

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002296.D
 Acq On : 05 Jun 2018 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 04:27:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	413084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	265984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	195649	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	5.51	113	151890	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
50) Toluene-d8	8.72	98	608315	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	238416	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	162040	52.55	ug/l	99
3) Chloromethane	1.32	50	185412	52.63	ug/l	98
4) Vinyl Chloride	1.41	62	195948	50.42	ug/l	99
5) Bromomethane	1.64	94	121817	55.78	ug/l	99
6) Chloroethane	1.72	64	121573	48.36	ug/l	100
7) Trichlorofluoromethane	1.93	101	318122	53.73	ug/l	99
8) Diethyl Ether	2.19	74	110114	52.45	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	185144	57.95	ug/l	99
10) Methyl Iodide	2.51	142	226240	50.34	ug/l	99
11) Tert butyl alcohol	3.06	59	198228	226.15	ug/l	98
12) 1,1-Dichloroethene	2.38	96	158737	50.27	ug/l	96
13) Acrolein	2.29	56	105953	251.65	ug/l	100
14) Allyl chloride	2.73	41	320288	46.74	ug/l	99
15) Acrylonitrile	3.15	53	448299	248.27	ug/l	100
16) Acetone	2.45	43	535039	296.90	ug/l	99
17) Carbon Disulfide	2.57	76	396538	47.65	ug/l	98
18) Methyl Acetate	2.78	43	215030	50.64	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	568103	51.75	ug/l	99
20) Methylene Chloride	2.86	84	176000	52.62	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	169327	48.63	ug/l	99
22) Diisopropyl ether	3.87	45	617913	54.10	ug/l	98
23) Vinyl Acetate	3.82	43	2678639	241.13	ug/l	100
24) 1,1-Dichloroethane	3.70	63	326590	48.22	ug/l	99
25) 2-Butanone	4.70	43	640677	220.30	ug/l	100
26) 2,2-Dichloropropane	4.59	77	248274	46.90	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	169580	44.78	ug/l	95
28) Bromochloromethane	5.02	49	158012	55.23	ug/l	99
29) Tetrahydrofuran	5.16	42	387396	206.61	ug/l	100
30) Chloroform	5.21	83	302013	46.21	ug/l	98
31) Cyclohexane	5.57	56	280594	52.39	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	270982	48.89	ug/l	100
36) 1,1-Dichloropropene	5.80	75	232228	53.48	ug/l	99
37) Ethyl Acetate	4.85	43	239204	45.80	ug/l	99
38) Carbon Tetrachloride	5.78	117	240953	53.04	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	297735	55.47	ug/l	98
40) Benzene	6.15	78	666269	50.04	ug/l	99
41) Methacrylonitrile	5.06	41	135788	45.42	ug/l	99
42) 1,2-Dichloroethane	6.20	62	256406	48.47	ug/l	100
43) Isopropyl Acetate	6.46	43	409660	46.18	ug/l	100
44) Trichloroethene	7.21	130	196978	53.30	ug/l	95
45) 1,2-Dichloropropane	7.52	63	177705	49.44	ug/l	96
46) Dibromomethane	7.67	93	116888	47.97	ug/l	99
47) Bromodichloromethane	7.90	83	220744	50.09	ug/l	96
48) Methyl methacrylate	7.78	41	210356	47.21	ug/l	99
49) 1,4-Dioxane	7.76	88	77800	933.83	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1297730	234.92	ug/l	100
52) Toluene	8.79	92	445603	52.62	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	271482	51.37	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	255548	51.25	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	171908	49.35	ug/l	98
56) Ethyl methacrylate	9.18	69	268817	48.34	ug/l	99
57) 1,3-Dichloropropane	9.37	76	287664	49.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	696848	270.74	ug/l	100
59) 2-Hexanone	9.50	43	1039388	243.60	ug/l	99
60) Dibromochloromethane	9.59	129	182778	52.17	ug/l	100
61) 1,2-Dibromoethane	9.68	107	182877	50.35	ug/l	99
64) Tetrachloroethene	9.34	164	223484	54.22	ug/l	97
65) Chlorobenzene	10.14	112	508120	51.09	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	184118	51.13	ug/l	99
67) Ethyl Benzene	10.26	91	890551	53.51	ug/l	100
68) m/p-Xylenes	10.36	106	699829	108.17	ug/l	98
69) o-Xylene	10.70	106	336525	52.27	ug/l	99
70) Styrene	10.71	104	569302	54.09	ug/l	100
71) Bromoform	10.86	173	141458	44.29	ug/l	100
73) Isopropylbenzene	11.02	105	941498	50.88	ug/l	100
74) N-amyl acetate	6.46	43	409660	41.09	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	248572	42.71	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	303061	51.93	ug/l	80
77) Bromobenzene	11.26	156	246650	47.48	ug/l	98
78) n-propylbenzene	11.37	91	1091314	53.06	ug/l	100
79) 2-Chlorotoluene	11.43	91	626162	48.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	805011	50.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	75456	45.32	ug/l	98
82) 4-Chlorotoluene	11.51	91	754662	50.35	ug/l	100
83) tert-Butylbenzene	11.77	119	774573	50.12	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	829450	50.77	ug/l	98
85) sec-Butylbenzene	11.95	105	985225	54.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	900637	54.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	464210	49.98	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	472994	49.41	ug/l	100
89) n-Butylbenzene	12.39	91	808589	58.42	ug/l	100
90) Hexachloroethane	12.60	117	131824	50.04	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	463007	48.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56858	44.68	ug/l	98

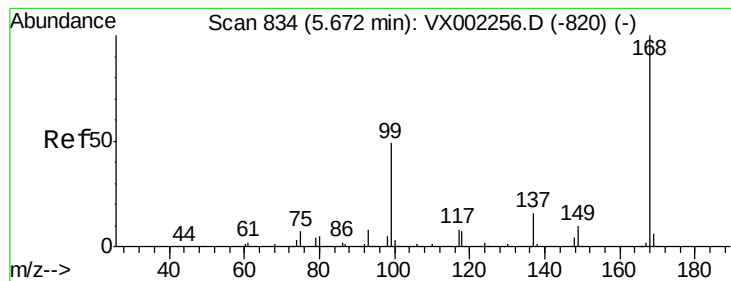
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	354070	52.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	193978	58.26	ug/l	100
95) Naphthalene	13.84	128	939853	48.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	353730	51.47	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

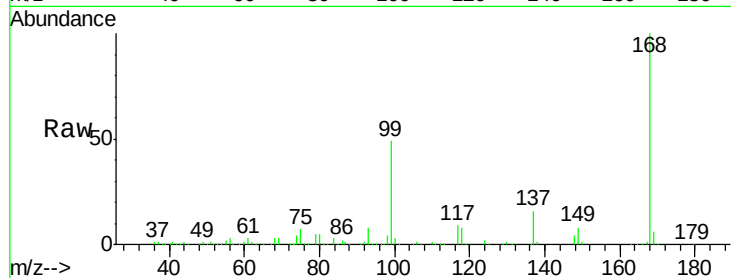
ClientSampled :

Tot Ion:168 Resp: 296607

Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

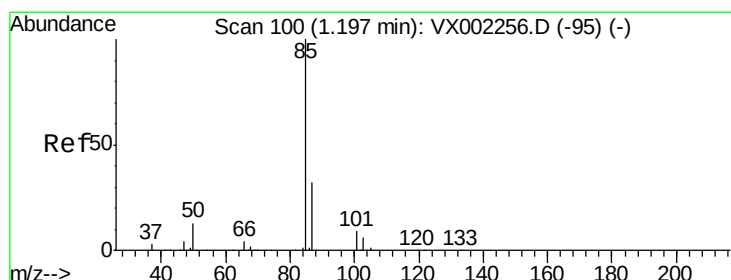
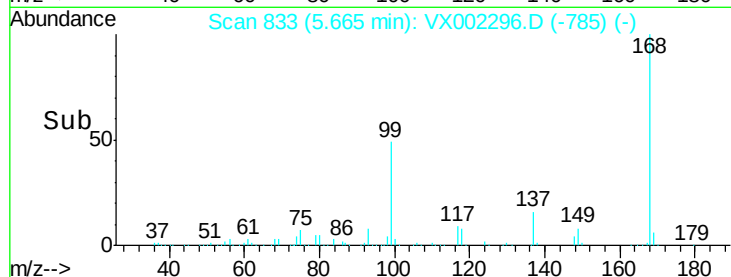
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.55 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002296.D

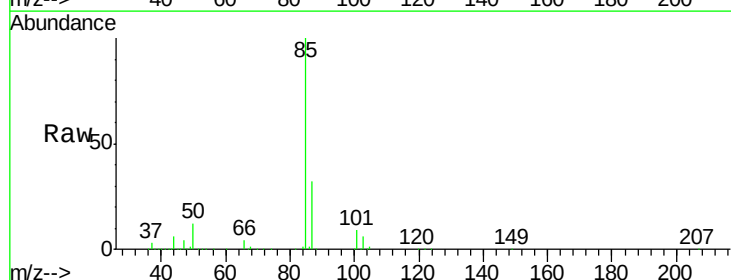
Acq: 05 Jun 2018 10:23

Tgt Ion: 85 Resp: 162040

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

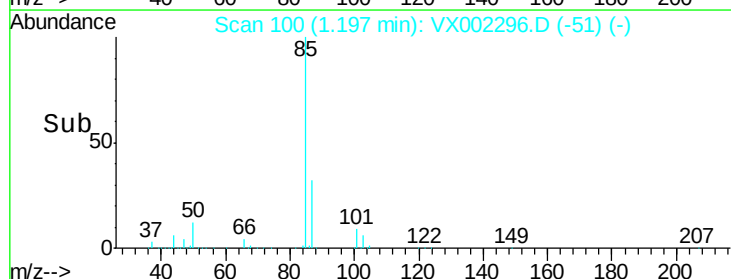
150000

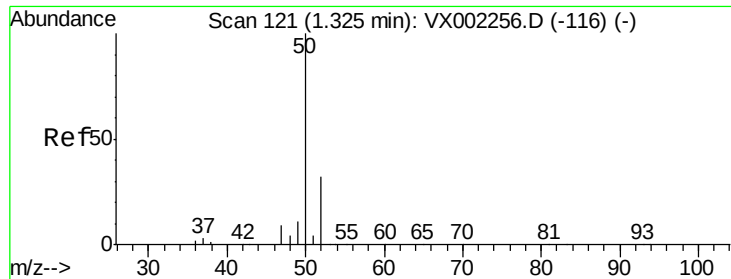
100000

50000

0

Time--> 1.10 1.15 1.20 1.25 1.30

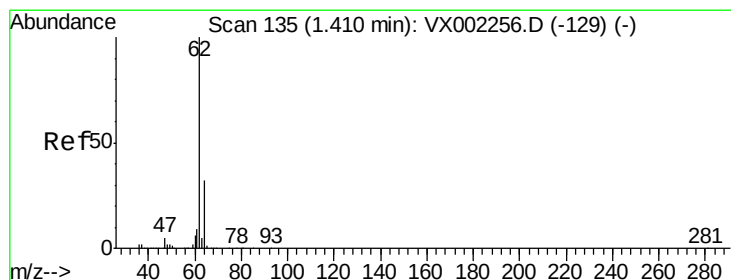
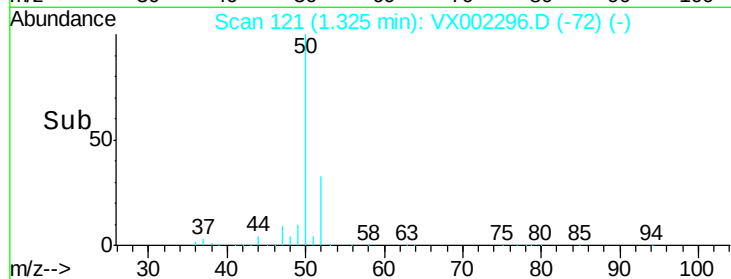
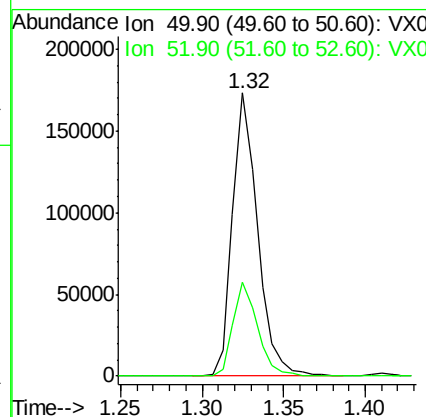
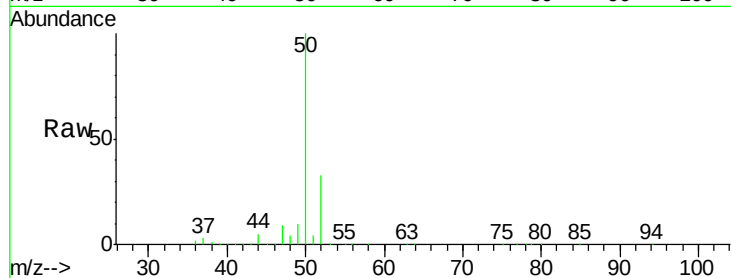




#3
 Chloromethane
 Concen: 52.63 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

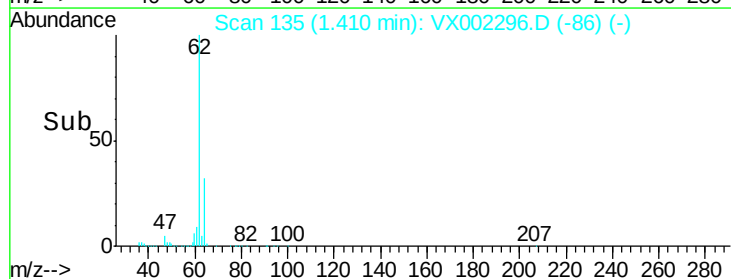
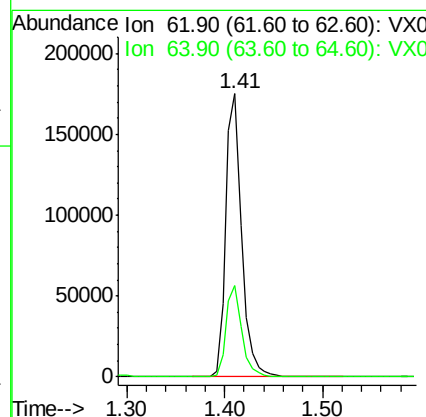
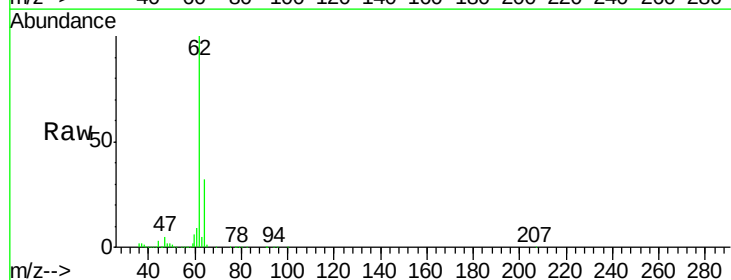
Instrument :
 MSVOA_X
 ClientSampleId :

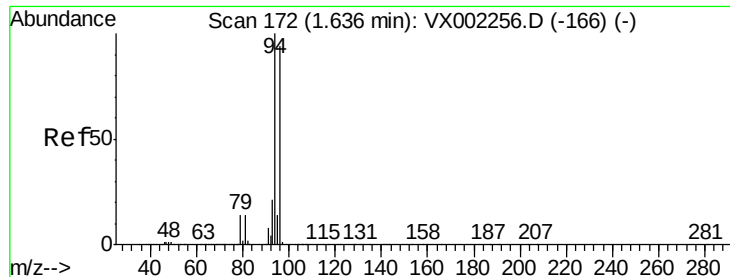
Tot Ion: 50 Resp: 185412
 Ion Ratio Lower Upper
 50 100
 52 33.2 25.7 38.5



#4
 Vinyl Chloride
 Concen: 50.42 ug/l
 RT: 1.41 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 62 Resp: 195948
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.4 38.2





#5

Bromomethane

Concen: 55.78 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

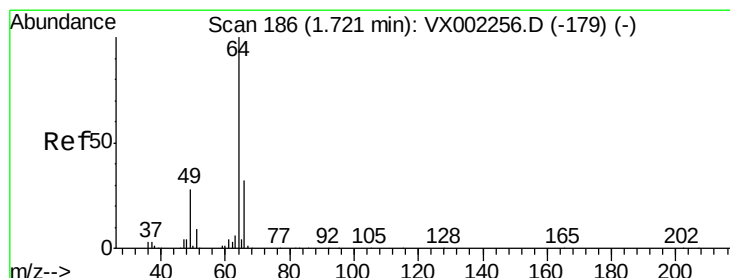
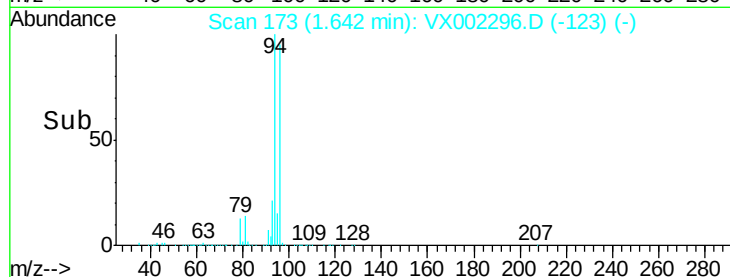
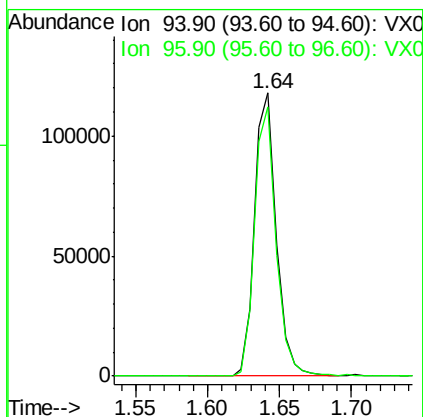
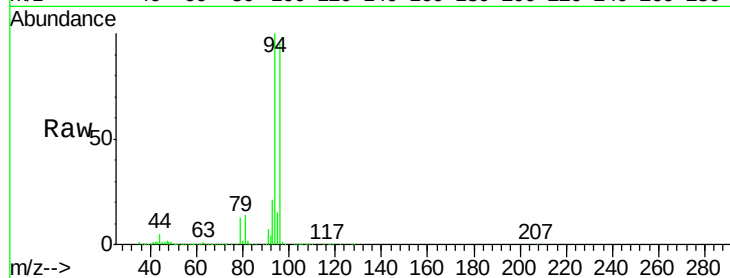
ClientSampleId :

Tot Ion: 94 Resp: 121817

Ion Ratio Lower Upper

94 100

96 95.0 74.9 112.3



#6

Chloroethane

Concen: 48.36 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002296.D

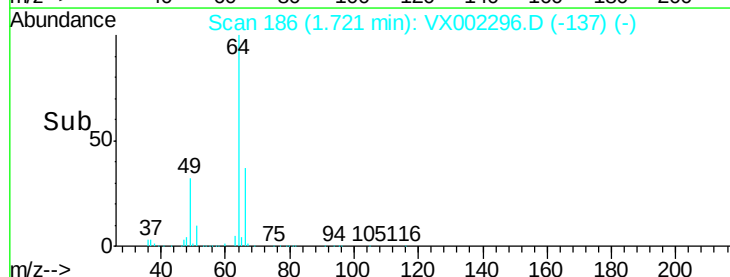
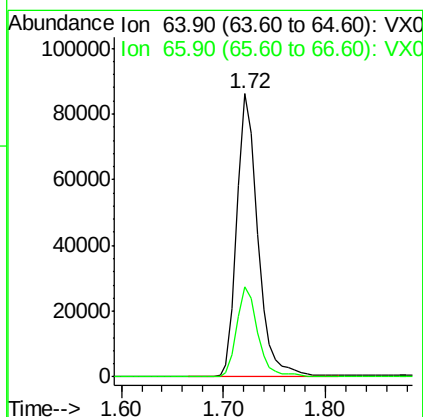
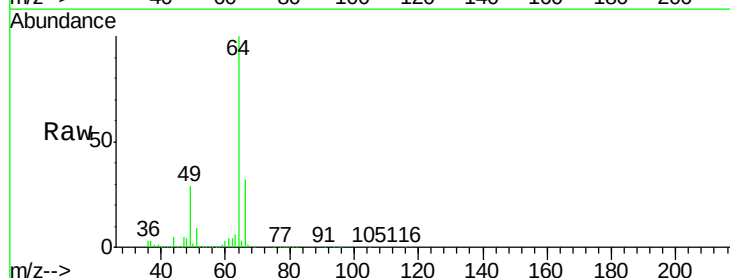
Acq: 05 Jun 2018 10:23

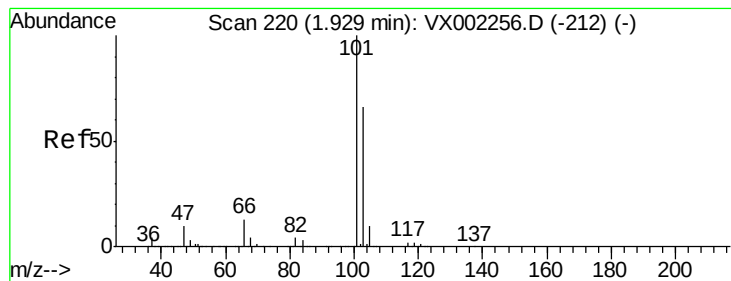
Tgt Ion: 64 Resp: 121573

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



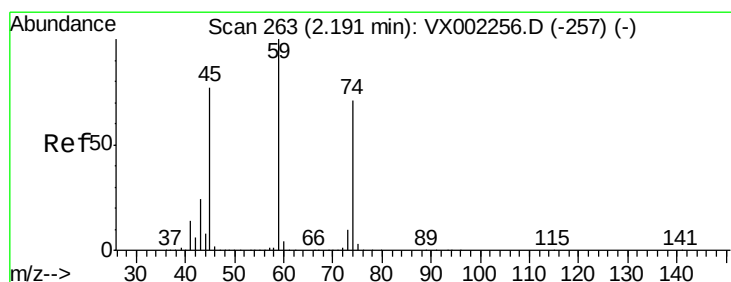
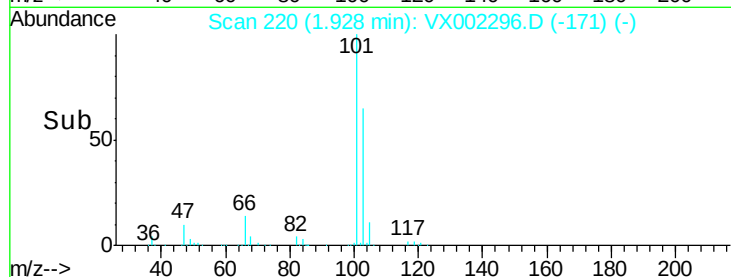
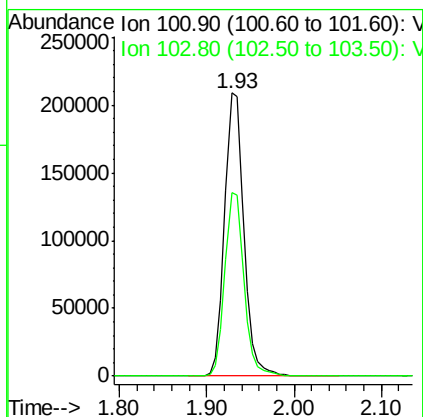
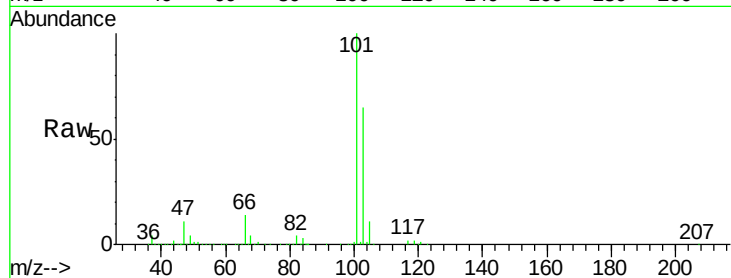


#7

Trichlorofluoromethane
 Concen: 53.73 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :

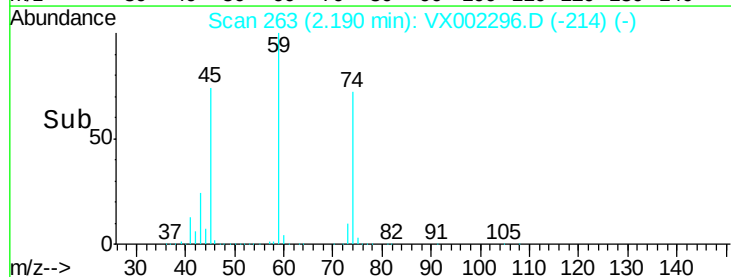
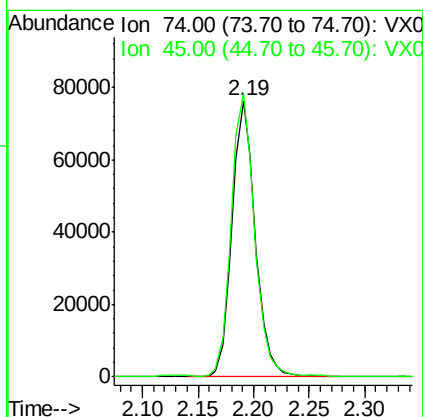
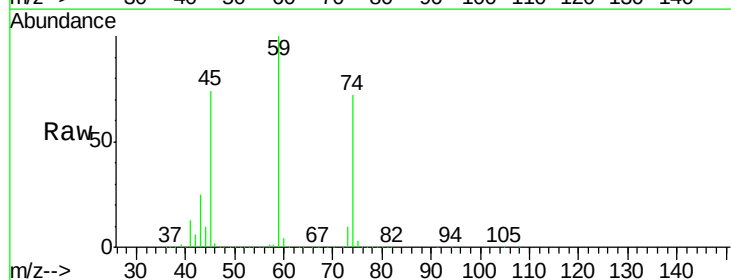
Tot Ion:101 Resp: 318122
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.8 79.2

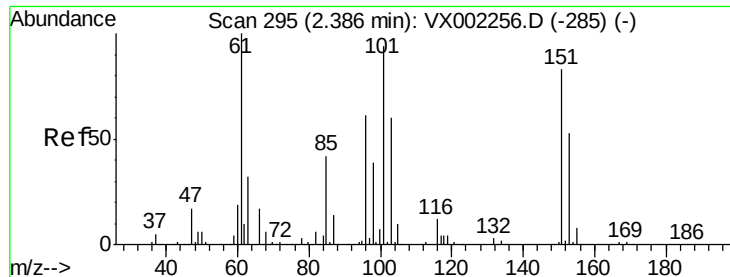


#8

Diethyl Ether
 Concen: 52.45 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 74 Resp: 110114
 Ion Ratio Lower Upper
 74 100
 45 103.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

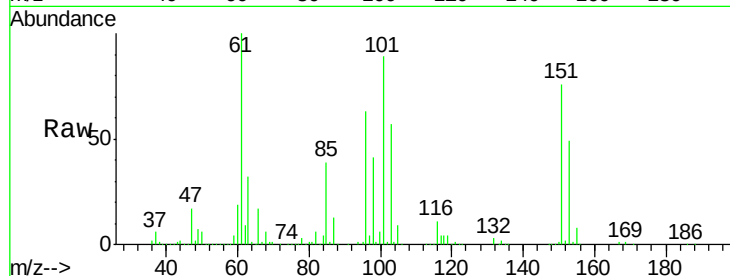
Tot Ion:101 Resp: 185144

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

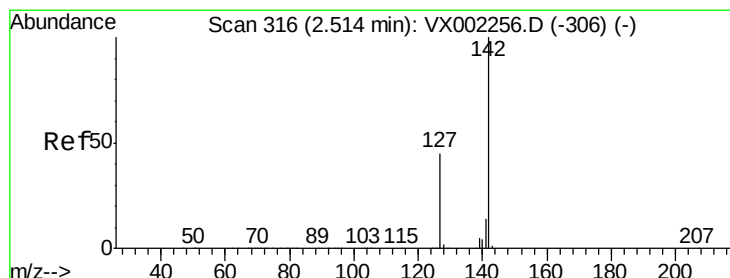
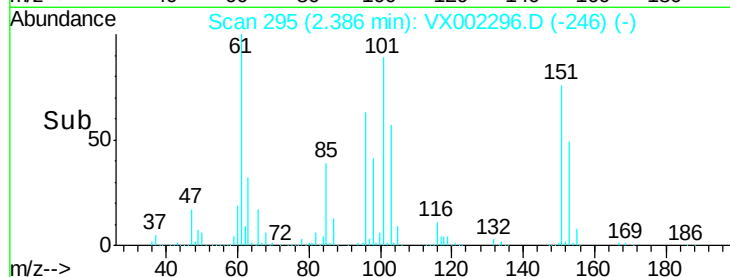
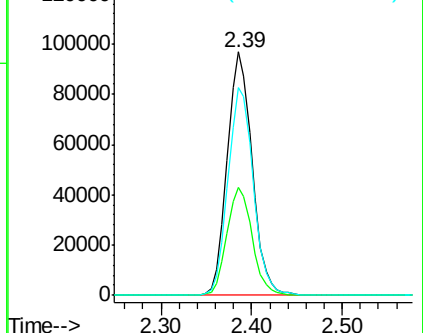
151 86.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.34 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

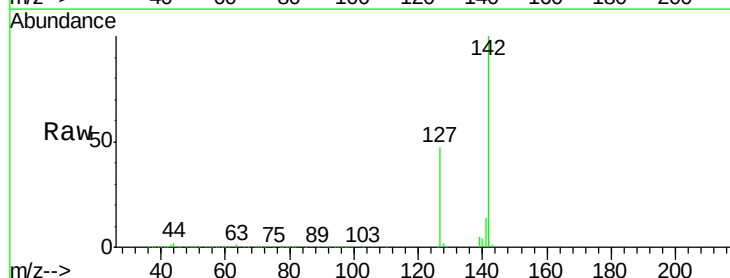
Tgt Ion:142 Resp: 226240

Ion Ratio Lower Upper

142 100

127 46.2 36.6 55.0

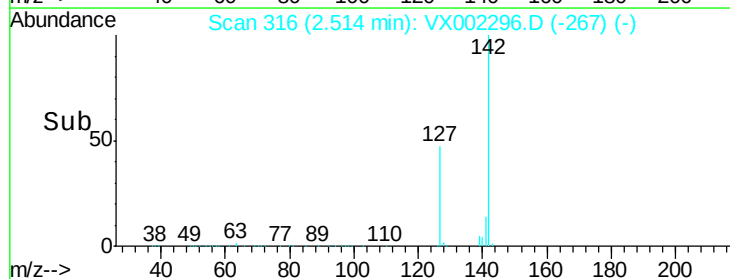
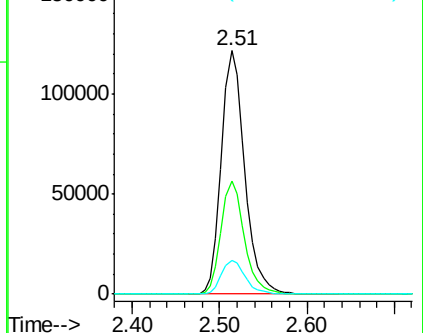
141 14.2 11.3 16.9

