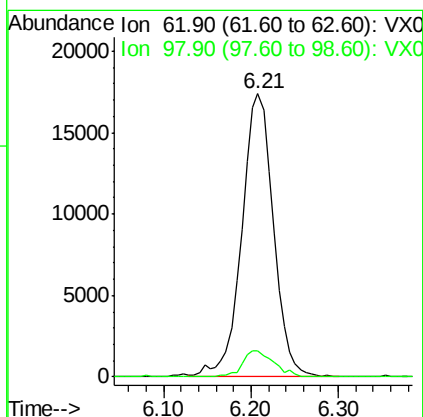
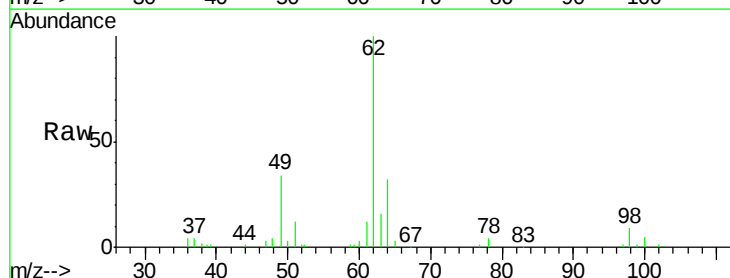
RT: 6.21 min Scan# 922

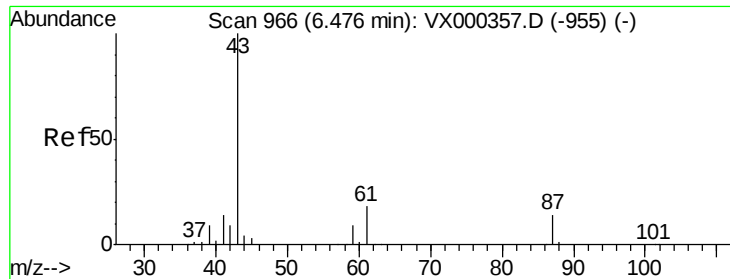
Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion:	62	Resp:	43787
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.747 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

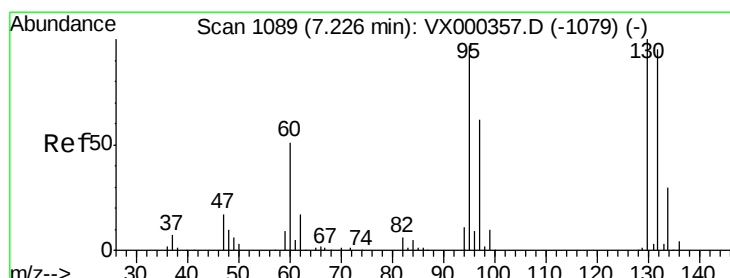
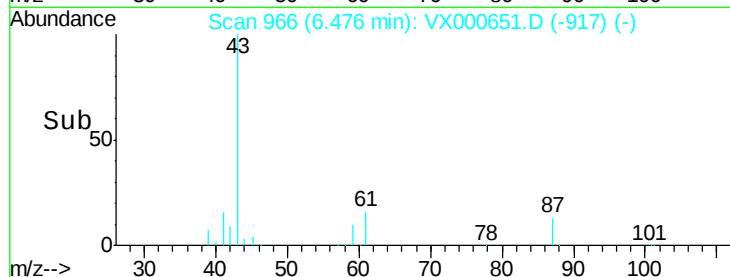
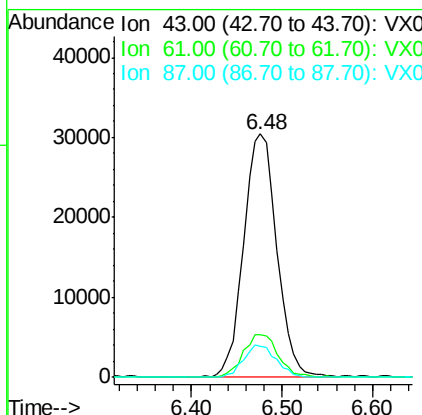
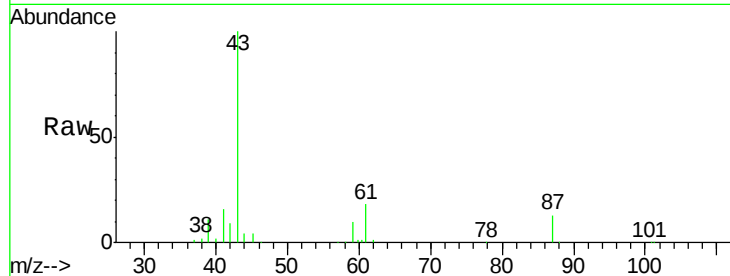
ClientSampleId :

VX0403WBS01

Tgt Ion:	43	Resp:	77250
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.4	21.6
87	13.0	11.0	16.4

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#44

Trichloroethene

Concen: 19.749 ug/l

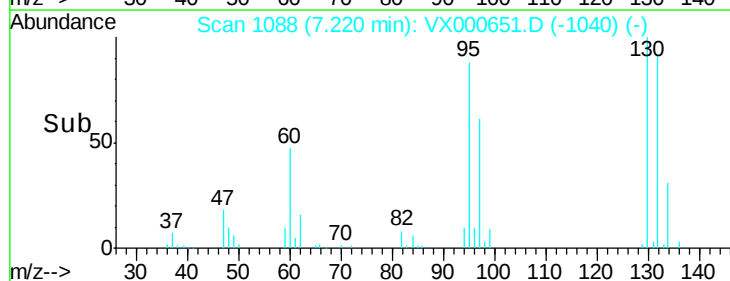
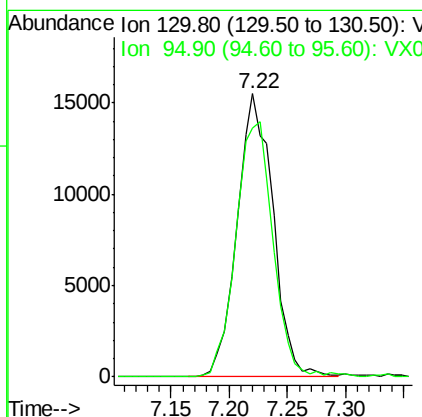
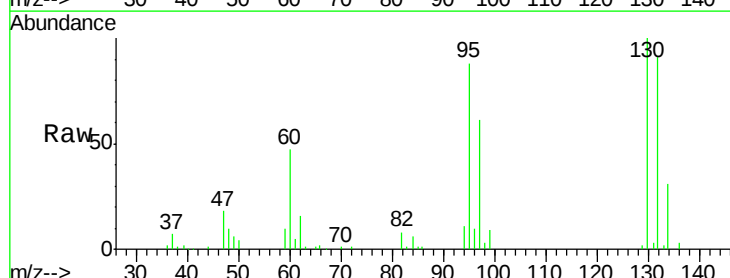
RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion:	130	Resp:	33298
Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	186.0





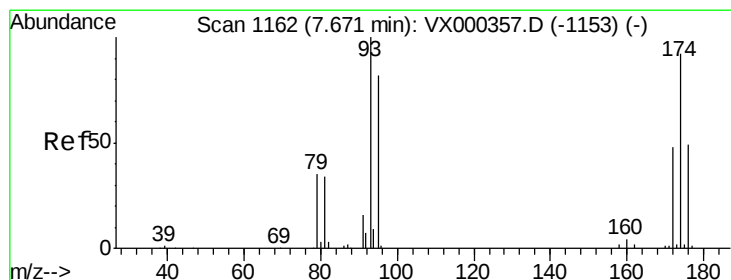
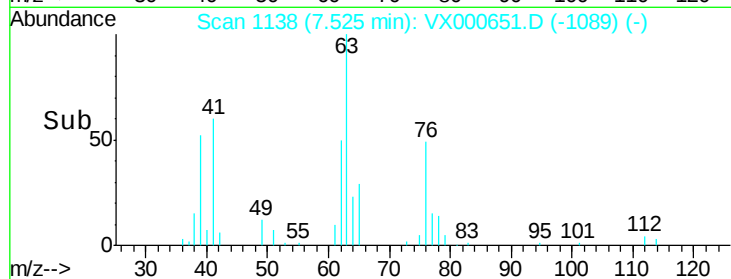
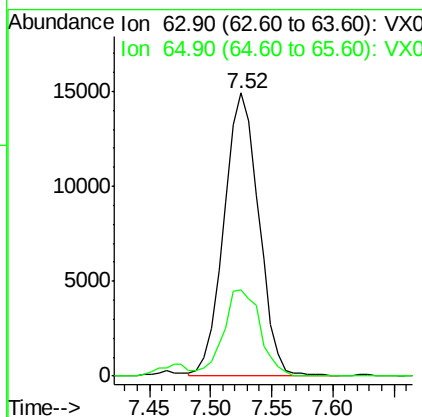
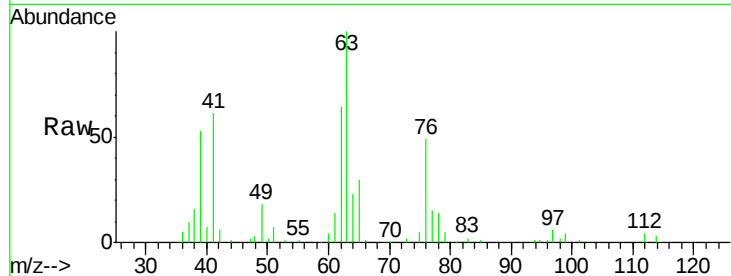
#45
 1,2-Dichloropropane
 Concen: 19.571 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0403WBS01

Tgt Ion: 63 Resp: 29483
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 36.8

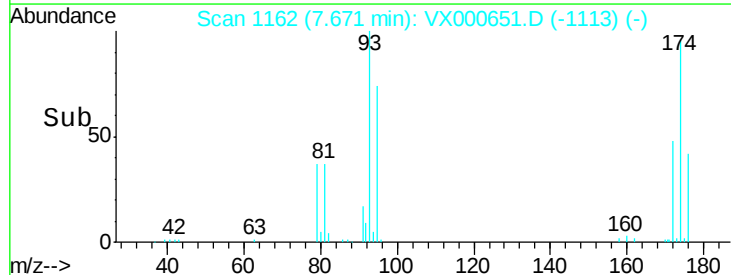
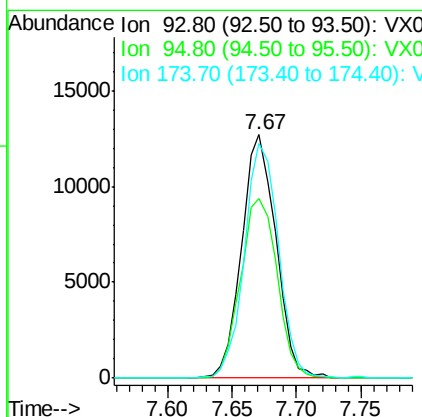
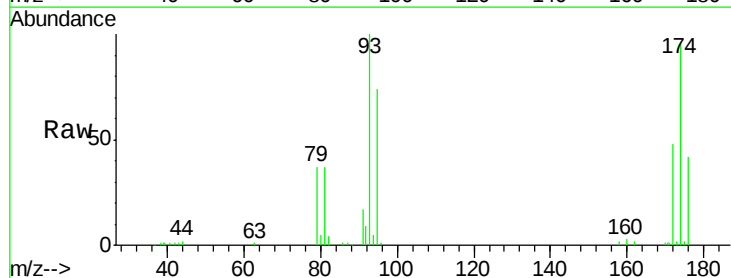
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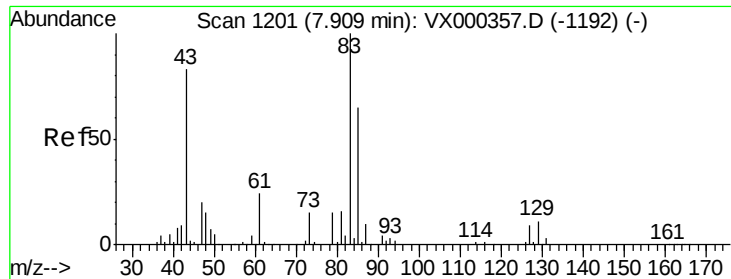
sam
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#46
 Dibromomethane
 Concen: 19.771 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion: 93 Resp: 23379
 Ion Ratio Lower Upper
 93 100
 95 78.8 66.5 99.7
 174 95.7 76.0 114.0





#47

Bromodichloromethane

Concen: 19.935 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

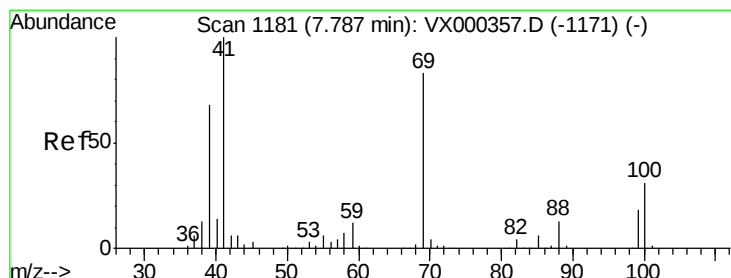
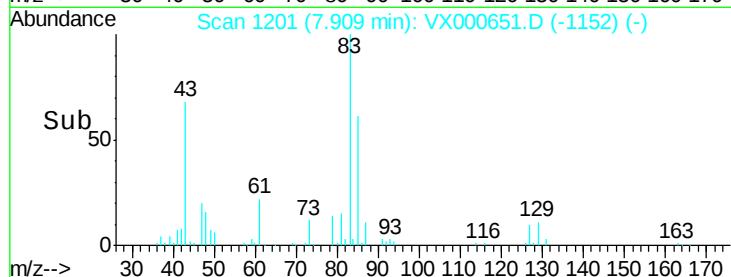
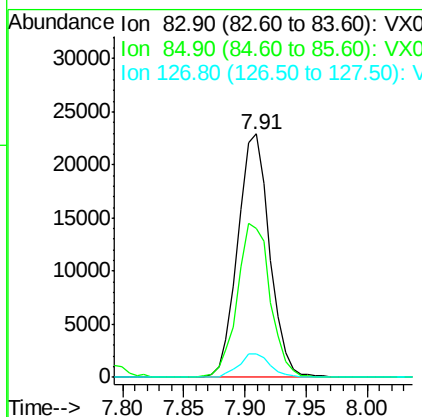
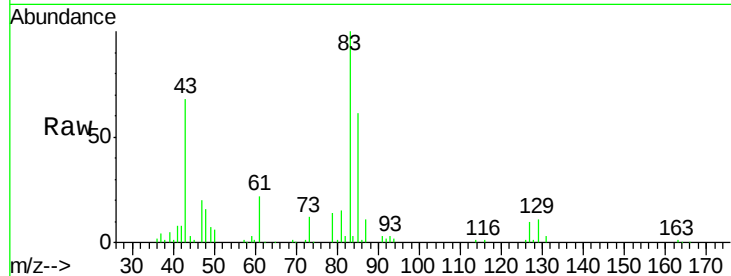
ClientSampleId :

VX0403WBS01

Tgt Ion:	83	Resp:	41474
Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.4	77.0
127	9.8	7.0	10.6

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#48

Methyl methacrylate

Concen: 19.106 ug/l

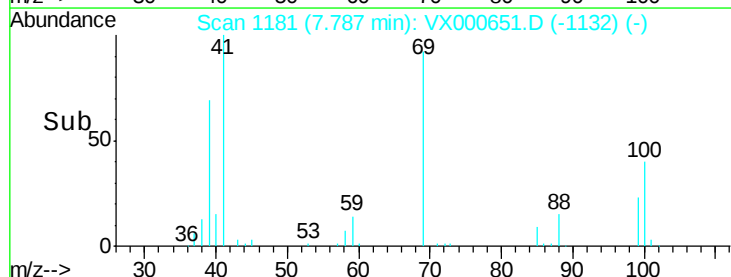
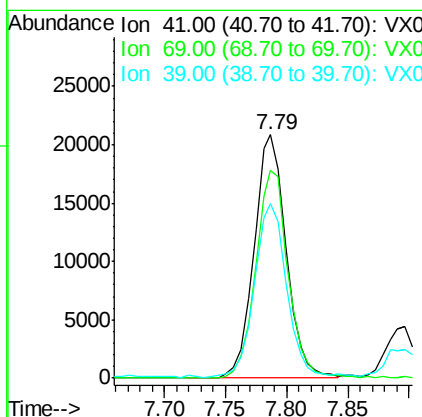
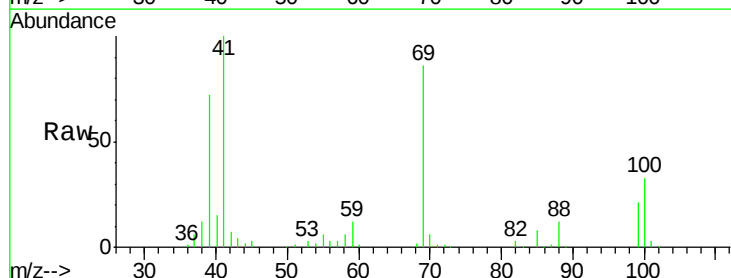
RT: 7.79 min Scan# 1181

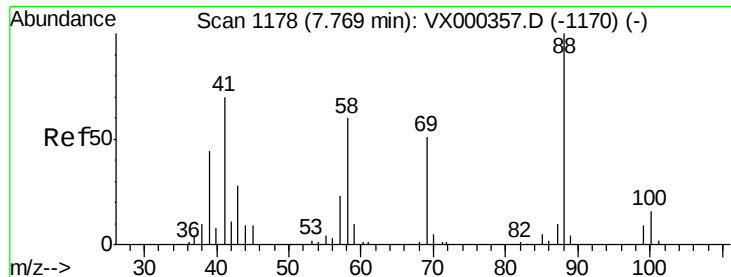
Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion:	41	Resp:	38222
Ion	Ratio	Lower	Upper
41	100		
69	86.0	68.2	102.4
39	70.8	54.6	81.8





