

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000656.D
 Acq On : 03 Apr 2018 17:47
 Operator : JC/MD
 Sample : VX0403WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Manual Integrations
 APPROVED

sam
 4/4/2018 5:42:54 PM

Quant Time: Apr 04 03:42:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	136204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	217247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152635	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	78429	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.51	113	61454	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	8.72	98	258063	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
62) 4-Bromofluorobenzene	11.14	95	107906	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	24859	16.561	ug/l	95
3) Chloromethane	1.32	50	24942	15.772	ug/l	98
4) Vinyl Chloride	1.41	62	31044	18.579	ug/l	98
5) Bromomethane	1.64	94	27436	13.748	ug/l	95
6) Chloroethane	1.73	64	21145	22.224	ug/l	97
7) Trichlorofluoromethane	1.93	101	54264	17.992	ug/l	99
8) Diethyl Ether	2.19	74	19688	18.267	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31146	18.520	ug/l	95
10) Methyl Iodide	2.51	142	14986	12.500	ug/l	99
11) Tert butyl alcohol	3.06	59	54916	89.795	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26183	17.735	ug/l	91
13) Acrolein	2.29	56	21449	118.017	ug/l	99
14) Allyl chloride	2.73	41	48989	18.724	ug/l	97
15) Acrylonitrile	3.15	53	114296	92.274	ug/l	100
16) Acetone	2.44	43	138098	93.371	ug/l	99
17) Carbon Disulfide	2.57	76	64058	16.322	ug/l	97
18) Methyl Acetate	2.78	43	58220	18.776	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	100859	18.472	ug/l	95
20) Methylene Chloride	2.86	84	32154	18.822	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28858	17.523	ug/l	96
22) Diisopropyl ether	3.87	45	99291	21.515	ug/l	95
23) Vinyl Acetate	3.82	43	473957	108.331	ug/l	98
24) 1,1-Dichloroethane	3.71	63	55800	19.231	ug/l	98
25) 2-Butanone	4.70	43	152541	91.757	ug/l	98
26) 2,2-Dichloropropane	4.59	77	37784	18.579	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	28228	18.340	ug/l	100
28) Bromochloromethane	5.03	49	23550	19.682	ug/l	99
29) Tetrahydrofuran	5.17	42	95333	93.204	ug/l	99
30) Chloroform	5.22	83	52956	19.474	ug/l	93
31) Cyclohexane	5.58	56	38992	17.383	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	45886	18.704	ug/l	97
36) 1,1-Dichloropropene	5.81	75	39176	19.251	ug/l	99
37) Ethyl Acetate	4.86	43	52102	18.744	ug/l	98
38) Carbon Tetrachloride	5.79	117	38660	18.109	ug/l	97

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	46716	18.876	ug/l	93
40) Benzene	6.15	78	112663	19.064	ug/l	100
41) Methacrylonitrile	5.06	41	26685	18.209	ug/l	97
42) 1,2-Dichloroethane	6.20	62	44394	19.146	ug/l	99
43) Isopropyl Acetate	6.47	43	79688	19.259	ug/l	99
44) Trichloroethene	7.22	130	34344	20.286	ug/l	96
45) 1,2-Dichloropropane	7.52	63	31185	20.616	ug/l	93
46) Dibromomethane	7.67	93	24016	20.227	ug/l	99
47) Bromodichloromethane	7.90	83	42498	20.343	ug/l	97
48) Methyl methacrylate	7.78	41	39788	19.807	ug/l	98
49) 1,4-Dioxane	7.76	88	16358	387.401	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	330013	103.040	ug/l	97
52) Toluene	8.79	92	83158	20.128	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	47633	19.677	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	48771	20.770	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	35598	20.953	ug/l	95
56) Ethyl methacrylate	9.19	69	51484	19.998	ug/l	99
57) 1,3-Dichloropropane	9.38	76	56826	20.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	91858	74.343	ug/l	98
59) 2-Hexanone	9.51	43	279426	102.749	ug/l	99
60) Dibromochloromethane	9.59	129	36672	20.855	ug/l	98
61) 1,2-Dibromoethane	9.68	107	39178	21.504	ug/l	97
64) Tetrachloroethene	9.34	164	34809	19.001	ug/l	97
65) Chlorobenzene	10.15	112	102538	19.517	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	34842	19.527	ug/l	97
67) Ethyl Benzene	10.26	91	172625	19.383	ug/l	100
68) m/p-Xylenes	10.37	106	134431	38.360	ug/l	99
69) o-Xylene	10.71	106	66335	19.550	ug/l	100
70) Styrene	10.72	104	111308	19.825	ug/l	99
71) Bromoform	10.87	173	29592	19.168	ug/l #	97
73) Isopropylbenzene	11.02	105	185090	18.302	ug/l	100
74) N-amyl acetate	6.47	43	79688	15.827	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66948	18.716	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	61386m	18.714	ug/l	
77) Bromobenzene	11.26	156	46853	17.391	ug/l	99
78) n-propylbenzene	11.37	91	231552	19.202	ug/l	100
79) 2-Chlorotoluene	11.43	91	127115	18.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	157626	18.537	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	17507	17.279	ug/l	93
82) 4-Chlorotoluene	11.52	91	156729	18.843	ug/l	100
83) tert-Butylbenzene	11.77	119	156472	18.245	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	167558	18.794	ug/l	99
85) sec-Butylbenzene	11.95	105	203195	19.149	ug/l	100
86) p-Isopropyltoluene	12.07	119	181738	19.284	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	95102	18.670	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	101914	19.056	ug/l	97
89) n-Butylbenzene	12.40	91	182962	20.851	ug/l	99
90) Hexachloroethane	12.60	117	28206	19.015	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	96986	19.420	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18228	18.272	ug/l	99

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Instrument :
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ClientSampleId :
VX0403WBSD01

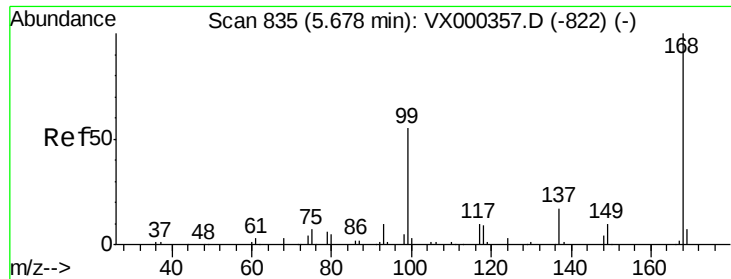
Manual Integrations
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Quant Time: Apr 04 03:42:06 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73163	20.435	ug/l	99
94) Hexachlorobutadiene	13.79	225	29491	19.894	ug/l	97
95) Naphthalene	13.84	128	246208	19.741	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	72806	20.580	ug/l	100

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



#1

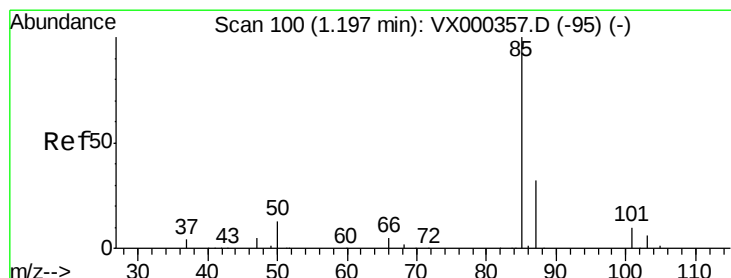
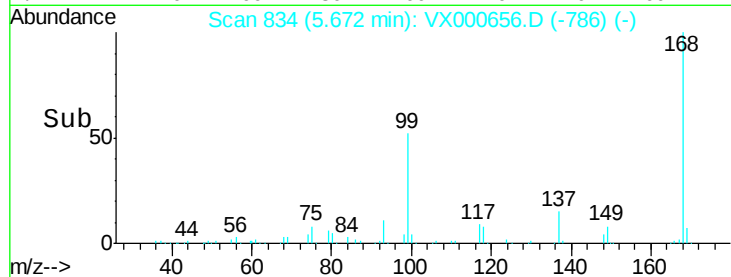
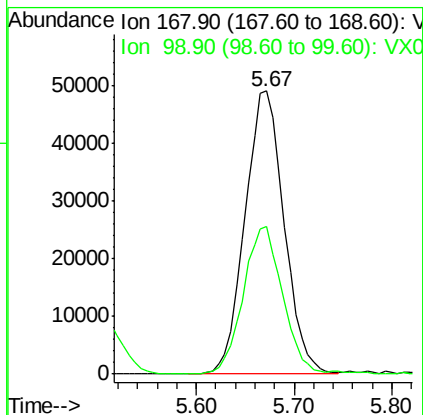
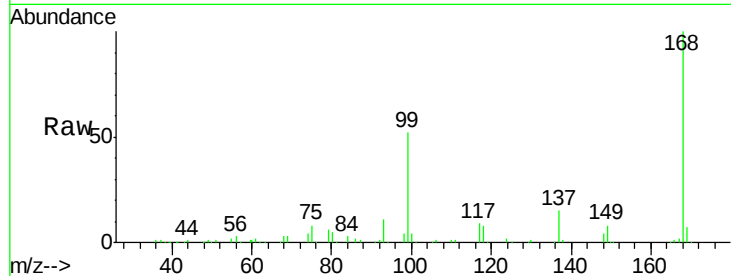
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	51.8	45.8	68.6

Manual Integrations
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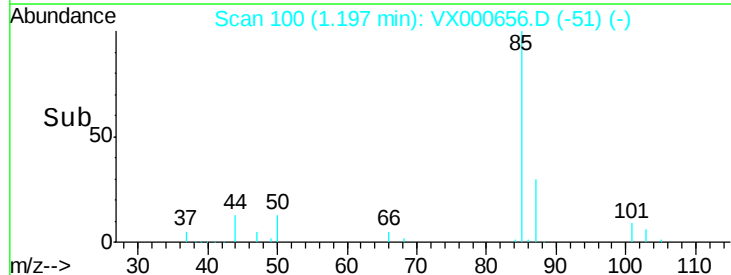
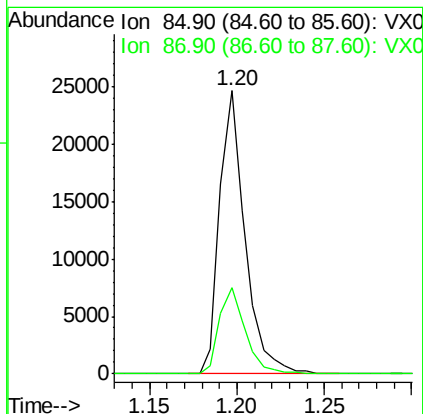
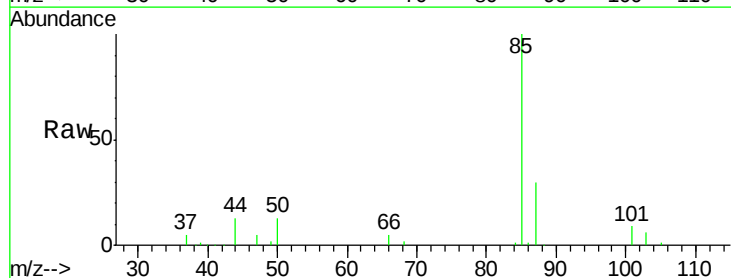
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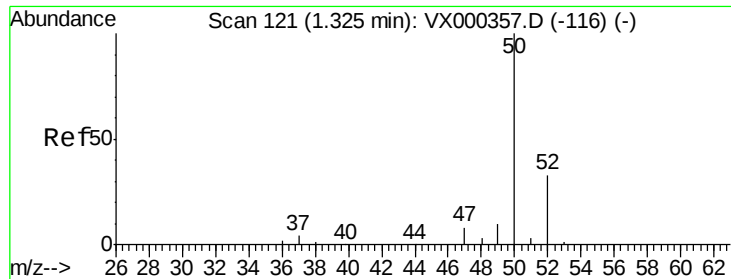


#2

Dichlorodifluoromethane
 Concen: 16.561 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.8	50.3





#3

Chloromethane

Concen: 15.772 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

Tgt Ion: 50 Resp: 24942

Ion Ratio Lower Upper

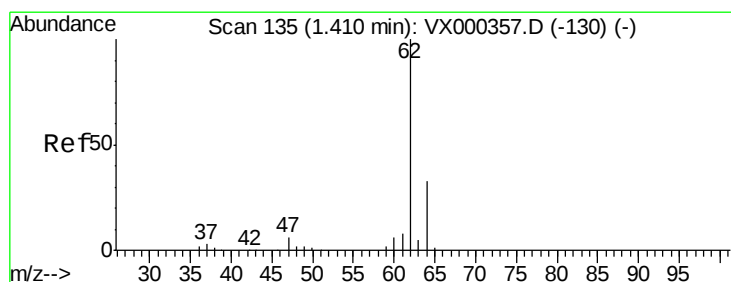
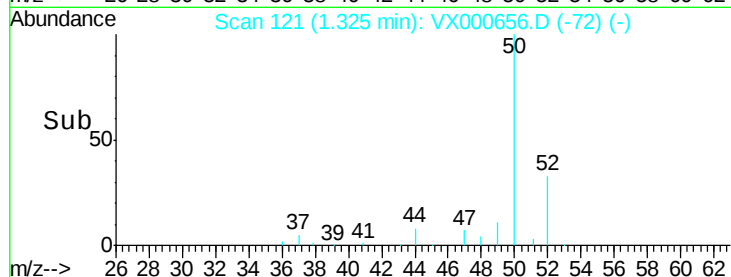
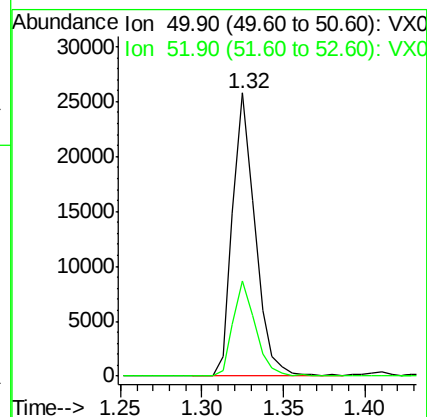
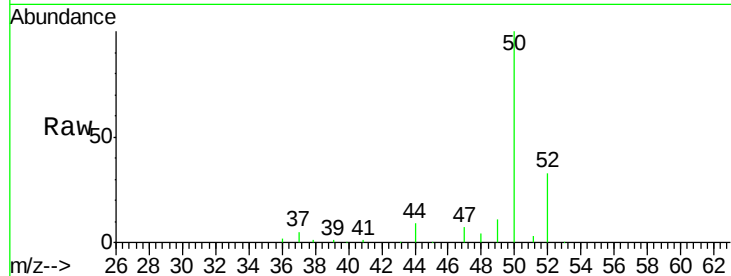
50 100

52 33.5 27.5 41.3

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#4

Vinyl Chloride

Concen: 18.579 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000656.D

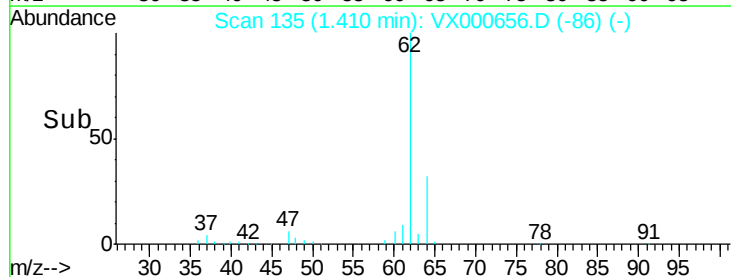
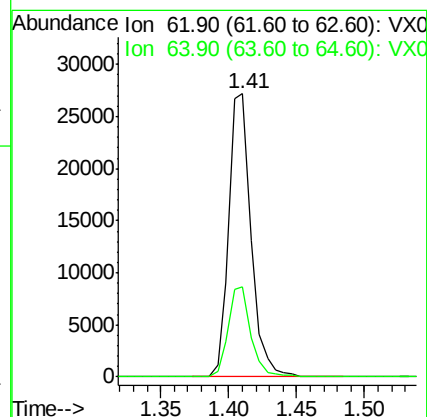
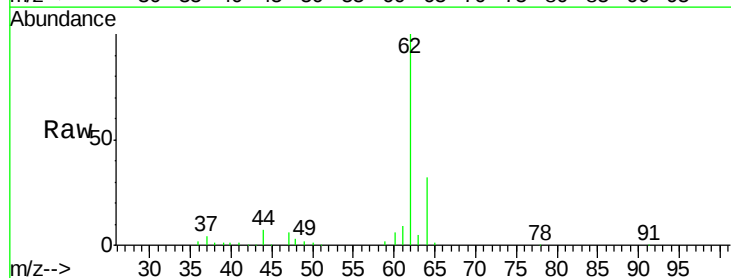
Acq: 03 Apr 2018 17:47

Tgt Ion: 62 Resp: 31044

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 13.748 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

Tgt Ion: 94 Resp: 27436

Ion Ratio Lower Upper

94 100

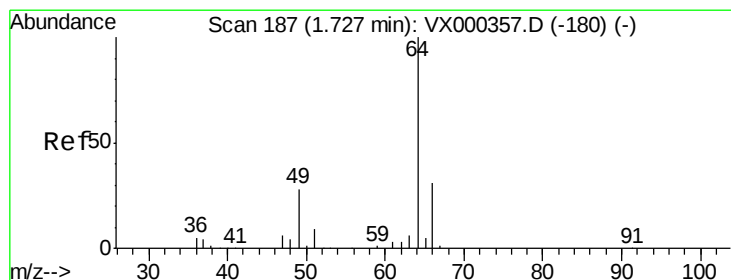
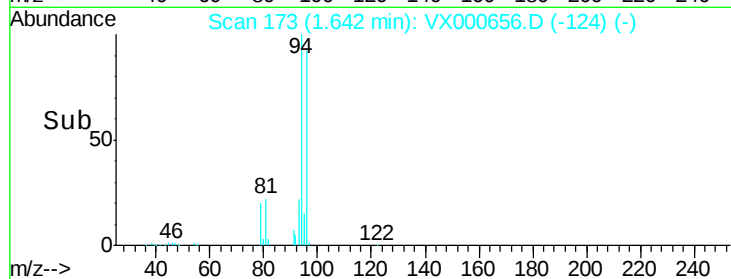
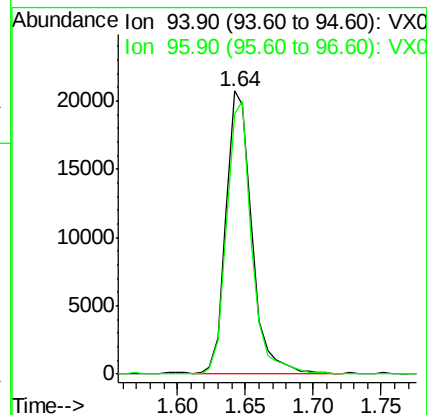
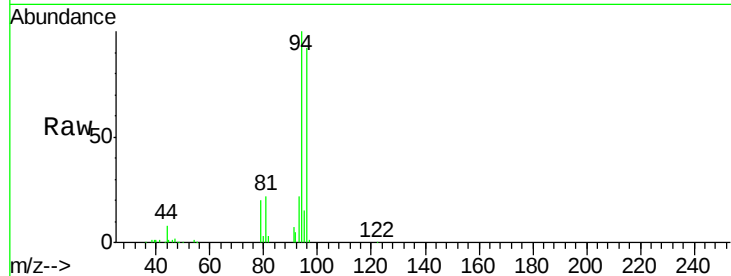
96 91.7 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 22.224 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000656.D

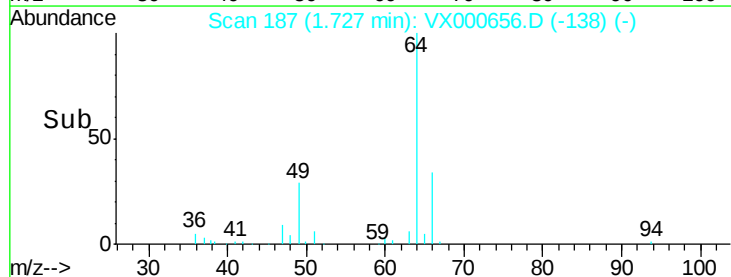
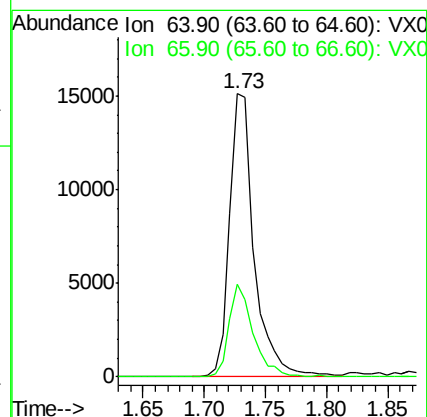
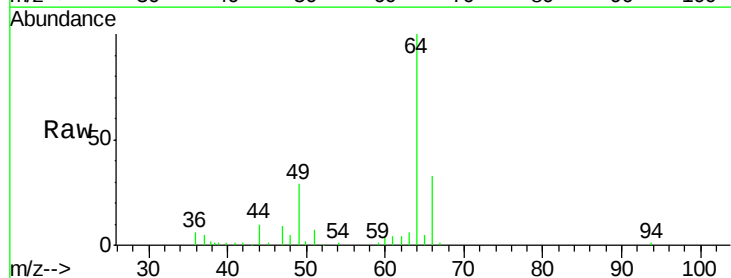
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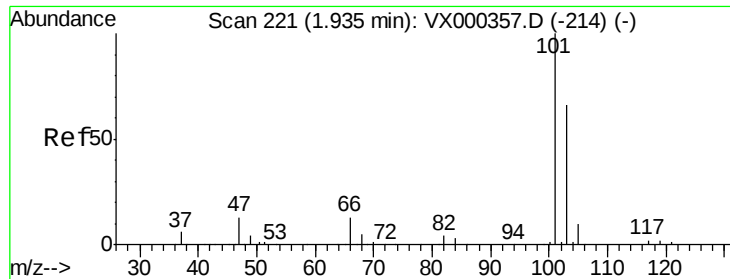
Tgt Ion: 64 Resp: 21145

Ion Ratio Lower Upper

64 100

66 32.6 24.8 37.2





#7

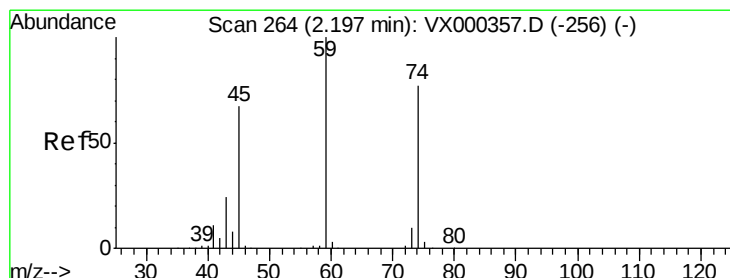
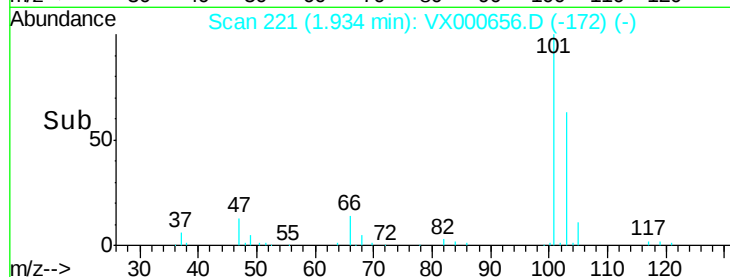
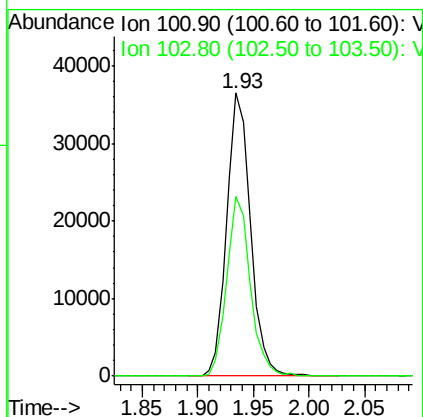
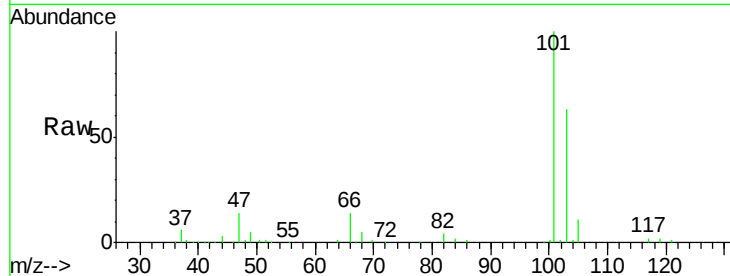
Trichlorofluoromethane
Concen: 17.992 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
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ClientSampleId :
VX0403WBSD01

Tgt Ion: 101 Resp: 54264
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4

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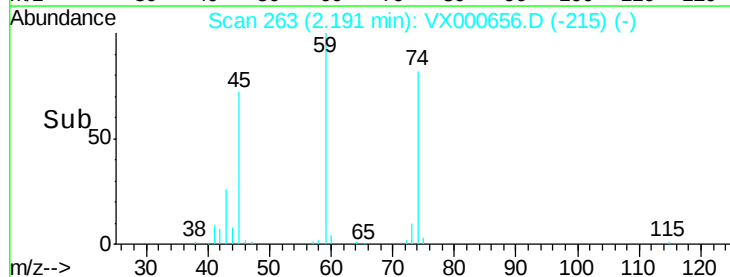
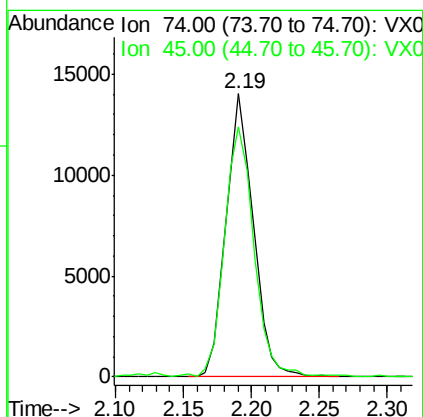
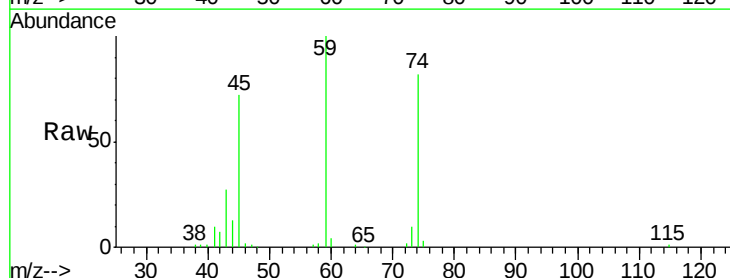
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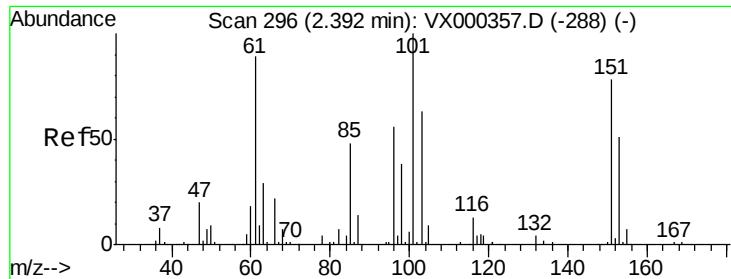


#8

Diethyl Ether
Concen: 18.267 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 74 Resp: 19688
Ion Ratio Lower Upper
74 100
45 95.4 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.520 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

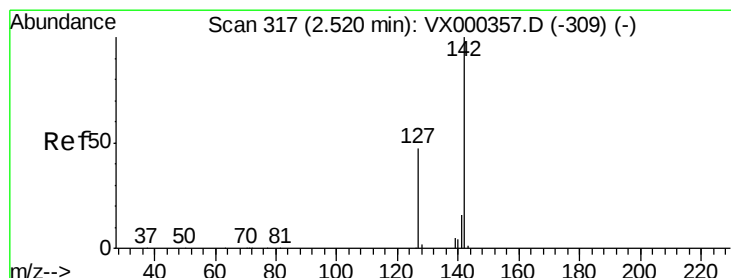
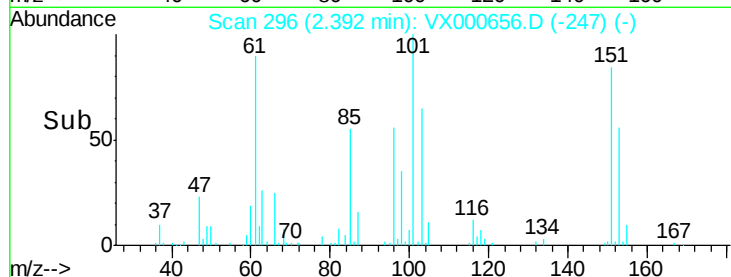
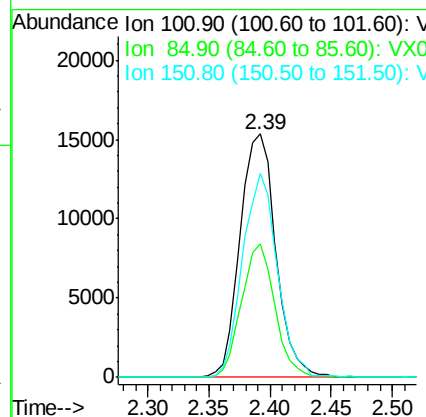
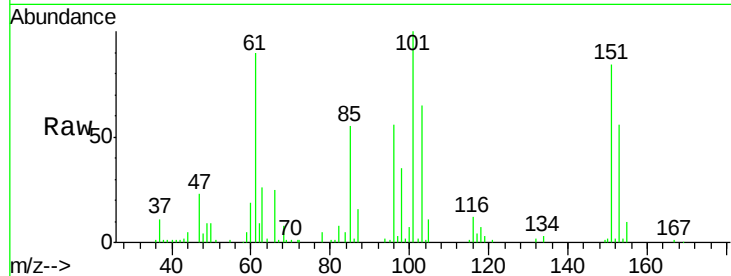
ClientSampleId :

VX0403WBSD01

Tgt Ion:	101	Resp:	31146
Ion Ratio	Lower	Upper	
101	100		
85	51.2	37.6	56.4
151	81.9	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 12.500 ug/l

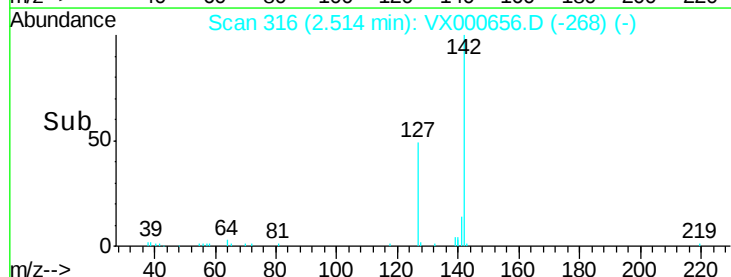
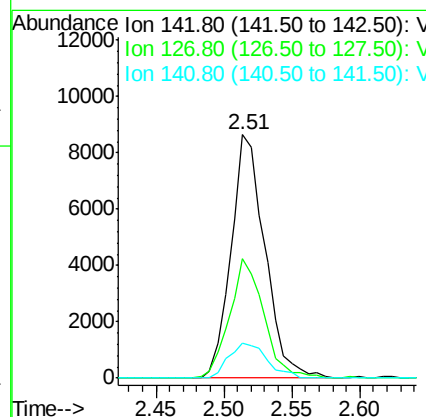
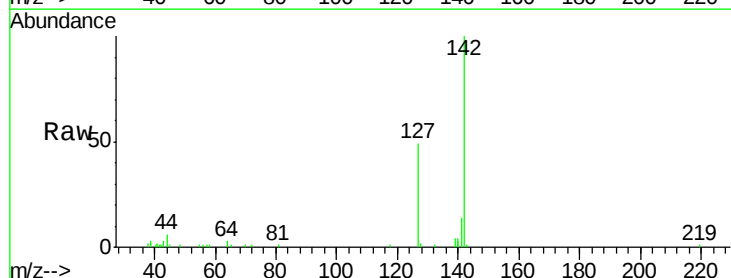
RT: 2.51 min Scan# 316

