

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000376.D
 Acq On : 21 Mar 2018 11:24
 Operator : JC/MD
 Sample : VX0321WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Manual Integrations
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 3/22/2018 2:44:21 PM

Quant Time: Mar 22 05:59:51 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	114510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	182189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	71111	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	5.51	113	55335	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.73	98	232692	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.15	95	83826	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20152	15.97	ug/l	96
3) Chloromethane	1.32	50	21750	16.36	ug/l	99
4) Vinyl Chloride	1.41	62	23152	16.48	ug/l	95
5) Bromomethane	1.65	94	20489	12.22	ug/l	98
6) Chloroethane	1.73	64	15695	19.44	ug/l	98
7) Trichlorofluoromethane	1.93	101	41343	16.31	ug/l	100
8) Diethyl Ether	2.19	74	14395	15.89	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23138	16.36	ug/l	98
10) Methyl Iodide	2.52	142	19987	17.32	ug/l	97
11) Tert butyl alcohol	3.06	59	40937	79.62	ug/l	99
12) 1,1-Dichloroethene	2.38	96	20018	16.13	ug/l	95
13) Acrolein	2.30	56	12059	83.75	ug/l	99
14) Allyl chloride	2.73	41	37556	17.07	ug/l	96
15) Acrylonitrile	3.15	53	85134	81.75	ug/l	98
16) Acetone	2.45	43	97046	78.05	ug/l	96
17) Carbon Disulfide	2.58	76	52148	15.80	ug/l	99
18) Methyl Acetate	2.78	43	43498	16.69	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	74536	16.24	ug/l	94
20) Methylene Chloride	2.87	84	22933	15.97	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	21466	15.50	ug/l	92
22) Diisopropyl ether	3.88	45	69590	17.94	ug/l	93
23) Vinyl Acetate	3.83	43	335453	91.20	ug/l	99
24) 1,1-Dichloroethane	3.71	63	41229	16.90	ug/l	99
25) 2-Butanone	4.71	43	111942	80.09	ug/l	97
26) 2,2-Dichloropropane	4.59	77	28838	16.87	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	20234	15.64	ug/l	97
28) Bromochloromethane	5.03	49	16503	16.41	ug/l	99
29) Tetrahydrofuran	5.17	42	67862	78.92	ug/l	98
30) Chloroform	5.23	83	37135	16.24	ug/l	91
31) Cyclohexane	5.58	56	29338	15.56	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	32914	15.96	ug/l	99
36) 1,1-Dichloropropene	5.81	75	27397	16.09	ug/l	98
37) Ethyl Acetate	4.87	43	38032	16.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	27918	15.63	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	35237	17.02	ug/l	97
40) Benzene	6.15	78	80991	16.38	ug/l	99
41) Methacrylonitrile	5.06	41	18809	15.34	ug/l	96
42) 1,2-Dichloroethane	6.21	62	32277	16.64	ug/l	99
43) Isopropyl Acetate	6.48	43	55630	16.07	ug/l	99
44) Trichloroethene	7.22	130	23278	16.43	ug/l	91
45) 1,2-Dichloropropane	7.52	63	21717	17.16	ug/l	92
46) Dibromomethane	7.67	93	16474	16.58	ug/l	95
47) Bromodichloromethane	7.91	83	29549	16.91	ug/l	98
48) Methyl methacrylate	7.79	41	27628	16.44	ug/l	99
49) 1,4-Dioxane	7.77	88	11639	329.45	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	220767	82.39	ug/l	99
52) Toluene	8.79	92	57446	16.62	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	33846	16.71	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	31535	16.05	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	23081	16.24	ug/l	96
56) Ethyl methacrylate	9.19	69	34967	16.23	ug/l	95
57) 1,3-Dichloropropane	9.38	76	39253	17.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	85128	82.35	ug/l	99
59) 2-Hexanone	9.51	43	186893	82.14	ug/l	99
60) Dibromochloromethane	9.59	129	23411	16.89	ug/l	98
61) 1,2-Dibromoethane	9.68	107	26144	17.15	ug/l	95
64) Tetrachloroethene	9.34	164	24358	17.23	ug/l	96
65) Chlorobenzene	10.15	112	65436	16.14	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	23263	16.89	ug/l	97
67) Ethyl Benzene	10.26	91	113979	16.58	ug/l	97
68) m/p-Xylenes	10.37	106	86065	31.82	ug/l	99
69) o-Xylene	10.71	106	41409	15.81	ug/l	100
70) Styrene	10.72	104	67470	15.57	ug/l	99
71) Bromoform	10.87	173	18053	16.15	ug/l #	97
73) Isopropylbenzene	11.02	105	114668	17.69	ug/l	100
74) N-amyl acetate	6.48	43	55630	17.56	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	41711	18.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	37627m	17.90	ug/l	
77) Bromobenzene	11.26	156	29128	16.87	ug/l	99
78) n-propylbenzene	11.37	91	134000	17.34	ug/l	100
79) 2-Chlorotoluene	11.43	91	75206	16.85	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	94844	17.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	10765	16.58	ug/l	93
82) 4-Chlorotoluene	11.52	91	90080	16.90	ug/l	100
83) tert-Butylbenzene	11.78	119	93019	16.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	98638	17.27	ug/l	100
85) sec-Butylbenzene	11.96	105	118688	17.45	ug/l	99
86) p-Isopropyltoluene	12.07	119	102732	17.01	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	53472	16.38	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	54816	16.00	ug/l	95
89) n-Butylbenzene	12.40	91	94023	16.72	ug/l	98
90) Hexachloroethane	12.60	117	16597	17.46	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	54566	17.05	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	10998	17.20	ug/l	90

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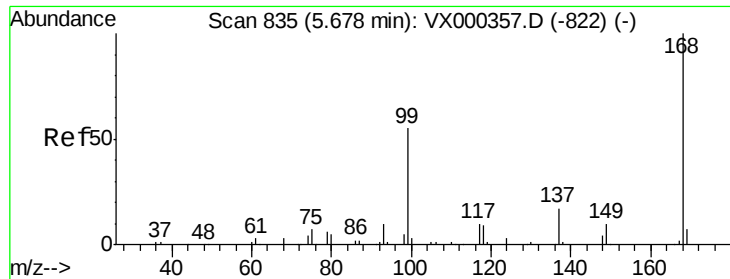
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	36711	16.00	ug/l	99
94) Hexachlorobutadiene	13.79	225	17311	18.22	ug/l	99
95) Naphthalene	13.85	128	135721	16.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	38862	17.14	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion:168 Resp: 114510

Ion Ratio Lower Upper

168 100

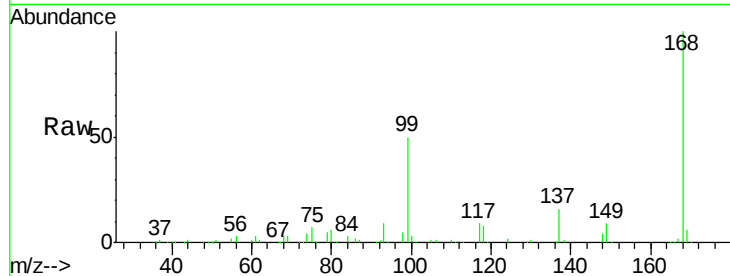
99 50.0 45.8 68.6

Manual Integrations

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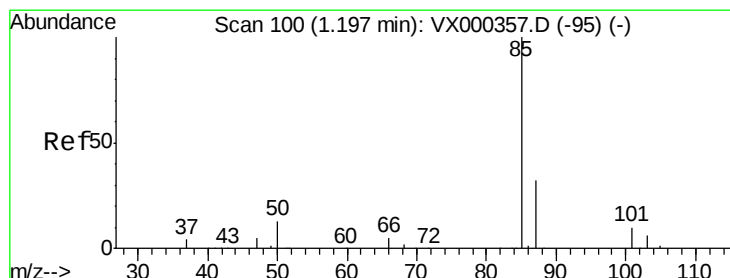
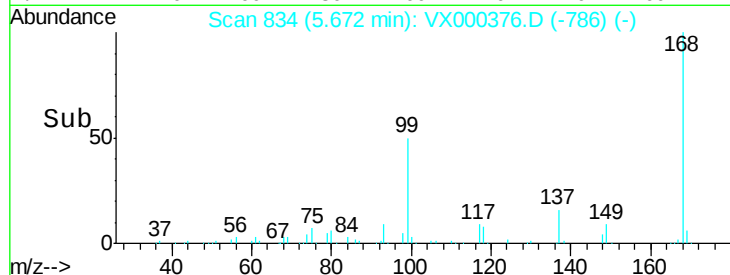
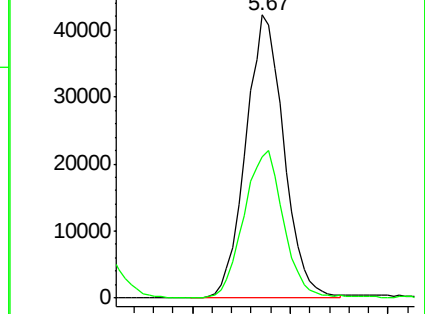
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.97 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000376.D

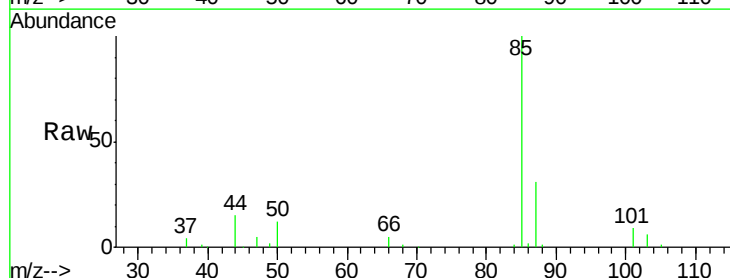
Acq: 21 Mar 2018 11:24

Tgt Ion: 85 Resp: 20152

Ion Ratio Lower Upper

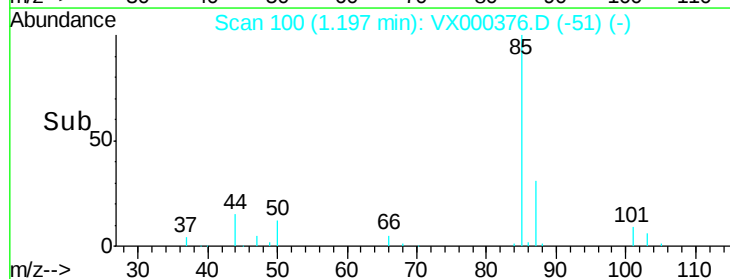
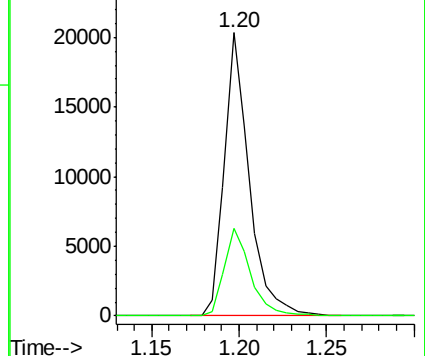
85 100

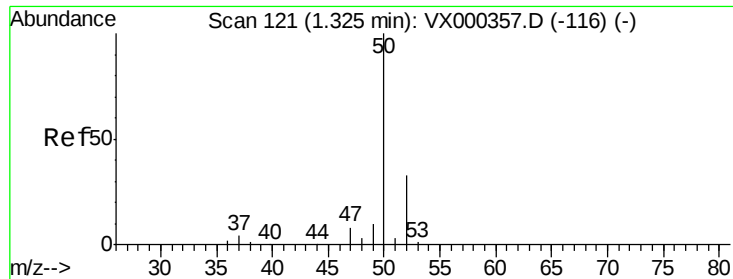
87 31.1 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.36 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion: 50 Resp: 21750

Ion Ratio Lower Upper

50 100

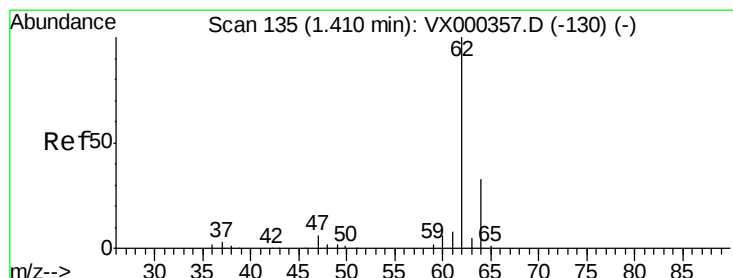
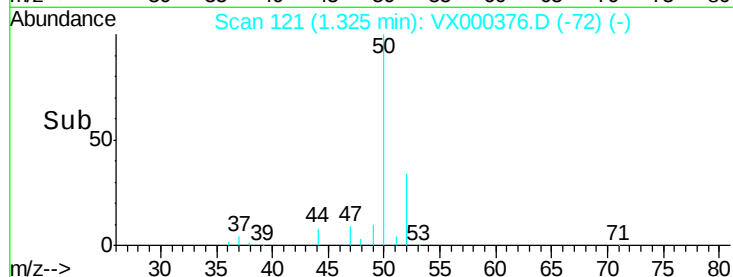
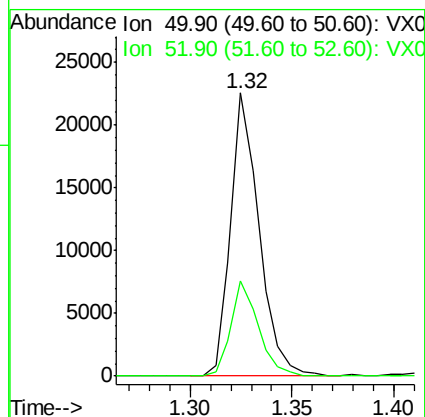
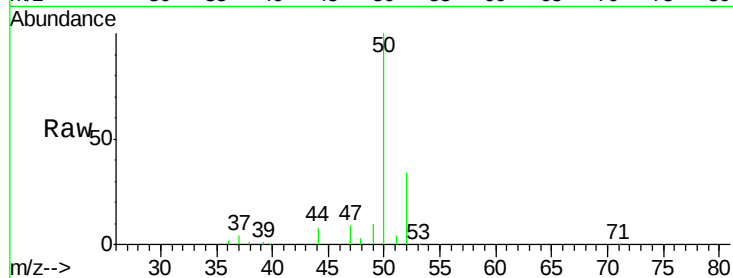
52 33.5 27.5 41.3

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#4

Vinyl Chloride

Concen: 16.48 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000376.D

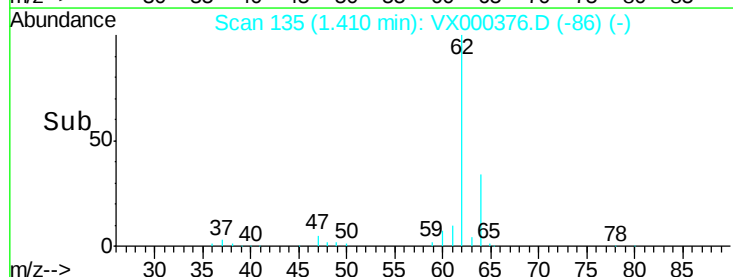
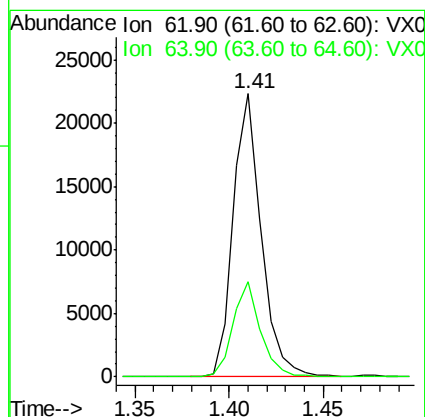
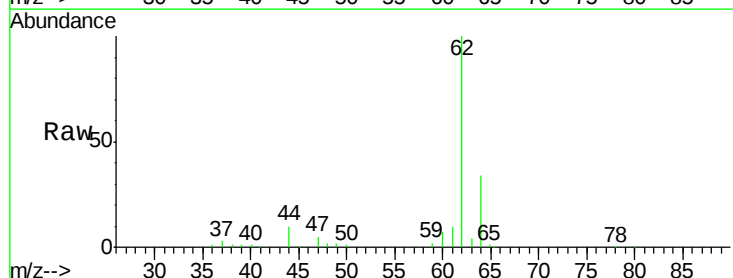
Acq: 21 Mar 2018 11:24

Tgt Ion: 62 Resp: 23152

Ion Ratio Lower Upper

62 100

64 33.6 24.8 37.2





#5

Bromomethane

Concen: 12.22 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion: 94 Resp: 20489

Ion Ratio Lower Upper

94 100

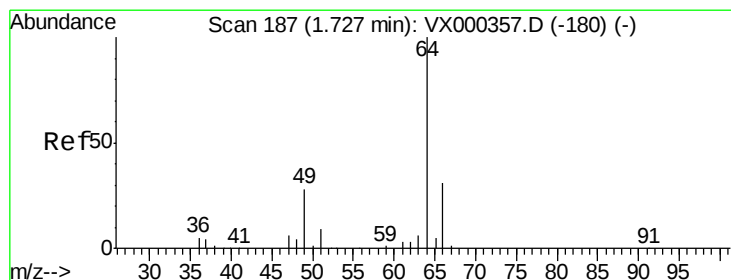
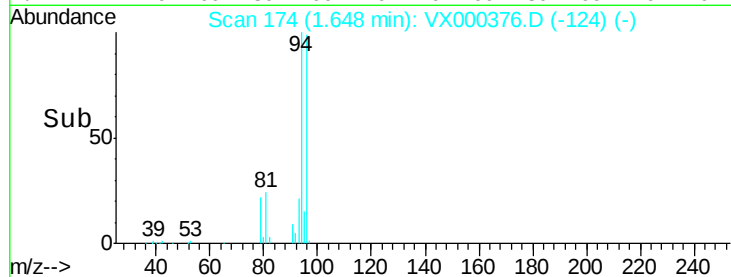
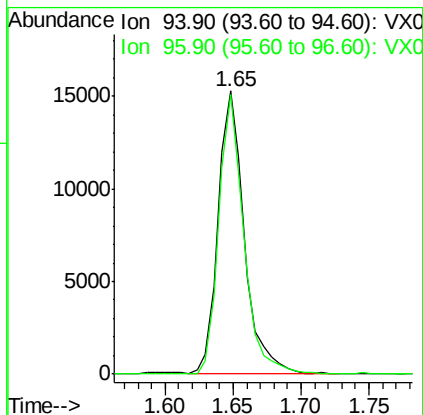
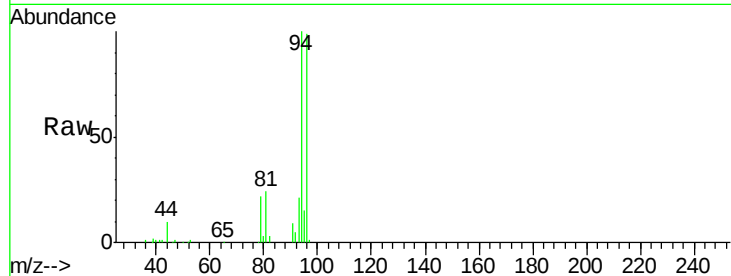
96 98.8 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 19.44 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000376.D

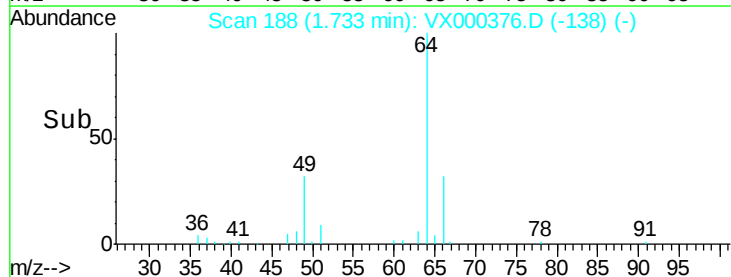
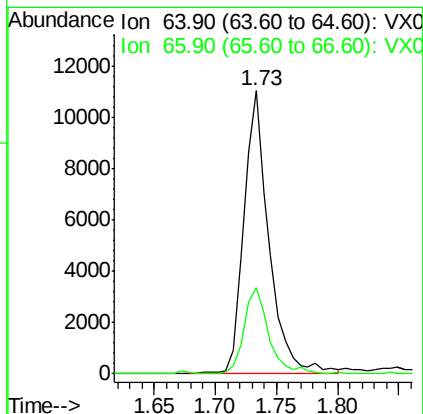
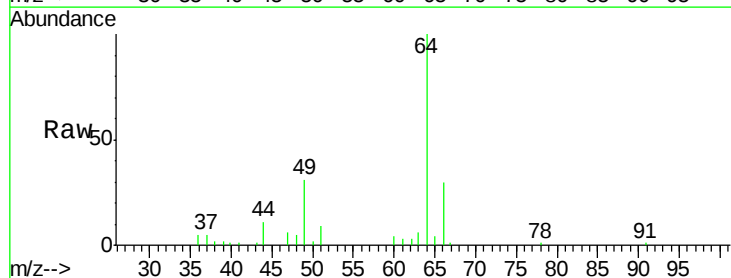
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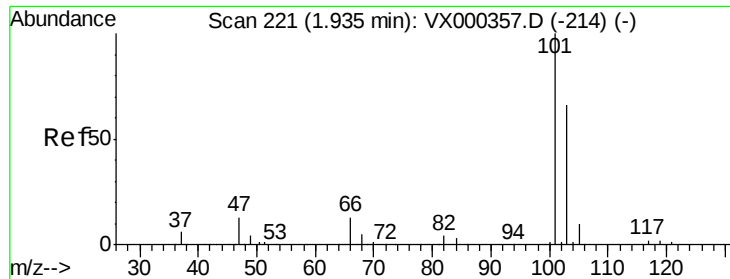
Tgt Ion: 64 Resp: 15695

Ion Ratio Lower Upper

64 100

66 29.7 24.8 37.2





#7

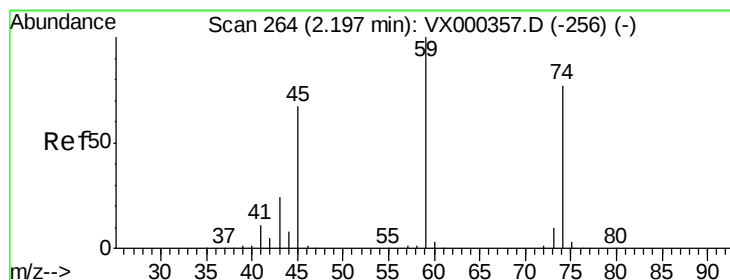
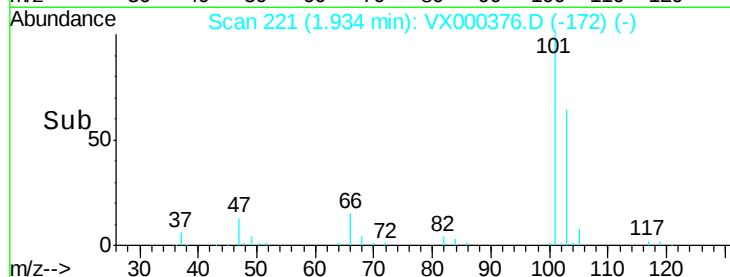
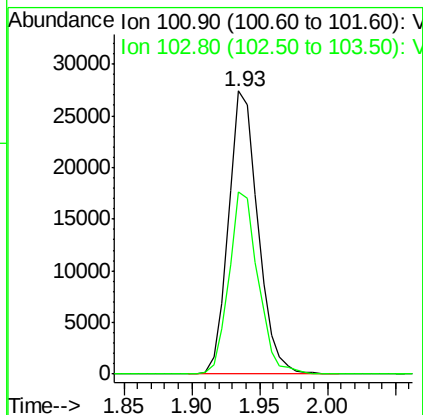
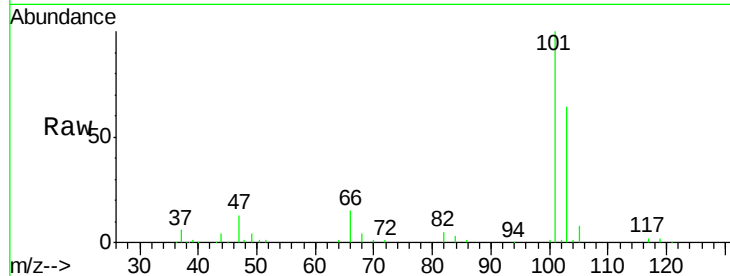
Trichlorofluoromethane
Concen: 16.31 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

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ClientSampleId :
VX0321WBS01

Tot Ion:101 Resp: 41343
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

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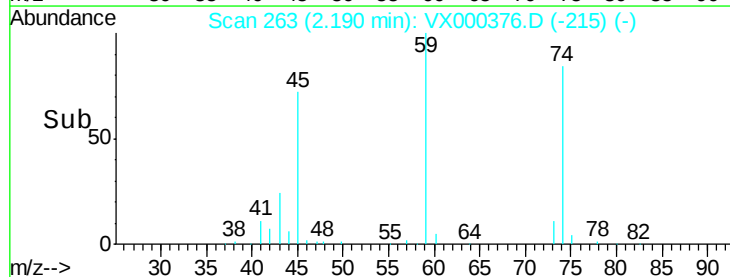
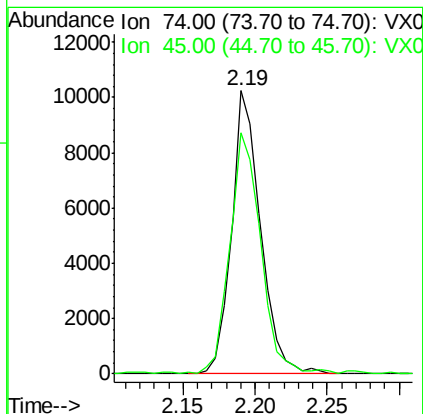
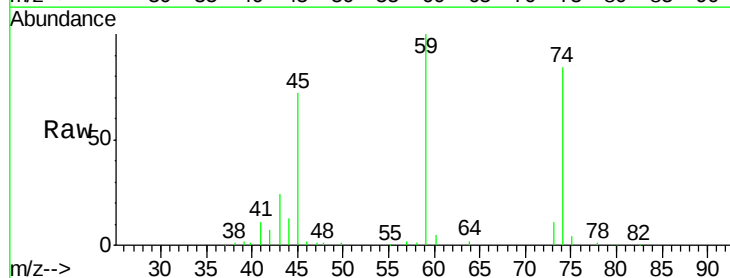
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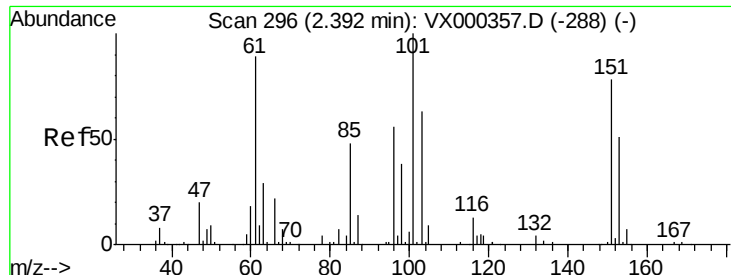


#8

Diethyl Ether
Concen: 15.89 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion: 74 Resp: 14395
Ion Ratio Lower Upper
74 100
45 91.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.36 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

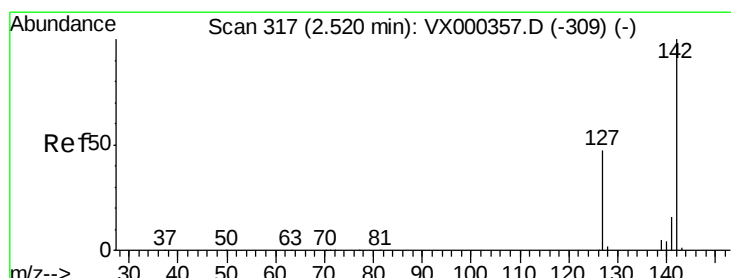
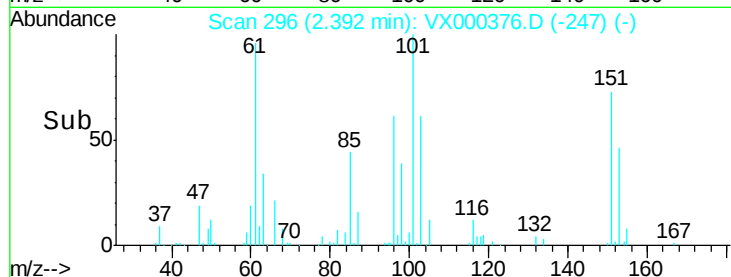
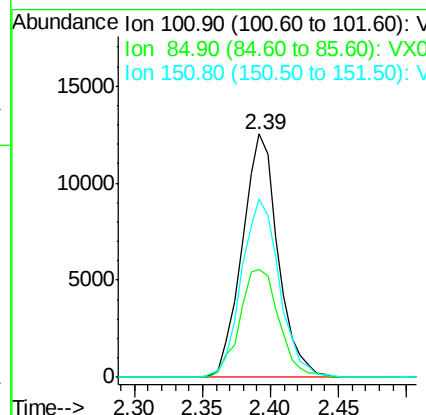
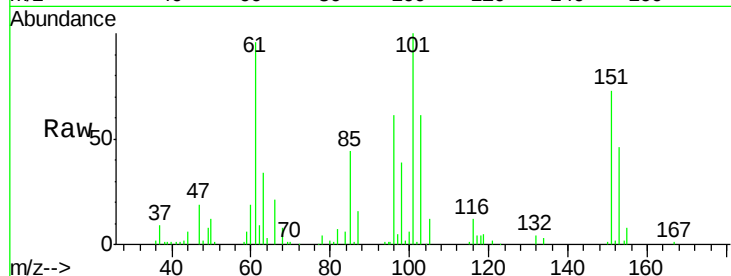
ClientSampleId :

VX0321WBS01

Tot Ion:	101	Resp:	23138
Ion Ratio	Lower	Upper	
101	100		
85	48.4	37.6	56.4
151	77.2	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 17.32 ug/l

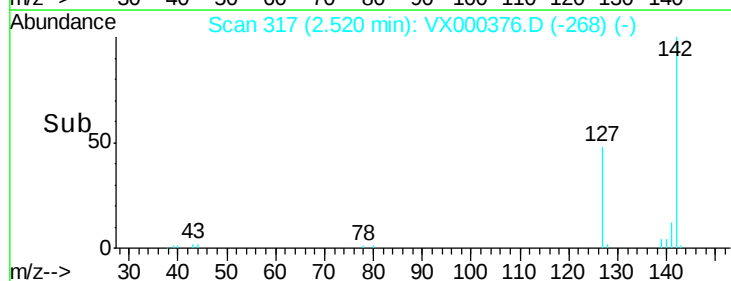
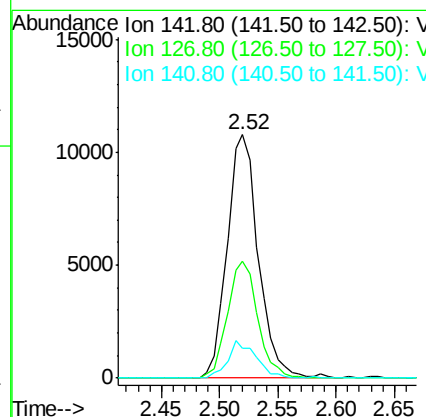
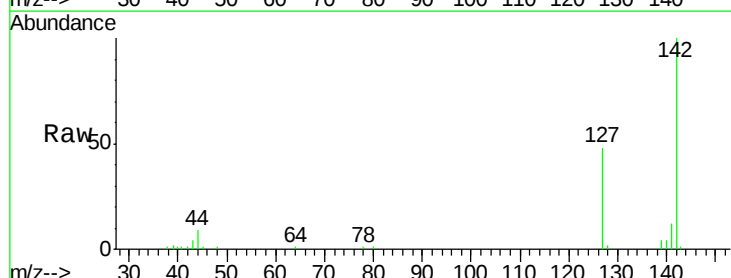
RT: 2.52 min Scan# 317