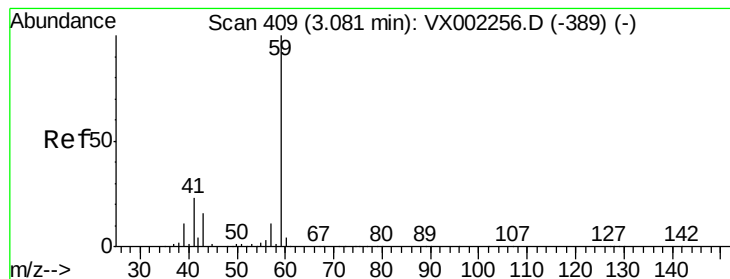


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



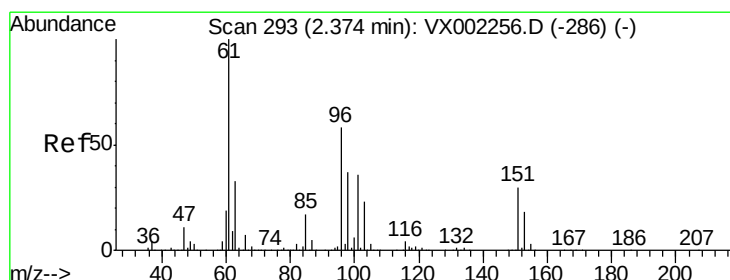
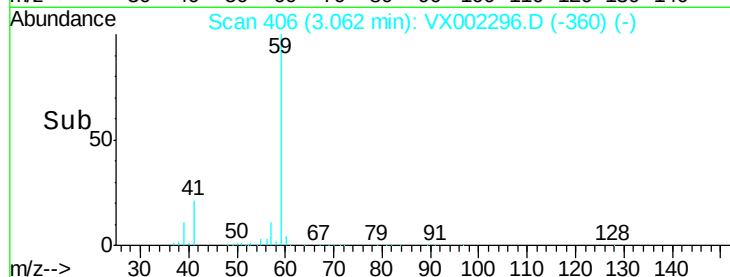
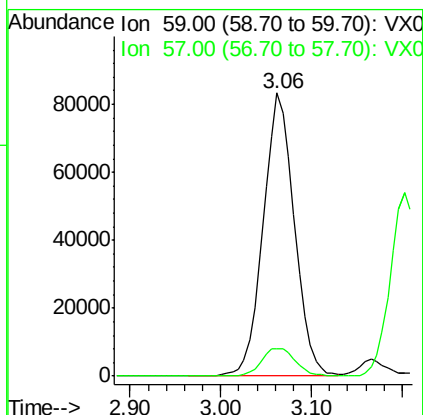
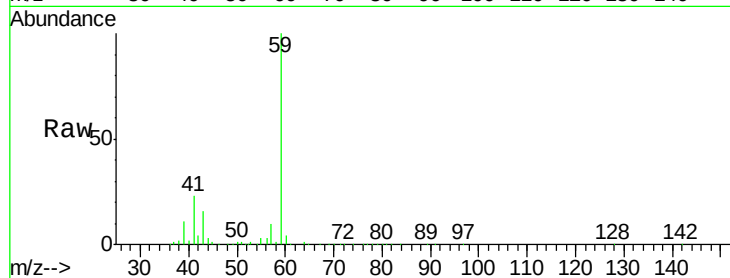


#11

Tert butyl alcohol
 Concen: 226.15 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Instrument :
 MSVOA_X
 ClientSampled :

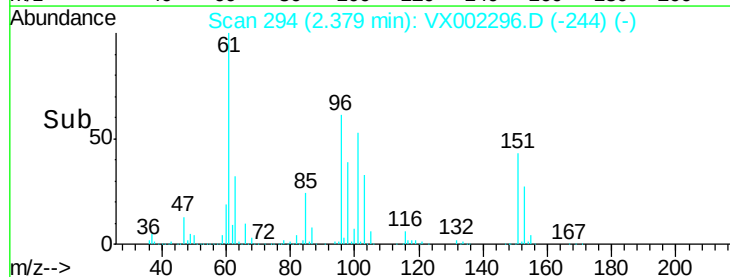
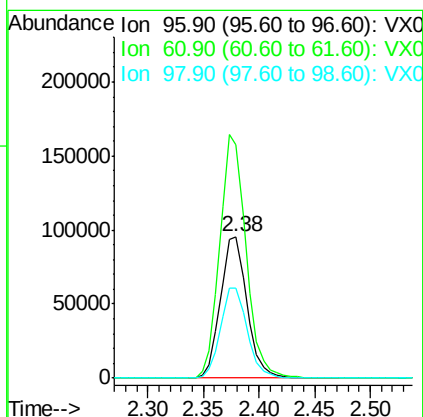
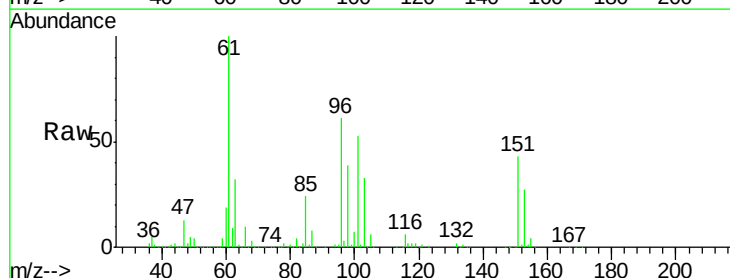
Tot Ion: 59 Resp: 198228
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

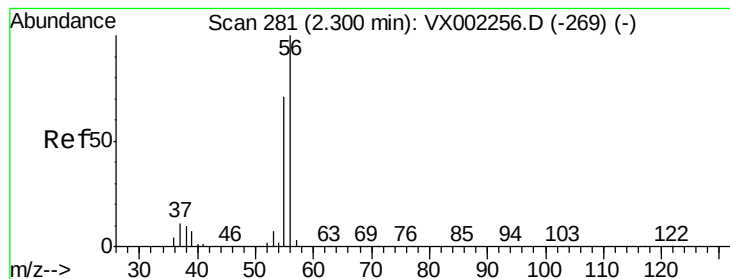


#12

1,1-Dichloroethene
 Concen: 50.27 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 96 Resp: 158737
 Ion Ratio Lower Upper
 96 100
 61 165.0 137.9 206.9
 98 64.0 51.6 77.4





#13

Acrolein

Concen: 251.65 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

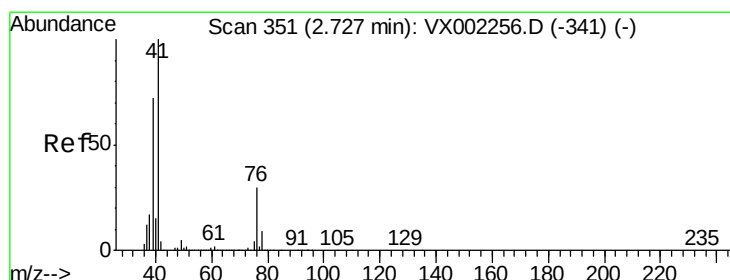
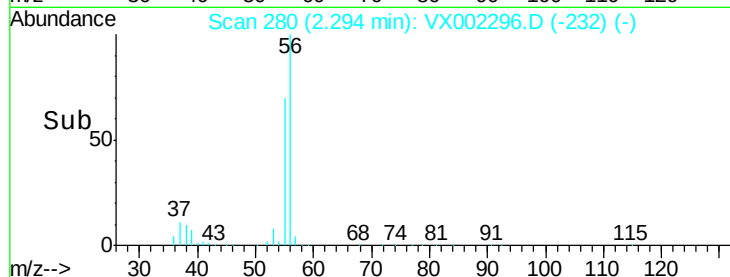
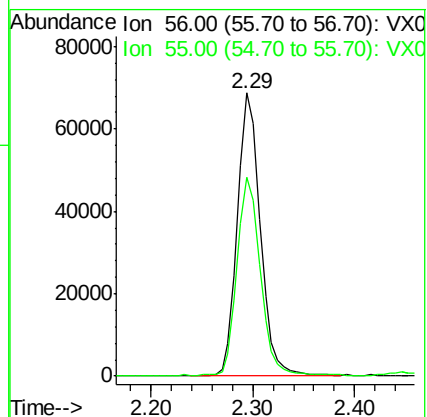
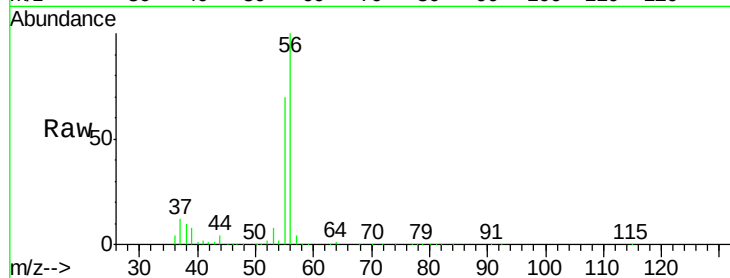
ClientSampleId :

Tot Ion: 56 Resp: 105953

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 46.74 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

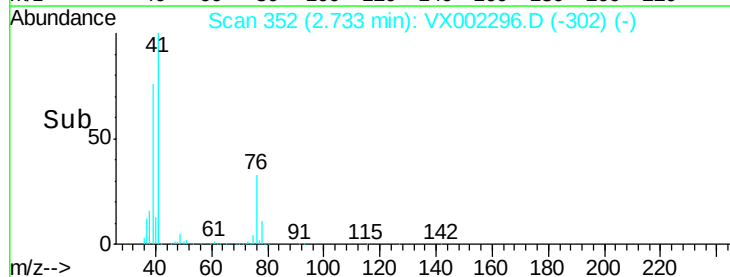
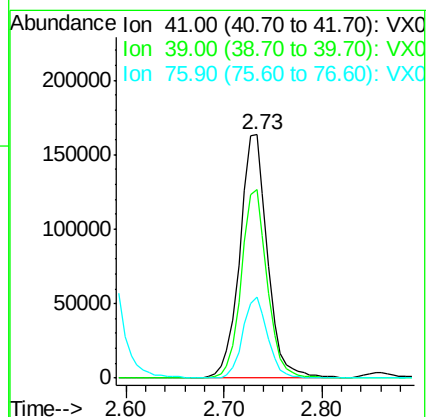
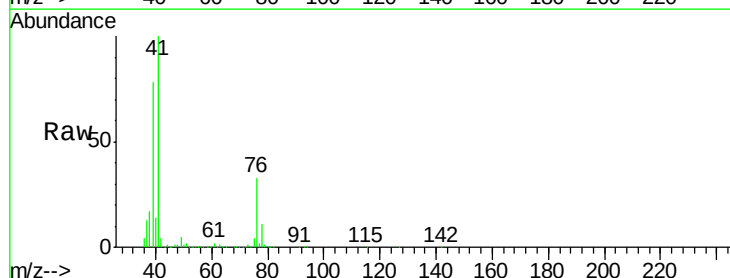
Tgt Ion: 41 Resp: 320288

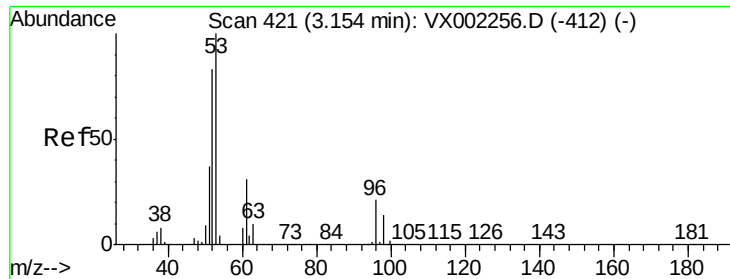
Ion Ratio Lower Upper

41 100

39 72.5 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 248.27 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

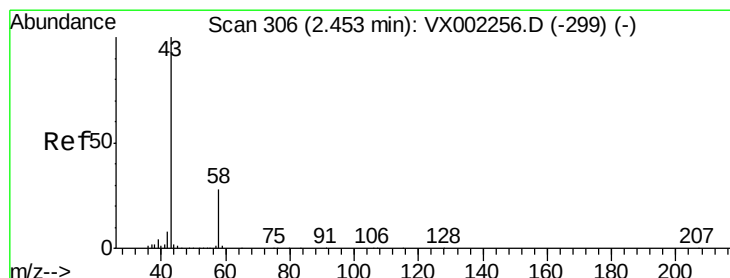
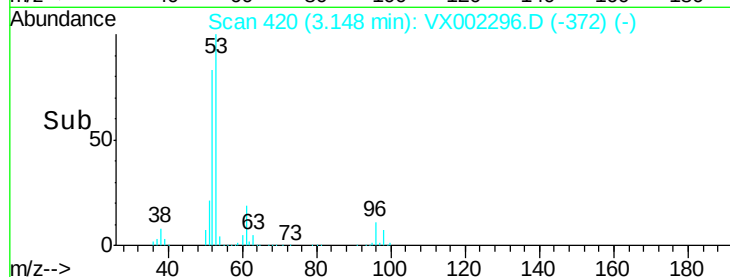
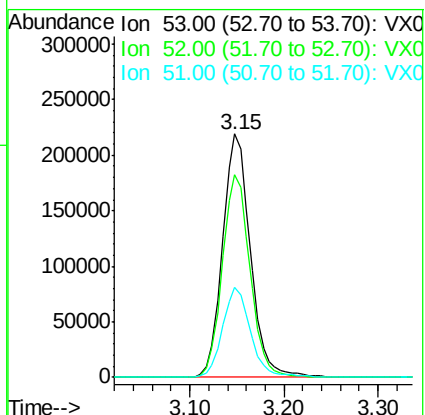
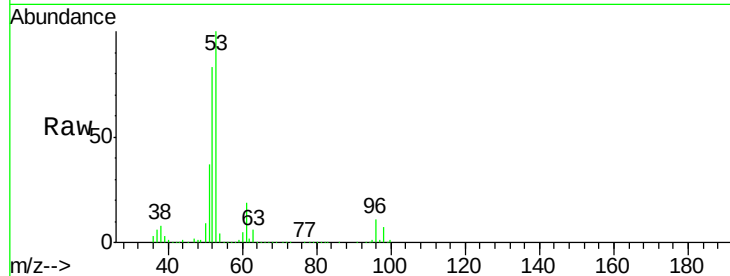
Tot Ion: 53 Resp: 448299

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

51 37.2 29.9 44.9



#16

Acetone

Concen: 296.90 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002296.D

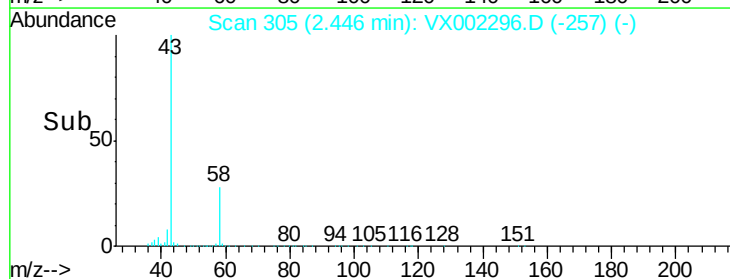
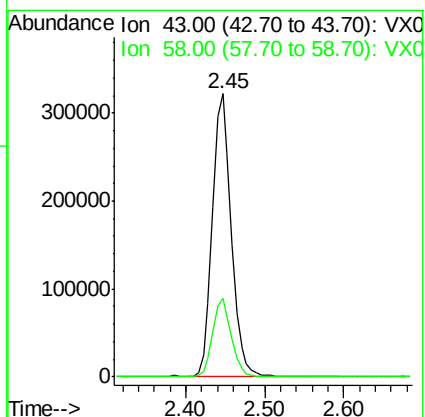
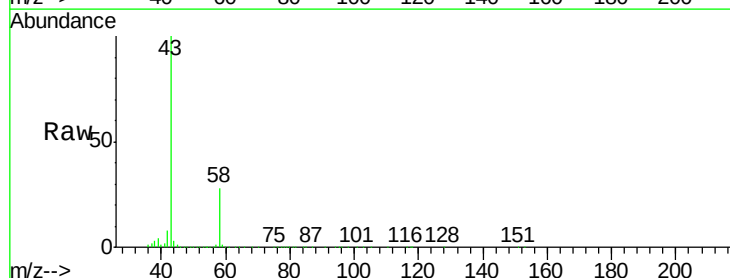
Acq: 05 Jun 2018 10:23

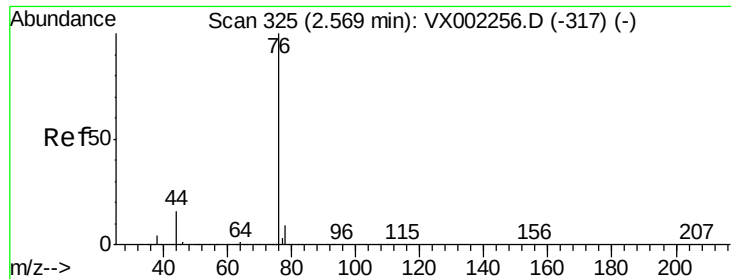
Tgt Ion: 43 Resp: 535039

Ion Ratio Lower Upper

43 100

58 27.9 22.1 33.1

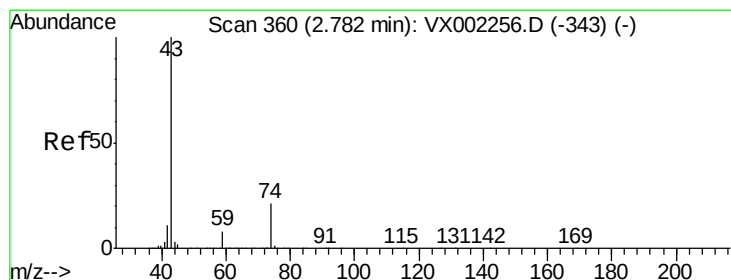
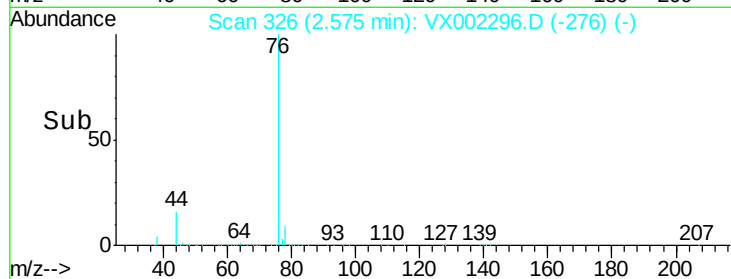
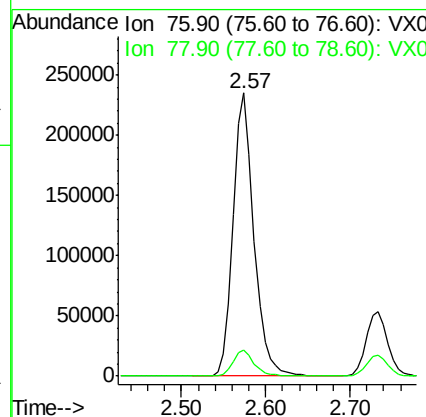
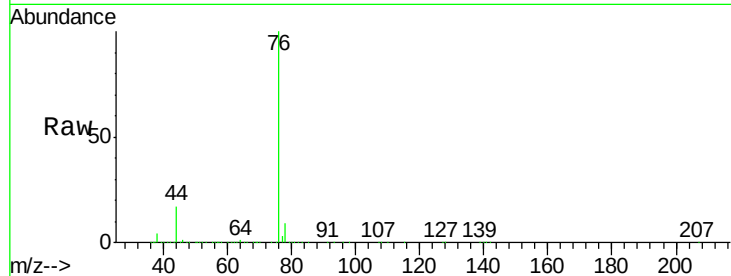




#17
Carbon Disulfide
Concen: 47.65 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

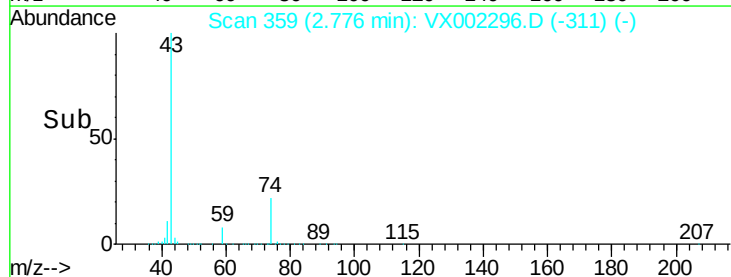
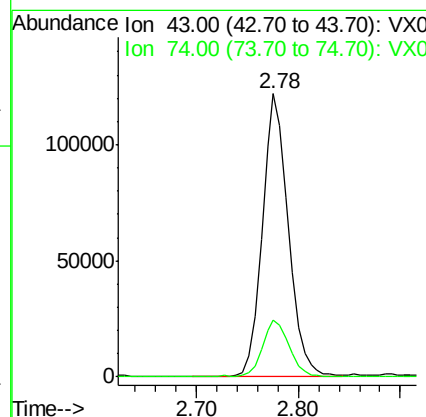
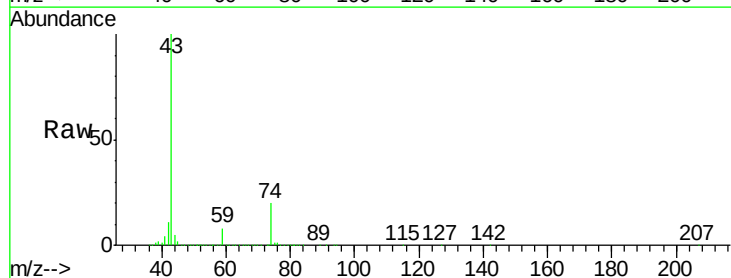
Instrument :
MSVOA_X
ClientSampled :

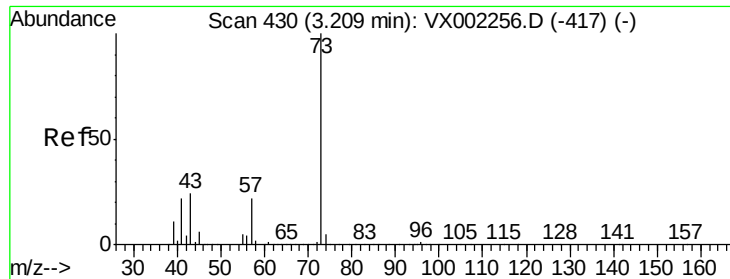
Tot Ion: 76 Resp: 396538
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 50.64 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 43 Resp: 215030
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1

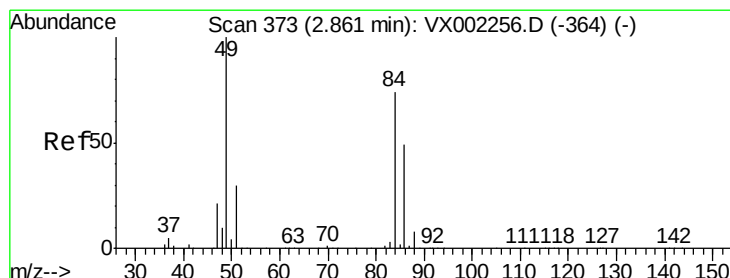
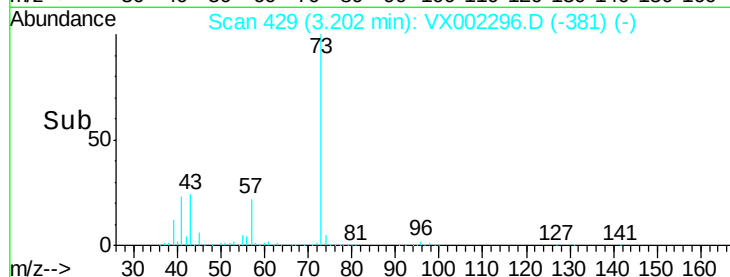
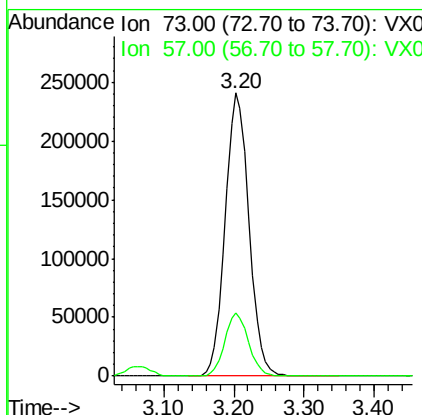
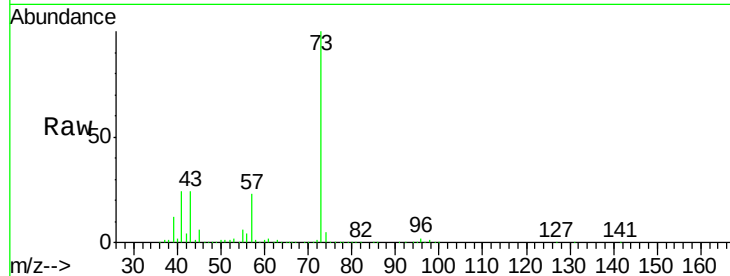




#19
Methyl tert-butyl Ether
Concen: 51.75 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

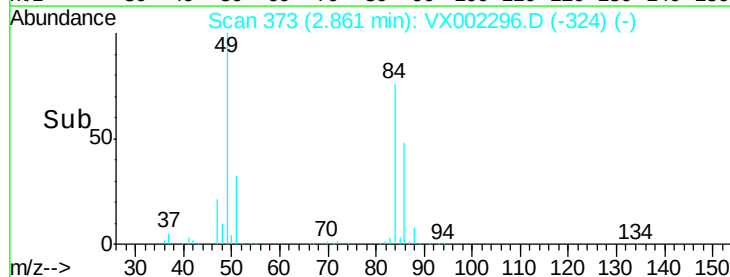
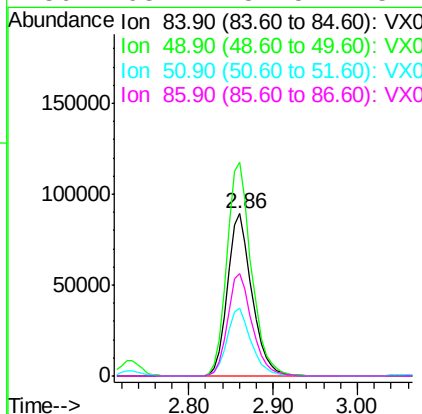
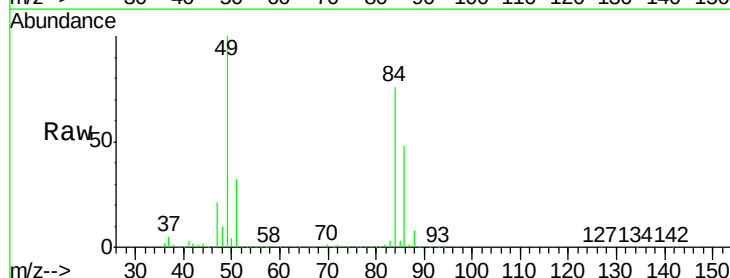
Instrument :
MSVOA_X
ClientSampleId :

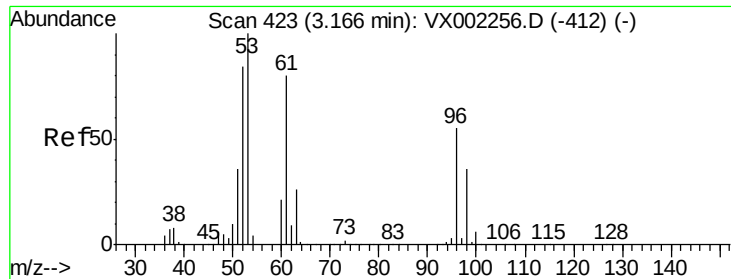
Tot Ion: 73 Resp: 568103
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 52.62 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 84 Resp: 176000
Ion Ratio Lower Upper
84 100
49 131.6 107.8 161.6
51 41.7 32.8 49.2
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.63 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

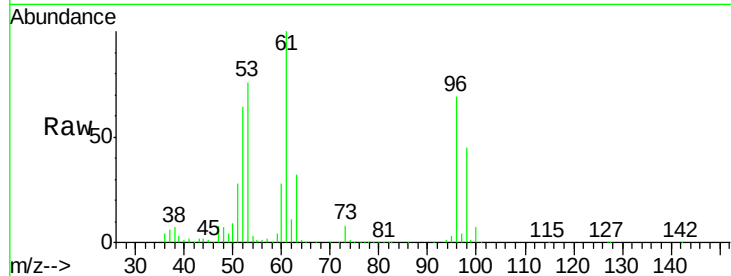
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 96 Resp: 169327

Ion	Ratio	Lower	Upper
96	100		
61	144.7	117.0	175.4
98	65.0	52.4	78.6

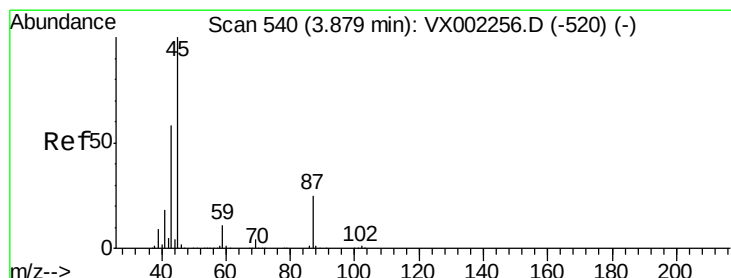
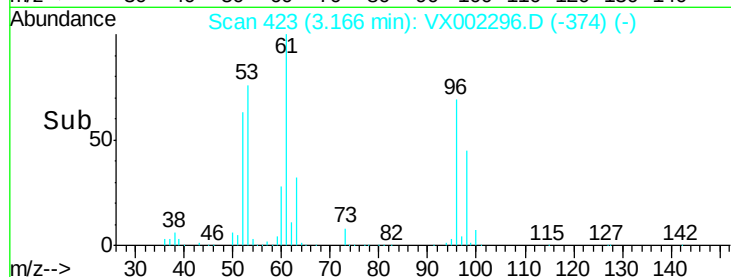
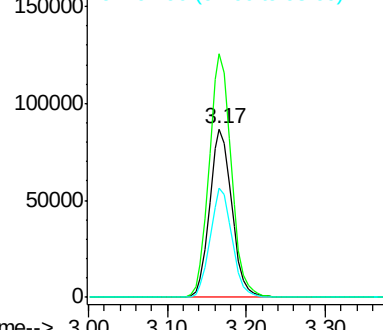


Abundance

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



#22

Diisopropyl ether

Concen: 54.10 ug/l

RT: 3.87 min Scan# 539

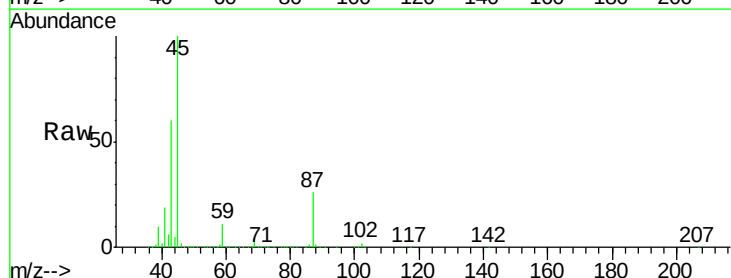
Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Tgt Ion: 45 Resp: 617913

Ion	Ratio	Lower	Upper
45	100		
43	60.4	46.8	70.2
87	26.0	20.2	30.4
59	11.1	8.7	13.1