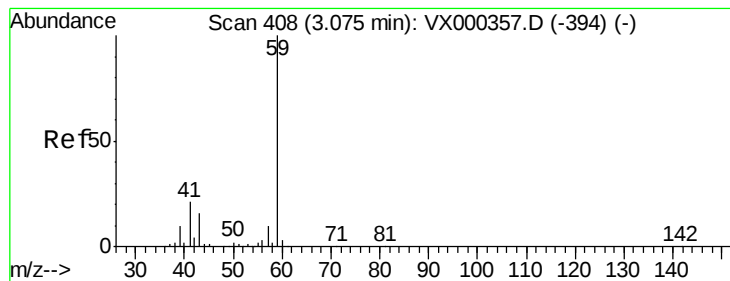
Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion:	142	Resp:	14986
Ion Ratio	Lower	Upper	
142	100		
127	49.3	39.2	58.8
141	16.1	11.7	17.5





#11

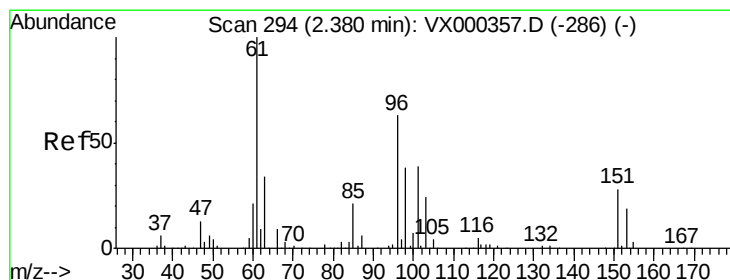
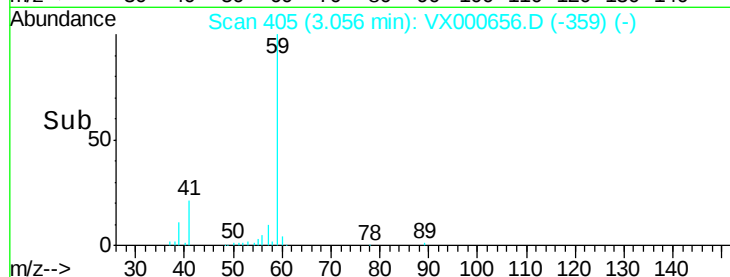
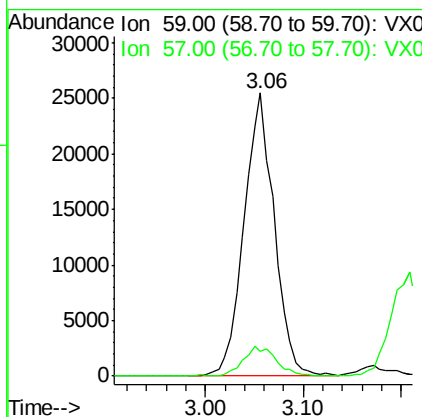
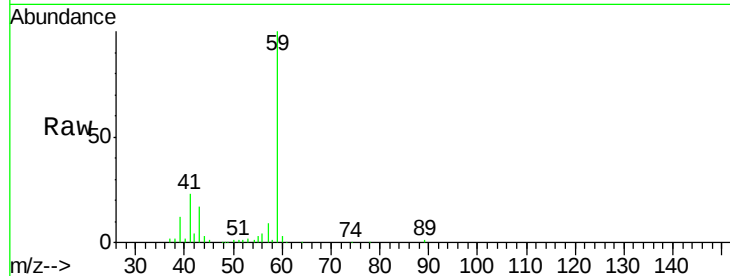
Tert butyl alcohol
 Concen: 89.795 ug/l
 RT: 3.06 min Scan# 405
 Delta R.T. -0.02 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.4	12.6

Manual Integrations
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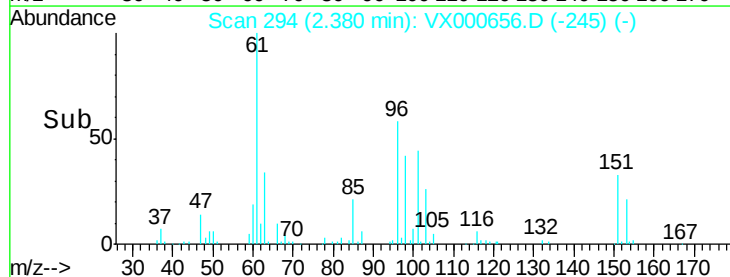
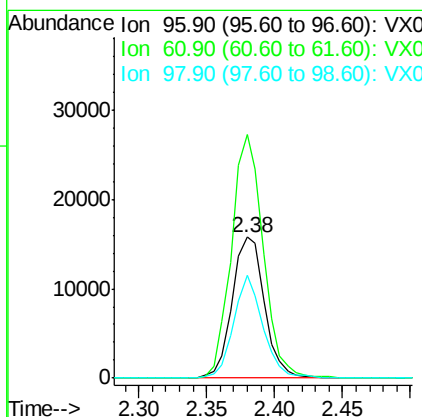
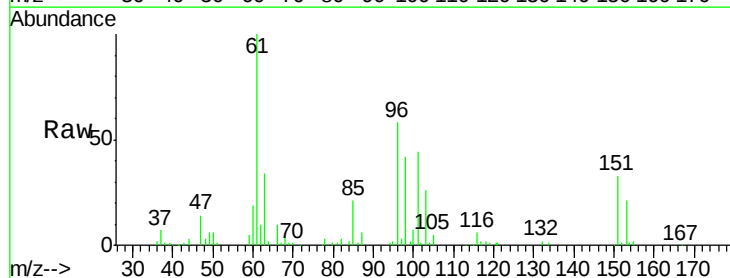
sam
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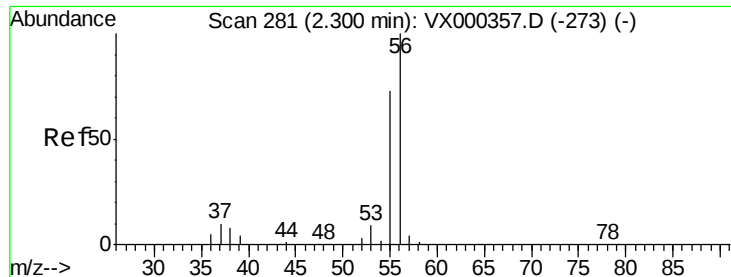


#12

1,1-Dichloroethene
 Concen: 17.735 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.8	131.2	196.8
98	72.9	49.8	74.8





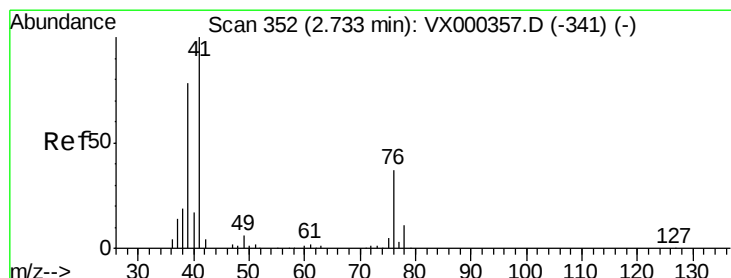
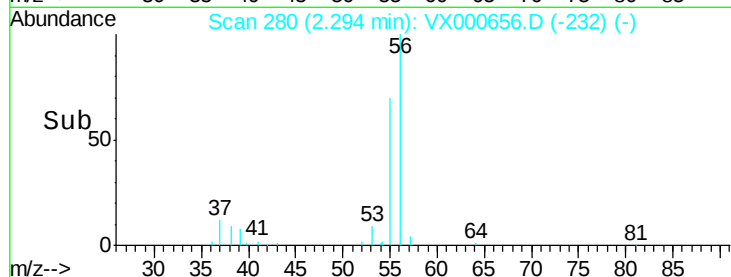
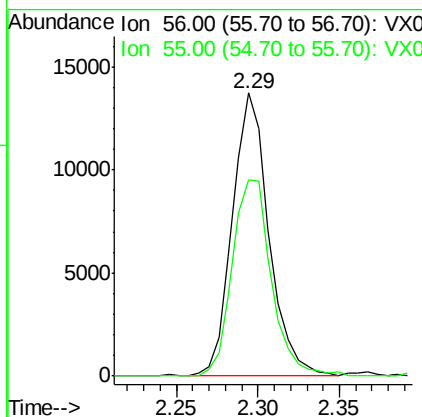
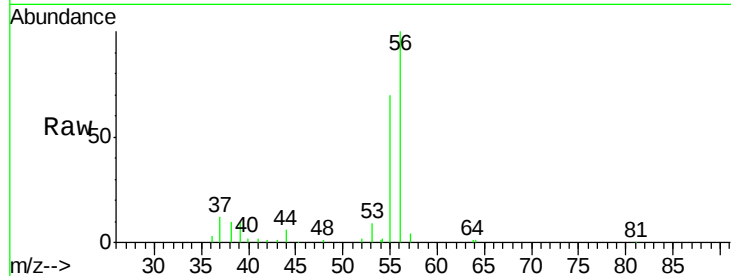
#13
Acrolein
Concen: 118.017 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	74.2	58.8	88.2

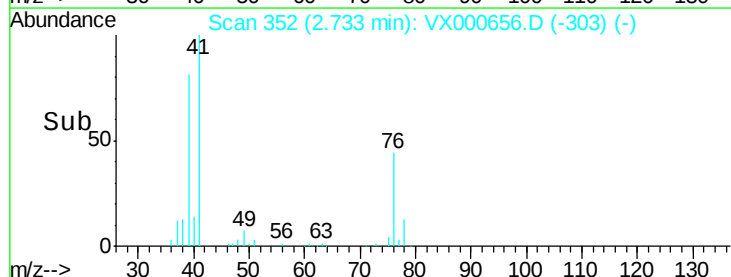
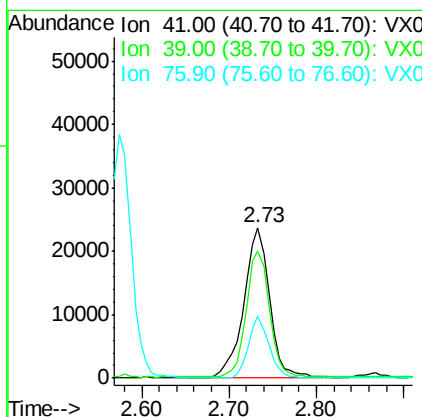
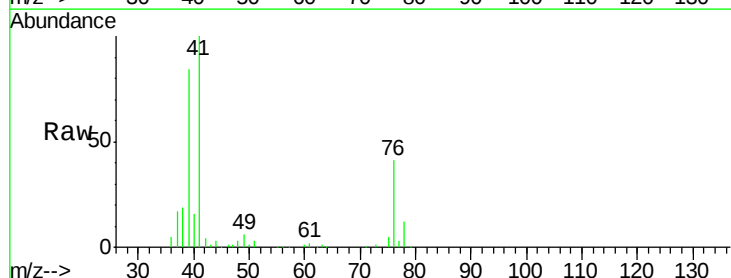
Manual Integrations
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sam
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#14
Allyl chloride
Concen: 18.724 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.2	57.6	86.4
76	32.3	27.3	40.9





#15

Acrylonitrile

Concen: 92.274 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

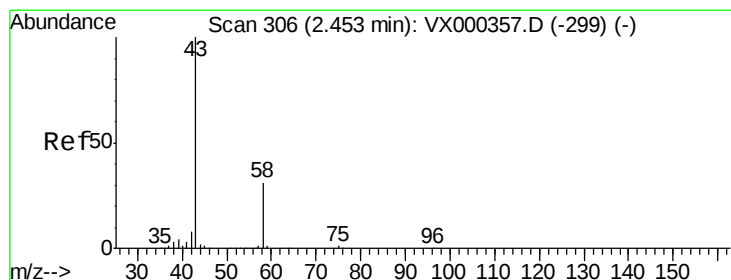
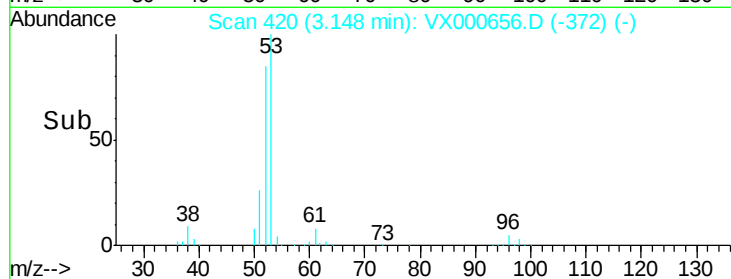
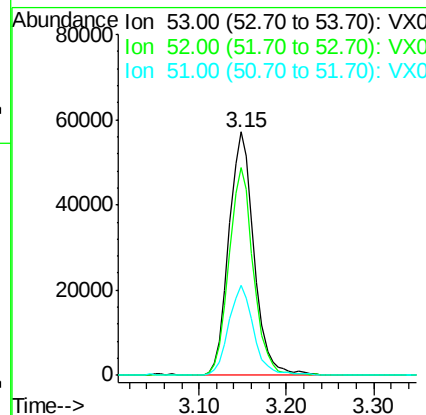
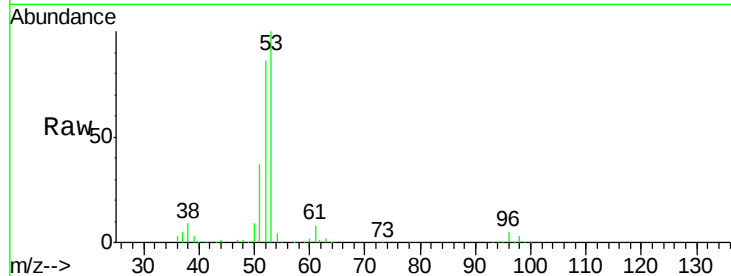
ClientSampleId :

VX0403WBSD01

Tgt Ion:	53	Resp:	114296
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.6	99.8
51	36.8	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 93.371 ug/l

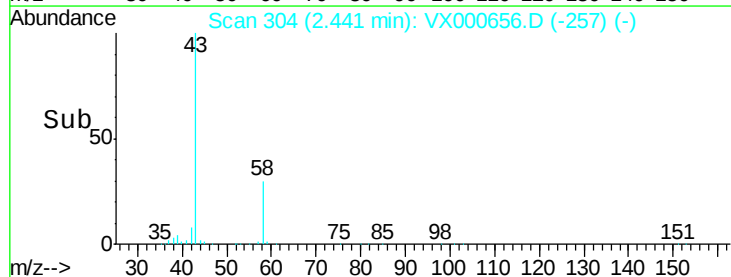
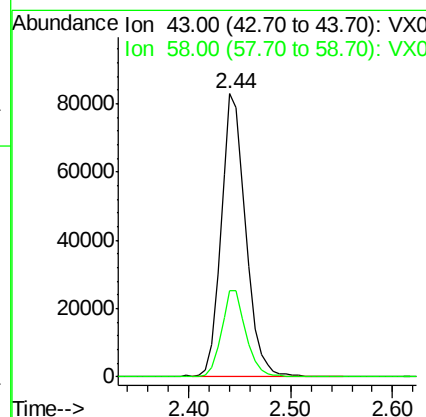
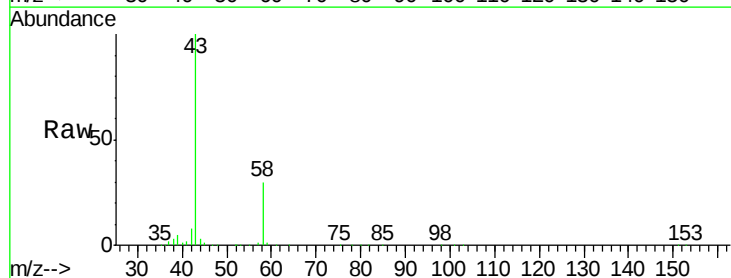
RT: 2.44 min Scan# 304

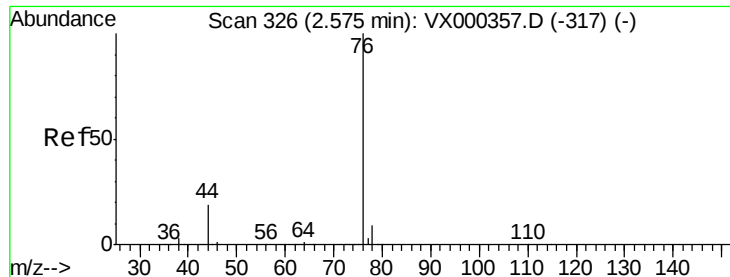
Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion:	43	Resp:	138098
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.7	37.1





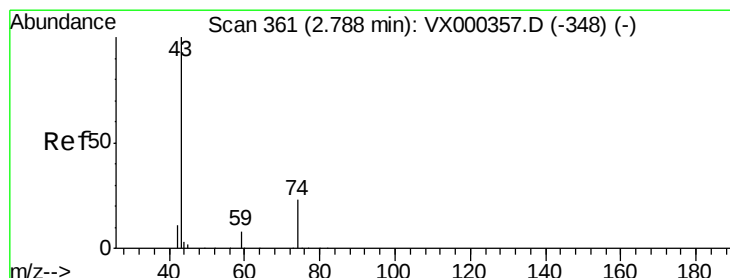
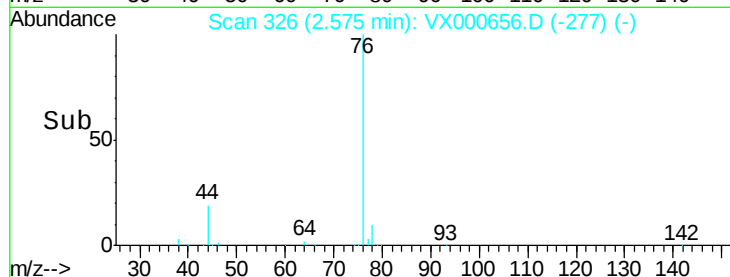
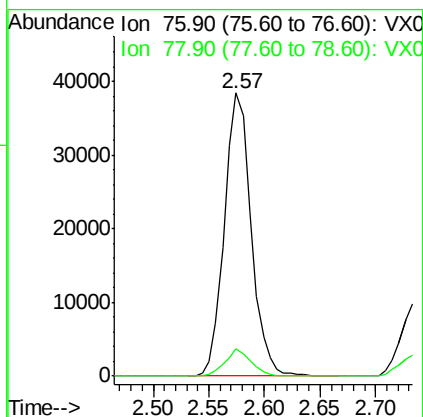
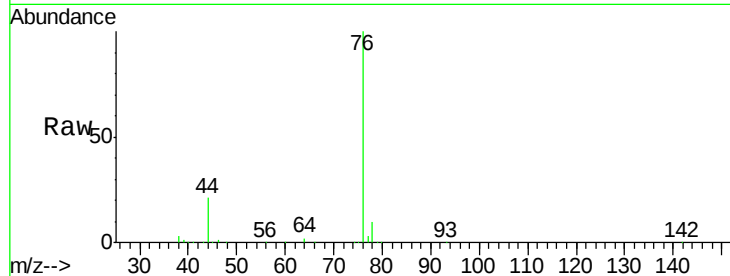
#17
Carbon Disulfide
Concen: 16.322 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion: 76 Resp: 64058
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

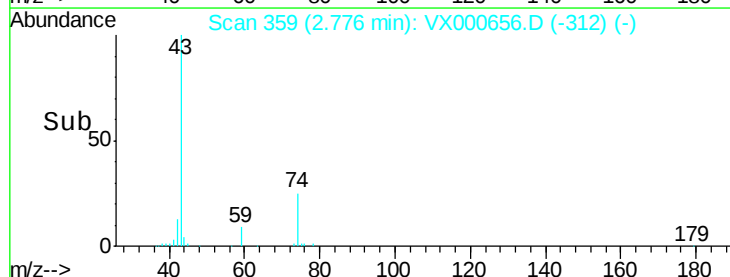
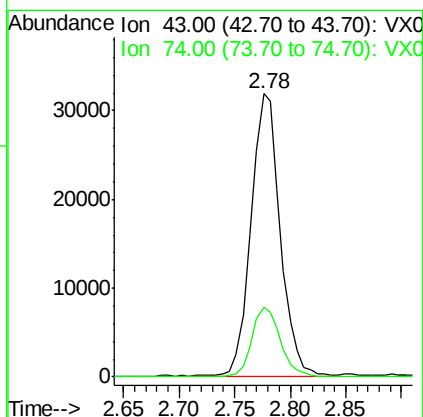
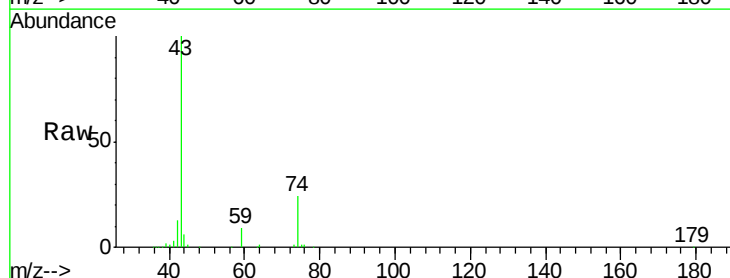
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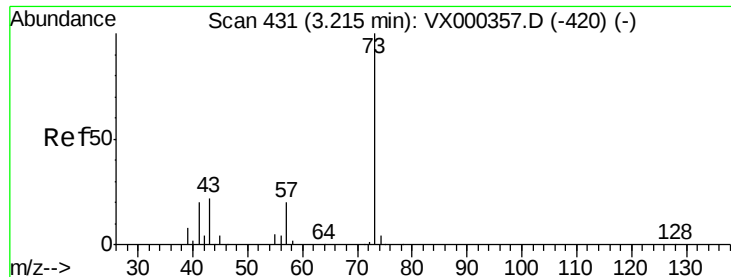
sam
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#18
Methyl Acetate
Concen: 18.776 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 43 Resp: 58220
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2





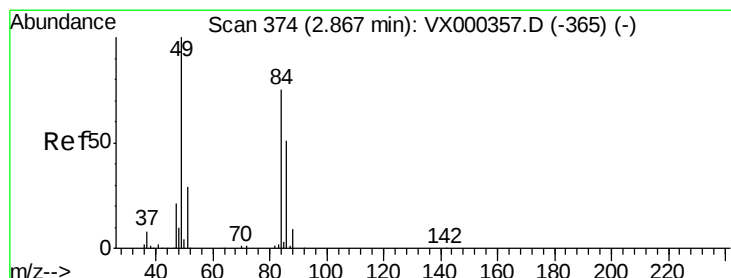
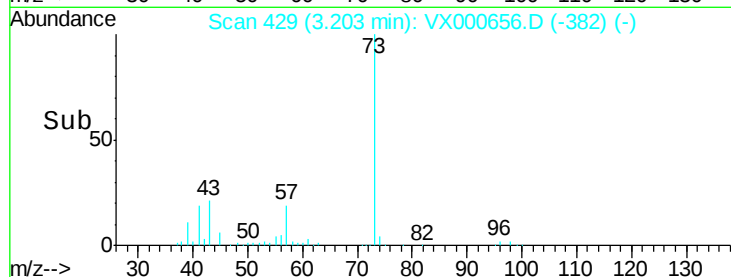
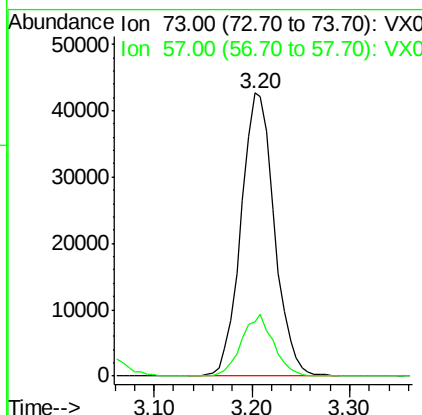
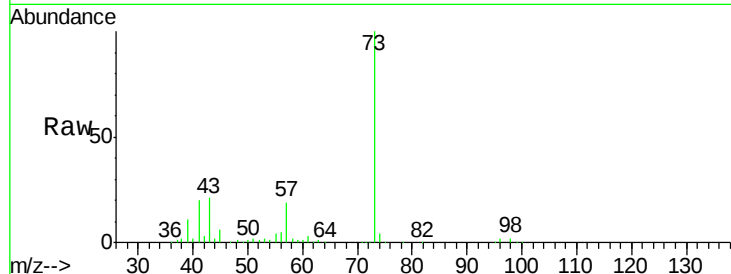
#19
Methyl tert-butyl Ether
Concen: 18.472 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion: 73 Resp: 100859
Ion Ratio Lower Upper
73 100
57 19.3 17.2 25.8

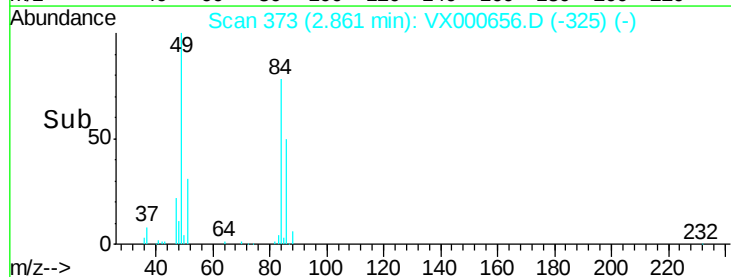
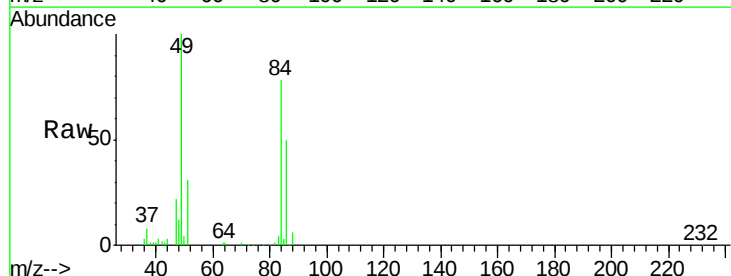
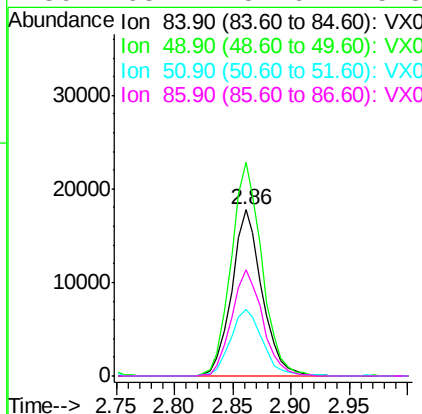
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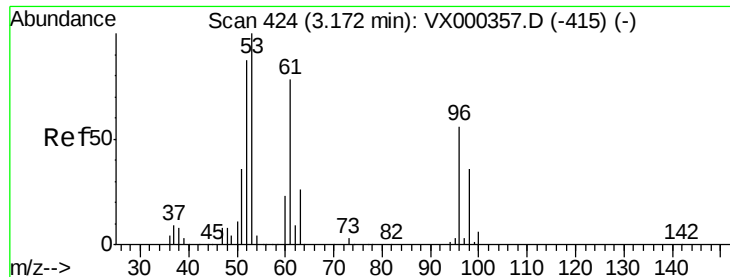
sam
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#20
Methylene Chloride
Concen: 18.822 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 84 Resp: 32154
Ion Ratio Lower Upper
84 100
49 128.6 100.6 151.0
51 40.0 31.6 47.4
86 63.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.523 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

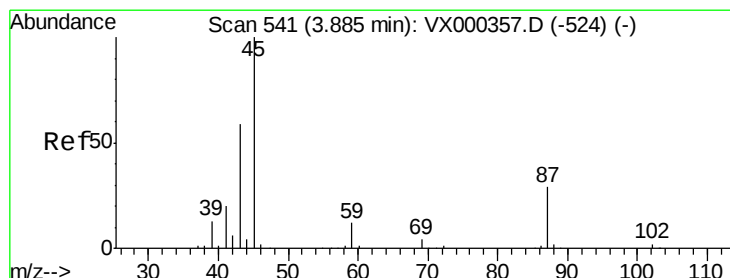
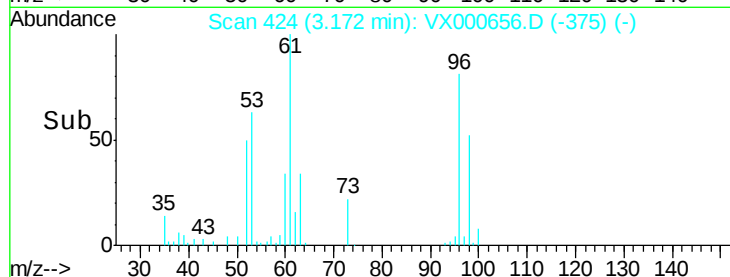
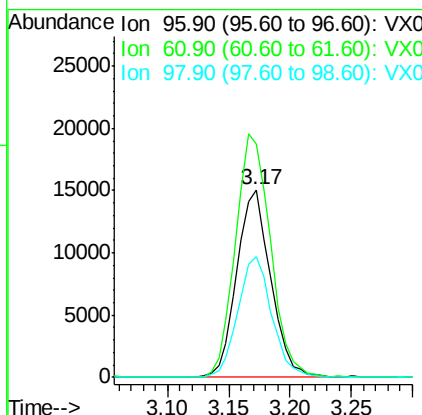
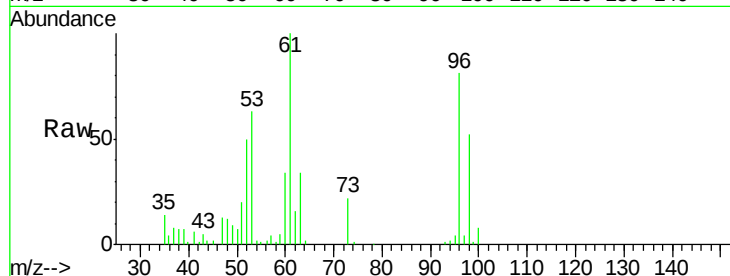
ClientSampleId :

VX0403WBSD01

Tgt Ion:	96	Resp:	28858
Ion	Ratio	Lower	Upper
96	100		
61	124.2	104.0	156.0
98	64.5	52.1	78.1