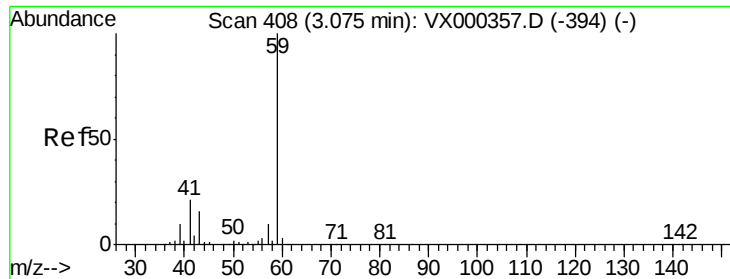
Delta R.T. 0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Tgt Ion:	142	Resp:	19987
Ion Ratio	Lower	Upper	
142	100		
127	46.6	39.2	58.8
141	13.7	11.7	17.5





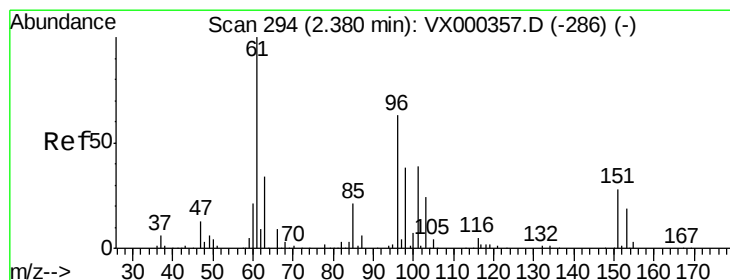
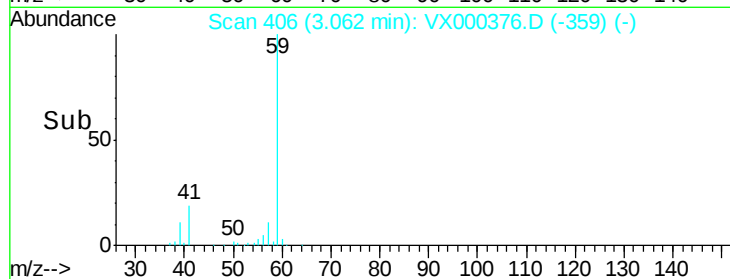
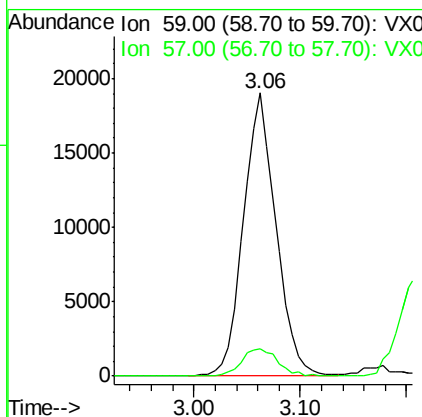
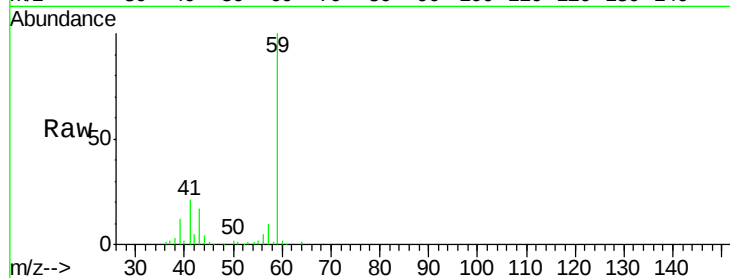
#11
Tert butyl alcohol
Concen: 79.62 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	59	Resp	40937
Ion Ratio	100	Lower	Upper
57	10.8	8.4	12.6

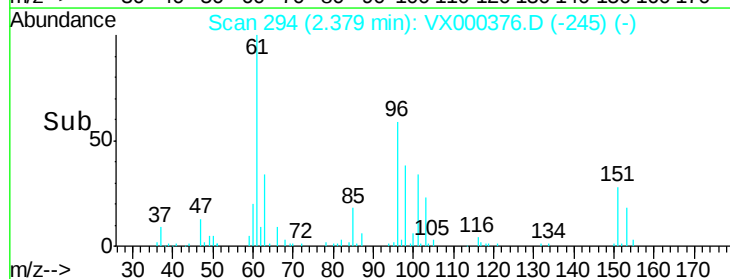
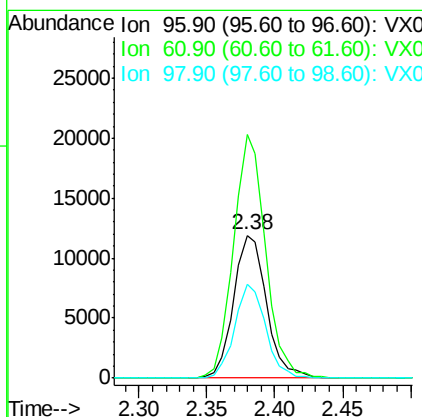
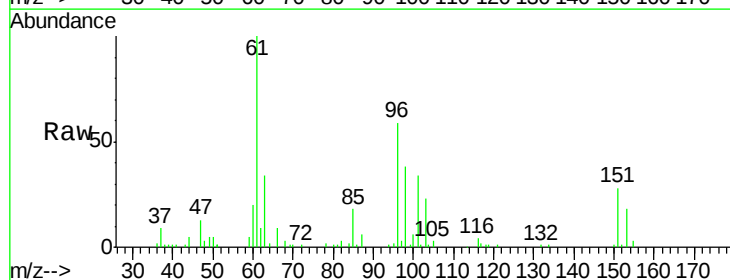
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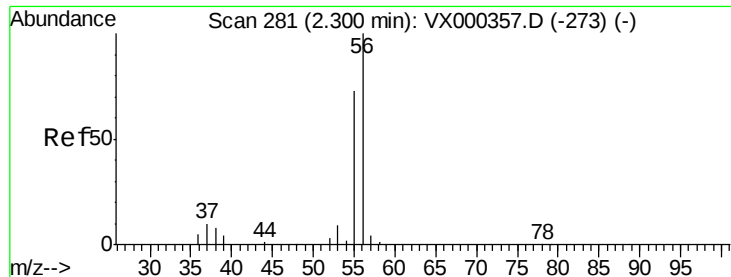
apatel
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#12
1,1-Dichloroethene
Concen: 16.13 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	96	Resp	20018
Ion Ratio	100	Lower	Upper
61	170.4	131.2	196.8
98	65.5	49.8	74.8





#13

Acrolein

Concen: 83.75 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion: 56 Resp: 12059

Ion Ratio Lower Upper

56 100

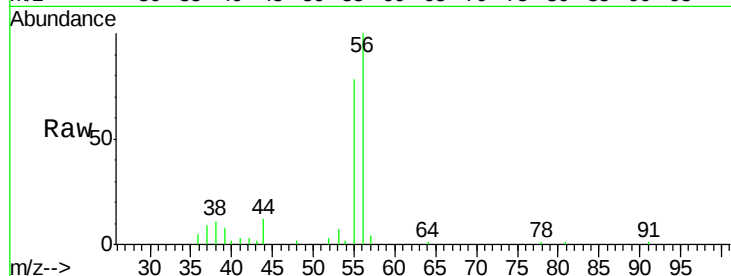
55 74.5 58.8 88.2

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

8000

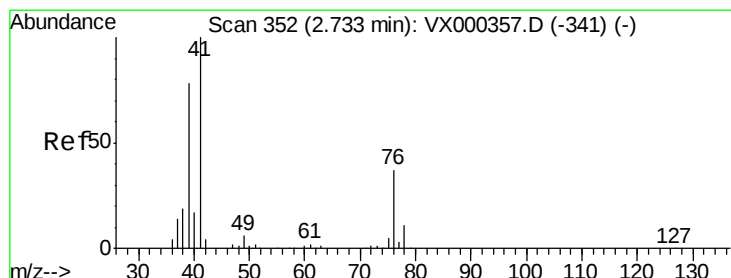
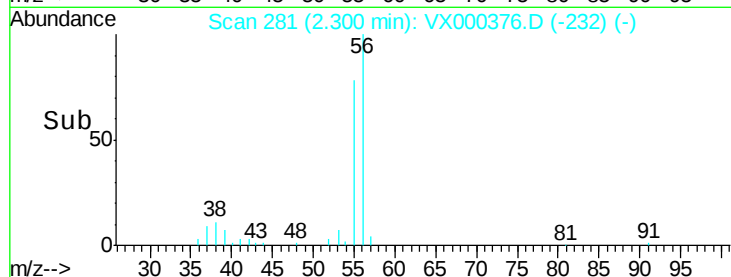
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 17.07 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

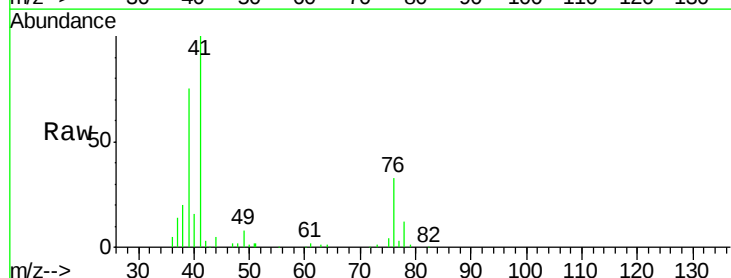
Tgt Ion: 41 Resp: 37556

Ion Ratio Lower Upper

41 100

39 69.2 57.6 86.4

76 31.5 27.3 40.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

40000

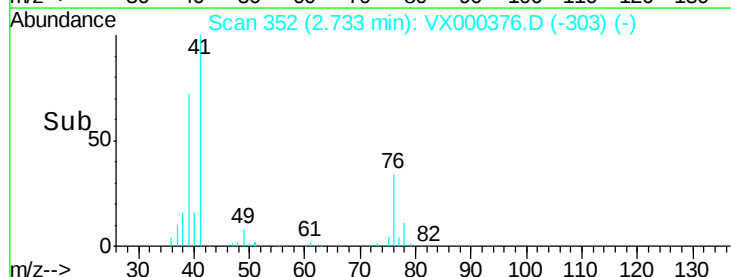
30000

20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 81.75 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

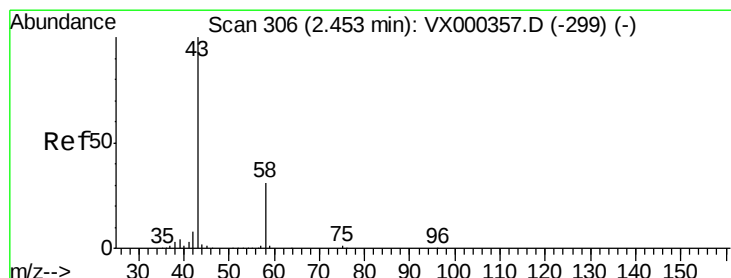
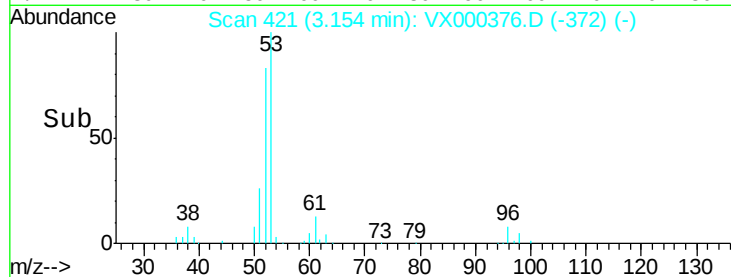
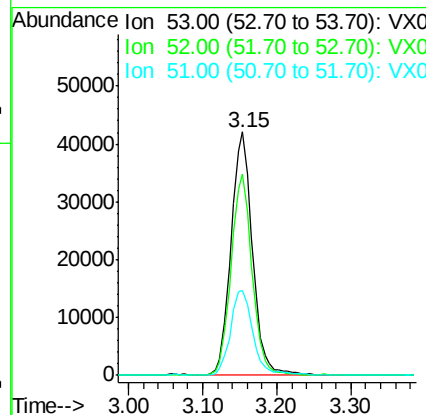
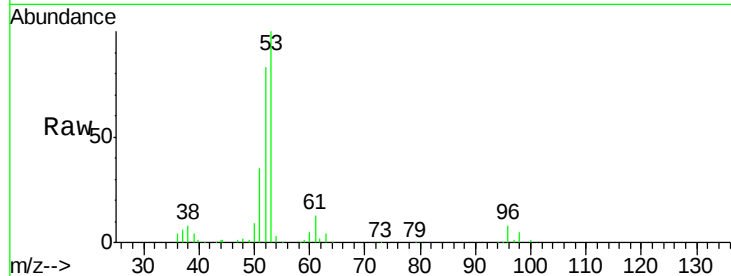
ClientSampled :

VX0321WBS01

Tot Ion:	53	Resp:	85134
Ion Ratio	Lower	Upper	
53	100		
52	81.2	66.6	99.8
51	36.7	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 78.05 ug/l

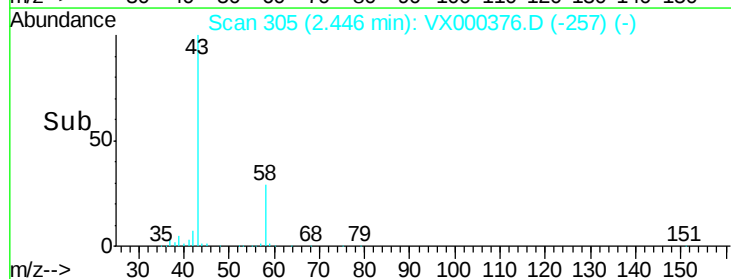
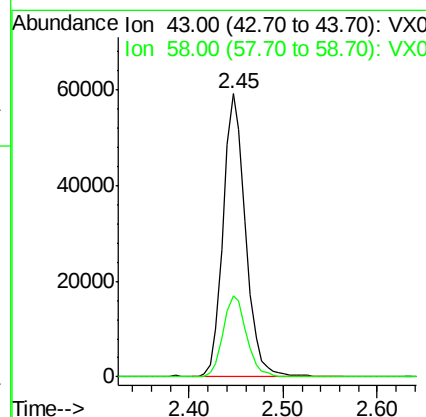
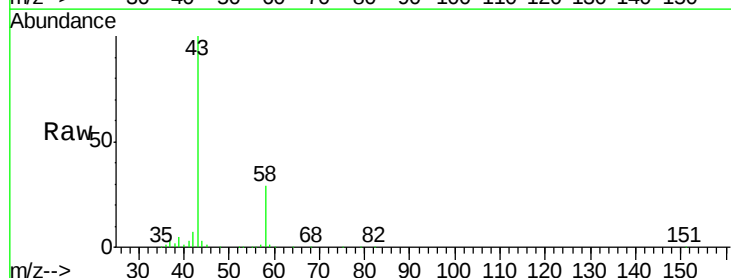
RT: 2.45 min Scan# 305

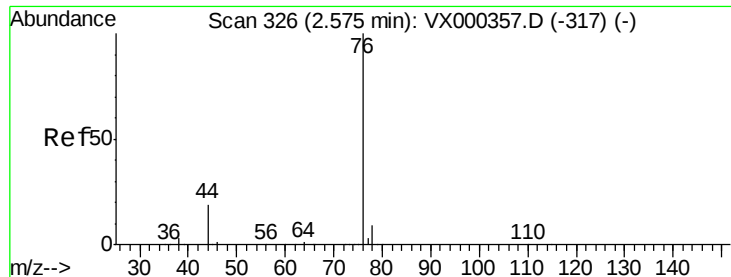
Delta R.T. -0.01 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Tgt Ion:	43	Resp:	97046
Ion Ratio	Lower	Upper	
43	100		
58	28.6	24.7	37.1





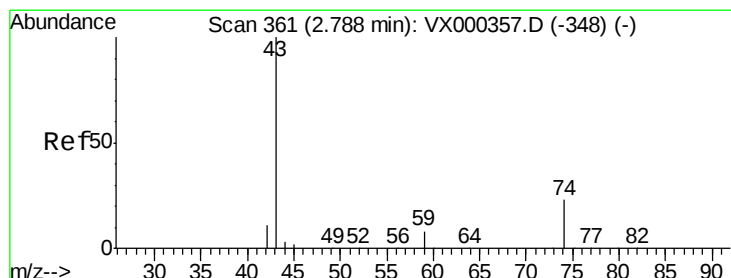
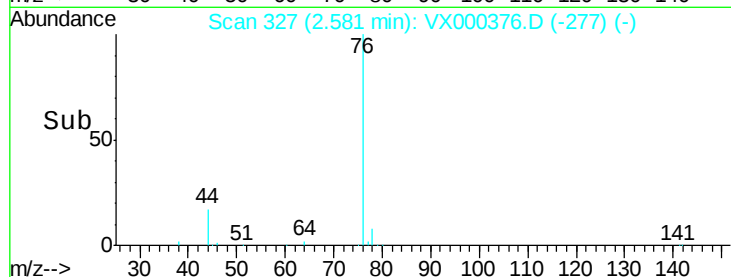
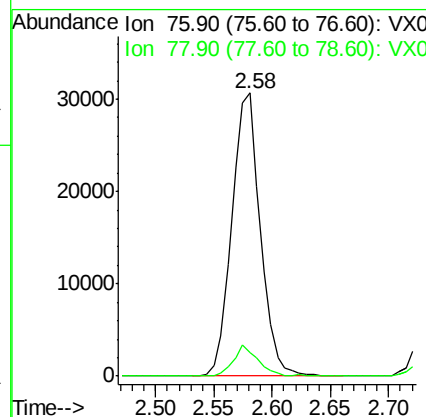
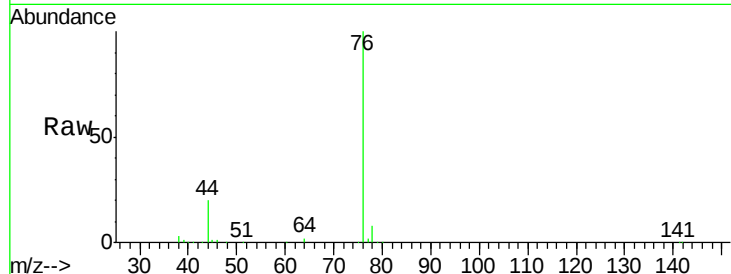
#17
Carbon Disulfide
Concen: 15.80 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion: 76 Resp: 52148
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

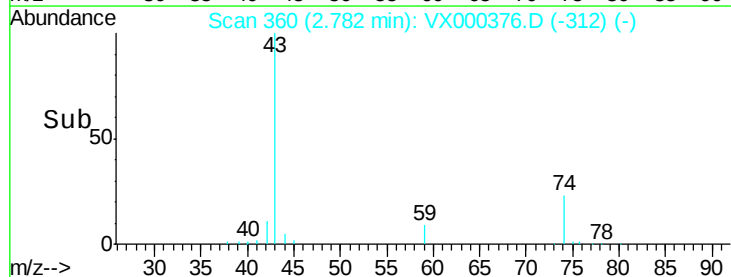
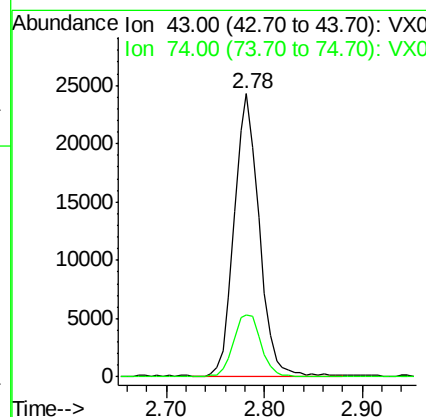
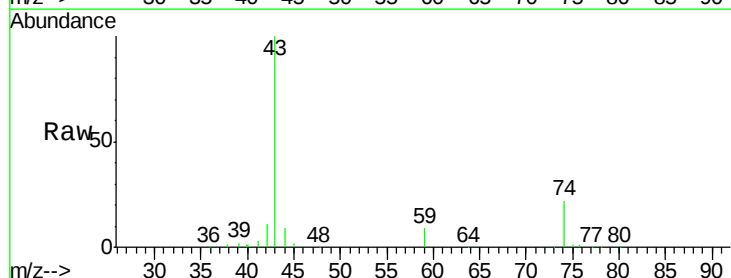
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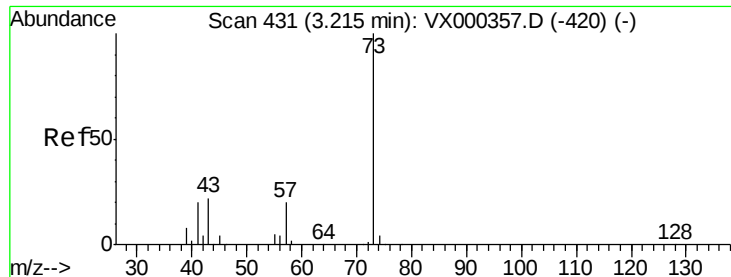
apatel
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#18
Methyl Acetate
Concen: 16.69 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion: 43 Resp: 43498
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2





#19

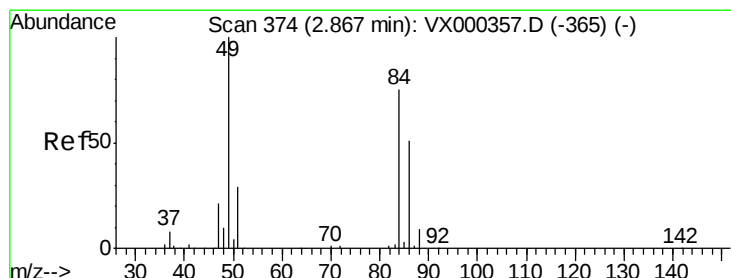
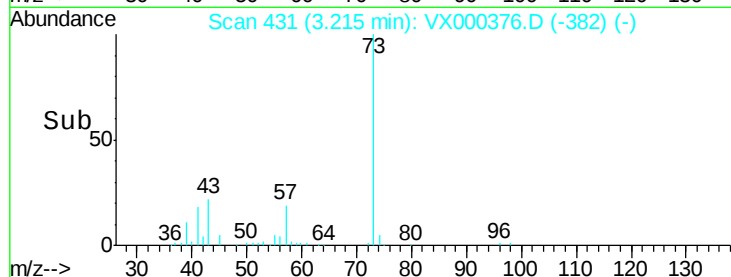
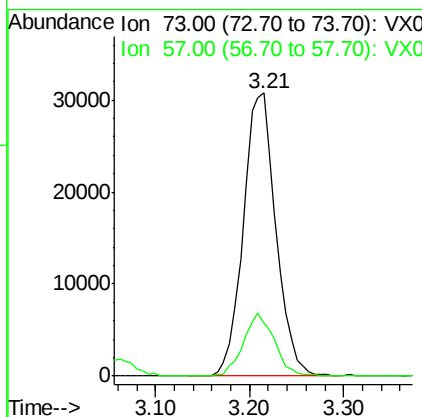
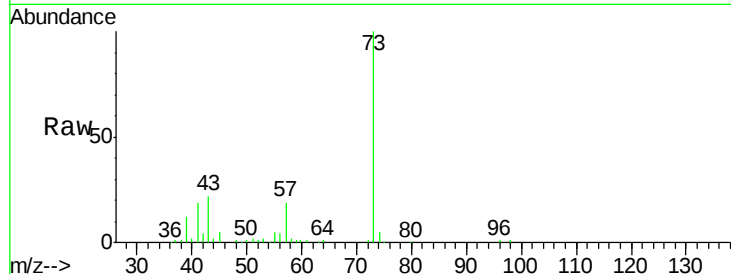
Methyl tert-butyl Ether
 Concen: 16.24 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion	73	Resp	74536
Ion Ratio	100	Lower	Upper
73	100		
57	18.9	17.2	25.8

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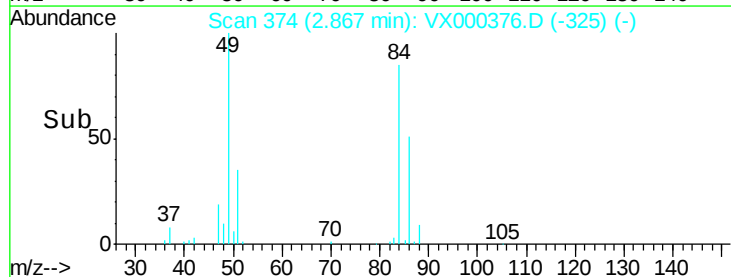
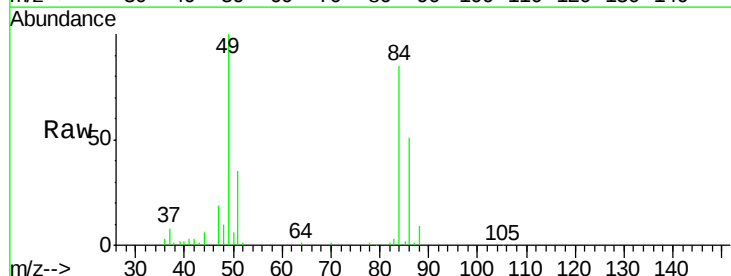
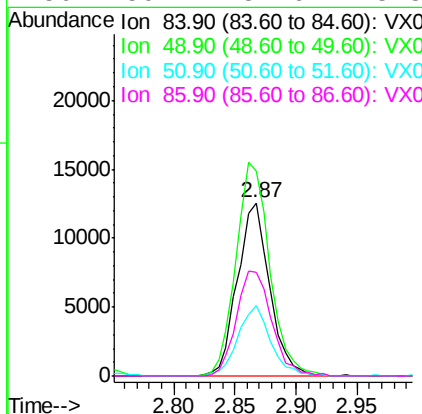
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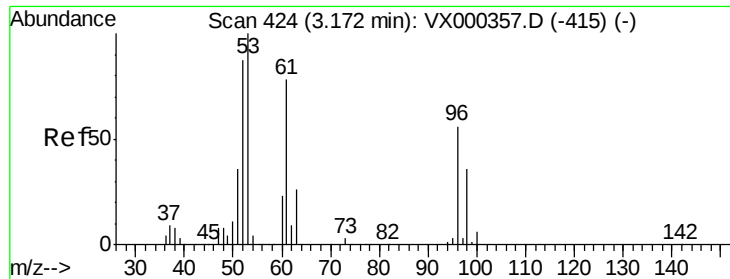


#20

Methylene Chloride
 Concen: 15.97 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion	84	Resp	22933
Ion Ratio	100	Lower	Upper
84	100		
49	117.8	100.6	151.0
51	40.7	31.6	47.4
86	59.7	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 15.50 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

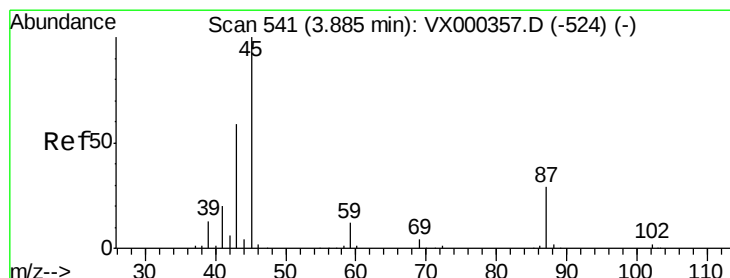
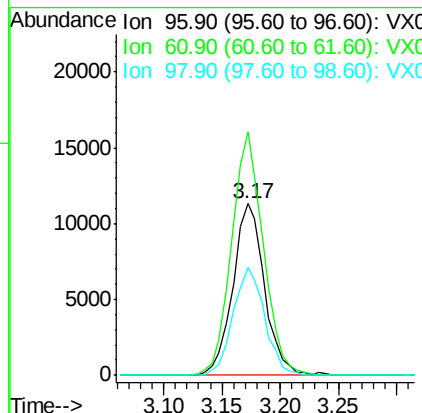
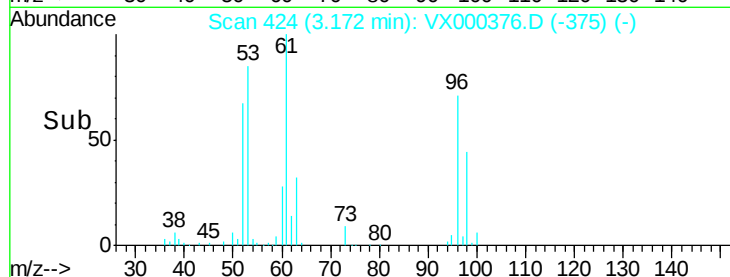
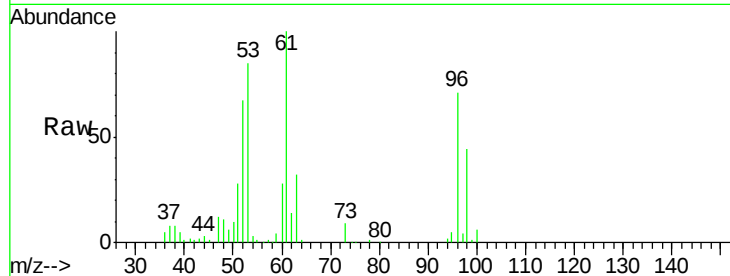
ClientSampleId :

VX0321WBS01

Tot Ion:	96	Resp:	21466
Ion	Ratio	Lower	Upper
96	100		
61	141.8	104.0	156.0
98	62.7	52.1	78.1

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#22

Diisopropyl ether

Concen: 17.94 ug/l

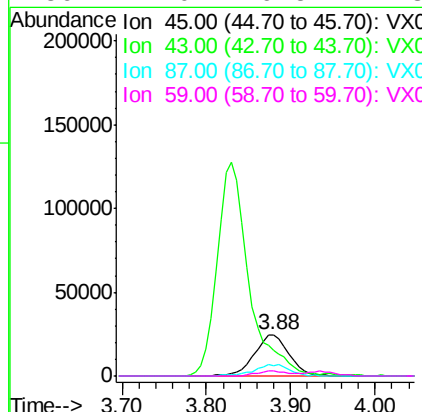
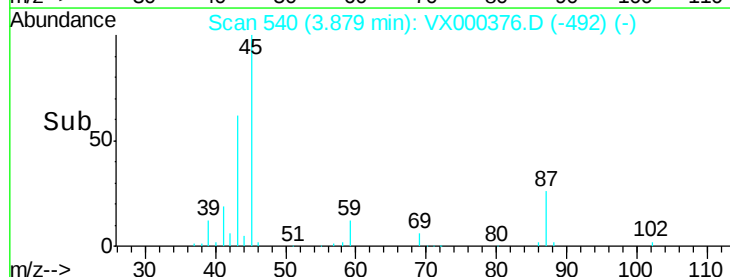
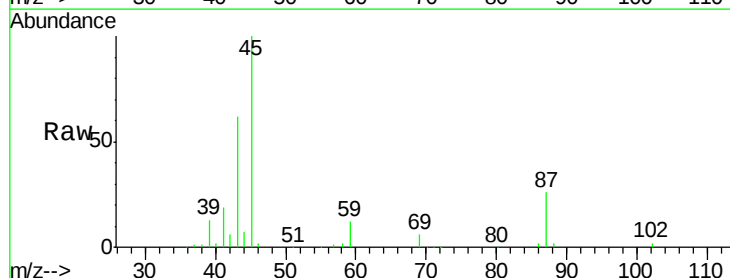
RT: 3.88 min Scan# 540