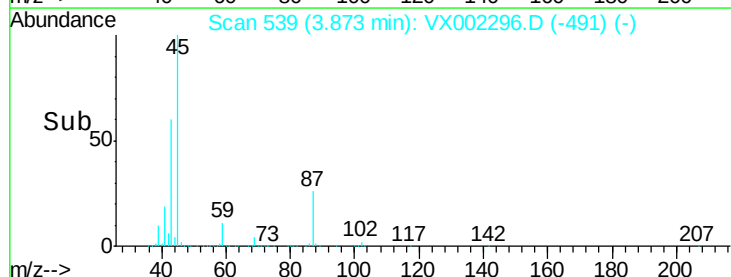
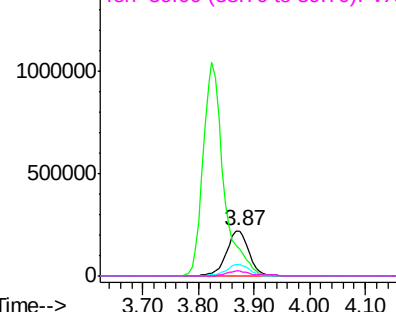
Abundance

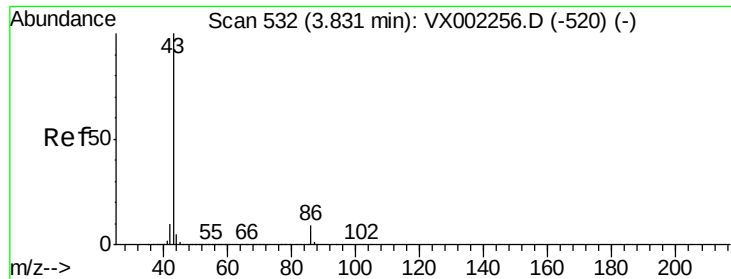
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 241.13 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

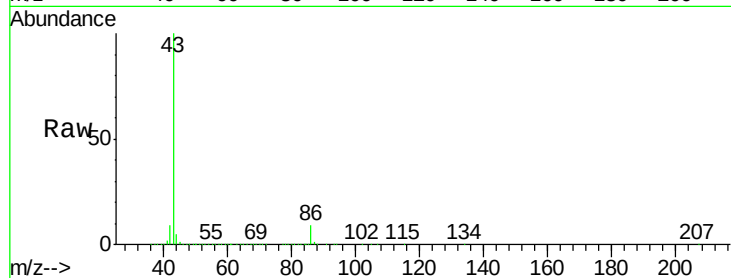
ClientSampleId :

Tot Ion: 43 Resp: 2678639

Ion Ratio Lower Upper

43 100

86 9.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1200000

1000000

800000

600000

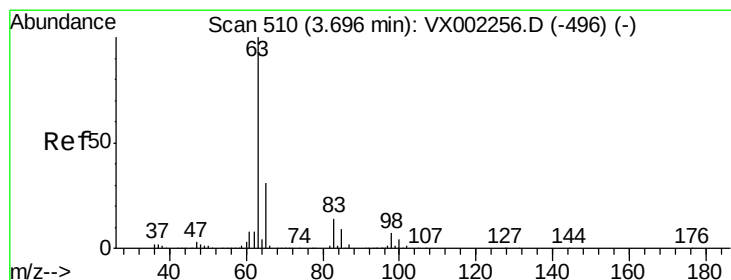
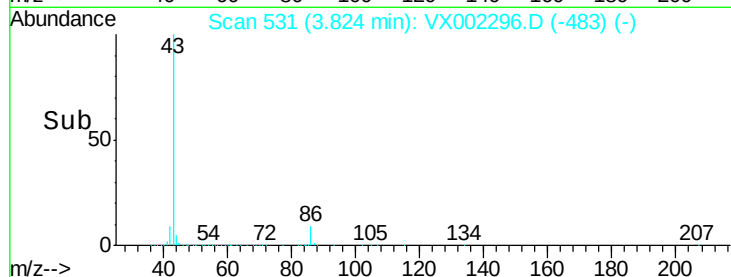
400000

200000

0

3.82

Time-->



#24

1,1-Dichloroethane

Concen: 48.22 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

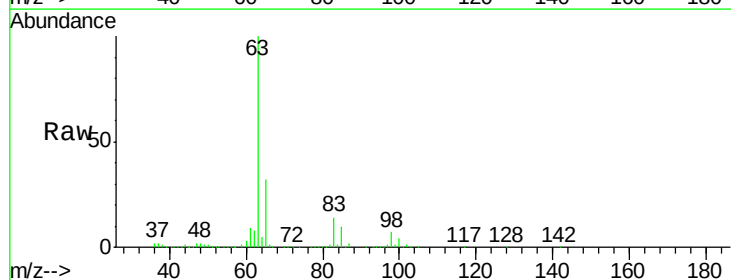
Tgt Ion: 63 Resp: 326590

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

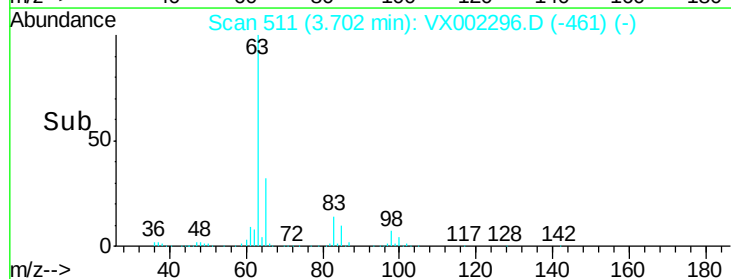
100000

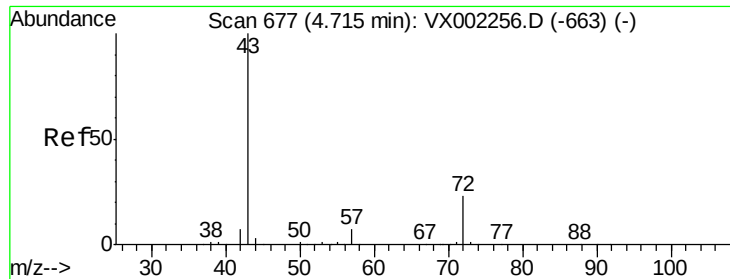
50000

0

3.70

Time-->





#25

2-Butanone

Concen: 220.30 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

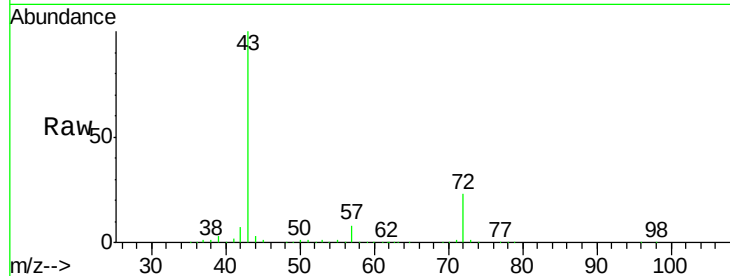
ClientSampled :

Tot Ion: 43 Resp: 640677

Ion Ratio Lower Upper

43 100

72 23.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

250000

200000

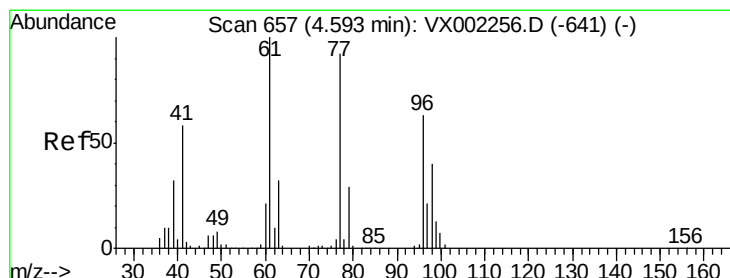
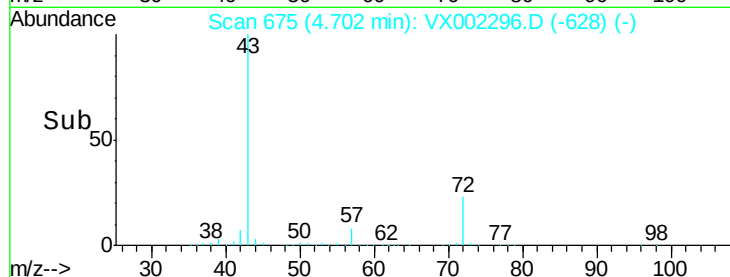
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.90 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002296.D

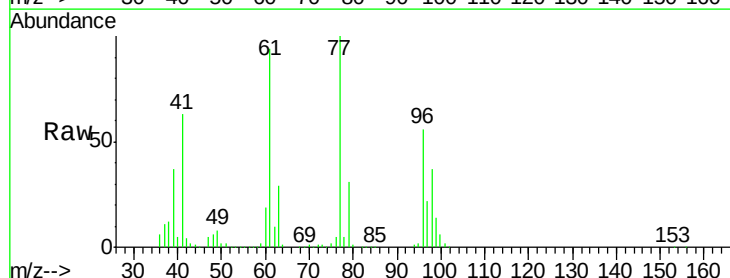
Acq: 05 Jun 2018 10:23

Tgt Ion: 77 Resp: 248274

Ion Ratio Lower Upper

77 100

97 22.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

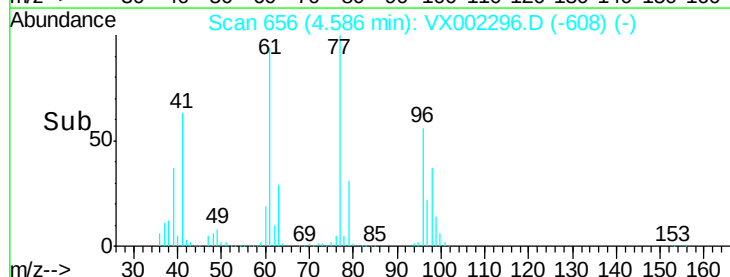
60000

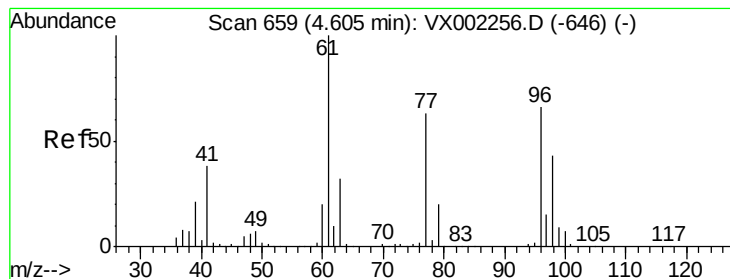
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 44.78 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :
MSVOA_X
ClientSampled :

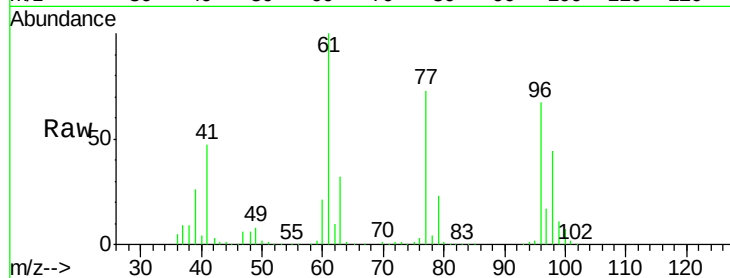
Tot Ion: 96 Resp: 169580

Ion Ratio Lower Upper

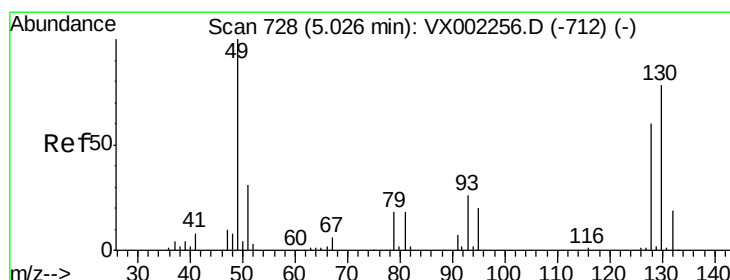
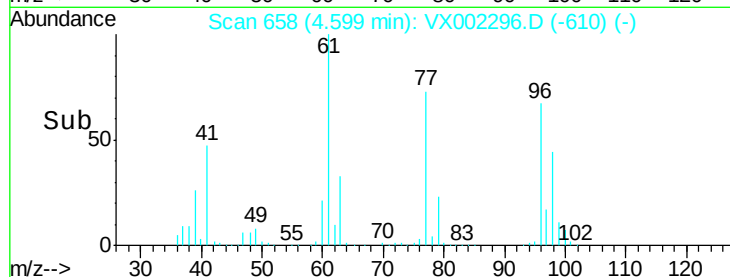
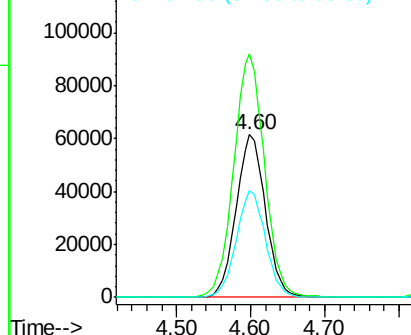
96 100

61 156.7 0.0 330.2

98 65.2 0.0 130.2



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: 55.23 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

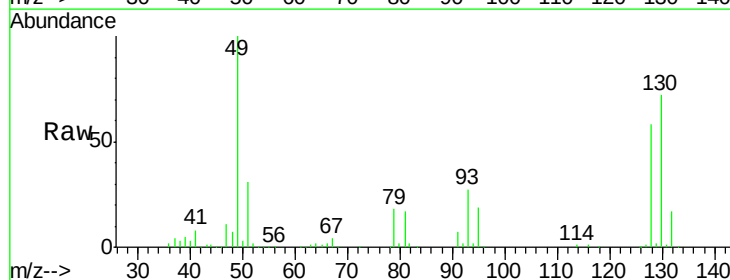
Tgt Ion: 49 Resp: 158012

Ion Ratio Lower Upper

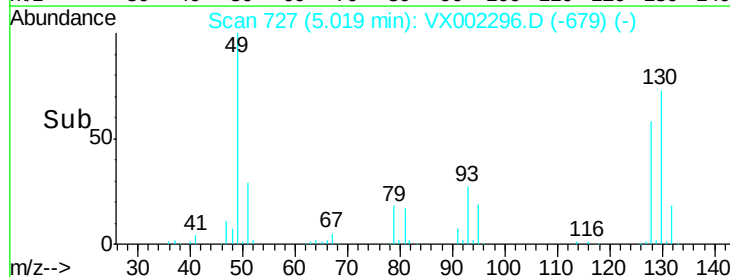
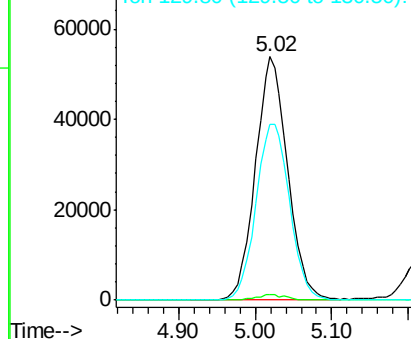
49 100

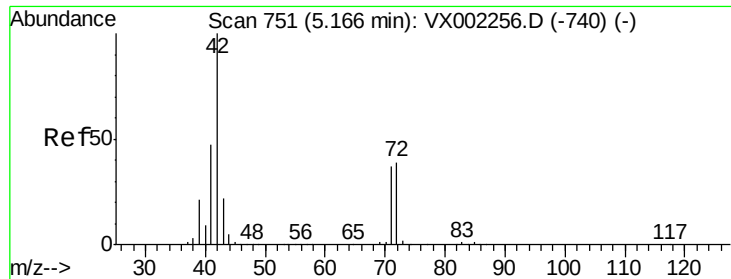
129 2.1 0.0 4.2

130 75.5 61.2 91.8



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: 206.61 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

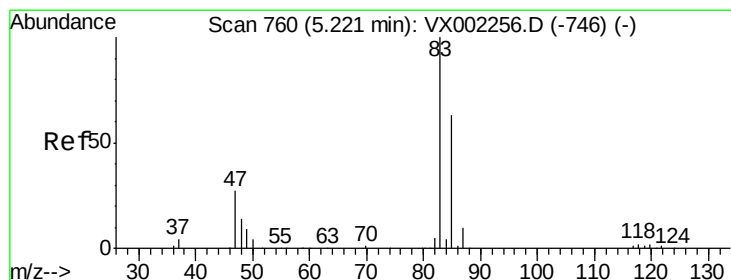
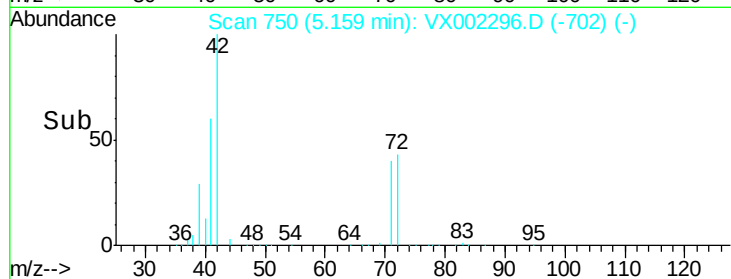
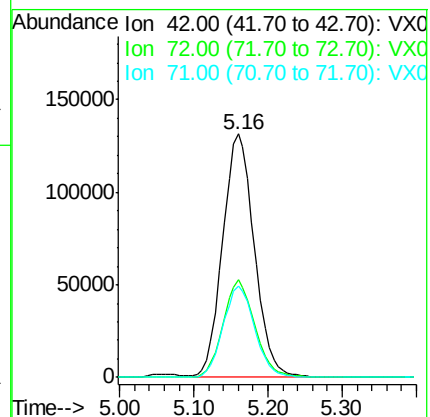
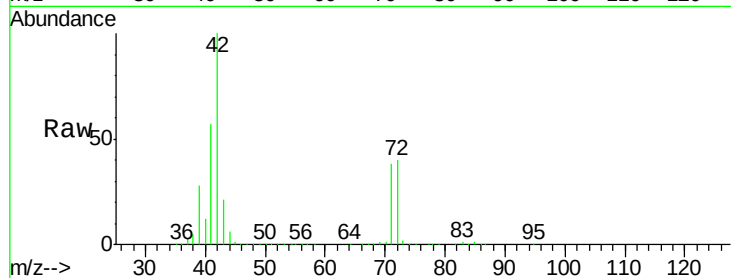
Tot Ion: 42 Resp: 387396

Ion Ratio Lower Upper

42 100

72 40.4 32.0 48.0

71 37.7 30.1 45.1



#30

Chloroform

Concen: 46.21 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002296.D

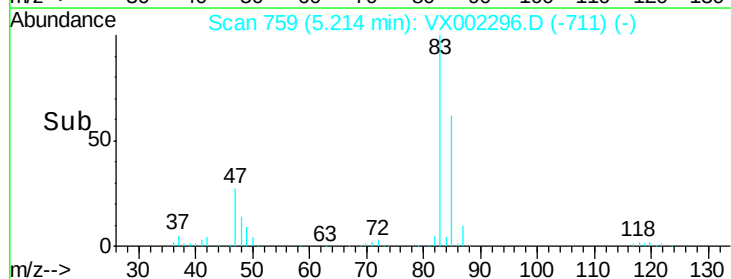
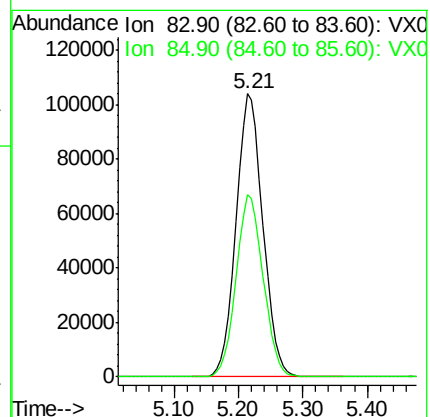
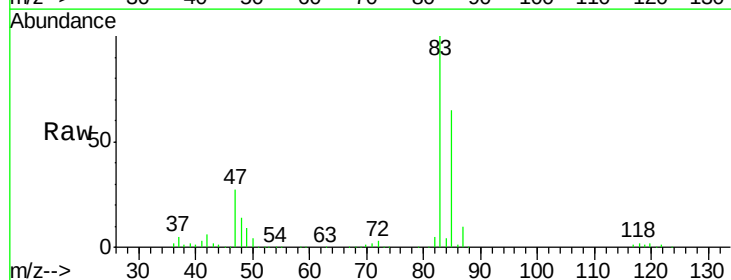
Acq: 05 Jun 2018 10:23

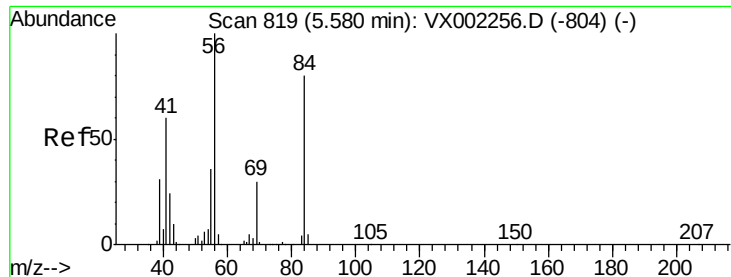
Tgt Ion: 83 Resp: 302013

Ion Ratio Lower Upper

83 100

85 64.6 50.4 75.6

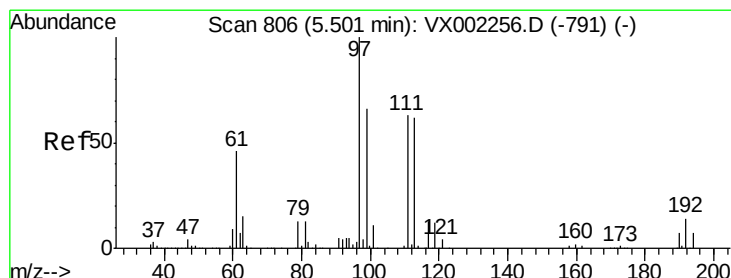
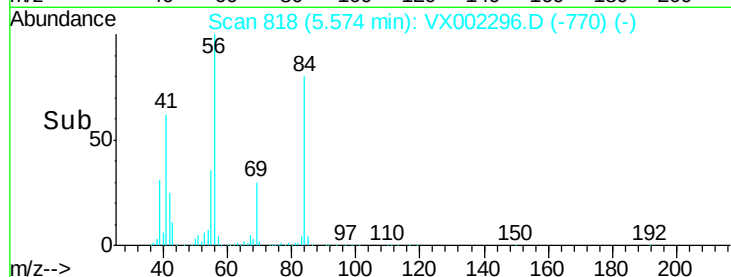
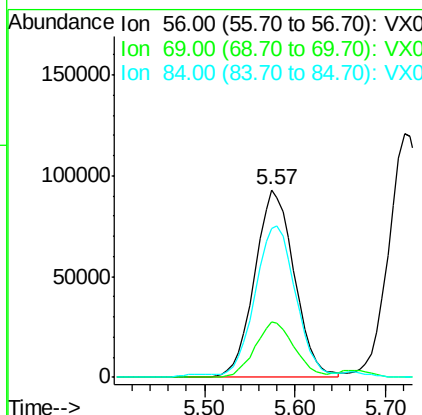
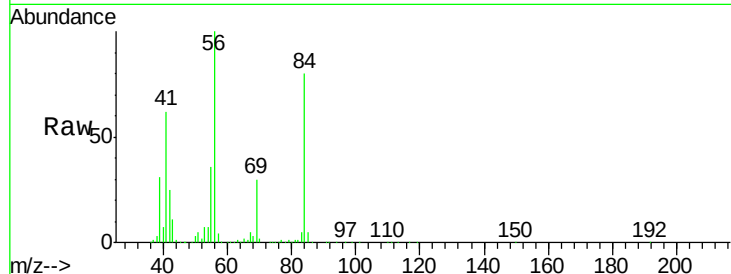




#31
Cyclohexane
Concen: 52.39 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

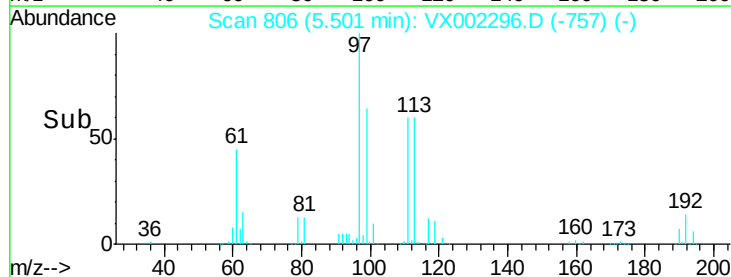
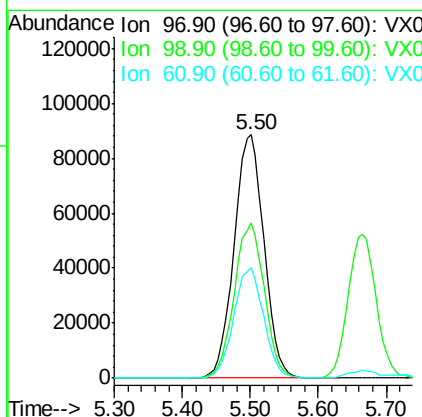
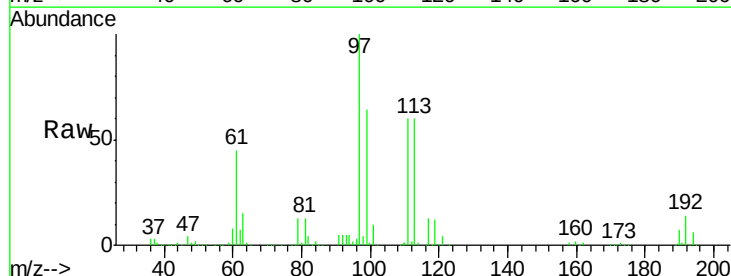
Instrument :
MSVOA_X
ClientSampleId :

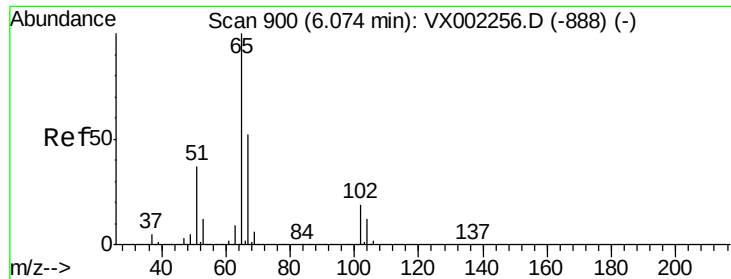
Tot Ion: 56 Resp: 280594
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 78.2 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 48.89 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 97 Resp: 270982
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 45.4 36.4 54.6

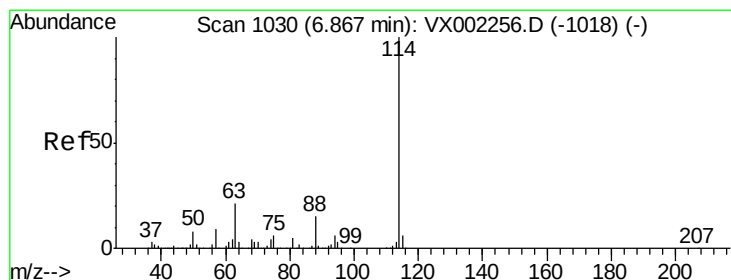
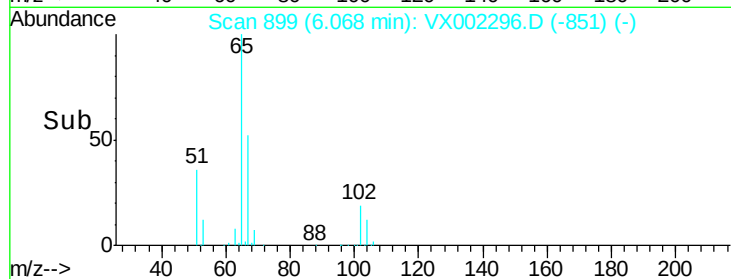
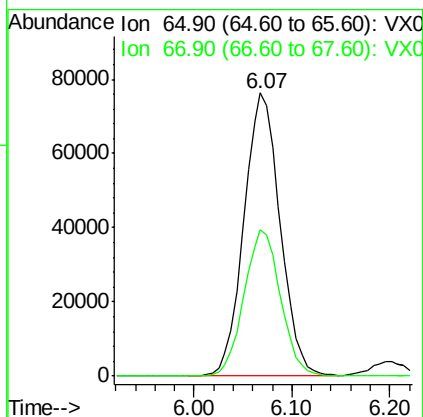
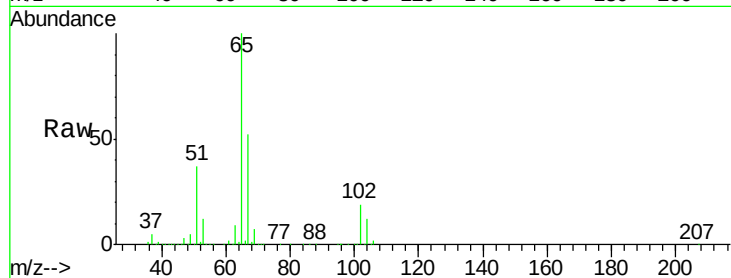




#33
 1,2-Dichloroethane-d4
 Concen: 45.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

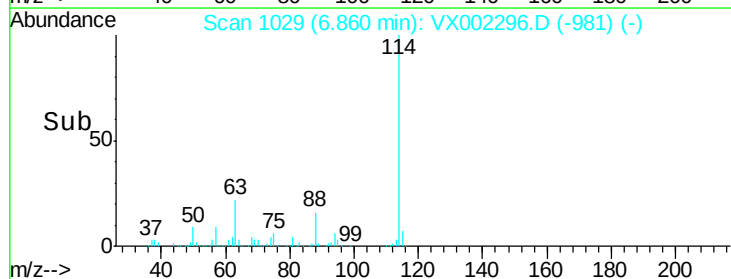
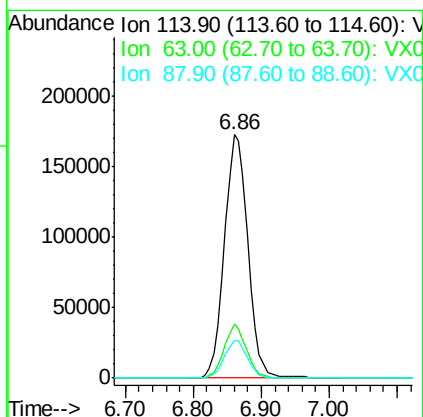
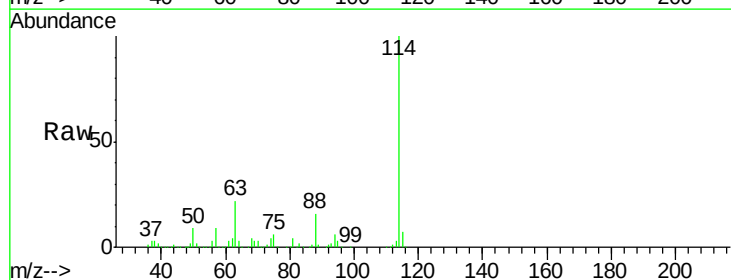
Instrument :
 MSVOA_X
 ClientSampleId :