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 21.515 ug/l

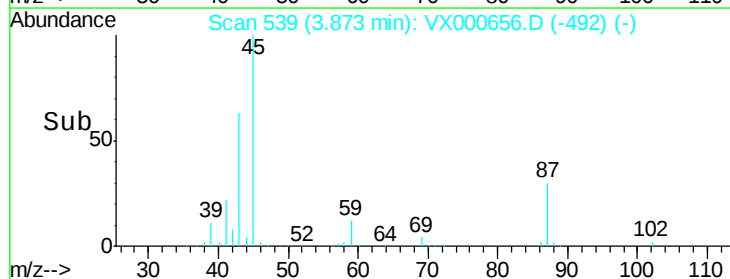
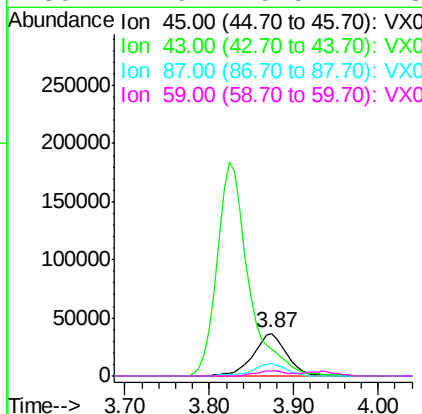
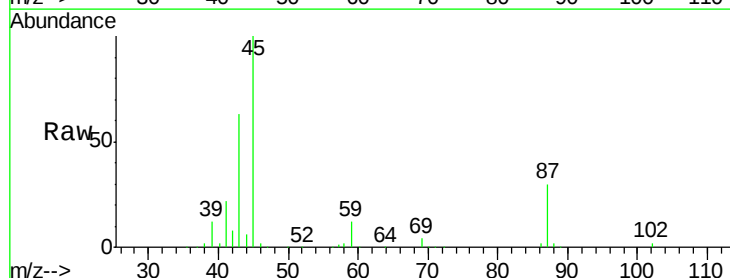
RT: 3.87 min Scan# 539

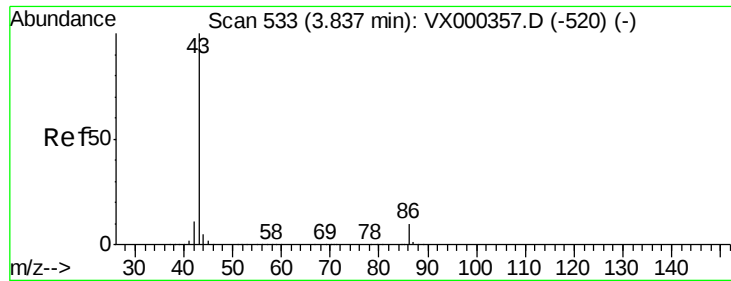
Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion:	45	Resp:	99291
Ion	Ratio	Lower	Upper
45	100		
43	62.1	53.9	80.9
87	30.3	22.6	34.0
59	11.9	9.5	14.3





#23

Vinyl Acetate

Concen: 108.331 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

Tgt Ion: 43 Resp: 473957

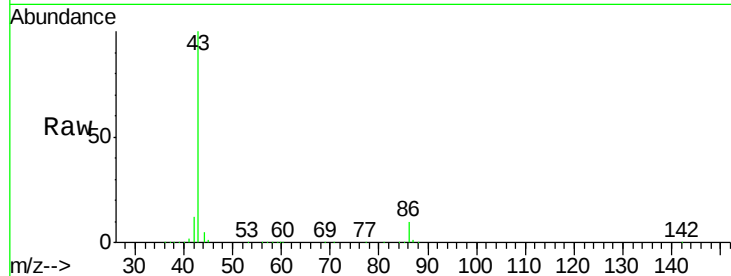
Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

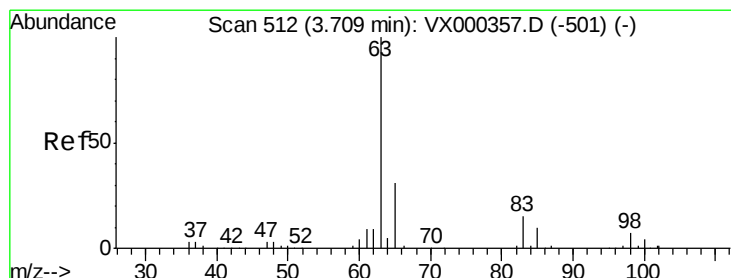
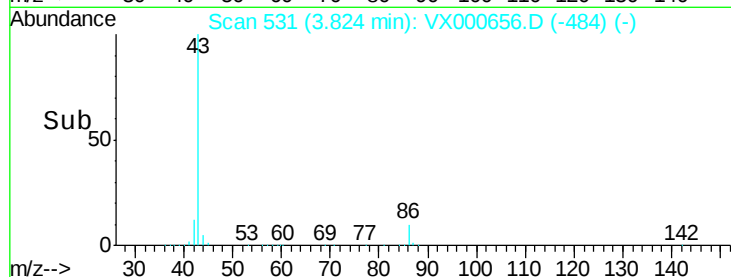
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.231 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

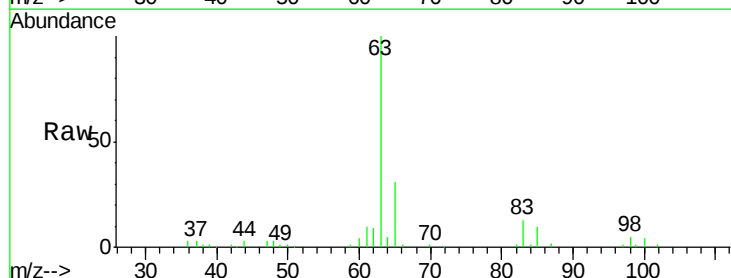
Tgt Ion: 63 Resp: 55800

Ion Ratio Lower Upper

63 100

98 5.4 3.3 9.9

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.71

30000

25000

20000

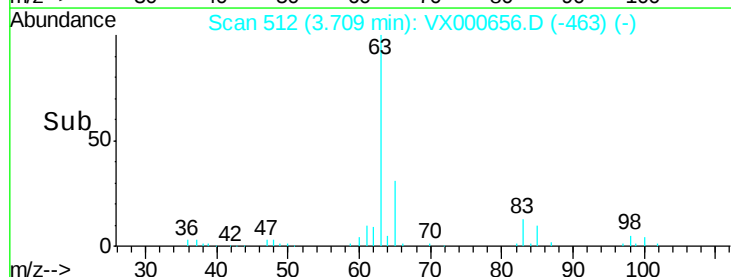
15000

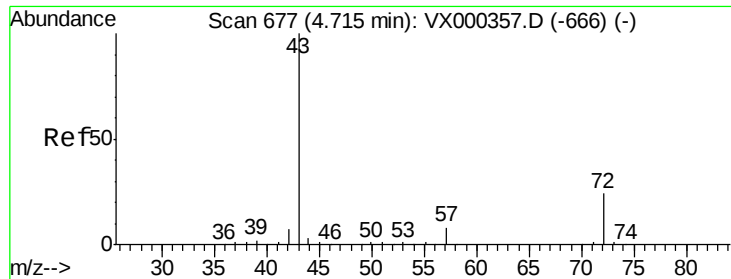
10000

5000

0

Time-->





#25

2-Butanone

Concen: 91.757 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampled :

VX0403WBSD01

Tgt Ion: 43 Resp: 152541

Ion Ratio Lower Upper

43 100

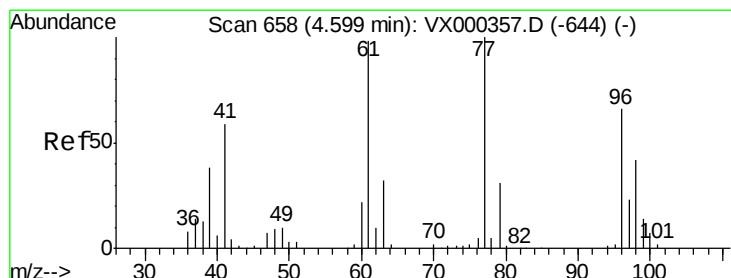
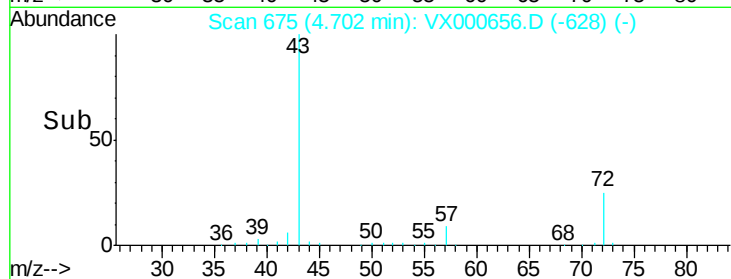
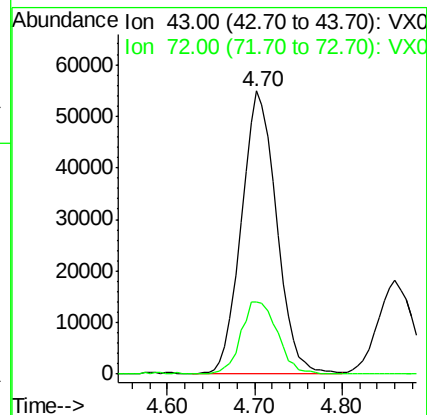
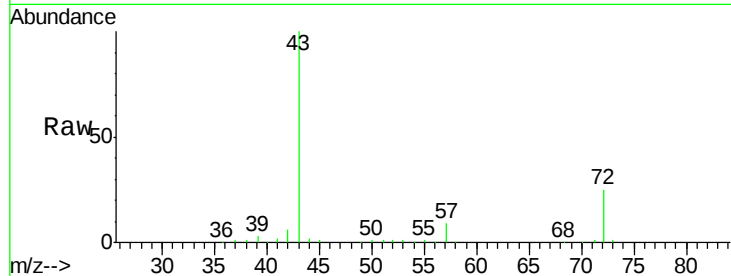
72 25.3 21.0 31.6

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 18.579 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000656.D

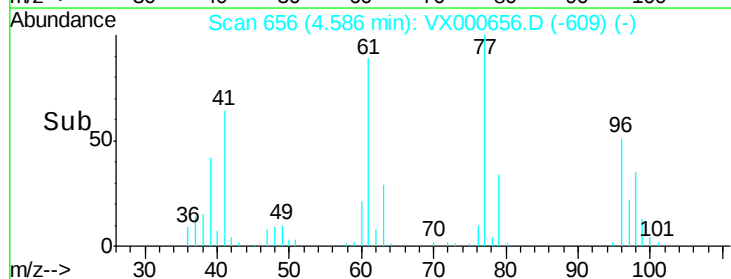
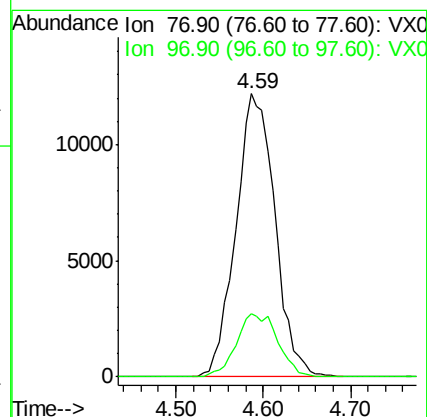
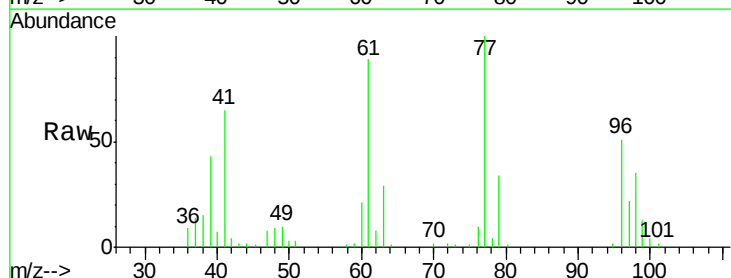
Acq: 03 Apr 2018 17:47

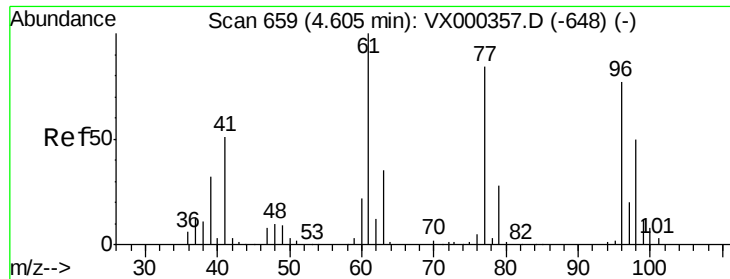
Tgt Ion: 77 Resp: 37784

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8





#27

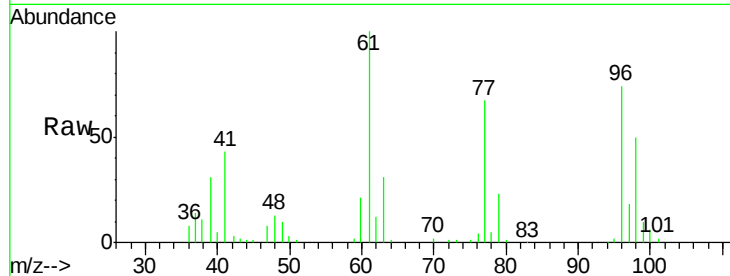
cis-1,2-Dichloroethene
Concen: 18.340 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

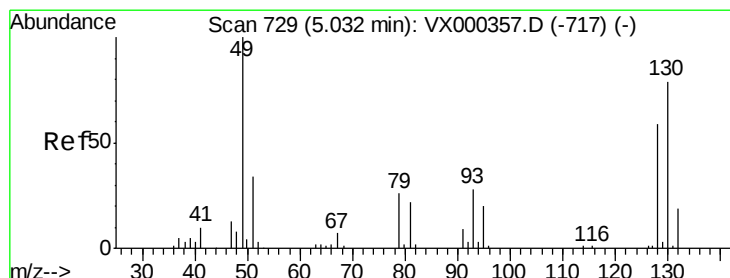
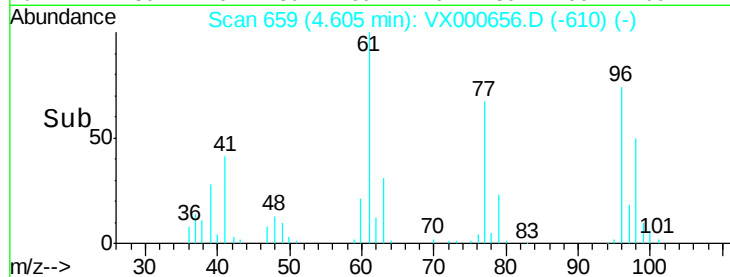
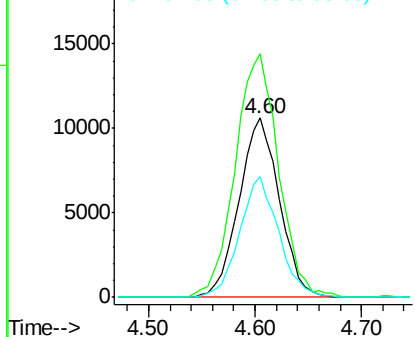
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	28228		
61	145.8	0.0	291.6	
98	65.1	0.0	132.0	

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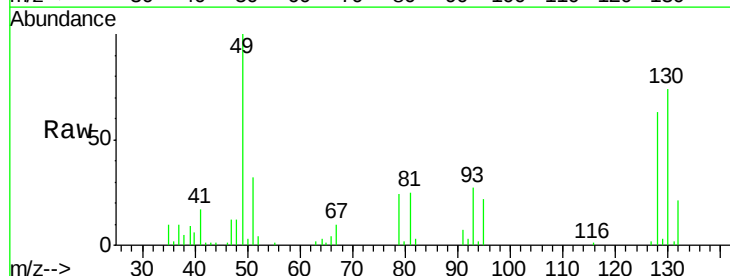
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



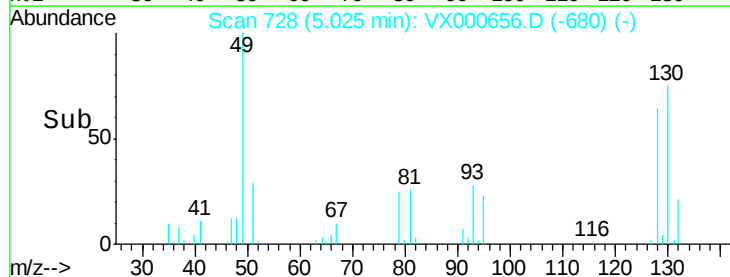
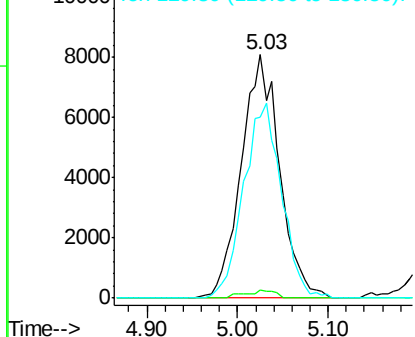
#28

Bromochloromethane
Concen: 19.682 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	23550		
129	2.6	0.0	5.0	
130	79.4	64.0	96.0	



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





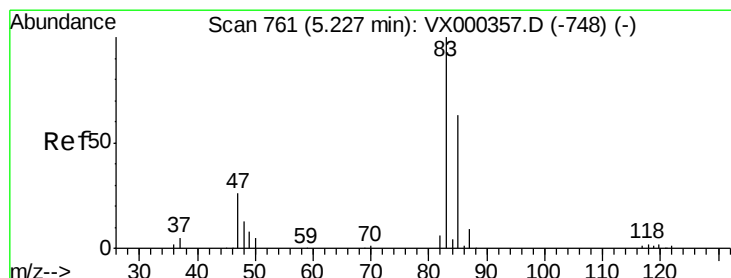
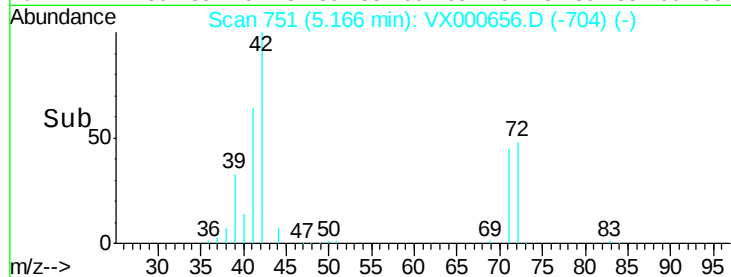
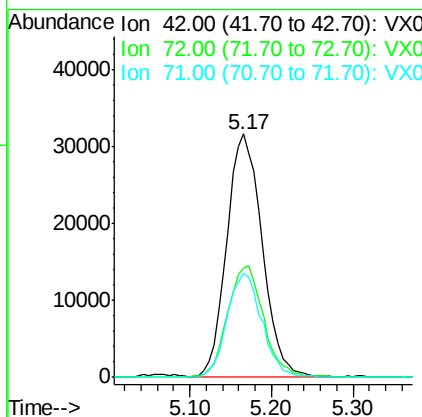
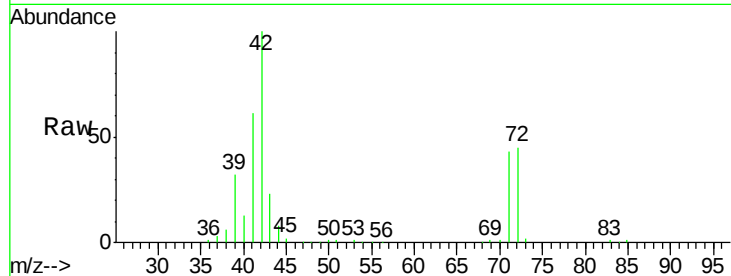
#29
Tetrahydrofuran
Concen: 93.204 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.9	56.9
71	42.1	34.4	51.6

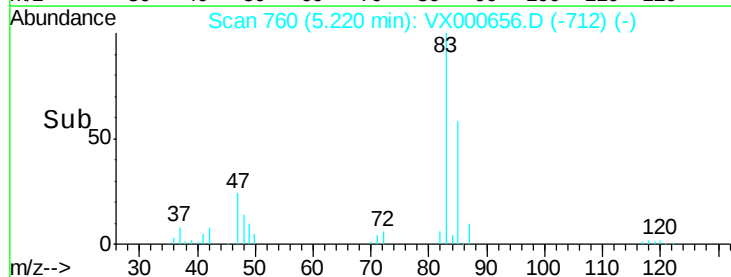
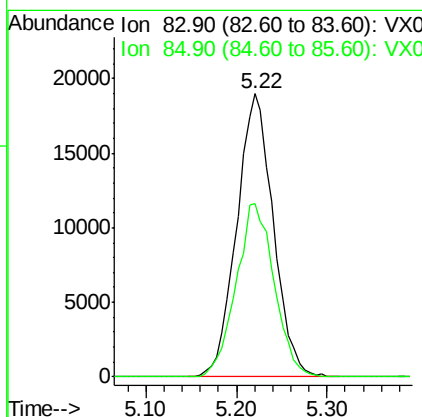
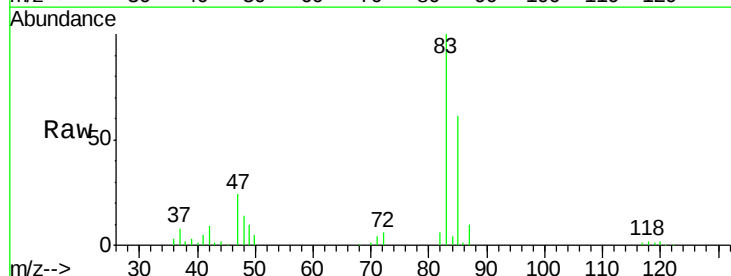
Manual Integrations
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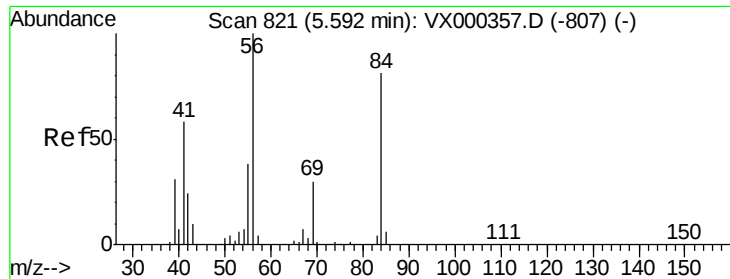
sam
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#30
Chloroform
Concen: 19.474 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	53.3	79.9





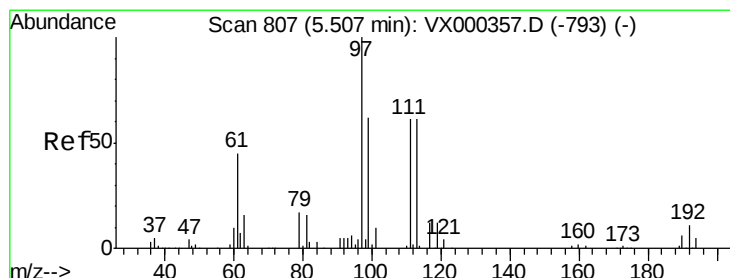
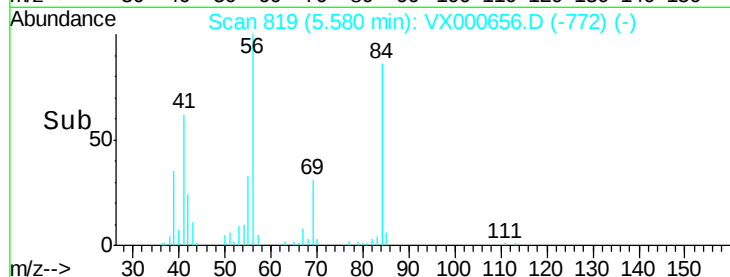
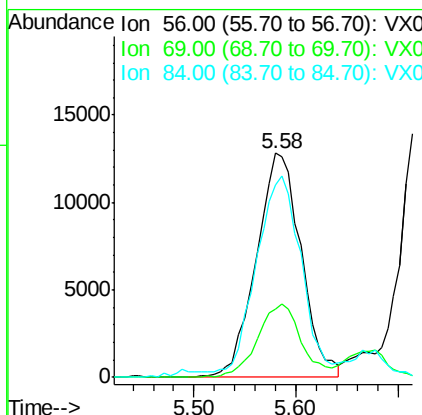
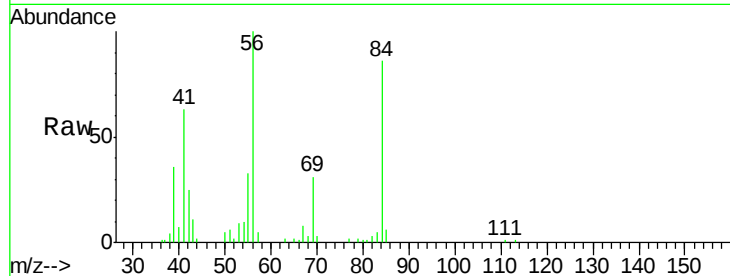
#31
Cyclohexane
Concen: 17.383 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampled :
VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.4	35.0
84	83.5	71.0	106.4

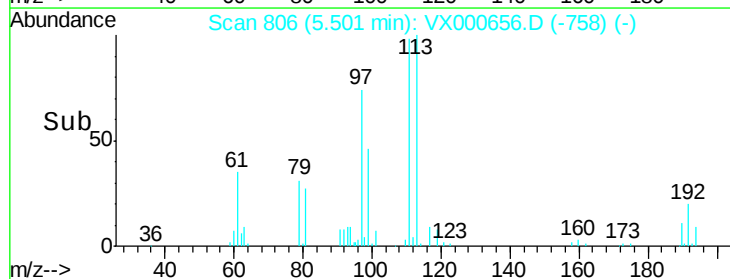
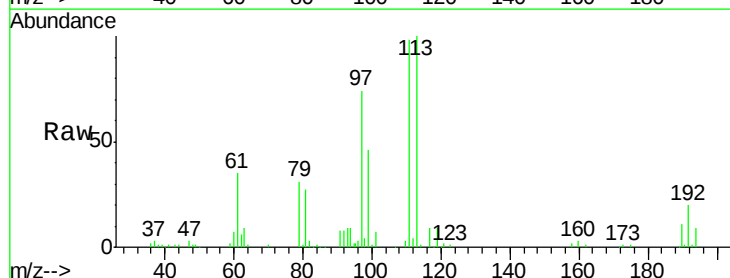
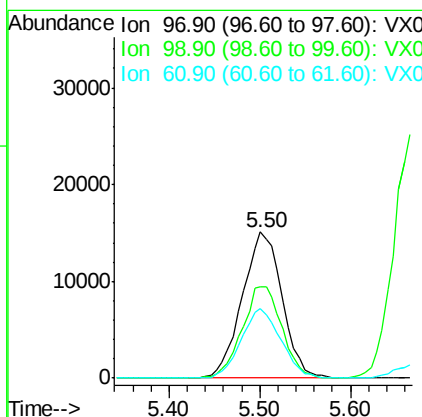
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 18.704 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	52.1	78.1
61	47.0	36.2	54.4





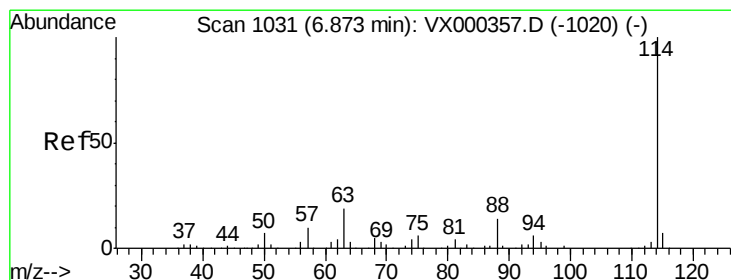
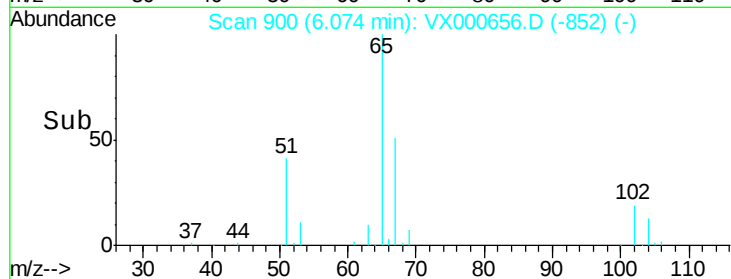
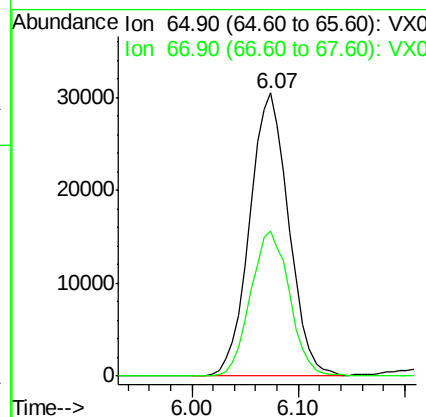
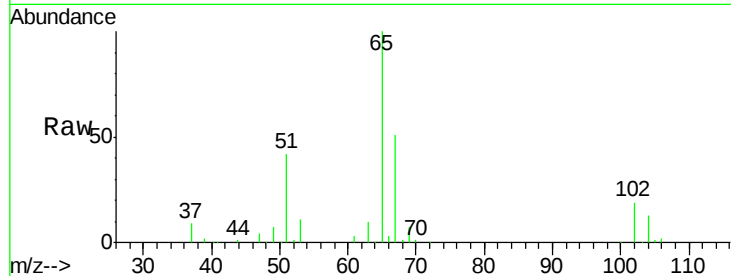
#33
 1,2-Dichloroethane-d4
 Concen: 44.112 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion: 65 Resp: 78429
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.2

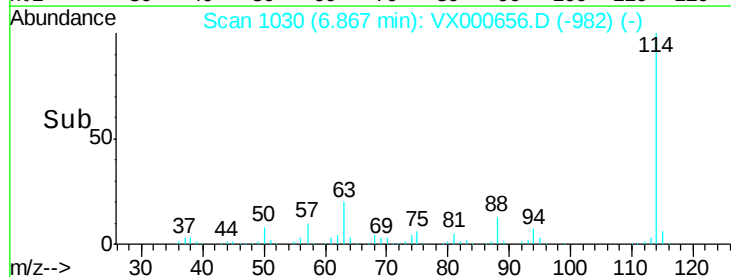
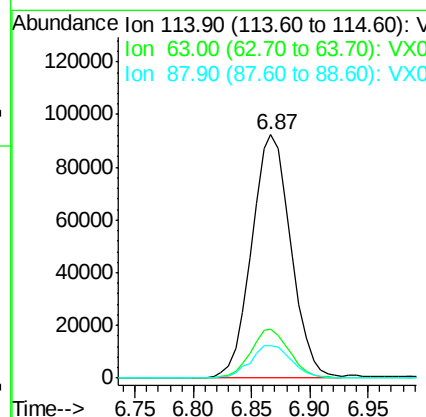
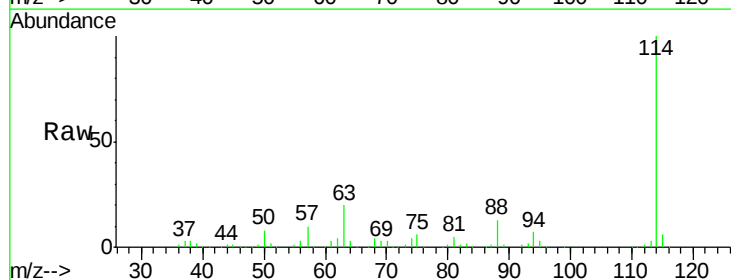
Manual Integrations
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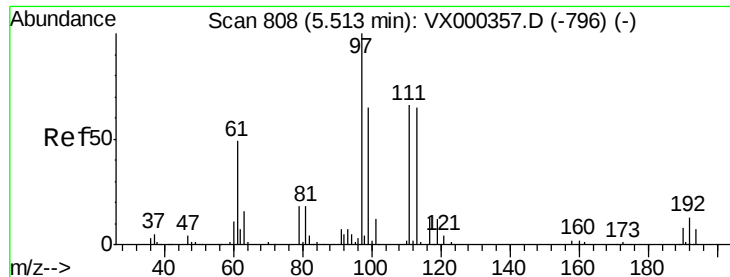
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 114 Resp: 217247
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 13.1 0.0 27.0