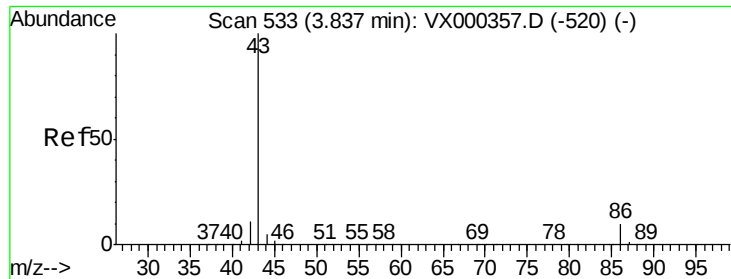
Delta R.T. -0.01 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Tgt Ion:	45	Resp:	69590
Ion	Ratio	Lower	Upper
45	100		
43	59.3	53.9	80.9
87	26.3	22.6	34.0
59	12.0	9.5	14.3





#23

Vinyl Acetate

Concen: 91.20 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS01

Tot Ion: 43 Resp: 335453

Ion Ratio Lower Upper

43 100

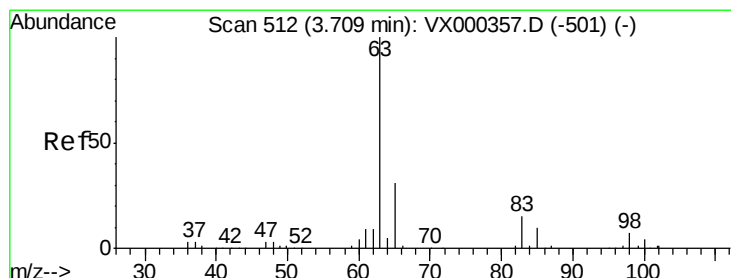
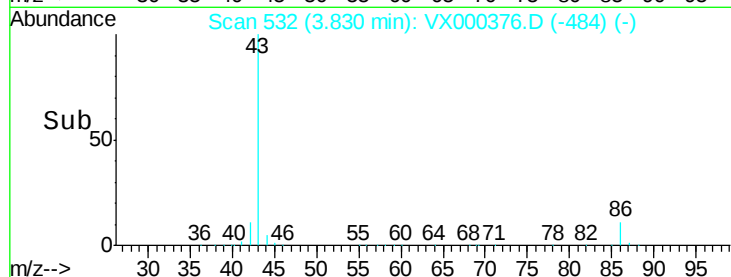
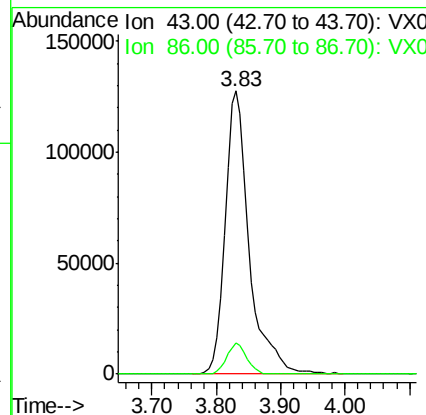
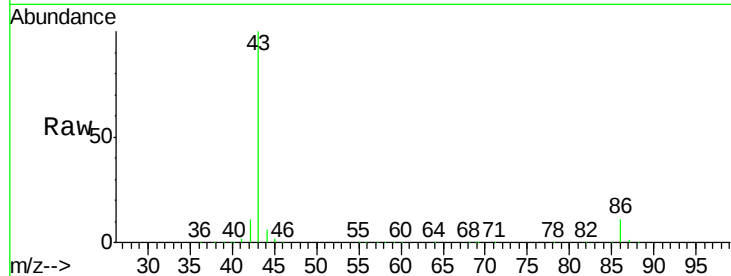
86 11.0 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.90 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

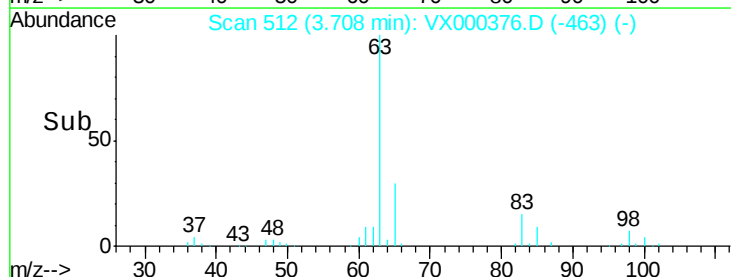
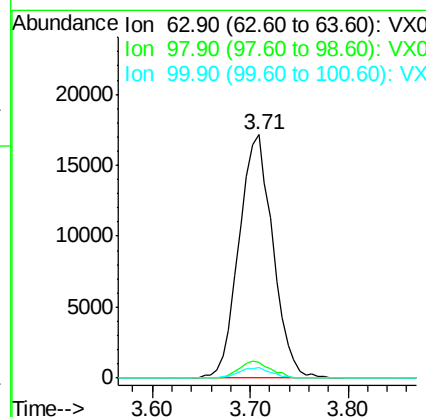
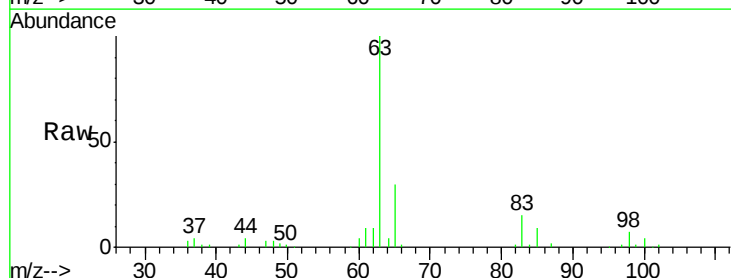
Tgt Ion: 63 Resp: 41229

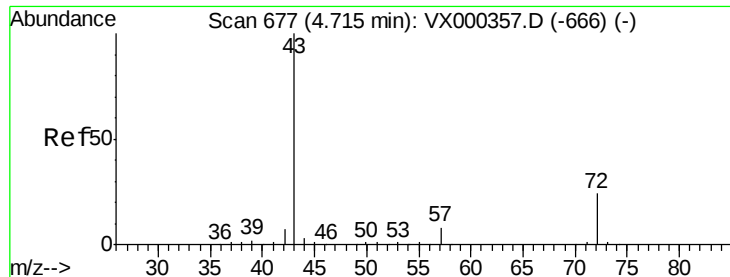
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 80.09 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion: 43 Resp: 111942

Ion Ratio Lower Upper

43 100

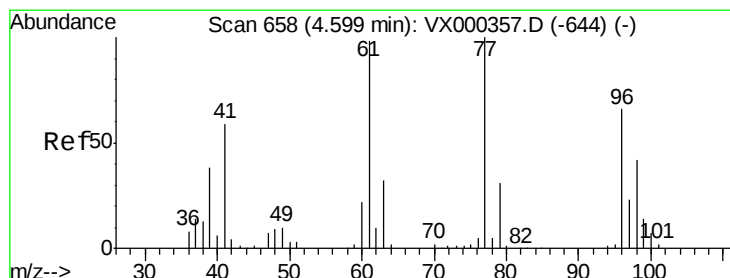
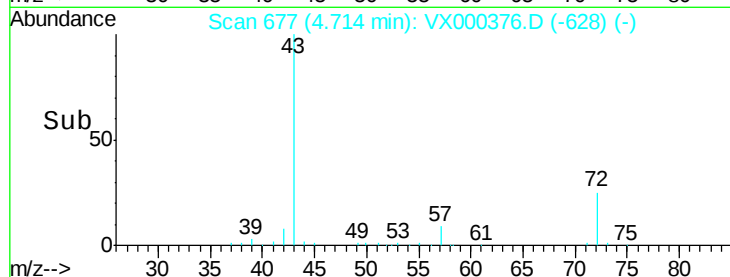
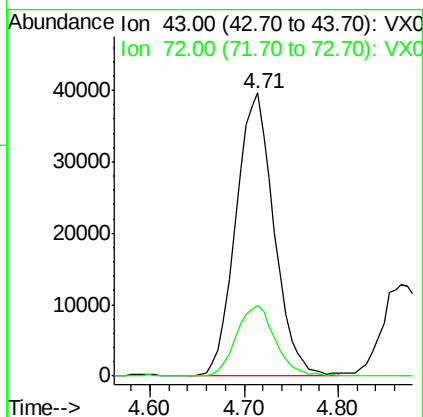
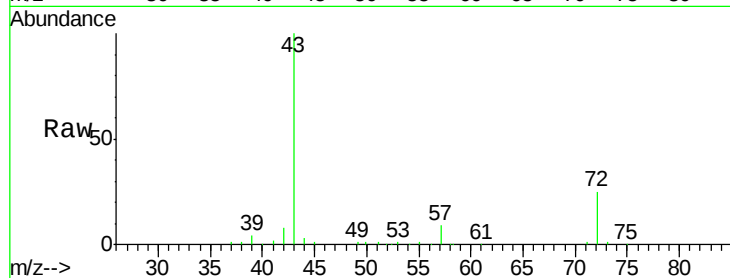
72 24.9 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.87 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000376.D

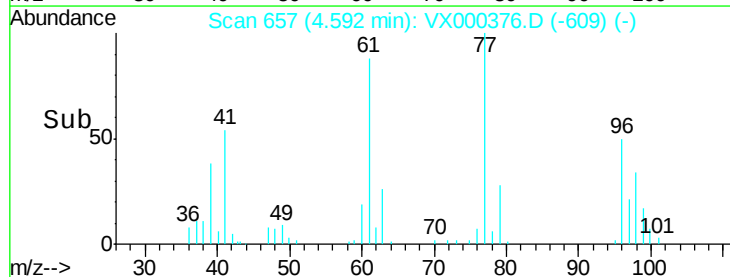
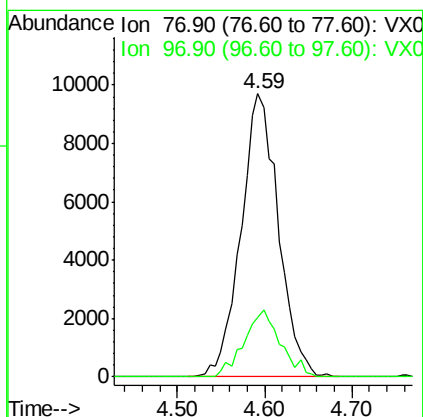
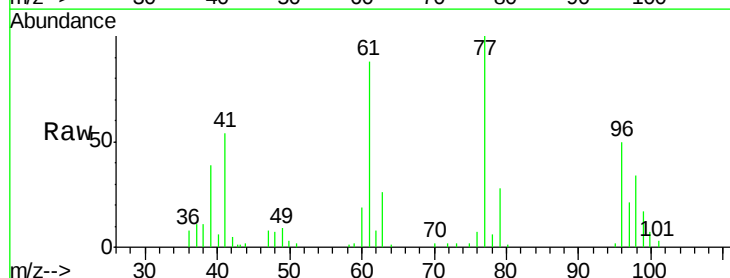
Acq: 21 Mar 2018 11:24

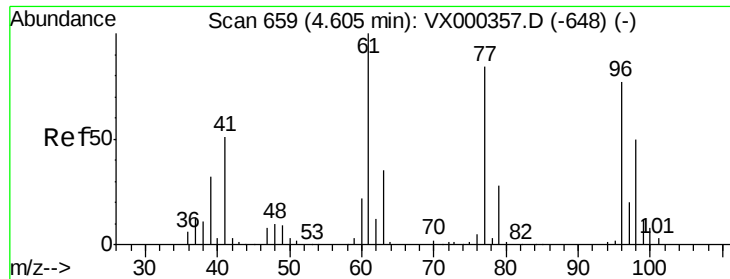
Tgt Ion: 77 Resp: 28838

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





#27

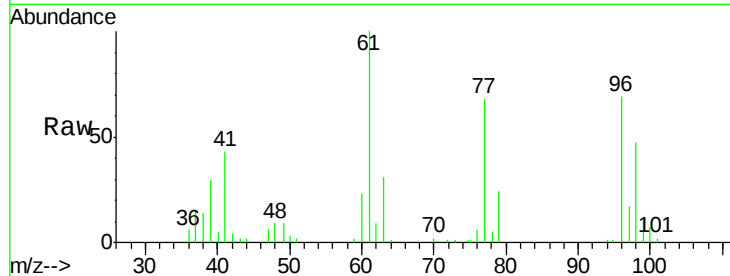
cis-1,2-Dichloroethene
Concen: 15.64 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	291.6
98	68.5	0.0	132.0

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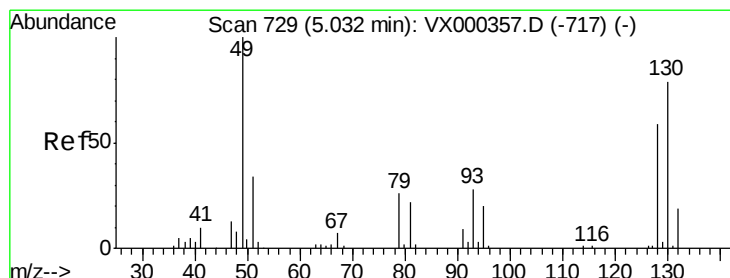
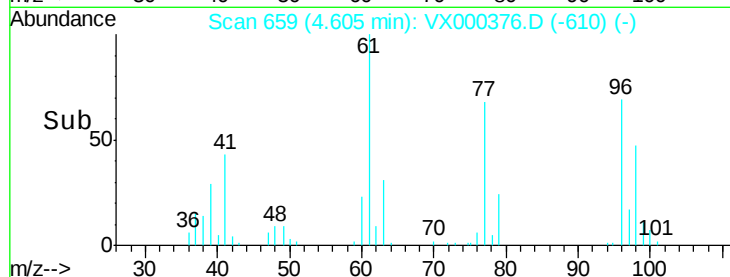
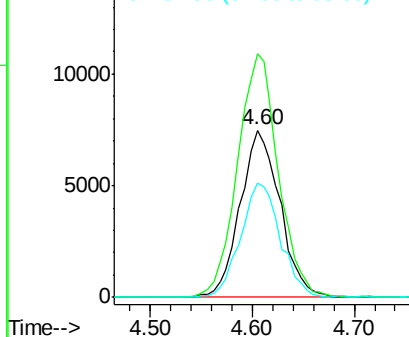


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

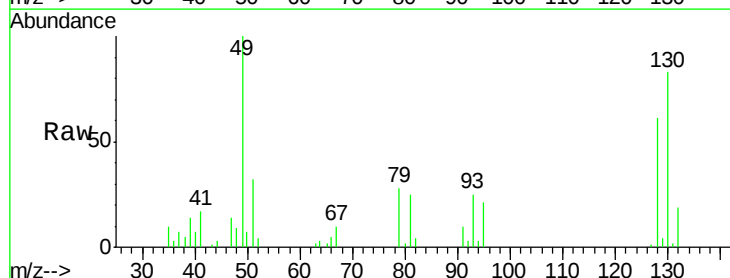
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 16.41 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.0
130	80.7	64.0	96.0

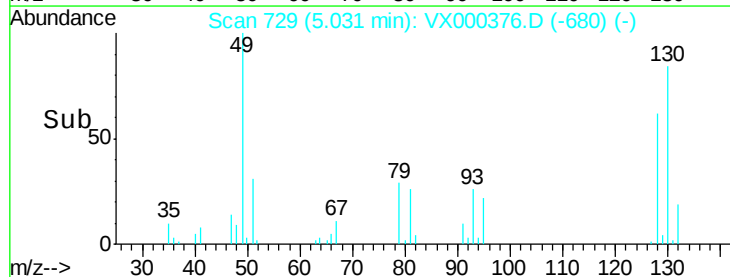
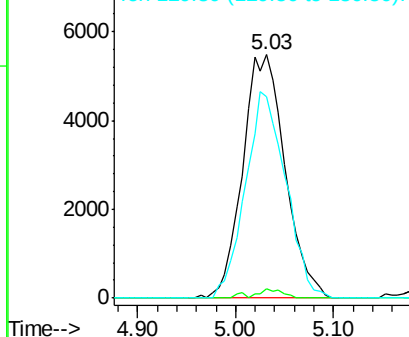


Abundance

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





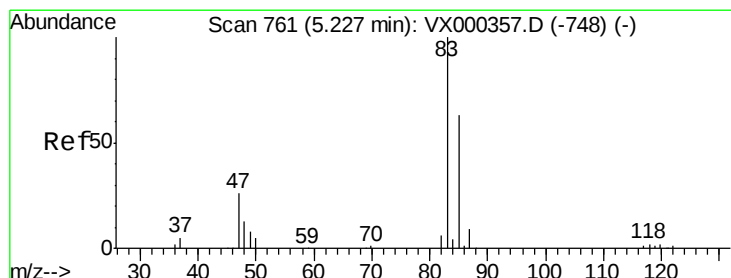
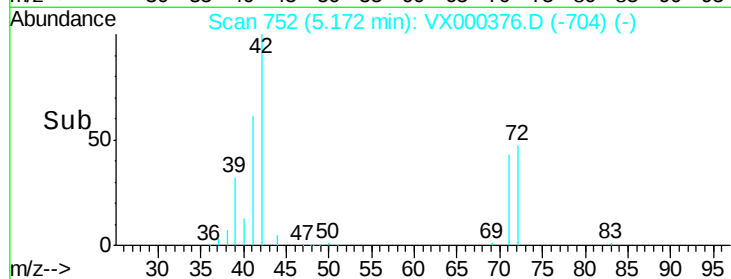
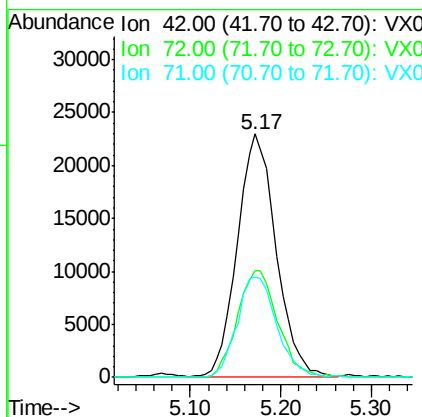
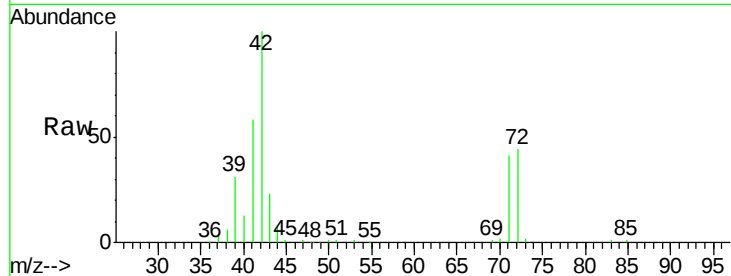
#29
Tetrahydrofuran
Concen: 78.92 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.9	56.9
71	42.6	34.4	51.6

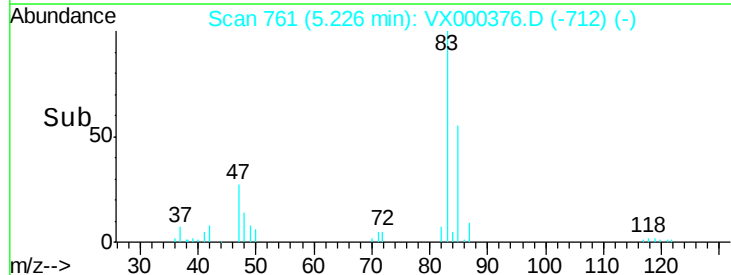
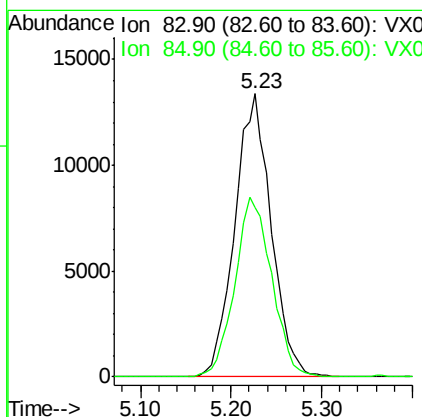
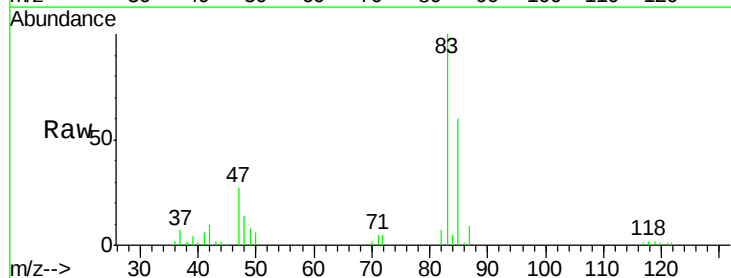
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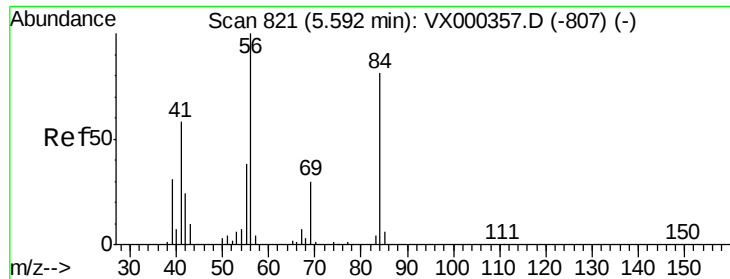
apatel
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#30
Chloroform
Concen: 16.24 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.8	53.3	79.9





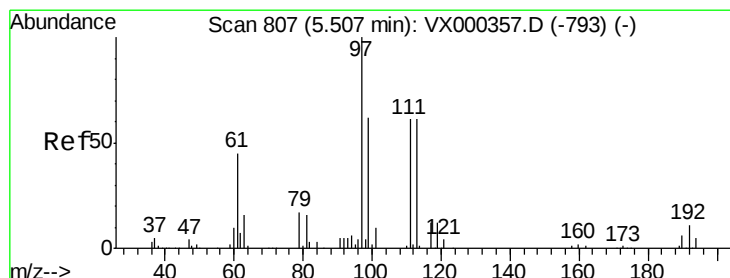
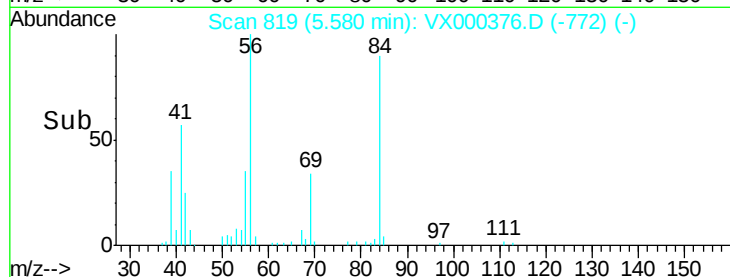
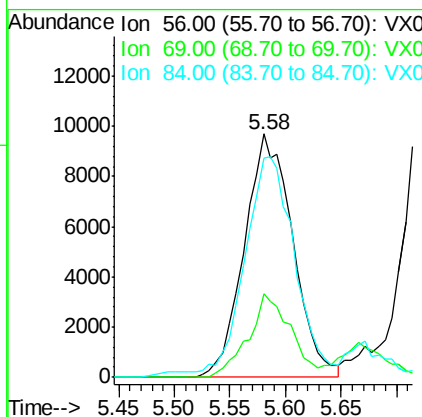
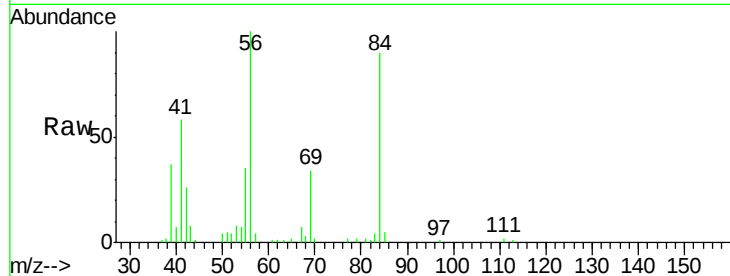
#31
Cyclohexane
Concen: 15.56 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.3	23.4	35.0
84	87.8	71.0	106.4

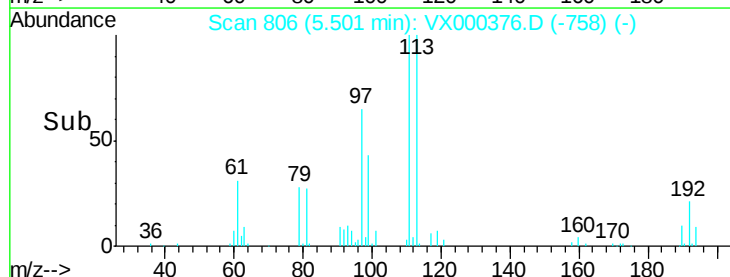
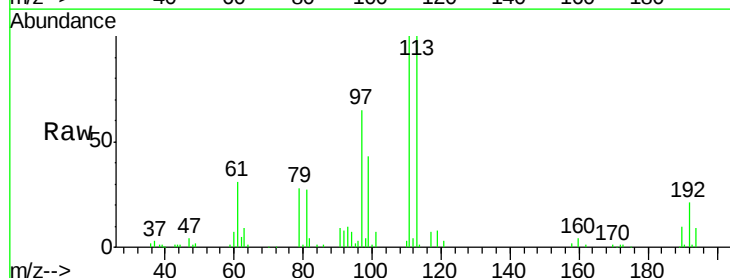
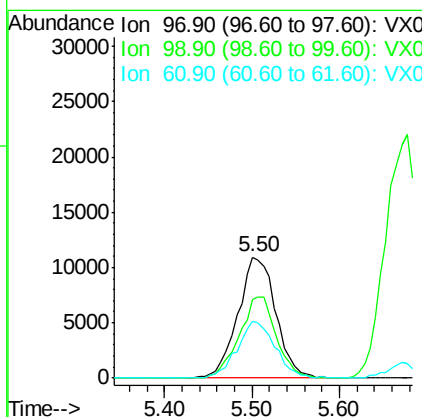
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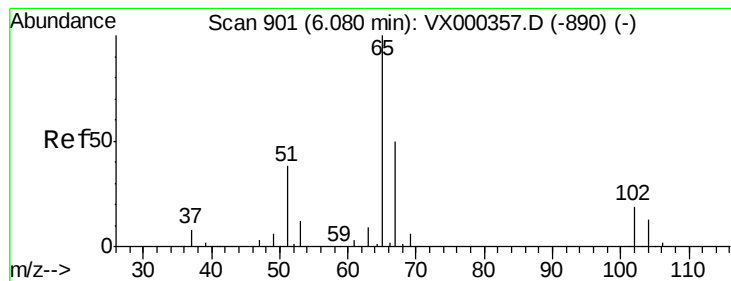
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#32
1,1,1-Trichloroethane
Concen: 15.96 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.1	78.1
61	46.7	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 47.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Tot Ion: 65 Resp: 71111

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.2

Instrument :

MSVOA_X

ClientSampleId :

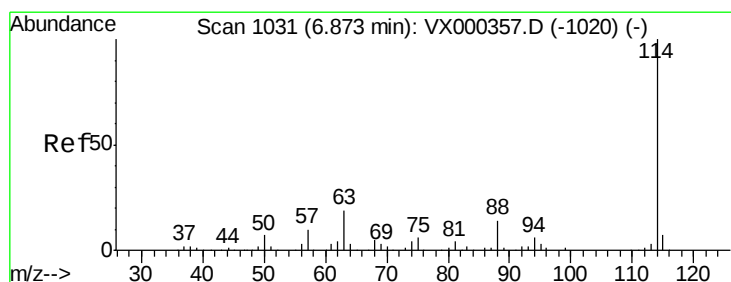
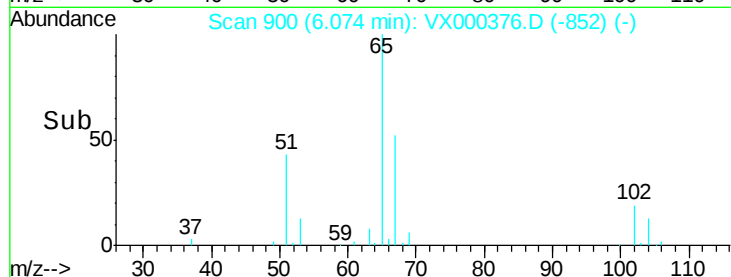
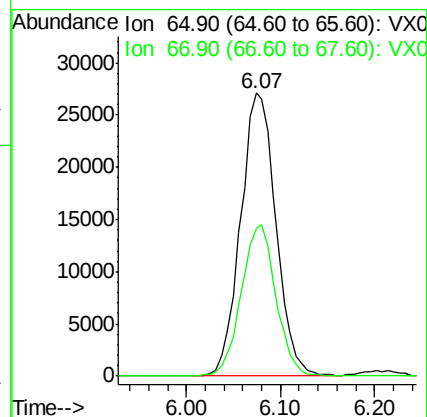
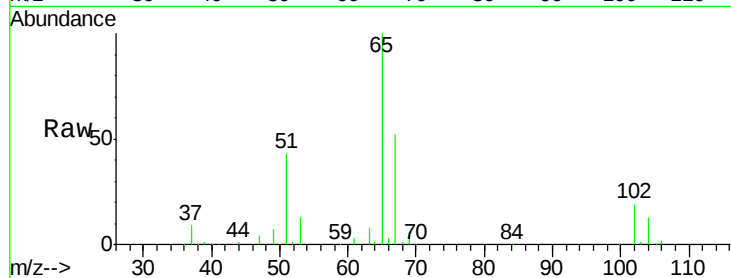
VX0321WBS01

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

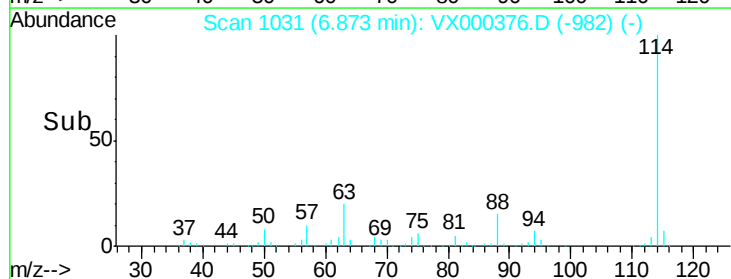
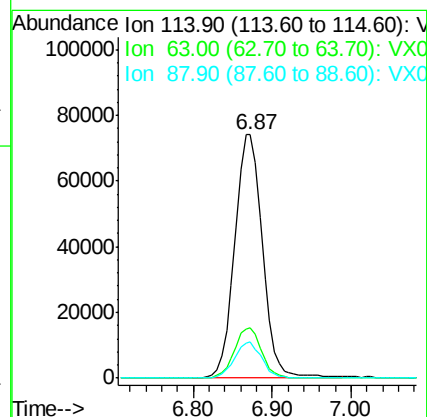
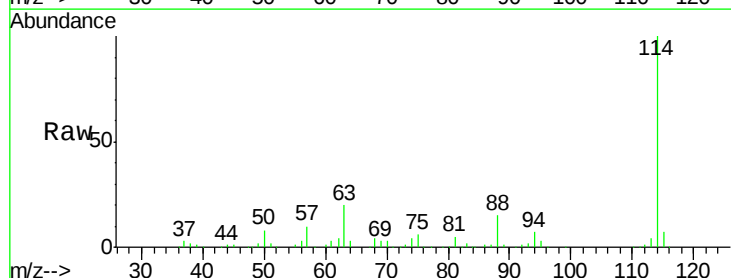
Tgt Ion: 114 Resp: 181764