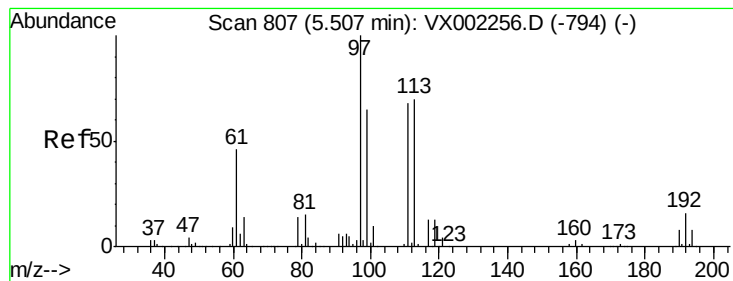
Tot Ion: 65 Resp: 195649
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 114 Resp: 413084
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.4
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.76 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

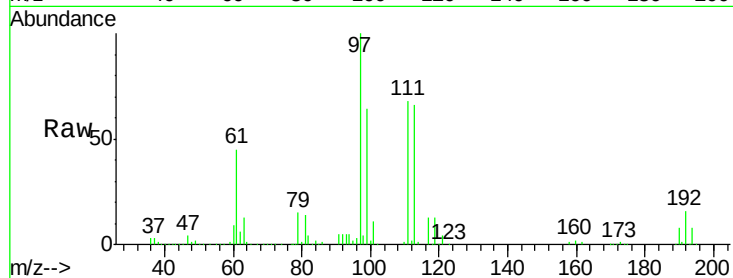
Tot Ion:113 Resp: 151890

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

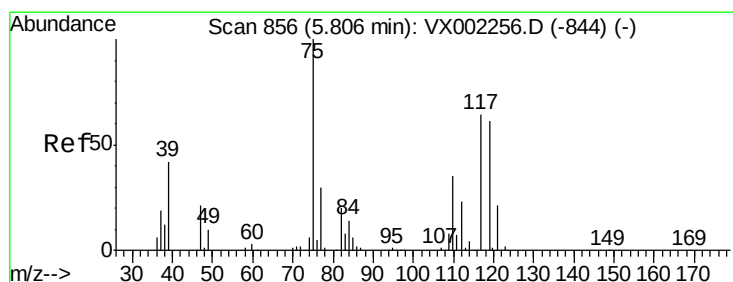
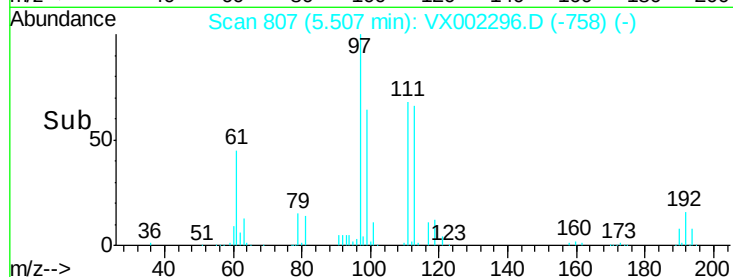
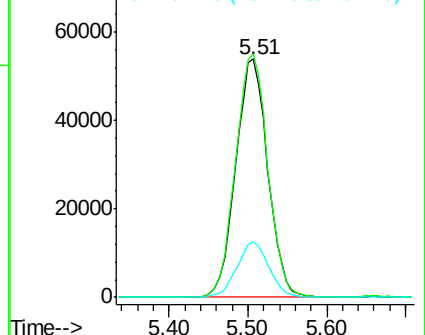
192 23.4 19.1 28.7



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: 53.48 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

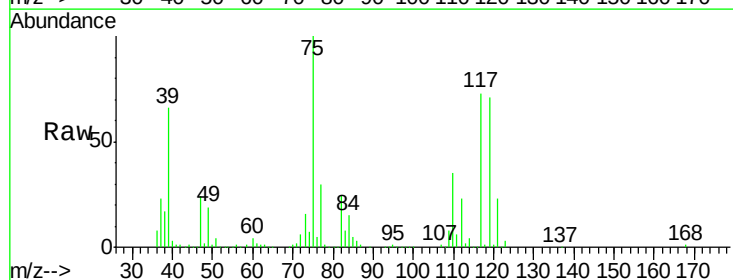
Tgt Ion: 75 Resp: 232228

Ion Ratio Lower Upper

75 100

110 35.4 18.1 54.4

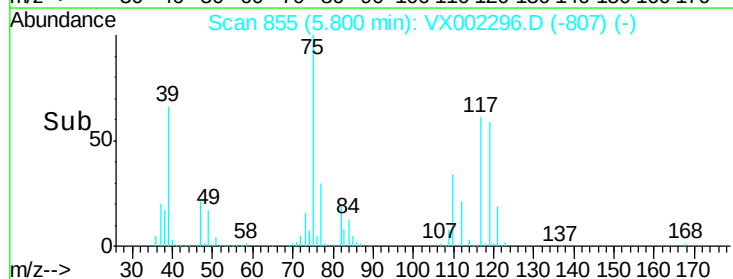
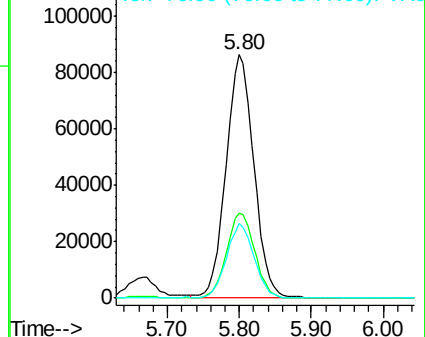
77 30.1 24.3 36.5

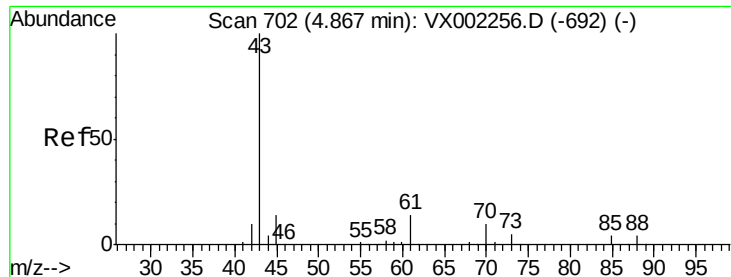


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

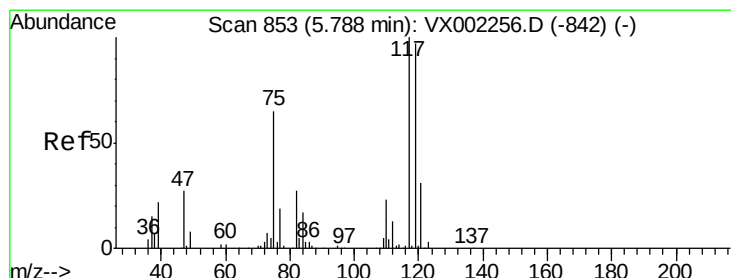
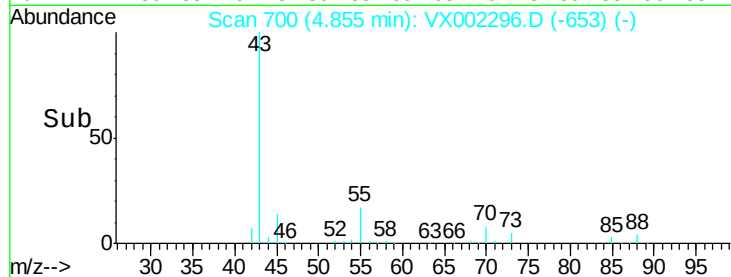
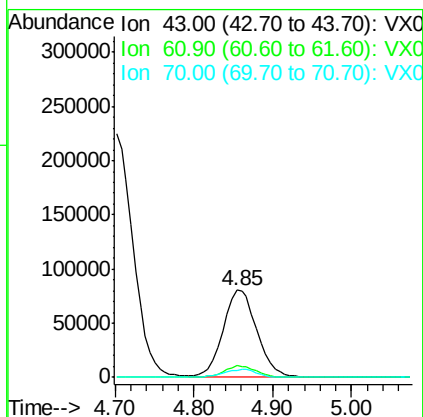
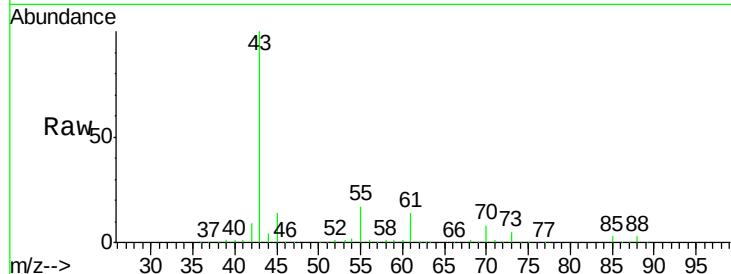




#37
Ethyl Acetate
Concen: 45.80 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

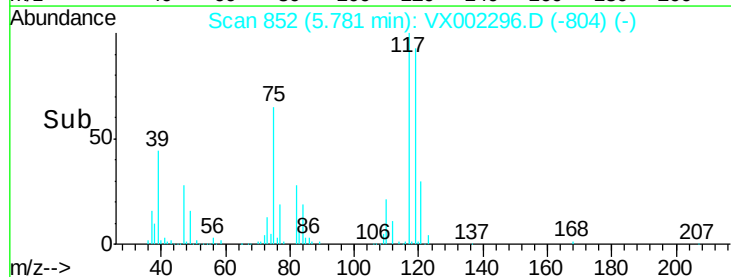
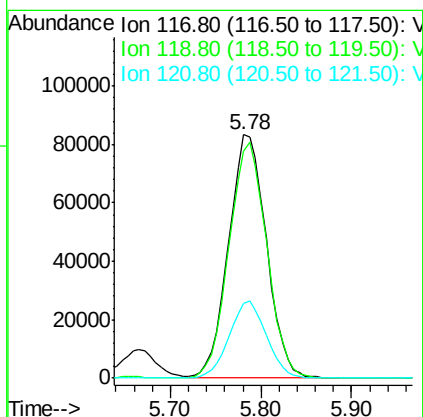
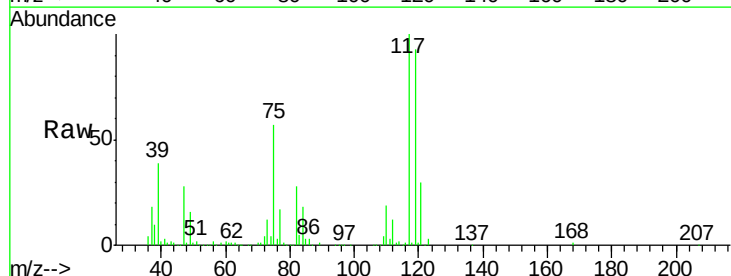
Instrument :
MSVOA_X
ClientSampled :

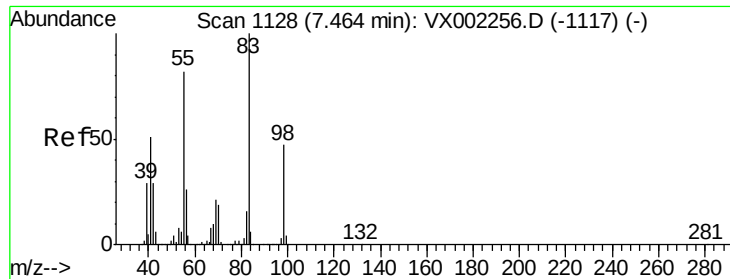
Tot Ion: 43 Resp: 239204
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 53.04 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 117 Resp: 240953
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.0
121 30.5 24.4 36.6

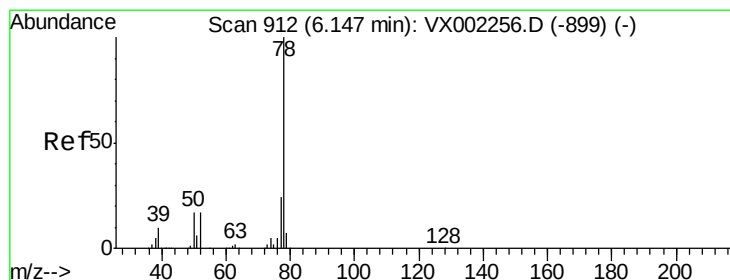
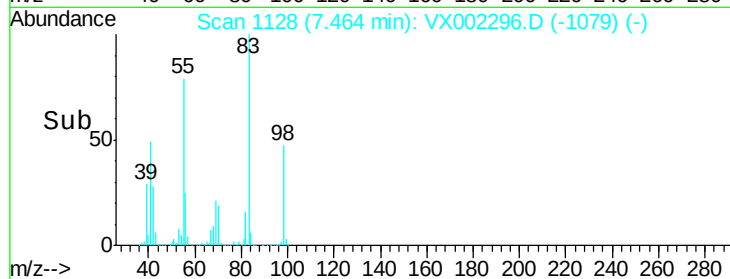
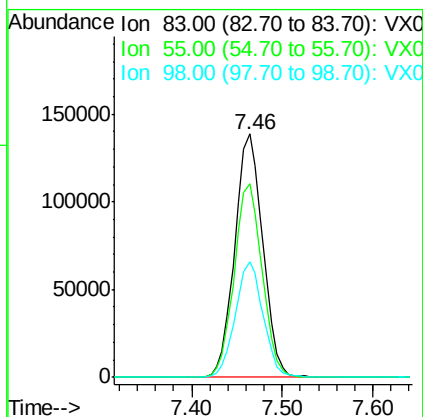
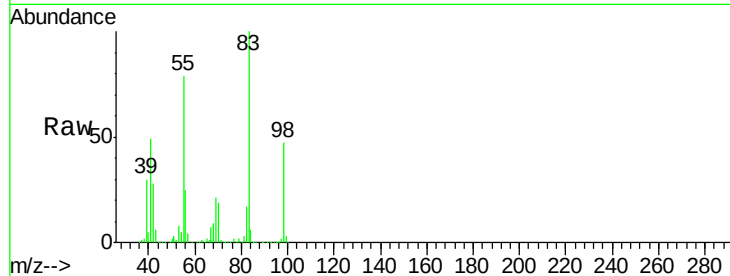




#39
Methylvlcyclohexane
Concen: 55.47 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

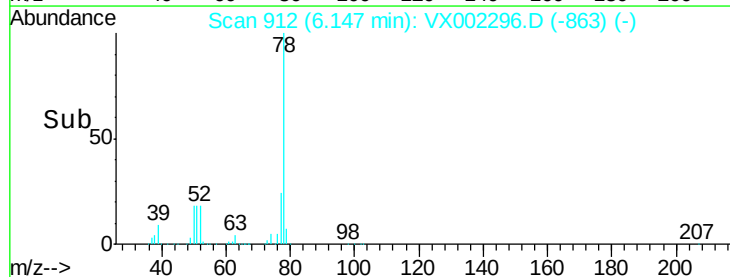
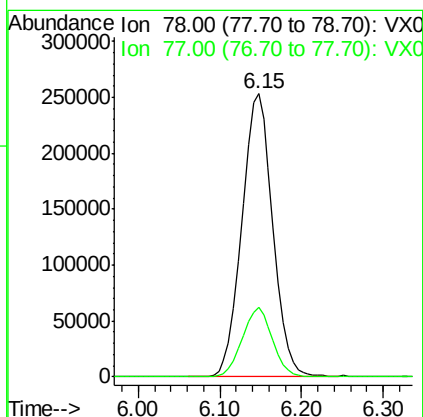
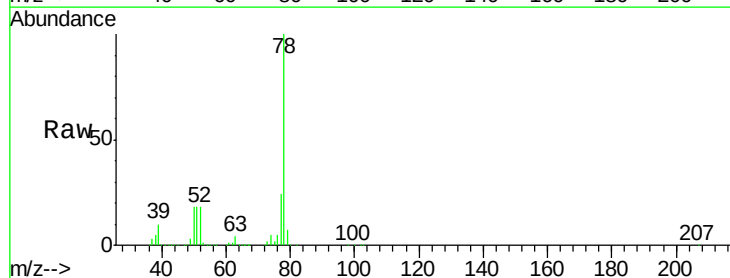
Instrument :
MSVOA_X
ClientSampleId :

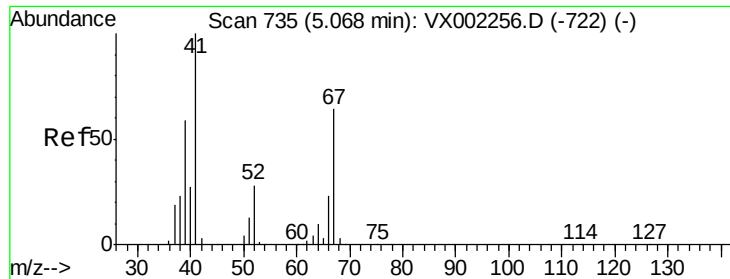
Tot Ion: 83 Resp: 297735
Ion Ratio Lower Upper
83 100
55 79.2 65.4 98.0
98 47.3 37.4 56.0



#40
Benzene
Concen: 50.04 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 78 Resp: 666269
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

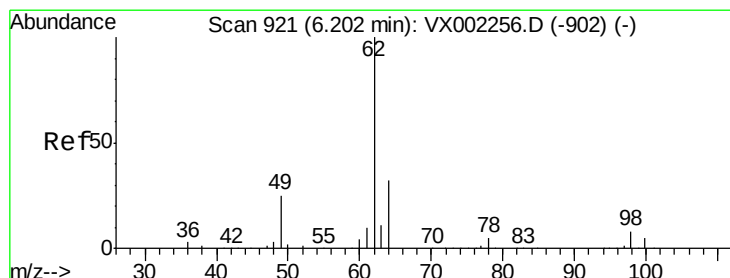
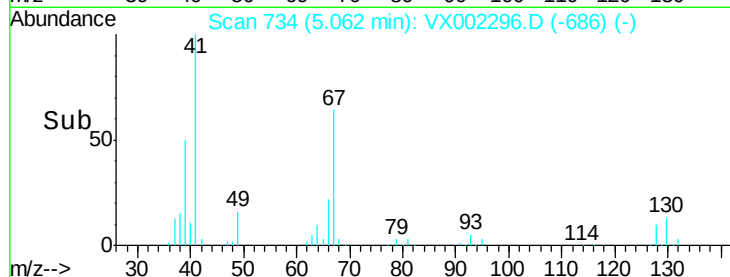
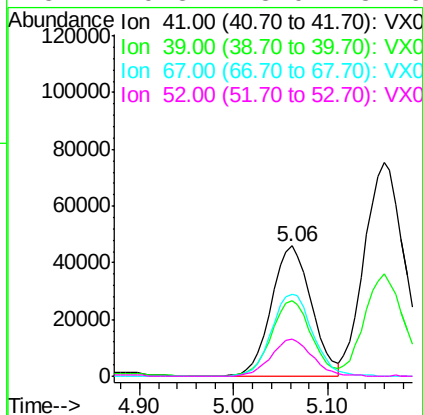
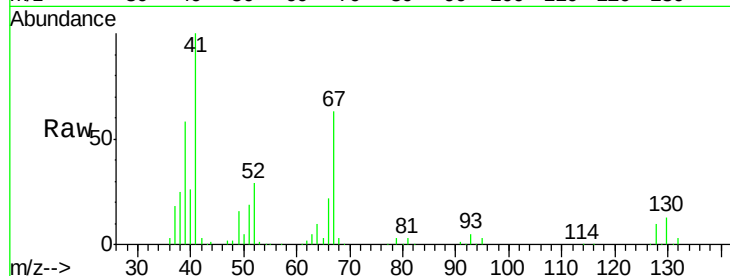




#41
Methacrylonitrile
Concen: 45.42 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

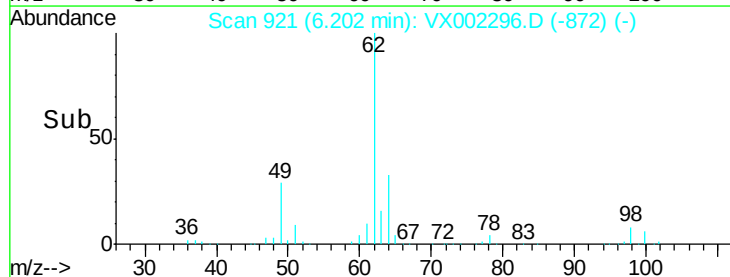
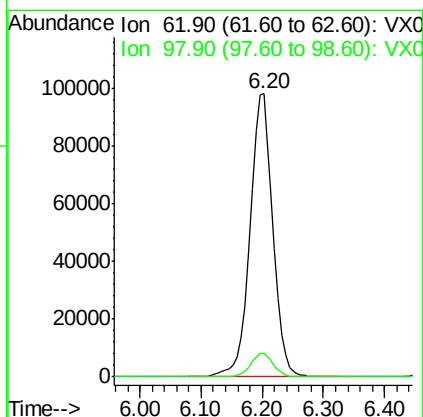
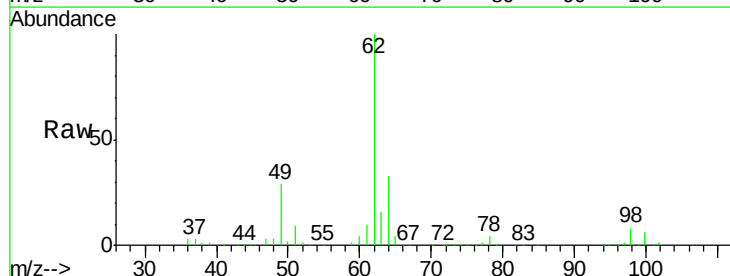
Instrument :
MSVOA_X
ClientSampled :

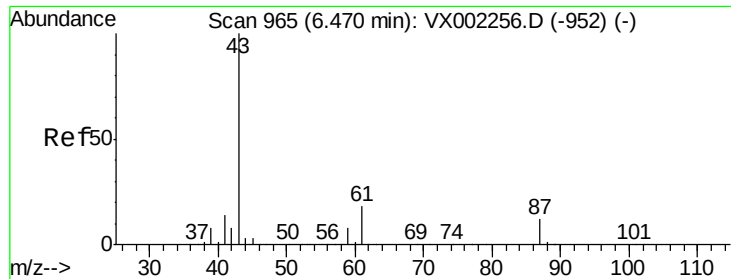
Tot Ion: 41 Resp: 135788
Ion Ratio Lower Upper
41 100
39 57.9 45.8 68.6
67 65.2 51.3 76.9
52 29.3 23.0 34.6



#42
1,2-Dichloroethane
Concen: 48.47 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 62 Resp: 256406
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.6





#43

Isopropyl Acetate

Concen: 46.18 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

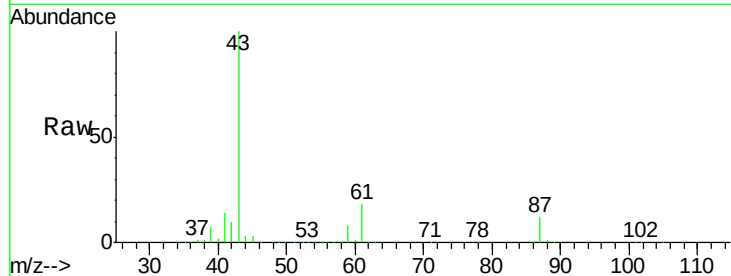
Tot Ion: 43 Resp: 409660

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

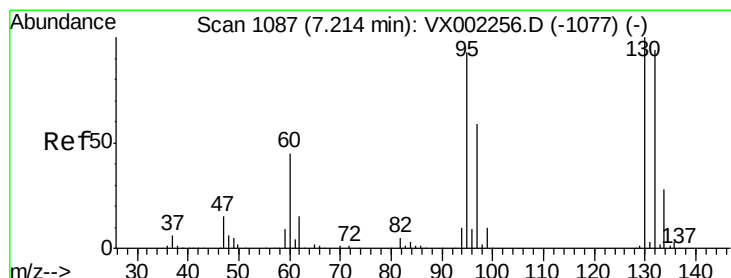
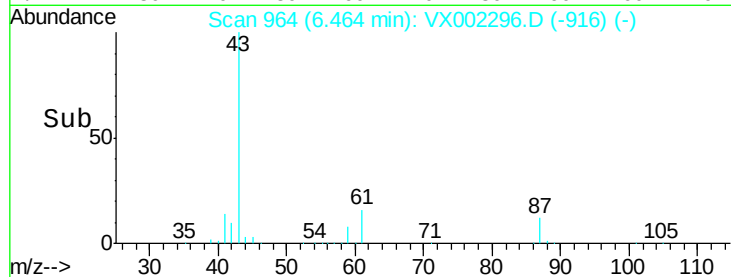
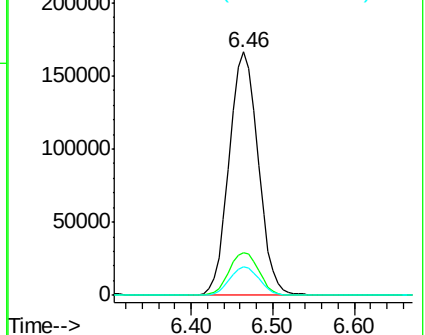
87 12.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.30 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002296.D

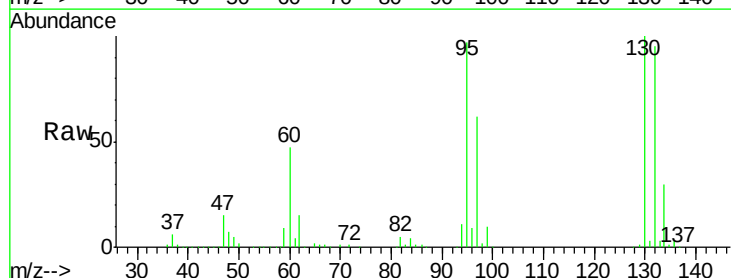
Acq: 05 Jun 2018 10:23

Tgt Ion:130 Resp: 196978

Ion Ratio Lower Upper

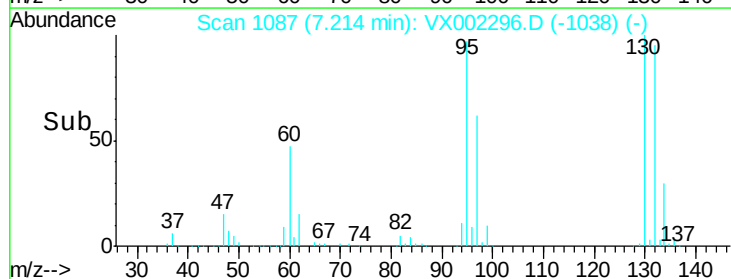
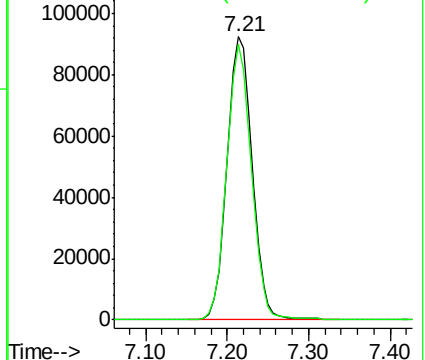
130 100

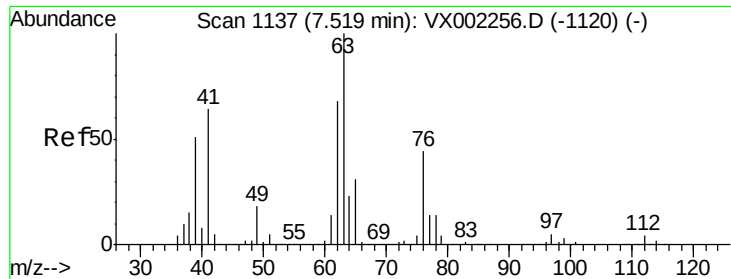
95 97.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

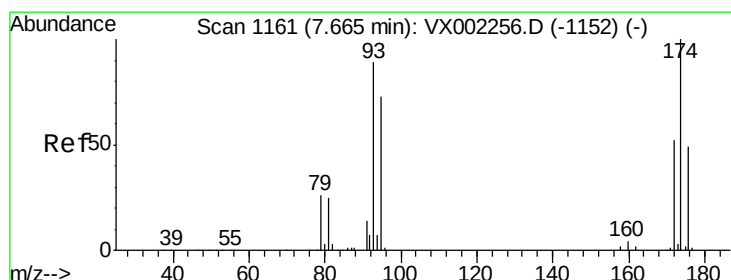
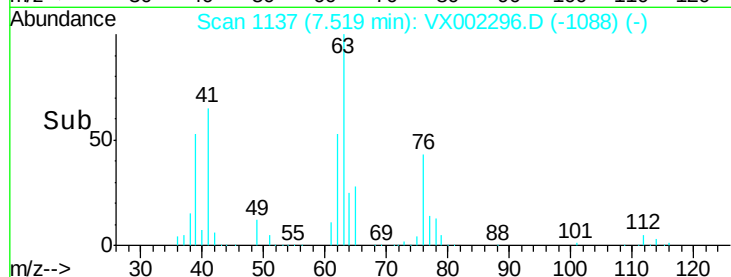
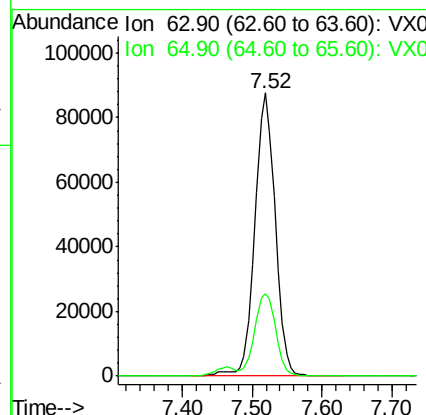
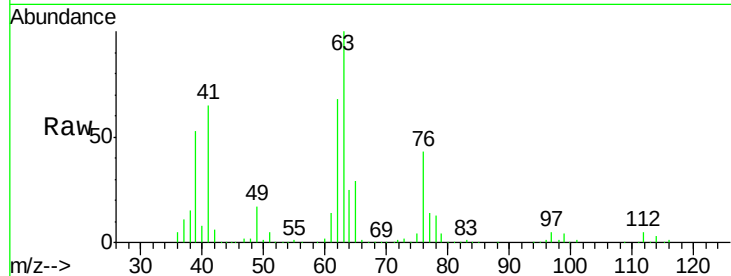




#45
 1,2-Dichloropropane
 Concen: 49.44 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

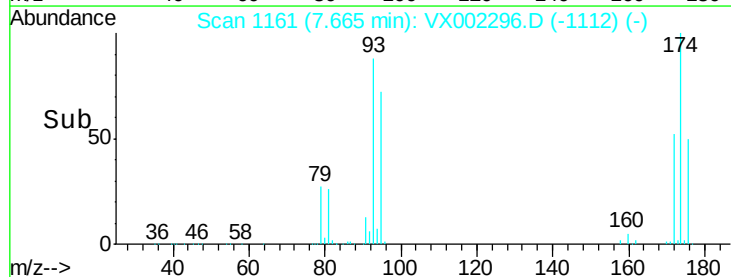
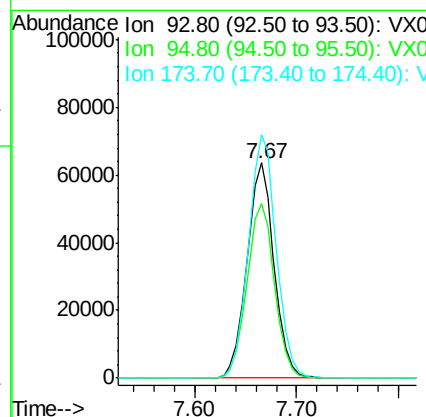
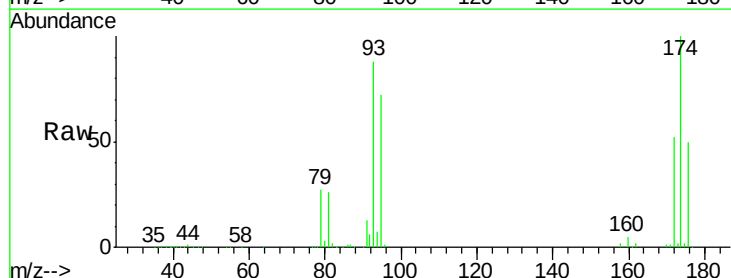
Instrument :
 MSVOA_X
 ClientSampled :