#35

Dibromofluoromethane

Concen: 44.895 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

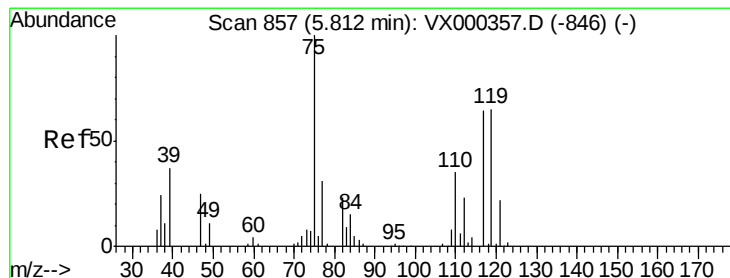
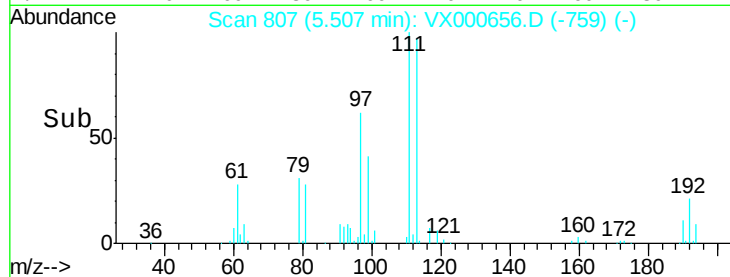
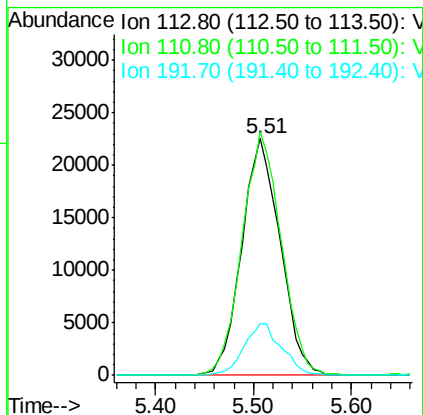
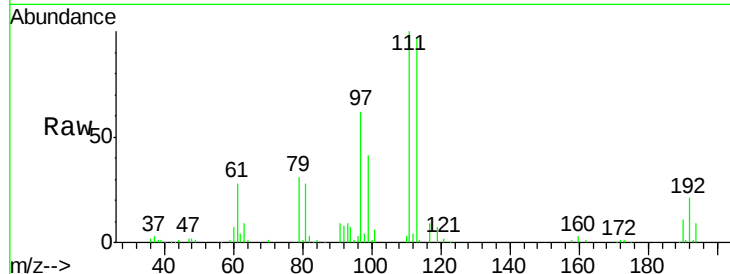
ClientSampleId :

VX0403WBSD01

Tgt Ion:	113	Resp:	61454
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.4	123.6
192	21.4	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.251 ug/l

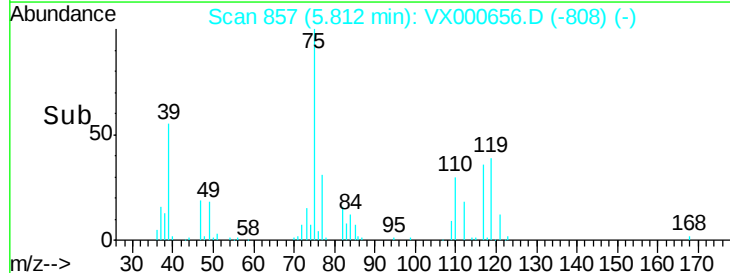
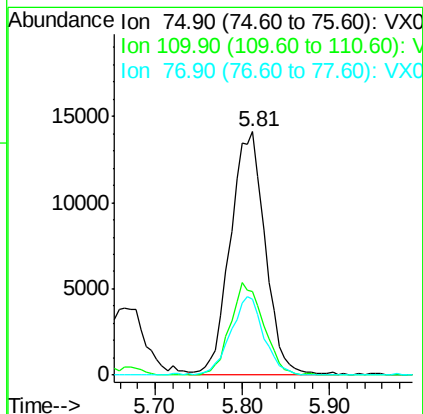
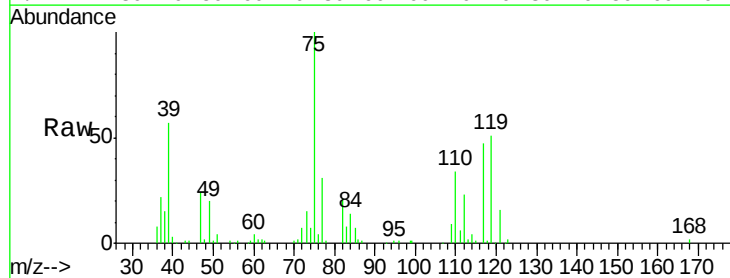
RT: 5.81 min Scan# 857

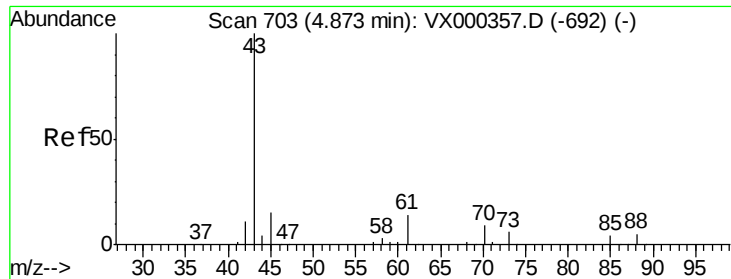
Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion:	75	Resp:	39176
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.9	53.7
77	30.7	24.0	36.0





#37

Ethyl Acetate

Concen: 18.744 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

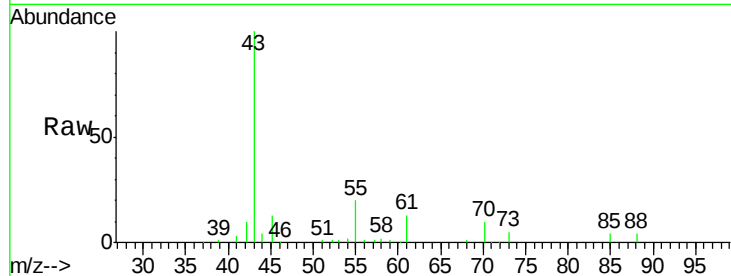
ClientSampled :

VX0403WBSD01

Tgt Ion:	43	Resp:	52102
Ion Ratio		Lower	Upper
43	100		
61	13.1	11.1	16.7
70	8.8	7.7	11.5

Manual Integrations
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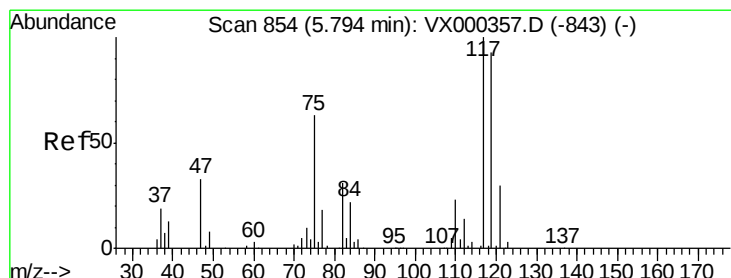
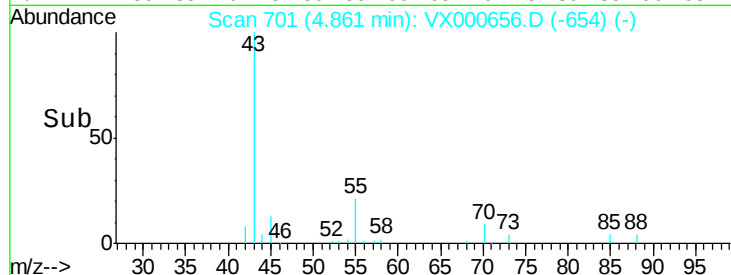
Abundance Ion 43.00 (42.70 to 43.70): VX000357.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX000357.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX000357.D (-692) (-)

Time-->

4.86



#38

Carbon Tetrachloride

Concen: 18.109 ug/l

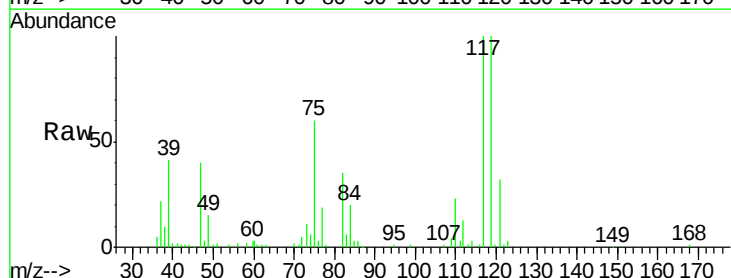
RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion:	117	Resp:	38660
Ion Ratio		Lower	Upper
117	100		
119	100.0	77.4	116.2
121	32.0	24.8	37.2



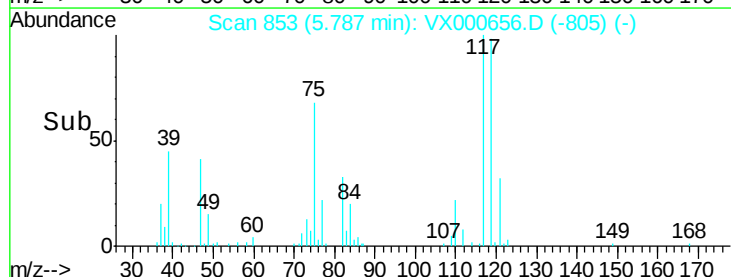
Abundance Ion 116.80 (116.50 to 117.50): VX000357.D (-843) (-)

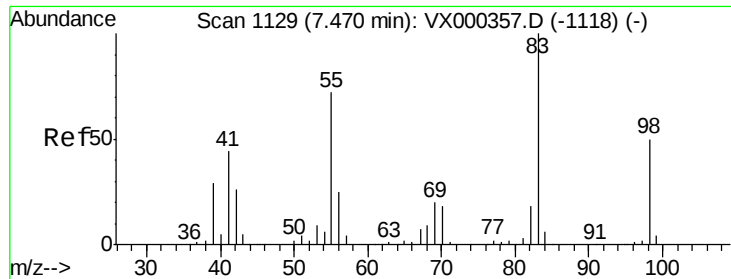
Ion 118.80 (118.50 to 119.50): VX000357.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000357.D (-843) (-)

Time-->

5.79





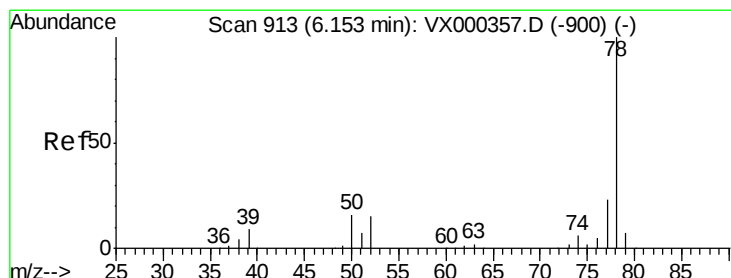
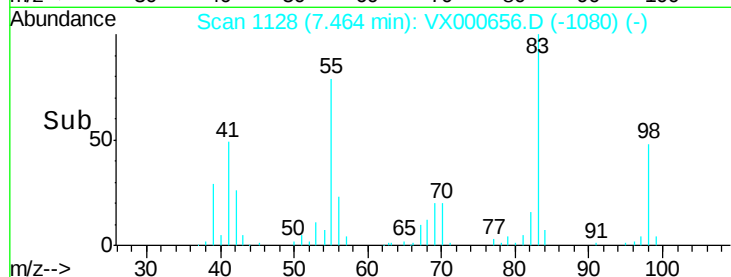
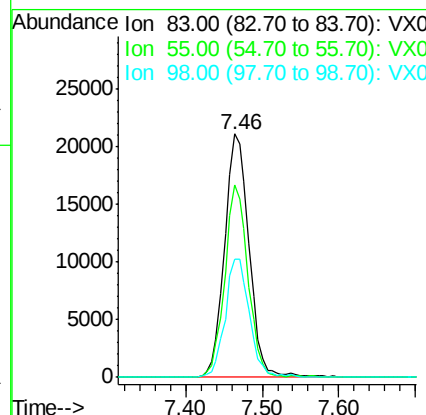
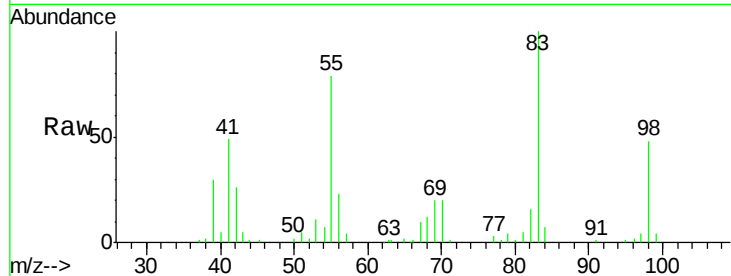
#39
Methylcyclohexane
Concen: 18.876 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.9	55.5	83.3
98	48.4	38.2	57.4

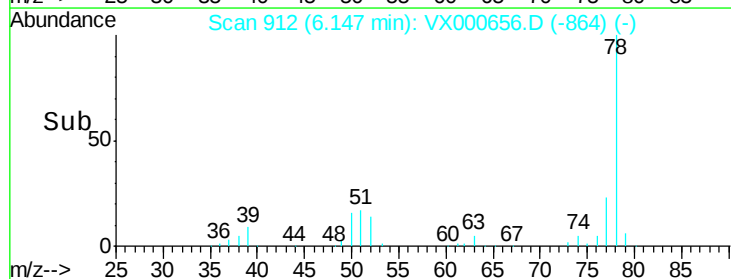
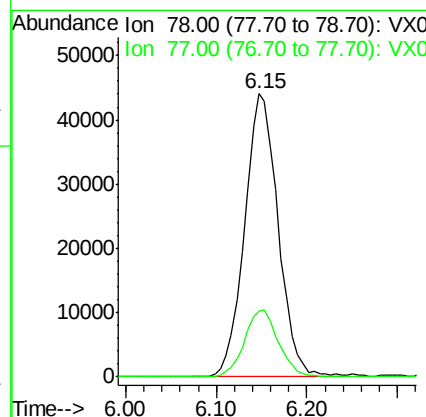
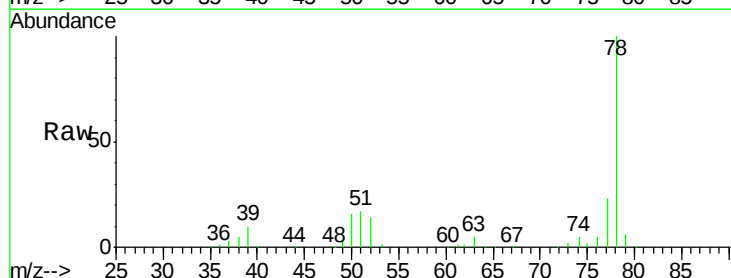
Manual Integrations
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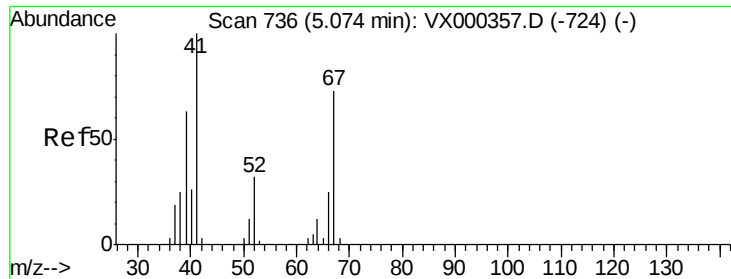
sam
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#40
Benzene
Concen: 19.064 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





#41

Methacrylonitrile

Concen: 18.209 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

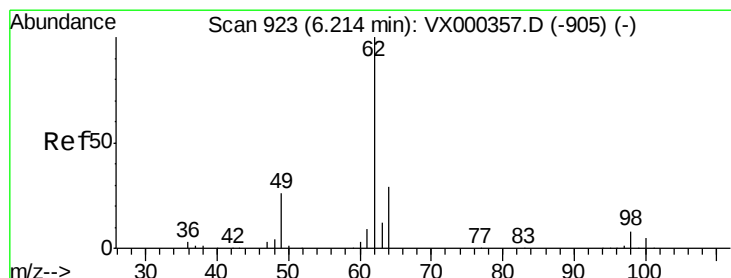
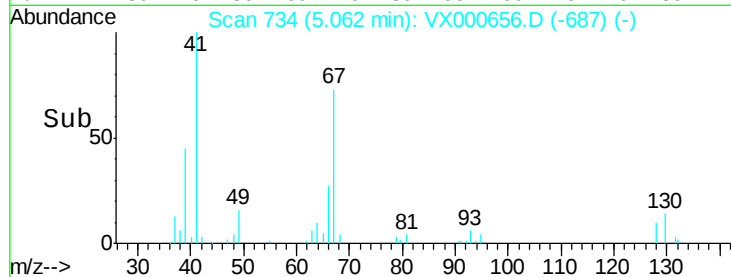
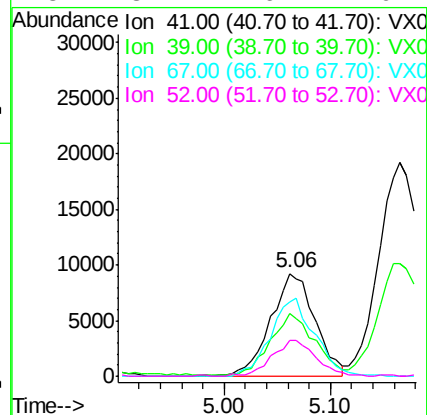
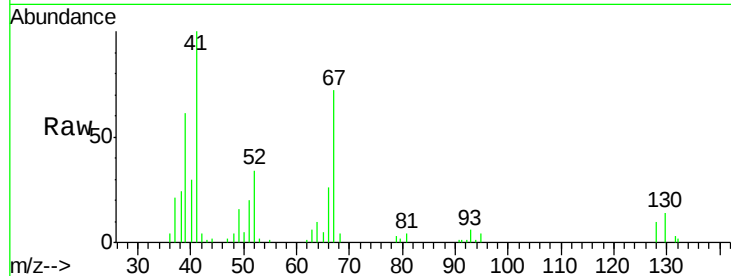
ClientSampleId :

VX0403WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.8	45.7	68.5	
67	74.9	57.8	86.8	
52	34.4	26.7	40.1	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.146 ug/l

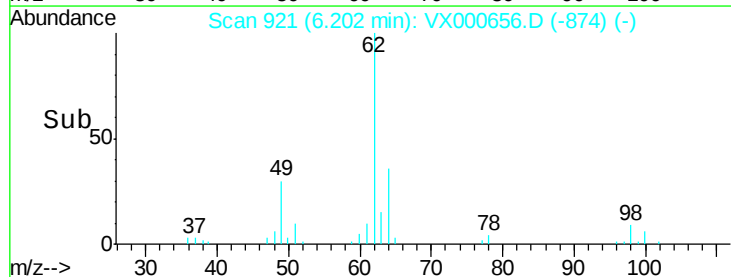
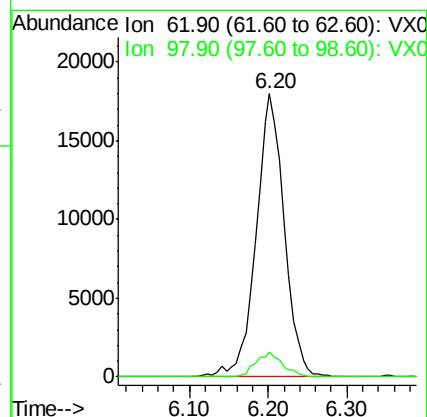
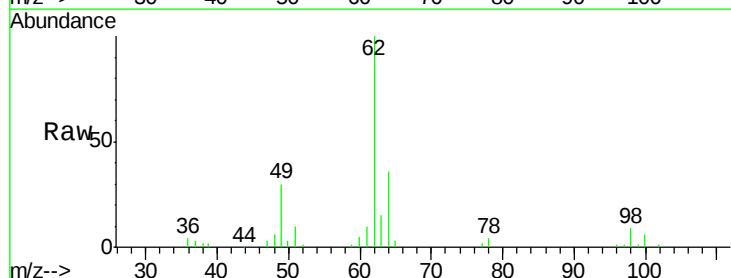
RT: 6.20 min Scan# 921

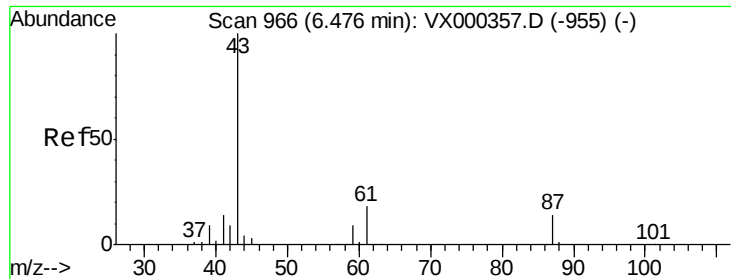
Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	15.8	





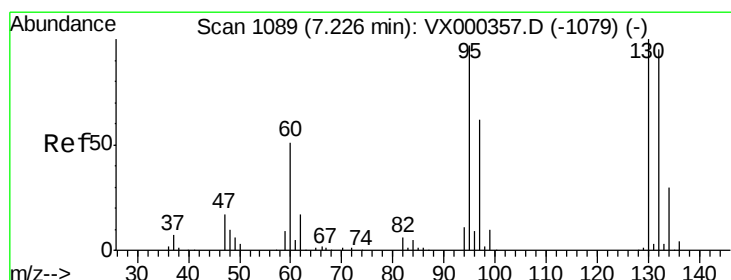
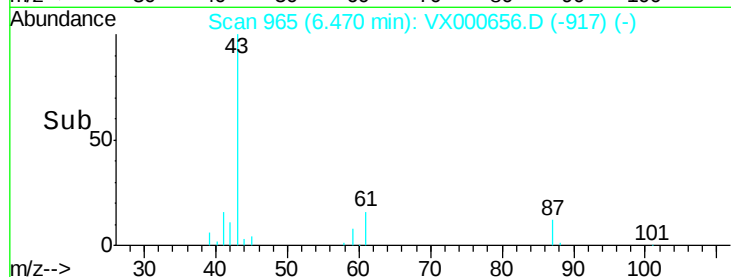
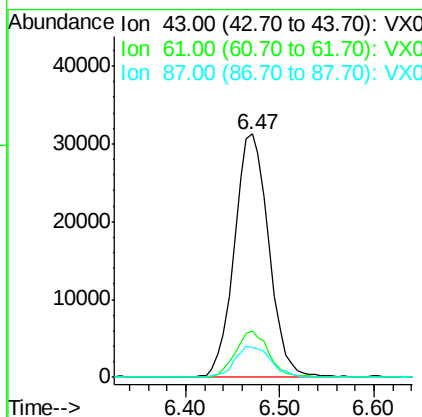
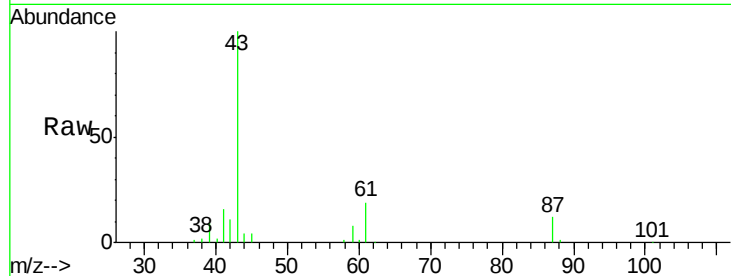
#43
Isopropyl Acetate
Concen: 19.259 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	13.4	11.0	16.4

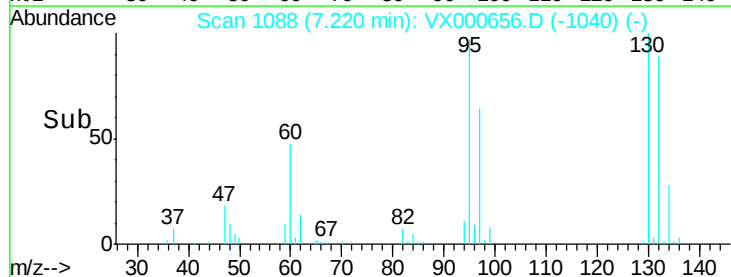
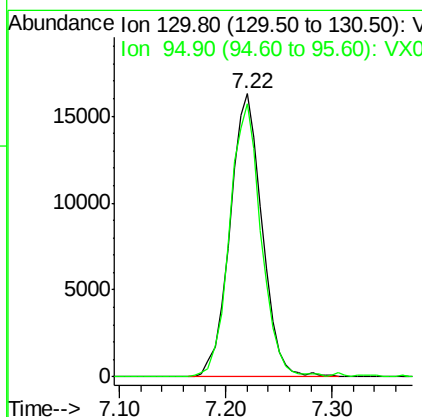
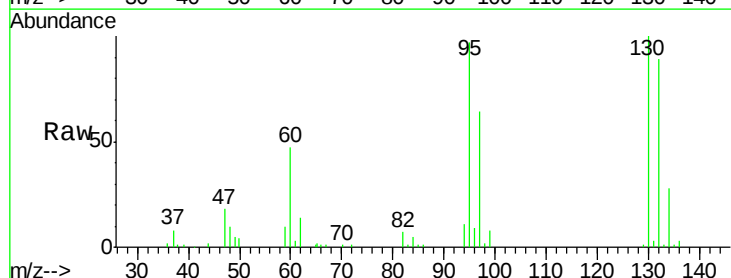
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#44
Trichloroethene
Concen: 20.286 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	186.0





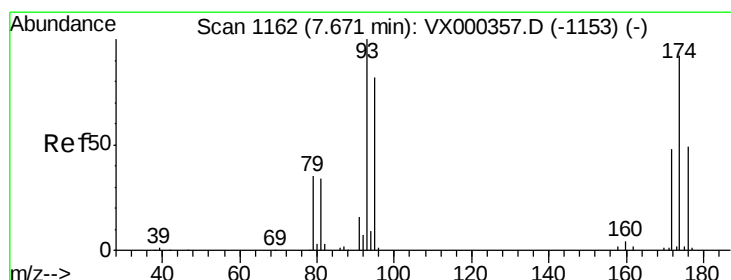
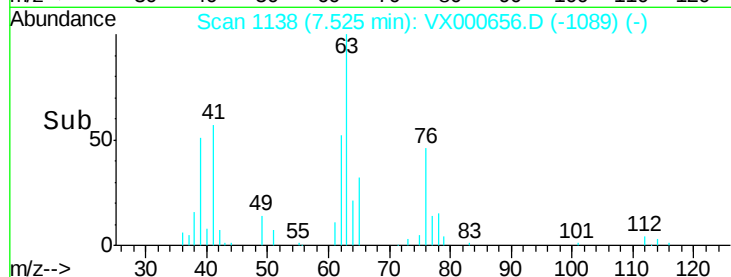
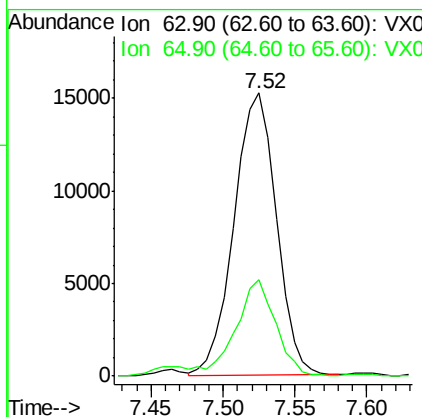
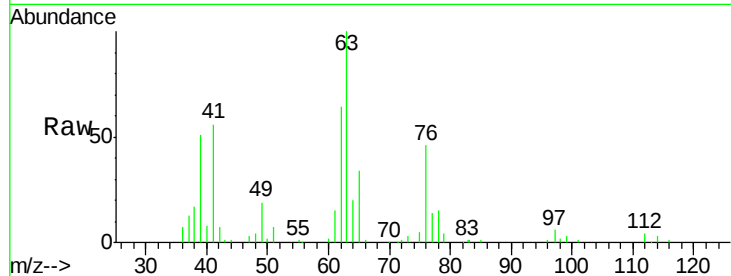
#45
 1,2-Dichloropropane
 Concen: 20.616 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion: 63 Resp: 31185
 Ion Ratio Lower Upper
 63 100
 65 34.4 24.6 36.8

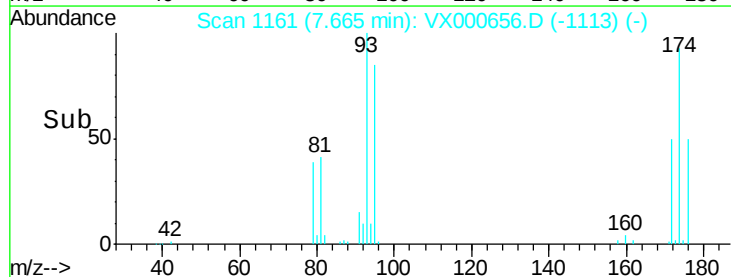
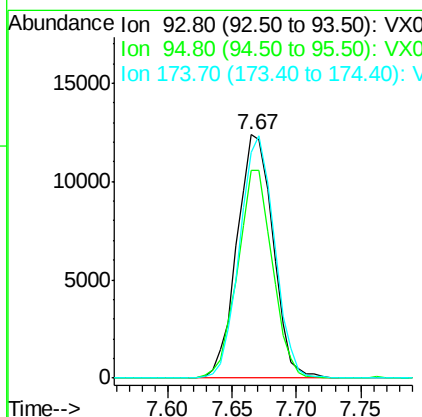
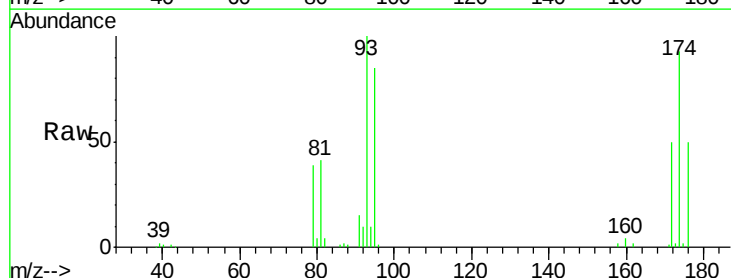
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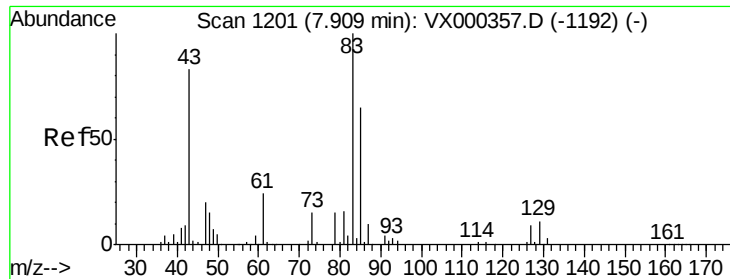
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#46
 Dibromomethane
 Concen: 20.227 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 93 Resp: 24016
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.5 99.7
 174 95.6 76.0 114.0