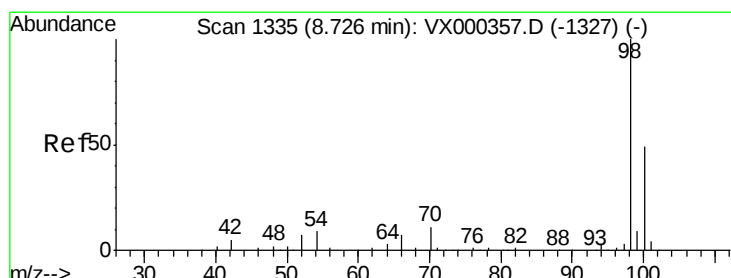
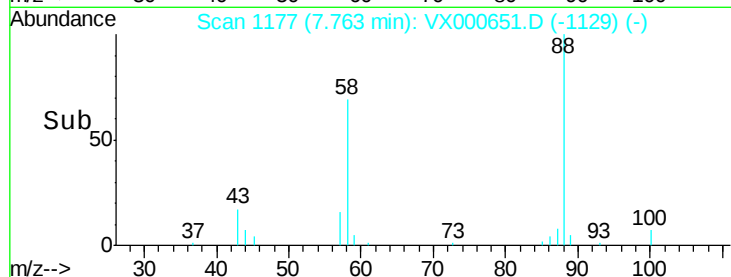
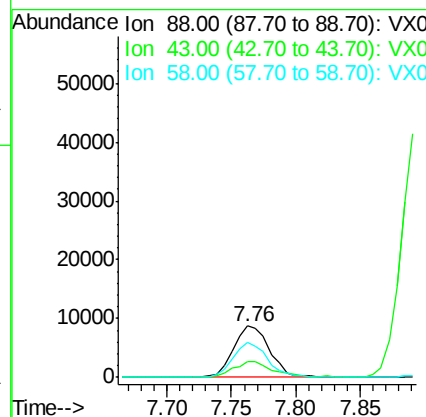
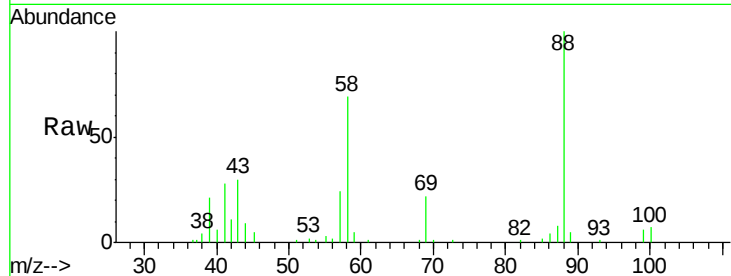
#49
1,4-Dioxane
Concen: 406.023 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.8	40.2
58	64.8	52.2	78.2

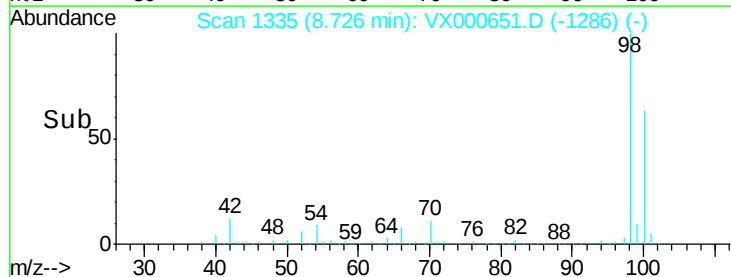
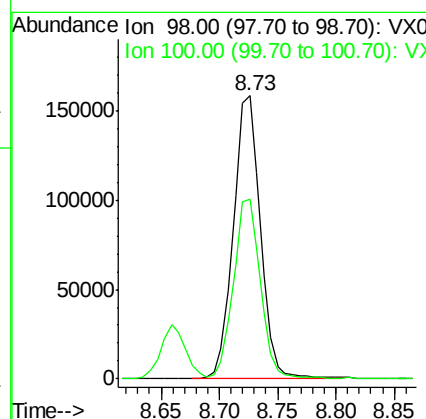
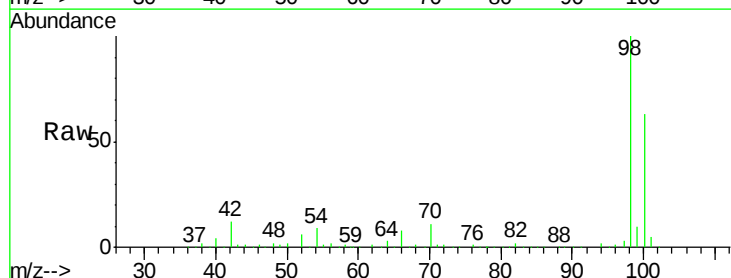
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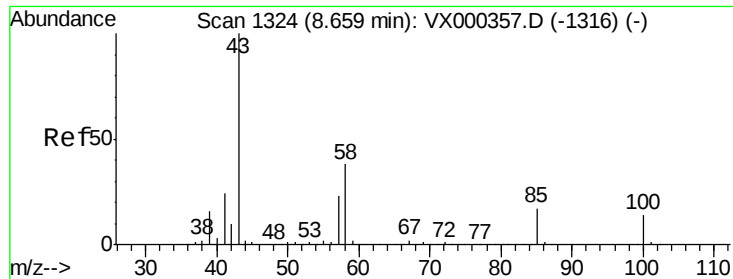
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#50
Toluene-d8
Concen: 45.542 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 99.185 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tgt Ion: 43 Resp: 316361

Ion Ratio Lower Upper

43 100

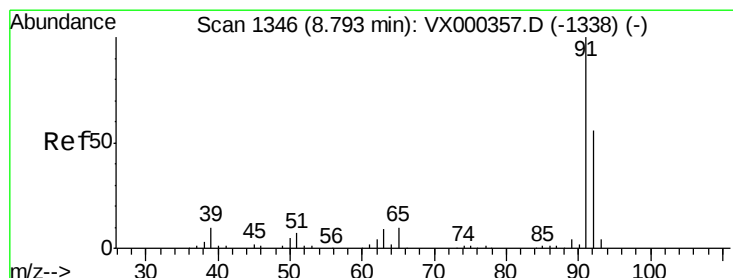
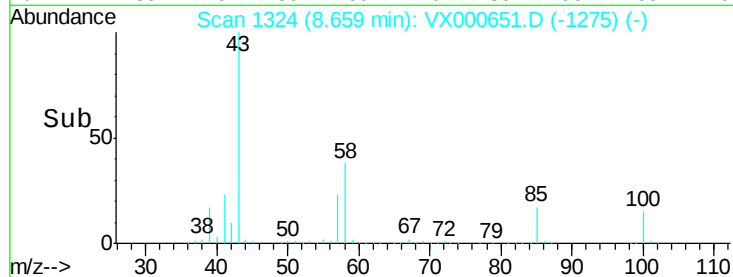
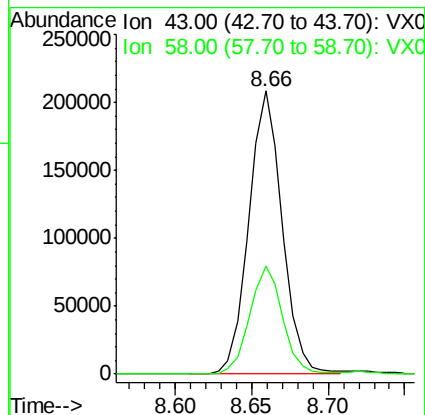
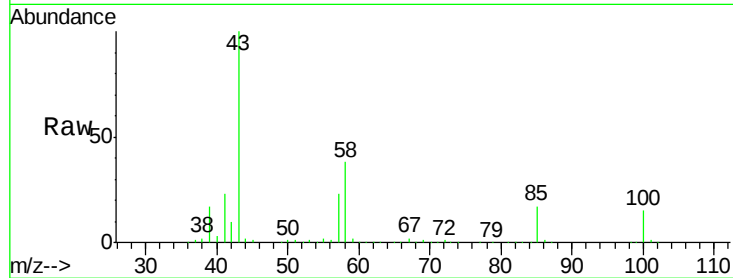
58 37.4 30.3 45.5

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#52

Toluene

Concen: 19.639 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000651.D

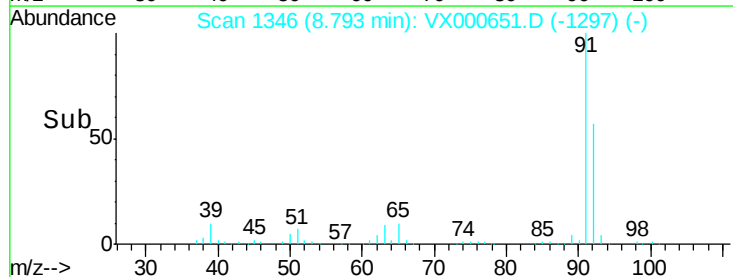
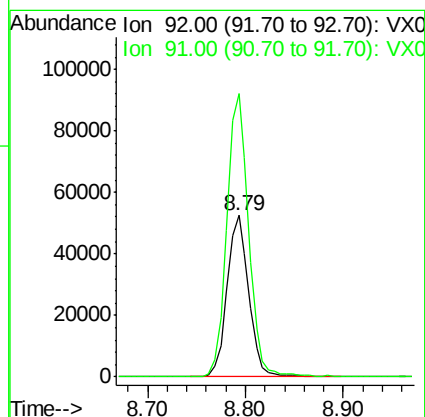
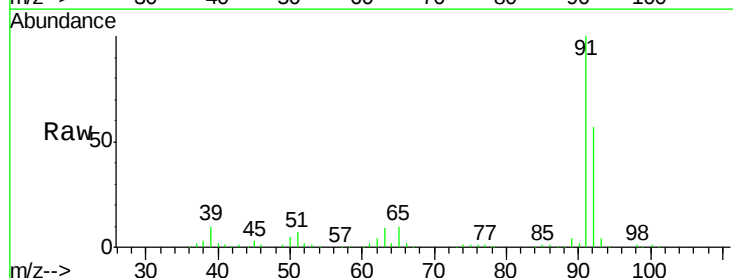
Acq: 03 Apr 2018 13:52

Tgt Ion: 92 Resp: 80803

Ion Ratio Lower Upper

92 100

91 175.3 140.2 210.2





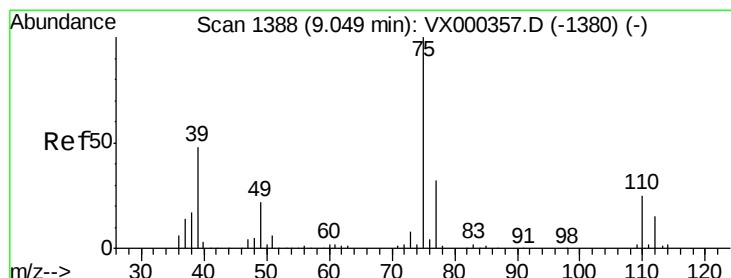
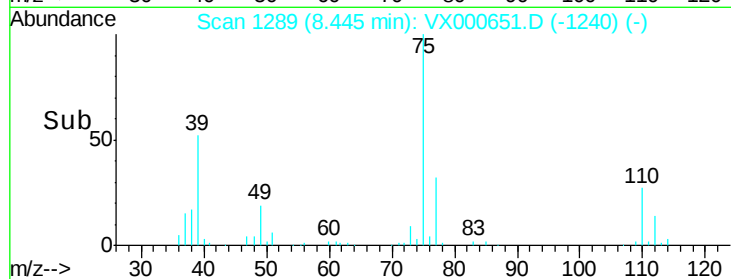
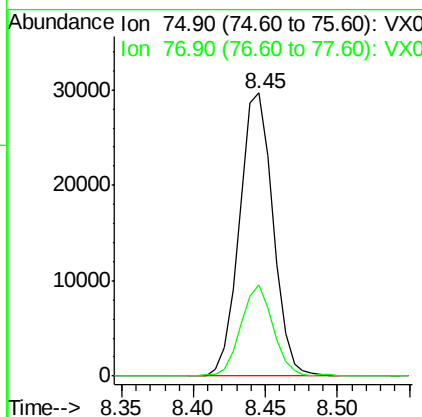
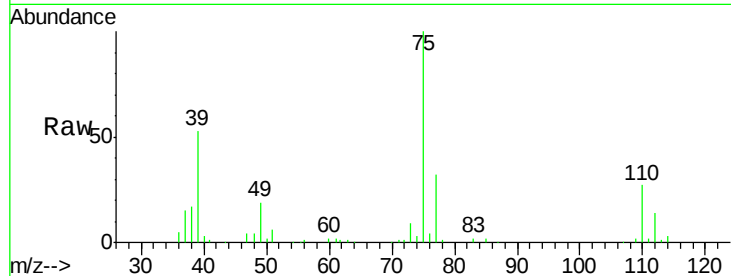
#53
 t-1,3-Dichloropropene
 Concen: 19.844 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tgt Ion: 75 Resp: 47840
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.0 36.0

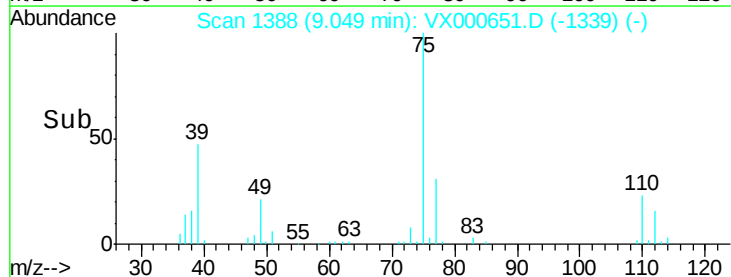
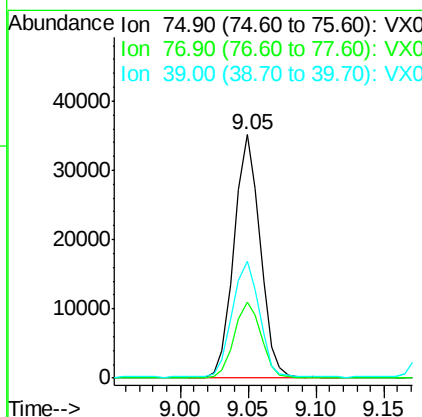
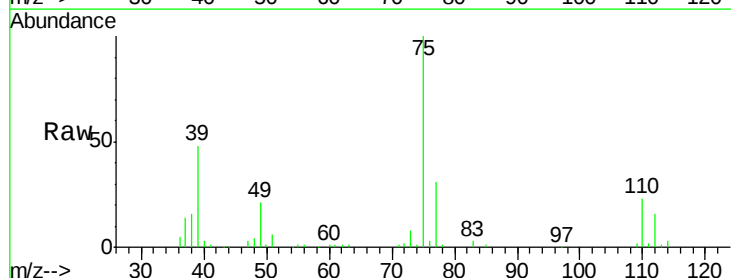
Manual Integrations
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#54
 cis-1,3-Dichloropropene
 Concen: 20.269 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion: 75 Resp: 47400
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.1 39.1
 39 47.6 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 20.234 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

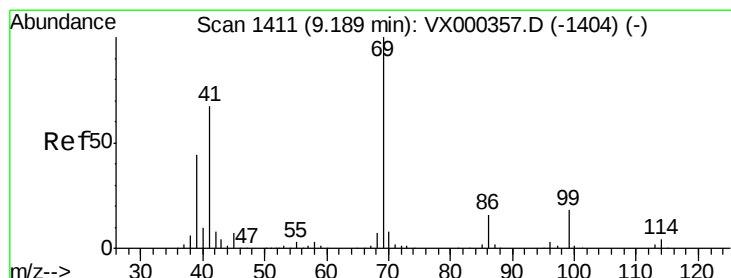
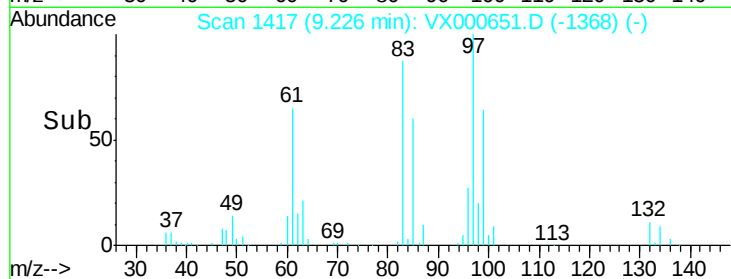
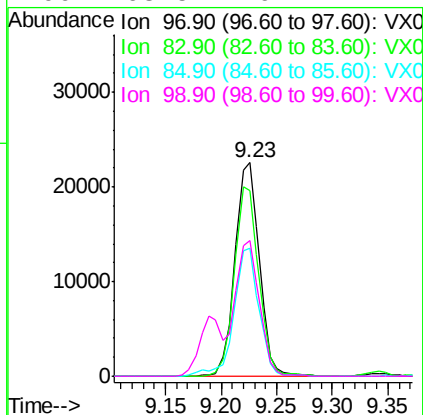
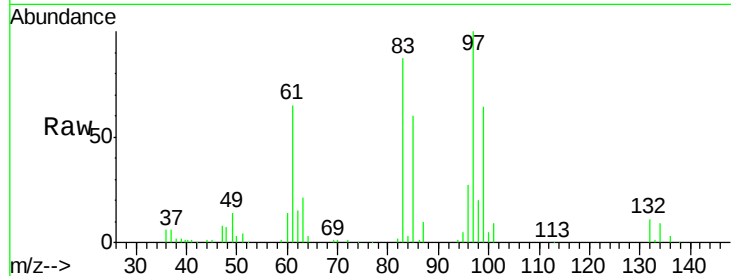
ClientSampleId :