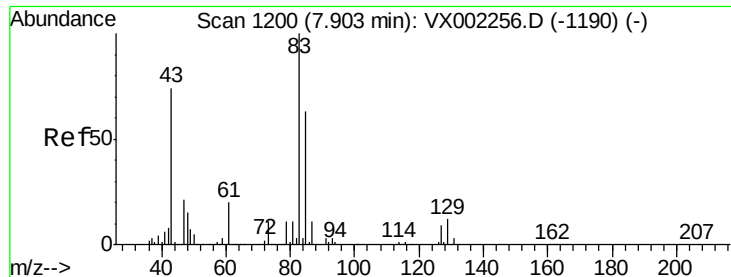
Tot Ion: 63 Resp: 177705
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.7 37.1



#46
 Dibromomethane
 Concen: 47.97 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 93 Resp: 116888
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 116.2 92.4 138.6





#47

Bromodichloromethane

Concen: 50.09 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

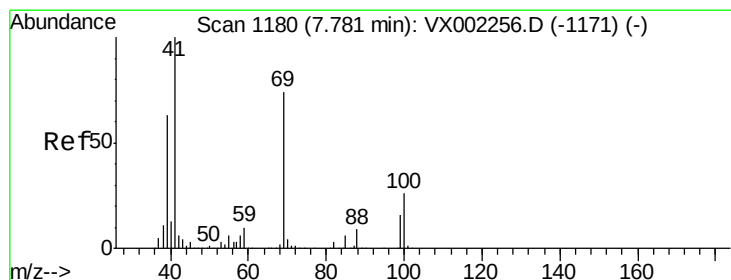
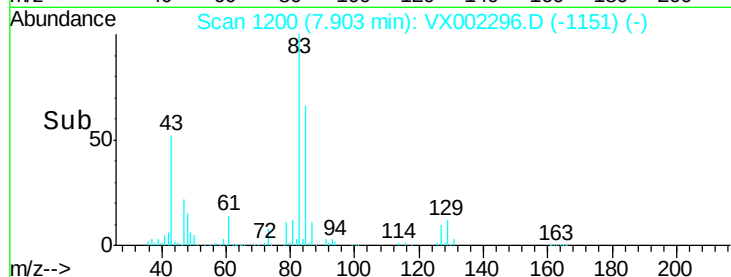
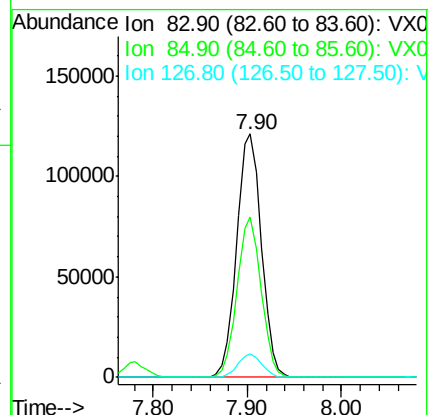
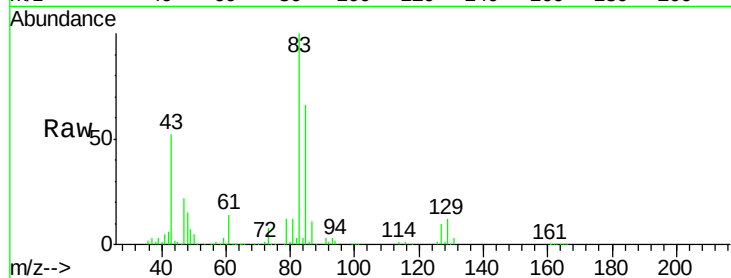
Tot Ion: 83 Resp: 220744

Ion Ratio Lower Upper

83 100

85 65.9 50.3 75.5

127 9.7 7.0 10.4



#48

Methyl methacrylate

Concen: 47.21 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

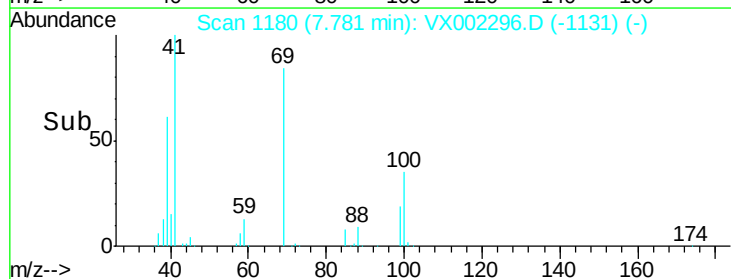
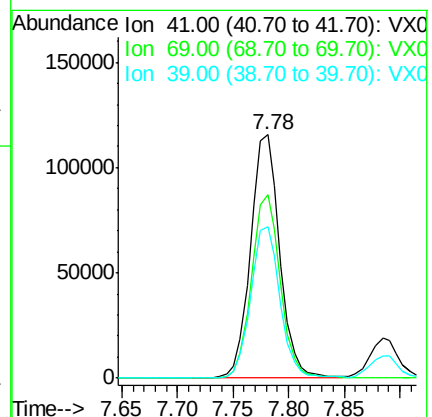
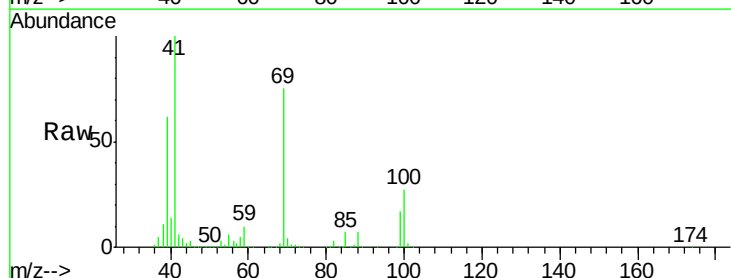
Tgt Ion: 41 Resp: 210356

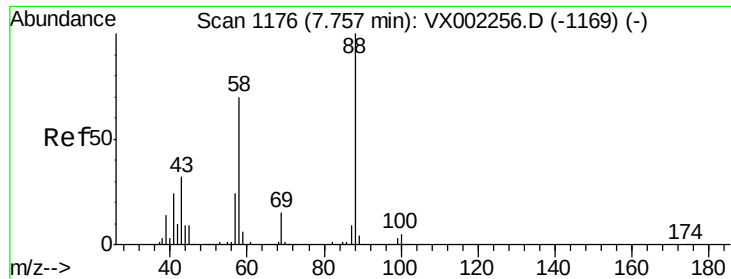
Ion Ratio Lower Upper

41 100

69 75.0 59.1 88.7

39 62.1 48.9 73.3





#49

1,4-Dioxane

Concen: 933.83 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :
MSVOA_X
ClientSampled :

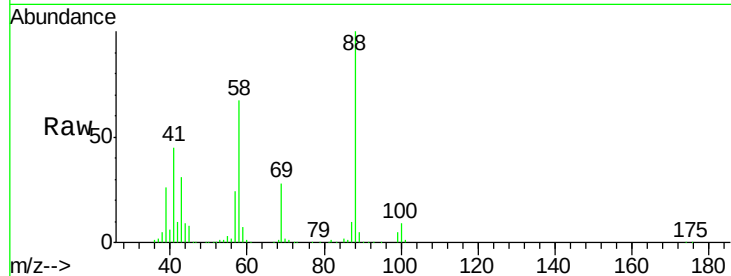
Tot Ion: 88 Resp: 77800

Ion Ratio Lower Upper

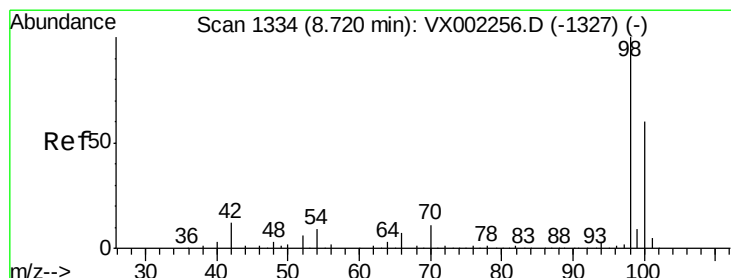
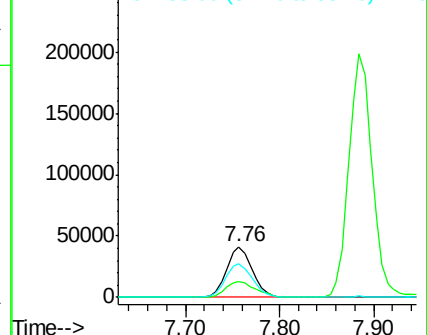
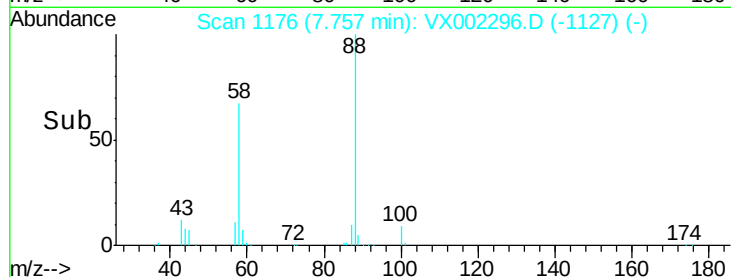
88 100

43 36.1 29.8 44.6

58 69.9 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.86 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002296.D

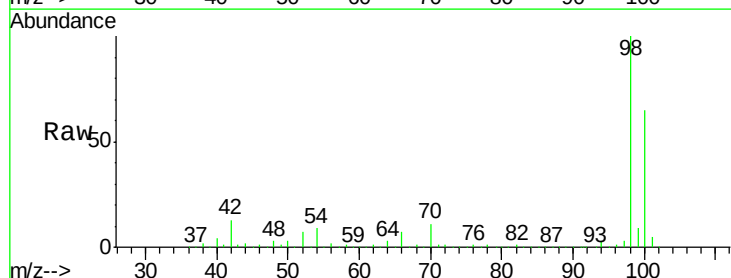
Acq: 05 Jun 2018 10:23

Tgt Ion: 98 Resp: 608315

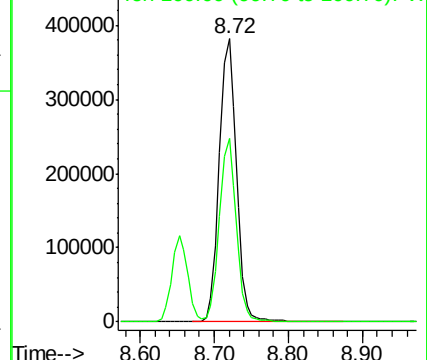
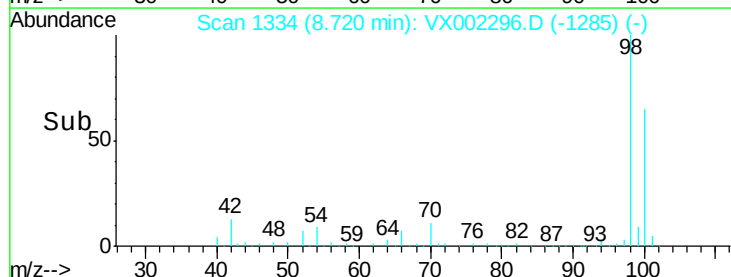
Ion Ratio Lower Upper

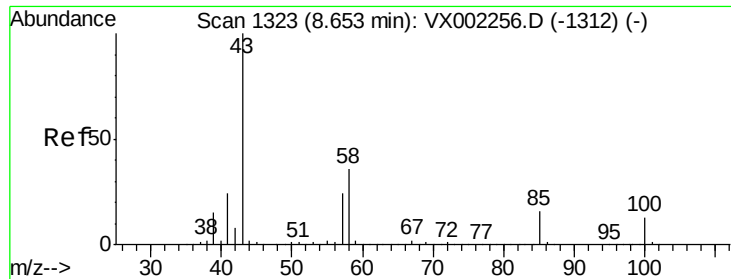
98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 234.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

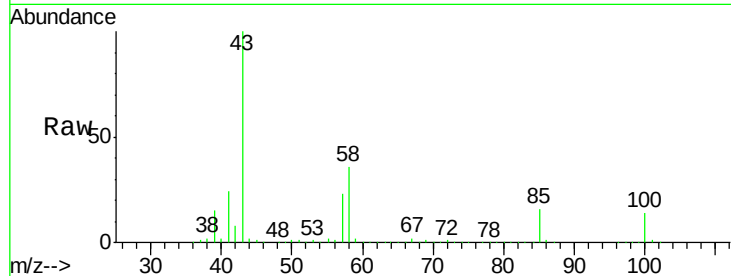
ClientSampleId :

Tot Ion: 43 Resp: 1297730

Ion Ratio Lower Upper

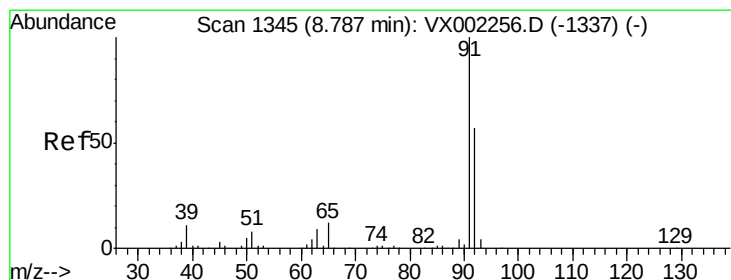
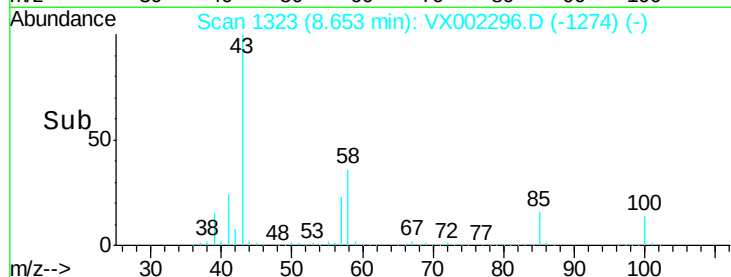
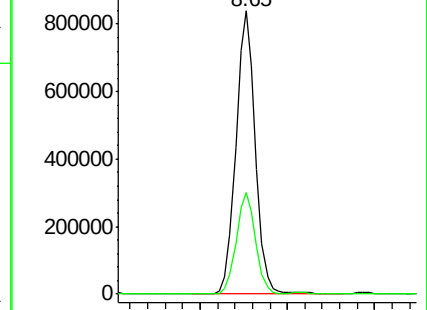
43 100

58 35.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.62 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002296.D

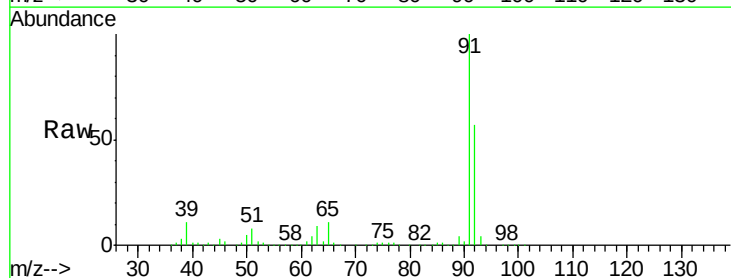
Acq: 05 Jun 2018 10:23

Tgt Ion: 92 Resp: 445603

Ion Ratio Lower Upper

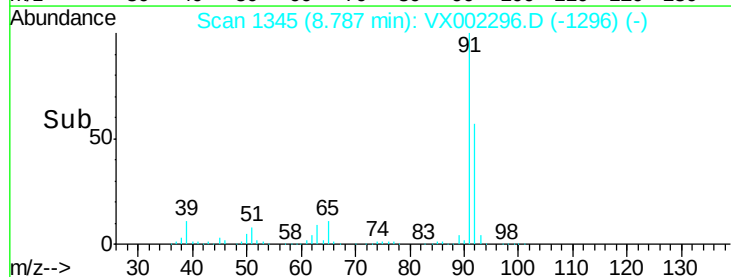
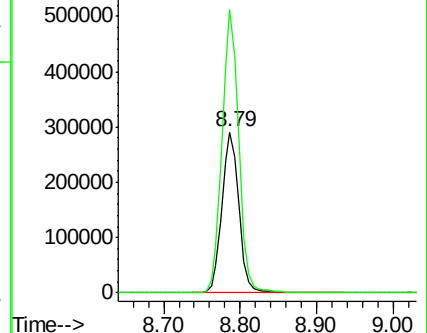
92 100

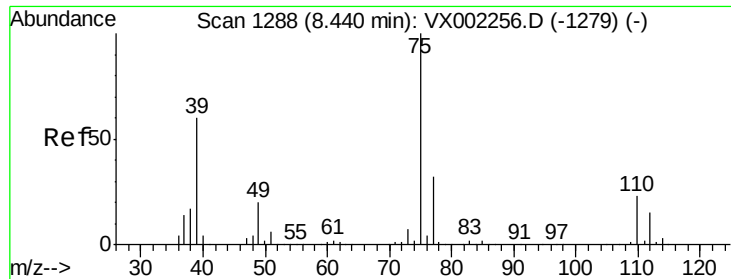
91 174.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.37 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

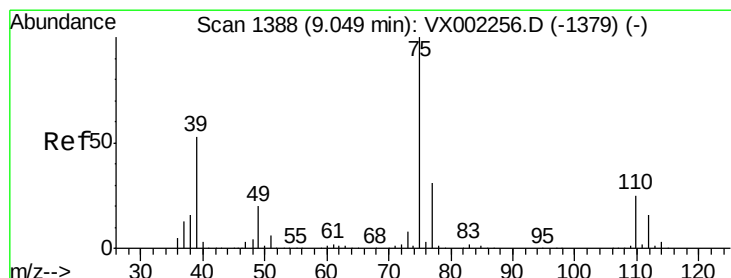
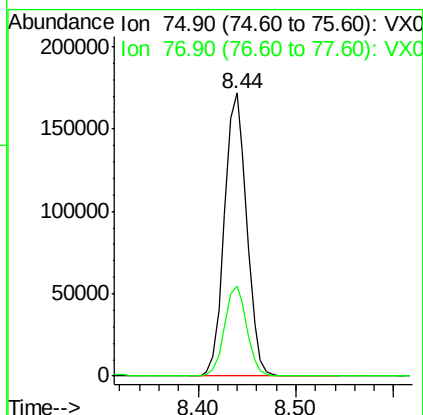
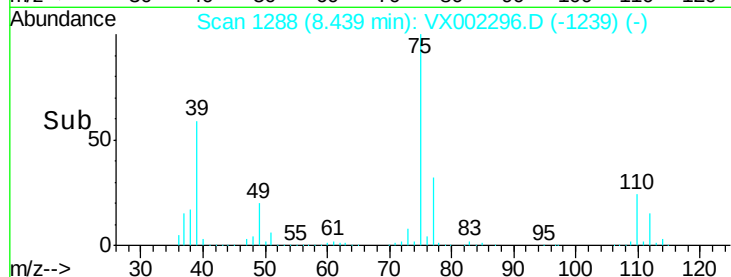
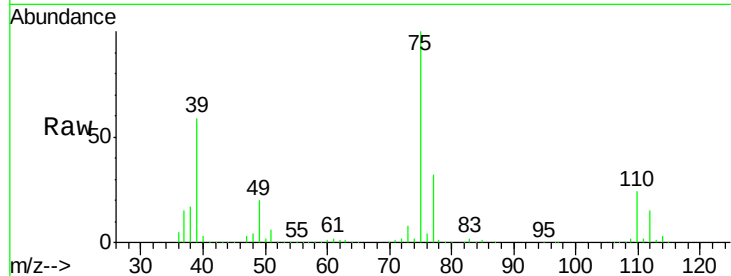
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 271482

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.25 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

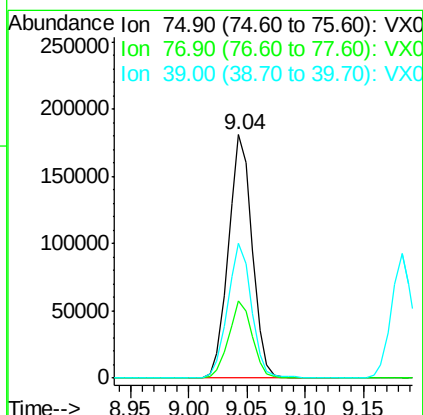
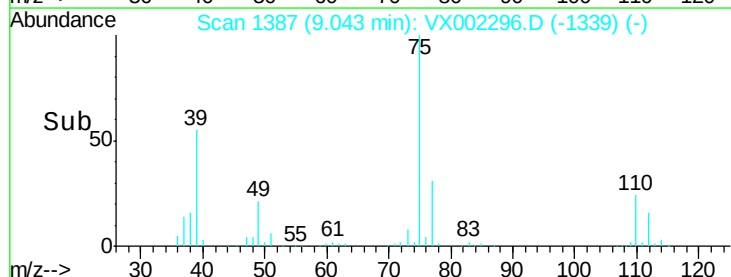
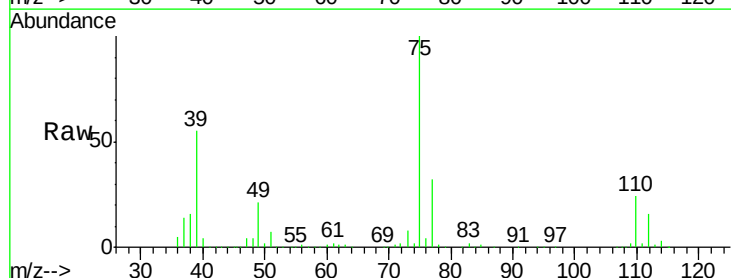
Tgt Ion: 75 Resp: 255548

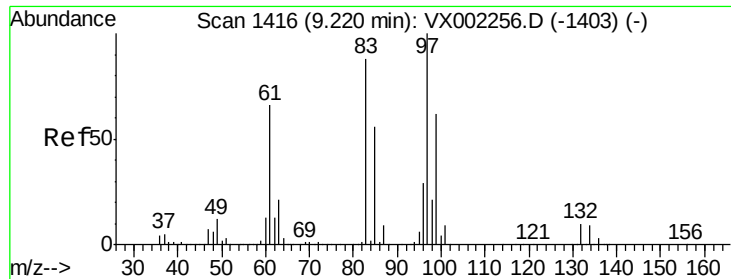
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 55.4 42.4 63.6

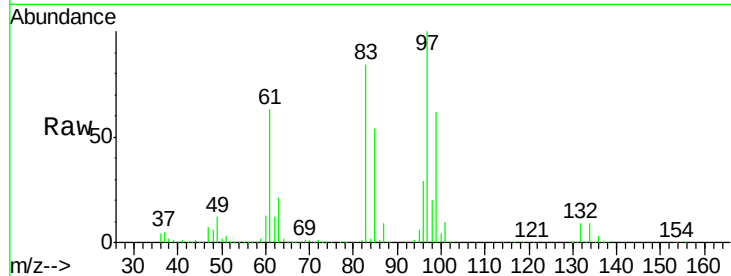




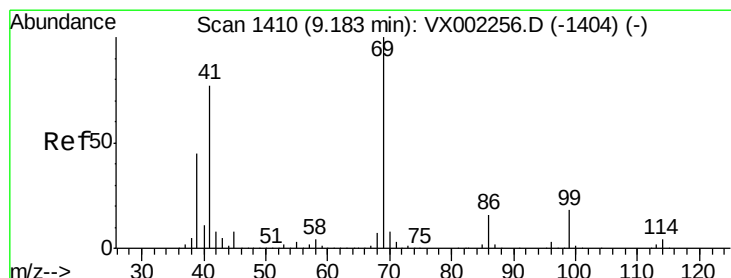
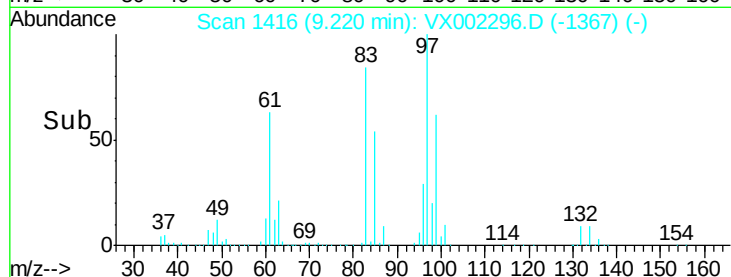
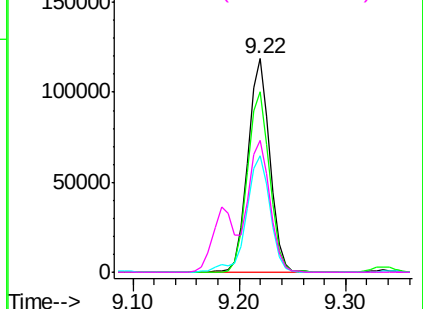
#55
 1,1,2-Trichloroethane
 Concen: 49.35 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	171908
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.2
85	54.4	44.9	67.3
99	61.8	49.8	74.8

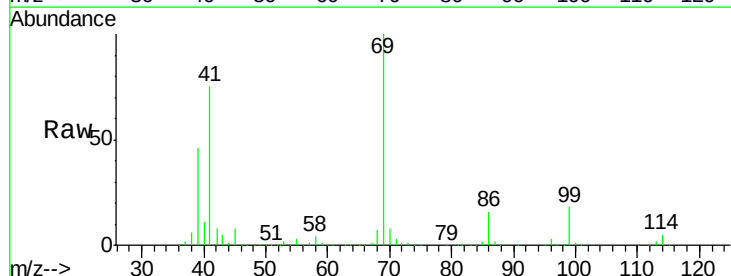


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

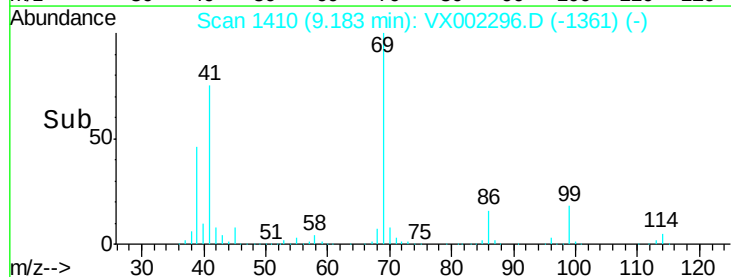
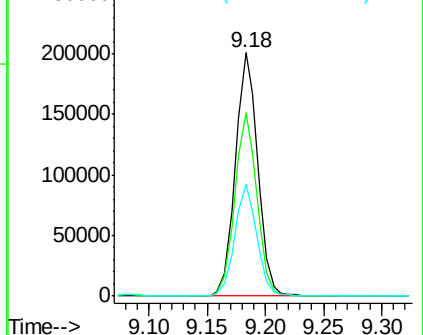


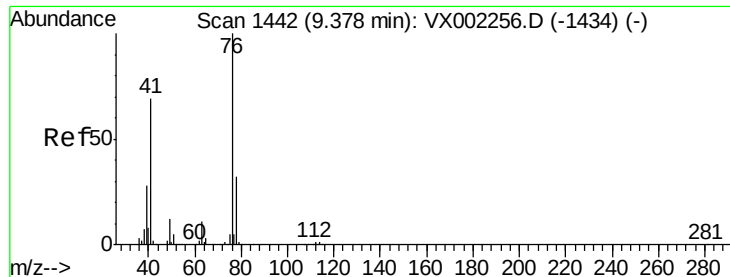
#56
 Ethyl methacrylate
 Concen: 48.34 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion:	69	Resp:	268817
Ion	Ratio	Lower	Upper
69	100		
41	74.5	60.3	90.5
39	44.9	35.8	53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

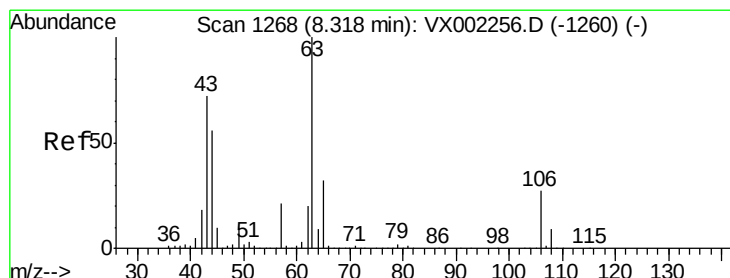
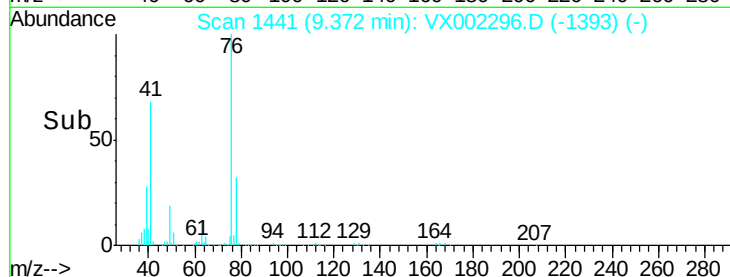
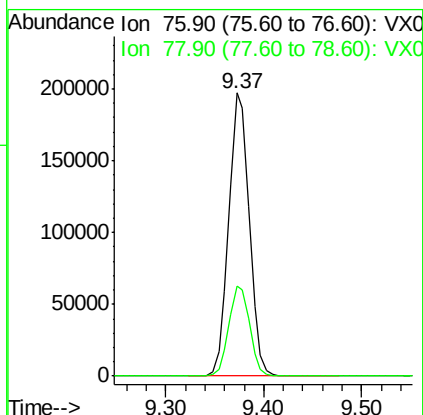
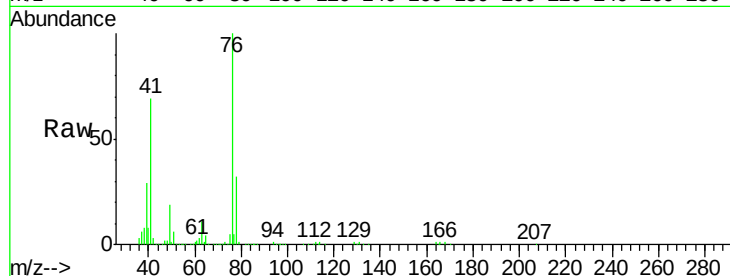




#57
 1,3-Dichloropropane
 Concen: 49.23 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