#47

Bromodichloromethane

Concen: 20.343 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

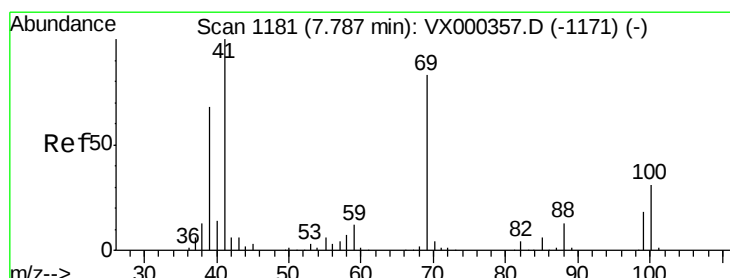
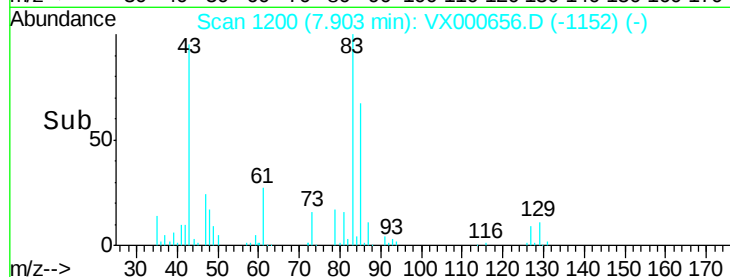
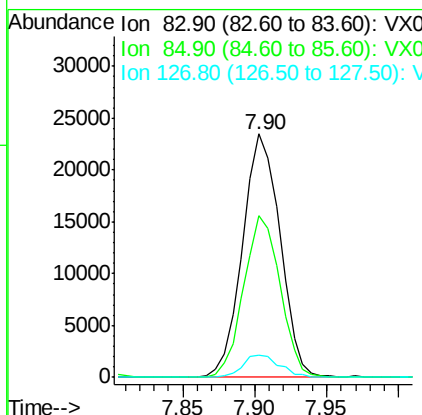
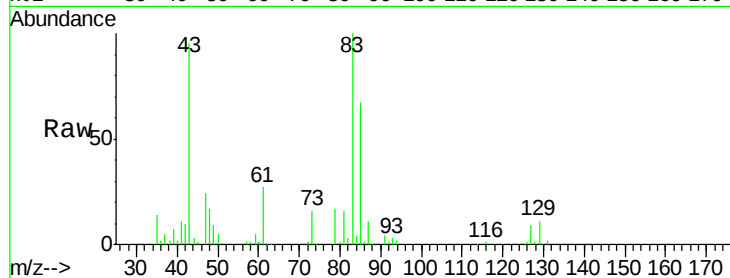
ClientSampleId :

VX0403WBSD01

Tgt Ion:	83	Resp:	42498
Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.4	77.0
127	9.1	7.0	10.6

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#48

Methyl methacrylate

Concen: 19.807 ug/l

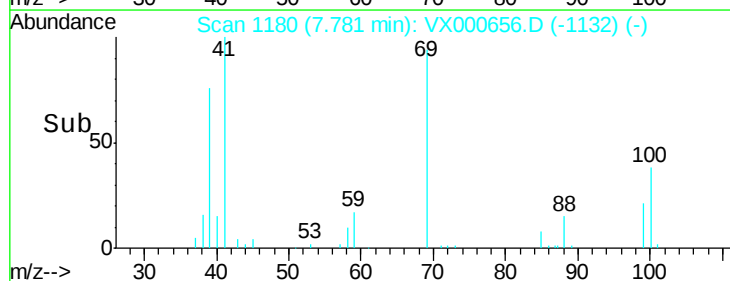
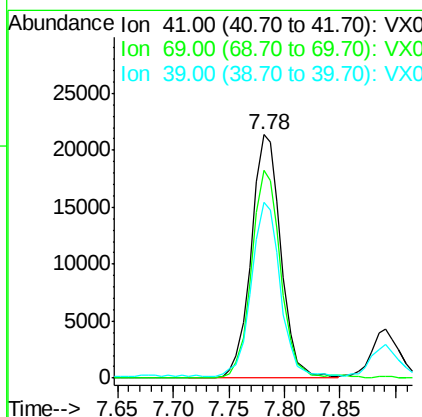
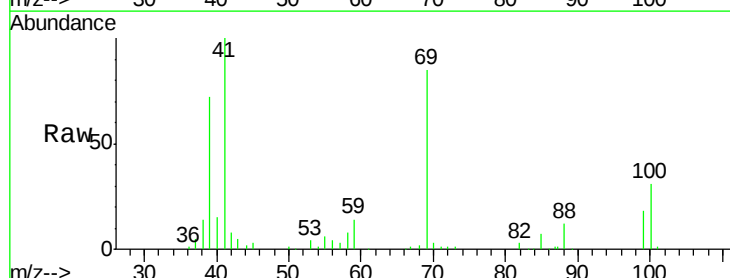
RT: 7.78 min Scan# 1180

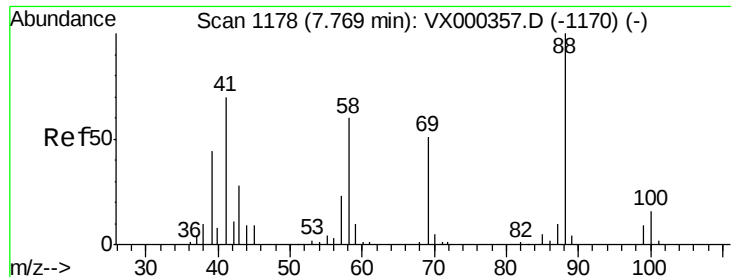
Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion:	41	Resp:	39788
Ion	Ratio	Lower	Upper
41	100		
69	83.1	68.2	102.4
39	70.3	54.6	81.8





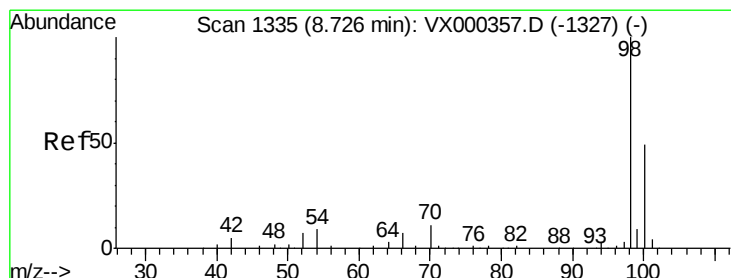
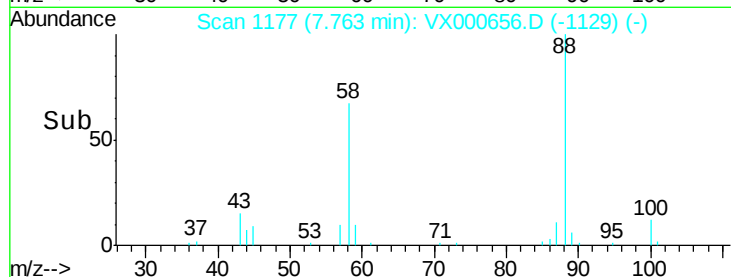
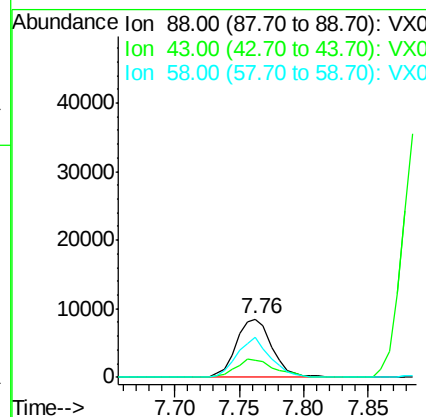
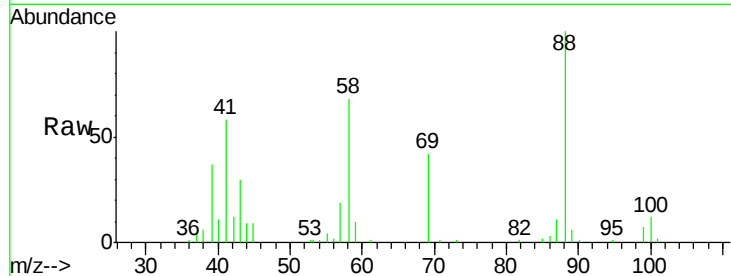
#49
1,4-Dioxane
Concen: 387.401 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.8	40.2
58	64.7	52.2	78.2

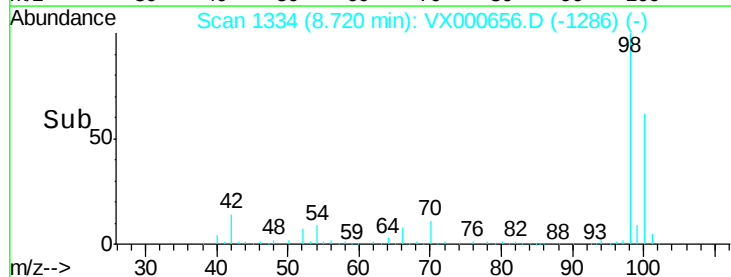
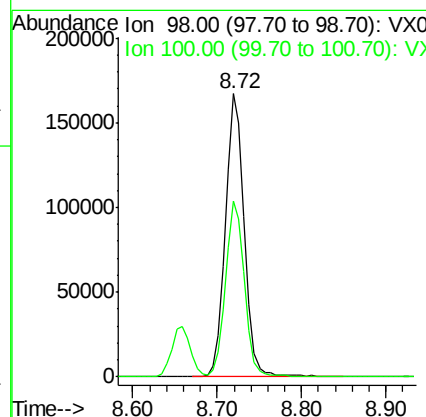
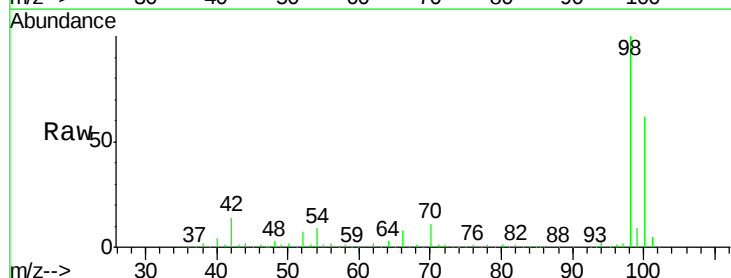
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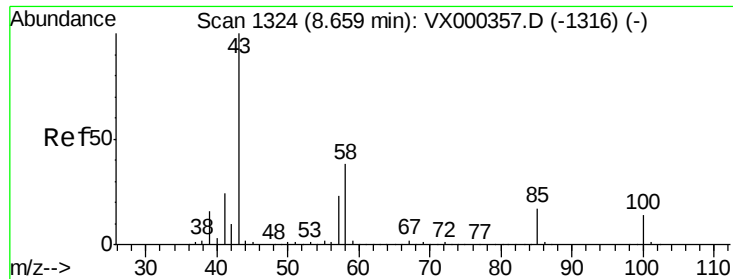
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#50
Toluene-d8
Concen: 45.520 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.2	76.8





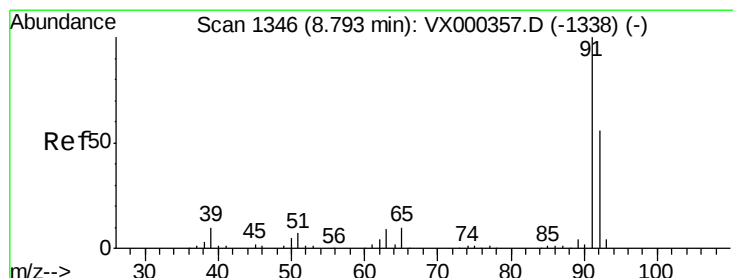
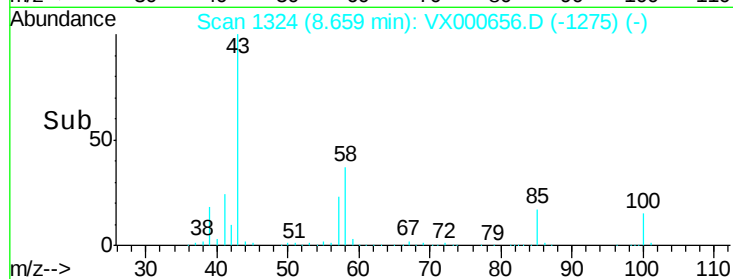
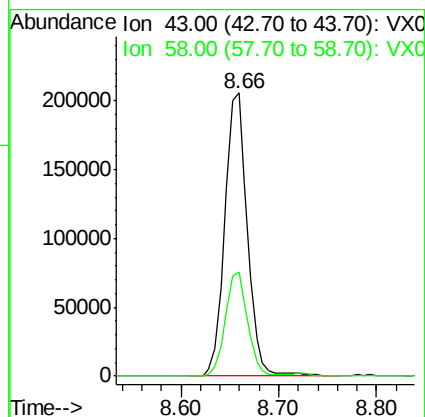
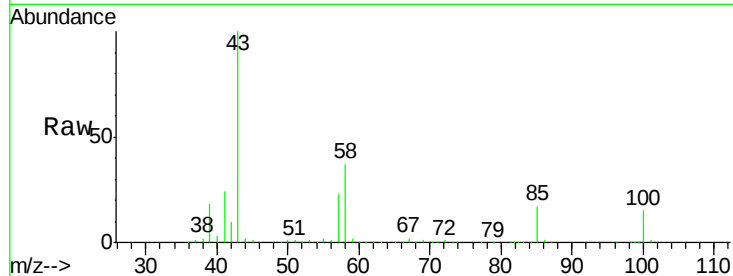
#51
4-Methyl-2-Pentanone
Concen: 103.040 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion: 43 Resp: 330013
Ion Ratio Lower Upper
43 100
58 35.9 30.3 45.5

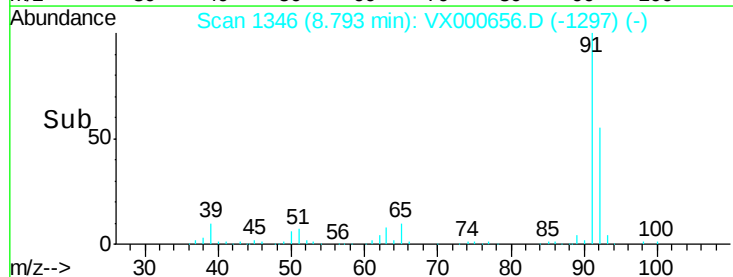
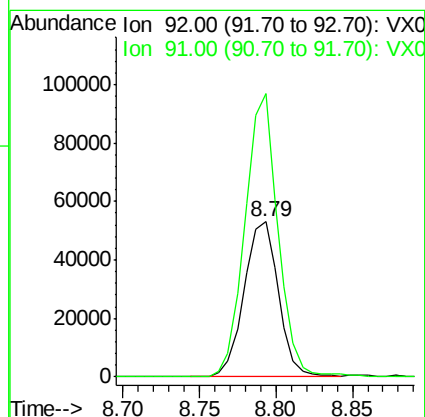
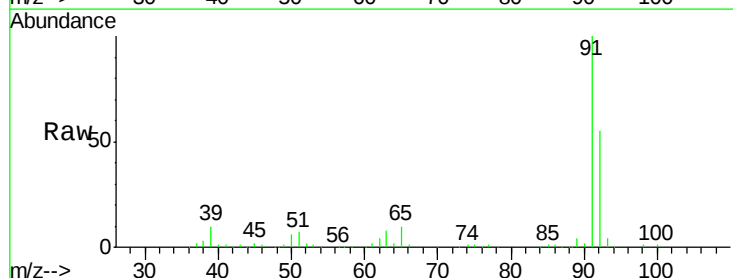
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#52
Toluene
Concen: 20.128 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 92 Resp: 83158
Ion Ratio Lower Upper
92 100
91 174.8 140.2 210.2





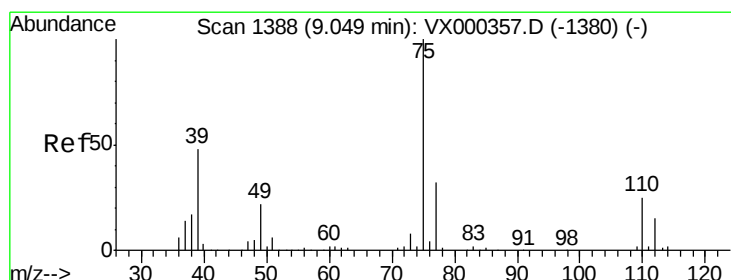
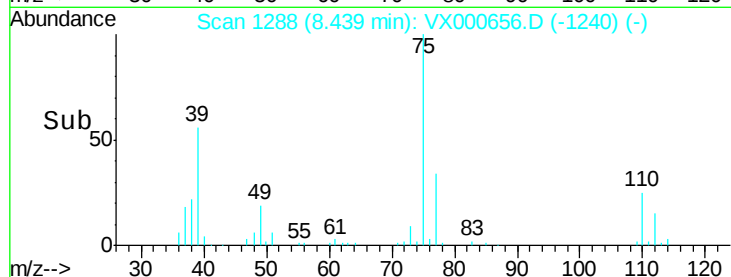
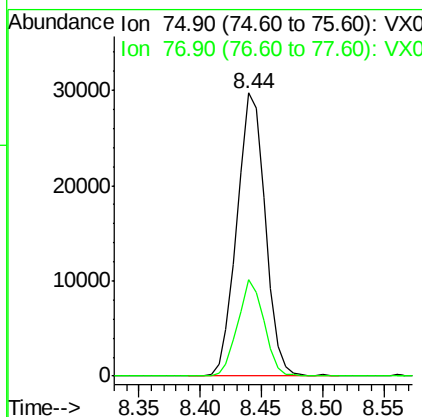
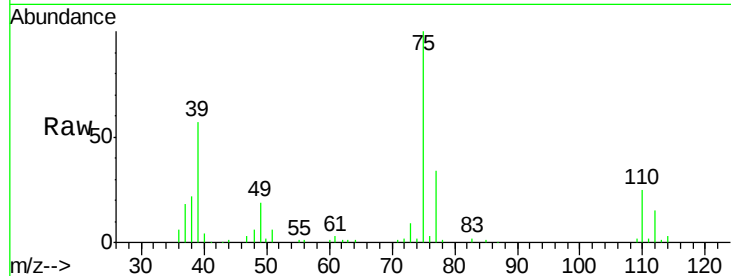
#53
t-1,3-Dichloropropene
Concen: 19.677 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion: 75 Resp: 47633
Ion Ratio Lower Upper
75 100
77 34.1 24.0 36.0

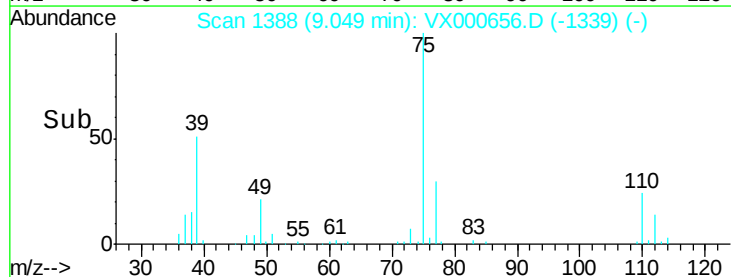
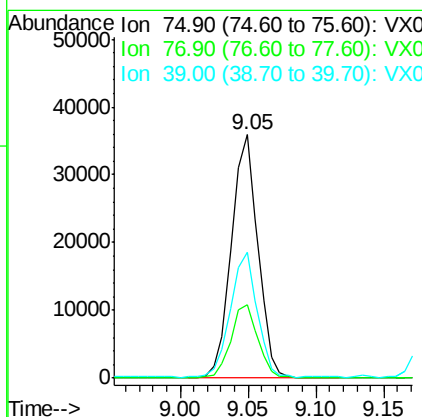
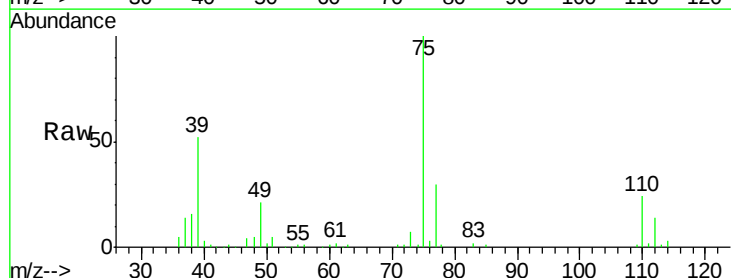
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#54
cis-1,3-Dichloropropene
Concen: 20.770 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 75 Resp: 48771
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1
39 51.4 39.8 59.6





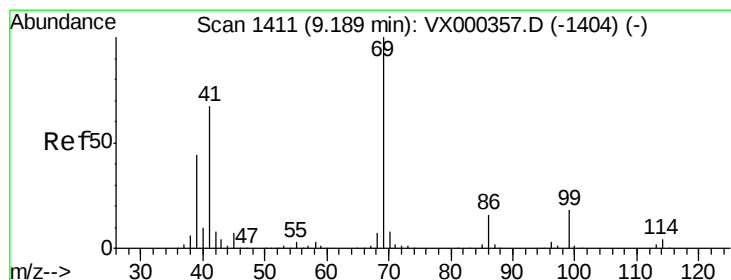
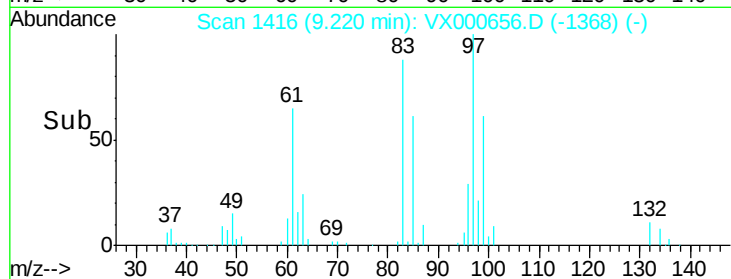
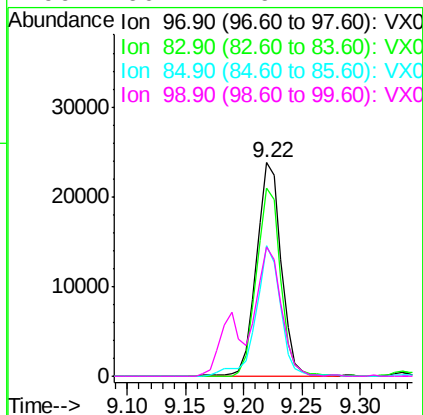
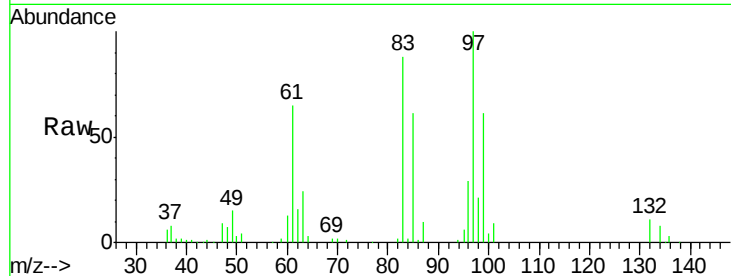
#55
 1,1,2-Trichloroethane
 Concen: 20.953 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion:	97	Resp:	35598
Ion	Ratio	Lower	Upper
97	100		
83	88.3	67.9	101.9
85	61.4	42.8	64.2
99	60.7	49.4	74.2

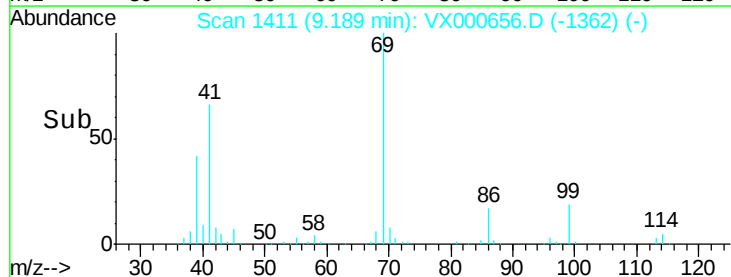
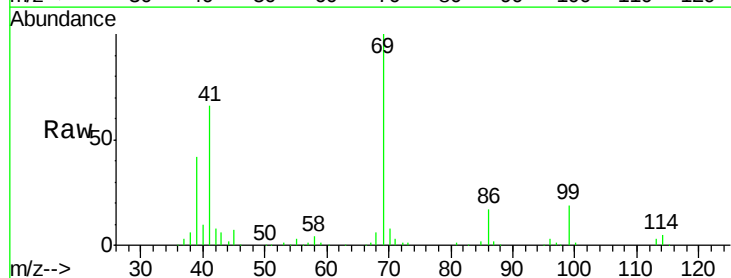
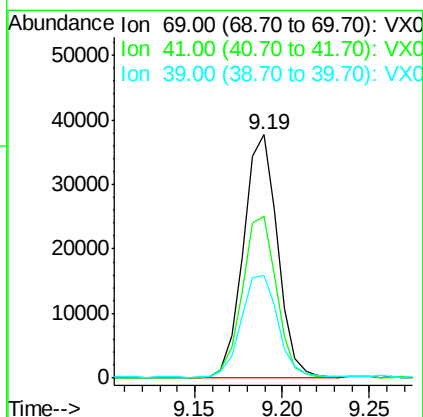
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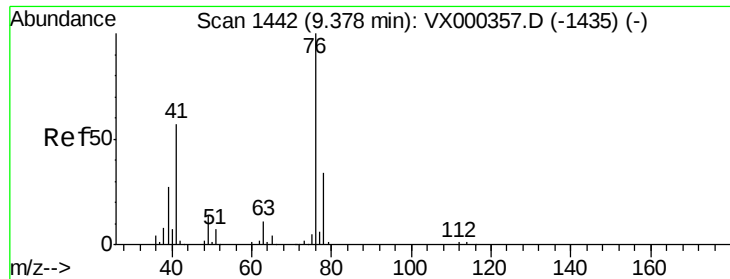
sam
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#56
 Ethyl methacrylate
 Concen: 19.998 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion:	69	Resp:	51484
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.0	79.6
39	44.7	35.3	52.9





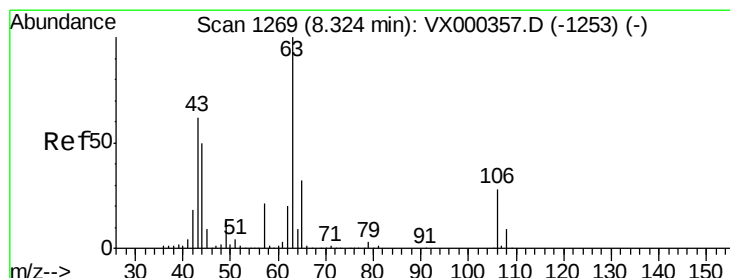
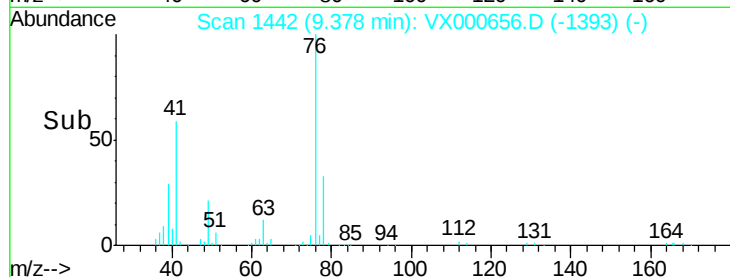
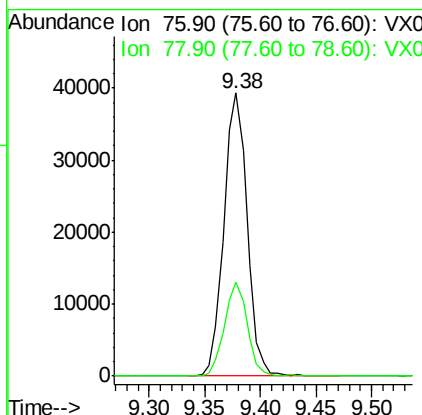
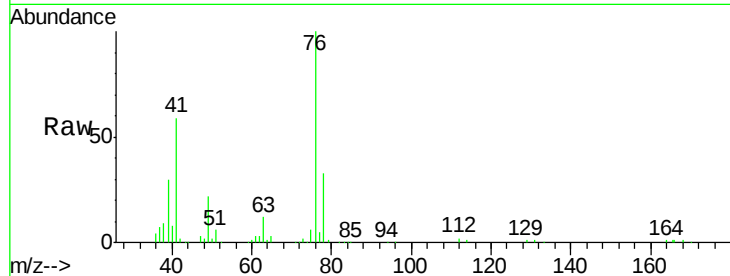
#57
 1,3-Dichloropropane
 Concen: 20.912 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion: 76 Resp: 56826
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.4 39.6

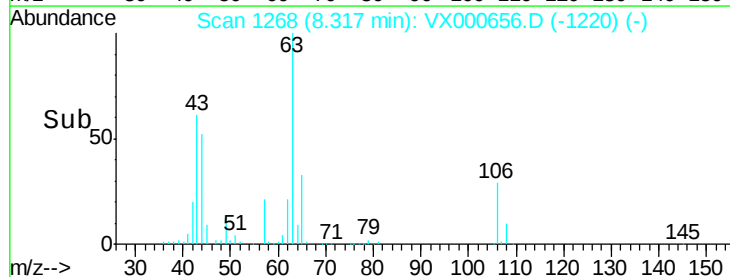
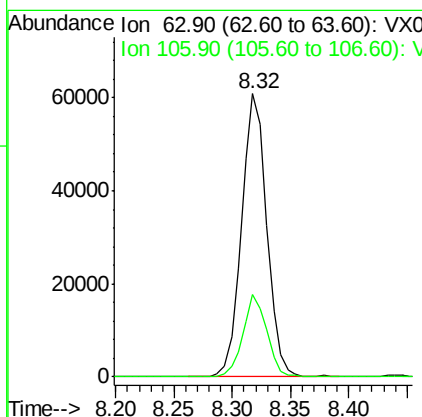
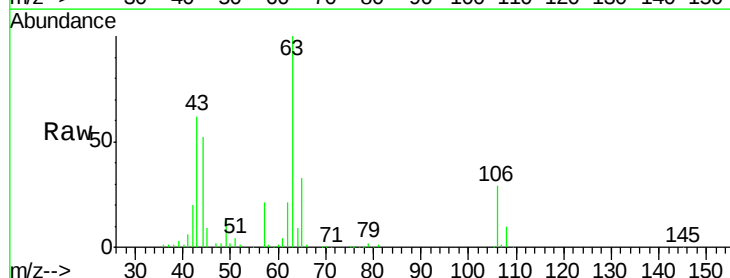
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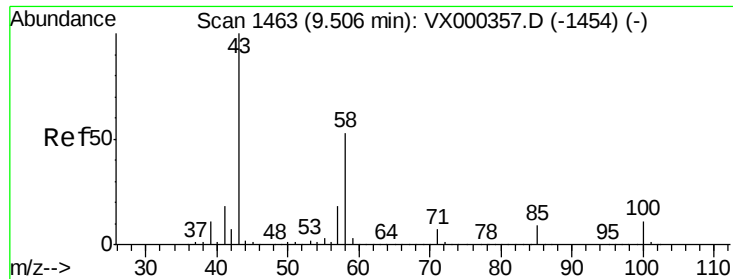
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#58
 2-Chloroethyl Vinyl ether
 Concen: 74.343 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 63 Resp: 91858
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.2 34.8