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 14.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.32 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion:113 Resp: 55335

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

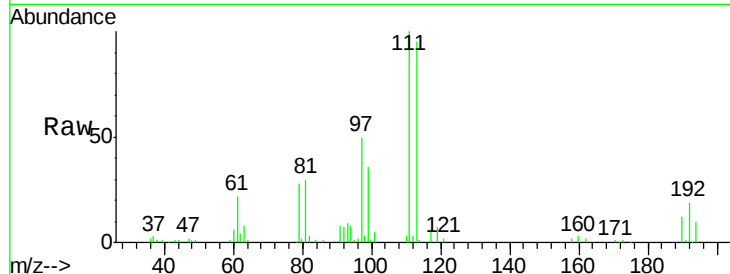
192 20.9 15.8 23.6

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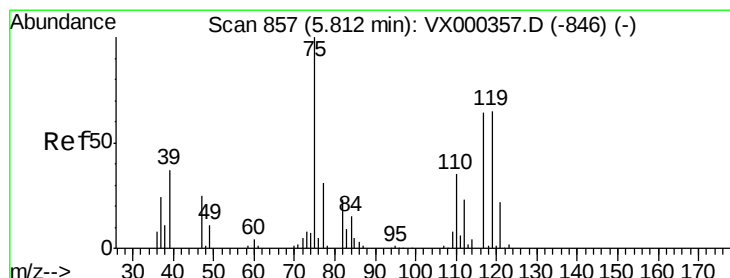
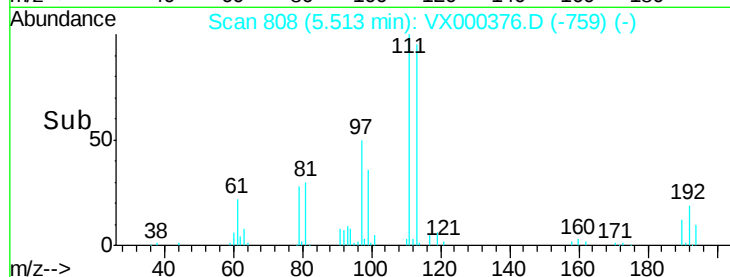
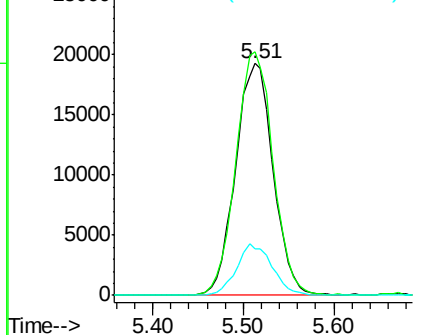
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.09 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

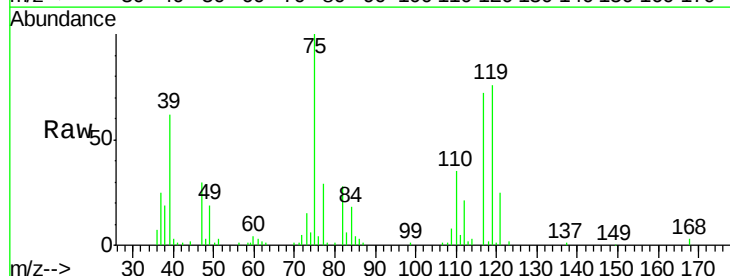
Tgt Ion: 75 Resp: 27397

Ion Ratio Lower Upper

75 100

110 35.9 17.9 53.7

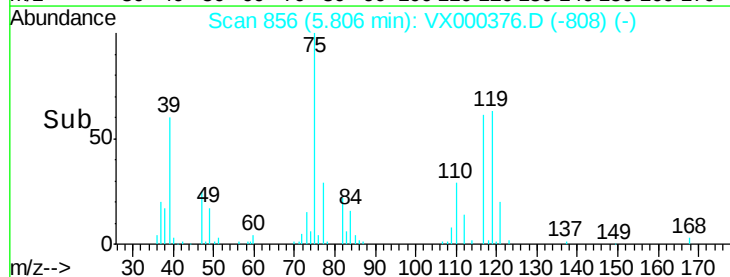
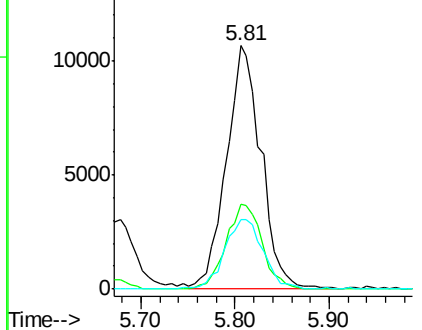
77 31.7 24.0 36.0

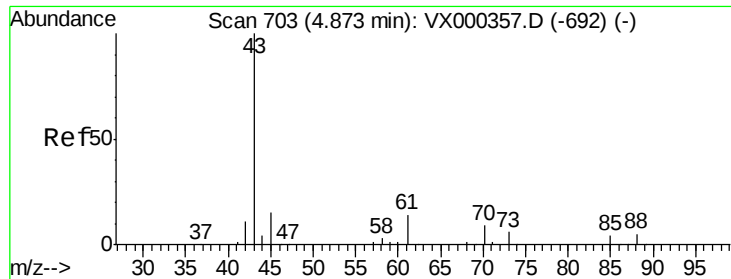


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





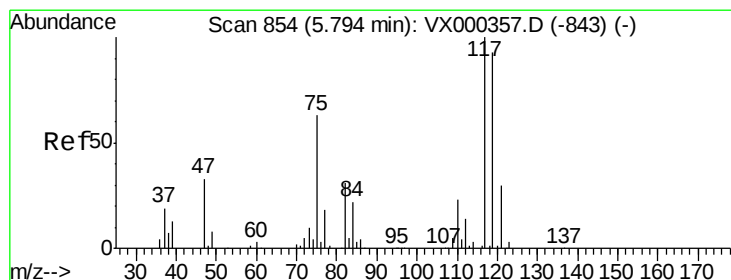
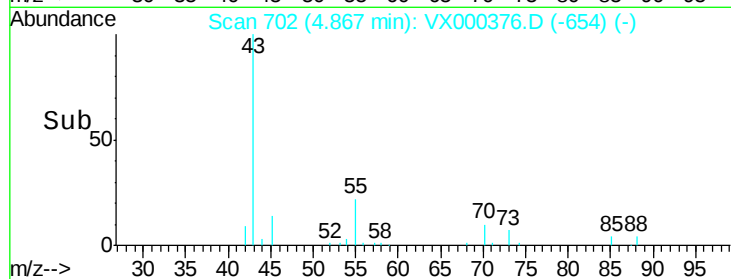
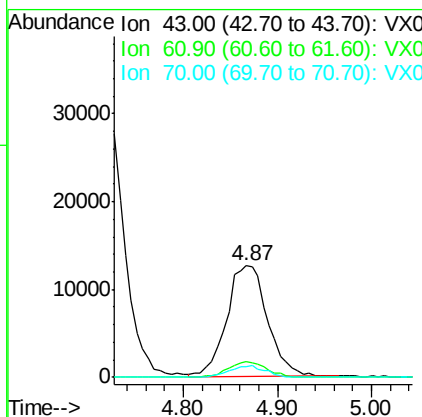
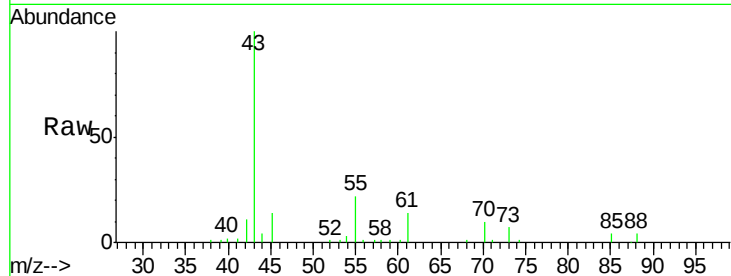
#37
Ethyl Acetate
Concen: 16.35 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.1	16.7
70	9.5	7.7	11.5

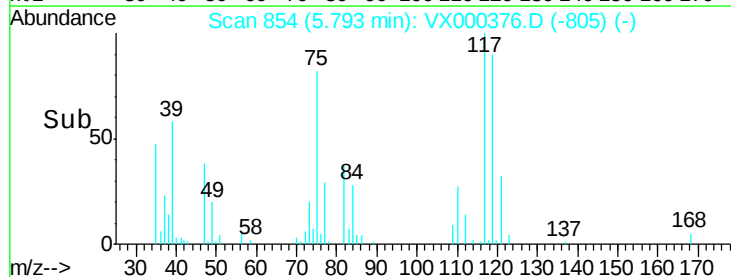
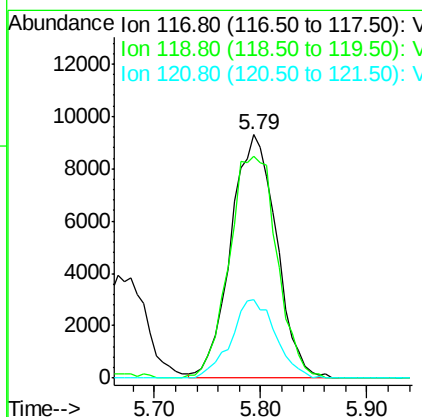
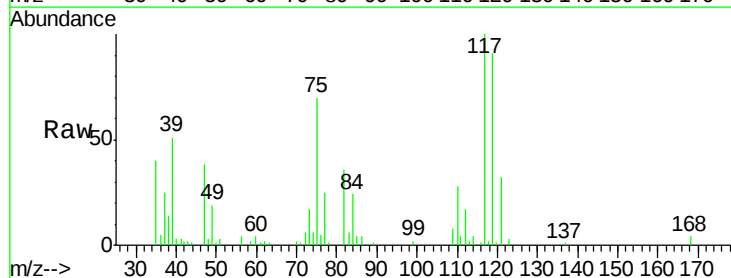
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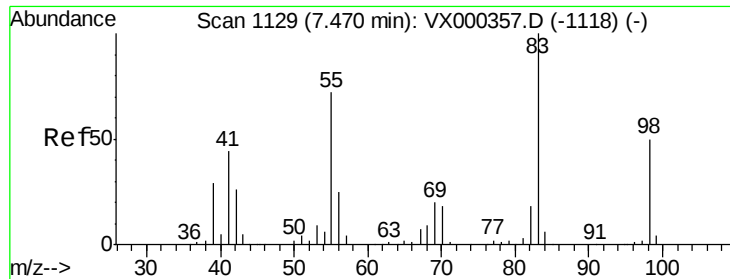
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#38
Carbon Tetrachloride
Concen: 15.63 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	77.4	116.2
121	32.4	24.8	37.2





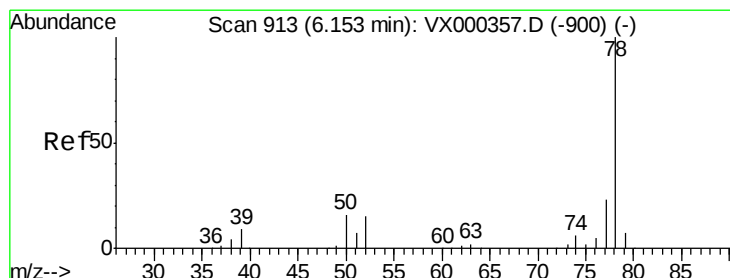
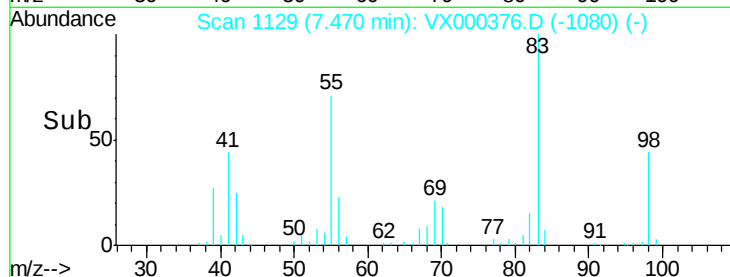
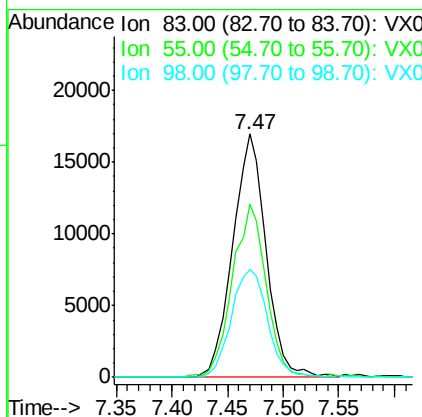
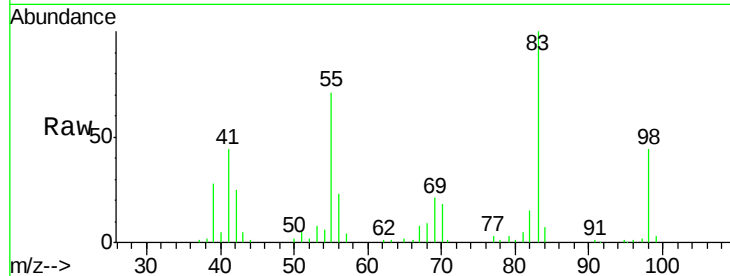
#39
Methvlcvclohexane
Concen: 17.02 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	83	Resp	35237
Ion Ratio	100	Lower	Upper
83	100		
55	70.4	55.5	83.3
98	44.1	38.2	57.4

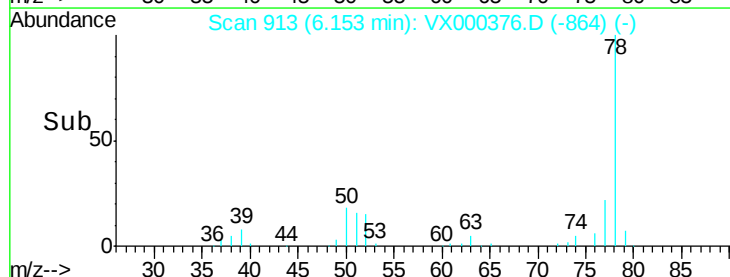
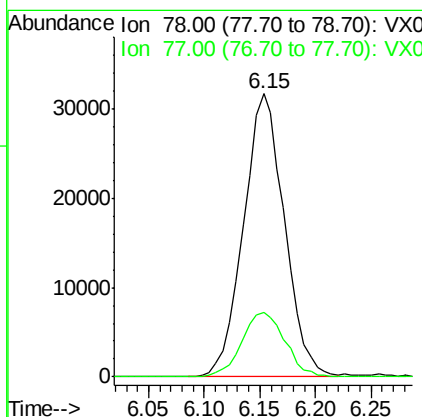
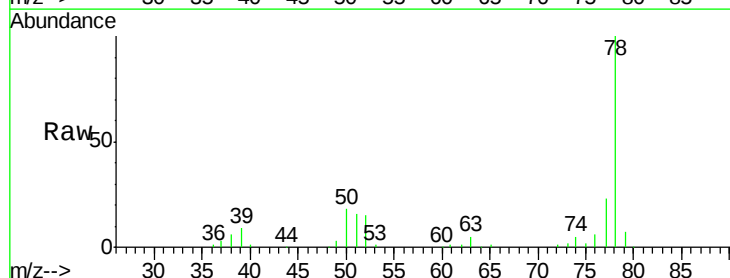
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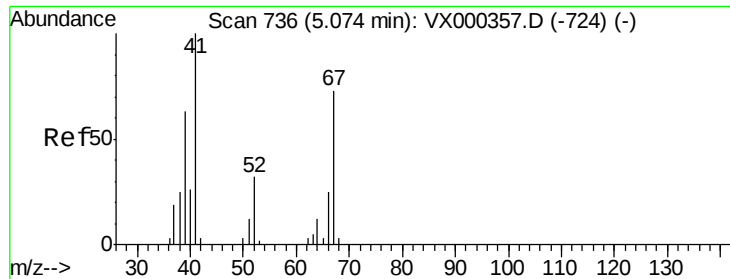
apatel
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#40
Benzene
Concen: 16.38 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	78	Resp	80991
Ion Ratio	100	Lower	Upper
78	100		
77	22.7	18.7	28.1





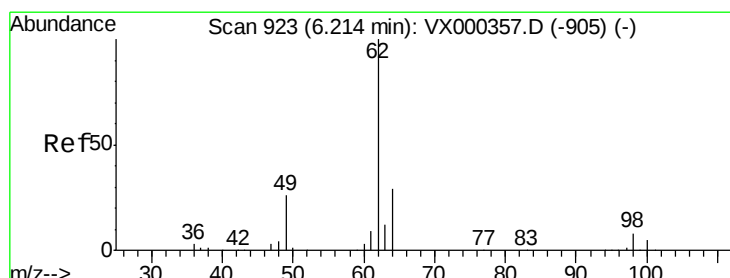
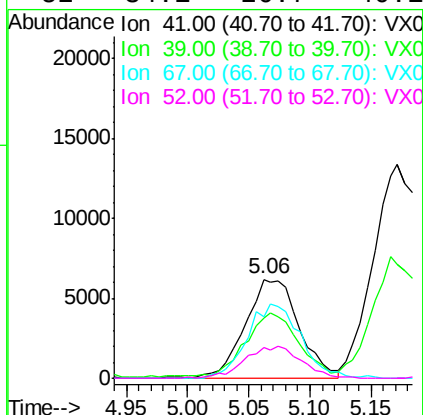
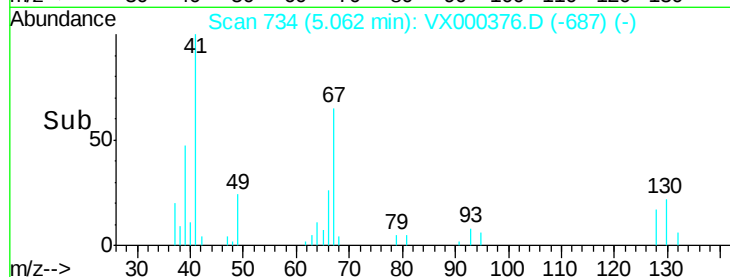
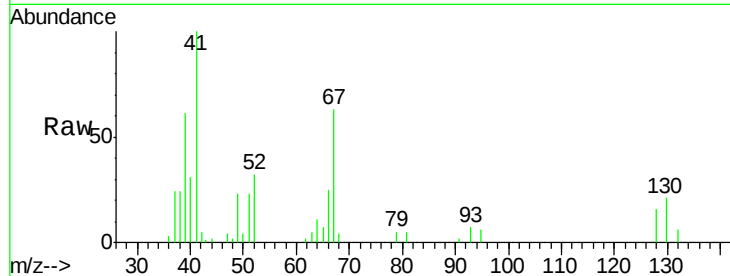
#41
Methacrylonitrile
Concen: 15.34 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.3	45.7	68.5	
67	75.0	57.8	86.8	
52	34.1	26.7	40.1	

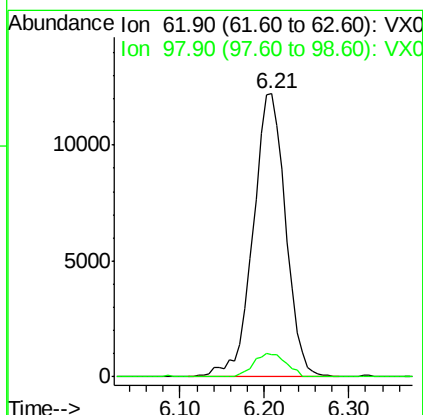
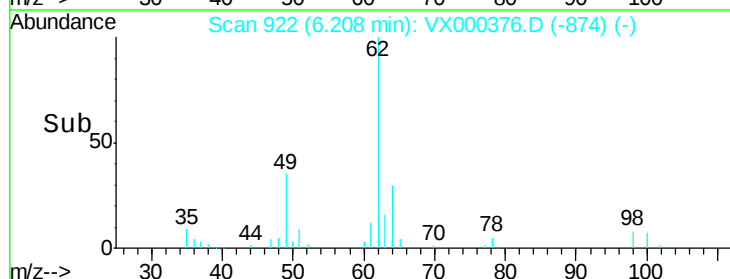
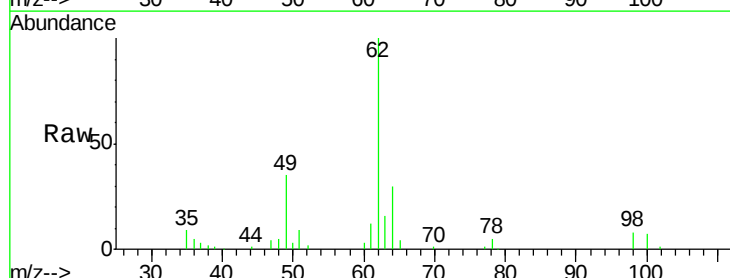
Manual Integrations
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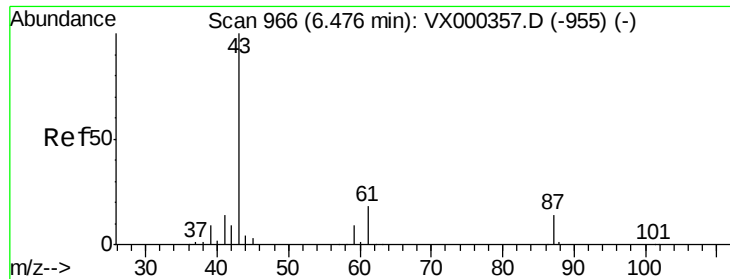
apatel
3/22/2018 2:44:21 PM



#42
1,2-Dichloroethane
Concen: 16.64 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

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





#43

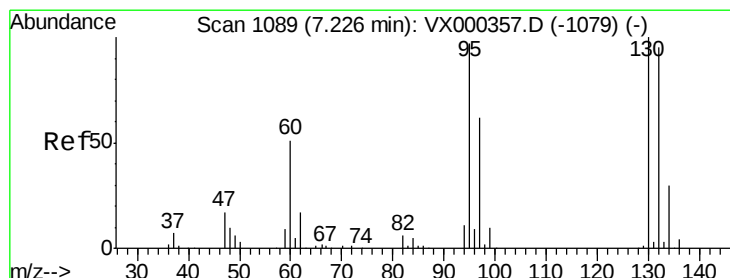
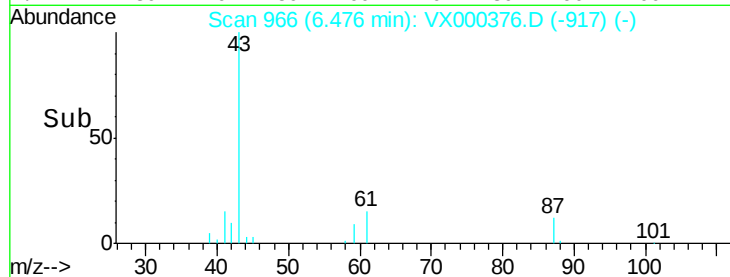
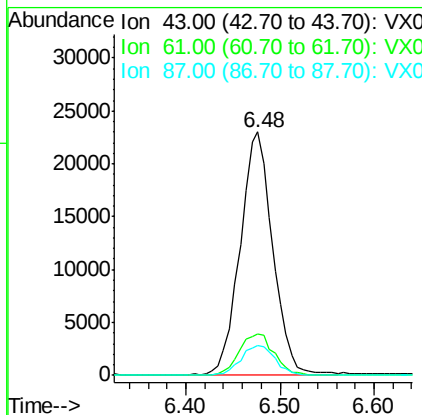
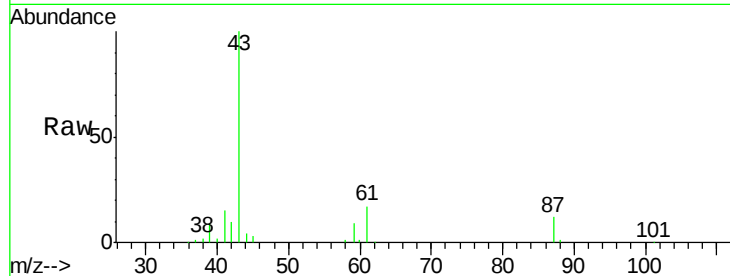
Isopropyl Acetate
 Concen: 16.07 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.7	11.0	16.4

Manual Integrations
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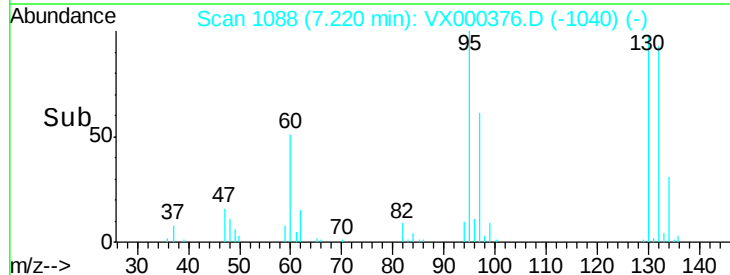
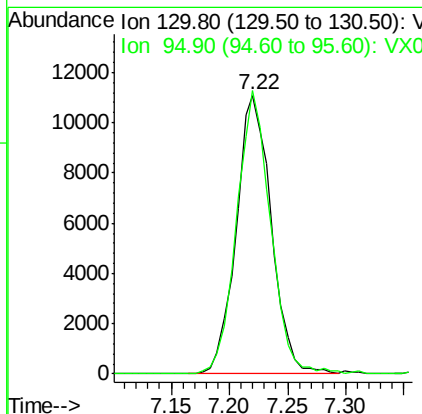
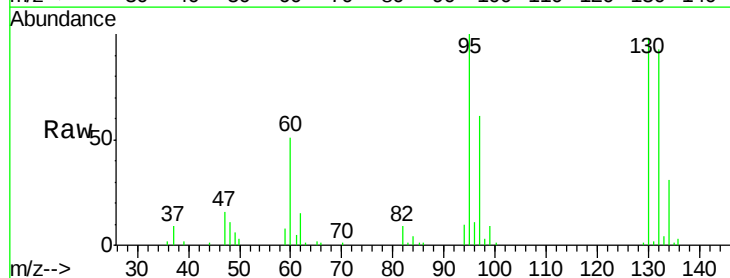
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#44

Trichloroethene
 Concen: 16.43 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	186.0





#45

1,2-Dichloropropane

Concen: 17.16 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS01

Tot Ion: 63 Resp: 21717

Ion Ratio Lower Upper

63 100

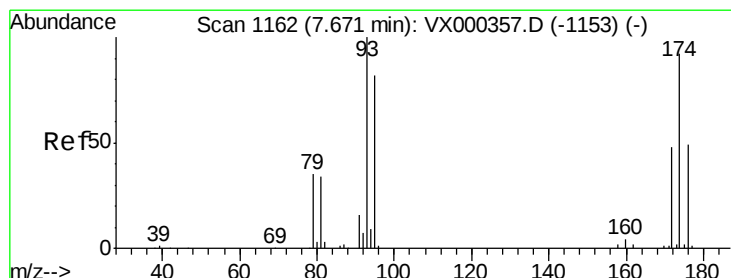
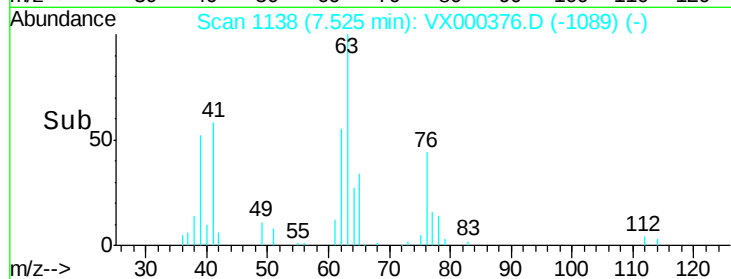
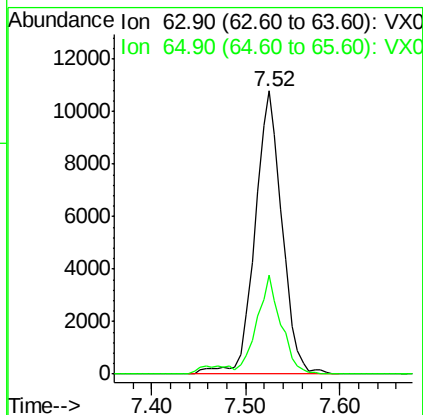
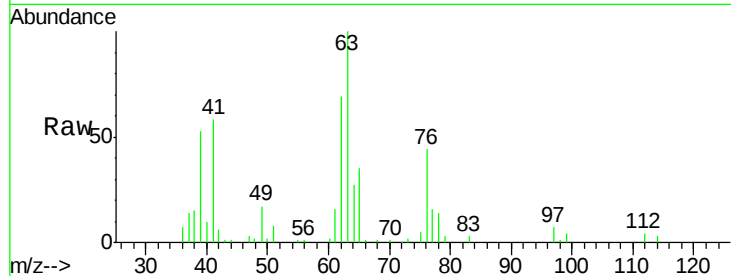
65 35.0 24.6 36.8

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#46

Dibromomethane

Concen: 16.58 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

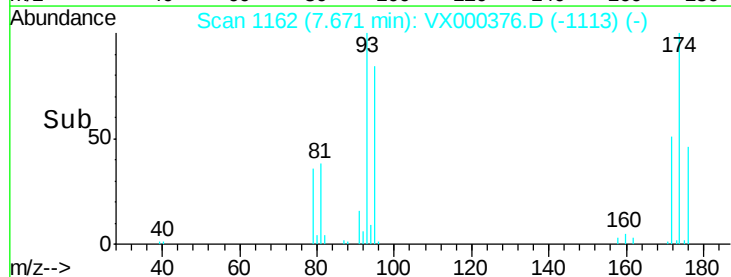
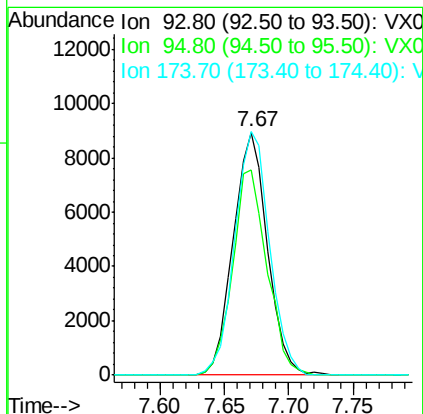
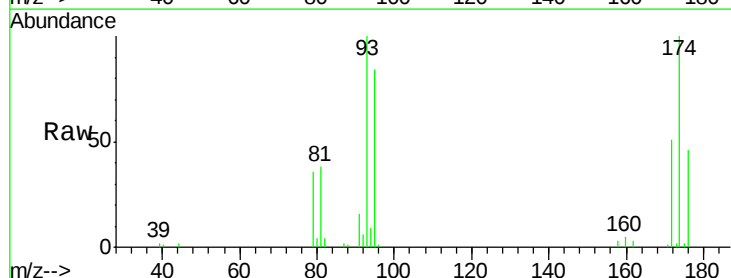
Tgt Ion: 93 Resp: 16474