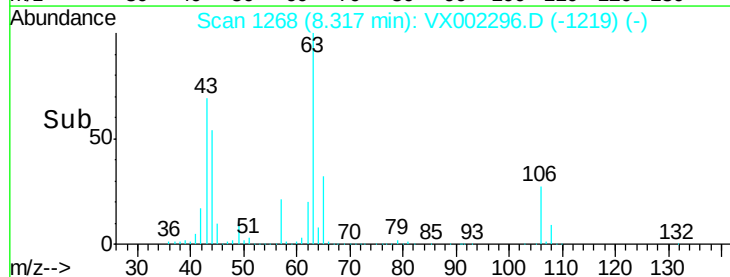
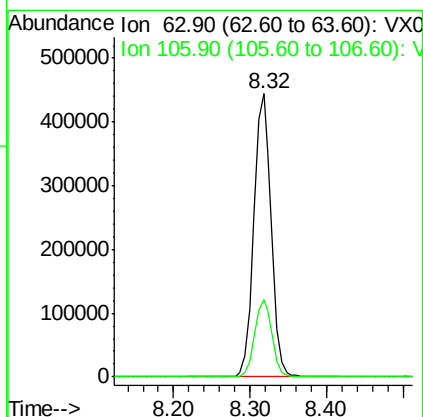
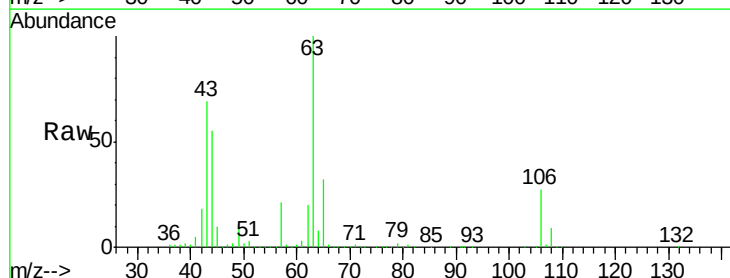
Instrument :
 MSVOA_X
 ClientSampleId :

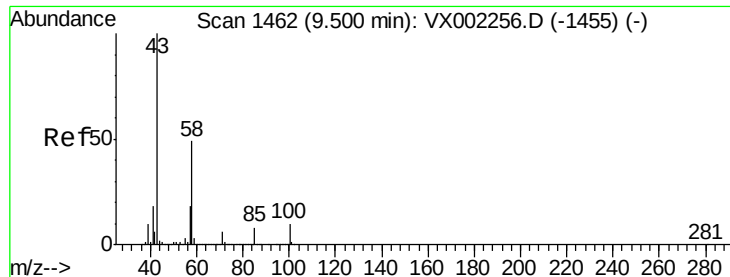
Tot Ion: 76 Resp: 287664
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.74 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion: 63 Resp: 696848
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.8 32.8

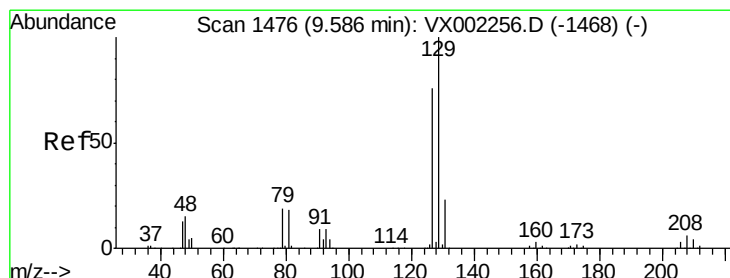
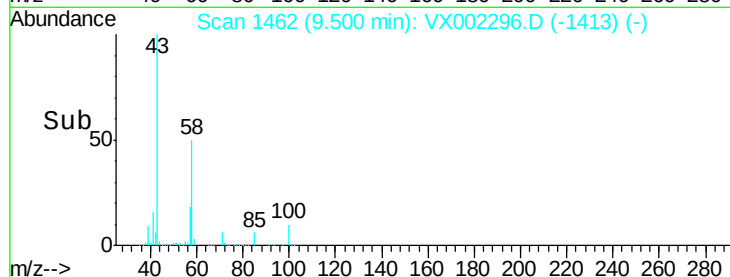
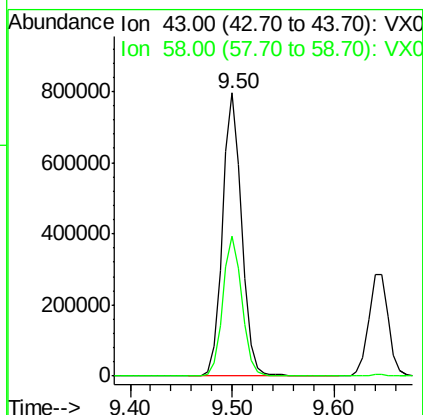
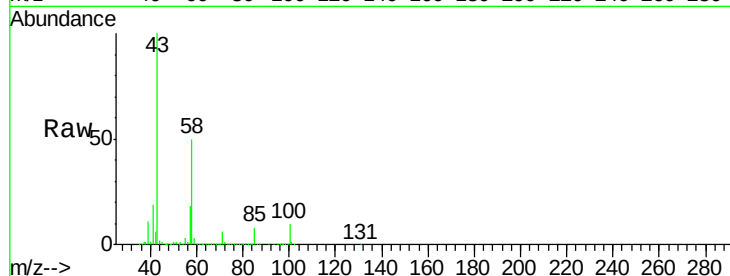




#59
2-Hexanone
Concen: 243.60 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

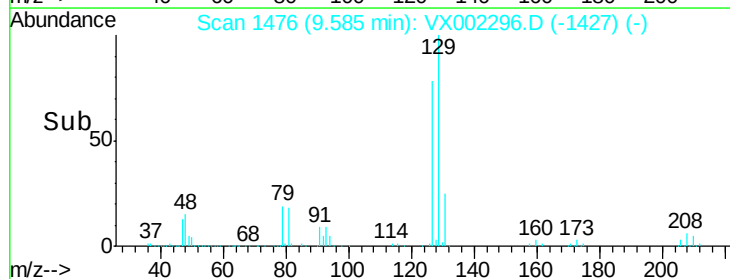
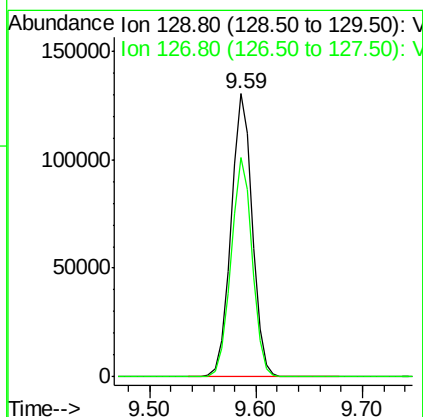
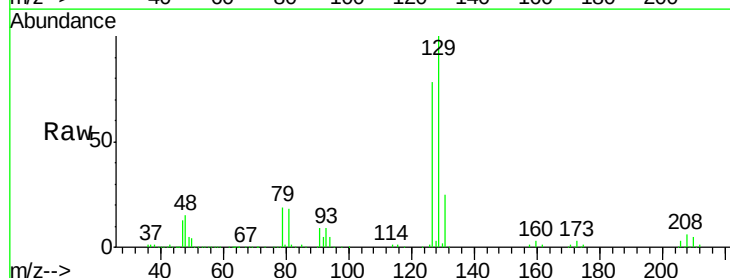
Instrument :
MSVOA_X
ClientSampled :

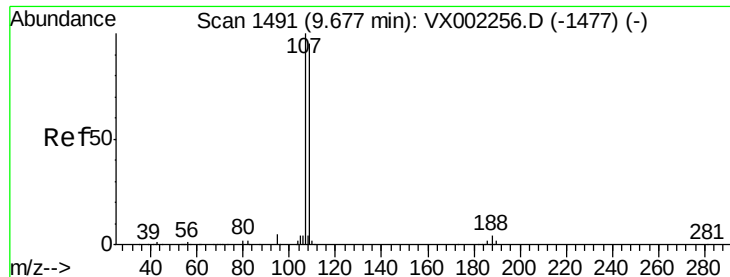
Tot Ion: 43 Resp: 1039388
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6



#60
Dibromochloromethane
Concen: 52.17 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 129 Resp: 182778
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.35 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

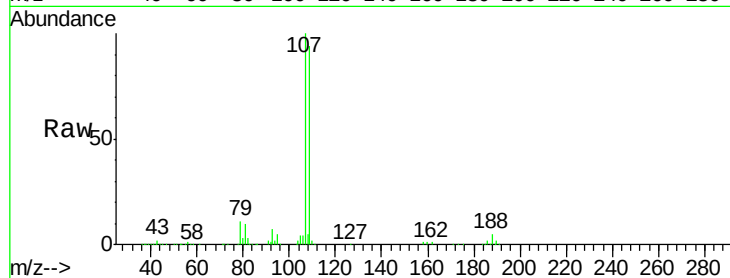
ClientSampled :

Tot Ion:107 Resp: 182877

Ion Ratio Lower Upper

107 100

109 94.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

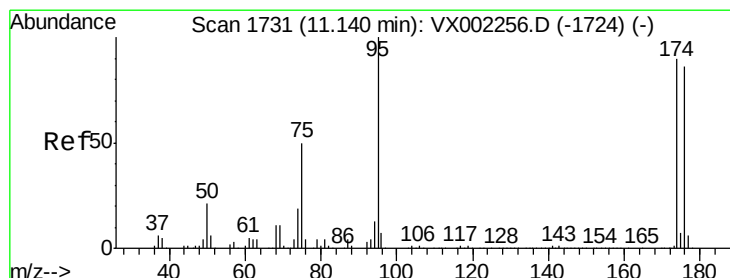
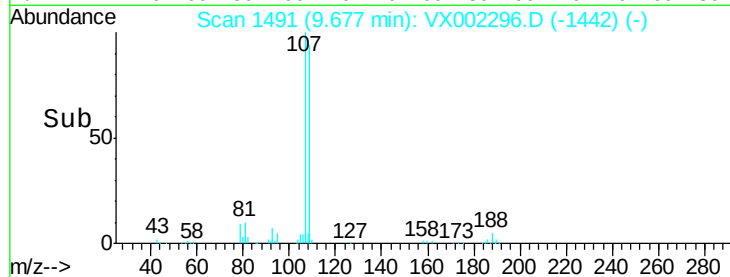
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

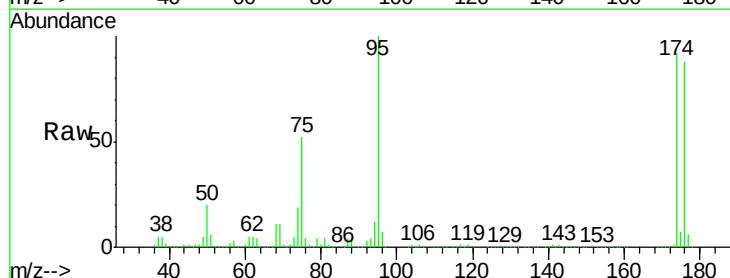
Tgt Ion: 95 Resp: 238416

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

176 92.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

250000

200000

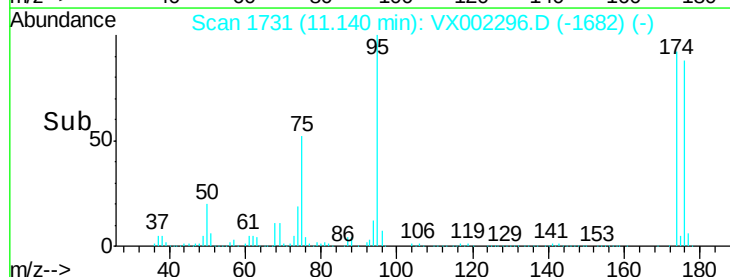
150000

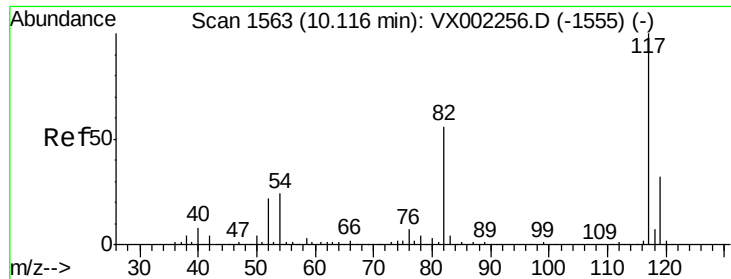
100000

50000

0

Time-->

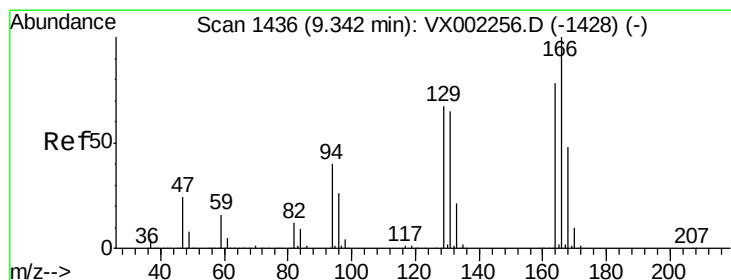
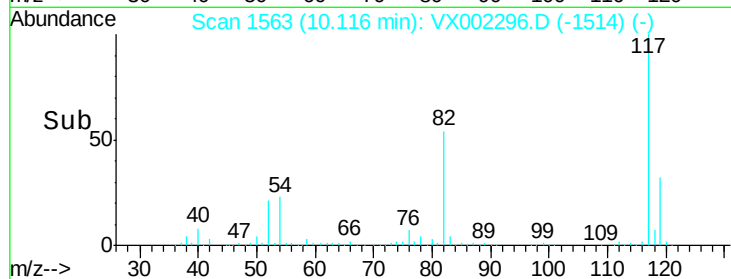
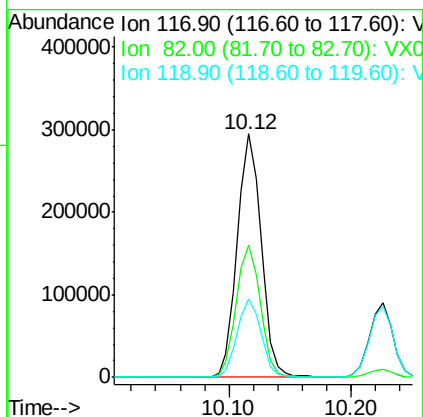
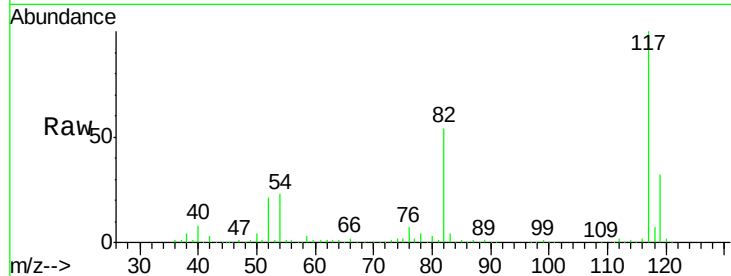




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

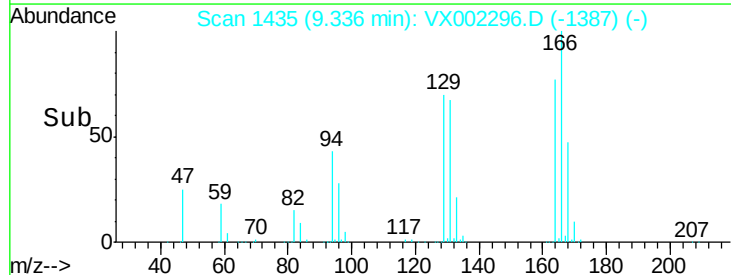
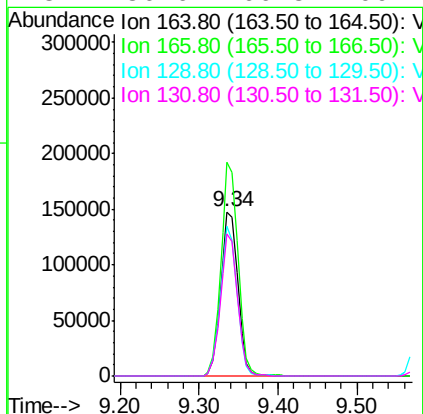
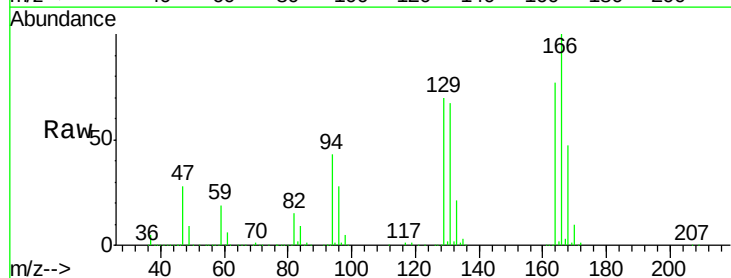
Instrument :
MSVOA_X
ClientSampled :

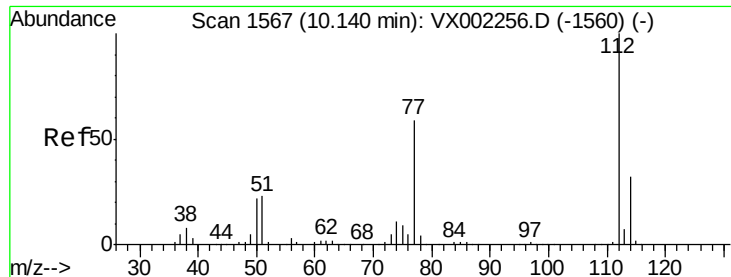
Tot Ion:117 Resp: 399664
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 54.22 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion:164 Resp: 223484
Ion Ratio Lower Upper
164 100
166 130.0 102.9 154.3
129 90.9 68.6 102.8
131 86.6 66.8 100.2





#65

Chlorobenzene

Concen: 51.09 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

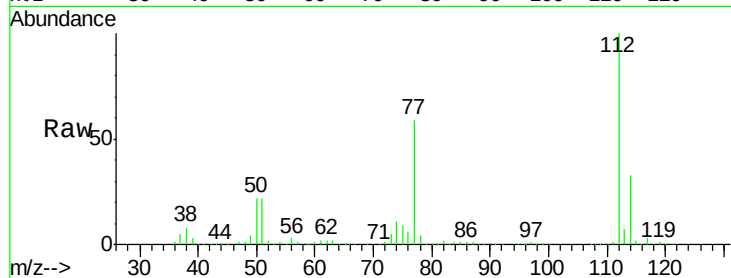
ClientSampleId :

Tot Ion:112 Resp: 508120

Ion Ratio Lower Upper

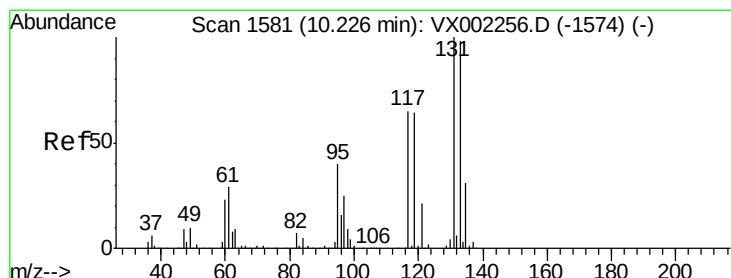
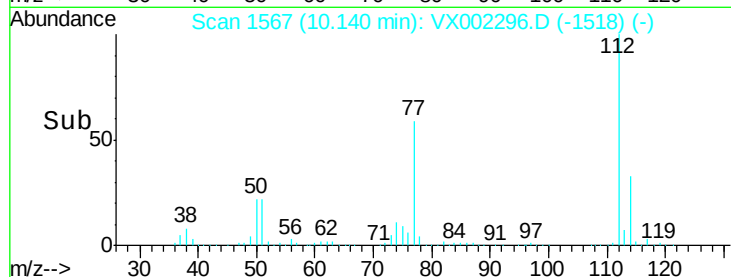
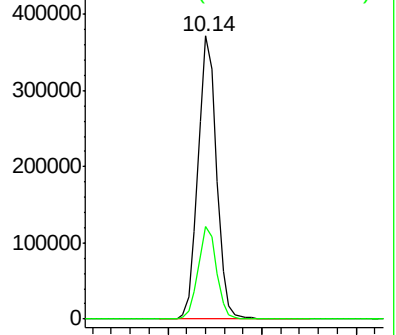
112 100

114 32.6 25.3 37.9



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: 51.13 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

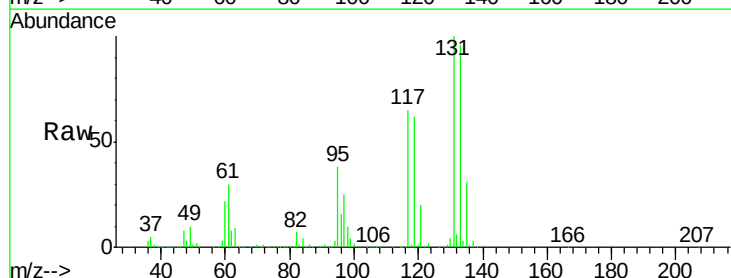
Tgt Ion:131 Resp: 184118

Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.6

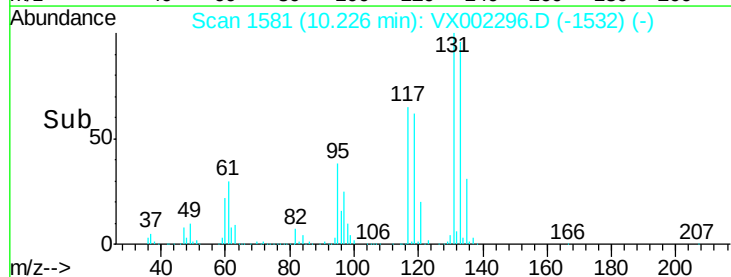
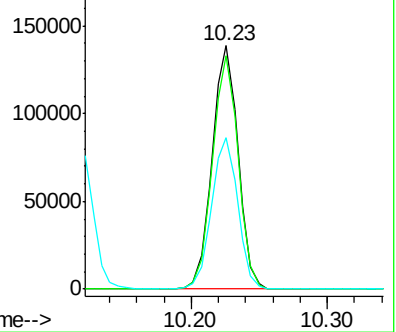
119 63.0 31.8 95.3

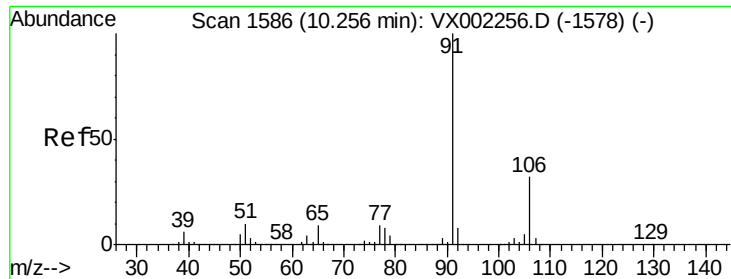


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

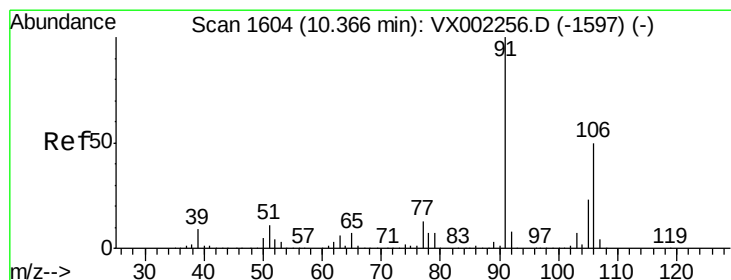
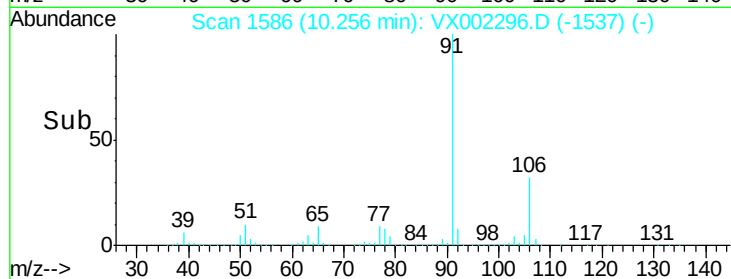
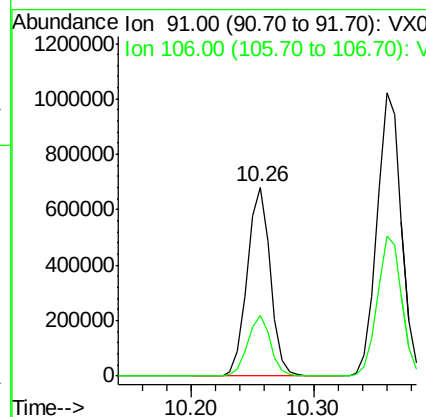
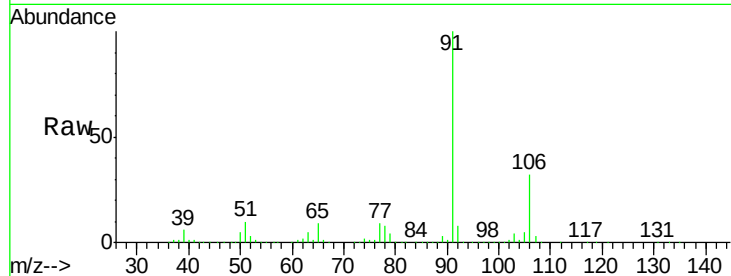




#67
Ethyl Benzene
Concen: 53.51 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

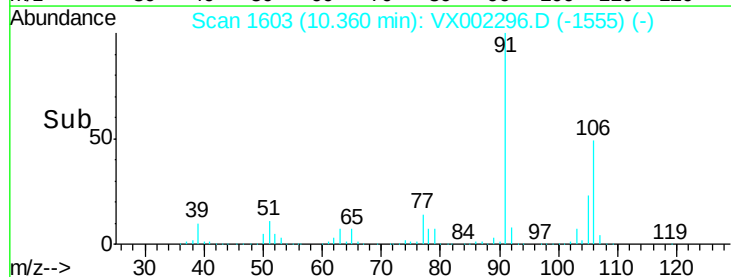
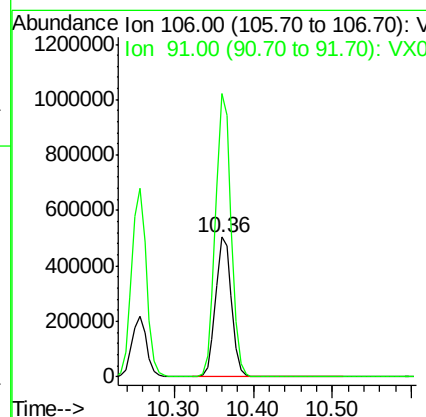
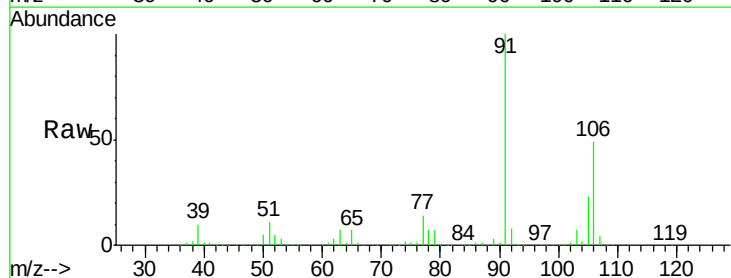
Instrument :
MSVOA_X
ClientSampled :

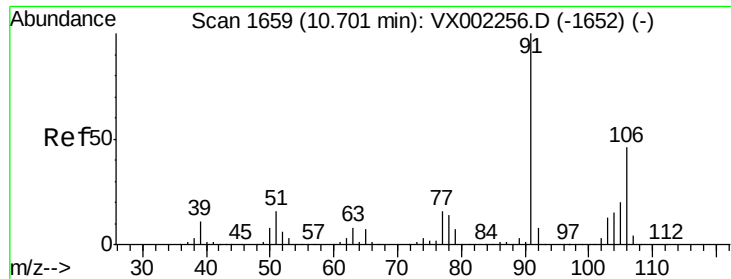
Tot Ion: 91 Resp: 890551
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 108.17 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 106 Resp: 699829
Ion Ratio Lower Upper
106 100
91 201.5 163.4 245.2

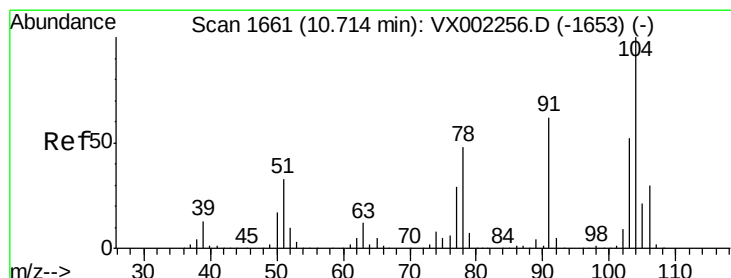
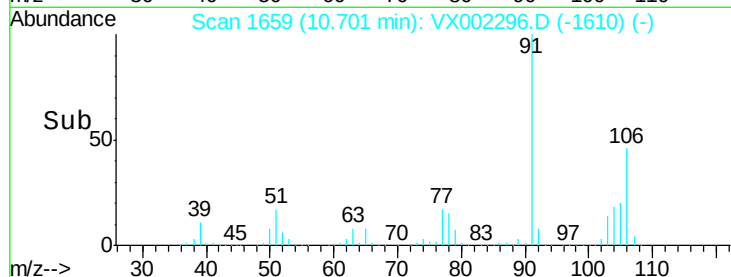
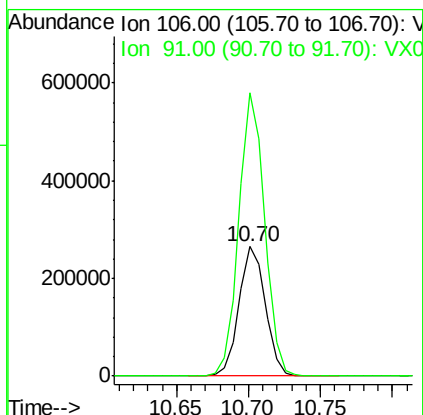
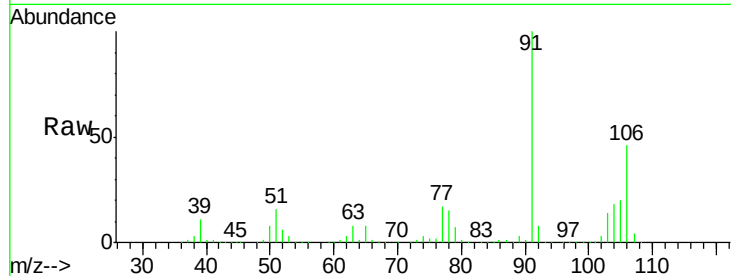




#69
o-Xylene
Concen: 52.27 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

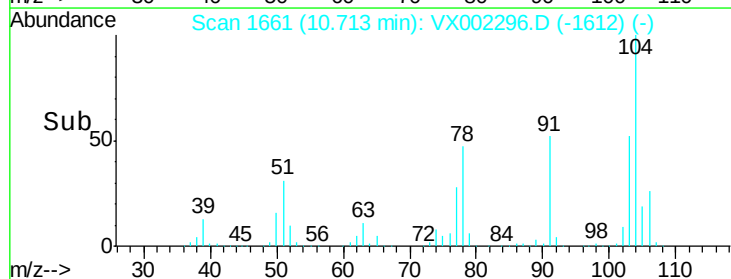
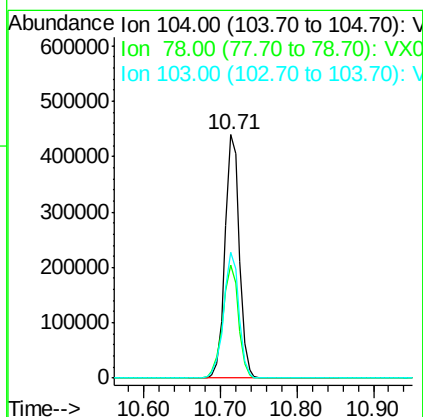
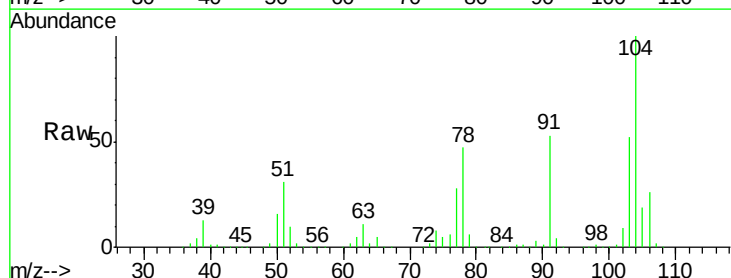
Instrument :
MSVOA_X
ClientSampleId :