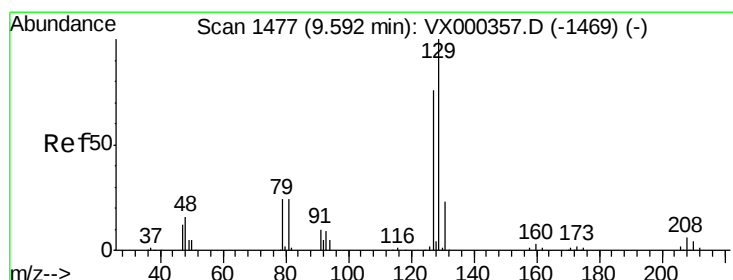
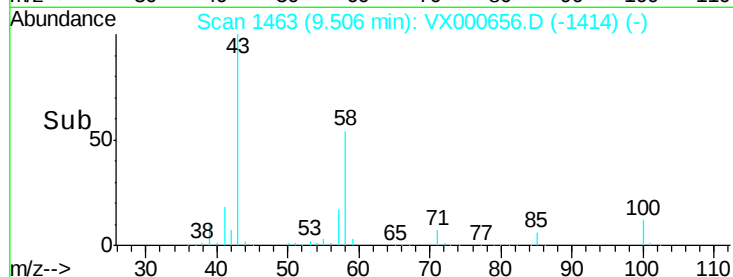
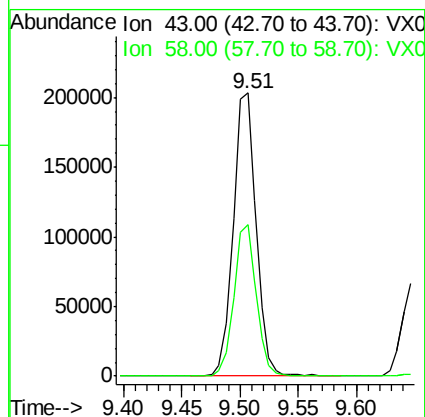
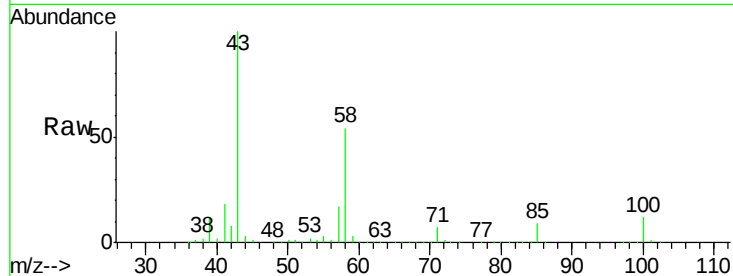
#59
2-Hexanone
Concen: 102.749 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion: 43 Resp: 279426
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.7

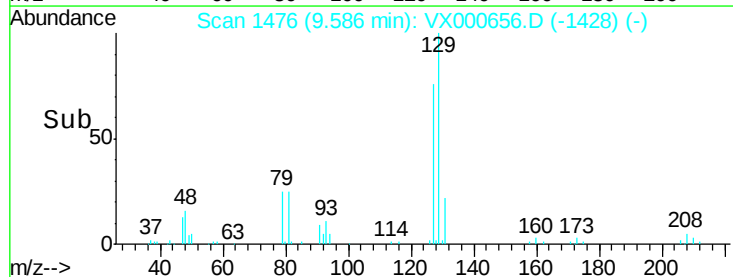
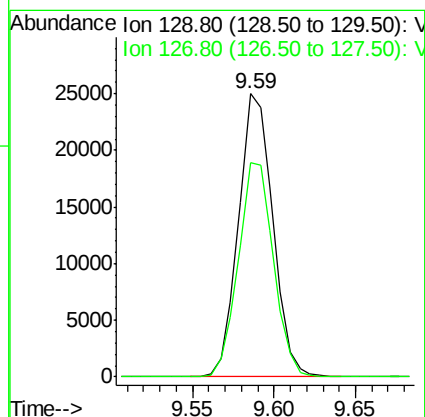
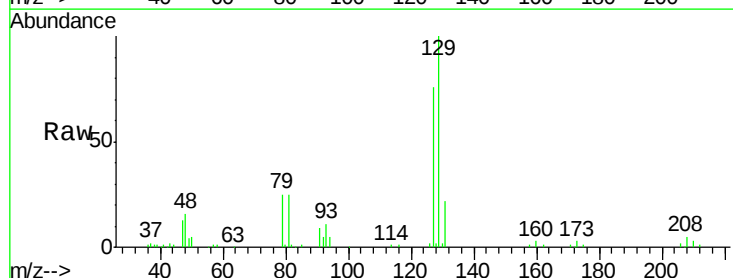
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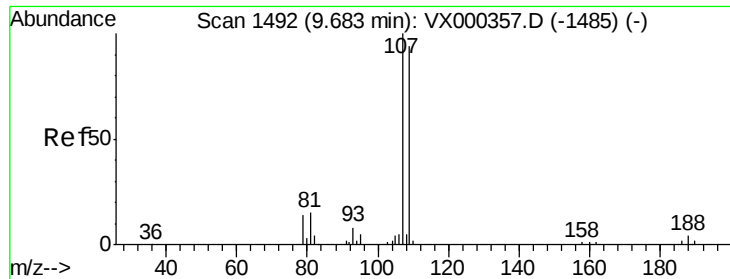
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#60
Dibromochloromethane
Concen: 20.855 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 129 Resp: 36672
Ion Ratio Lower Upper
129 100
127 77.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 21.504 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

Tgt Ion: 107 Resp: 39178

Ion Ratio Lower Upper

107 100

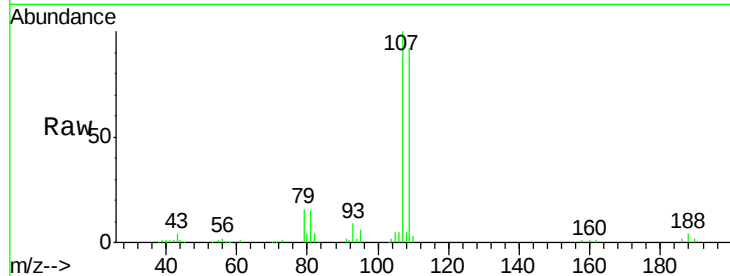
109 91.8 76.1 114.1

Manual Integrations

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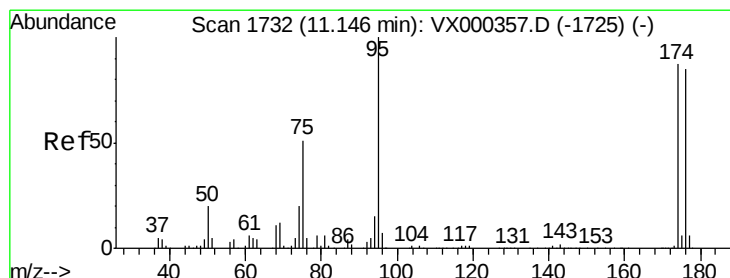
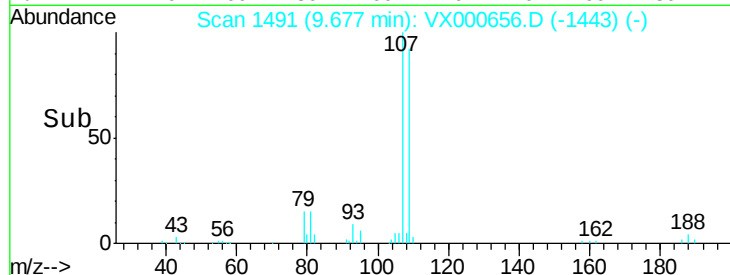
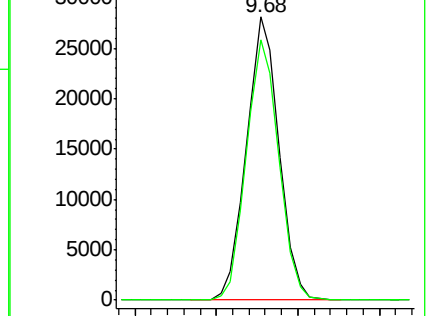
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.652 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

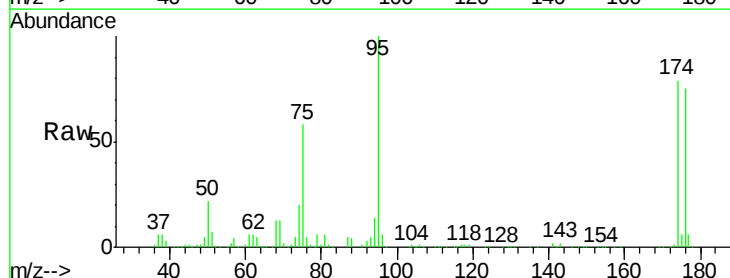
Tgt Ion: 95 Resp: 107906

Ion Ratio Lower Upper

95 100

174 88.4 0.0 173.6

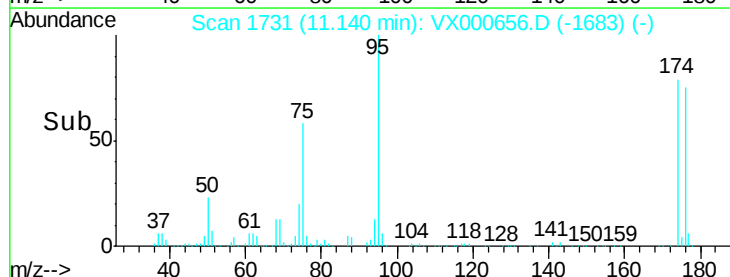
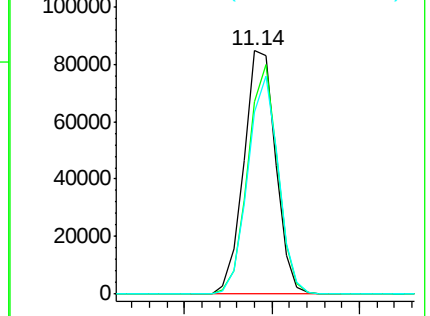
176 85.8 0.0 164.6

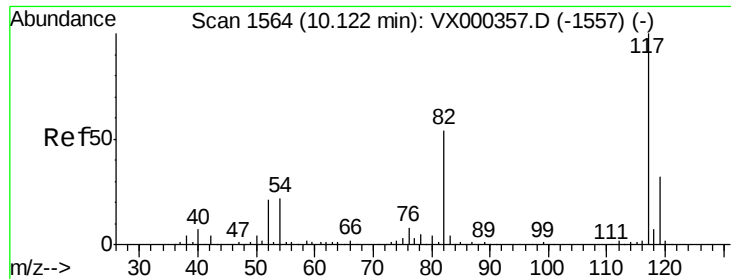


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





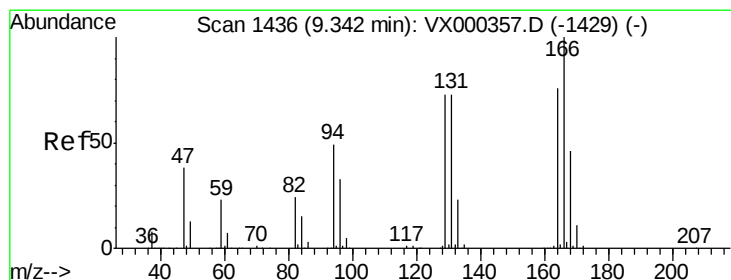
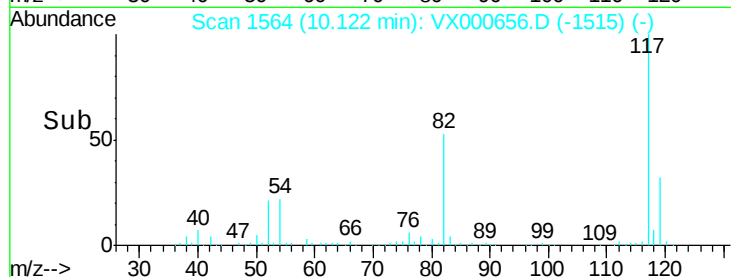
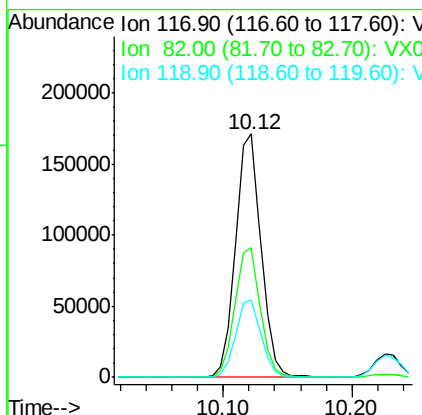
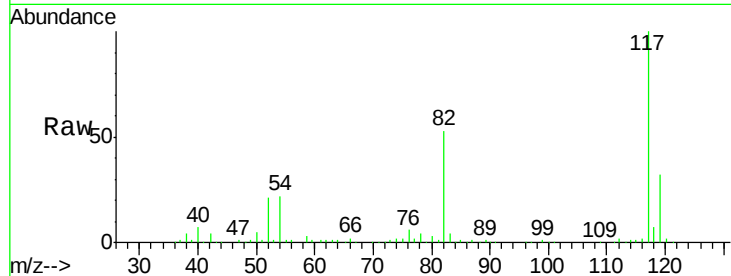
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.8	65.8
119	31.6	24.9	37.3

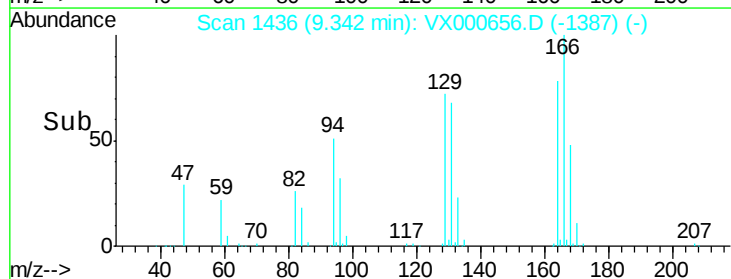
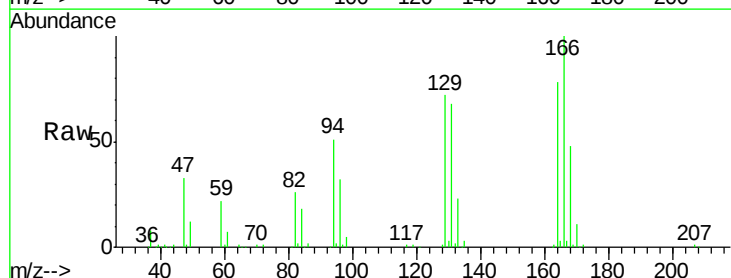
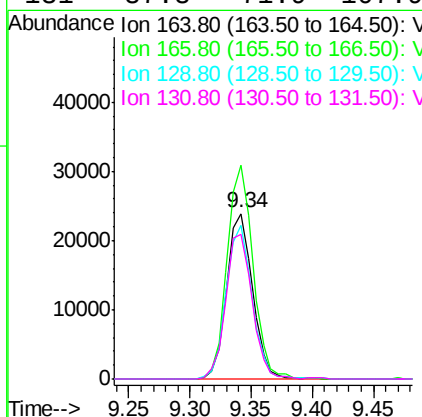
Manual Integrations
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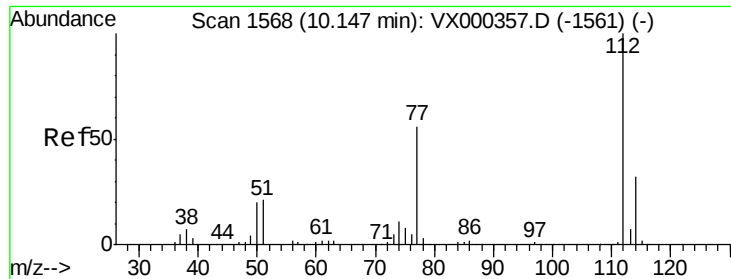
sam
4/4/2018 5:42:54 PM



#64
Tetrachloroethene
Concen: 19.001 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	101.0	151.6
129	93.0	79.0	118.4
131	87.8	71.9	107.9





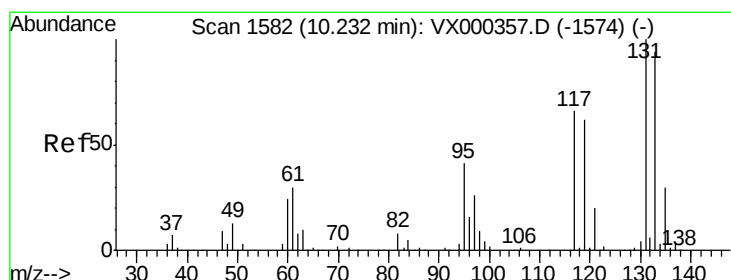
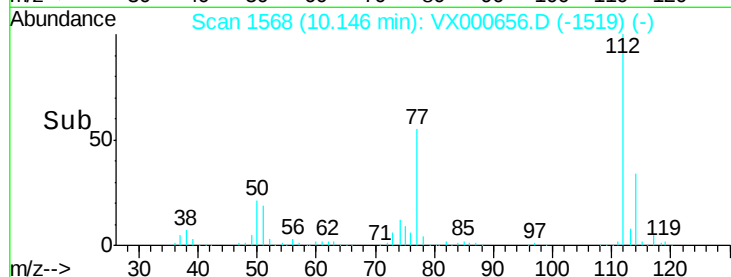
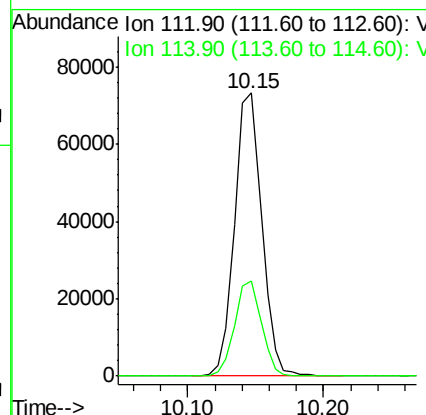
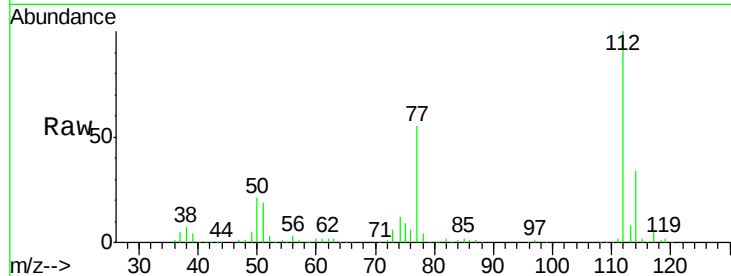
#65
Chlorobenzene
Concen: 19.517 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion:112 Resp: 102538
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5

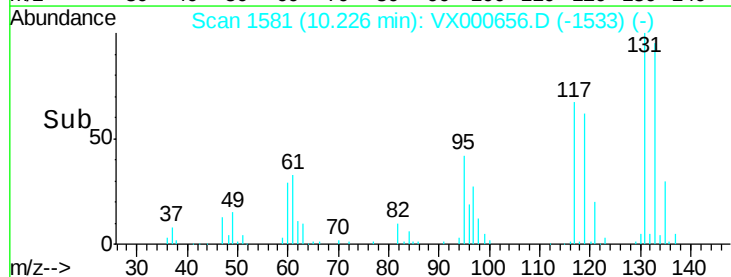
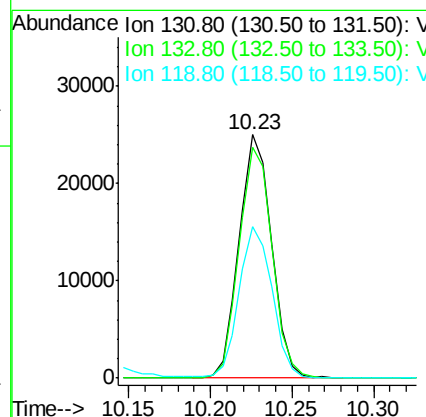
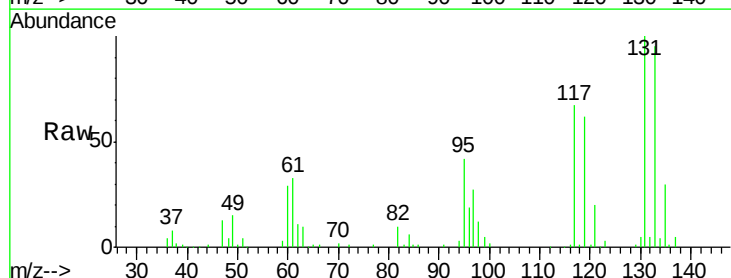
Manual Integrations
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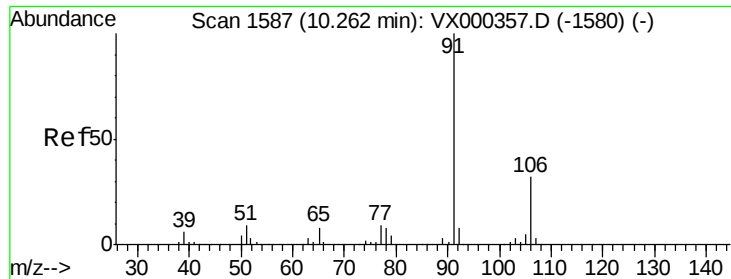
sam
4/4/2018 5:42:54 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.527 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion:131 Resp: 34842
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.3
119 62.8 33.1 99.2





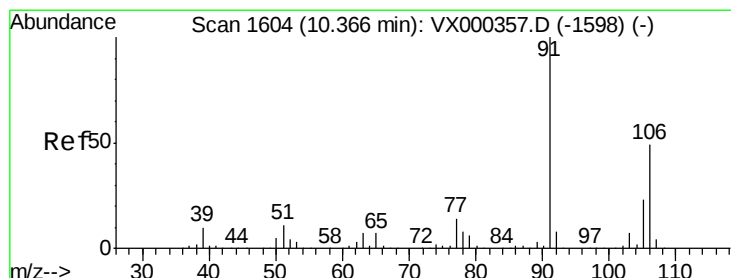
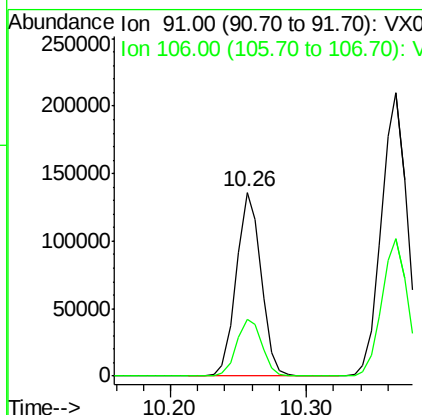
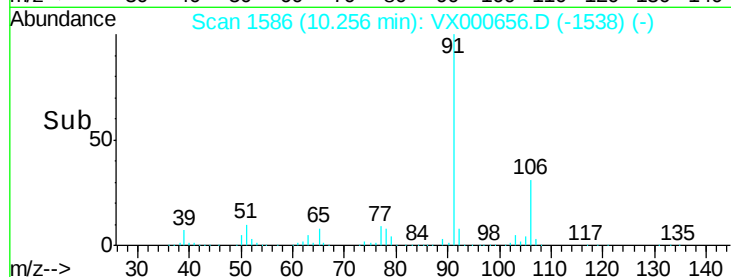
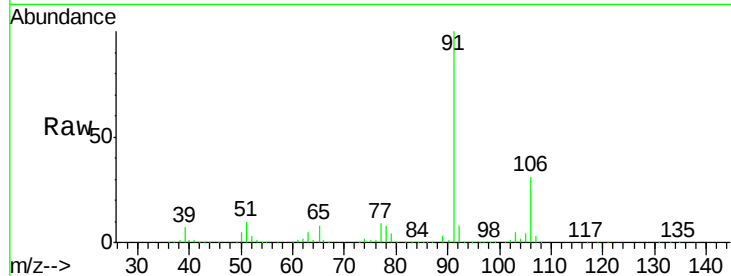
#67
Ethyl Benzene
Concen: 19.383 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion: 91 Resp: 172625
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

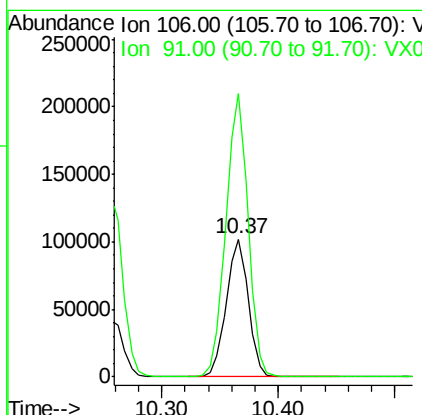
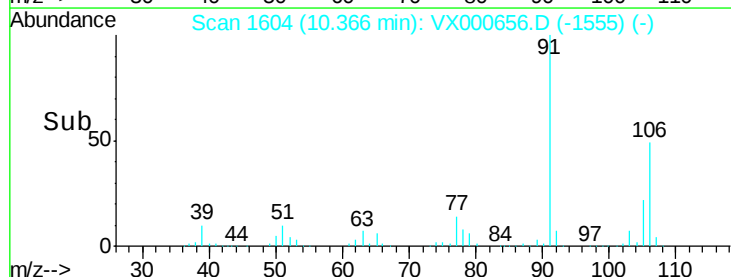
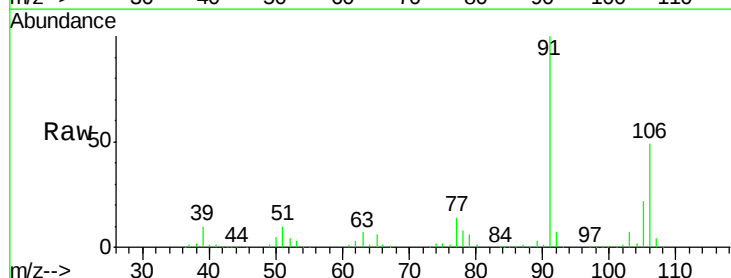
Manual Integrations
APPROVED

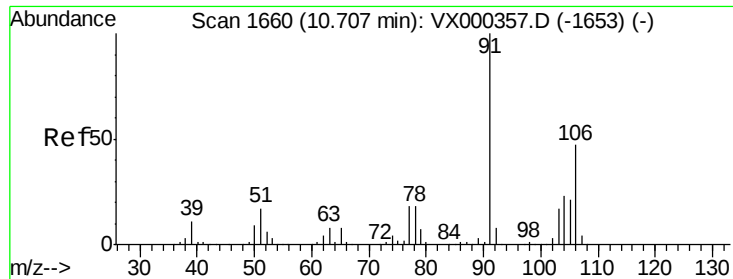
sam
4/4/2018 5:42:54 PM



#68
m/p-Xylenes
Concen: 38.360 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 106 Resp: 134431
Ion Ratio Lower Upper
106 100
91 205.6 163.4 245.2





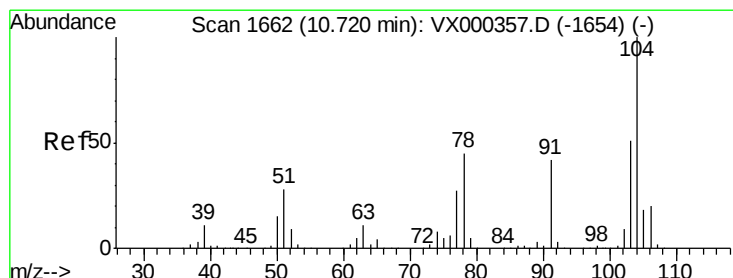
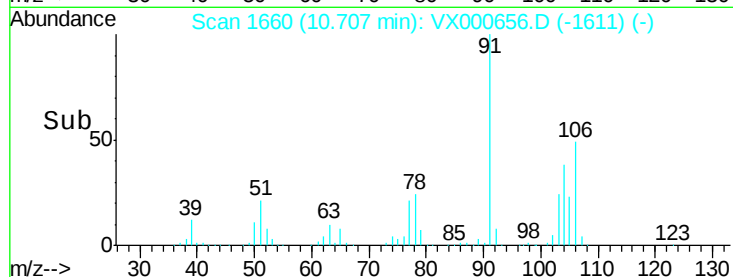
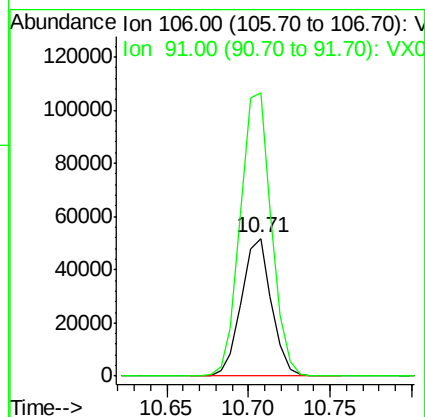
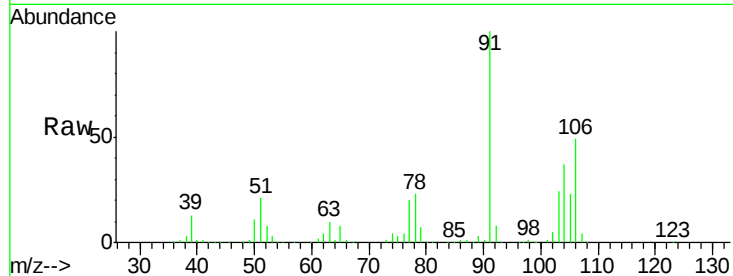
#69
o-Xylene
Concen: 19.550 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion:106 Resp: 66335
Ion Ratio Lower Upper
106 100
91 213.3 106.5 319.6

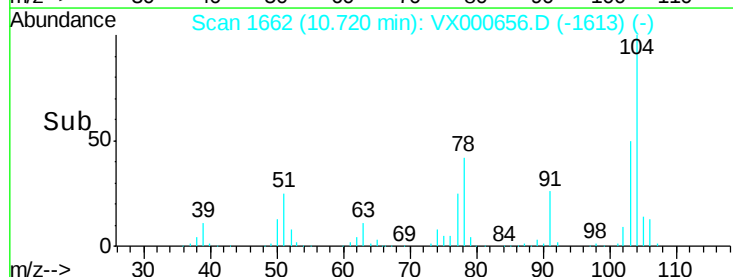
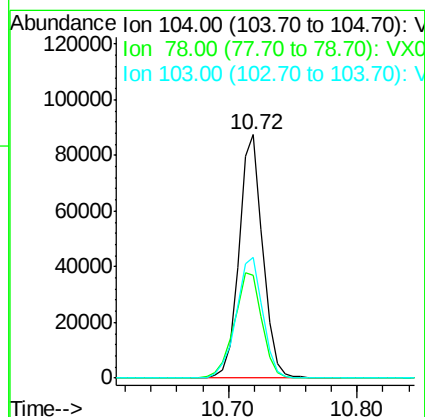
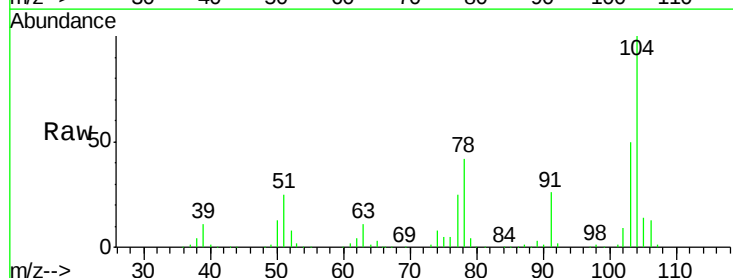
Manual Integrations
APPROVED

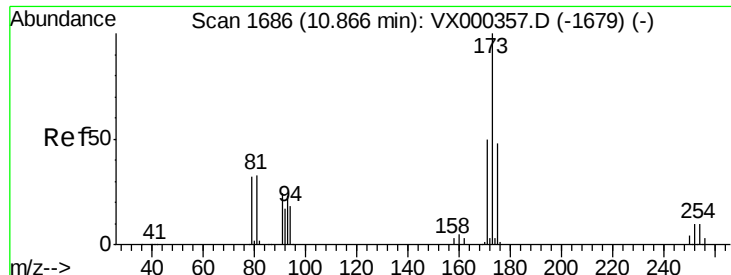
sam
4/4/2018 5:42:54 PM



#70
Styrene
Concen: 19.825 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion:104 Resp: 111308
Ion Ratio Lower Upper
104 100
78 50.8 40.5 60.7
103 55.7 45.7 68.5