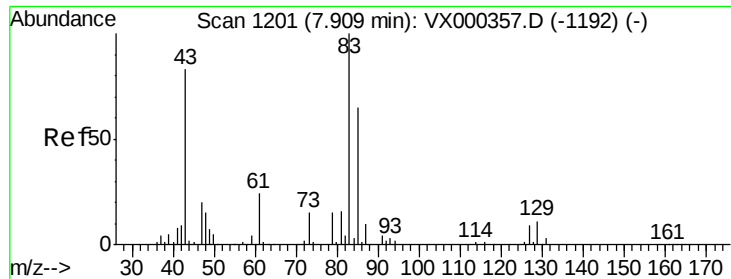
Ion Ratio Lower Upper

93 100

95 85.2 66.5 99.7

174 101.9 76.0 114.0





#47

Bromodichloromethane

Concen: 16.91 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

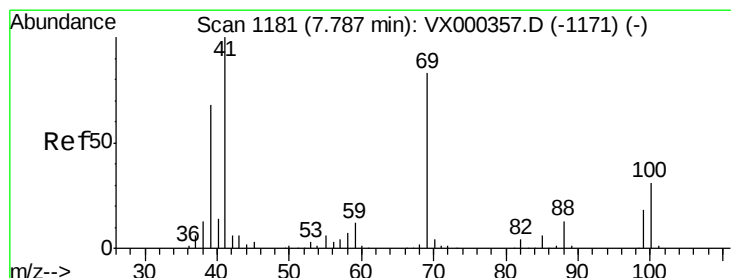
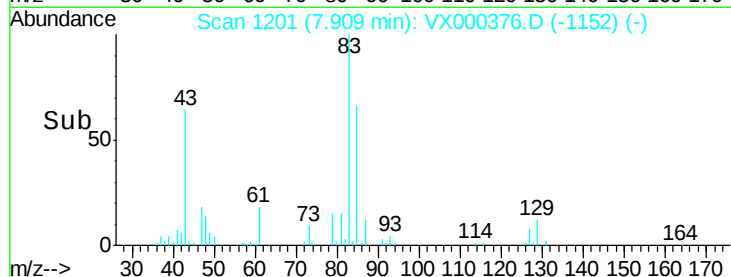
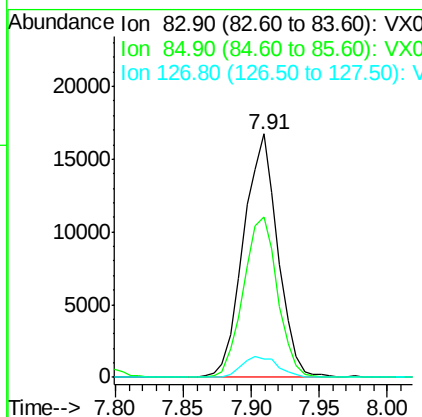
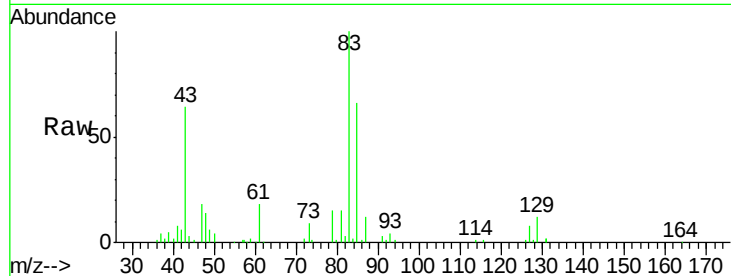
ClientSampleId :

VX0321WBS01

Tot Ion:	83	Resp:	29549
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.0
127	7.8	7.0	10.6

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#48

Methyl methacrylate

Concen: 16.44 ug/l

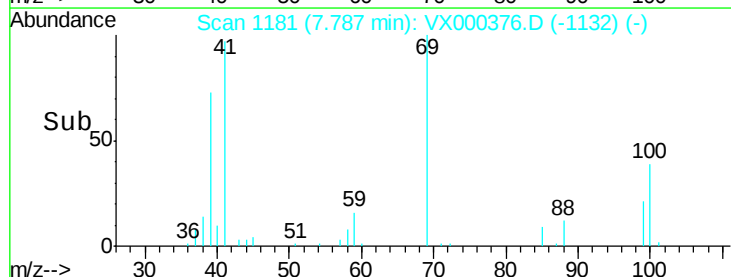
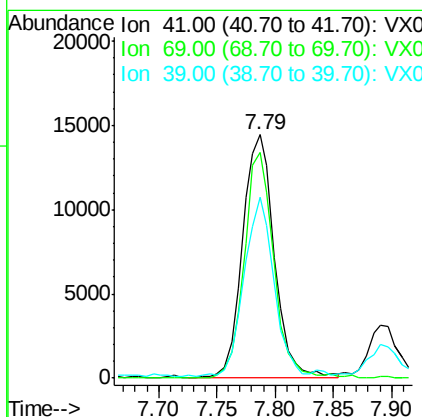
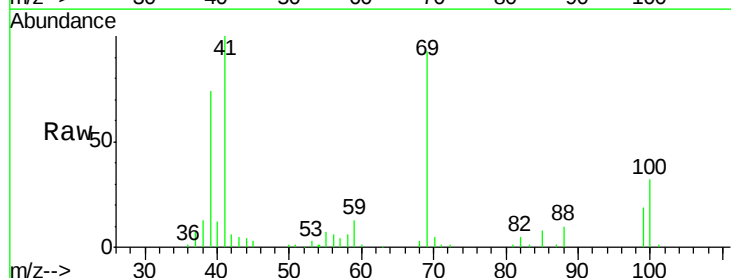
RT: 7.79 min Scan# 1181

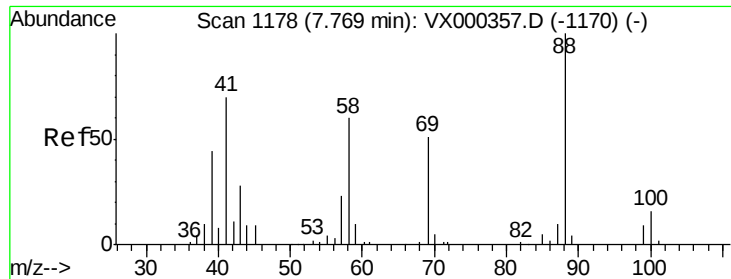
Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Tgt Ion:	41	Resp:	27628
Ion	Ratio	Lower	Upper
41	100		
69	86.7	68.2	102.4
39	67.9	54.6	81.8





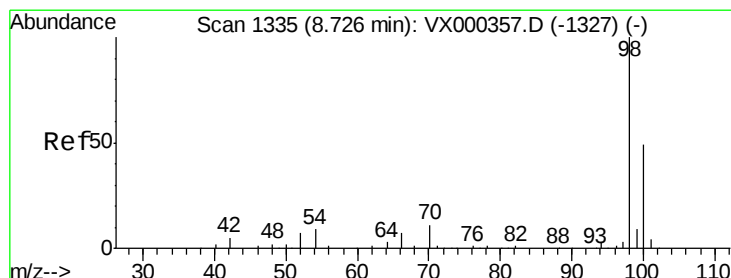
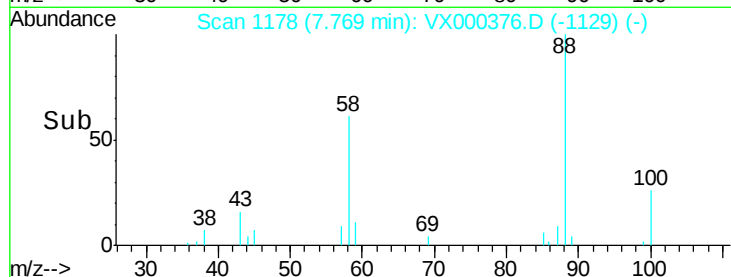
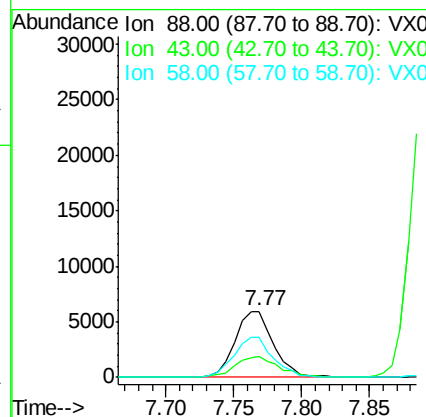
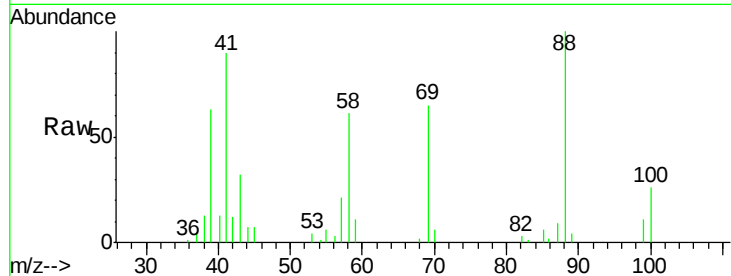
#49
1,4-Dioxane
Concen: 329.45 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0321WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	26.8	40.2
58	61.9	52.2	78.2

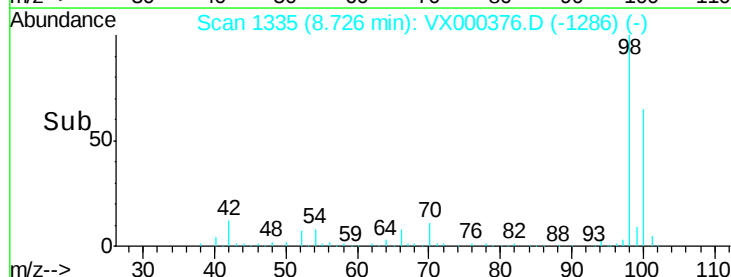
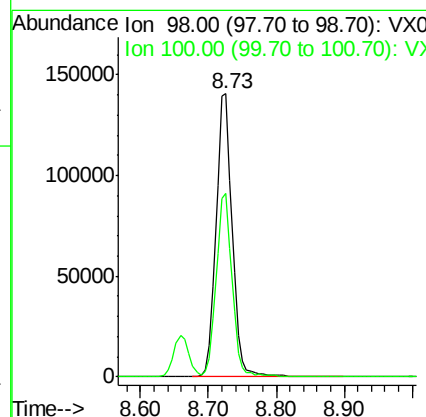
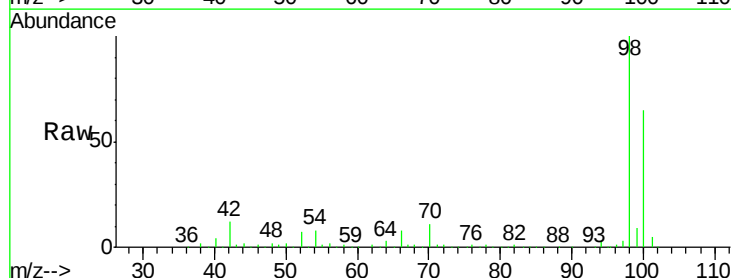
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#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 82.39 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion: 43 Resp: 220767

Ion Ratio Lower Upper

43 100

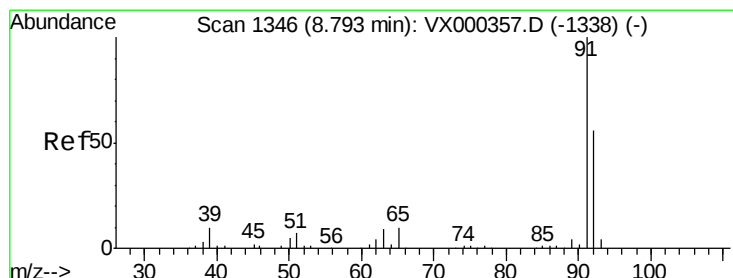
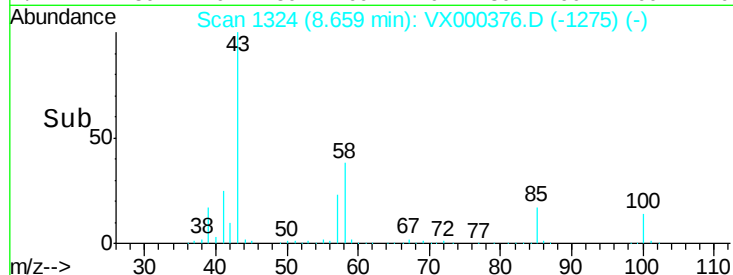
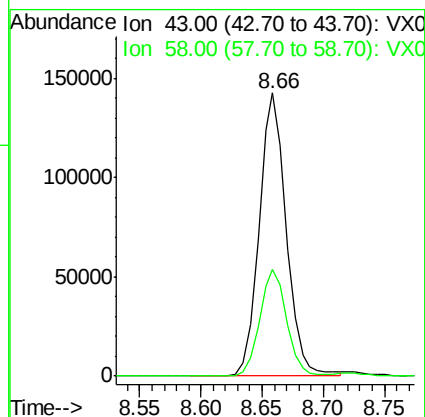
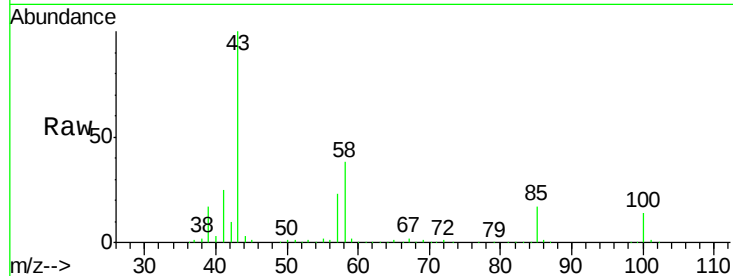
58 37.3 30.3 45.5

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#52

Toluene

Concen: 16.62 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000376.D

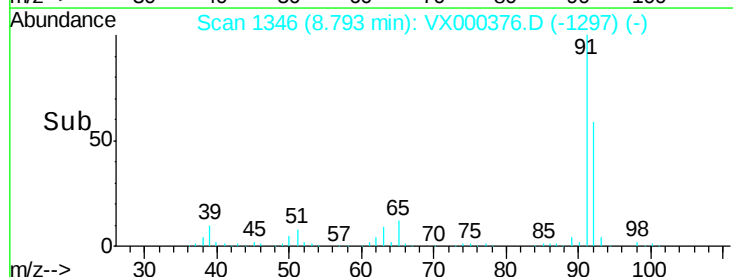
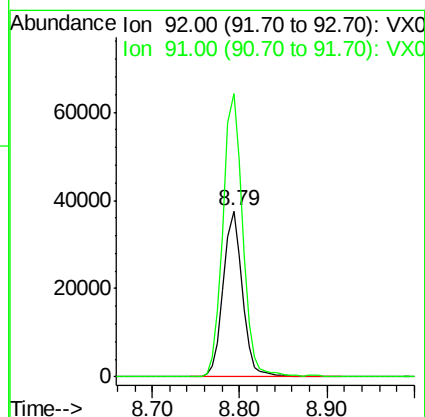
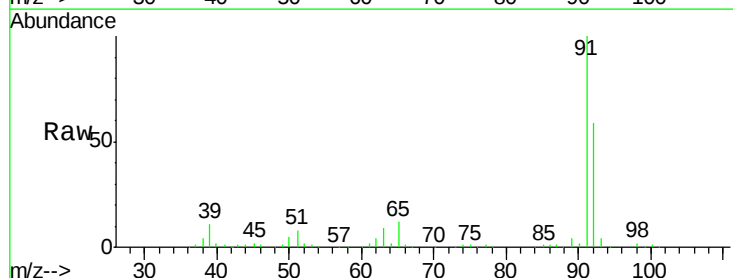
Acq: 21 Mar 2018 11:24

Tgt Ion: 92 Resp: 57446

Ion Ratio Lower Upper

92 100

91 174.2 140.2 210.2





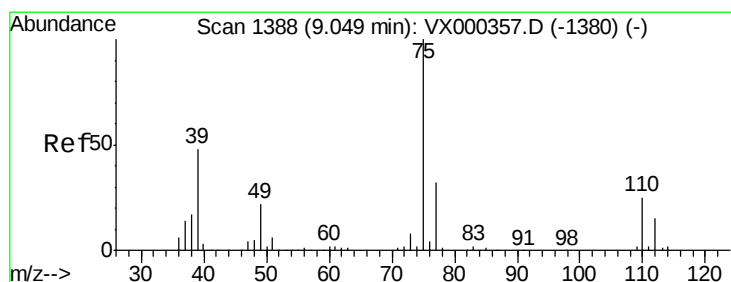
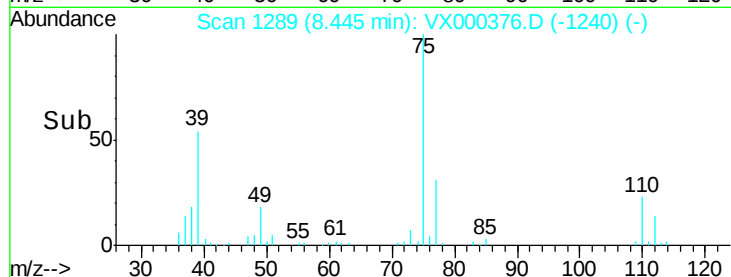
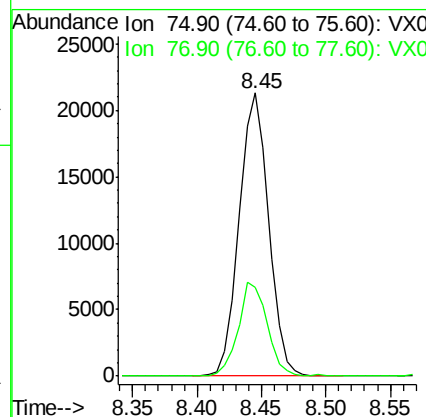
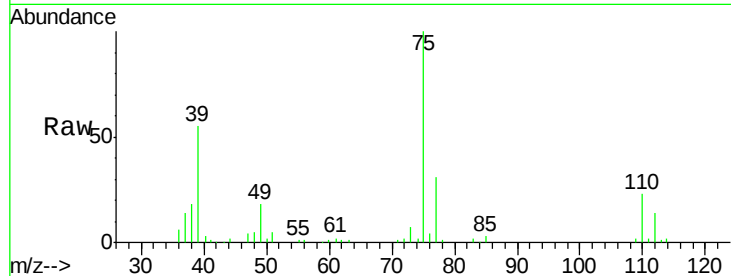
#53
 t-1,3-Dichloropropene
 Concen: 16.71 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.0	36.0

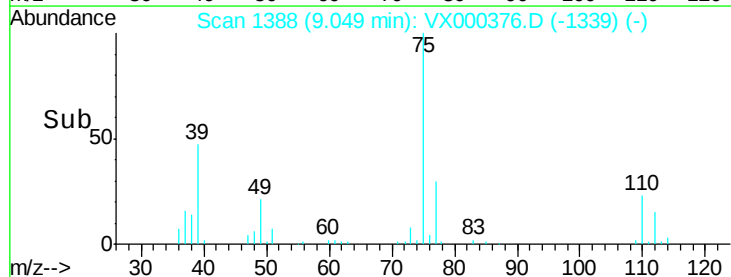
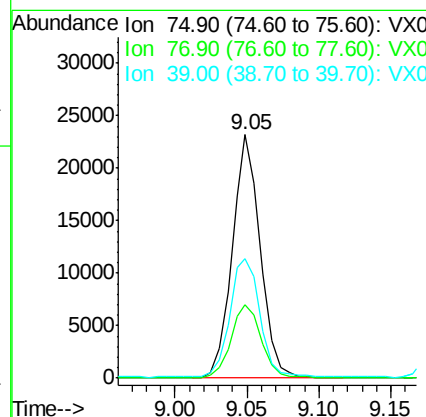
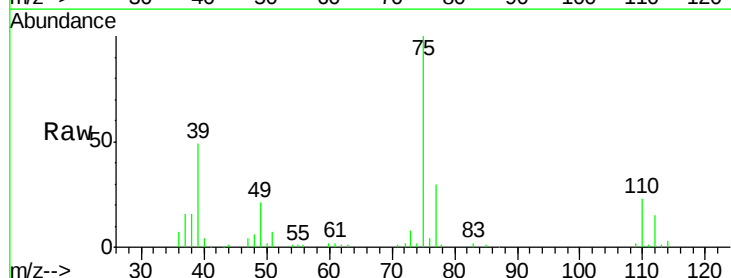
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#54
 cis-1,3-Dichloropropene
 Concen: 16.05 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	26.1	39.1
39	48.1	39.8	59.6





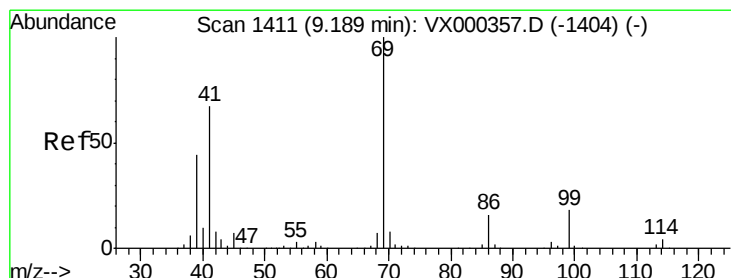
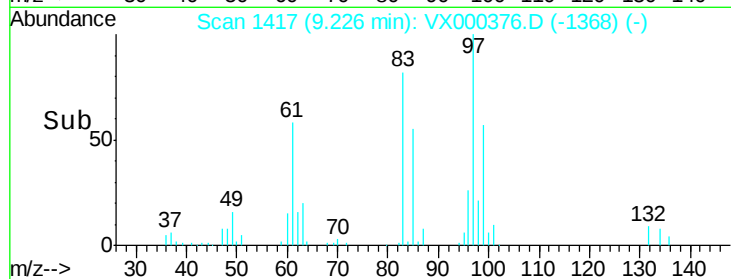
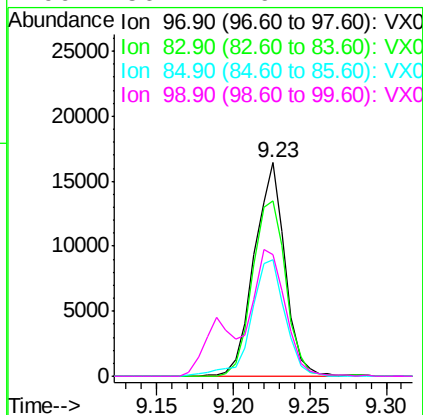
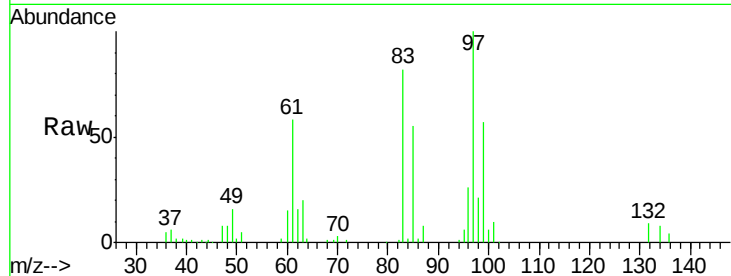
#55
 1,1,2-Trichloroethane
 Concen: 16.24 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion:	97	Resp:	23081
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.9	101.9
85	54.7	42.8	64.2
99	56.4	49.4	74.2

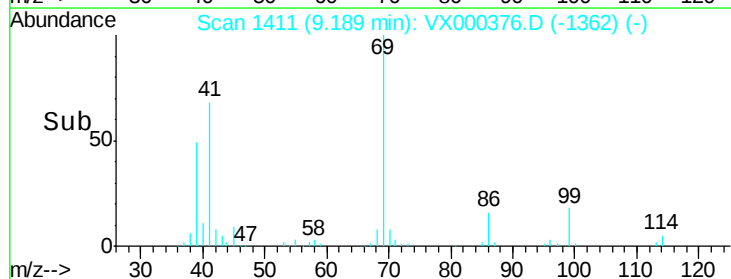
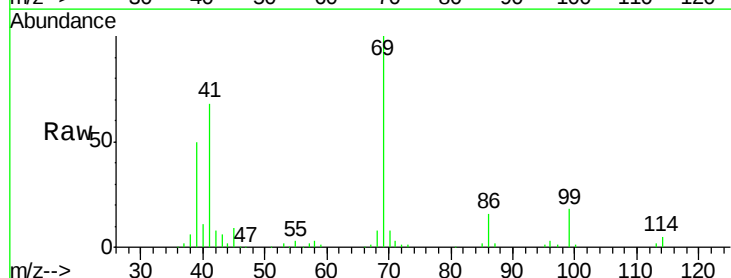
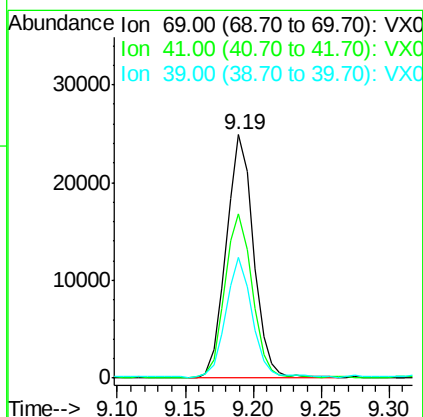
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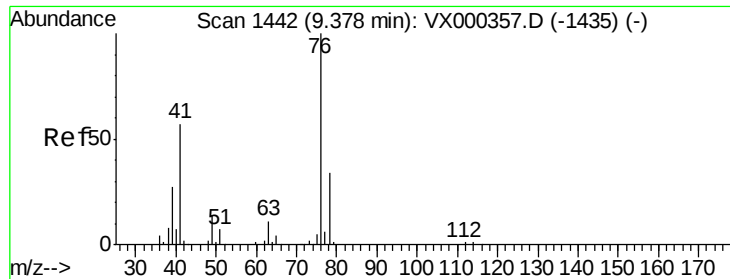
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#56
 Ethyl methacrylate
 Concen: 16.23 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion:	69	Resp:	34967
Ion	Ratio	Lower	Upper
69	100		
41	68.3	53.0	79.6
39	49.0	35.3	52.9





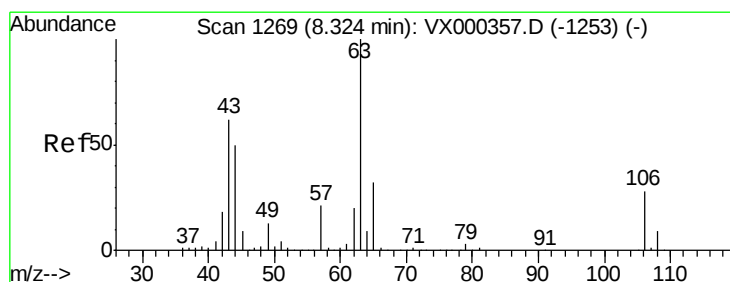
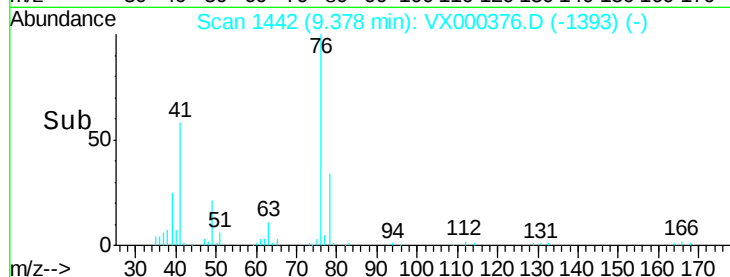
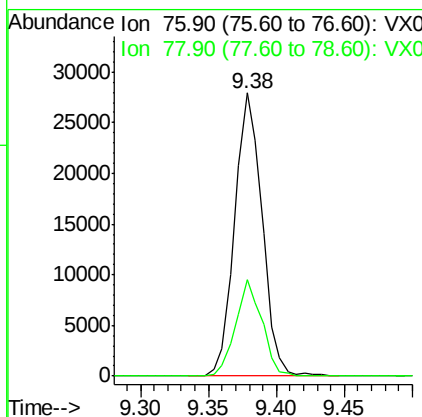
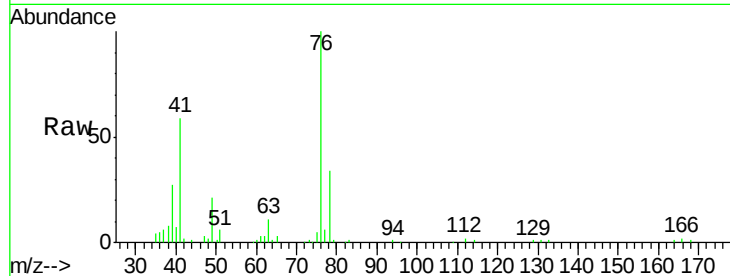
#57
 1,3-Dichloropropane
 Concen: 17.26 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion: 76 Resp: 39253
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.4 39.6

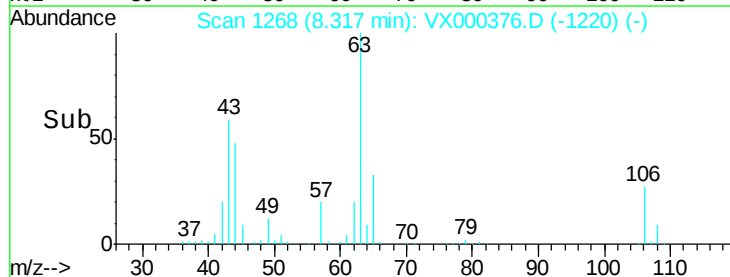
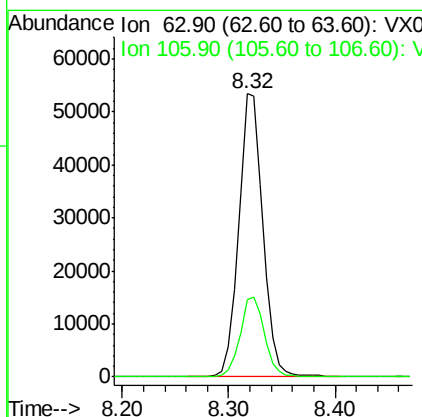
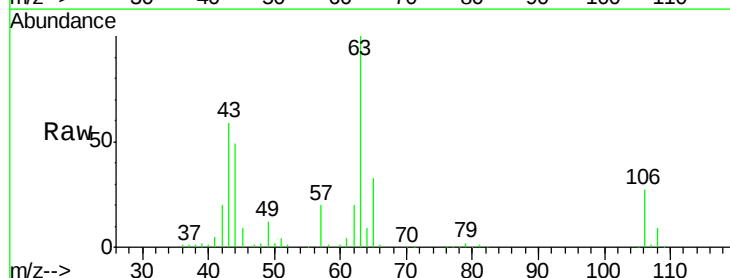
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#58
 2-Chloroethyl Vinyl ether
 Concen: 82.35 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion: 63 Resp: 85128
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8





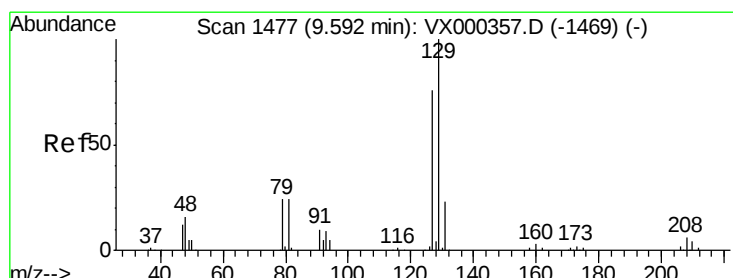
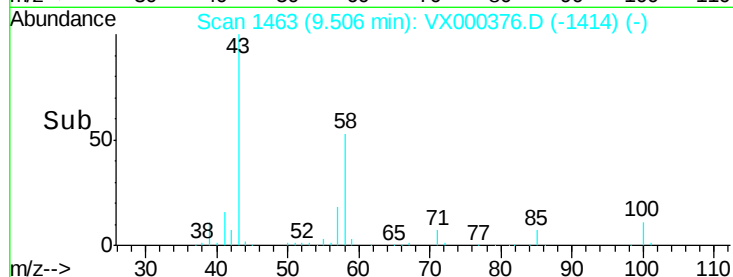
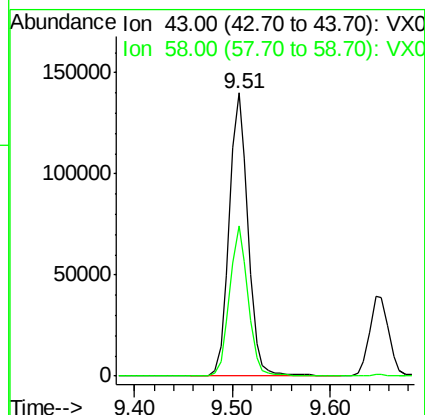
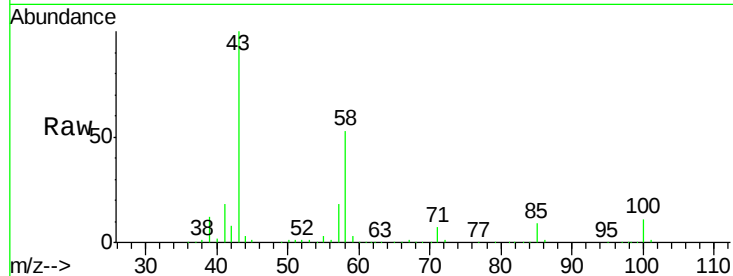
#59
2-Hexanone
Concen: 82.14 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion: 43 Resp: 186893
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7