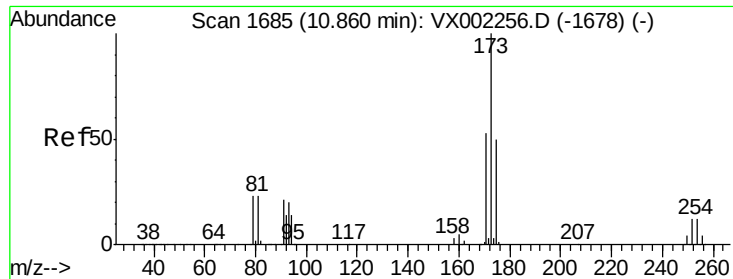
Tot Ion:106 Resp: 336525
Ion Ratio Lower Upper
106 100
91 214.9 108.2 324.6



#70
Styrene
Concen: 54.09 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion:104 Resp: 569302
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 44.29 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampled :

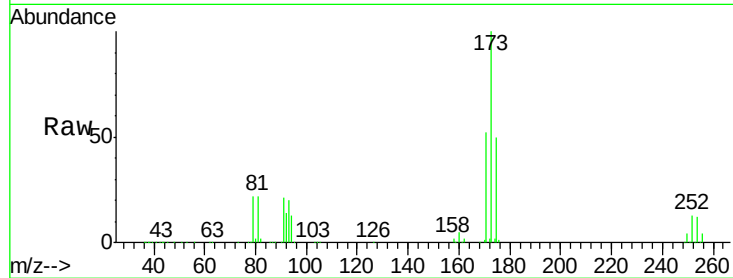
Tot Ion:173 Resp: 141458

Ion Ratio Lower Upper

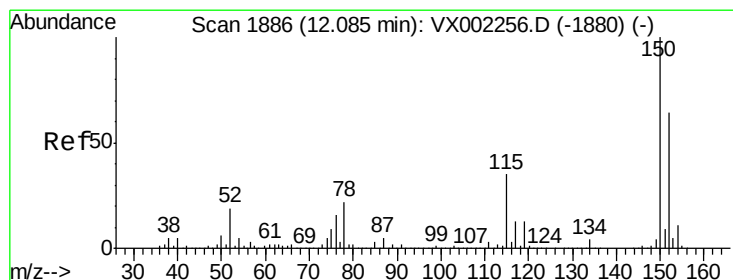
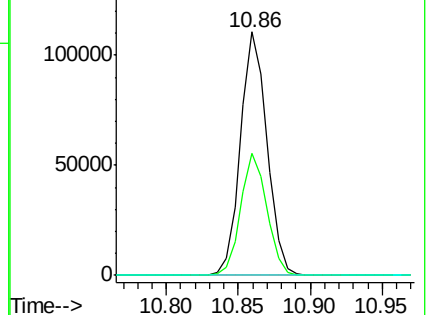
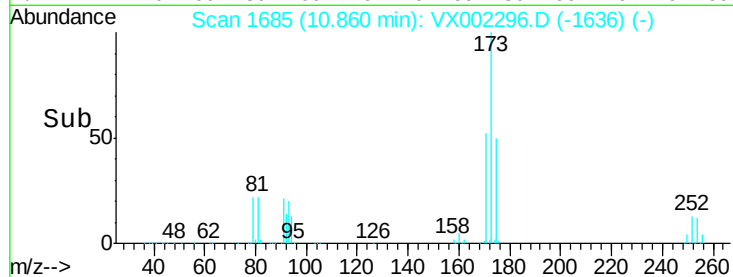
173 100

175 49.6 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

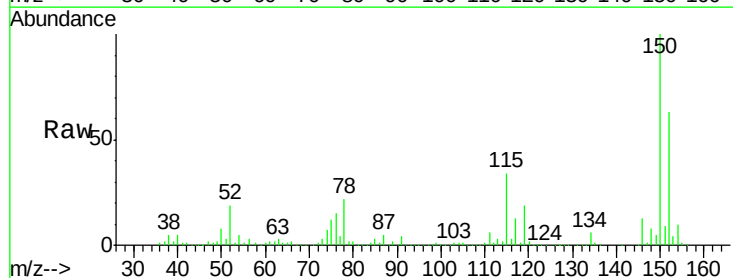
Tgt Ion:152 Resp: 265984

Ion Ratio Lower Upper

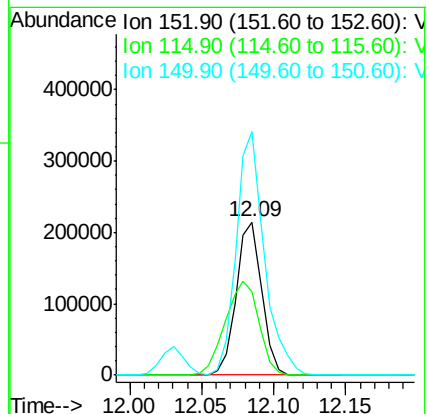
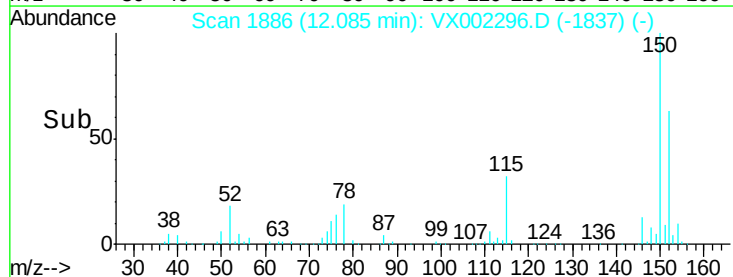
152 100

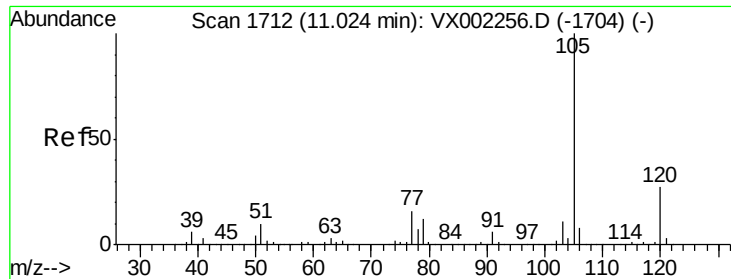
115 80.8 40.1 120.2

150 174.8 0.0 347.2



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: 50.88 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

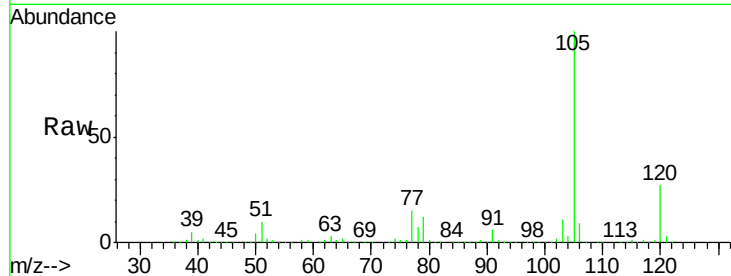
ClientSampleId :

Tot Ion:105 Resp: 941498

Ion Ratio Lower Upper

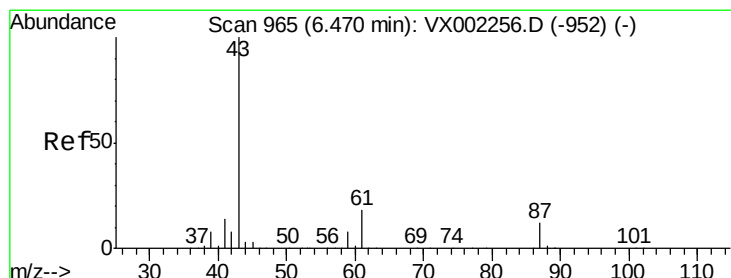
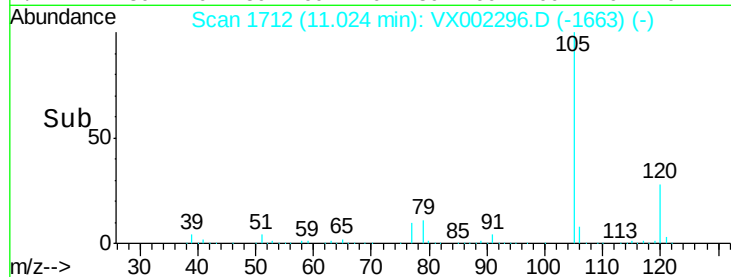
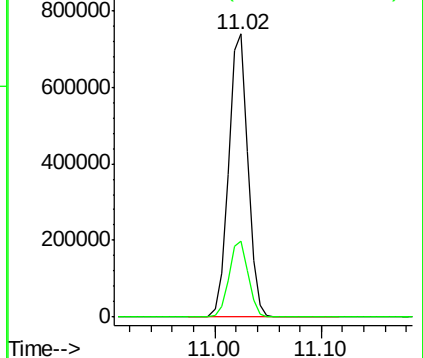
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.09 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Tgt Ion: 43 Resp: 409660

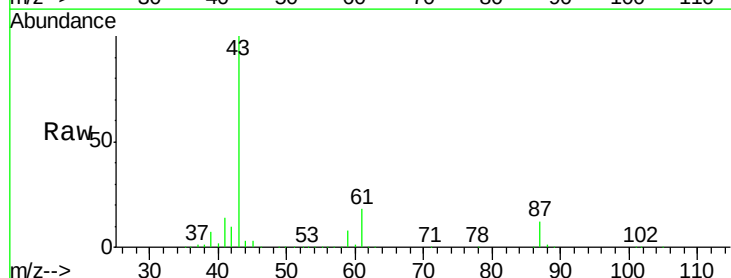
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6

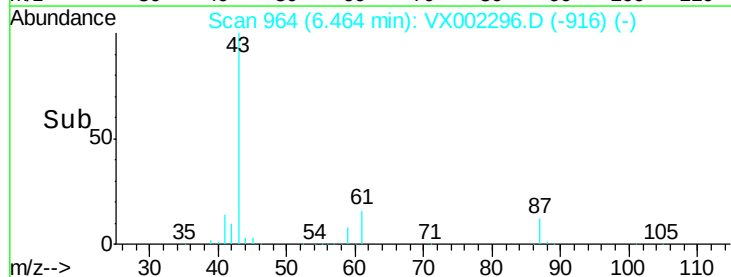
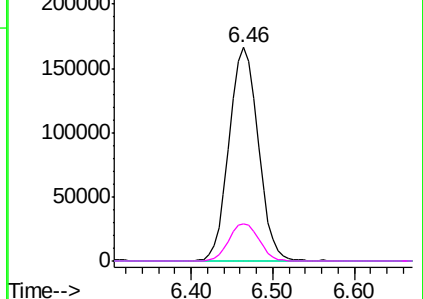


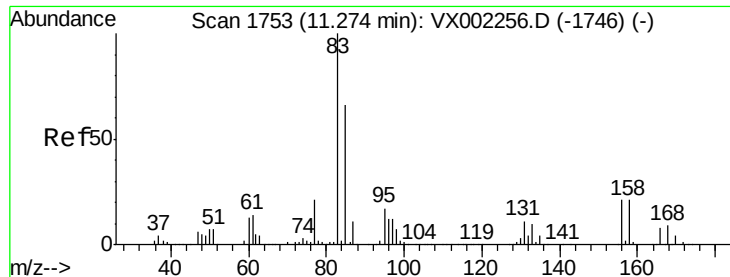
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.71 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampled :

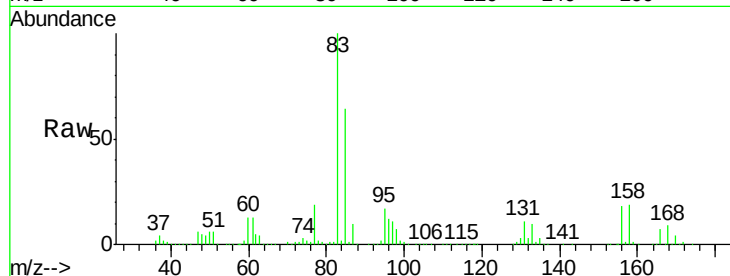
Tot Ion: 83 Resp: 248572

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

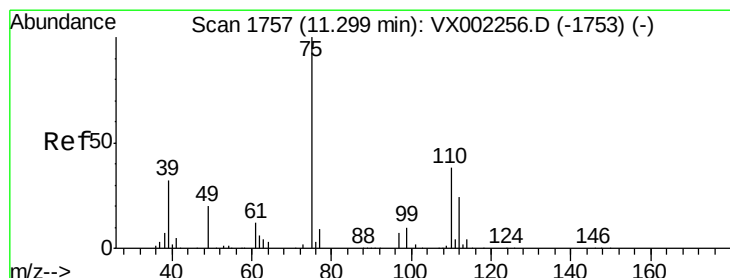
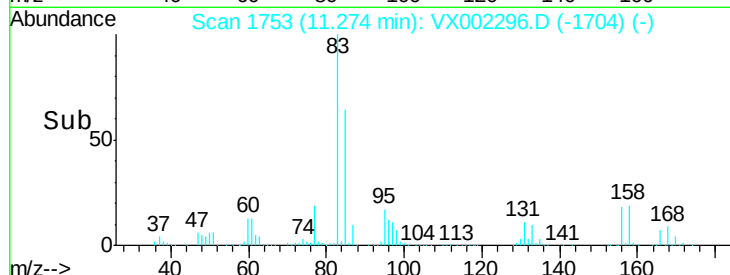
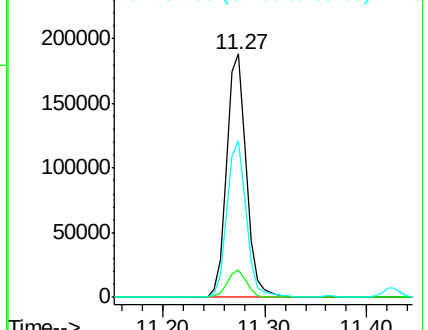
85 63.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.93 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002296.D

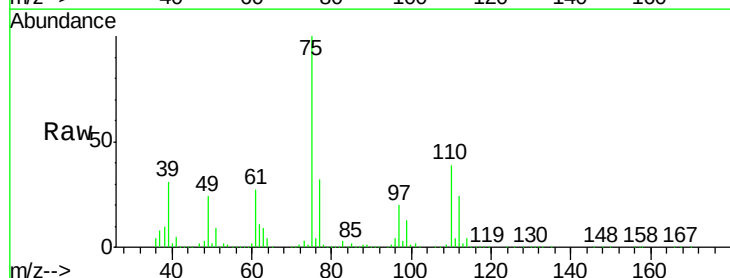
Acq: 05 Jun 2018 10:23

Tgt Ion: 75 Resp: 303061

Ion Ratio Lower Upper

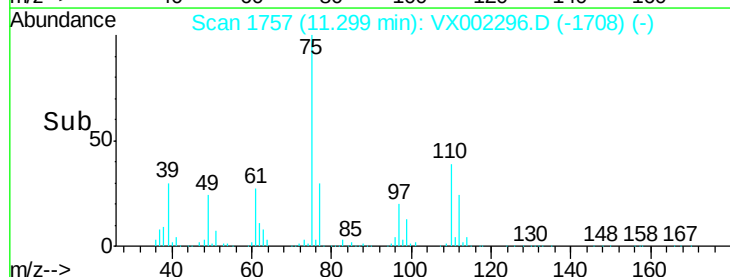
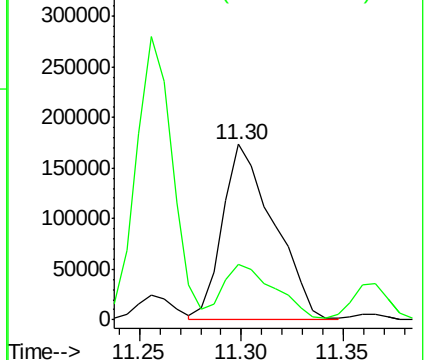
75 100

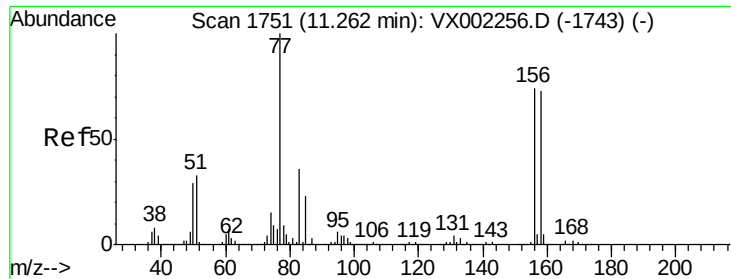
77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.48 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampled :

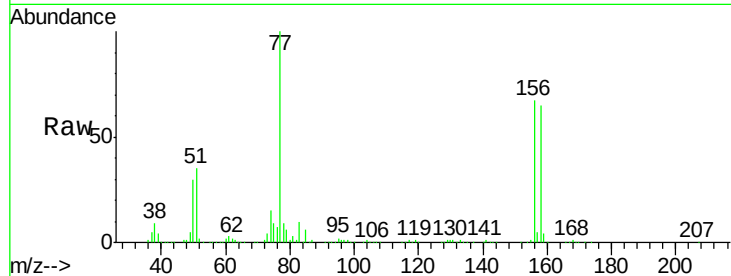
Tot Ion:156 Resp: 246650

Ion Ratio Lower Upper

156 100

77 140.6 71.4 214.2

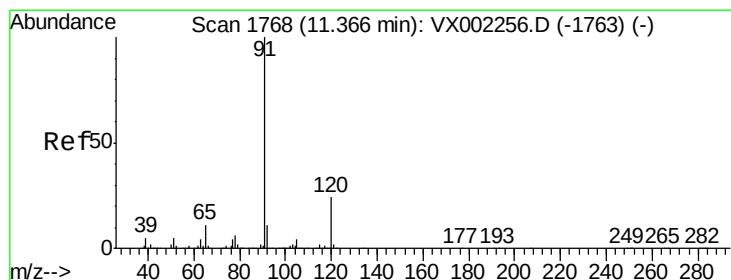
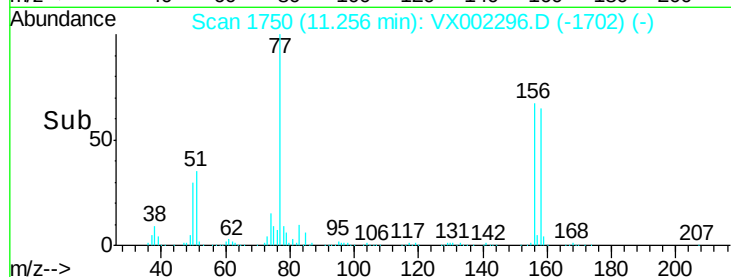
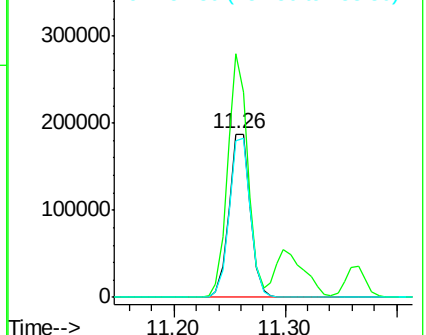
158 96.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002296.D

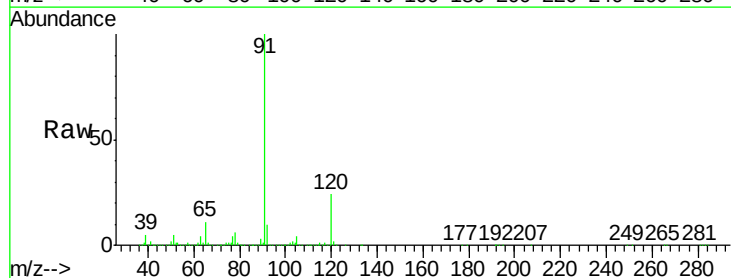
Acq: 05 Jun 2018 10:23

Tgt Ion: 91 Resp: 1091314

Ion Ratio Lower Upper

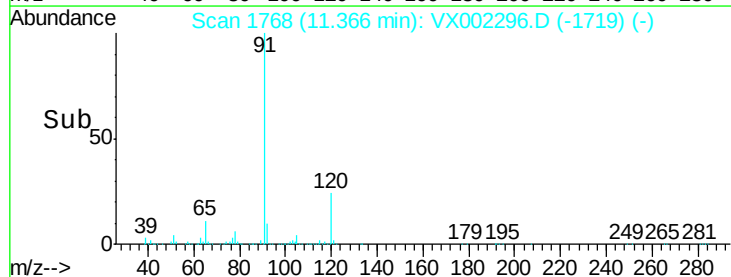
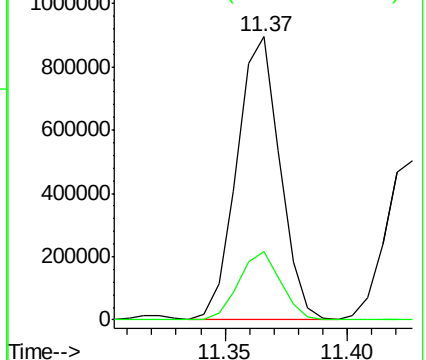
91 100

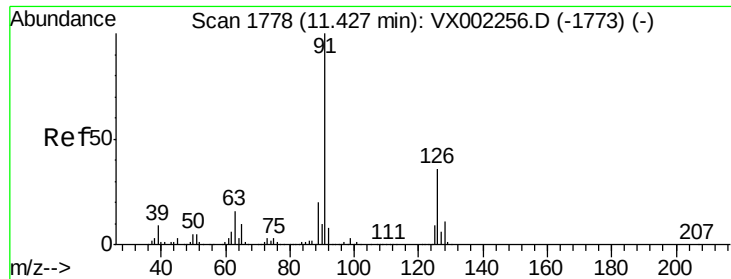
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

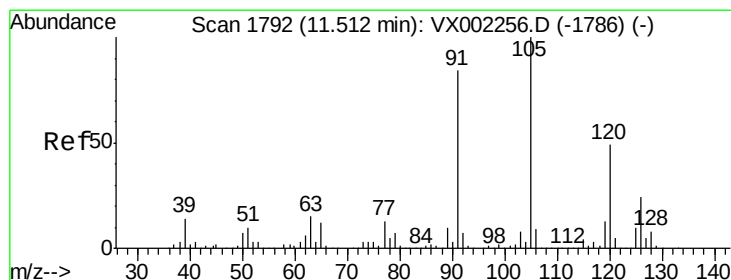
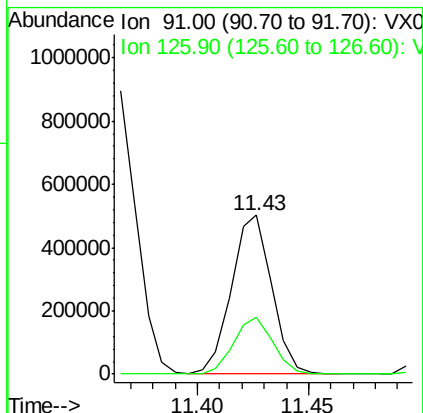
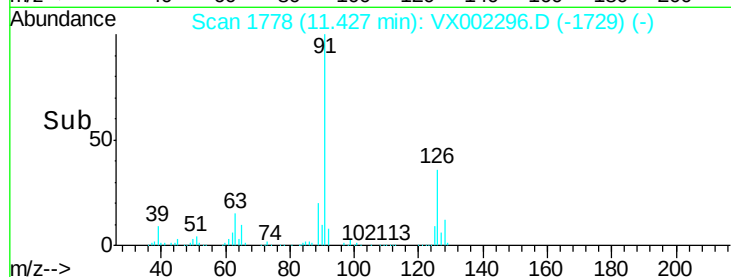
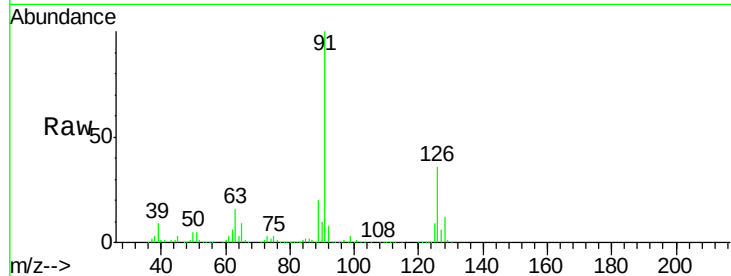
ClientSampled :

Tot Ion: 91 Resp: 626162

Ion Ratio Lower Upper

91 100

126 35.5 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 50.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002296.D

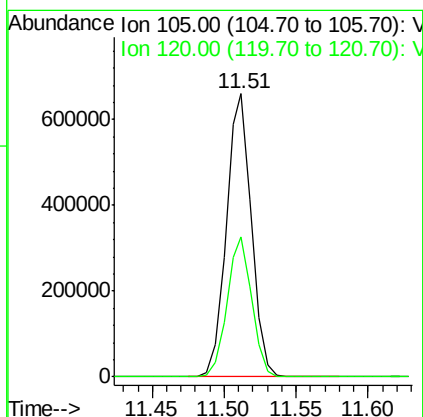
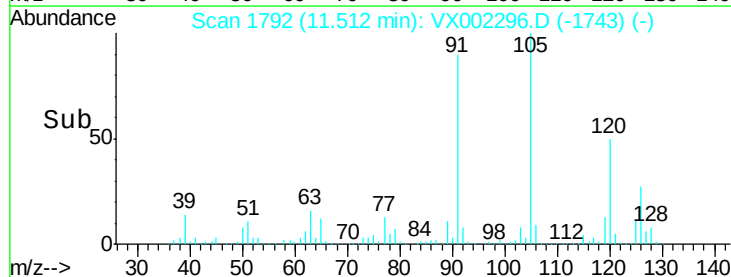
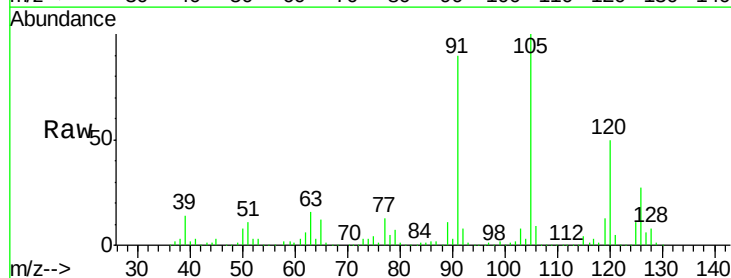
Acq: 05 Jun 2018 10:23

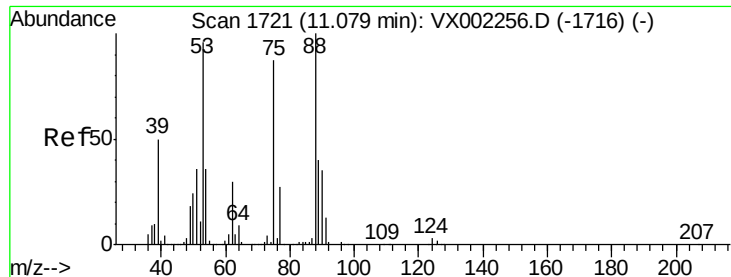
Tgt Ion:105 Resp: 805011

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4

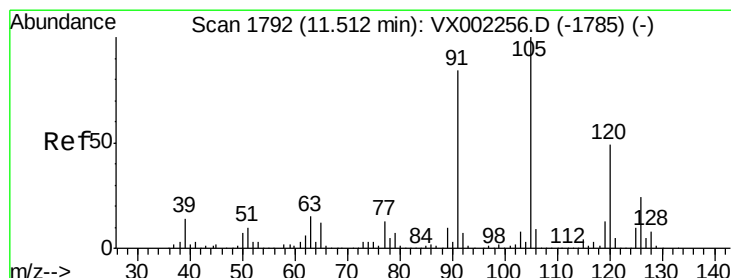
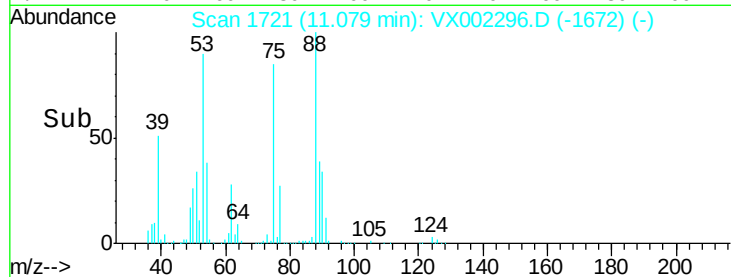
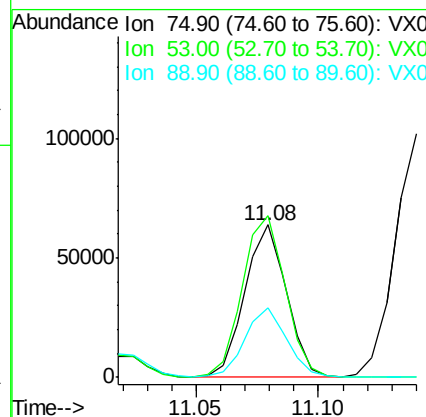
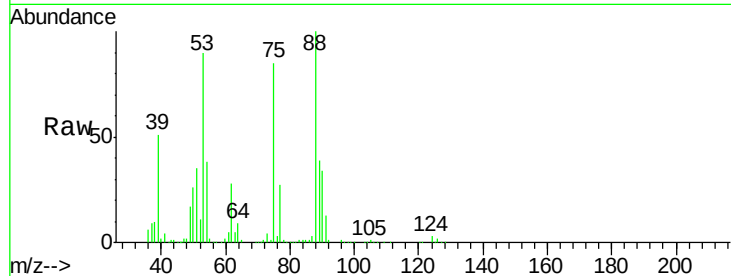




#81
trans-1,4-Dichloro-2-butene
Concen: 45.32 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