#71

Bromoform

Concen: 19.168 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

Tgt Ion:173 Resp: 29592

Ion Ratio Lower Upper

173 100

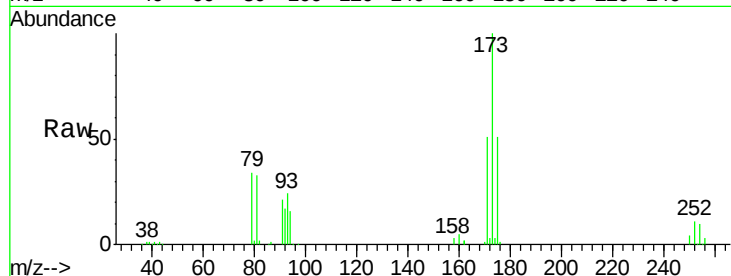
175 49.1 25.4 76.4

254 0.1 0.0 0.0#

Manual Integrations
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sam

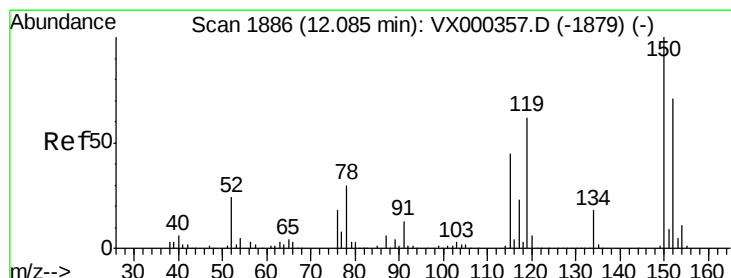
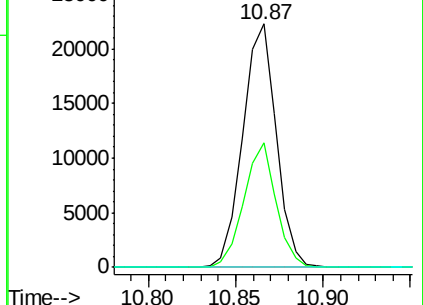
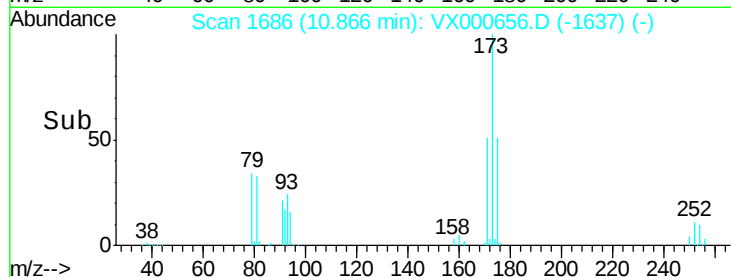
4/4/2018 5:42:54 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

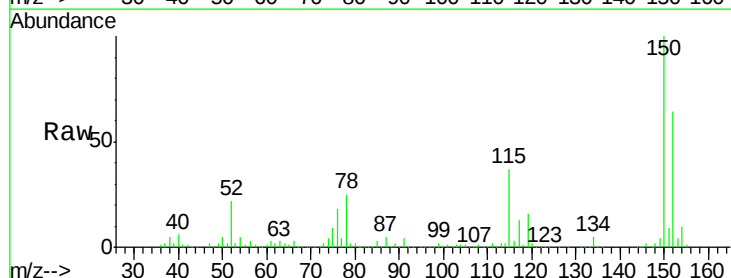
Tgt Ion:152 Resp: 152635

Ion Ratio Lower Upper

152 100

115 65.5 39.8 119.3

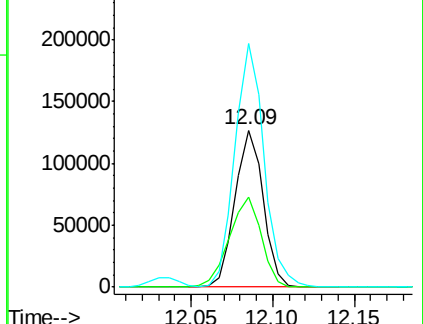
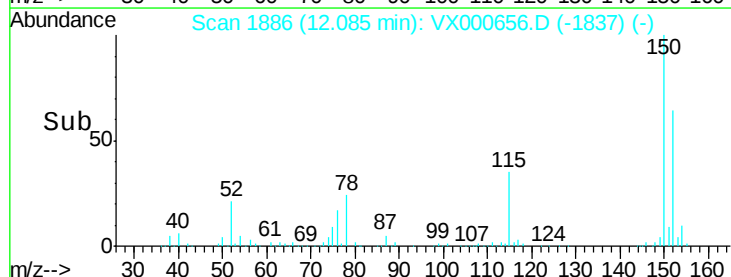
150 161.3 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.302 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampled :

VX0403WBSD01

Tgt Ion: 105 Resp: 185090

Ion Ratio Lower Upper

105 100

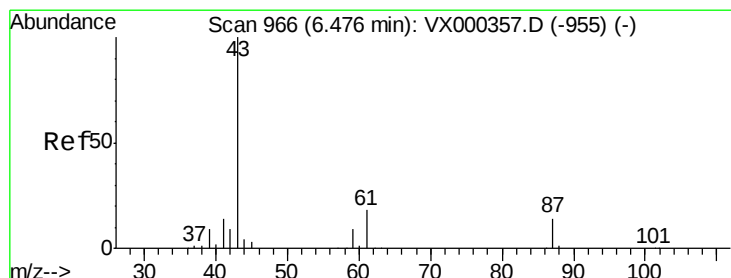
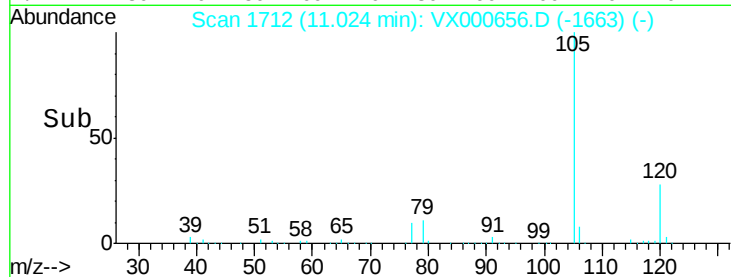
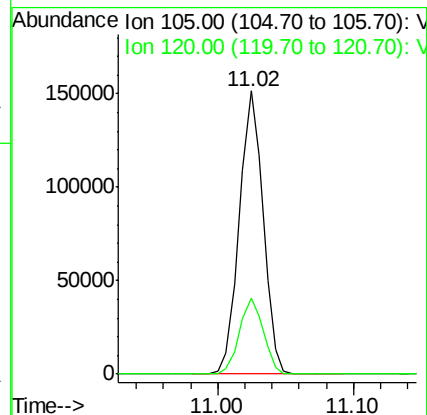
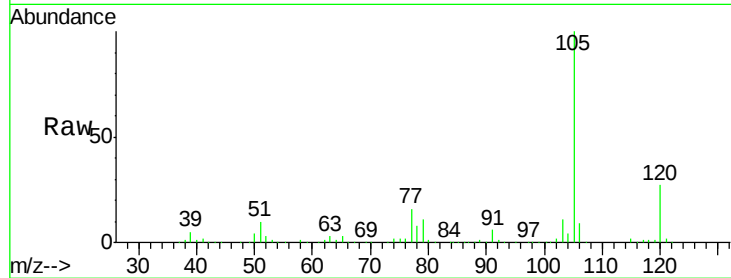
120 27.0 13.6 40.7

Manual Integrations

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sam

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#74

N-ethyl acetate

Concen: 15.827 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion: 43 Resp: 79688

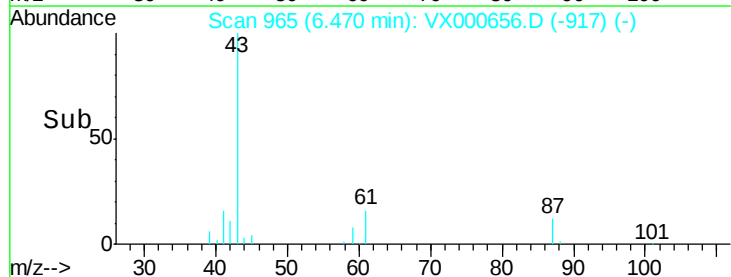
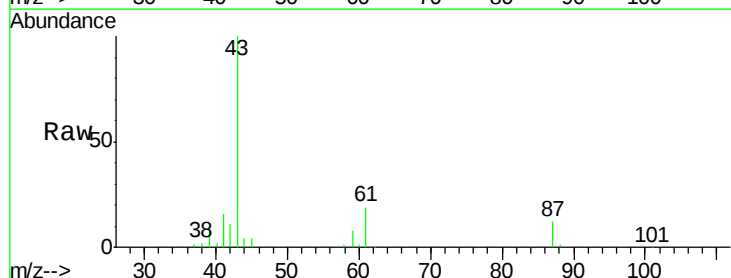
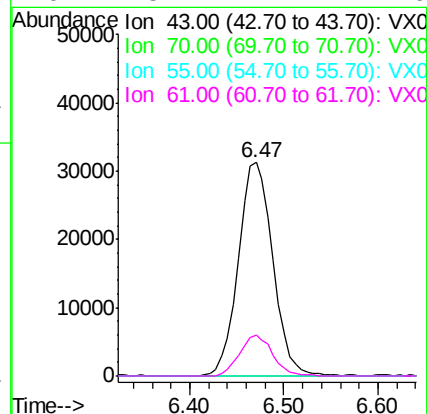
Ion Ratio Lower Upper

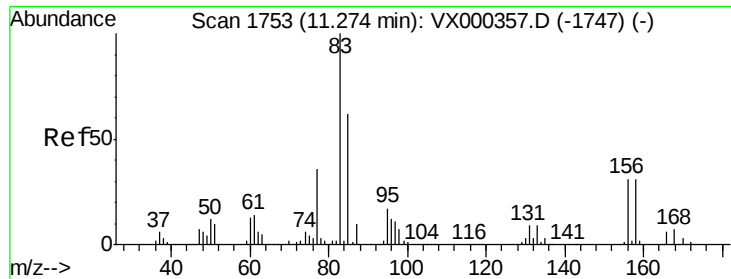
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.716 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampled :

VX0403WBSD01

Tgt Ion: 83 Resp: 66948

Ion Ratio Lower Upper

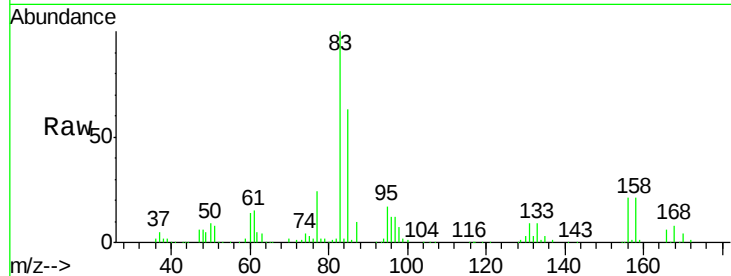
83 100

131 9.5 5.0 14.9

85 64.7 32.5 97.5

Manual Integrations
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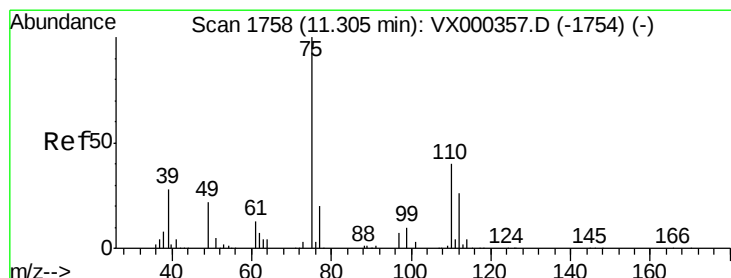
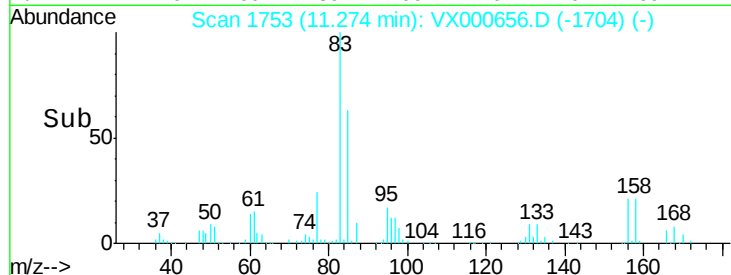
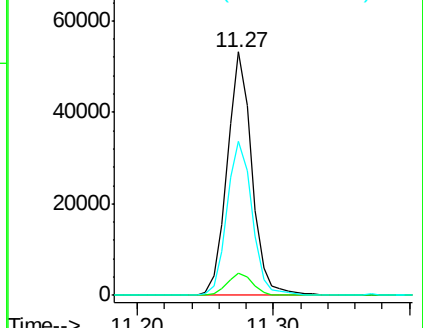
sam
4/4/2018 5:42:54 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 18.714 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000656.D

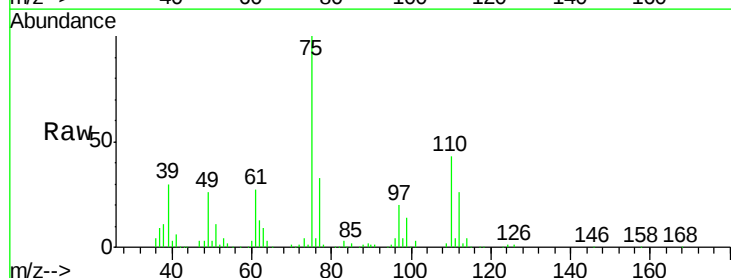
Acq: 03 Apr 2018 17:47

Tgt Ion: 75 Resp: 61386

Ion Ratio Lower Upper

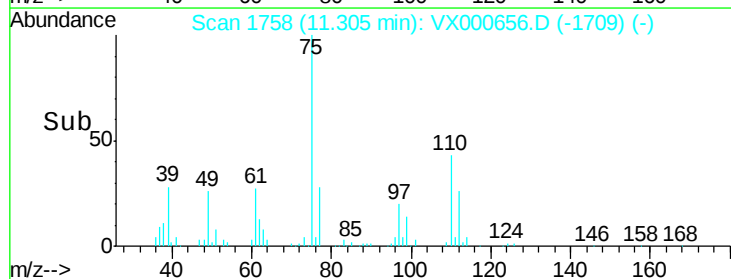
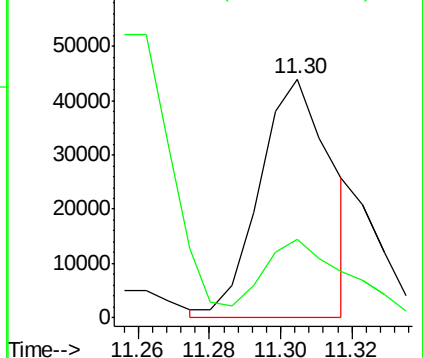
75 100

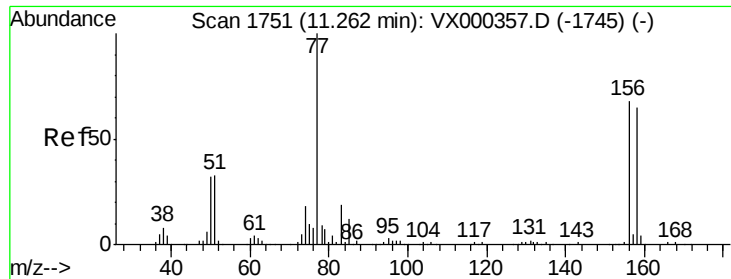
77 38.9 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.391 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

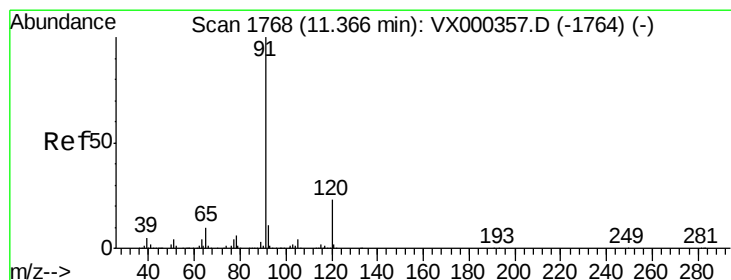
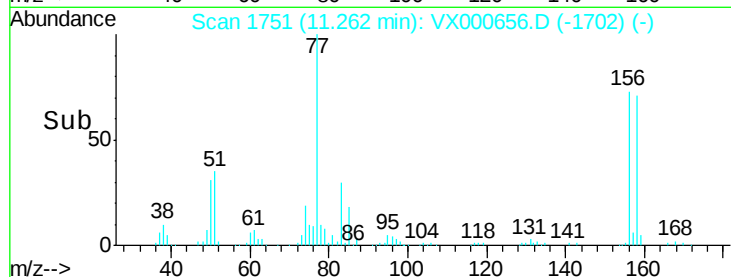
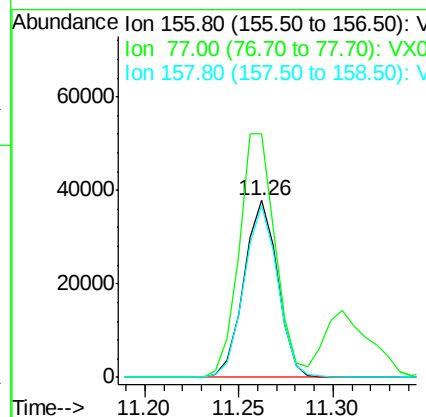
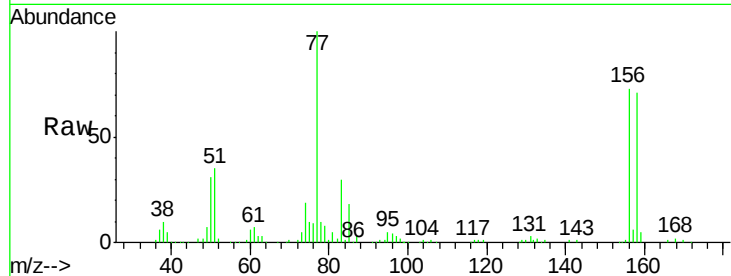
ClientSampled :

VX0403WBSD01

Tgt Ion:	156	Resp:	46853
Ion Ratio	Lower	Upper	
156	100		
77	148.5	73.4	220.2
158	97.3	48.5	145.6

Manual Integrations
APPROVED

sam
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#78

n-propylbenzene

Concen: 19.202 ug/l

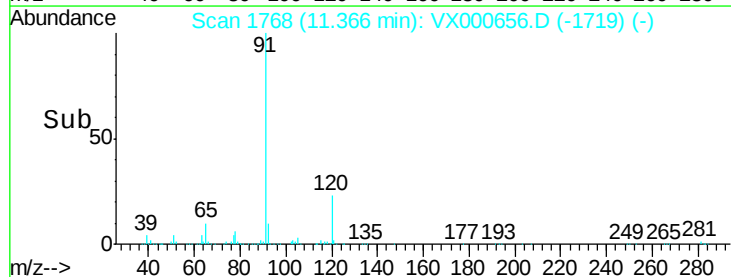
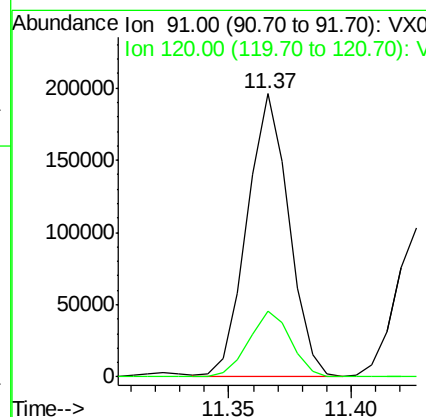
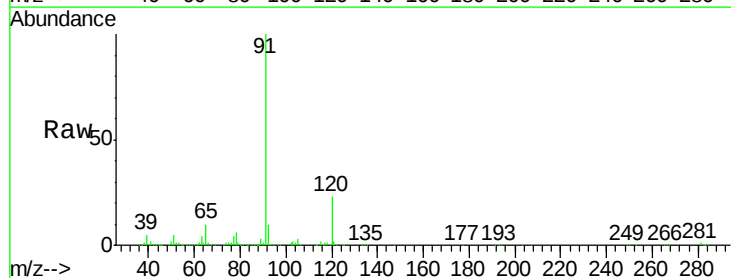
RT: 11.37 min Scan# 1768

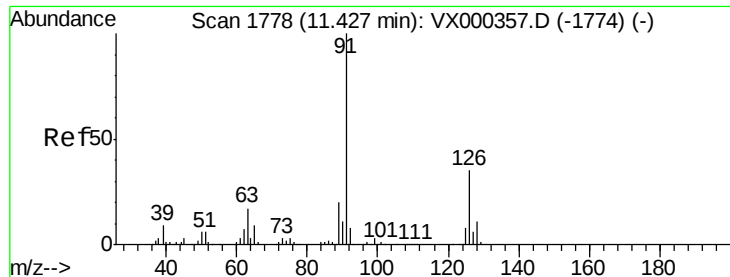
Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion:	91	Resp:	231552
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 18.247 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

Tgt Ion: 91 Resp: 127115

Ion Ratio Lower Upper

91 100

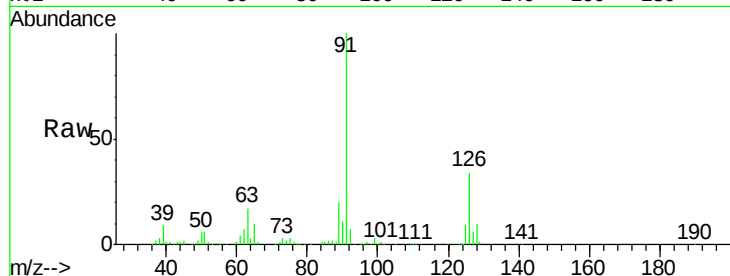
126 35.7 17.7 53.1

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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) (-)

200000

150000

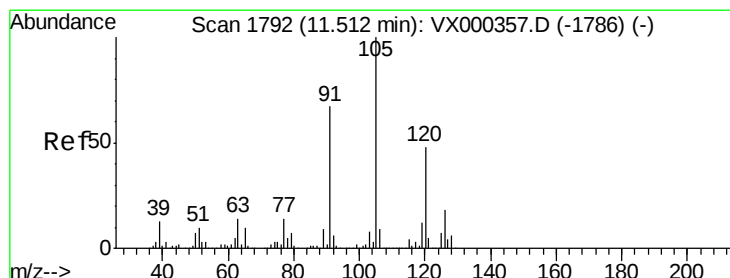
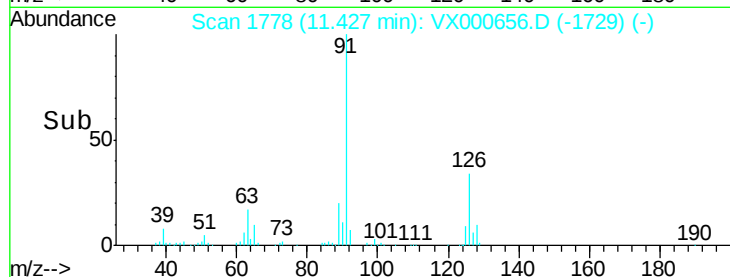
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.537 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000656.D

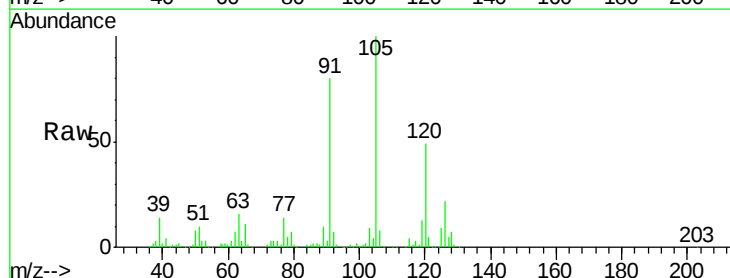
Acq: 03 Apr 2018 17:47

Tgt Ion: 105 Resp: 157626

Ion Ratio Lower Upper

105 100

120 49.7 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) (-)

150000

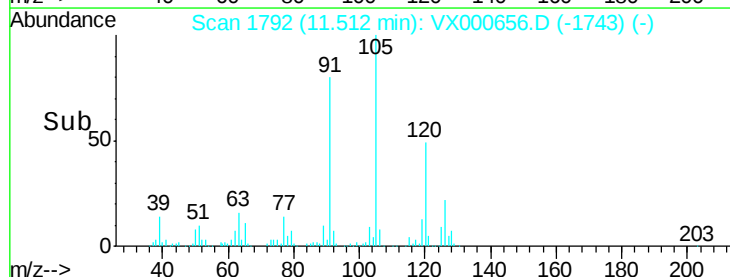
100000

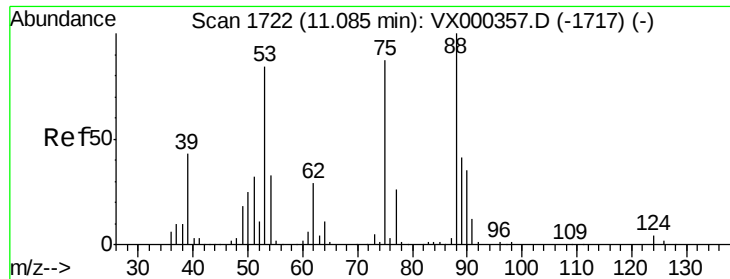
50000

0

11.45 11.55

Time-->





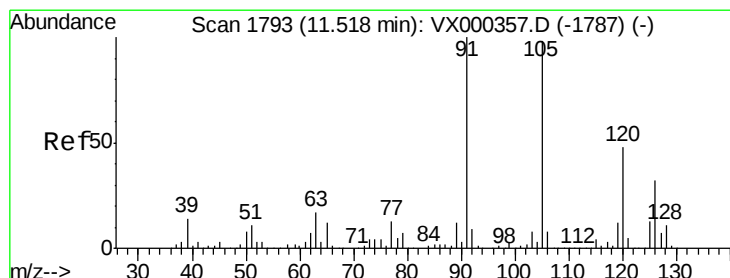
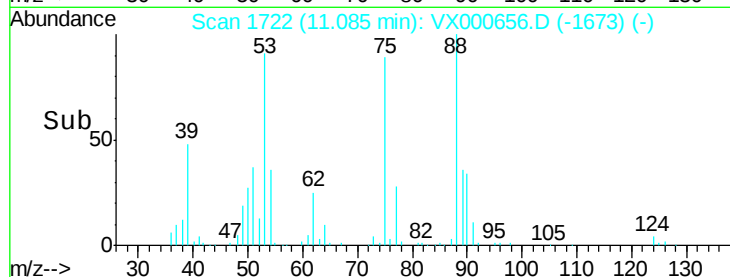
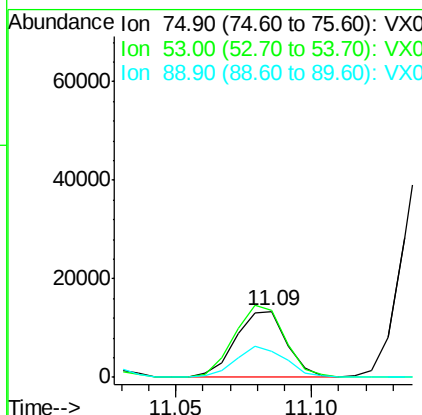
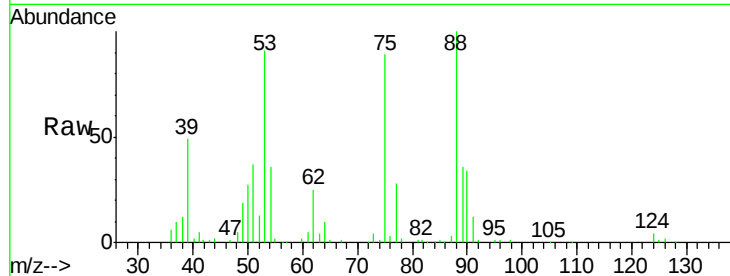
#81
trans-1,4-Dichloro-2-butene
Concen: 17.279 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.7	80.7	121.1
89	46.1	39.4	59.0

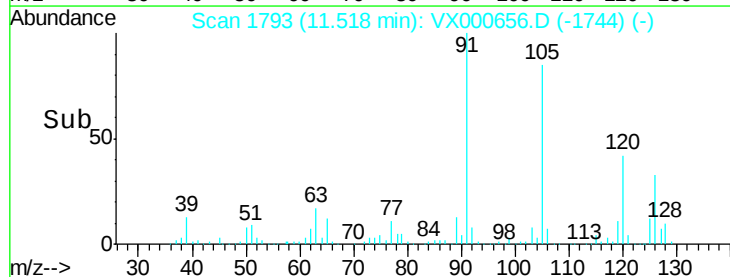
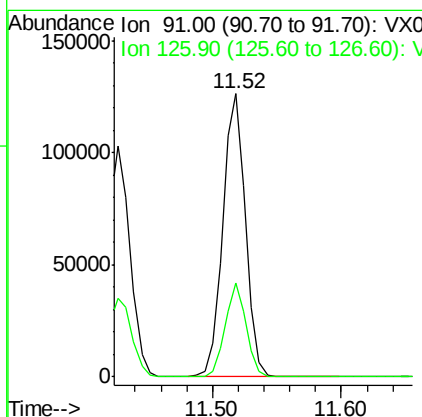
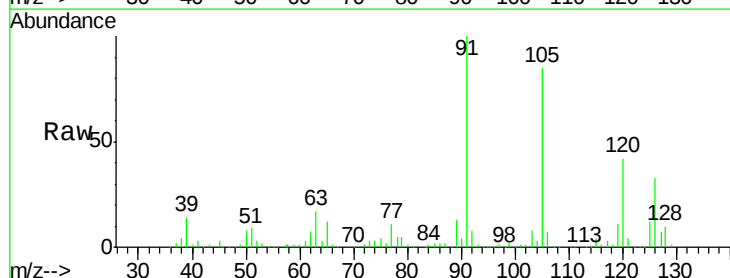
Manual Integrations
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#82
4-Chlorotoluene
Concen: 18.843 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.1