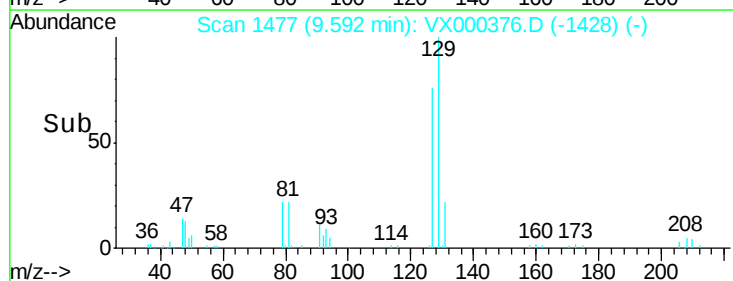
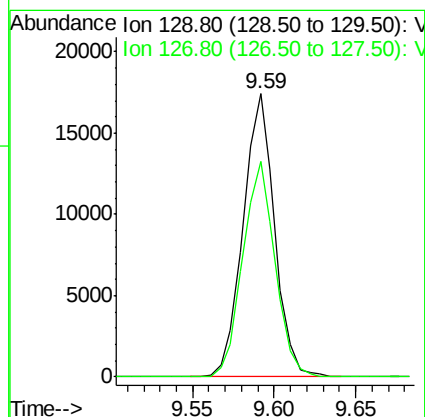
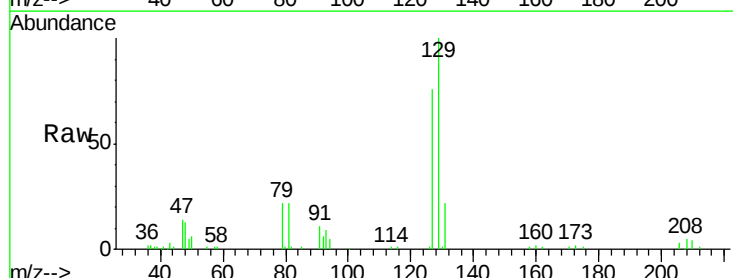
Manual Integrations
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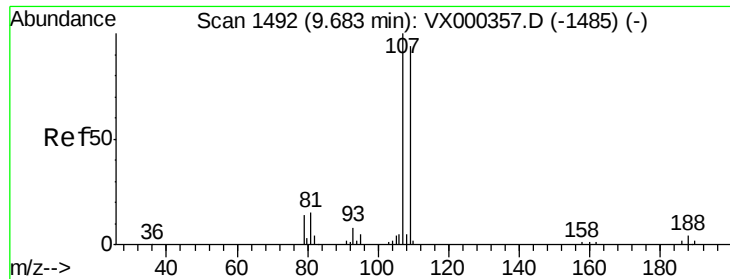
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#60
Dibromochloromethane
Concen: 16.89 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion: 129 Resp: 23411
Ion Ratio Lower Upper
129 100
127 77.8 37.9 113.6





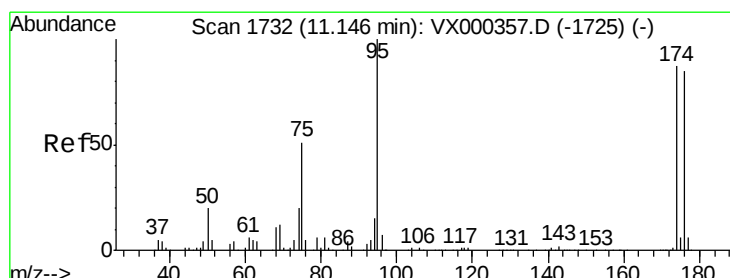
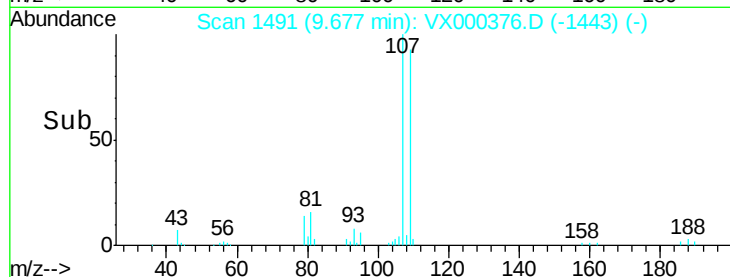
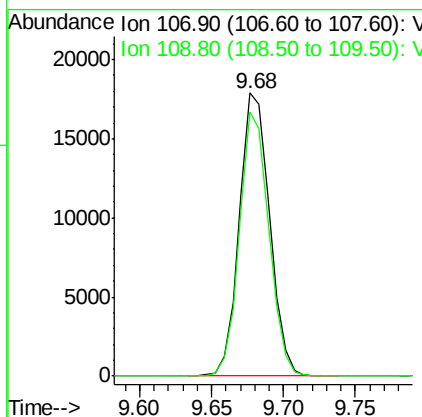
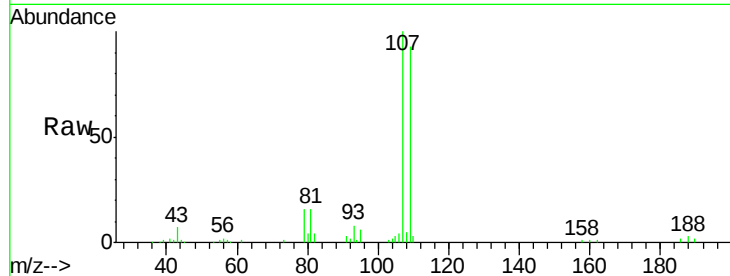
#61
 1,2-Dibromoethane
 Concen: 17.15 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion:107 Resp: 26144
 Ion Ratio Lower Upper
 107 100
 109 90.3 76.1 114.1

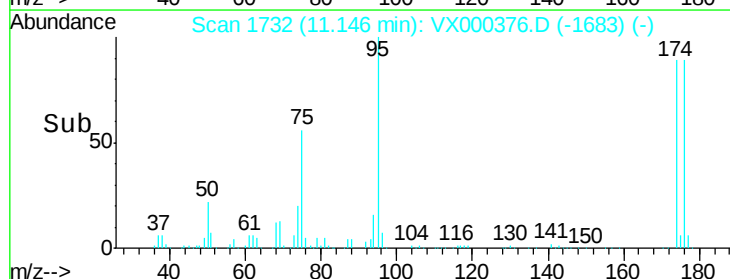
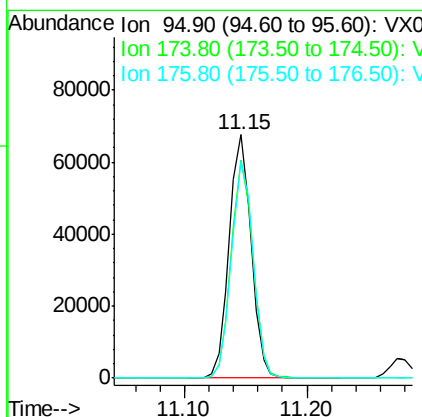
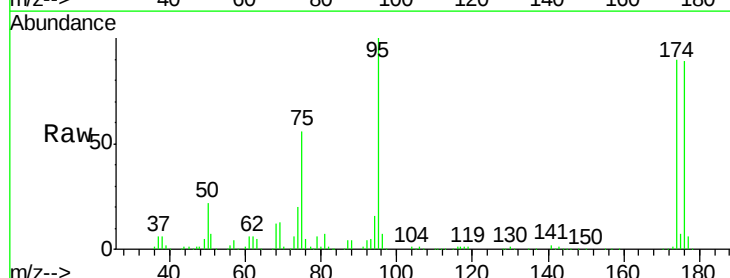
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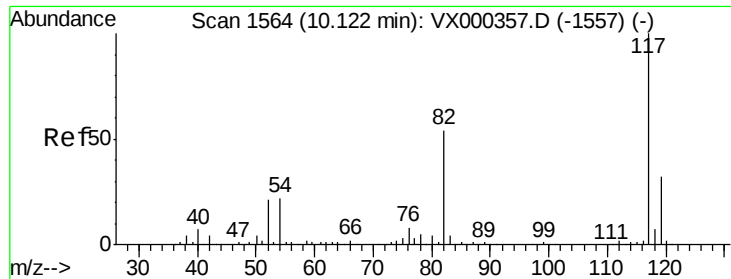
apatel
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#62
 4-Bromofluorobenzene
 Concen: 42.83 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion: 95 Resp: 83826
 Ion Ratio Lower Upper
 95 100
 174 88.4 0.0 173.6
 176 87.8 0.0 164.6





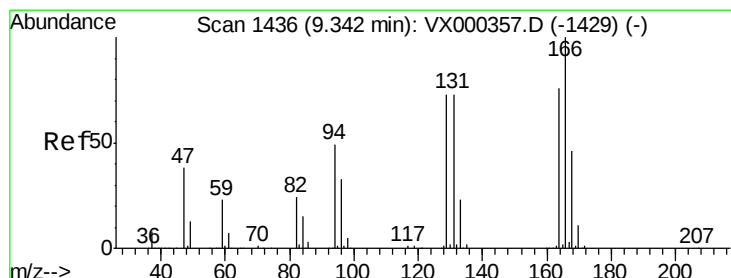
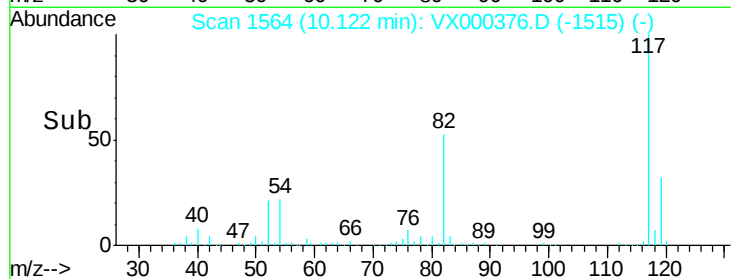
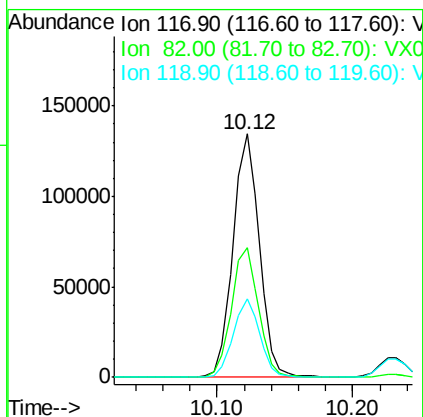
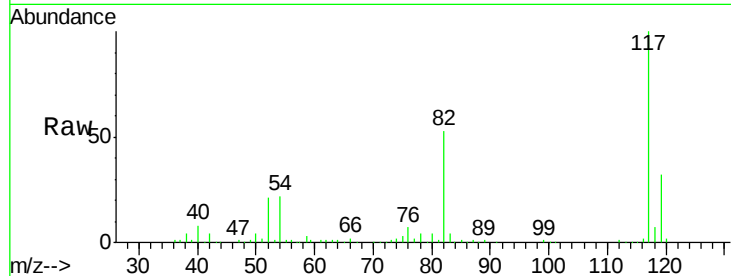
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	32.1	24.9	37.3

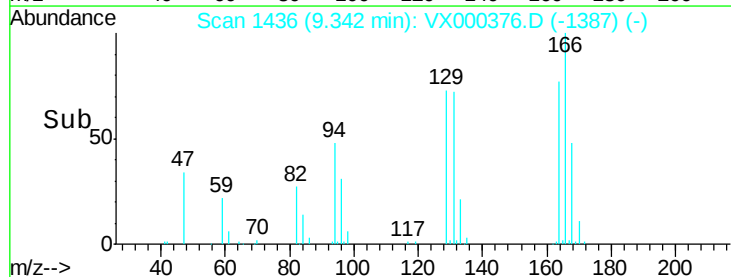
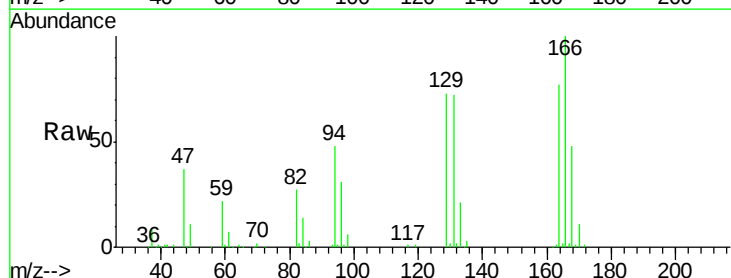
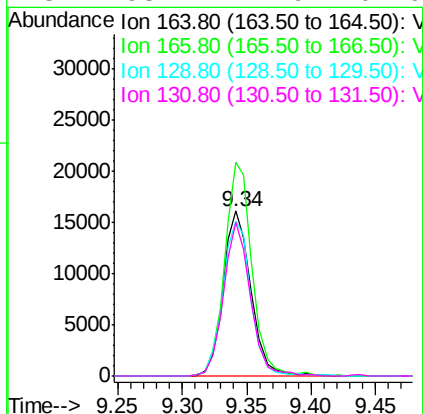
Manual Integrations
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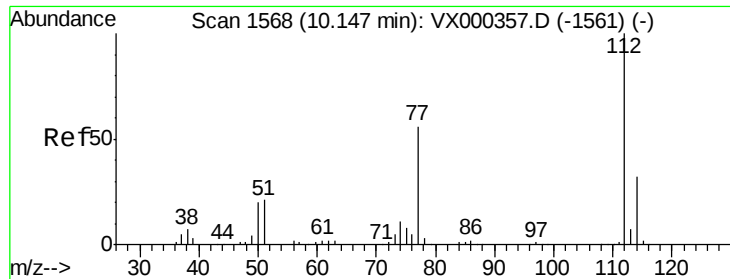
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#64
Tetrachloroethene
Concen: 17.23 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	101.0	151.6
129	94.2	79.0	118.4
131	93.1	71.9	107.9





#65

Chlorobenzene

Concen: 16.14 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS01

Tot Ion:112 Resp: 65436

Ion Ratio Lower Upper

112 100

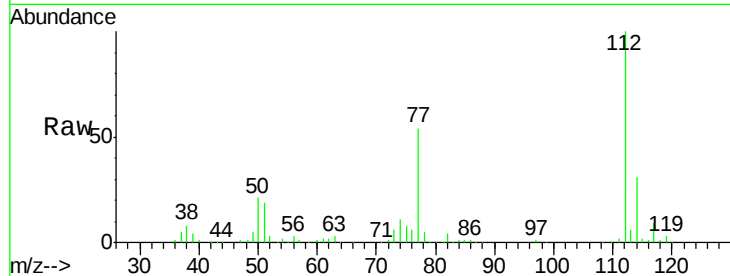
114 30.7 25.7 38.5

Manual Integrations

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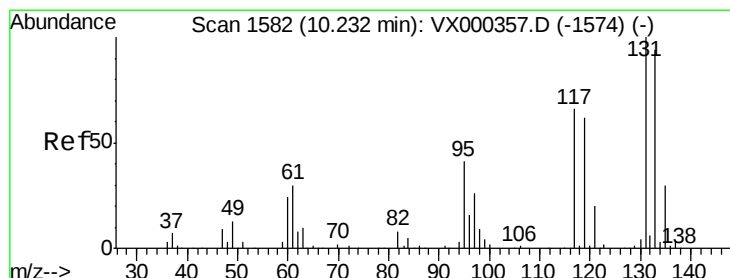
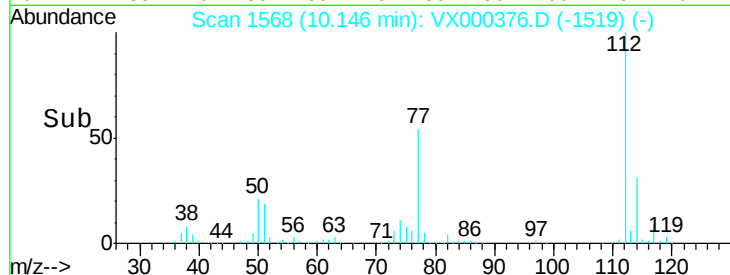
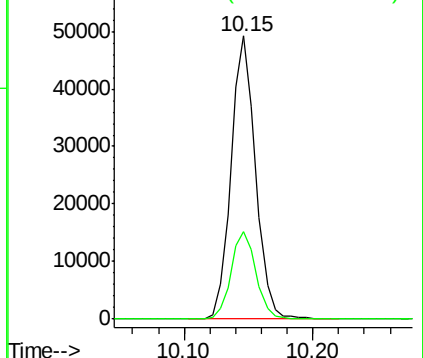
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.89 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

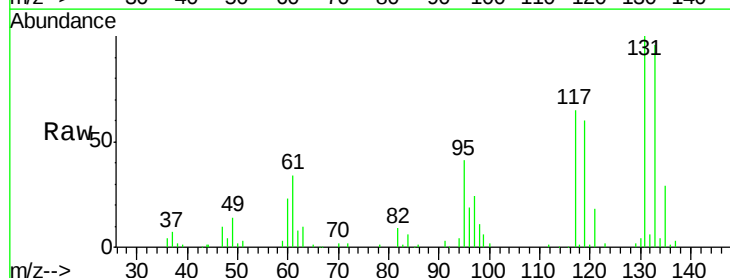
Tgt Ion:131 Resp: 23263

Ion Ratio Lower Upper

131 100

133 92.5 47.1 141.3

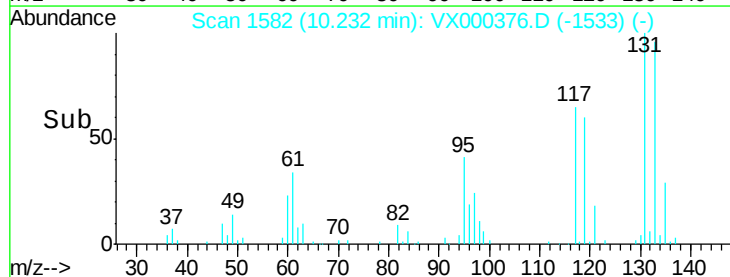
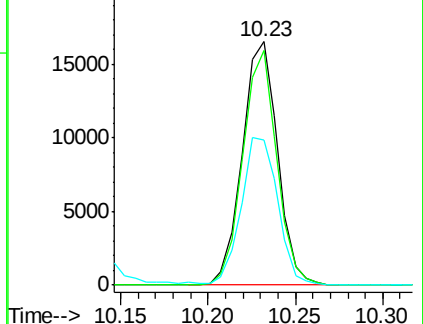
119 62.9 33.1 99.2

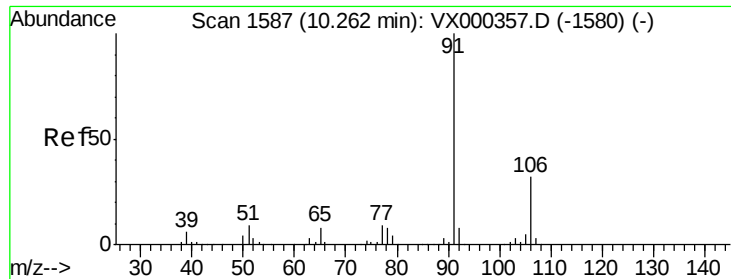


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 16.58 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0321WBS01

Tot Ion: 91 Resp: 113979

Ion Ratio Lower Upper

91 100

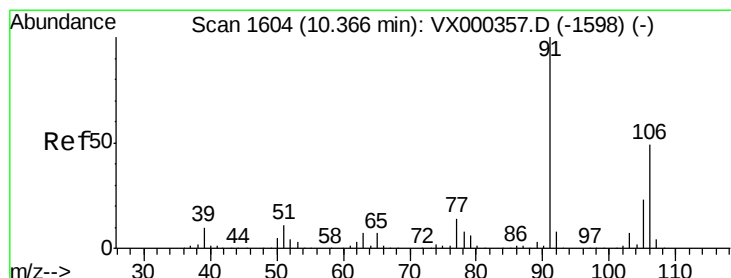
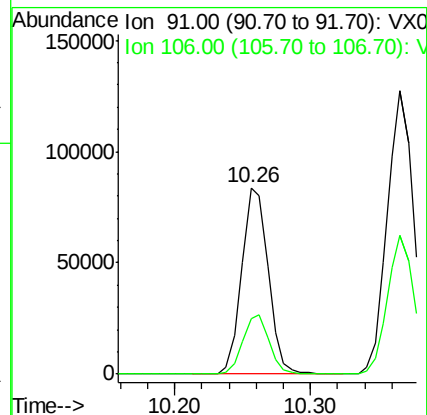
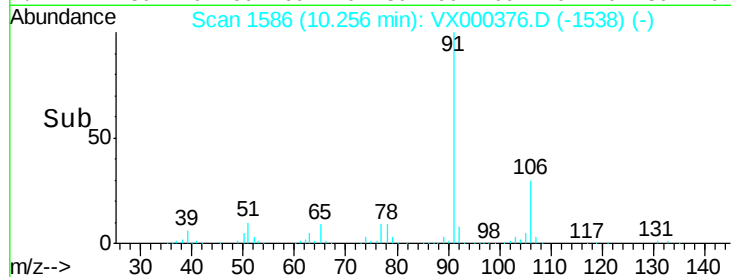
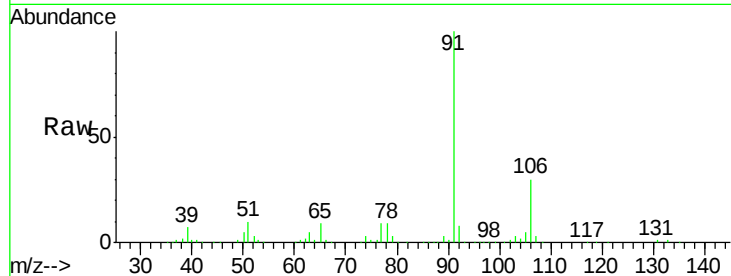
106 29.7 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 31.82 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000376.D

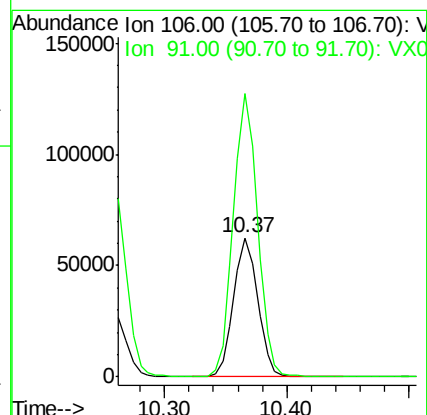
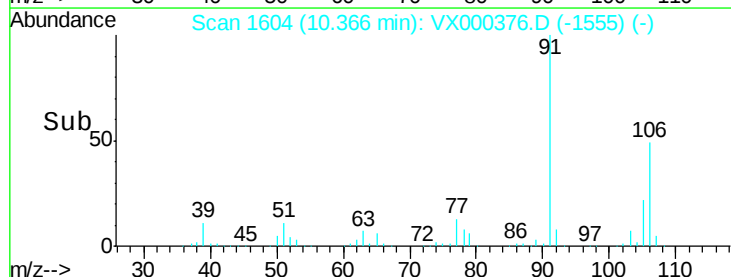
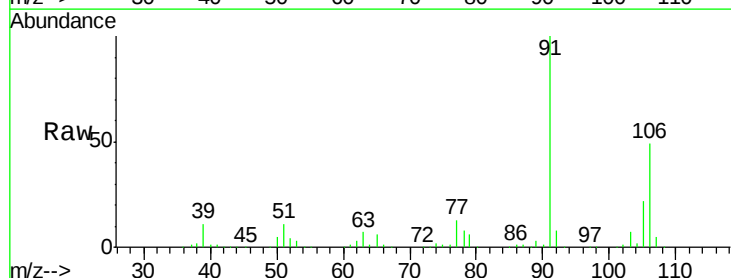
Acq: 21 Mar 2018 11:24

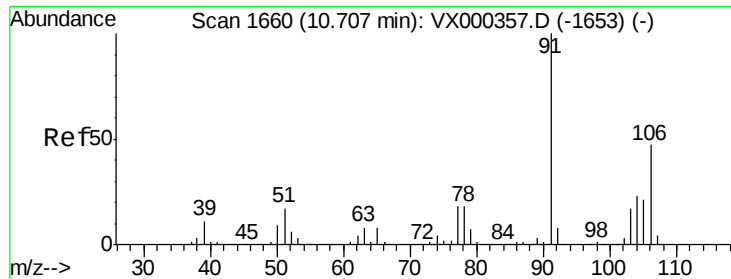
Tgt Ion: 106 Resp: 86065

Ion Ratio Lower Upper

106 100

91 202.3 163.4 245.2





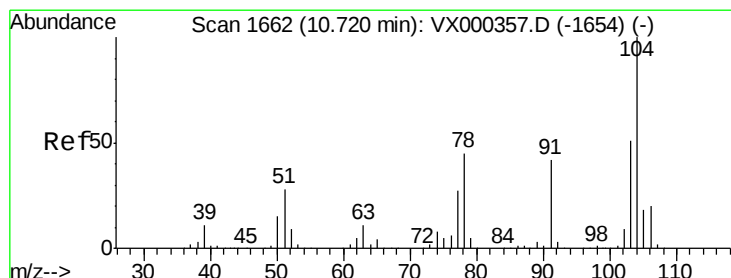
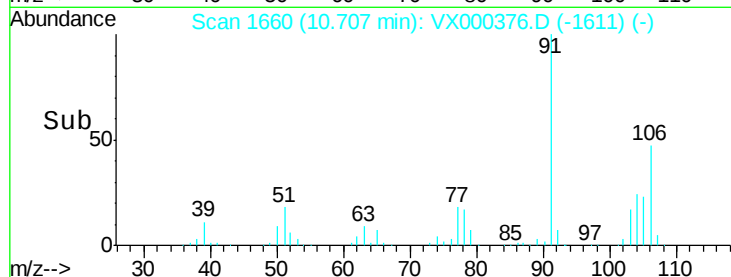
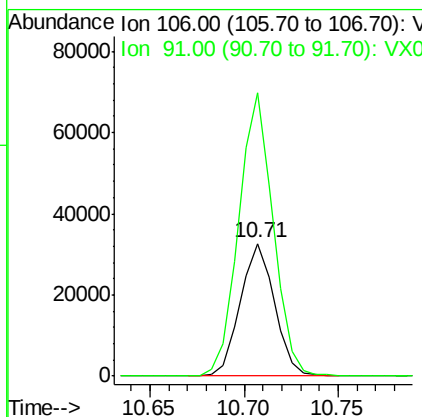
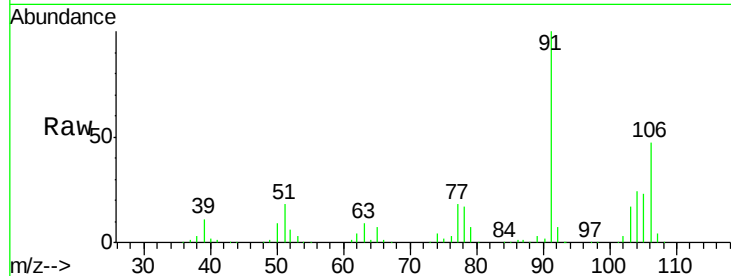
#69
o-Xylene
Concen: 15.81 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0321WBS01

Tot Ion:106 Resp: 41409
Ion Ratio Lower Upper
106 100
91 213.7 106.5 319.6

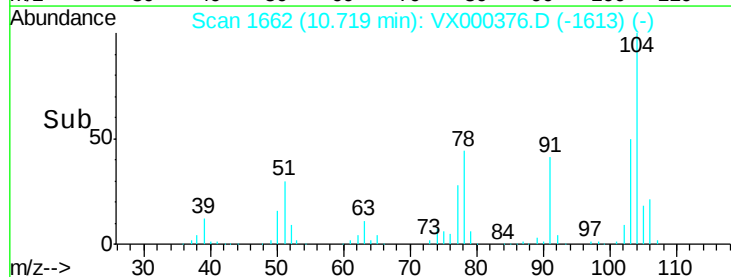
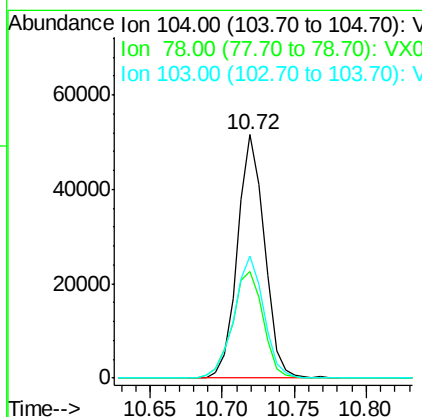
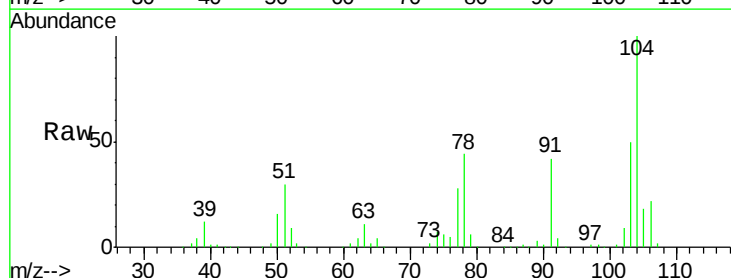
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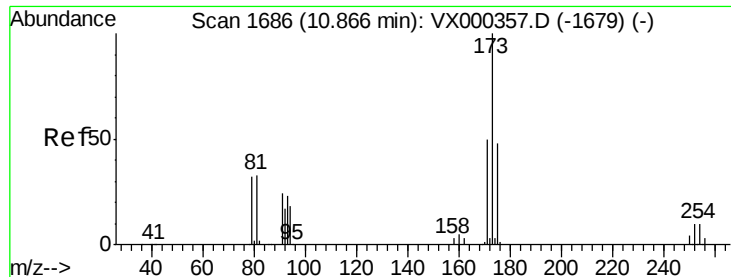
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#70
Styrene
Concen: 15.57 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion:104 Resp: 67470
Ion Ratio Lower Upper
104 100
78 50.3 40.5 60.7
103 55.7 45.7 68.5





#71

Bromoform

Concen: 16.15 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion:173 Resp: 18053