VX0403WBS01

Tgt Ion:	97	Resp:	34235
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.9	101.9
85	59.8	42.8	64.2
99	63.5	49.4	74.2

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#56

Ethyl methacrylate

Concen: 19.396 ug/l

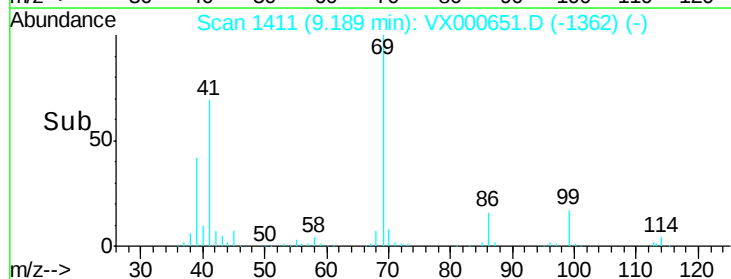
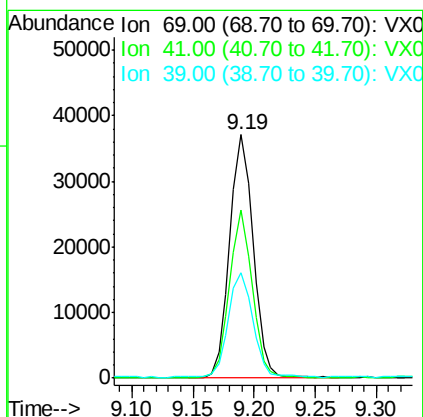
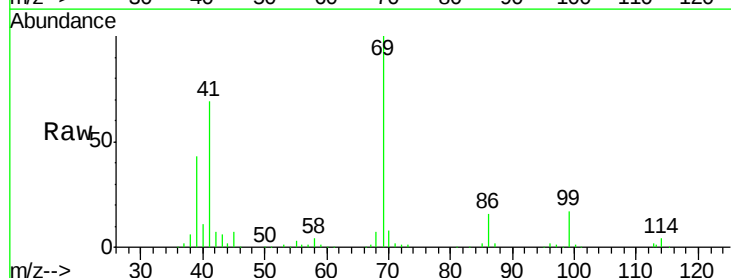
RT: 9.19 min Scan# 1411

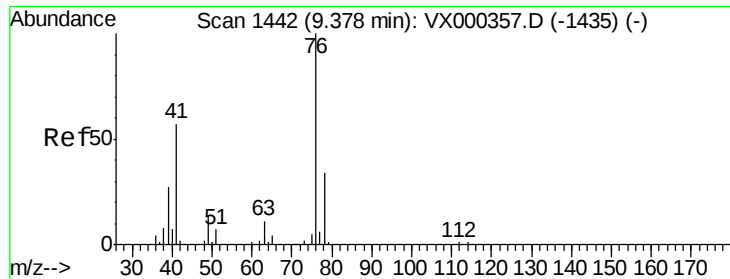
Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion:	69	Resp:	49728
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.0	79.6
39	45.0	35.3	52.9





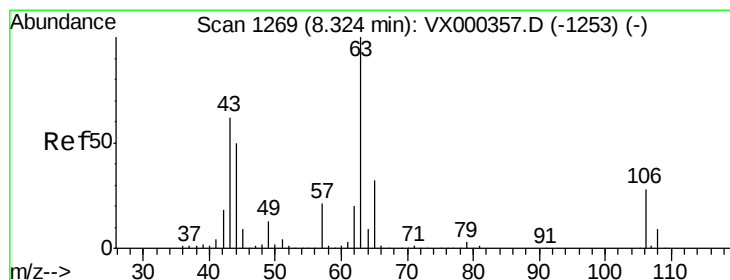
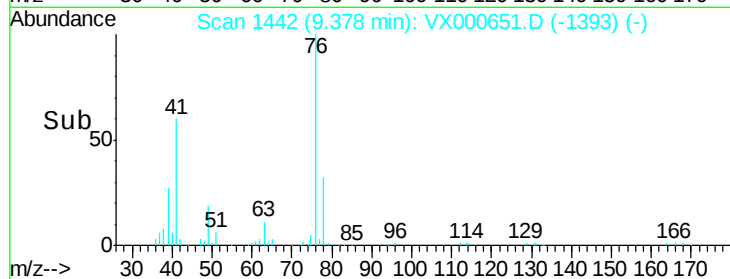
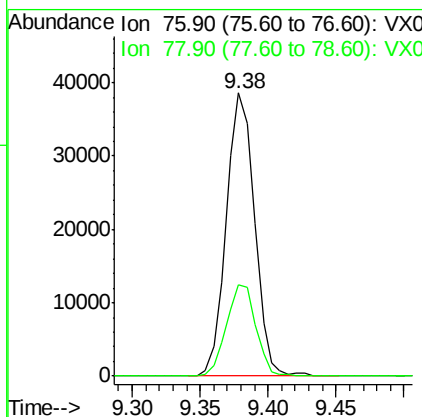
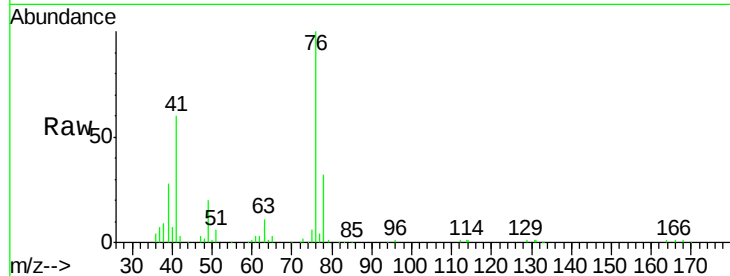
#57
 1,3-Dichloropropane
 Concen: 20.639 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0403WBS01

Tgt Ion: 76 Resp: 55854
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.4 39.6

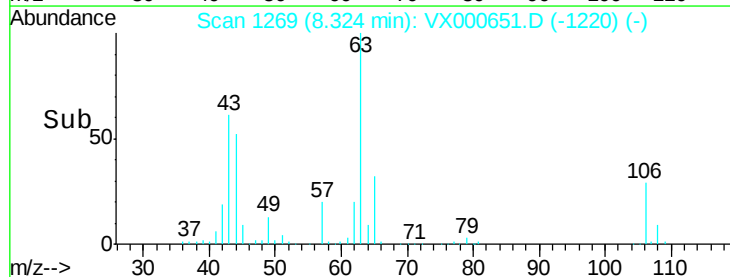
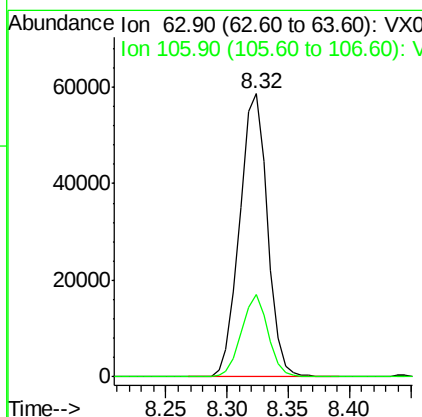
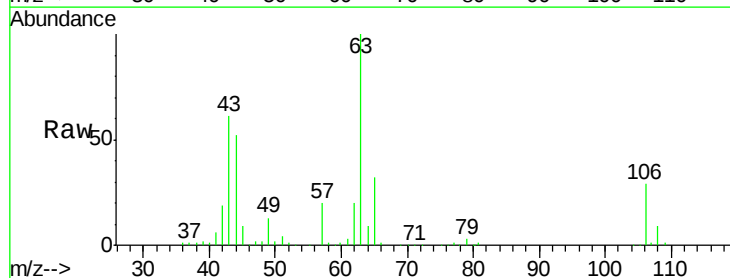
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#58
 2-Chloroethyl Vinyl ether
 Concen: 75.182 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion: 63 Resp: 92513
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.2 34.8





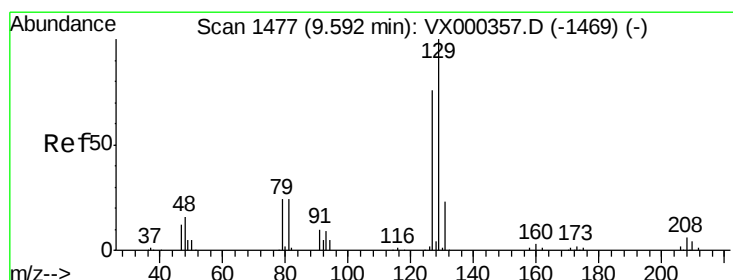
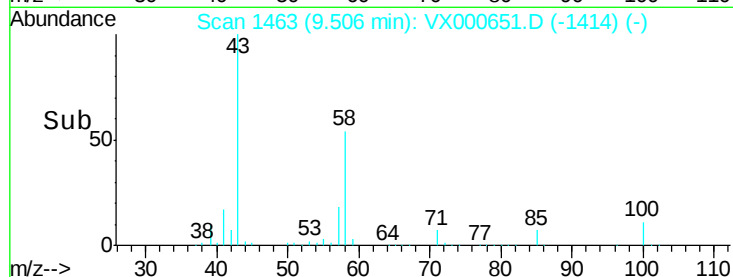
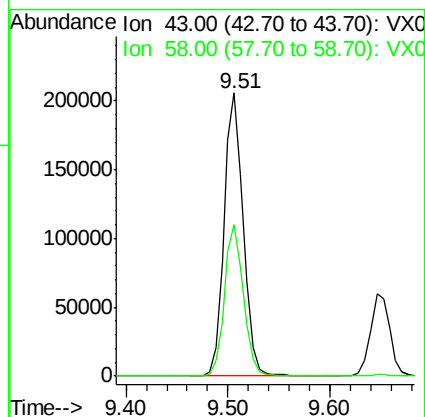
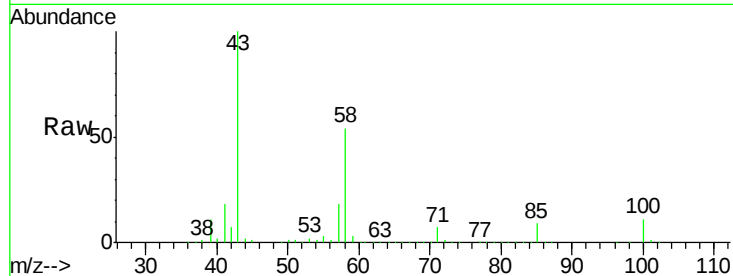
#59
2-Hexanone
Concen: 99.568 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion: 43 Resp: 269664
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7

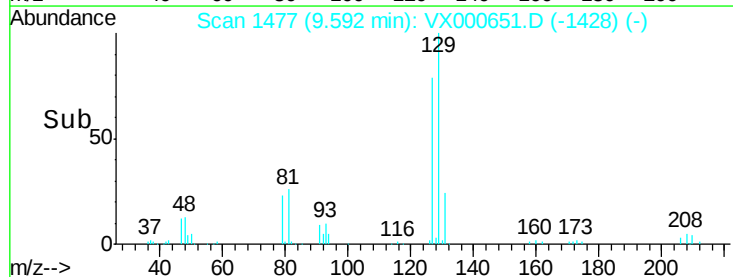
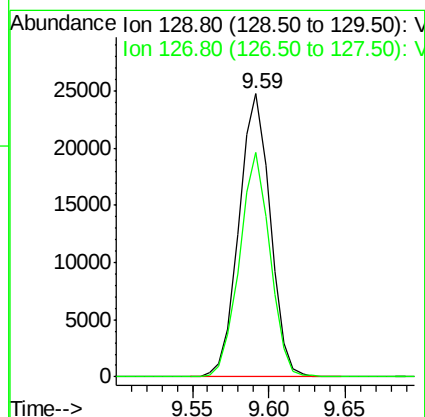
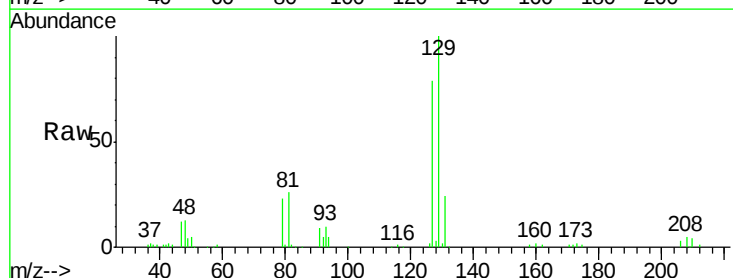
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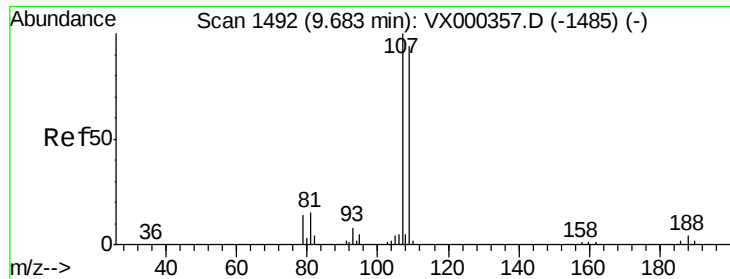
sam
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#60
Dibromochloromethane
Concen: 20.193 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion: 129 Resp: 35078
Ion Ratio Lower Upper
129 100
127 77.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.688 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tgt Ion: 107 Resp: 37537

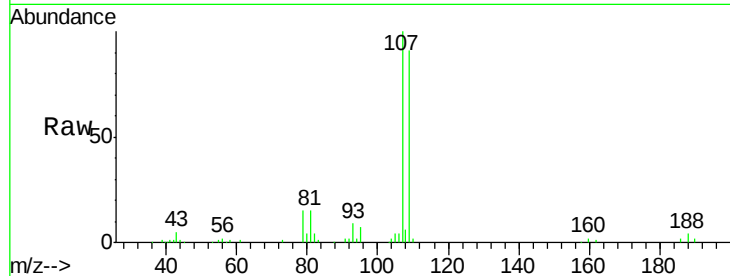
Ion Ratio Lower Upper

107 100

109 95.1 76.1 114.1

Manual Integrations
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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

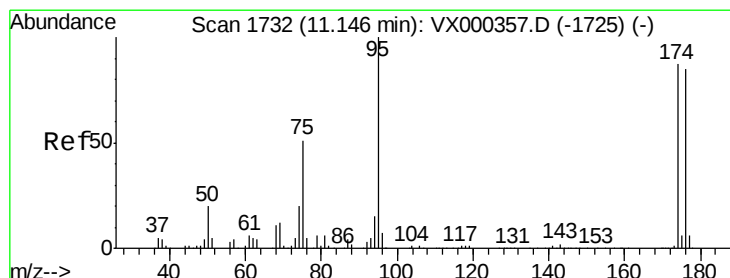
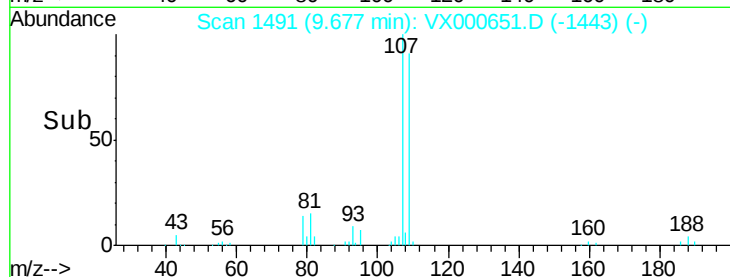
15000

10000

5000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 43.571 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