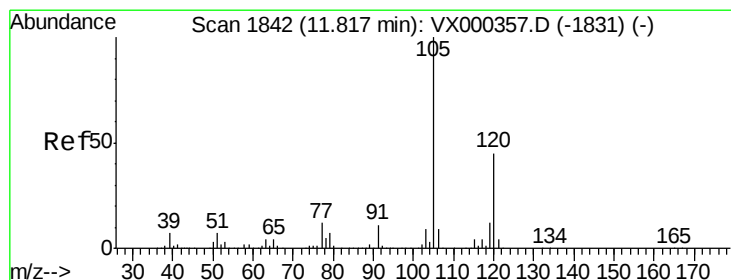
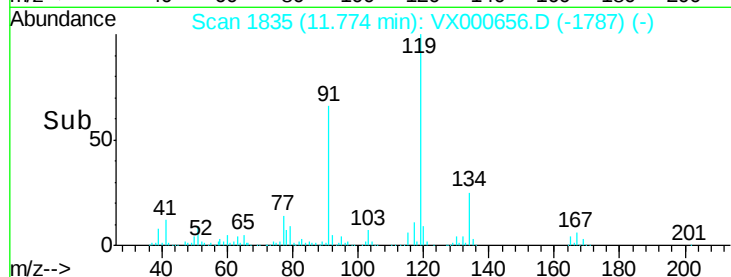
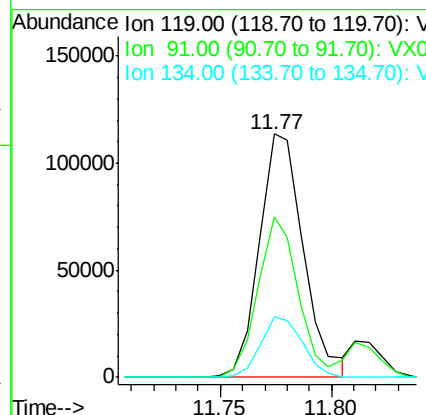
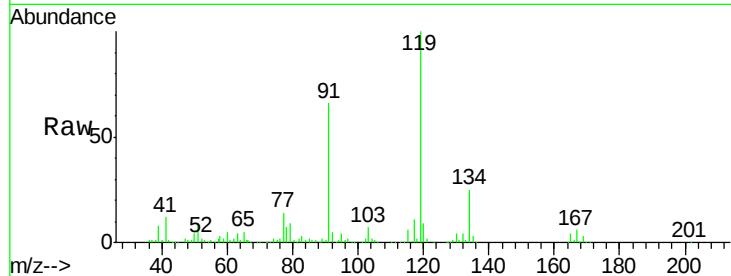
#83
 tert-Butylbenzene
 Concen: 18.245 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	156472		
91	60.3	28.8	86.4	
134	23.5	11.4	34.1	

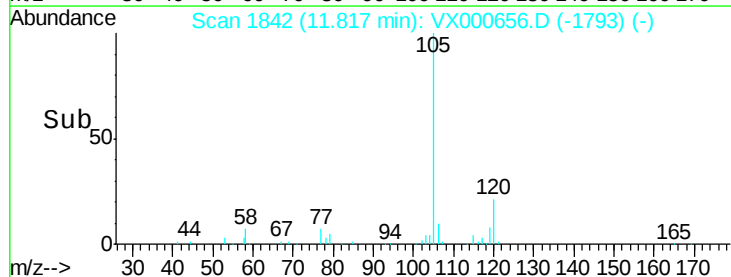
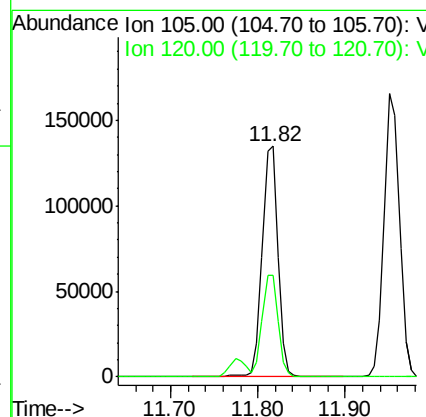
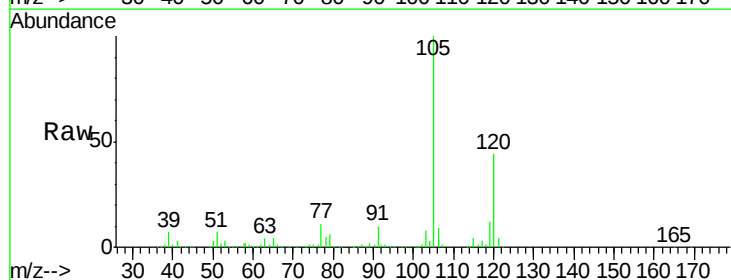
Manual Integrations
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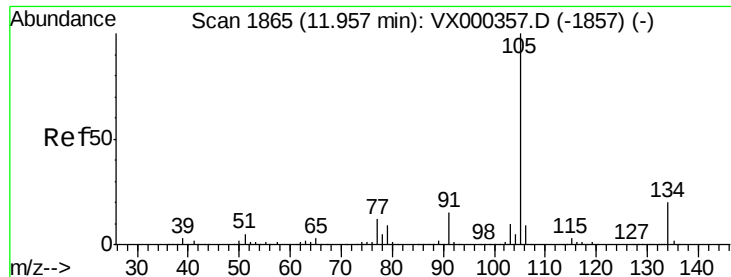
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.794 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167558		
120	44.5	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.149 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampled :

VX0403WBSD01

Tgt Ion:105 Resp: 203195

Ion Ratio Lower Upper

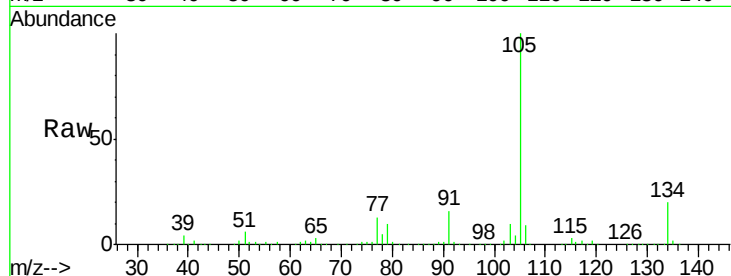
105 100

134 20.3 10.3 30.8

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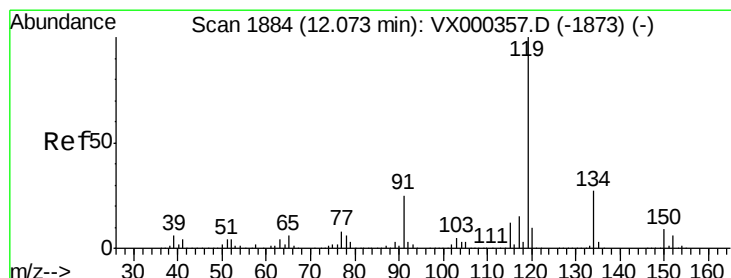
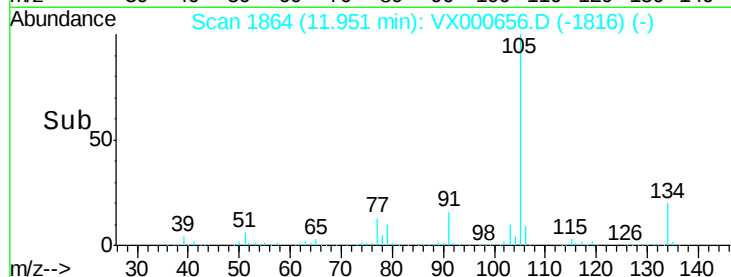
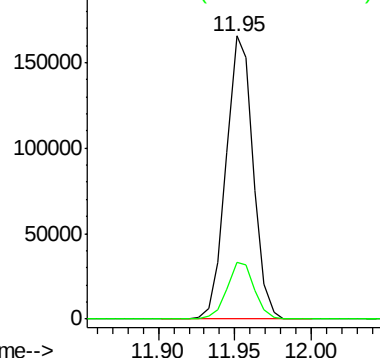
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.284 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

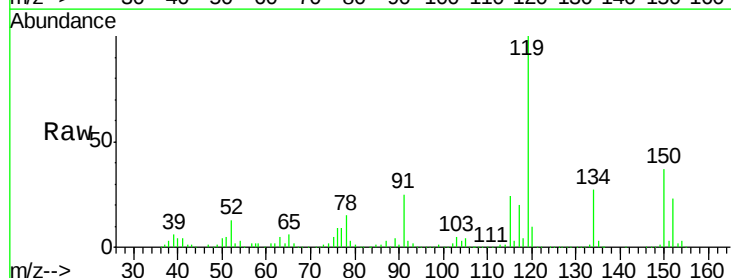
Tgt Ion:119 Resp: 181738

Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.9

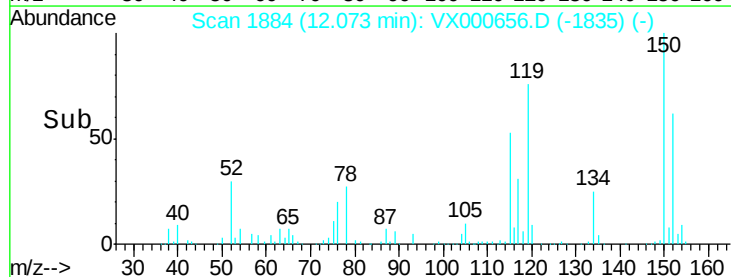
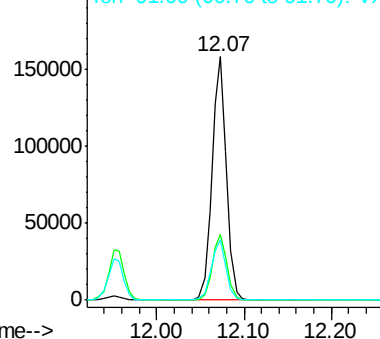
91 25.2 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





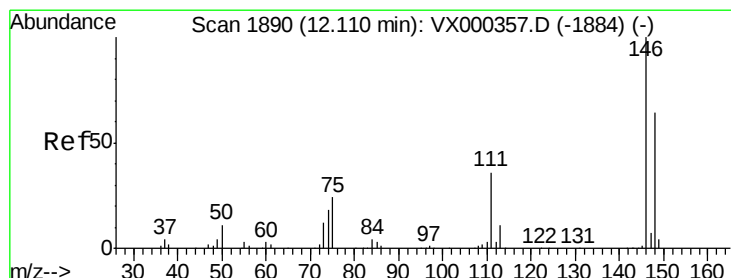
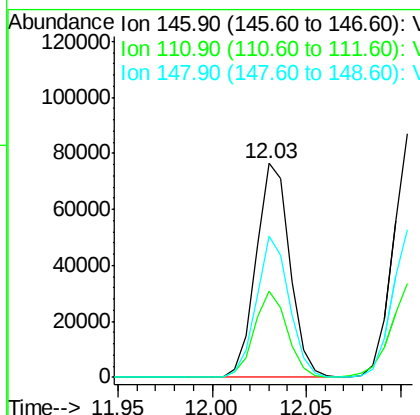
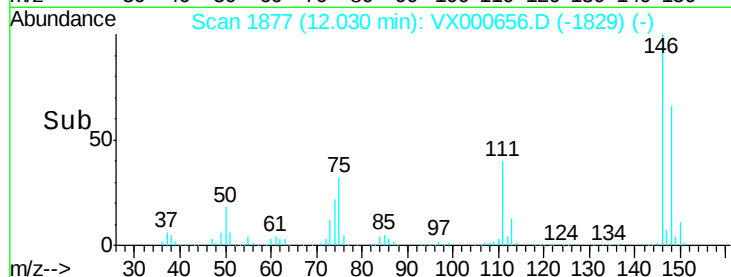
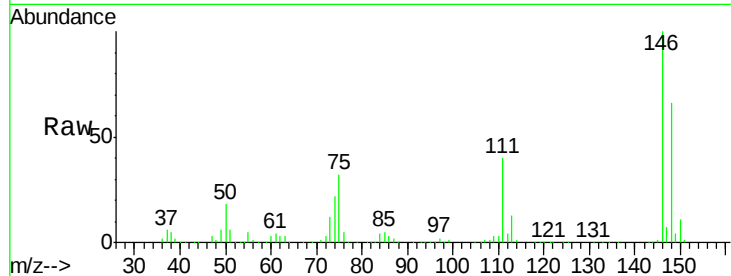
#87
 1,3-Dichlorobenzene
 Concen: 18.670 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	64.0	32.4	97.0

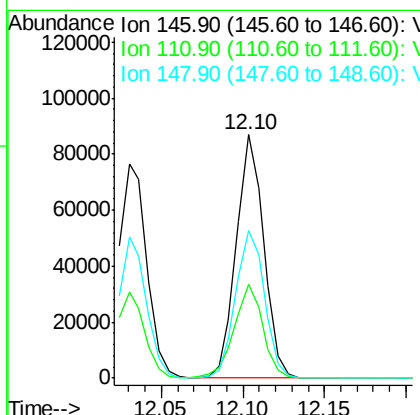
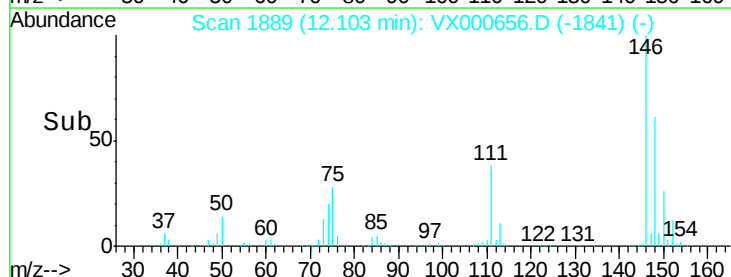
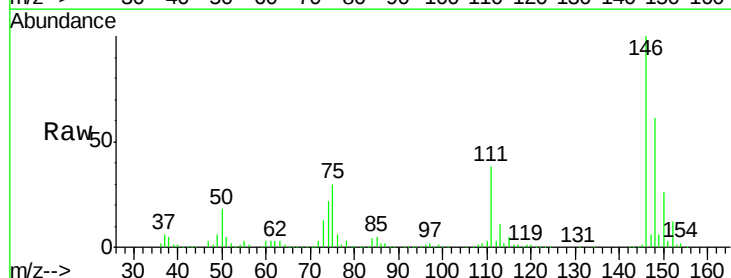
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#88
 1,4-Dichlorobenzene
 Concen: 19.056 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.9	56.9
148	64.2	31.0	93.0





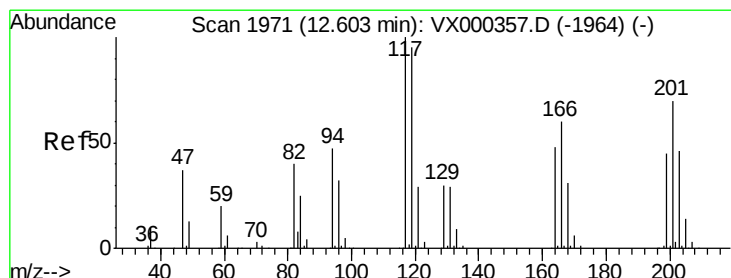
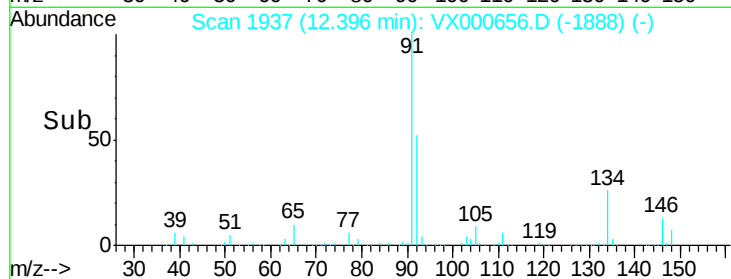
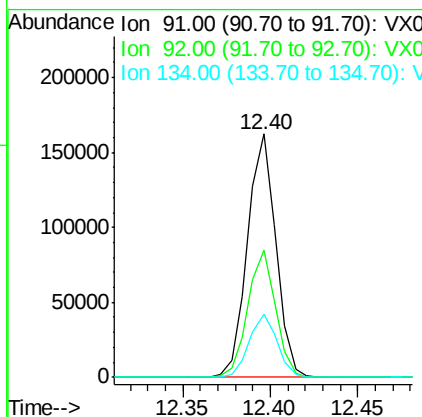
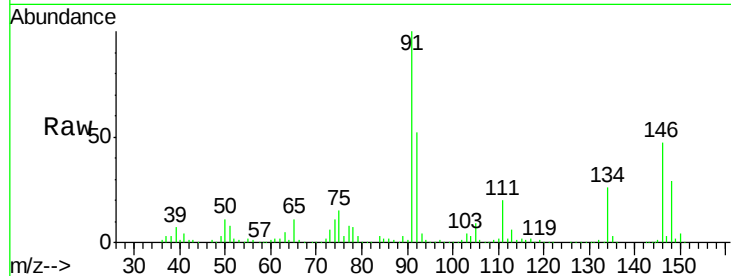
#89
n-Butylbenzene
Concen: 20.851 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	182962		
92	51.1	25.9	77.8	
134	25.8	13.1	39.3	

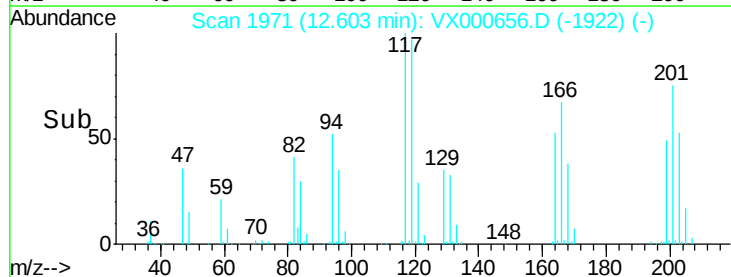
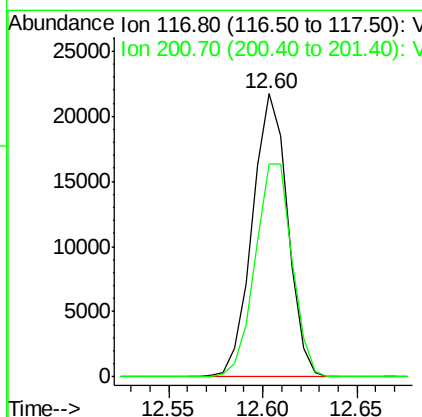
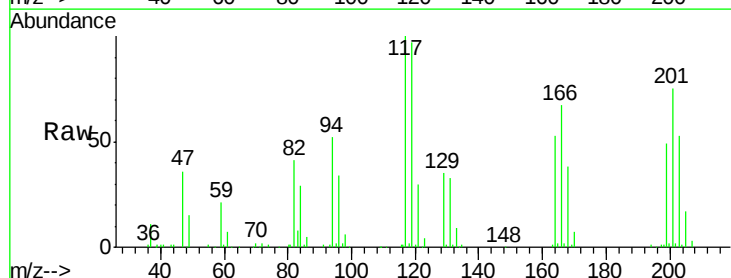
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#90
Hexachloroethane
Concen: 19.015 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28206		
201	78.8	37.9	113.6	





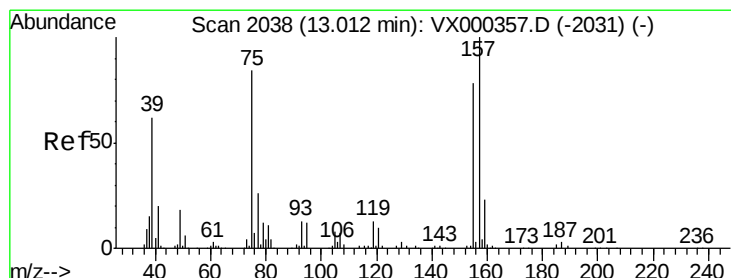
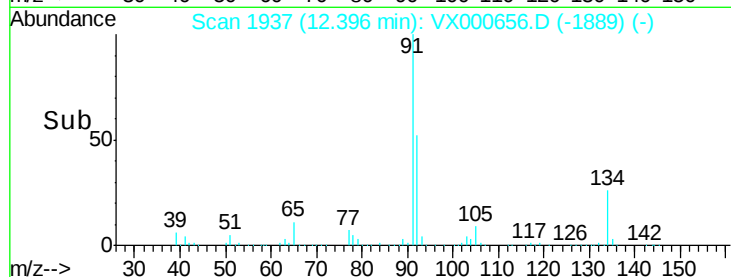
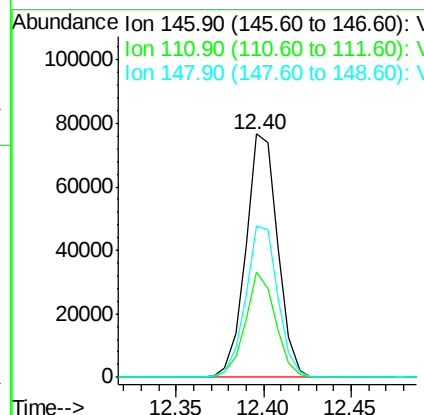
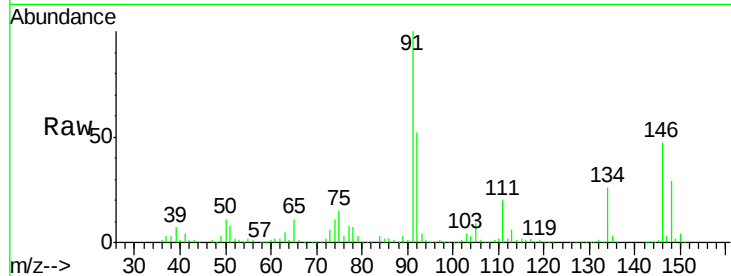
#91
 1,2-Dichlorobenzene
 Concen: 19.420 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0403WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	96986		
111	41.0	20.1	60.2	
148	62.5	31.2	93.6	

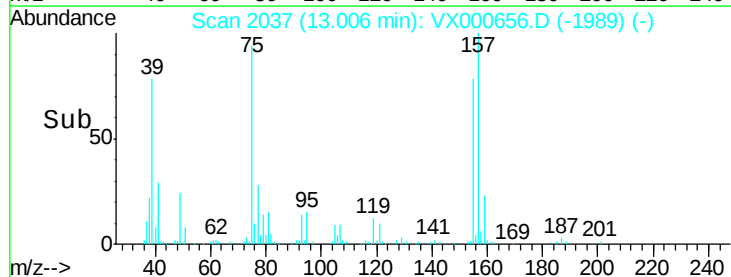
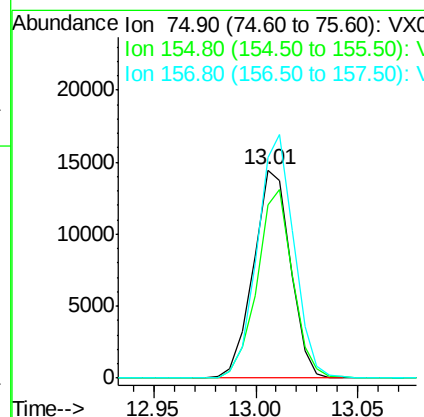
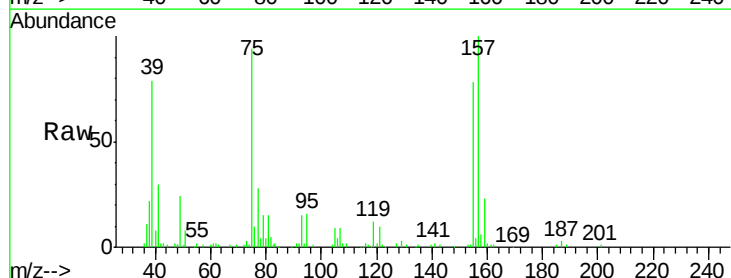
Manual Integrations
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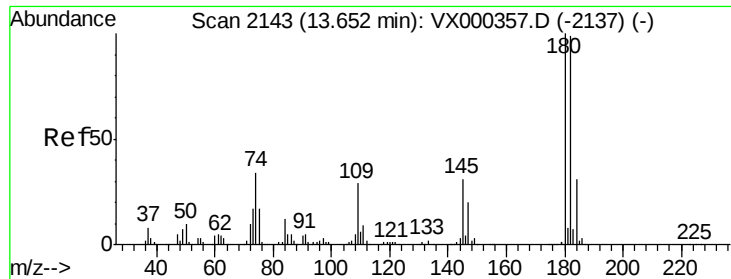
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.272 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18228		
155	87.6	45.0	134.8	
157	116.0	58.1	174.2	





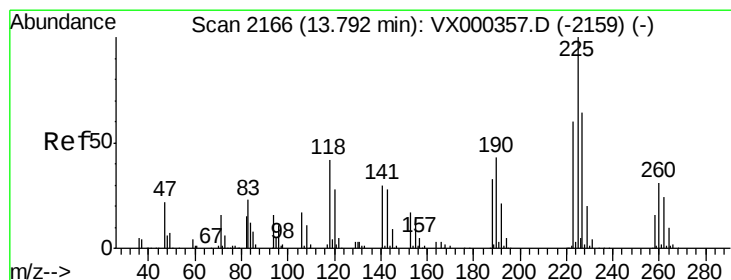
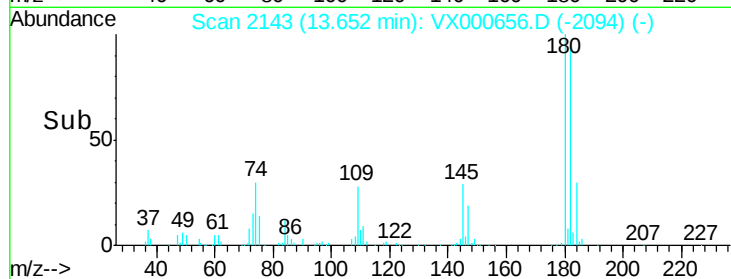
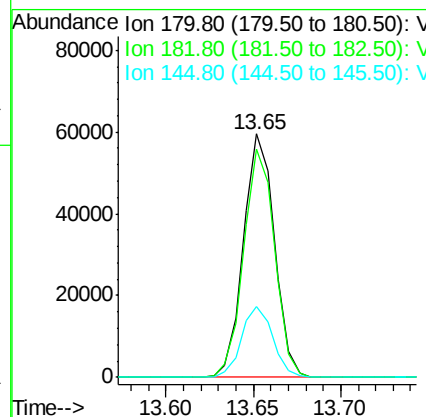
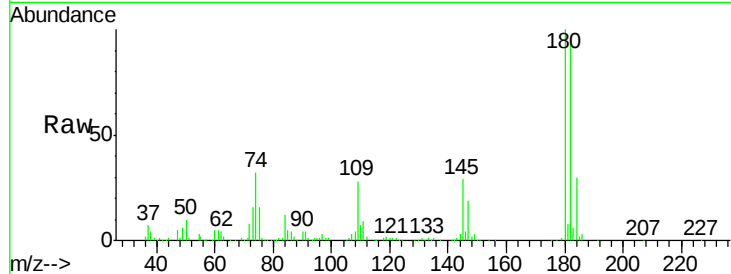
#93
1,2,4-Trichlorobenzene
Concen: 20.435 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.9
145	29.4	15.1	45.3

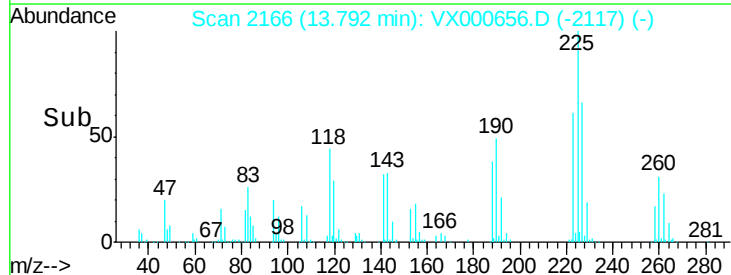
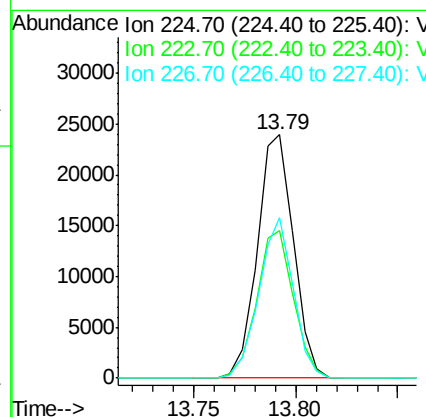
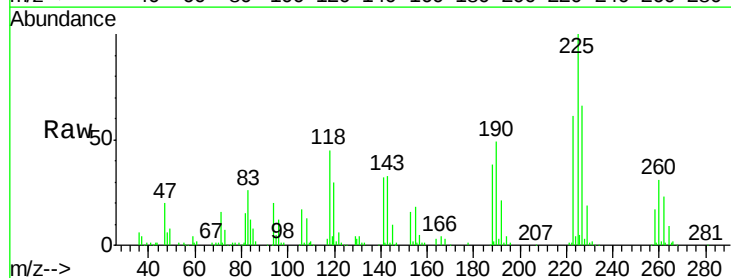
Manual Integrations
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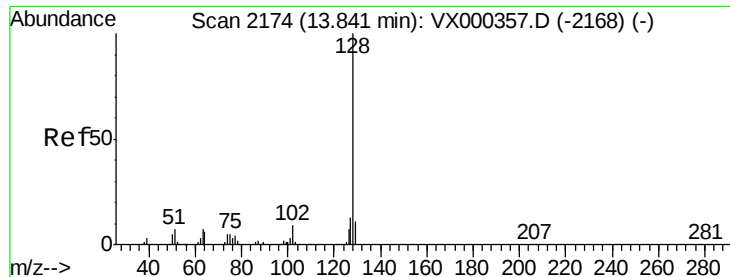
sam
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#94
Hexachlorobutadiene
Concen: 19.894 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.0	96.0
227	62.9	32.6	98.0





#95

Naphthalene

Concen: 19.741 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

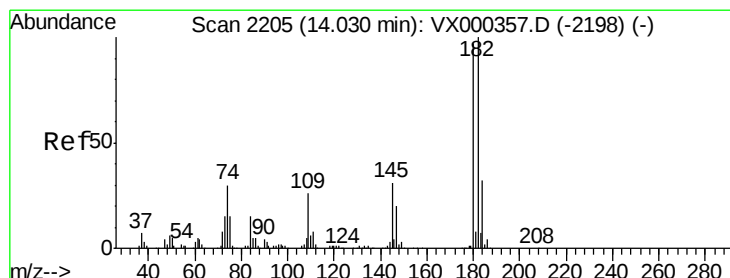
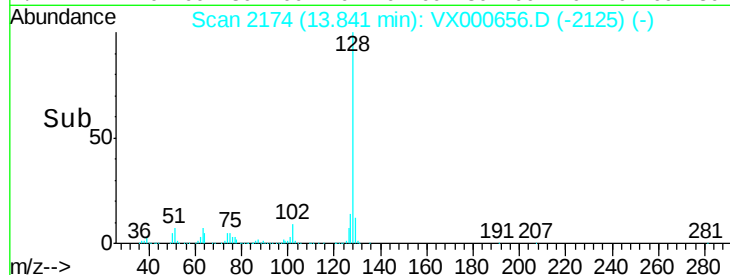
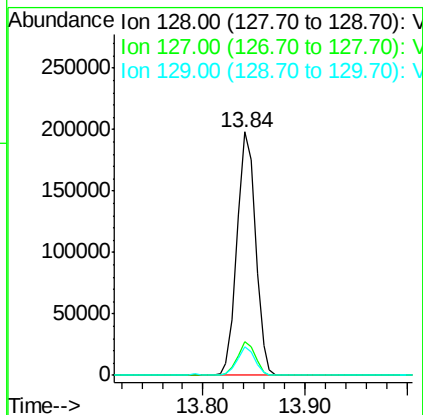
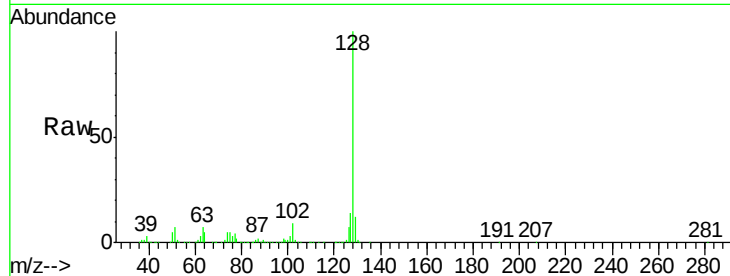
ClientSampled :

VX0403WBSD01

Tgt Ion:	128	Resp:	246208
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.4	8.9	13.3

Manual Integrations
APPROVED

sam
4/4/2018 5:42:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.580 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion:	180	Resp:	72806
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.4	142.3
145	31.4	15.8	47.3