Ion Ratio Lower Upper

173 100

175 49.1 25.4 76.4

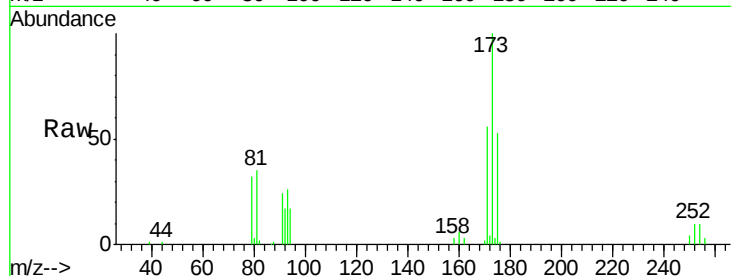
254 0.0 0.0 0.0

Manual Integrations

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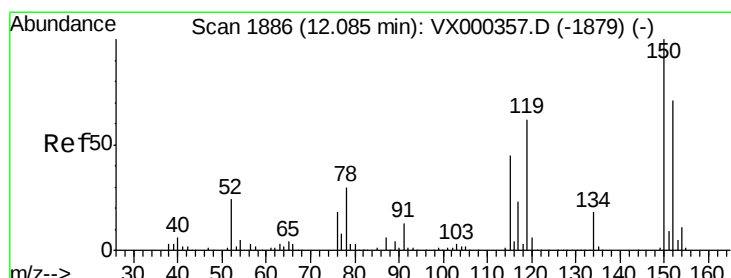
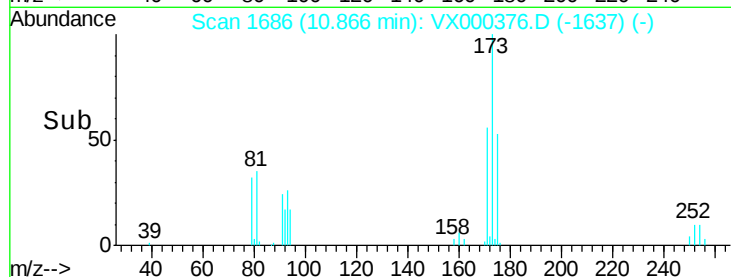
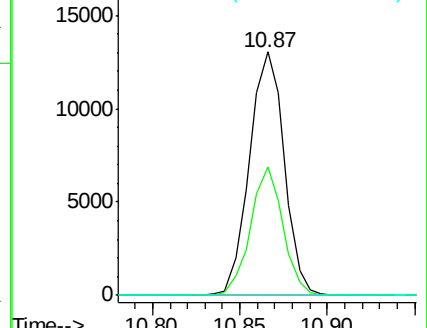
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

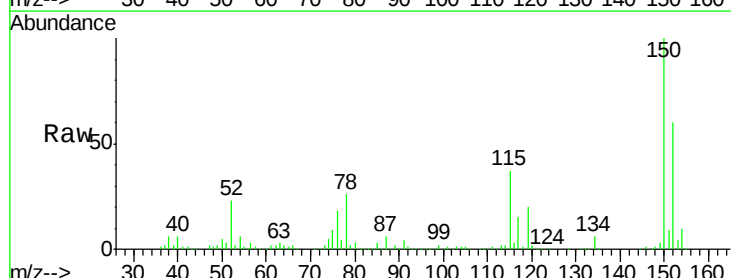
Tgt Ion:152 Resp: 97808

Ion Ratio Lower Upper

152 100

115 65.0 39.8 119.3

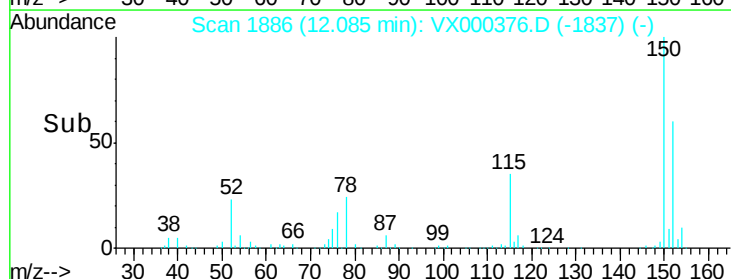
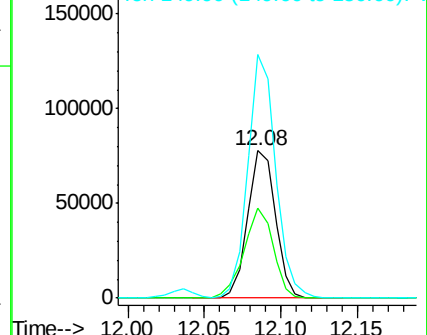
150 165.8 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.69 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion: 105 Resp: 114668

Ion Ratio Lower Upper

105 100

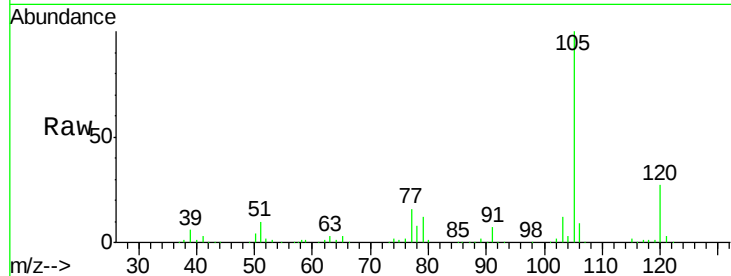
120 27.1 13.6 40.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

80000

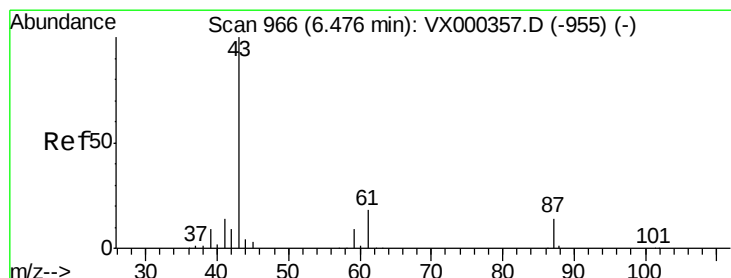
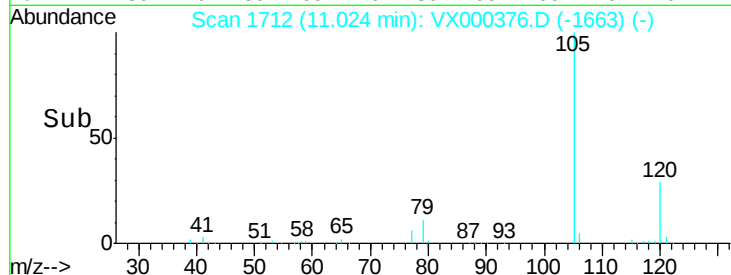
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 17.56 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Tgt Ion: 43 Resp: 55630

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

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.48

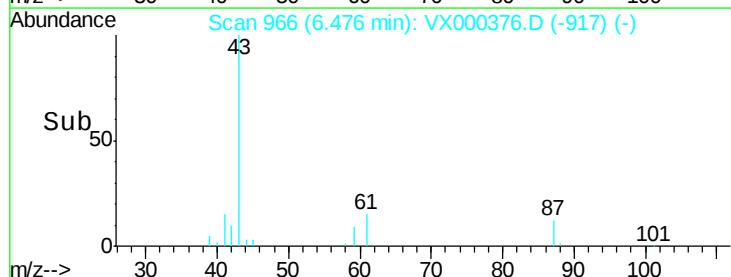
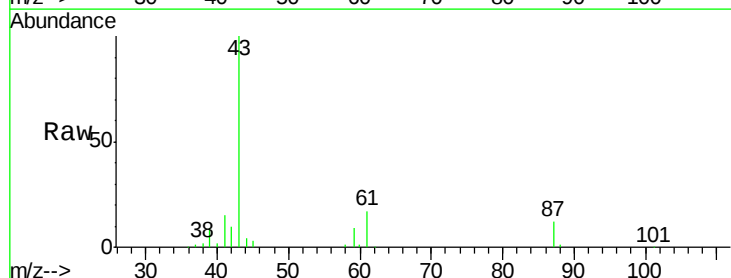
30000

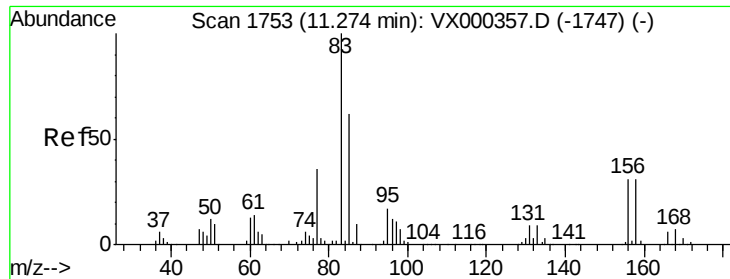
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

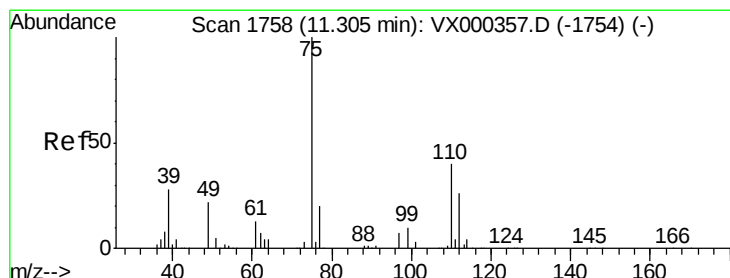
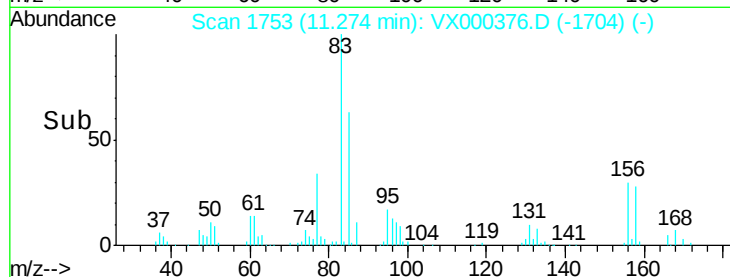
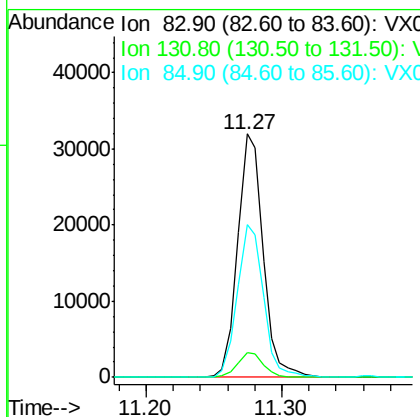
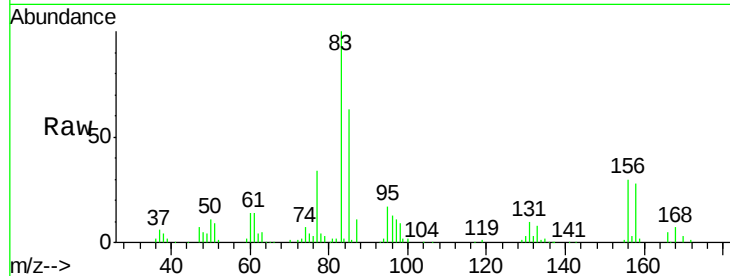
ClientSampleId :

VX0321WBS01

Tot Ion	83	Resp	41711
Ion Ratio	100	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	64.3	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 17.90 ug/l m

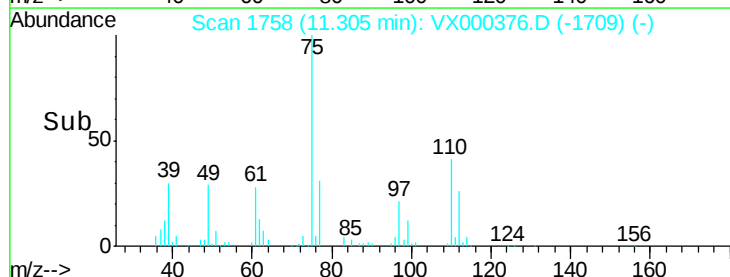
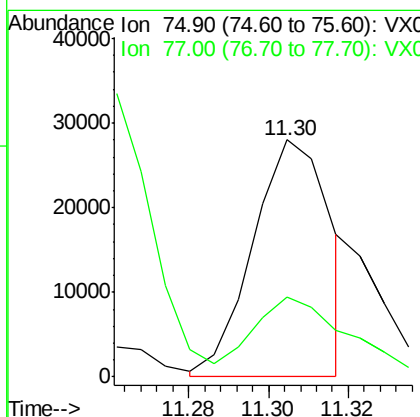
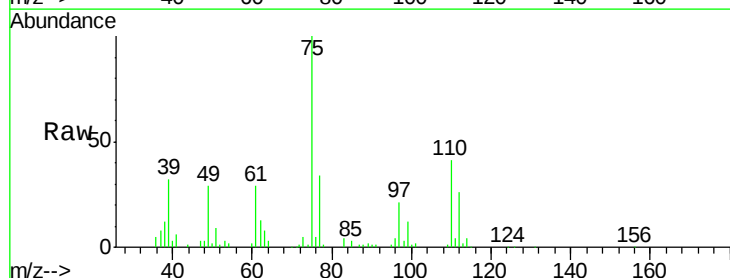
RT: 11.30 min Scan# 1758

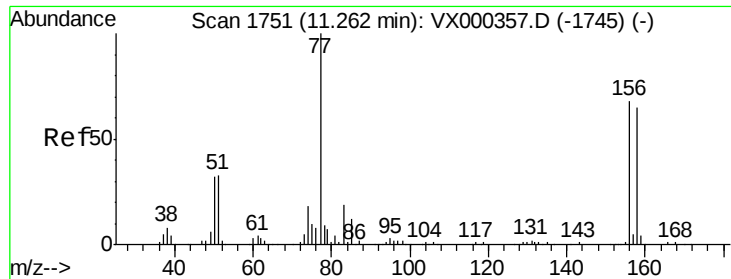
Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Tgt Ion	75	Resp	37627
Ion Ratio	100	Lower	Upper
75	100		
77	42.0	21.4	64.2





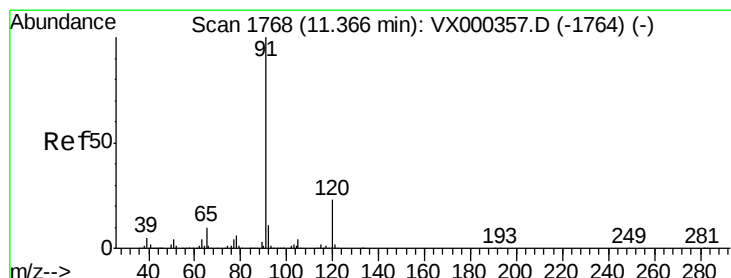
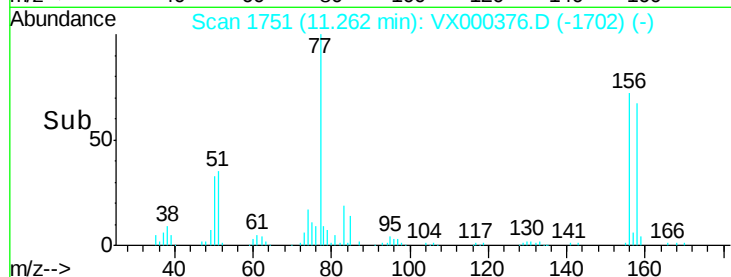
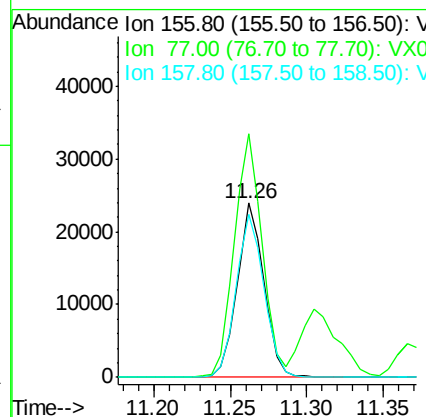
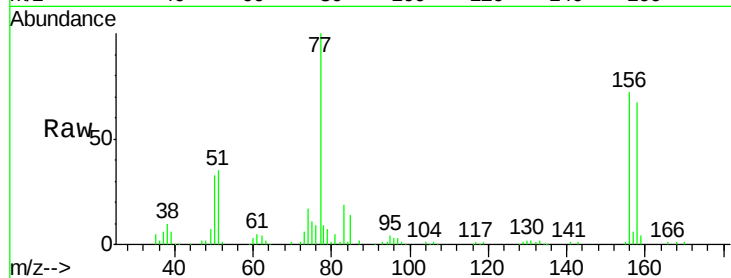
#77
Bromobenzene
Concen: 16.87 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.5	73.4	220.2
158	96.7	48.5	145.6

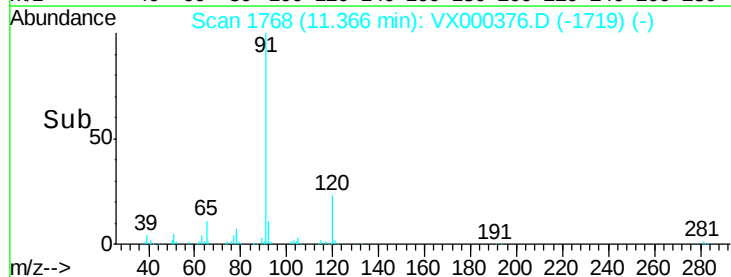
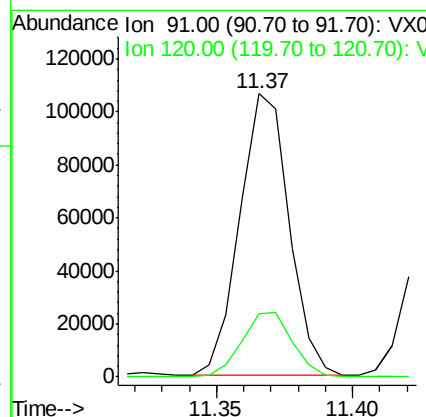
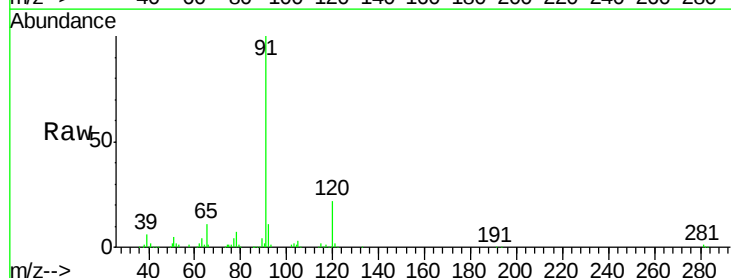
Manual Integrations
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#78
n-propylbenzene
Concen: 17.34 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 16.85 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBS01

Tot Ion: 91 Resp: 75206

Ion Ratio Lower Upper

91 100

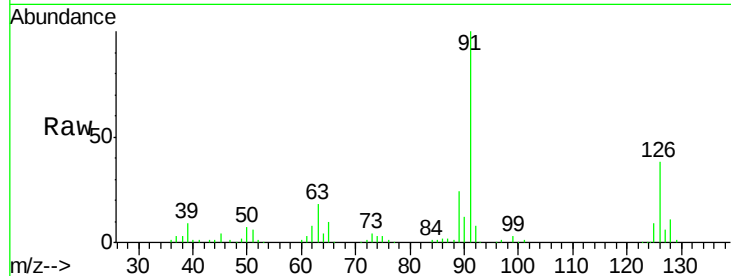
126 37.5 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX000376.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000376.D (-1774) (-)

120000

100000

80000

60000

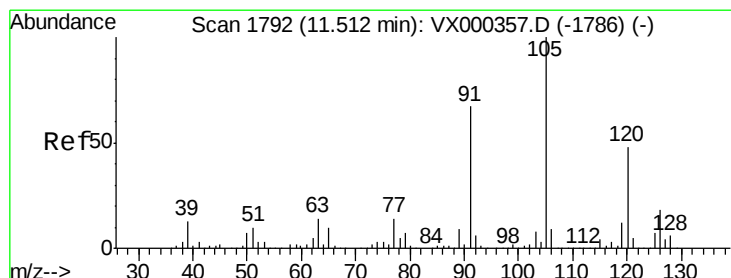
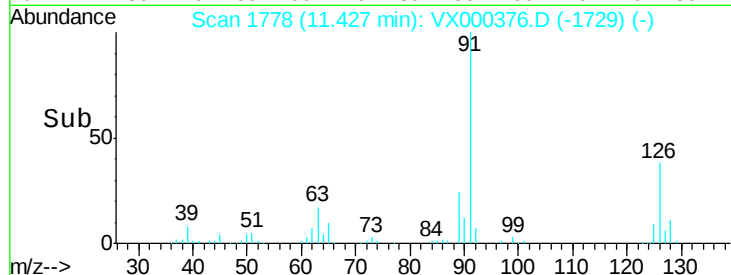
40000

20000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000376.D

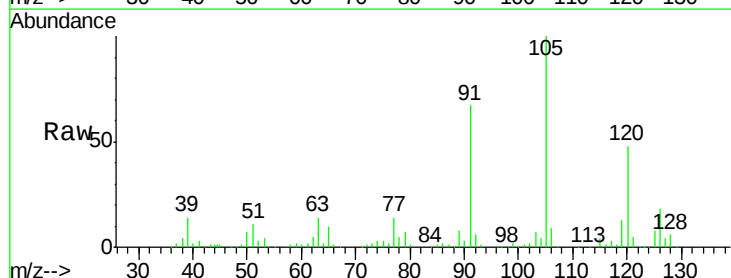
Acq: 21 Mar 2018 11:24

Tgt Ion: 105 Resp: 94844

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000376.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000376.D (-1786) (-)

80000

60000

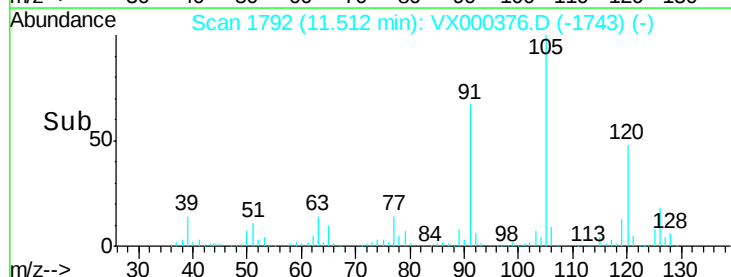
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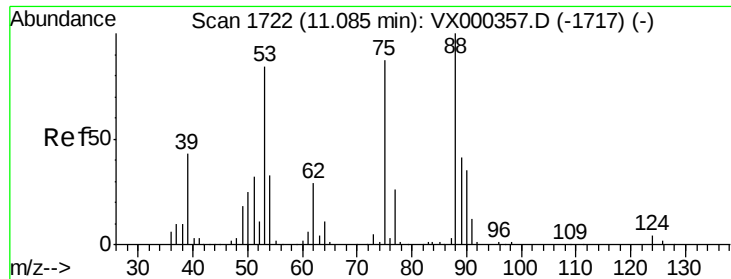
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11.45 11.50 11.55

Time-->





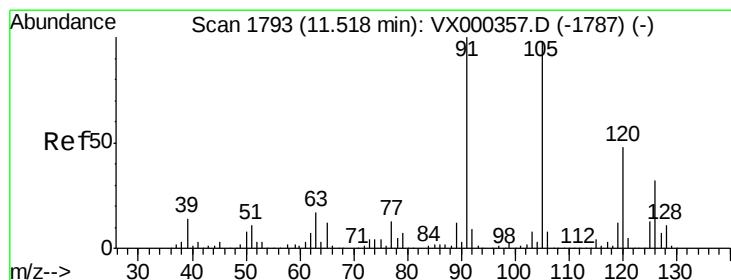
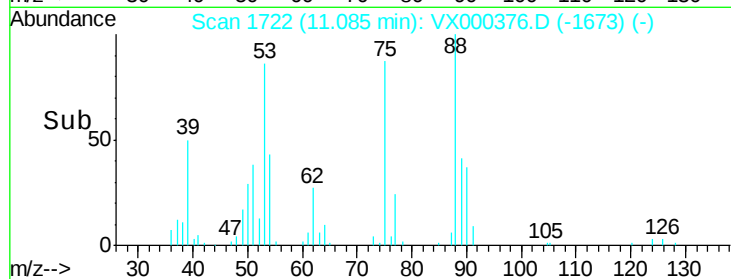
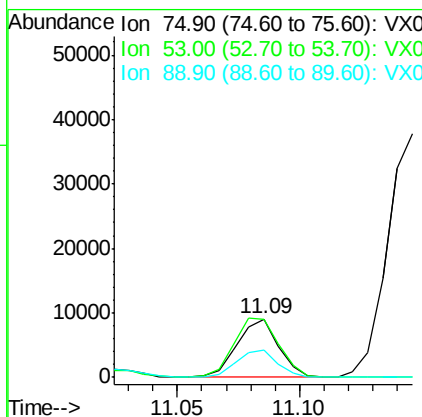
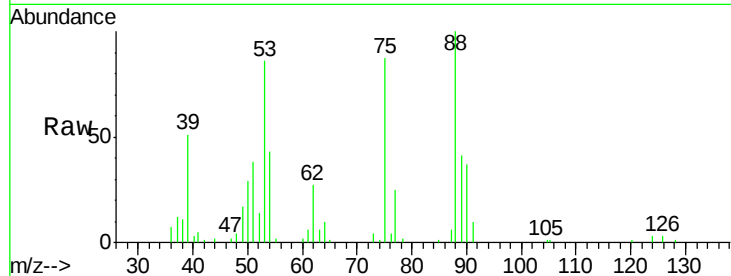
#81
trans-1,4-Dichloro-2-butene
Concen: 16.58 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.8	80.7	121.1
89	46.3	39.4	59.0

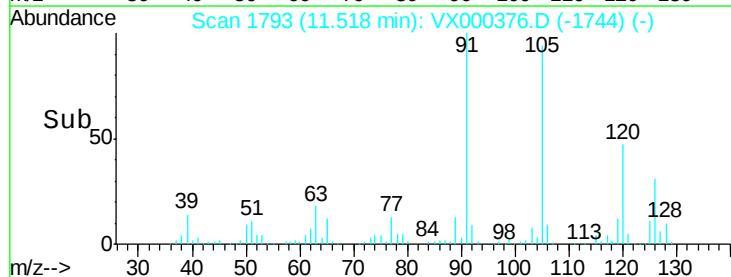
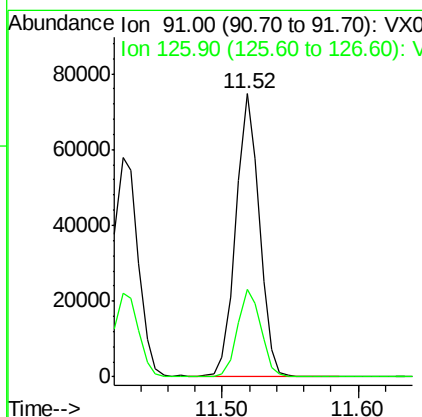
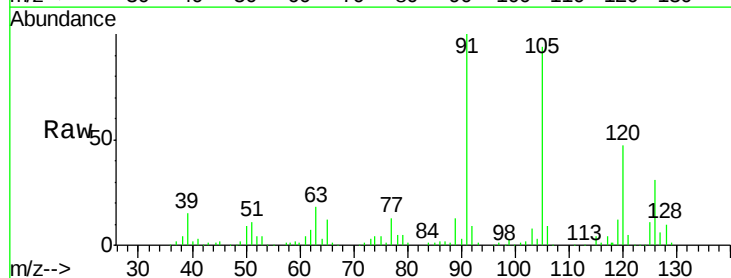
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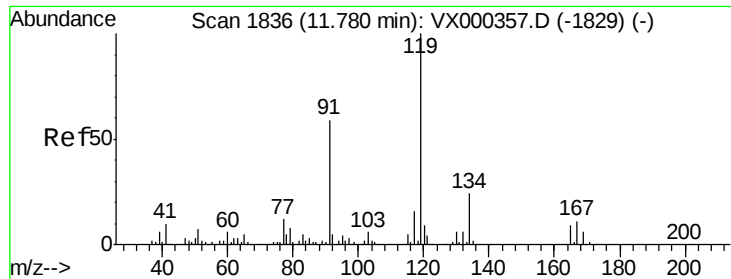
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#82
4-Chlorotoluene
Concen: 16.90 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.1





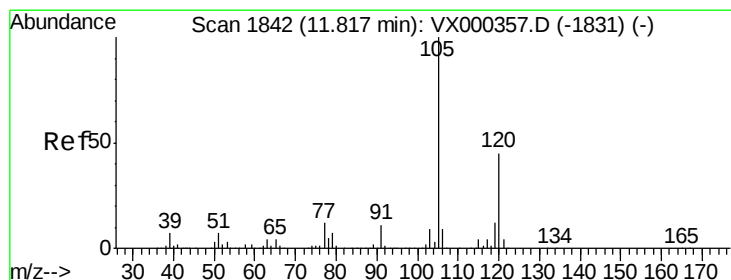
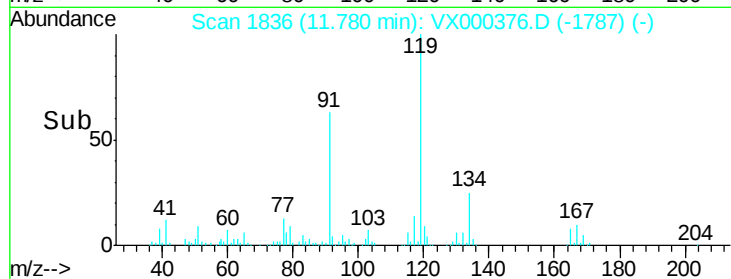
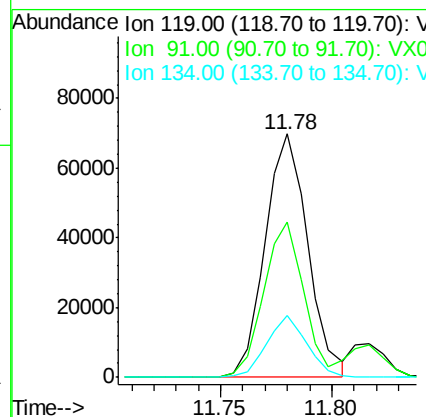
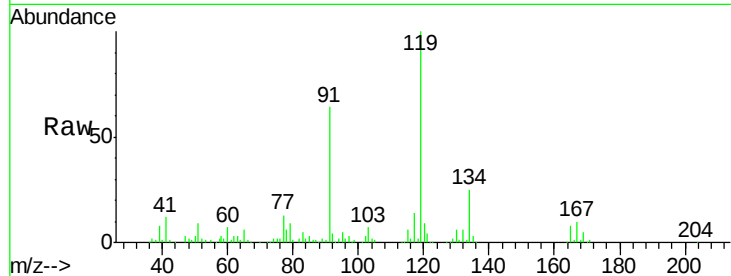
#83
 tert-Butylbenzene
 Concen: 16.93 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	28.8	86.4
134	23.8	11.4	34.1