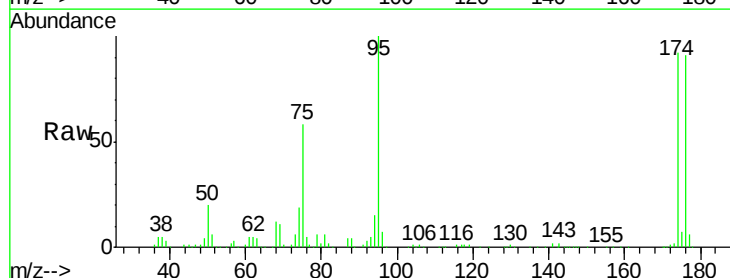
Tgt Ion: 95 Resp: 101794

Ion Ratio Lower Upper

95 100

174 90.4 0.0 173.6

176 86.6 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

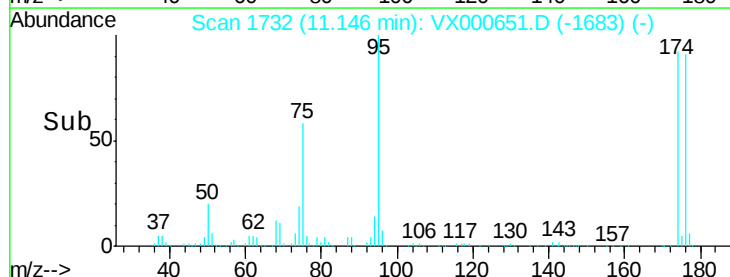
60000

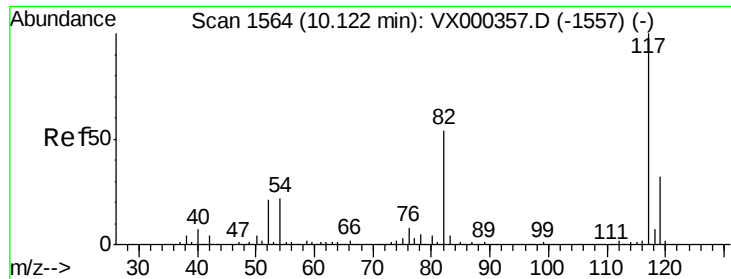
40000

20000

0

Time--> 11.10 11.15 11.20





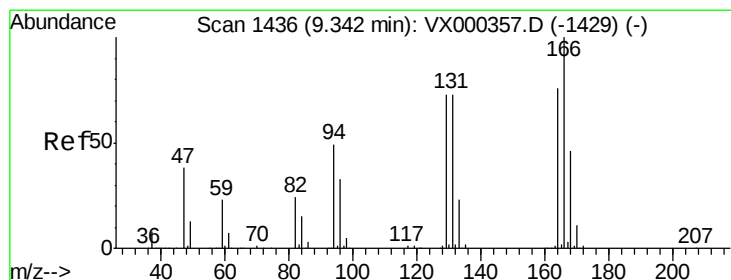
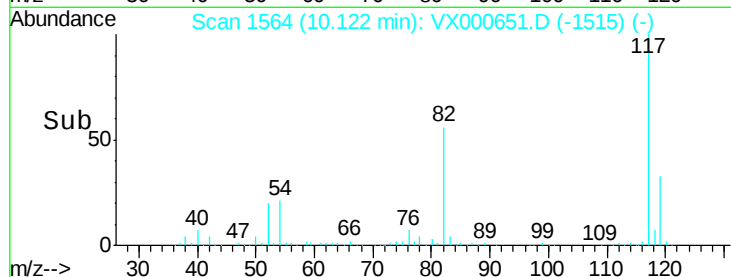
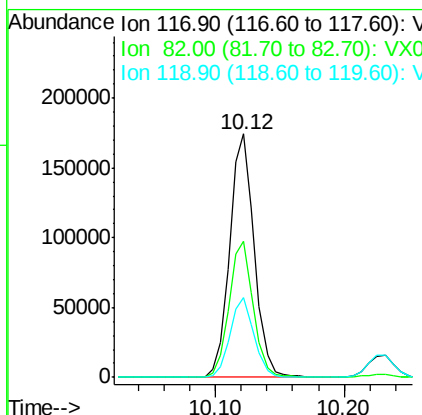
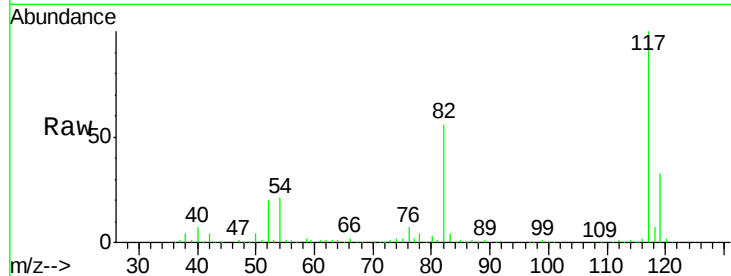
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	231932		
82	55.8	43.8	65.8	
119	32.7	24.9	37.3	

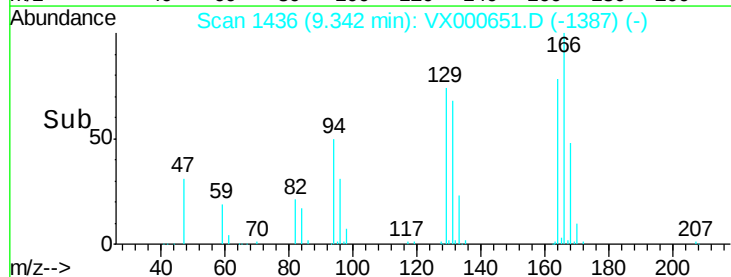
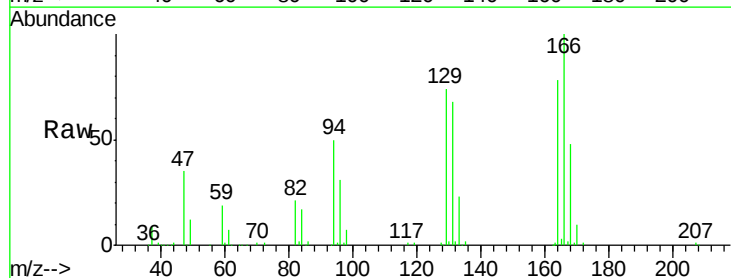
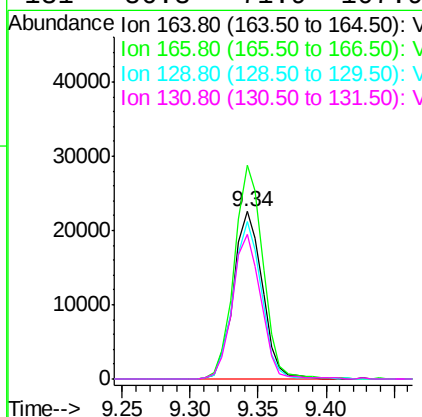
Manual Integrations
APPROVED

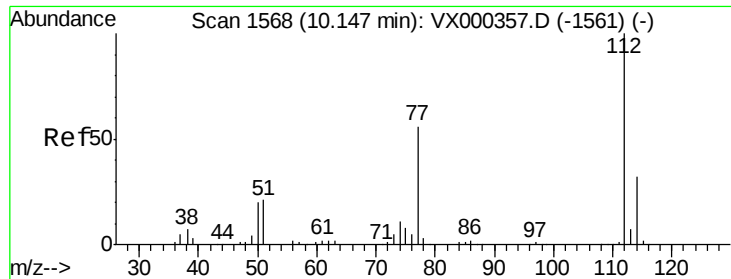
sam
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#64
Tetrachloroethene
Concen: 18.615 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33503		
166	127.7	101.0	151.6	
129	94.0	79.0	118.4	
131	86.3	71.9	107.9	





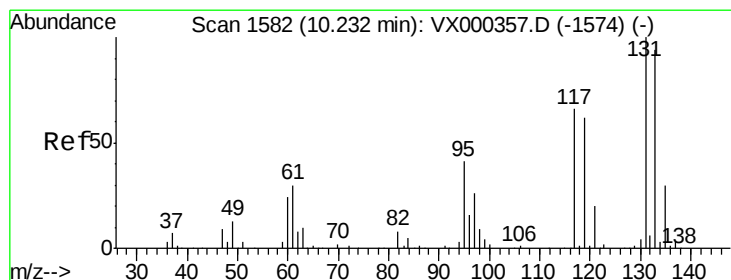
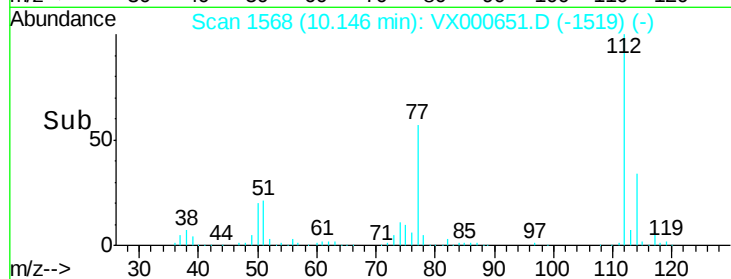
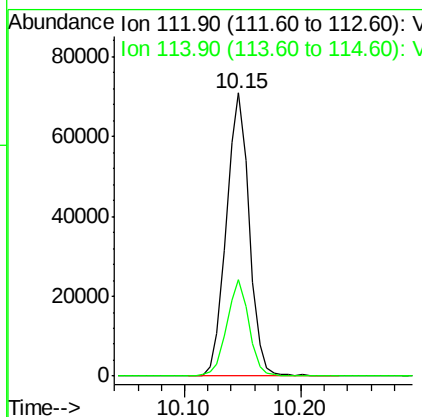
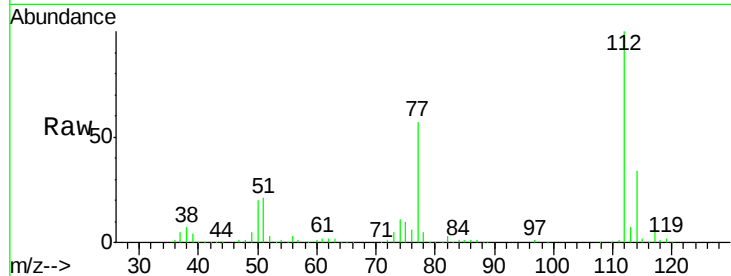
#65
Chlorobenzene
Concen: 18.736 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion:112 Resp: 96705
Ion Ratio Lower Upper
112 100
114 34.3 25.7 38.5

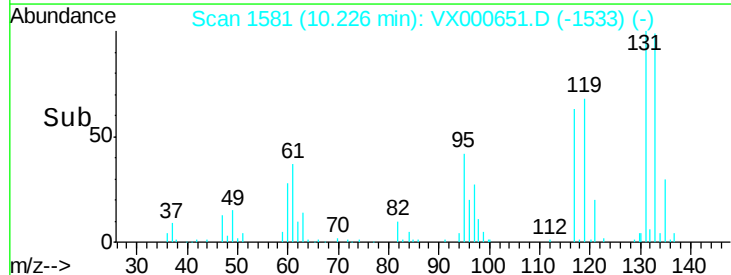
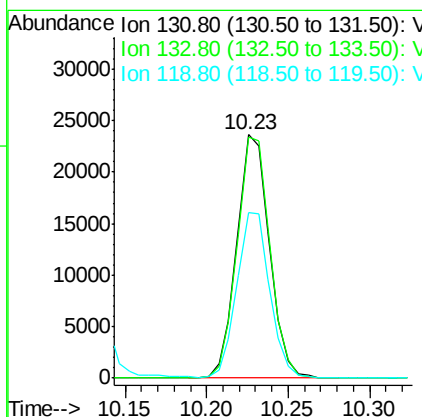
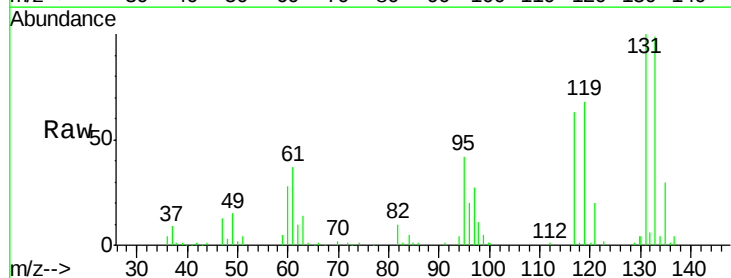
Manual Integrations
APPROVED

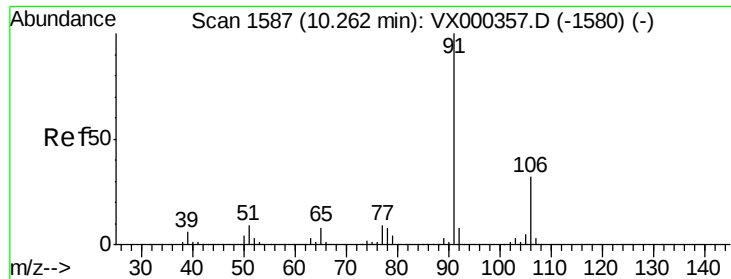
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.842 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion:131 Resp: 33030
Ion Ratio Lower Upper
131 100
133 99.3 47.1 141.3
119 68.4 33.1 99.2





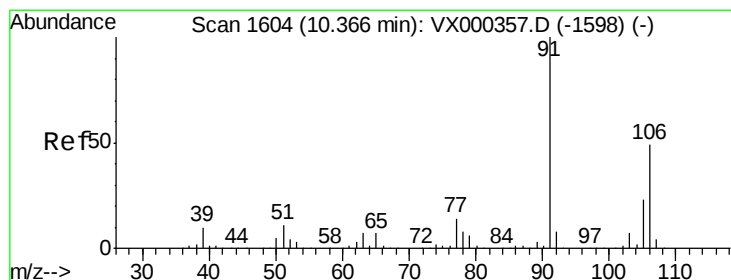
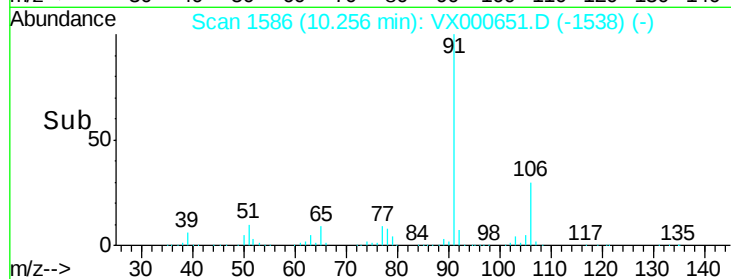
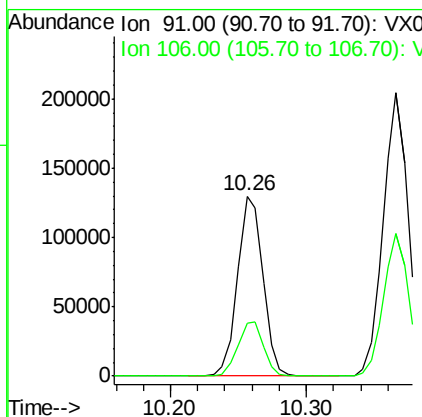
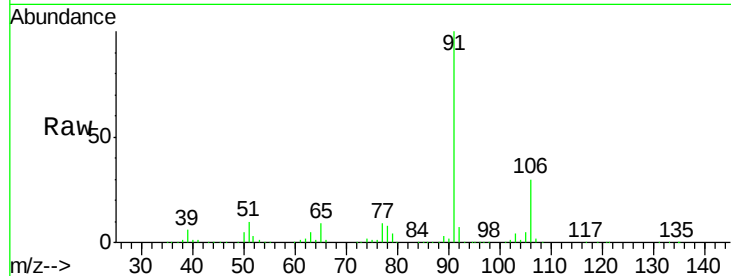
#67
Ethyl Benzene
Concen: 19.266 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion: 91 Resp: 168572
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.6

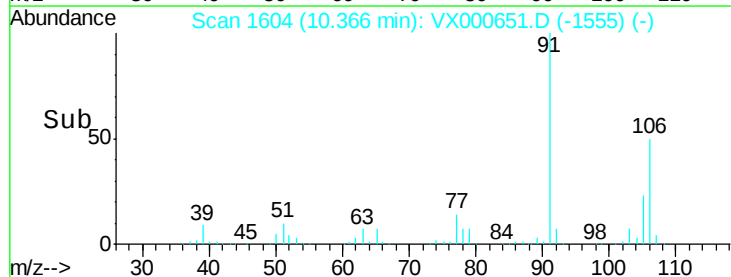
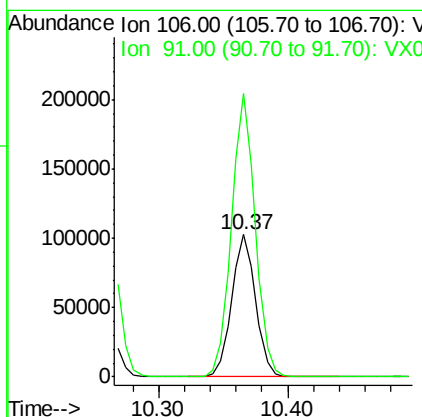
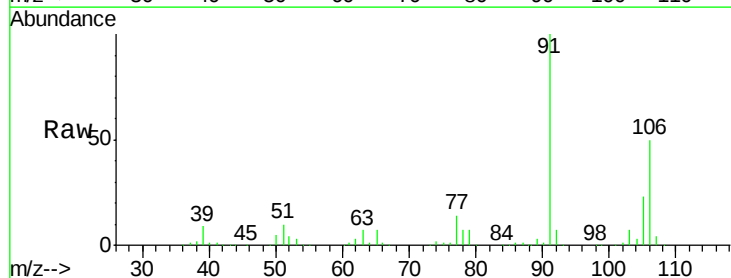
Manual Integrations
APPROVED

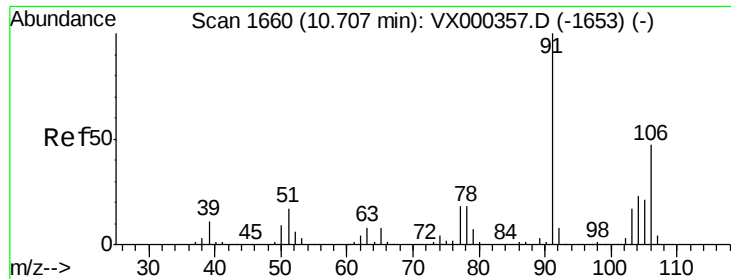
sam
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#68
m/p-Xylenes
Concen: 38.484 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion: 106 Resp: 132503
Ion Ratio Lower Upper
106 100
91 198.0 163.4 245.2





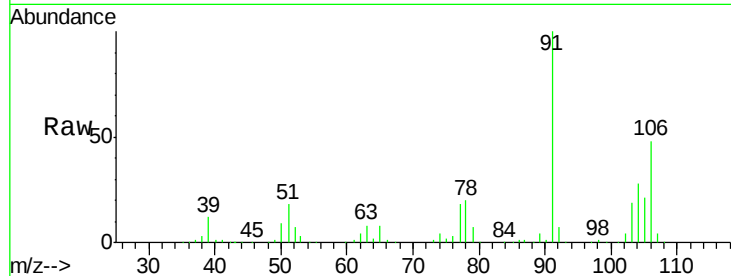
#69
o-Xylene
Concen: 19.368 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

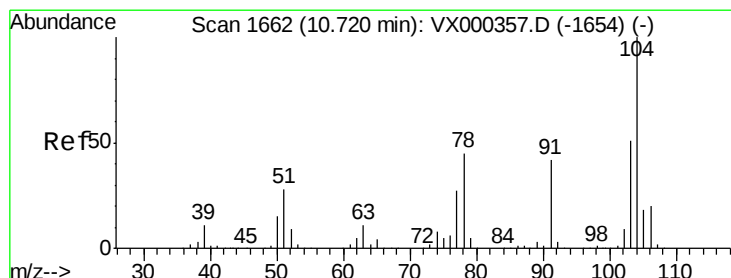
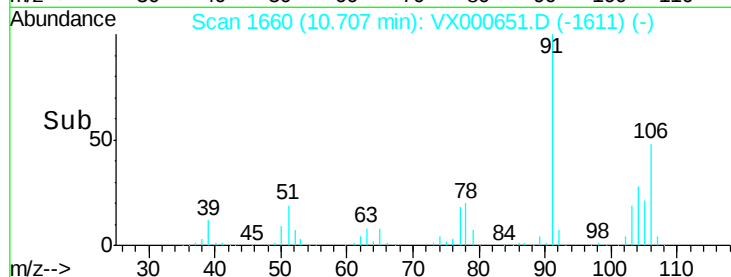
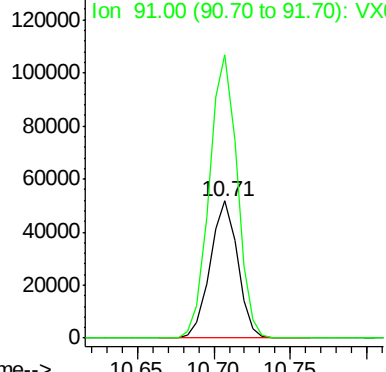
Tgt Ion:106 Resp: 64567
Ion Ratio Lower Upper
106 100
91 209.2 106.5 319.6

Manual Integrations
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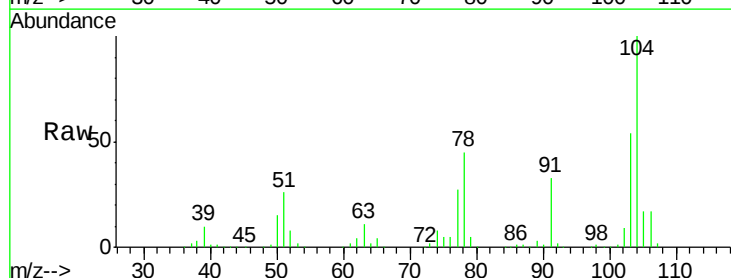


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

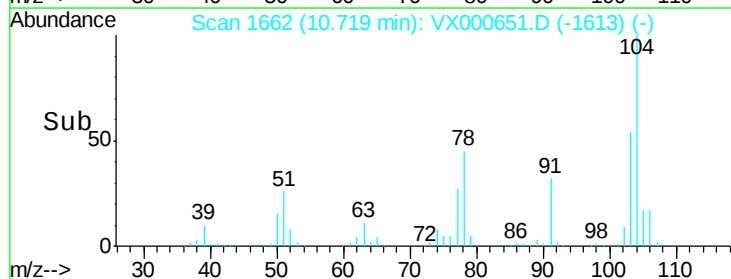
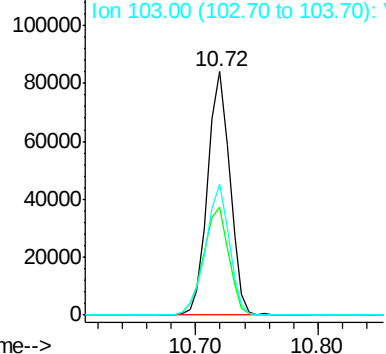


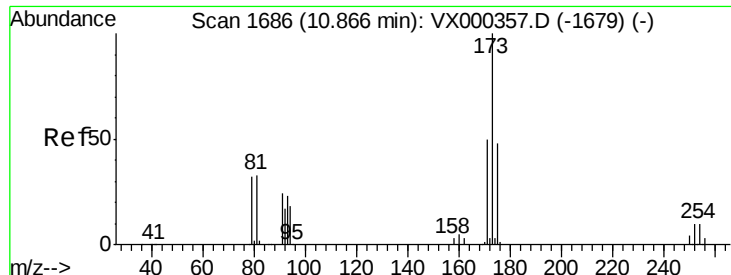
#70
Styrene
Concen: 19.130 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion:104 Resp: 105519
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 57.2 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: 18.783 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

Tgt Ion:173 Resp: 28296

Ion Ratio Lower Upper

173 100

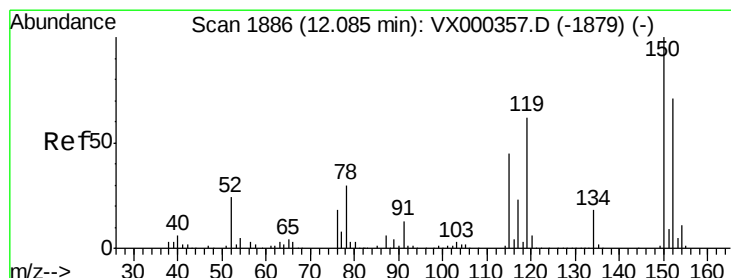
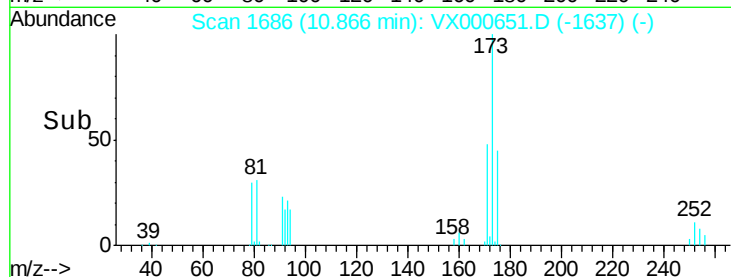
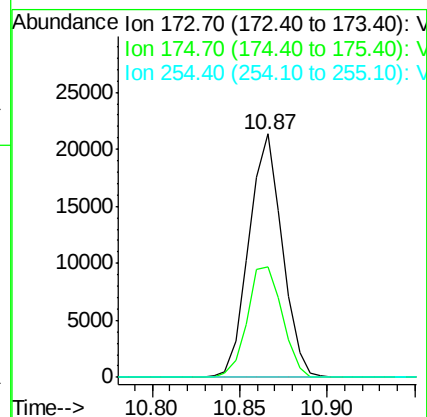
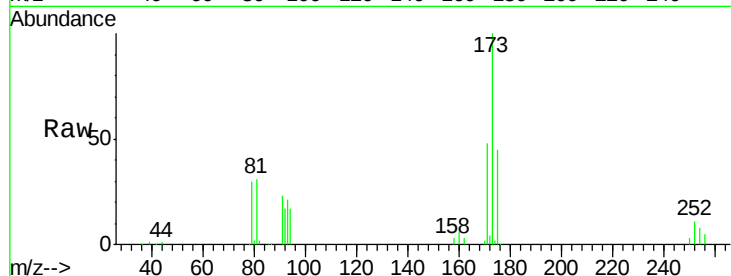
175 47.6 25.4 76.4

254 0.0 0.0 0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

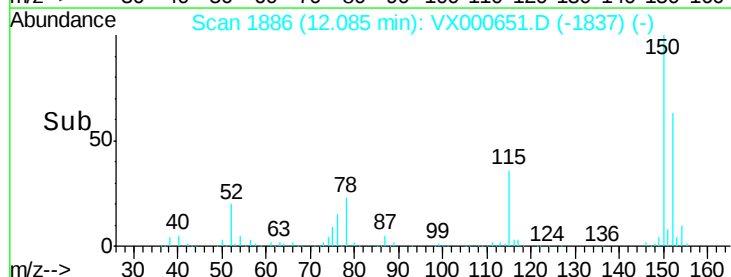
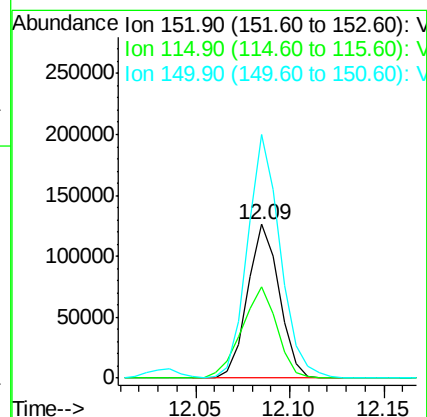
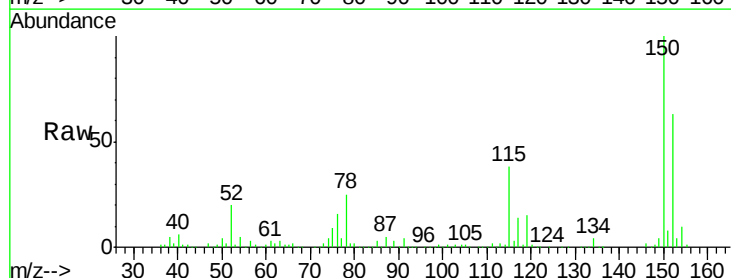
Tgt Ion:152 Resp: 147996

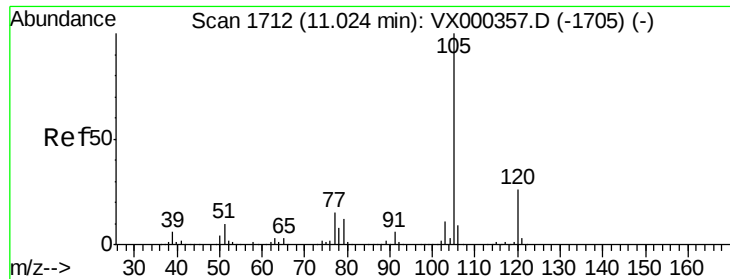
Ion Ratio Lower Upper

152 100

115 66.0 39.8 119.3

150 162.7 0.0 344.4





#73

Isopropylbenzene

Concen: 17.869 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tgt Ion: 105 Resp: 175221

Ion Ratio Lower Upper

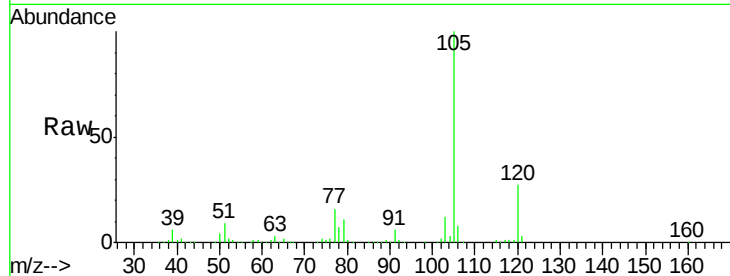
105 100

120 27.6 13.6 40.7

Manual Integrations
APPROVED

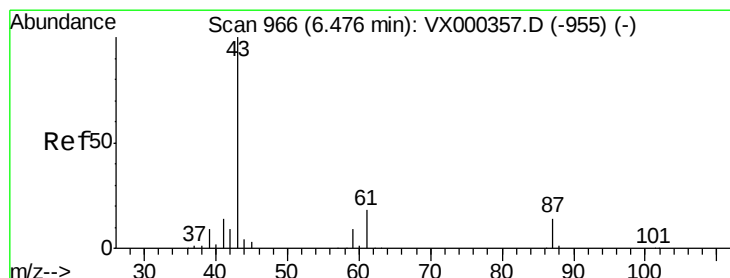
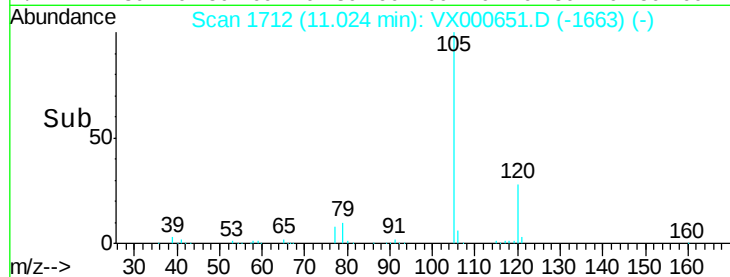
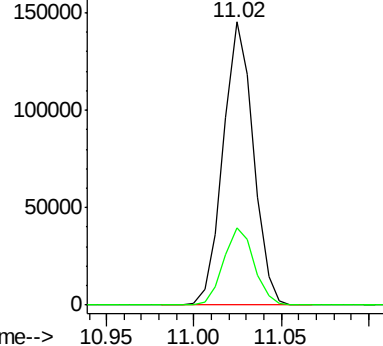
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.823 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion: 43 Resp: 77250

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

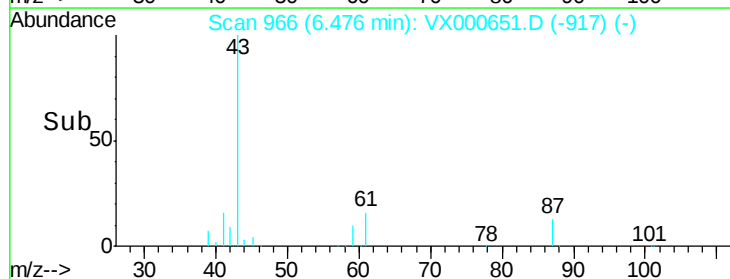
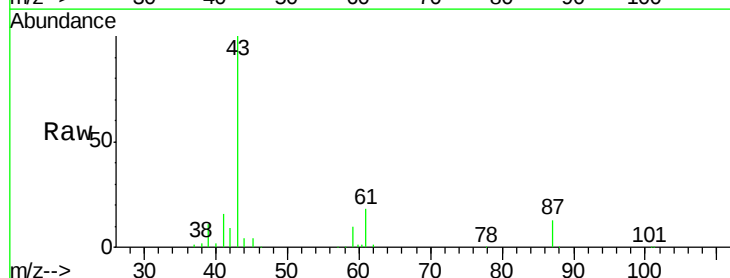
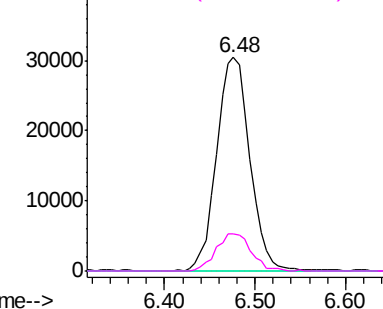
61 18.4 14.4 21.6

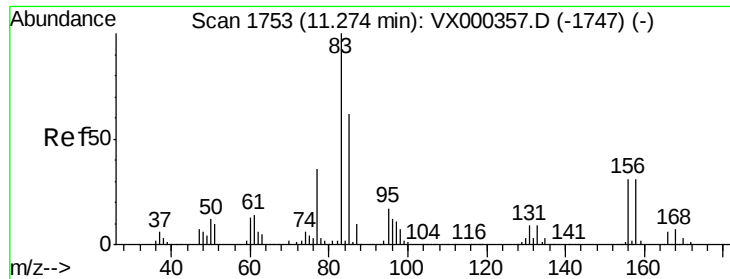
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.771 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

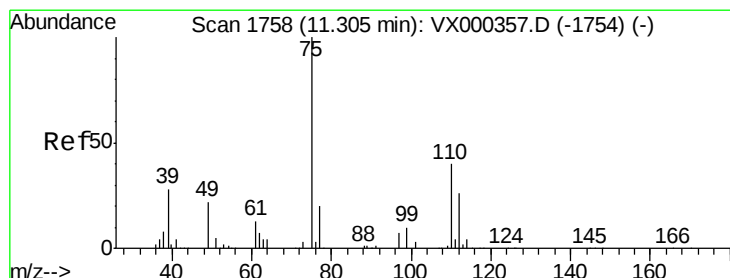
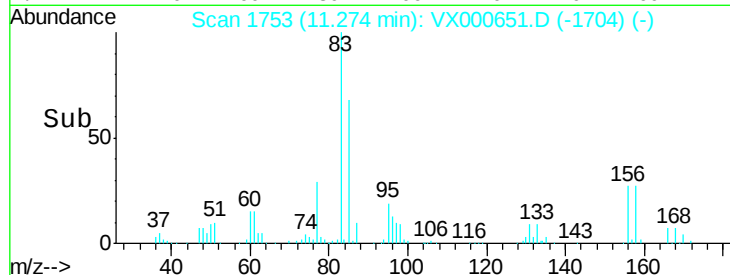
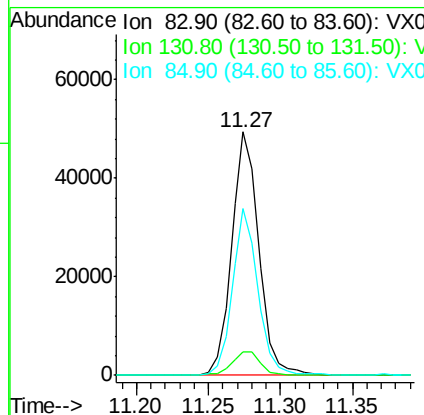
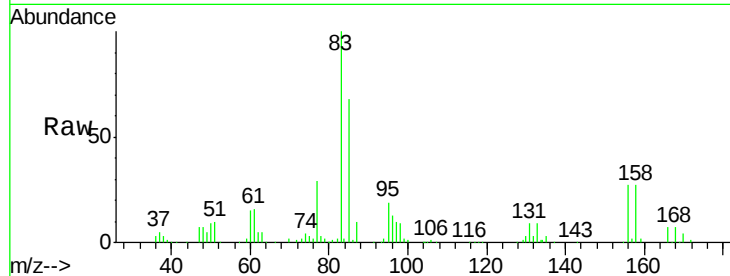
ClientSampled :