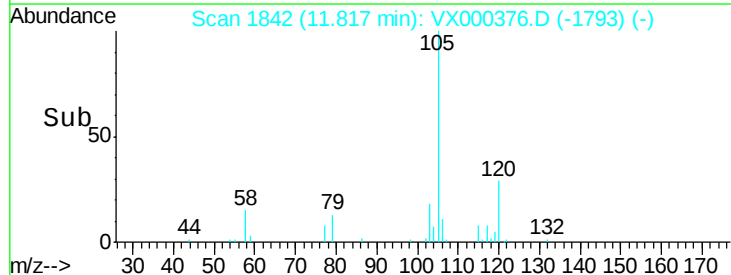
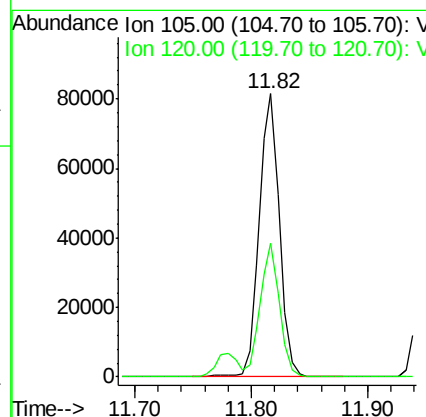
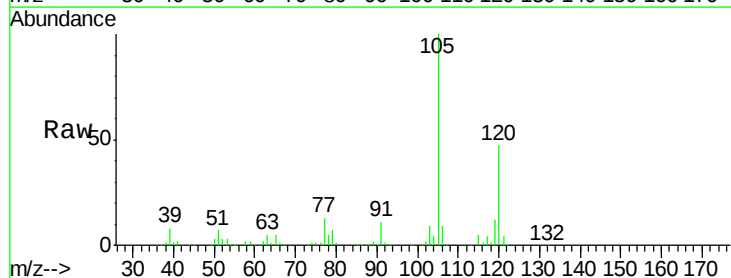
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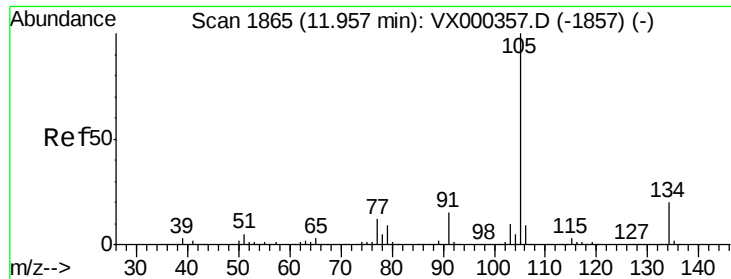
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.27 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.4	67.3





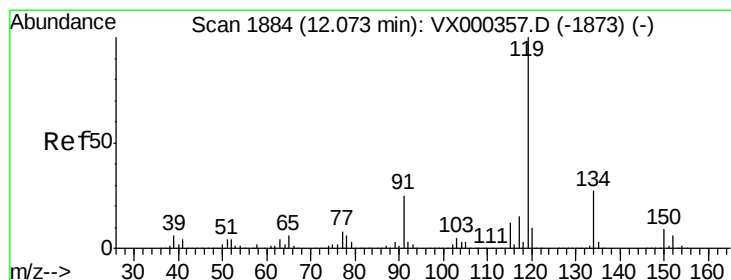
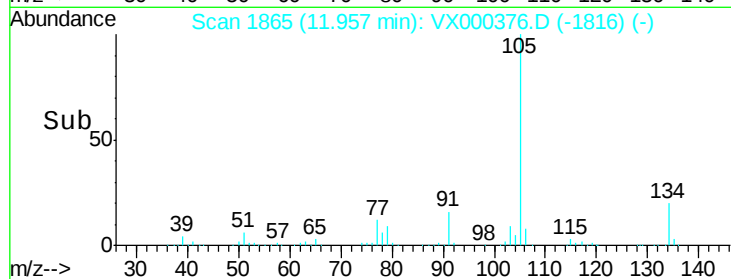
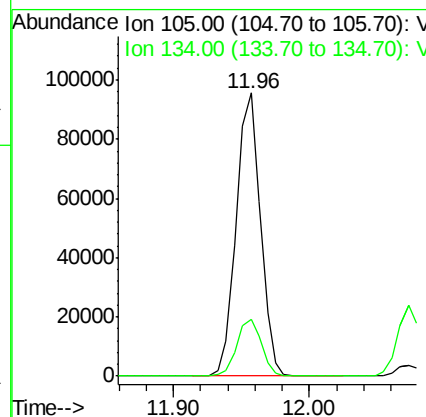
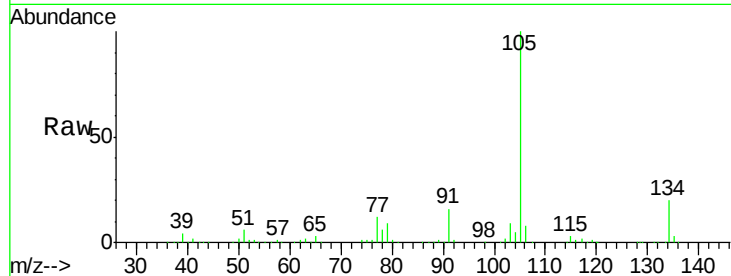
#85
 sec-Butylbenzene
 Concen: 17.45 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0321WBS01

Tot Ion:105 Resp: 118688
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

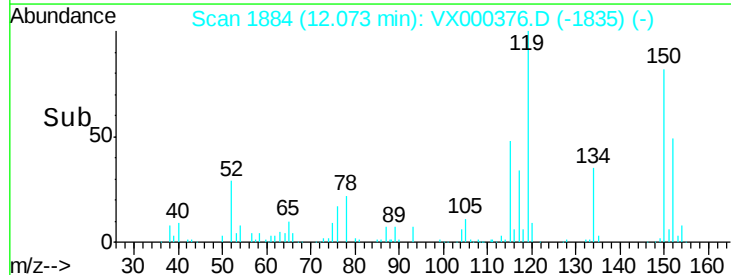
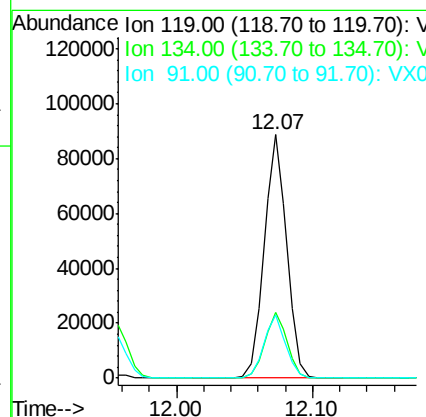
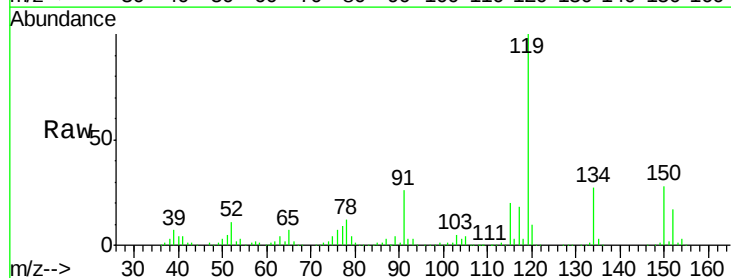
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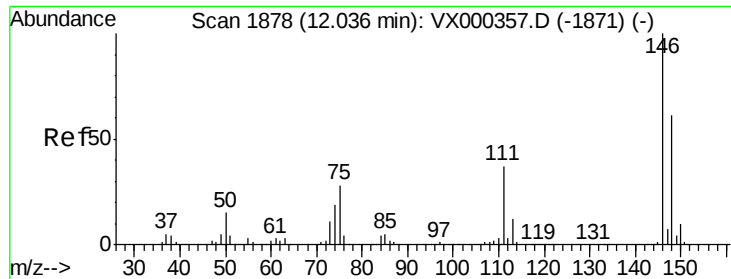
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#86
 p-Isopropyltoluene
 Concen: 17.01 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion:119 Resp: 102732
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.9
 91 25.3 12.0 36.1





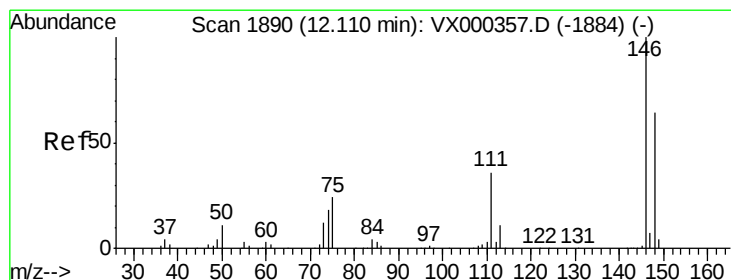
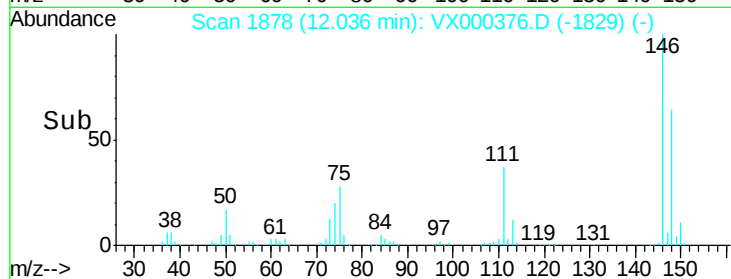
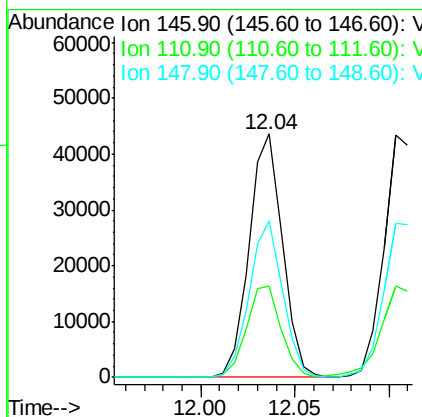
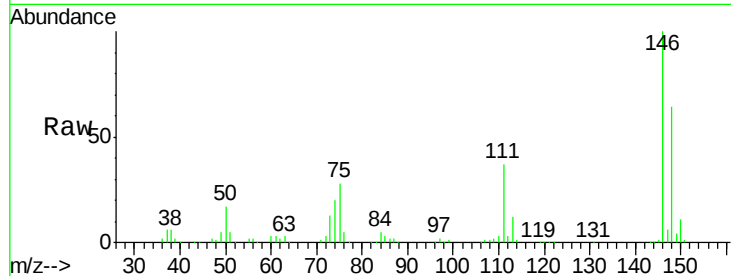
#87
 1,3-Dichlorobenzene
 Concen: 16.38 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	64.5	32.4	97.0

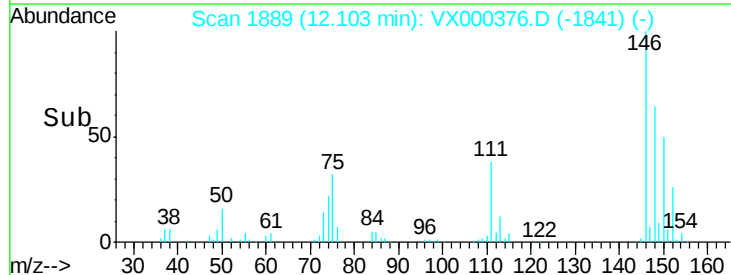
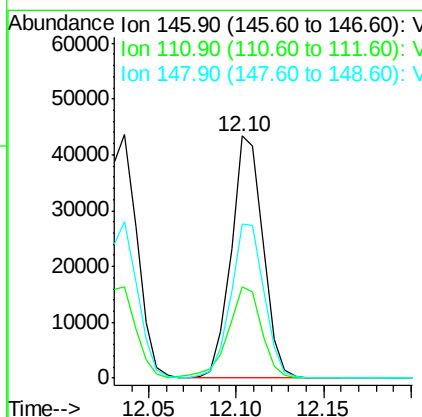
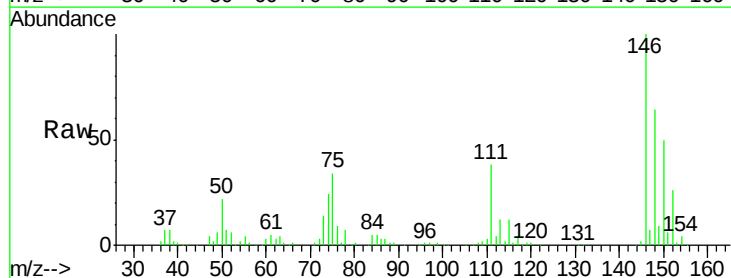
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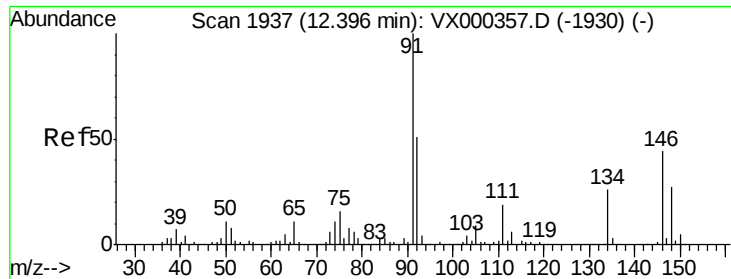
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 16.00 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.9	56.9
148	66.7	31.0	93.0





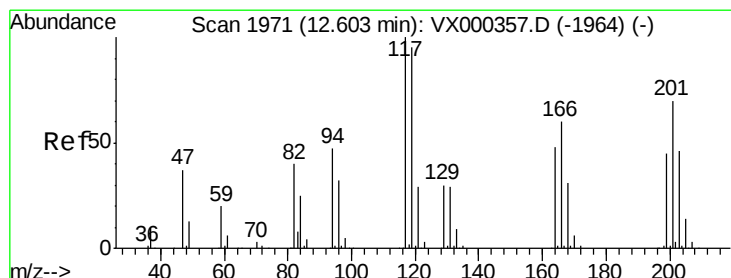
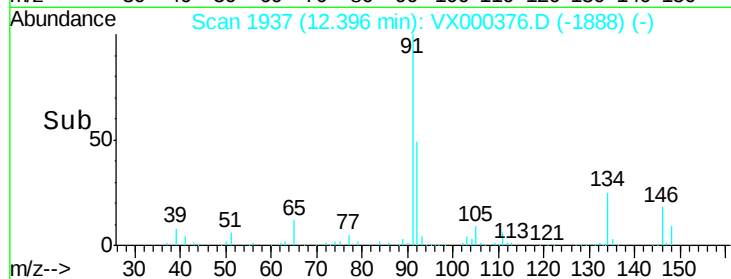
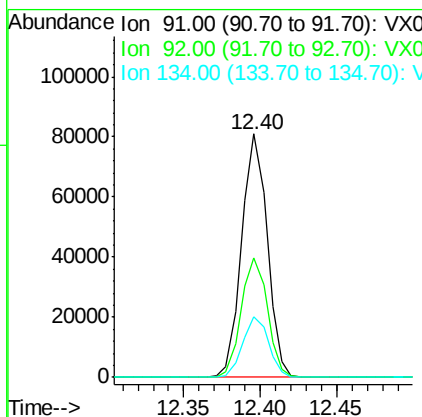
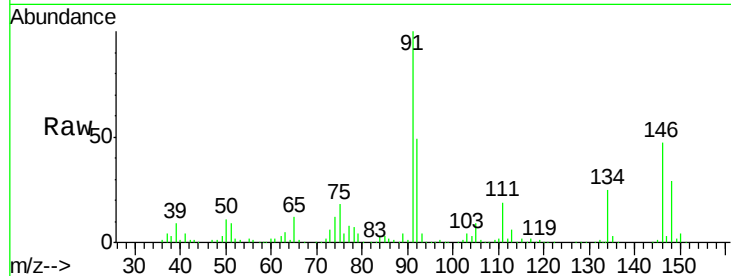
#89
n-Butylbenzene
Concen: 16.72 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.1	25.9	77.8
134	25.2	13.1	39.3

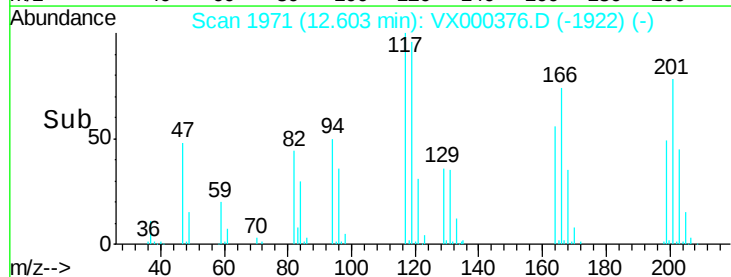
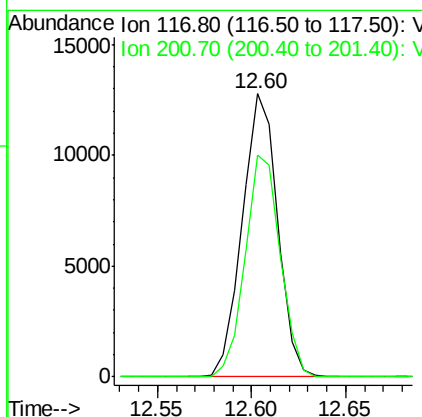
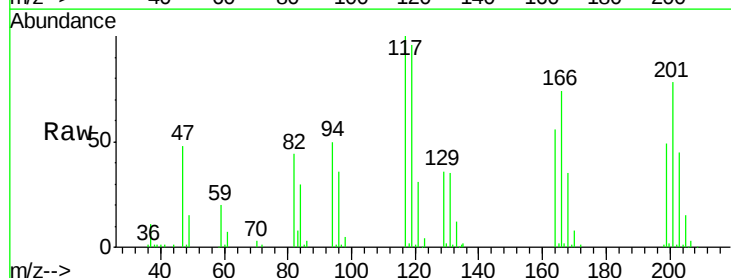
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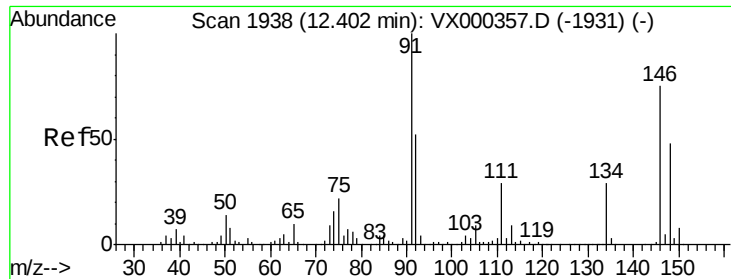
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#90
Hexachloroethane
Concen: 17.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000376.D
Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	37.9	113.6





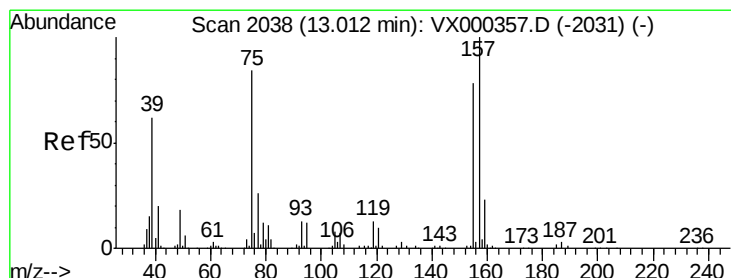
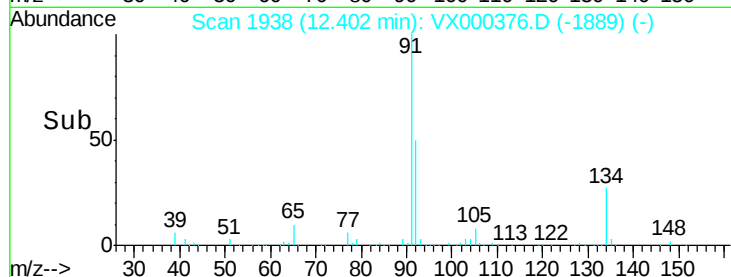
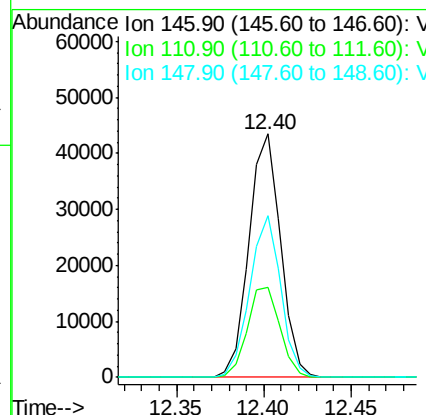
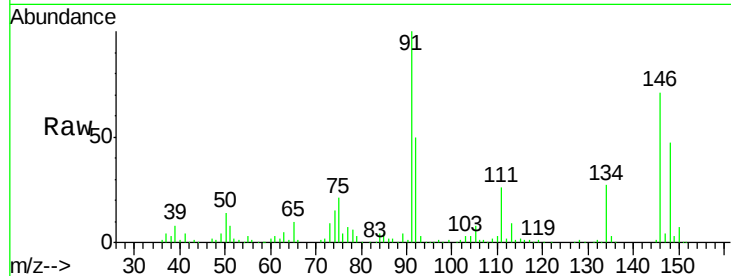
#91
 1,2-Dichlorobenzene
 Concen: 17.05 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.1	60.2
148	64.9	31.2	93.6

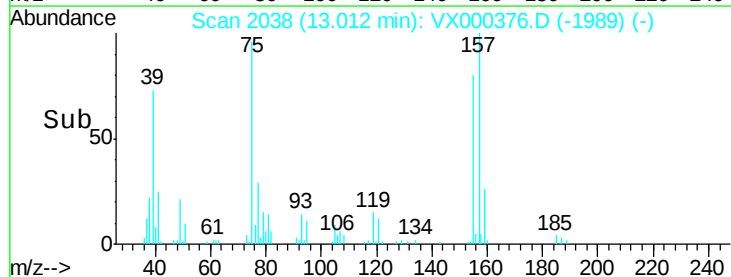
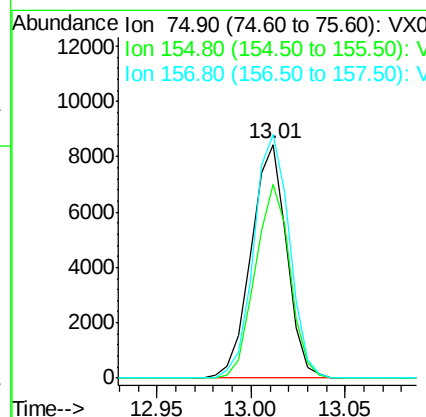
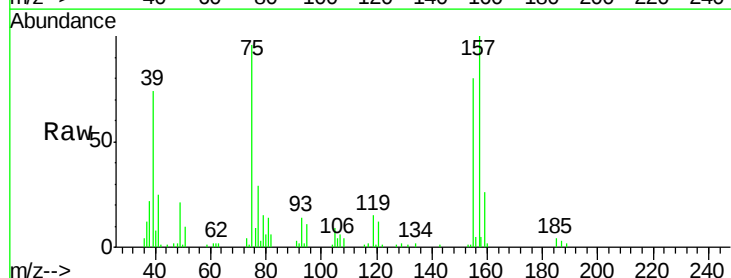
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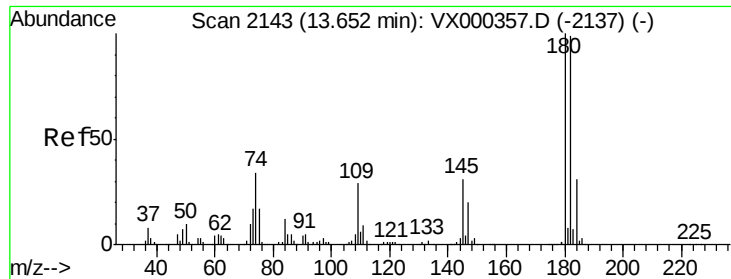
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.20 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.1	45.0	134.8
157	104.7	58.1	174.2





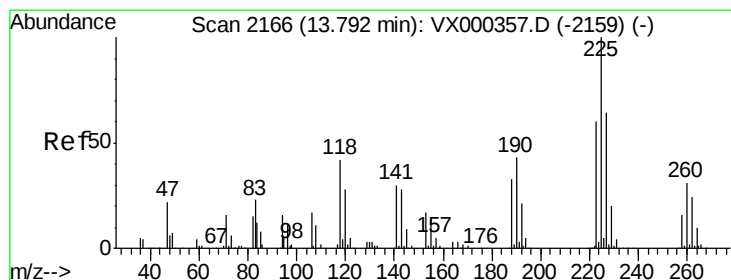
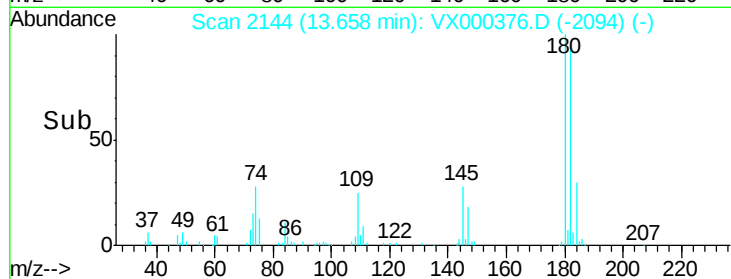
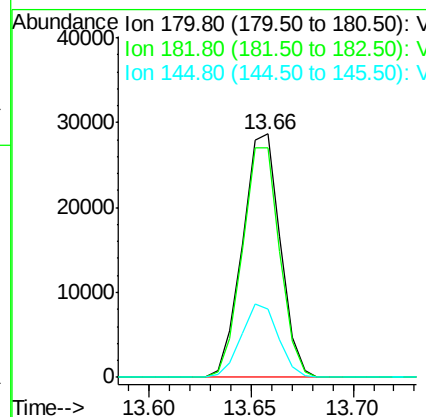
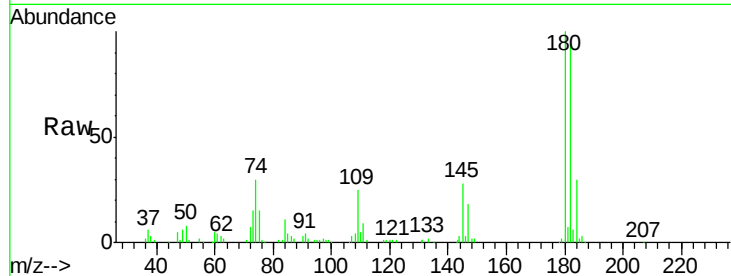
#93
 1,2,4-Trichlorobenzene
 Concen: 16.00 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.6	142.9
145	29.7	15.1	45.3

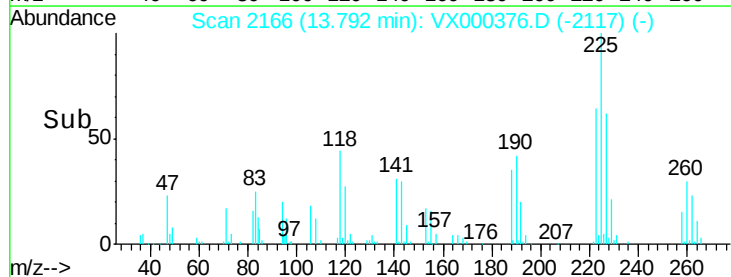
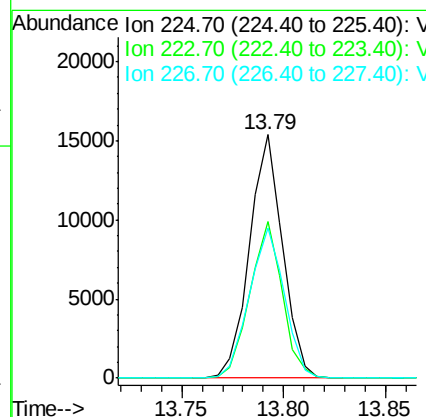
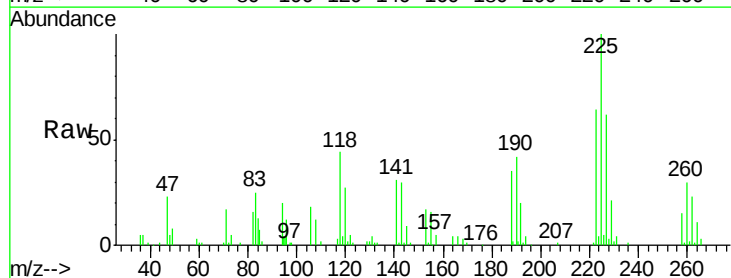
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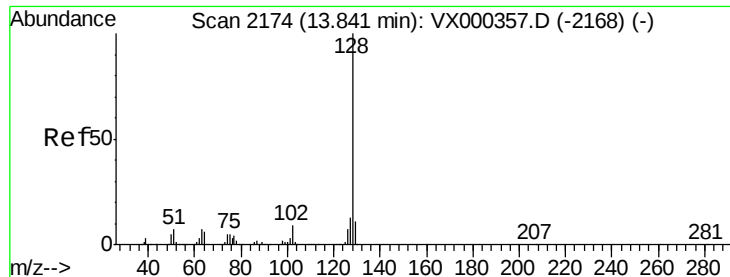
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#94
 Hexachlorobutadiene
 Concen: 18.22 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000376.D
 Acq: 21 Mar 2018 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.0	96.0
227	65.5	32.6	98.0





#95

Naphthalene

Concen: 16.98 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Instrument :

MSVOA_X

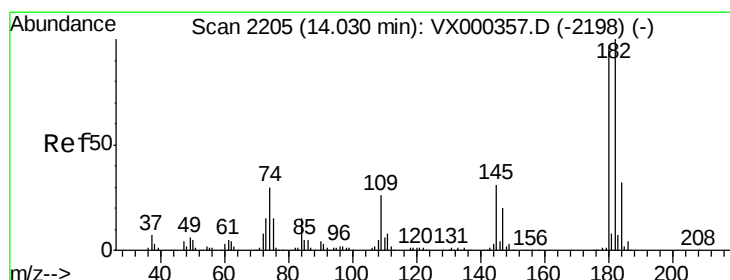
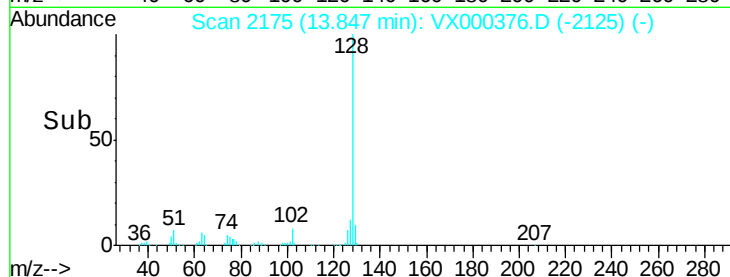
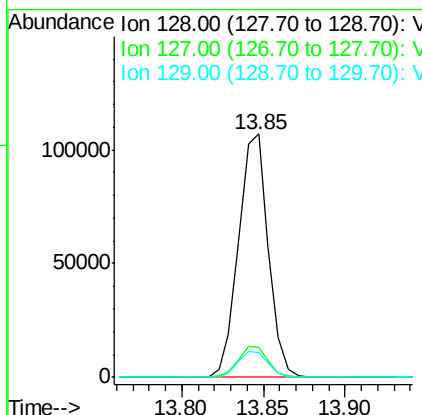
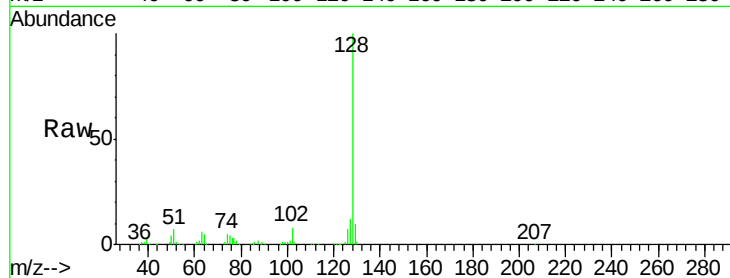
ClientSampleId :

VX0321WBS01

Tot Ion:	128	Resp:	135721
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

apatel
3/22/2018 2:44:21 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.14 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000376.D

Acq: 21 Mar 2018 11:24

Tgt Ion:	180	Resp:	38862
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.4	142.3
145	29.7	15.8	47.3