VX0403WBS01

Tgt Ion:	83	Resp:	65104
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	64.7	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.783 ug/l m

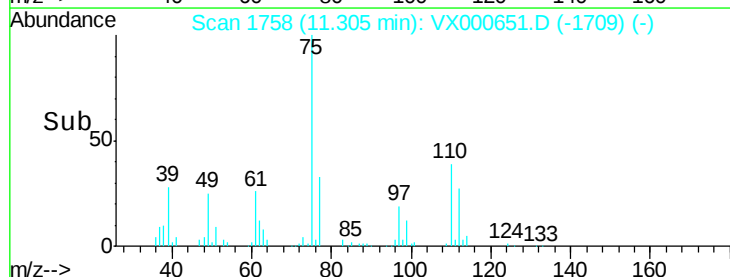
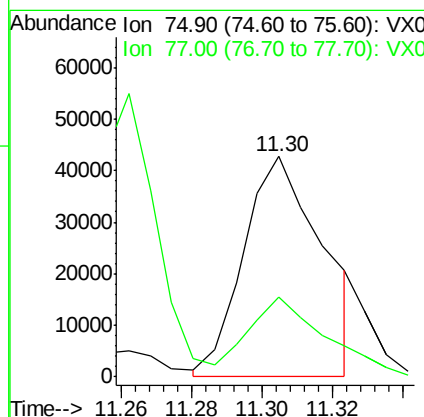
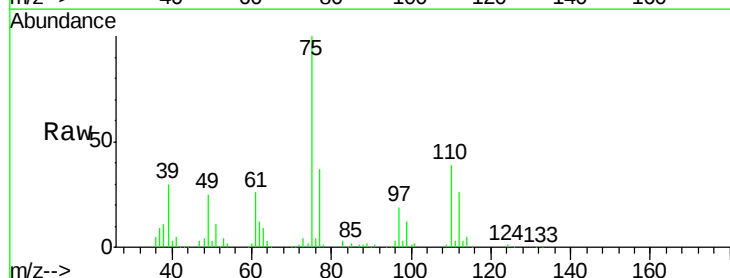
RT: 11.30 min Scan# 1758

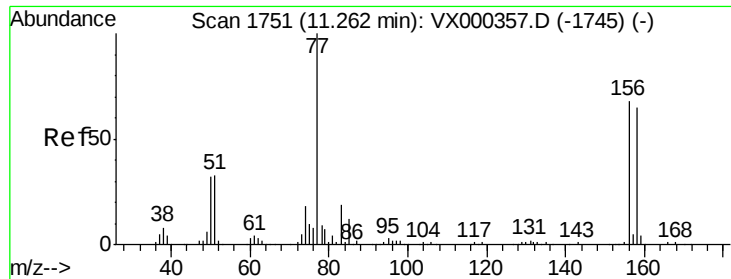
Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Tgt Ion:	75	Resp:	66104
Ion Ratio	Lower	Upper	
75	100		
77	35.8	21.4	64.2





#77

Bromobenzene

Concen: 17.231 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

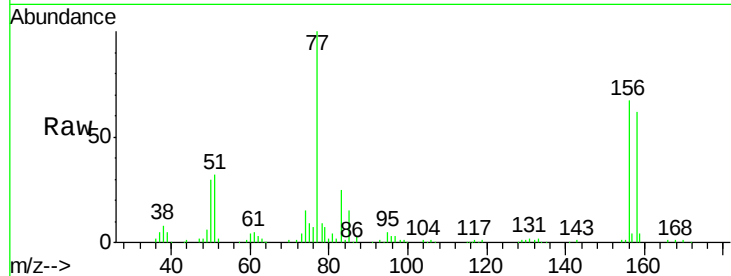
ClientSampled :

VX0403WBS01

Tgt Ion:	156	Resp:	45011
Ion Ratio	Lower	Upper	
156	100		
77	149.7	73.4	220.2
158	96.2	48.5	145.6

Manual Integrations
APPROVED

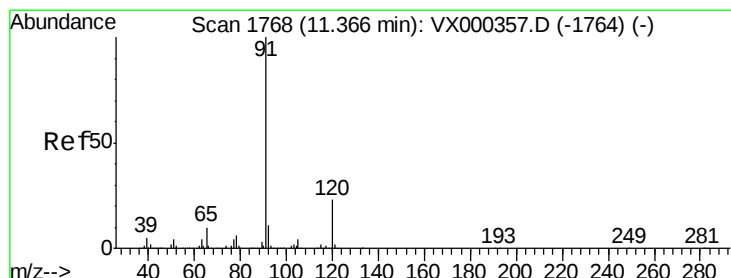
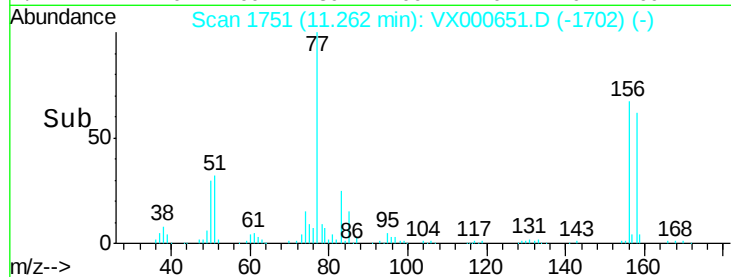
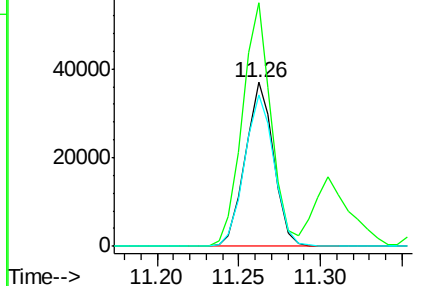
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.255 ug/l

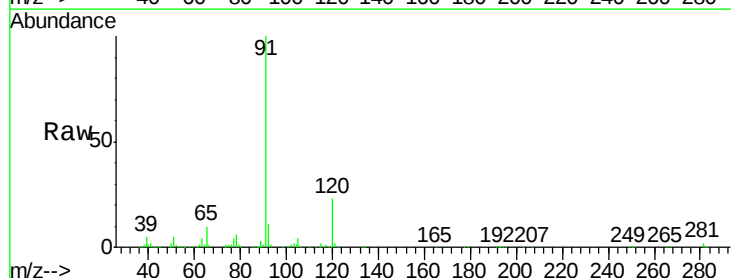
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000651.D

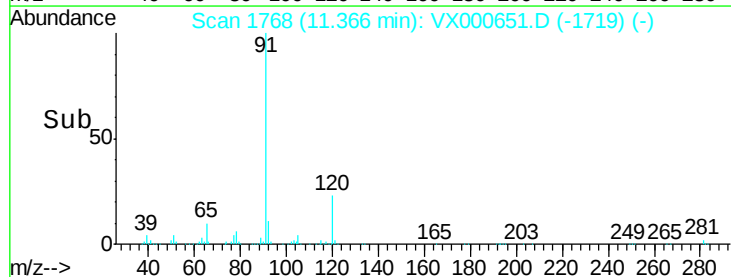
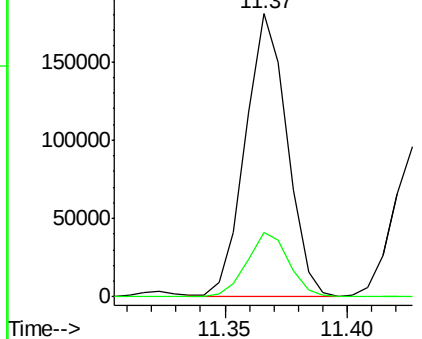
Acq: 03 Apr 2018 13:52

Tgt Ion:	91	Resp:	213438
Ion Ratio	Lower	Upper	
91	100		
120	23.0	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: 17.584 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

Tgt Ion: 91 Resp: 118774

Ion Ratio Lower Upper

91 100

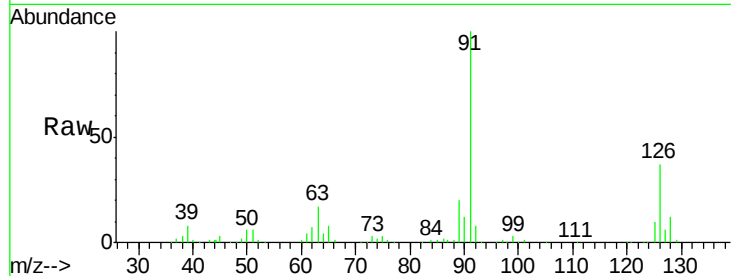
126 36.0 17.7 53.1

Manual Integrations

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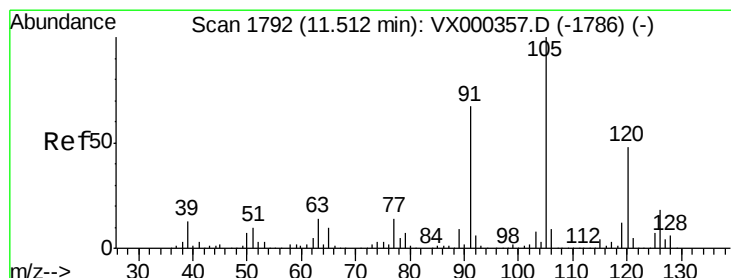
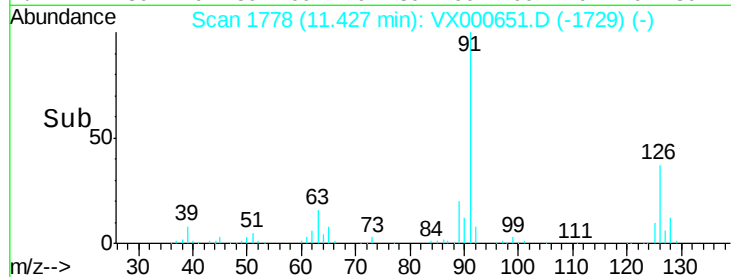
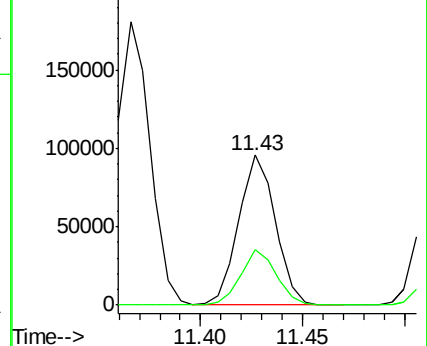
sam

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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: 18.837 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000651.D

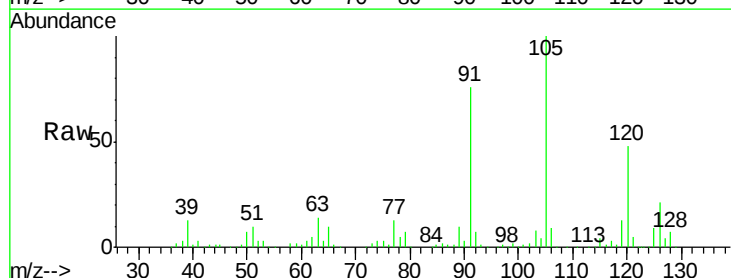
Acq: 03 Apr 2018 13:52

Tgt Ion: 105 Resp: 155306

Ion Ratio Lower Upper

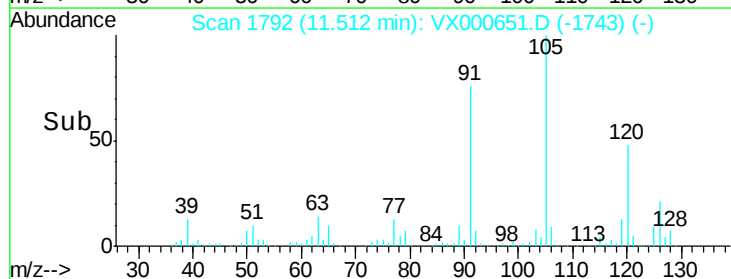
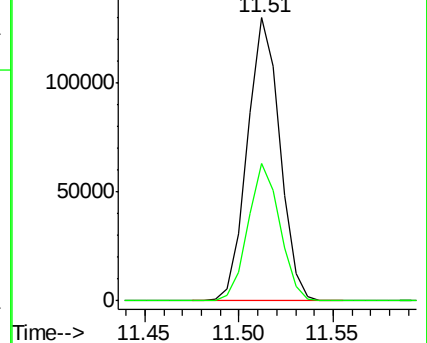
105 100

120 47.6 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) (-)





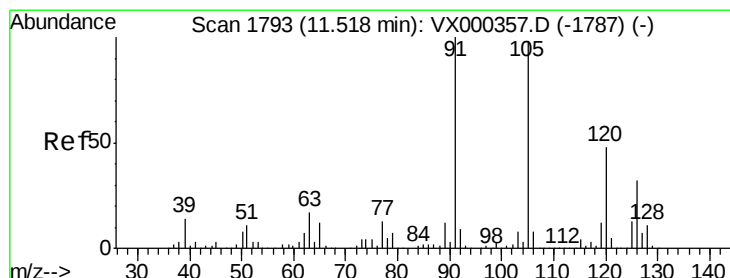
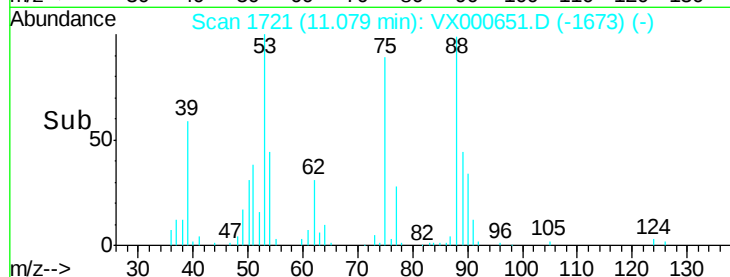
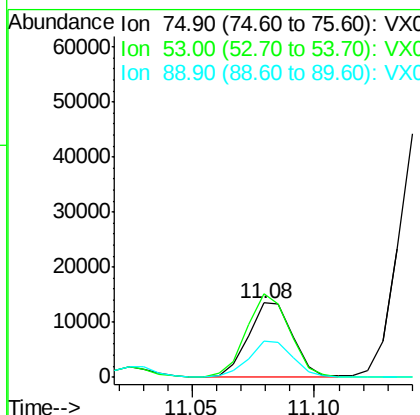
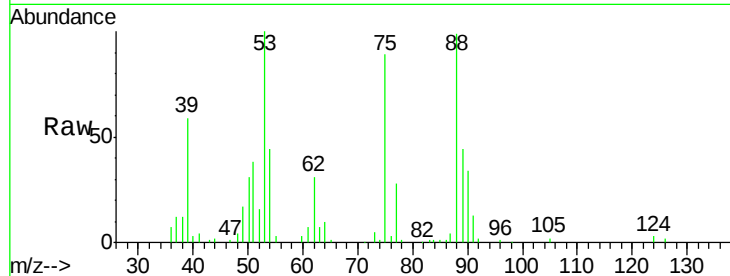
#81
trans-1,4-Dichloro-2-butene
Concen: 17.482 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.0	80.7	121.1
89	47.7	39.4	59.0

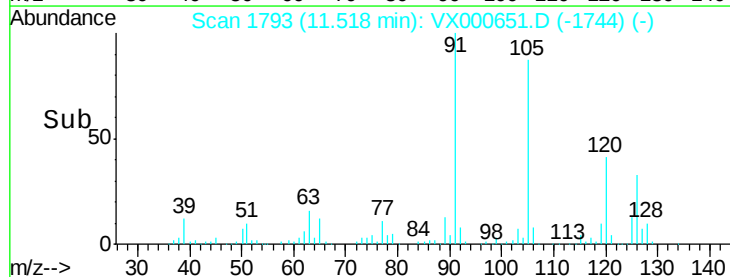
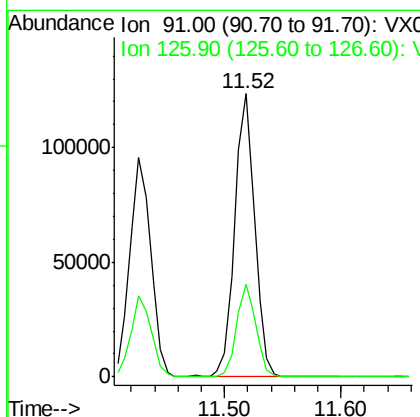
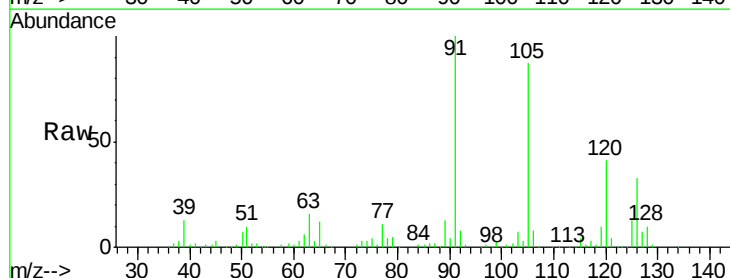
Manual Integrations
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sam
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#82
4-Chlorotoluene
Concen: 18.477 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.1





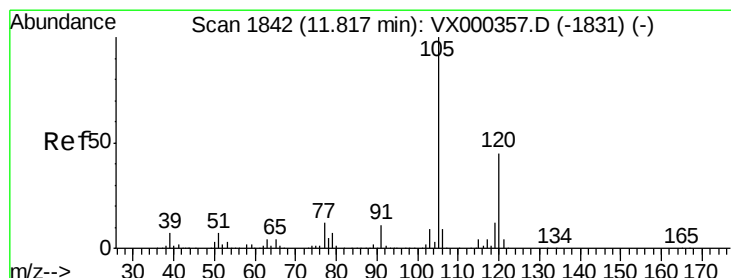
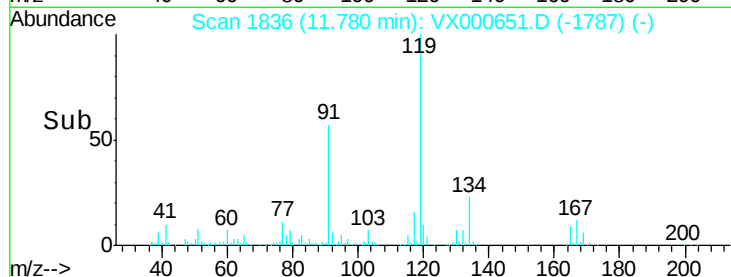
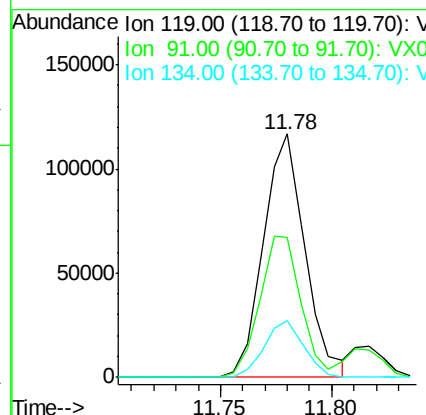
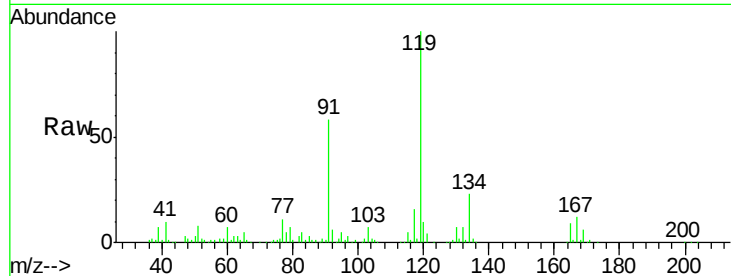
#83
 tert-Butylbenzene
 Concen: 18.222 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0403WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	151523		
91	57.6	28.8	86.4	
134	22.2	11.4	34.1	

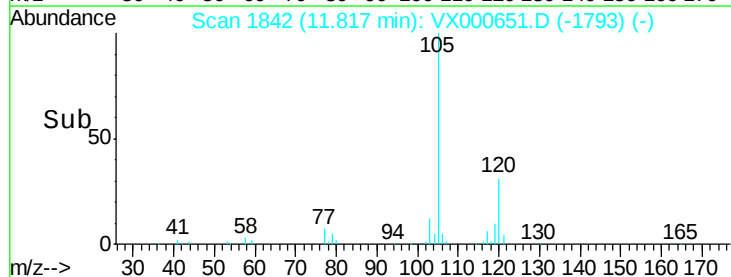
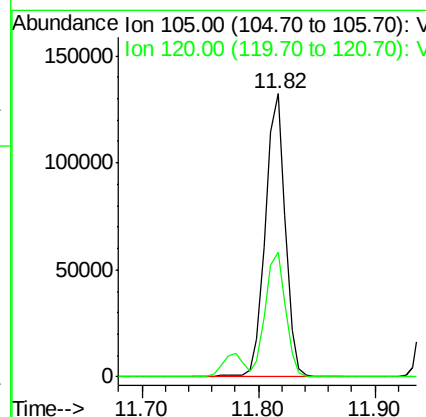
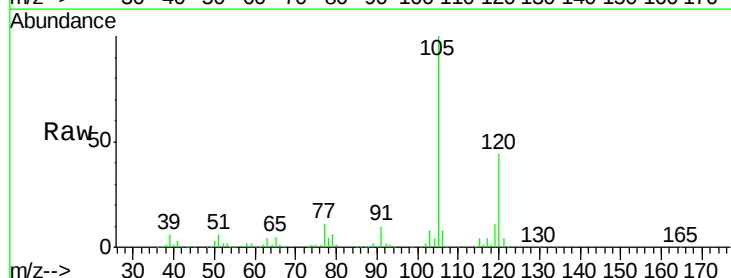
Manual Integrations
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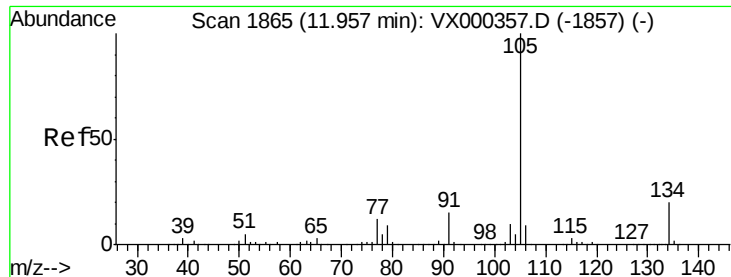
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.436 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159366		
120	44.5	22.4	67.3	





#85

sec-Butylbenzene

Concen: 18.509 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

Tgt Ion:105 Resp: 190437

Ion Ratio Lower Upper

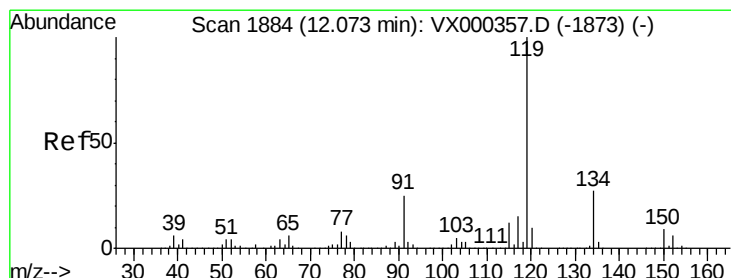
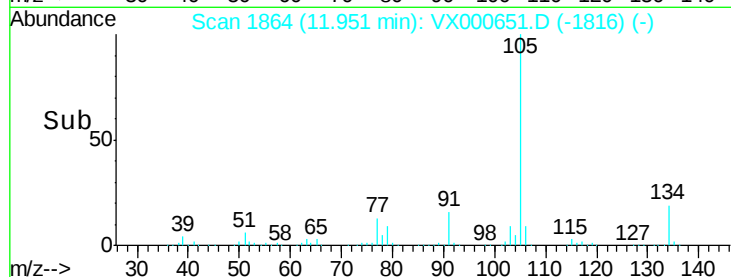
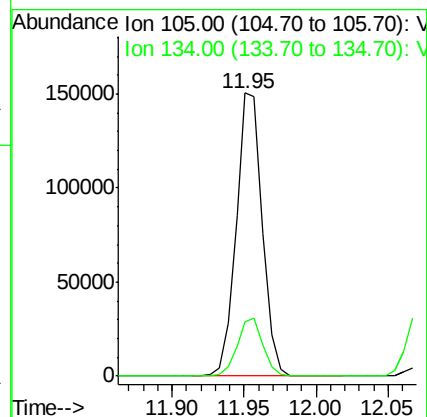
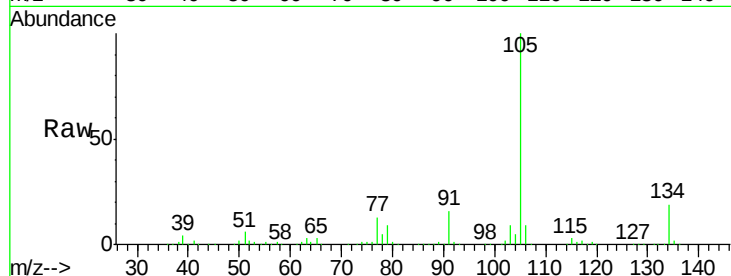
105 100

134 20.1 10.3 30.8

Manual Integrations
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sam

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#86

p-Isopropyltoluene

Concen: 18.749 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000651.D

Acq: 03 Apr 2018 13:52

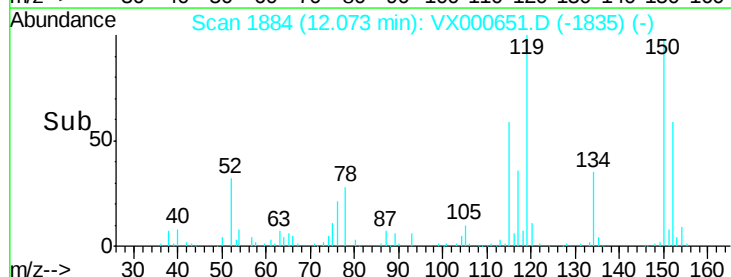
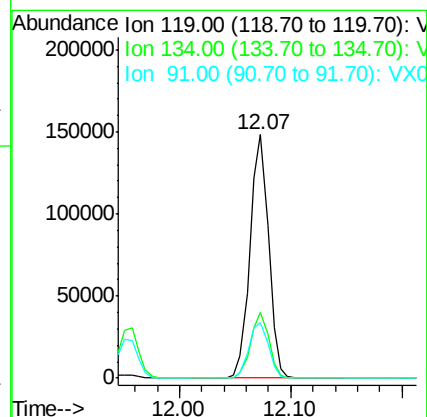
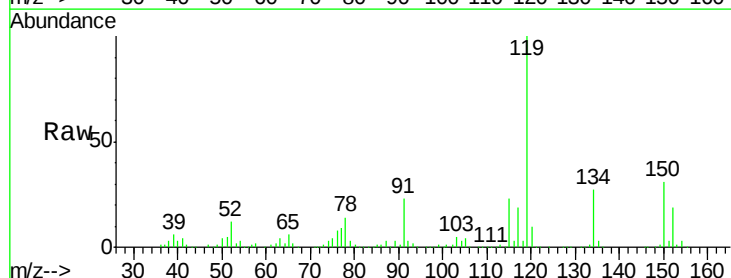
Tgt Ion:119 Resp: 171327

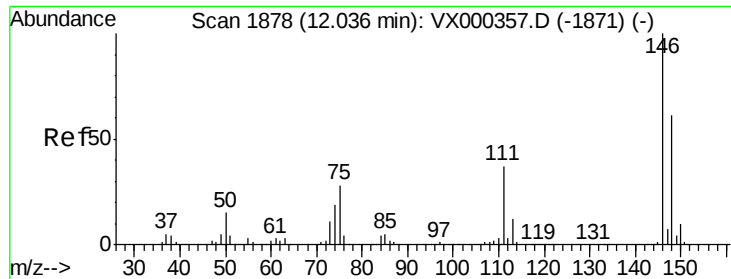
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 24.3 12.0 36.1





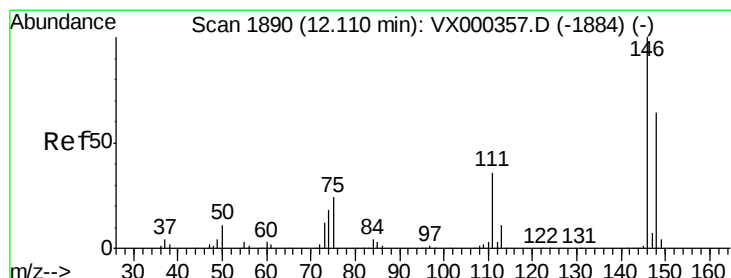
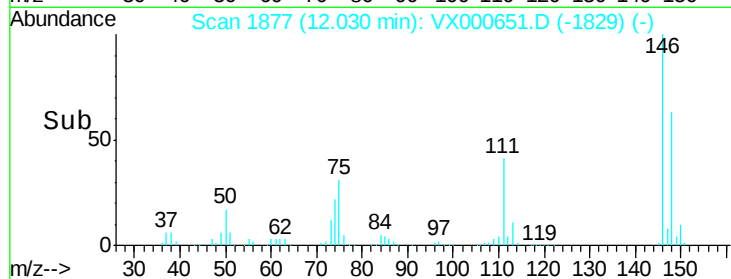
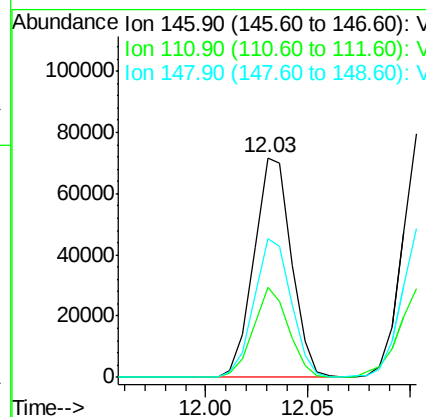
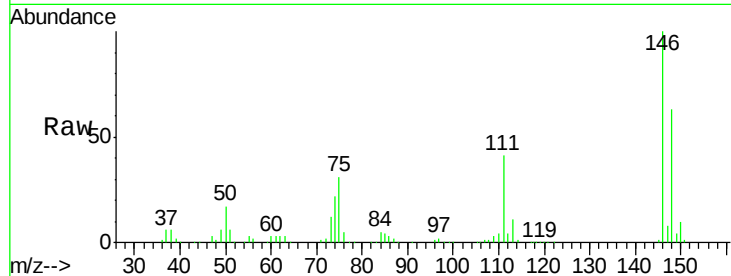
#87
 1,3-Dichlorobenzene
 Concen: 18.620 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0403WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	62.6	32.4	97.0

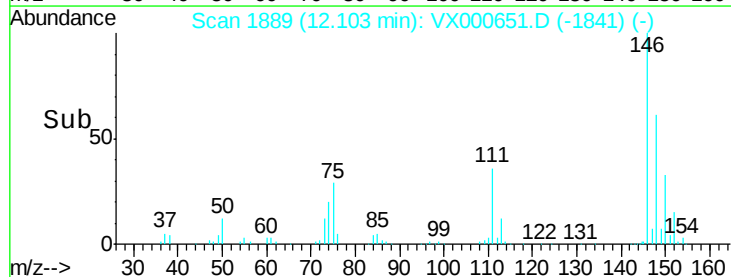
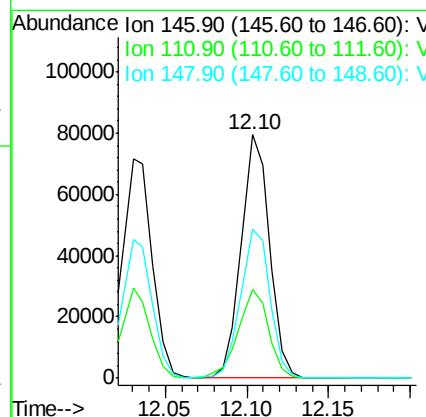
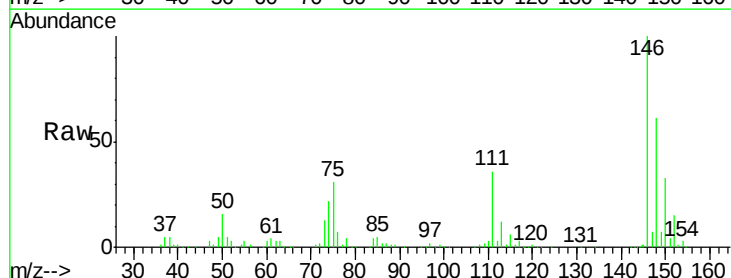
Manual Integrations
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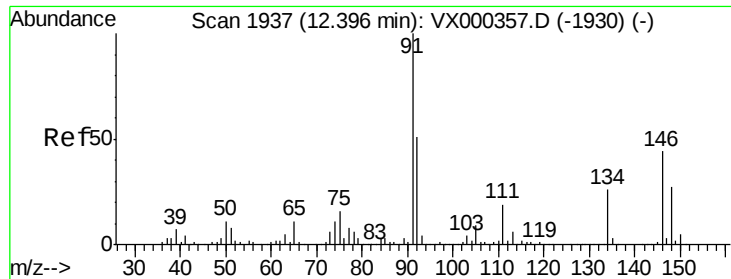
sam
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#88
 1,4-Dichlorobenzene
 Concen: 18.566 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.9	56.9
148	64.0	31.0	93.0





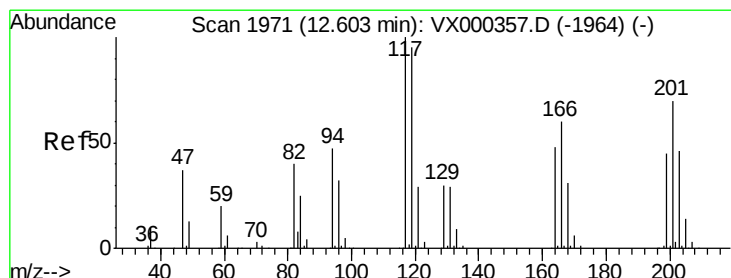
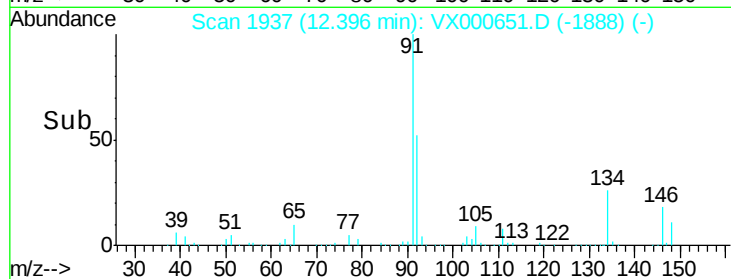
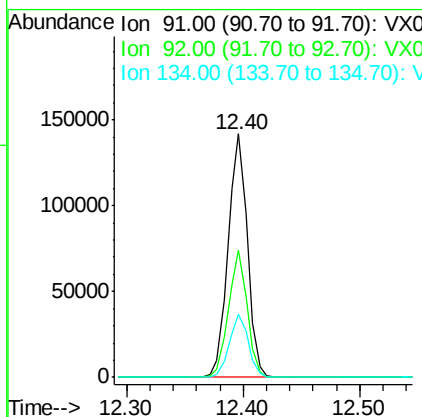
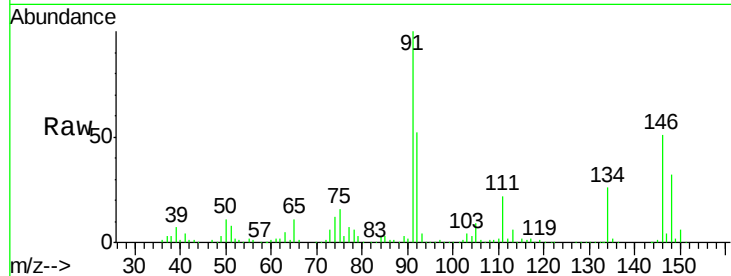
#89
n-Butylbenzene
Concen: 19.075 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	162289		
92	50.5	25.9	77.8	
134	25.6	13.1	39.3	

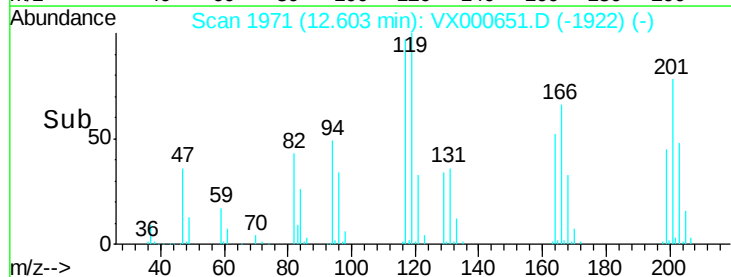
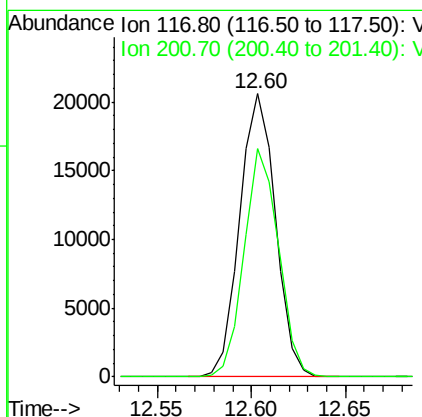
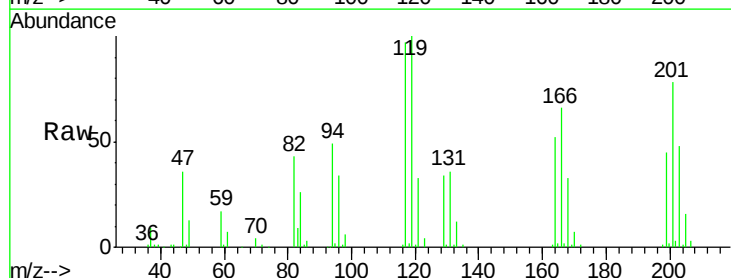
Manual Integrations
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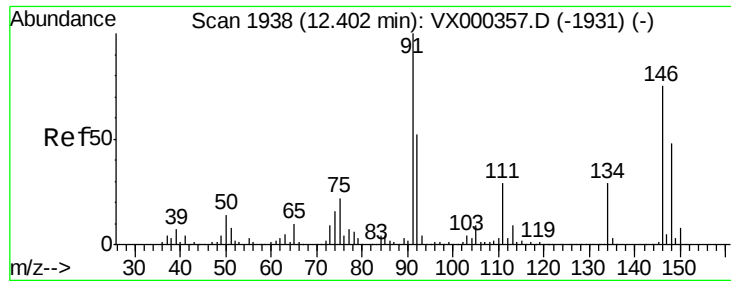
sam
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#90
Hexachloroethane
Concen: 18.834 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27089		
201	77.8	37.9	113.6	





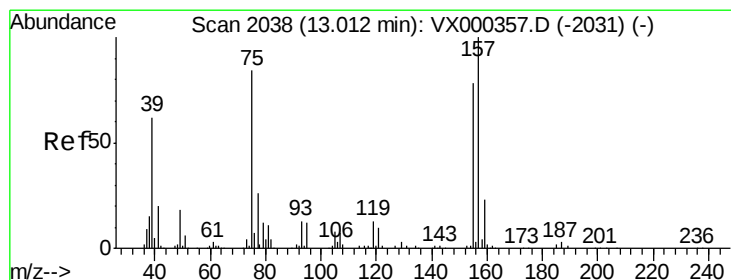
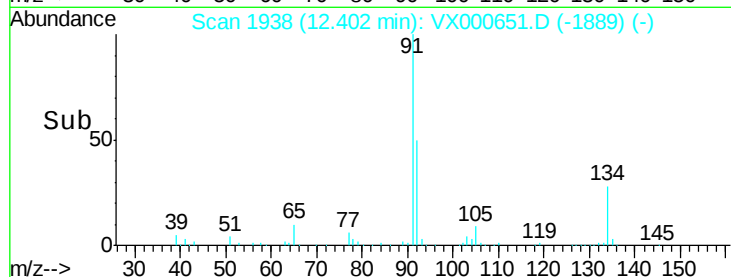
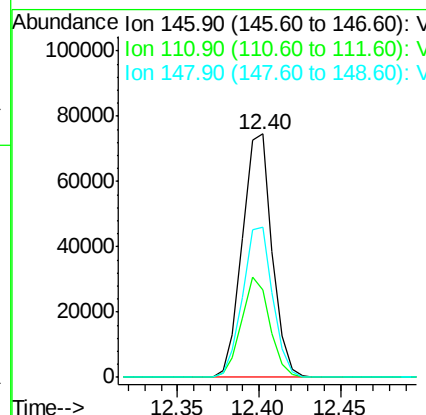
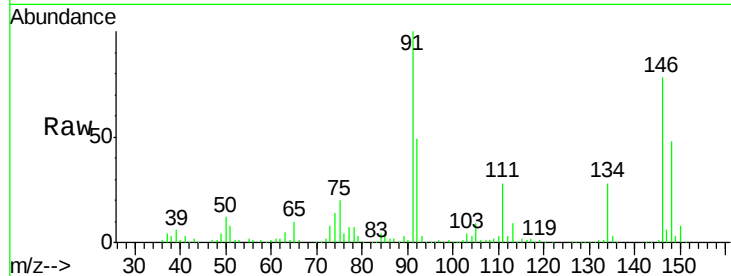
#91
 1,2-Dichlorobenzene
 Concen: 19.629 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0403WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.2
148	62.7	31.2	93.6

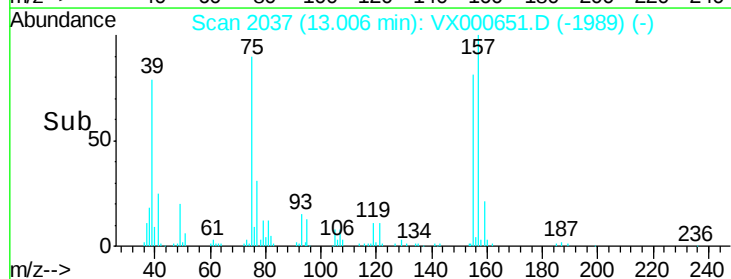
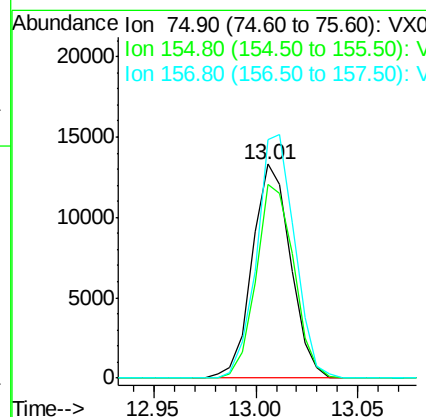
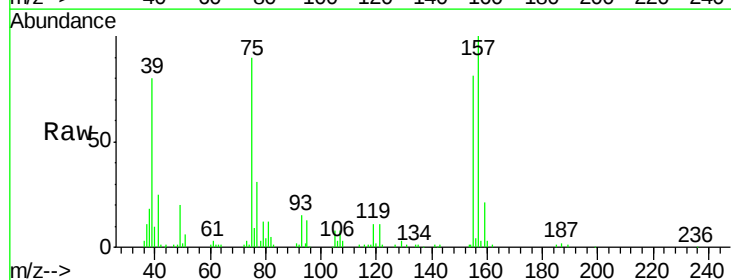
Manual Integrations
 APPROVED

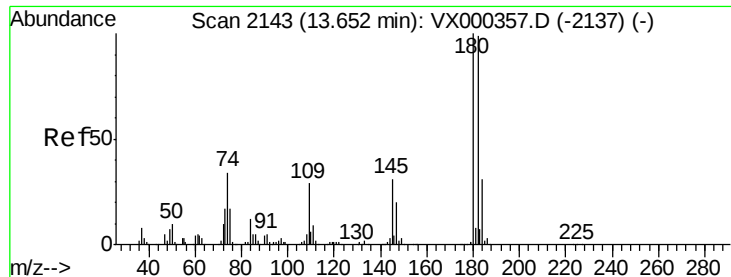
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.959 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	45.0	134.8
157	113.1	58.1	174.2





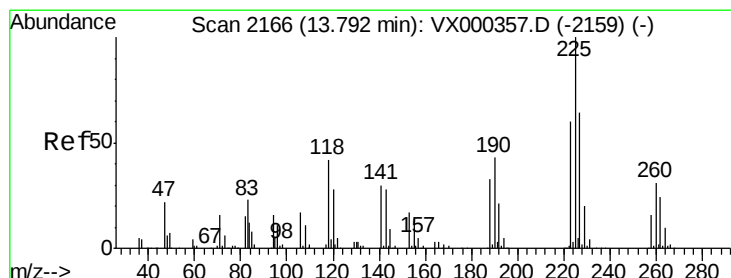
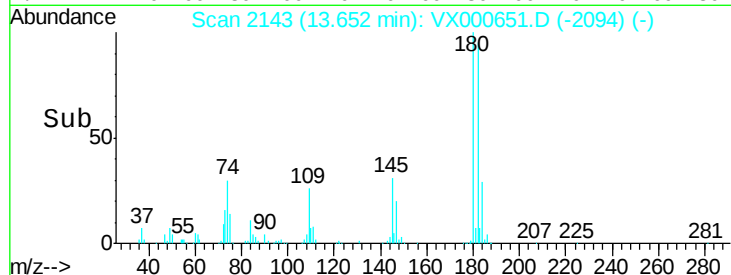
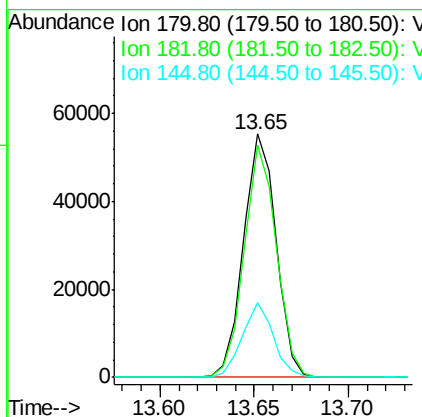
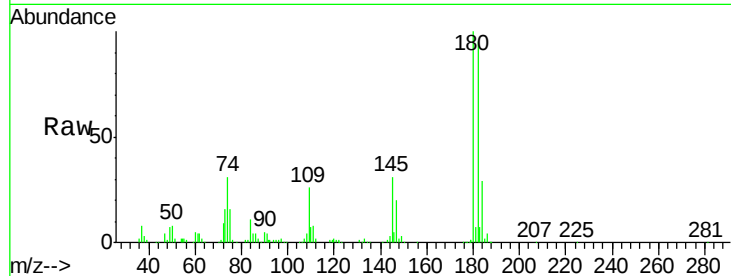
#93
 1,2,4-Trichlorobenzene
 Concen: 19.124 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Instrument :
 MSVOA_X
 ClientSampled :
 VX0403WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	66387		
182	94.2	47.6	142.9	
145	29.3	15.1	45.3	

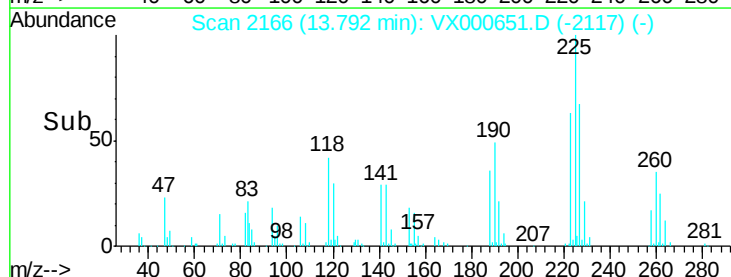
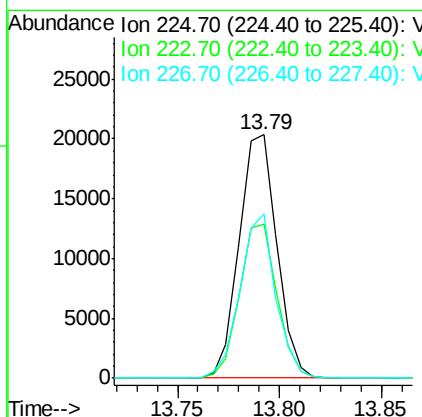
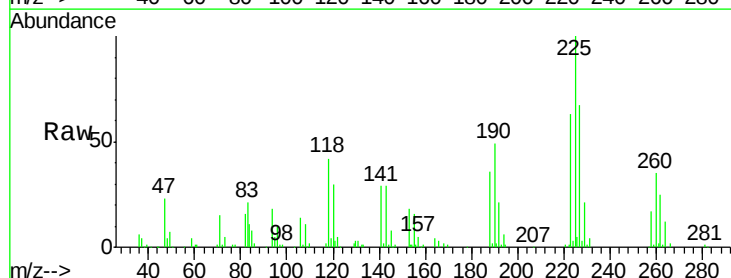
Manual Integrations
 APPROVED

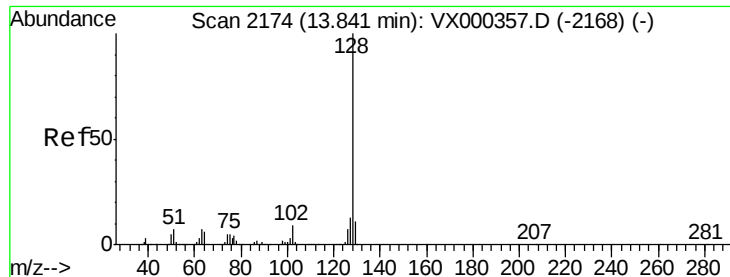
sam
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#94
 Hexachlorobutadiene
 Concen: 18.166 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000651.D
 Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26111		
223	62.8	32.0	96.0	
227	63.6	32.6	98.0	





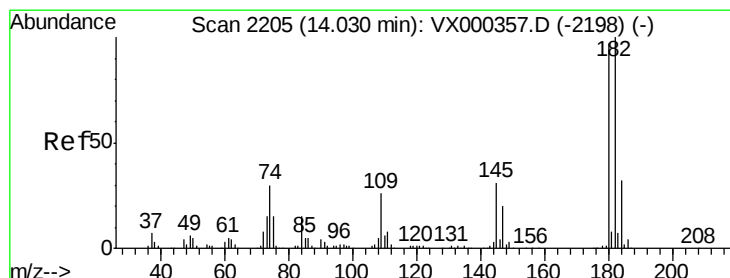
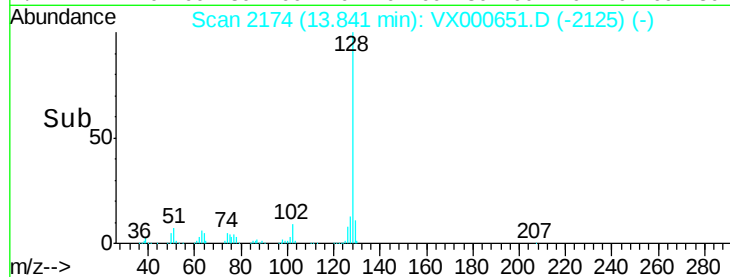
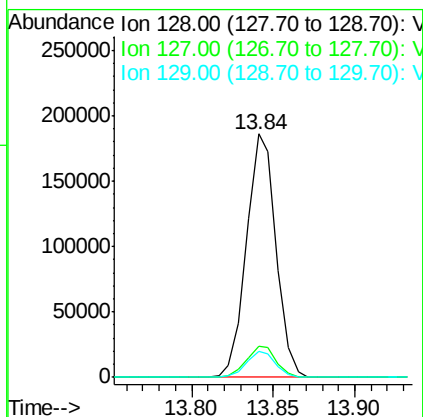
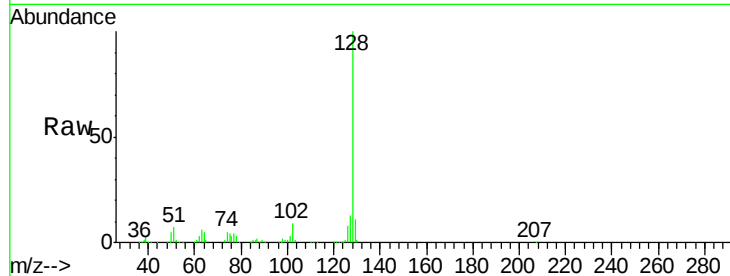
#95
Naphthalene
Concen: 19.404 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Instrument :
MSVOA_X
ClientSampled :
VX0403WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	234640		
127	12.9	10.6	15.8	
129	10.5	8.9	13.3	

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 19.394 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000651.D
Acq: 03 Apr 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	66526		
182	95.5	47.4	142.3	
145	31.9	15.8	47.3	