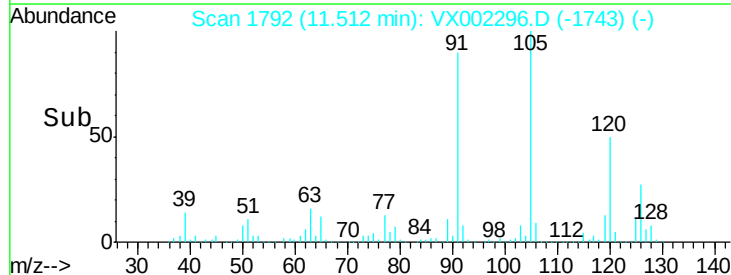
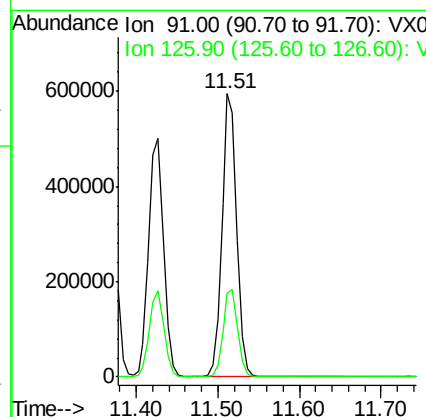
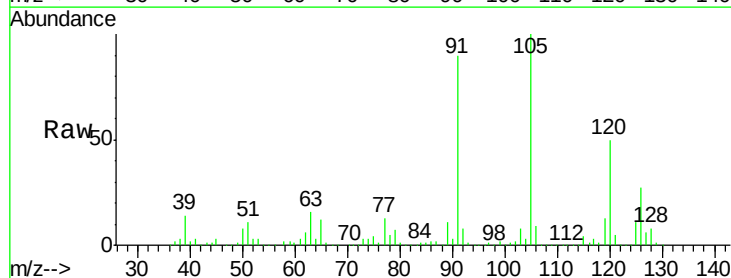
Instrument :
MSVOA_X
ClientSampled :

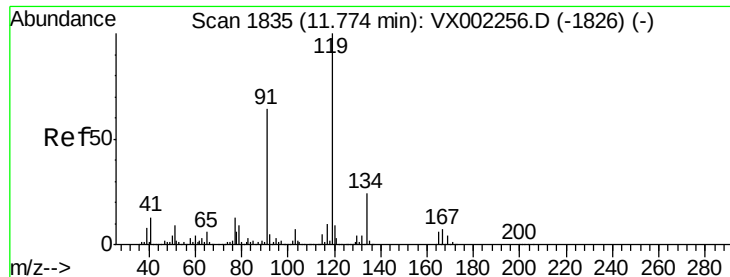
Tot Ion: 75 Resp: 75456
Ion Ratio Lower Upper
75 100
53 109.8 86.8 130.2
89 46.0 38.2 57.2



#82
4-Chlorotoluene
Concen: 50.35 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion: 91 Resp: 754662
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4

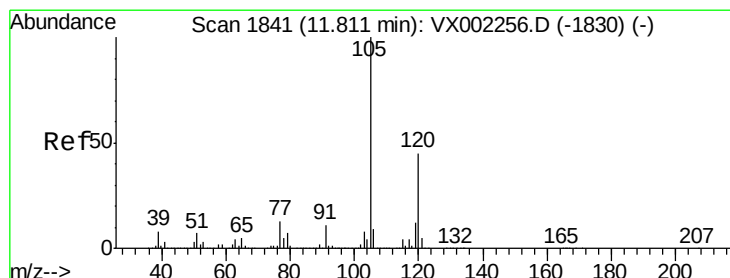
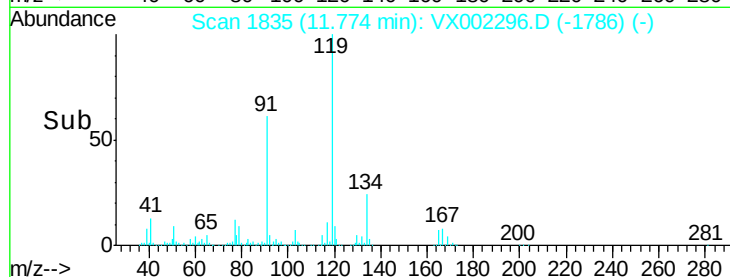
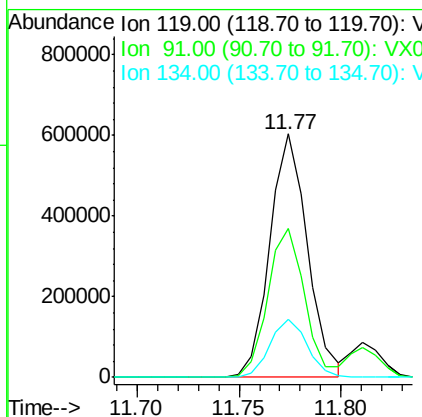
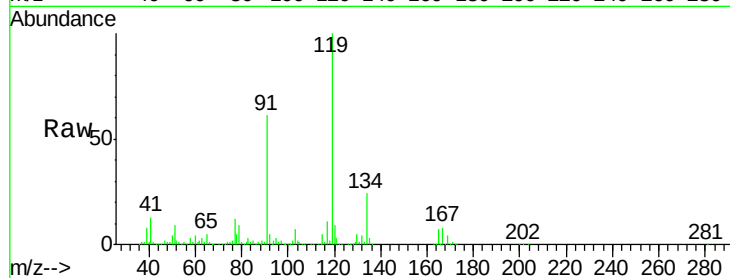




#83
 tert-Butylbenzene
 Concen: 50.12 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

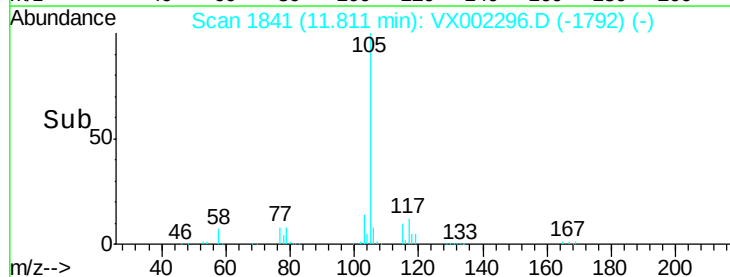
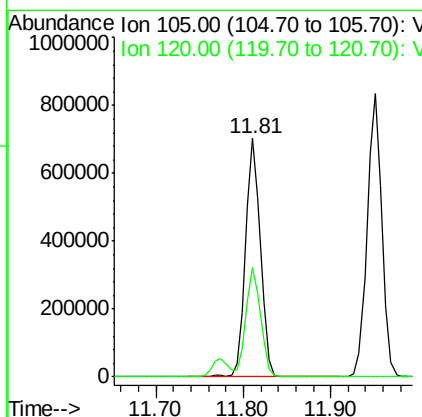
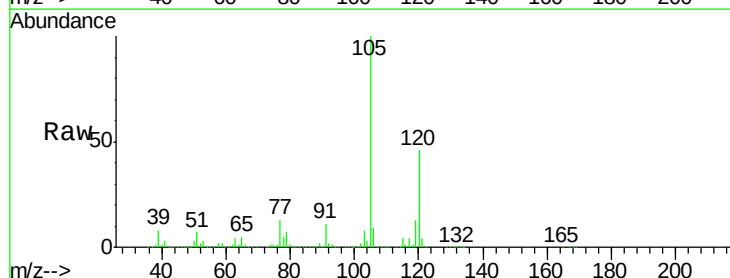
Instrument :
 MSVOA_X
 ClientSampled :

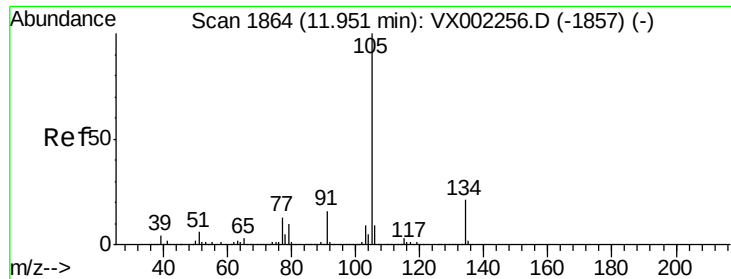
Tot Ion:119 Resp: 774573
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.77 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion:105 Resp: 829450
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 54.38 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

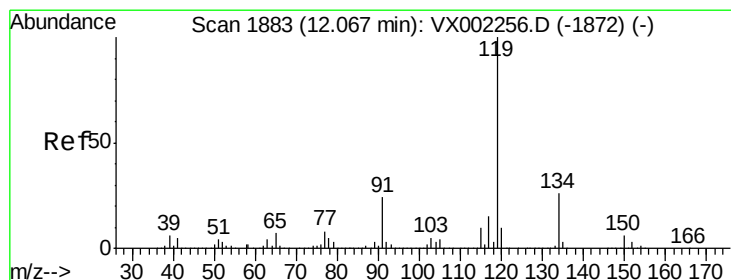
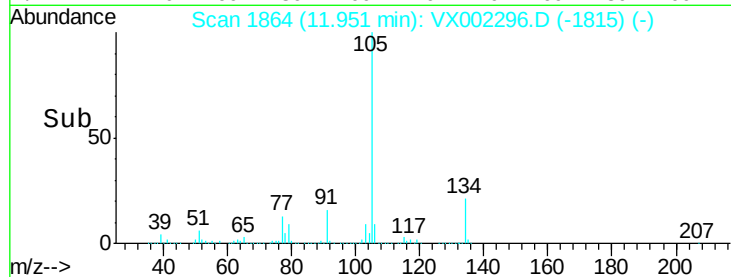
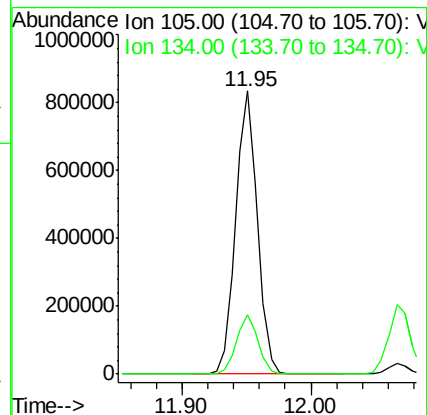
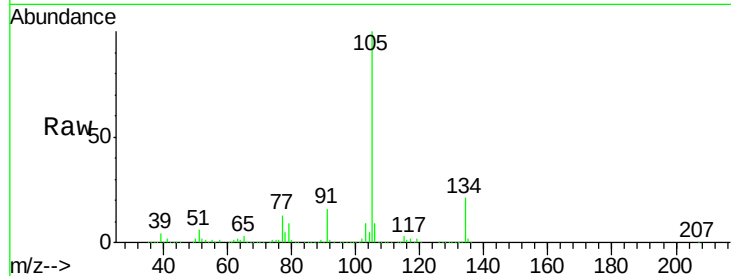
ClientSampleId :

Tot Ion:105 Resp: 985225

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.57 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

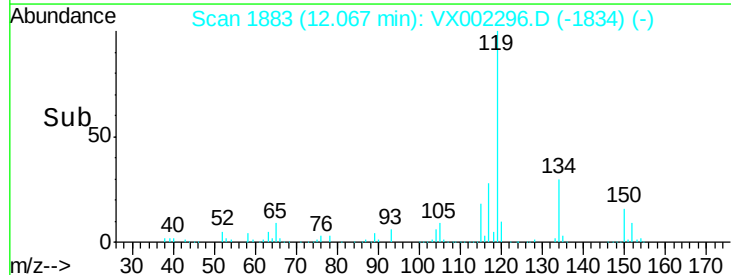
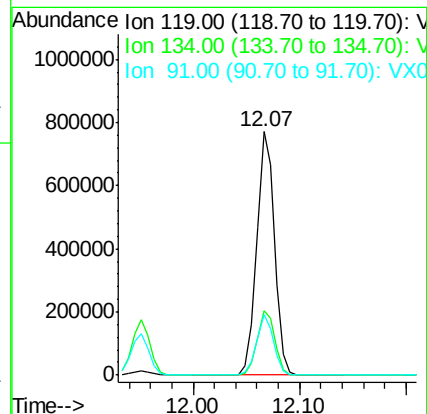
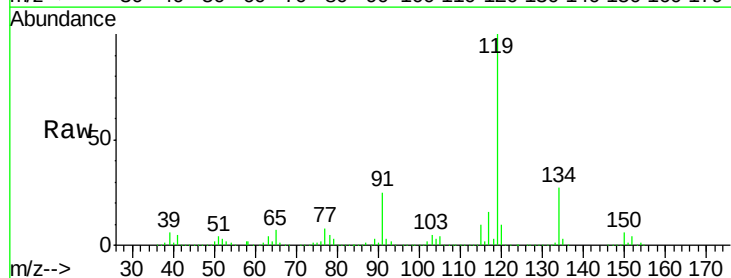
Tgt Ion:119 Resp: 900637

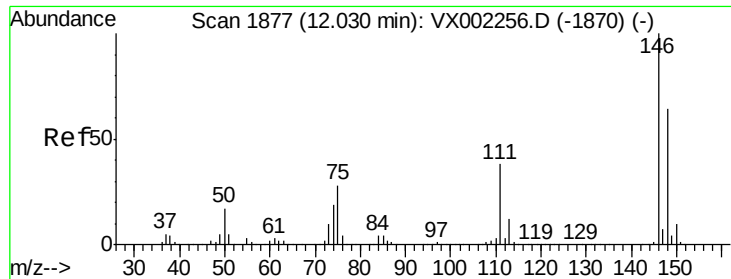
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 24.0 11.9 35.7

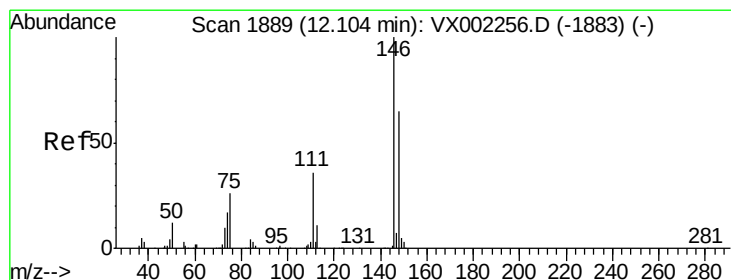
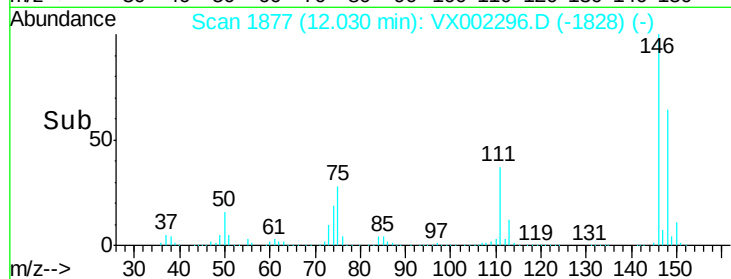
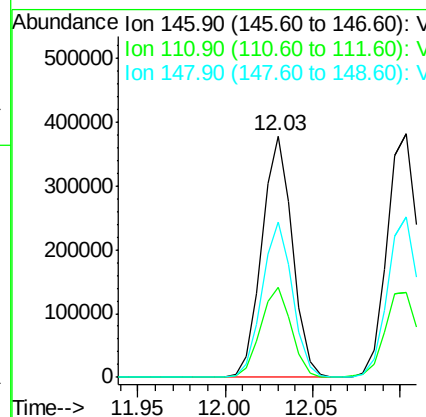
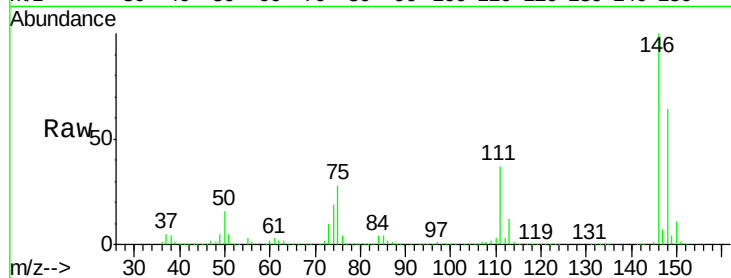




#87
 1,3-Dichlorobenzene
 Concen: 49.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

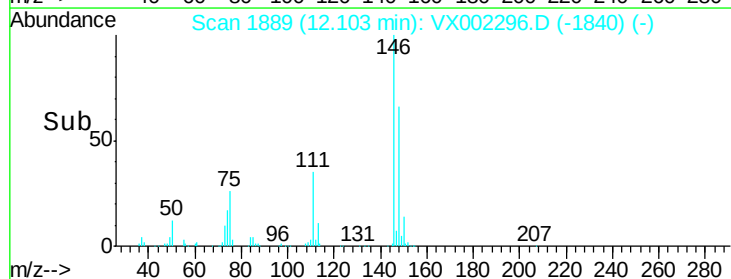
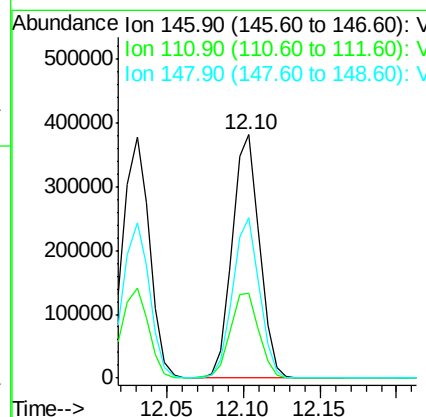
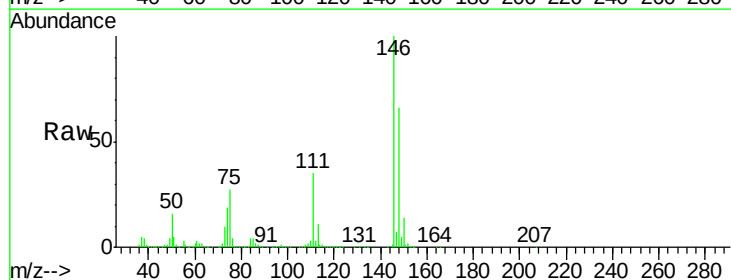
Instrument :
 MSVOA_X
 ClientSampled :

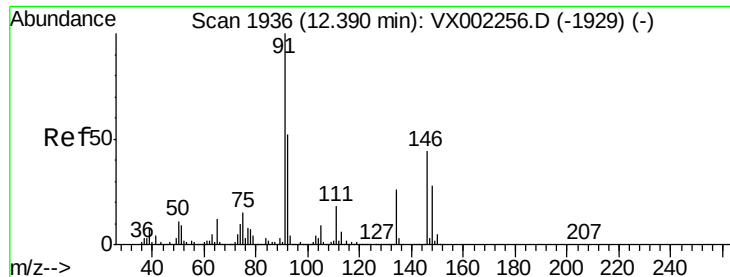
Tot Ion:146 Resp: 464210
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.41 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion:146 Resp: 472994
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.7 56.1
 148 64.7 32.4 97.0





#89

n-Butylbenzene

Concen: 58.42 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002296.D

Acq: 05 Jun 2018 10:23

Instrument :

MSVOA_X

ClientSampleId :

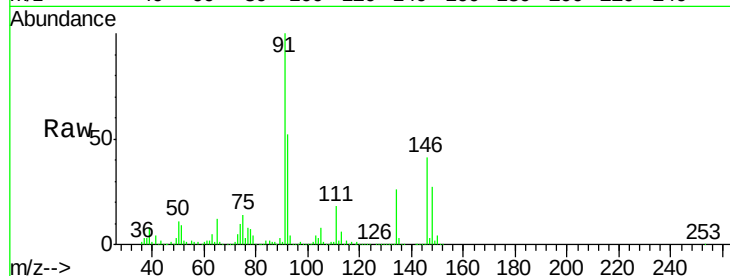
Tot Ion: 91 Resp: 808589

Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.0	78.0
134	27.3	13.5	40.5

91 100

92 51.9 26.0 78.0

134 27.3 13.5 40.5

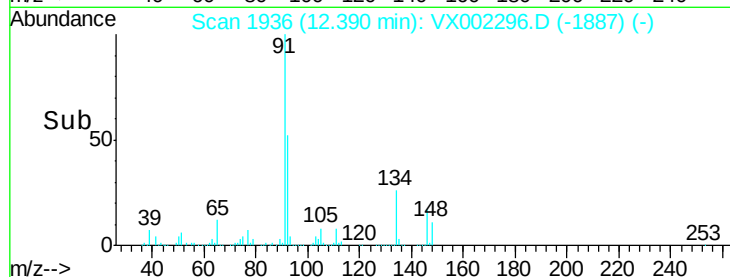


Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002256.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002256.D (-1929) (-)

Time-->

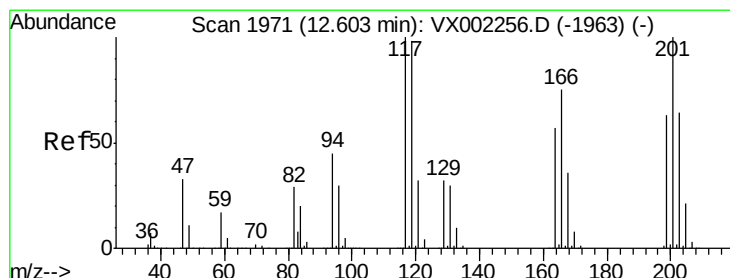


Abundance Ion 91.00 (90.70 to 91.70): VX002296.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002296.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002296.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 50.04 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002296.D

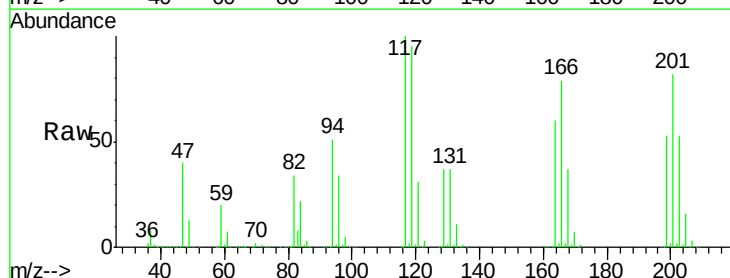
Acq: 05 Jun 2018 10:23

Tgt Ion: 117 Resp: 131824

Ion	Ratio	Lower	Upper
117	100		
201	96.8	49.0	147.0

117 100

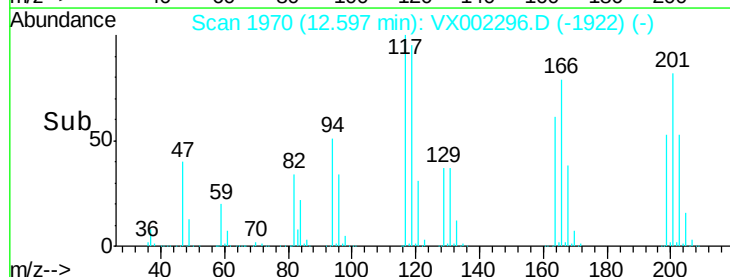
201 96.8 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX002256.D (-1963) (-)

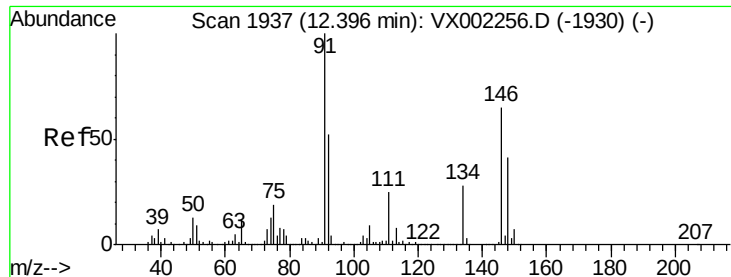
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX002296.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX002296.D (-1922) (-)

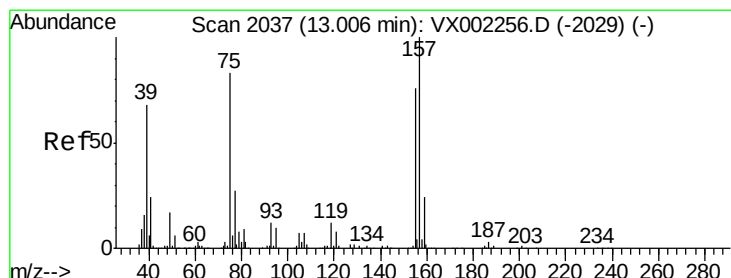
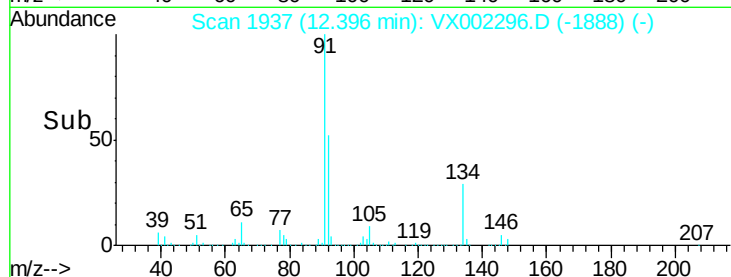
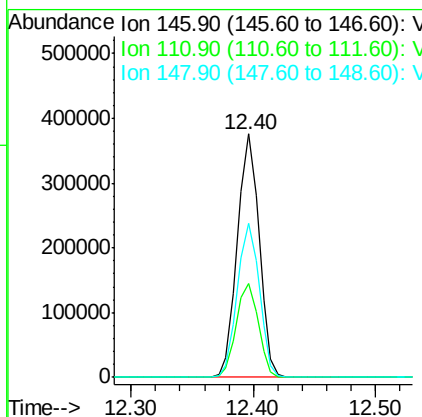
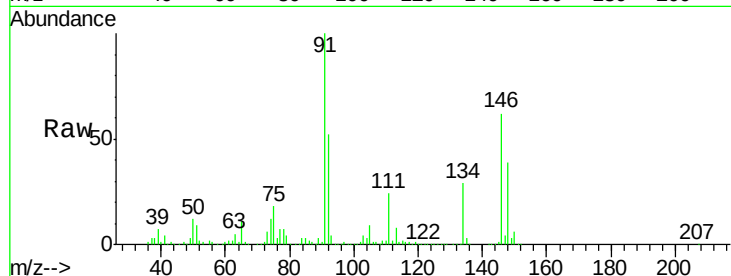
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 48.18 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

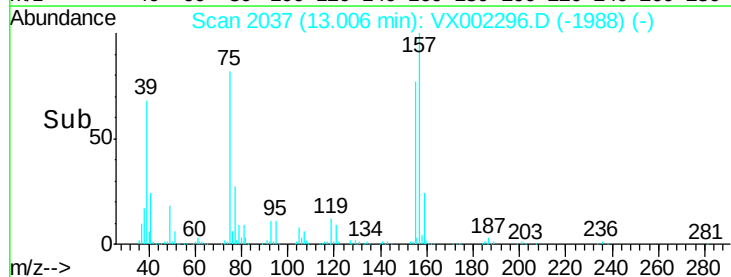
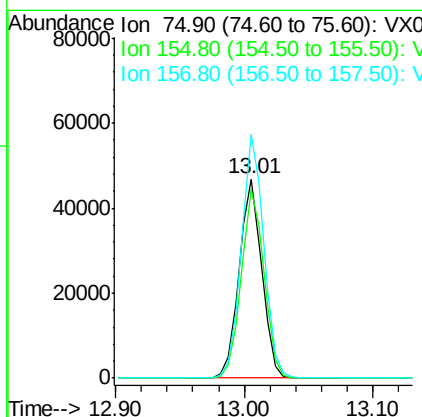
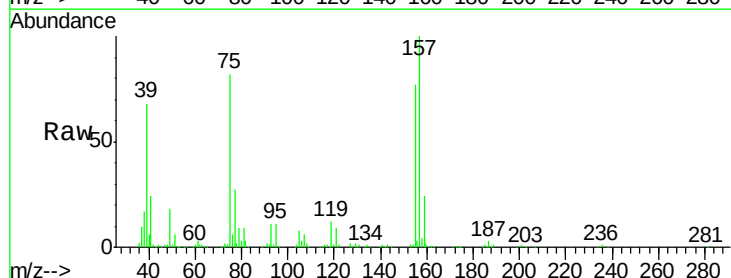
Instrument :
 MSVOA_X
 ClientSampled :

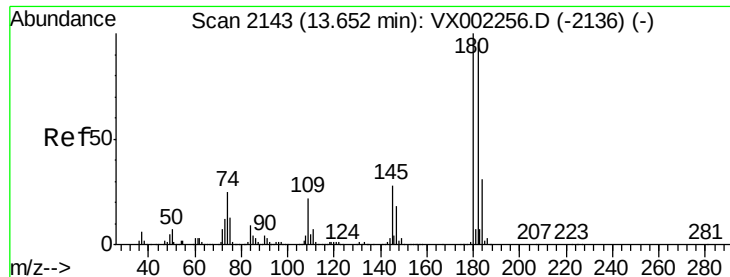
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.1
148	64.1	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.68 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	45.8	137.4
157	120.7	60.1	180.3

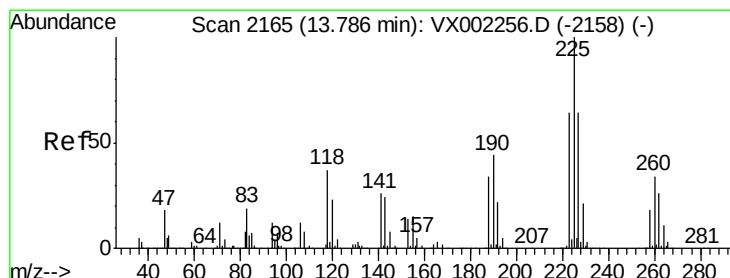
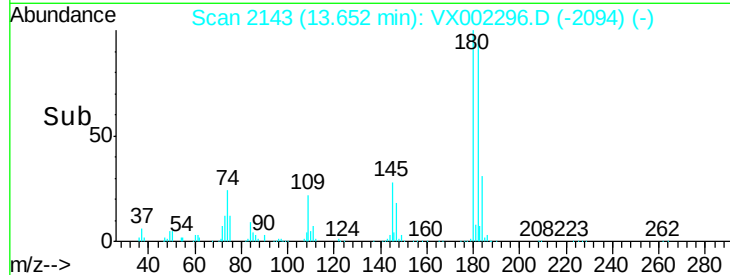
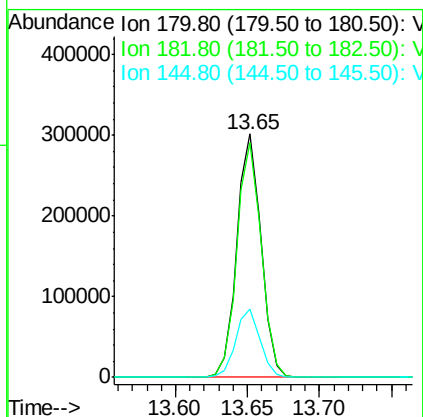
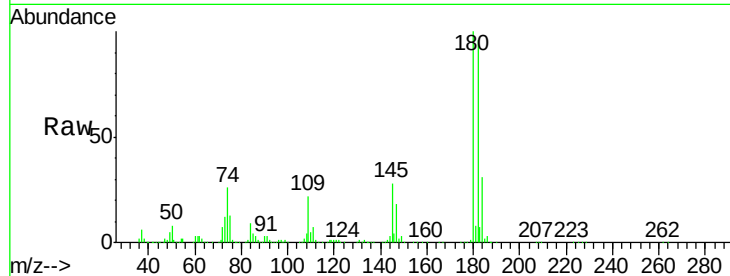




#93
 1,2,4-Trichlorobenzene
 Concen: 52.55 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

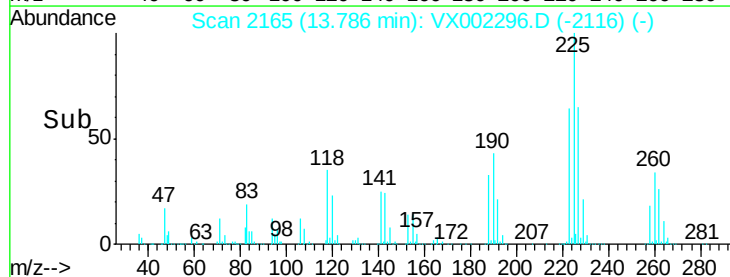
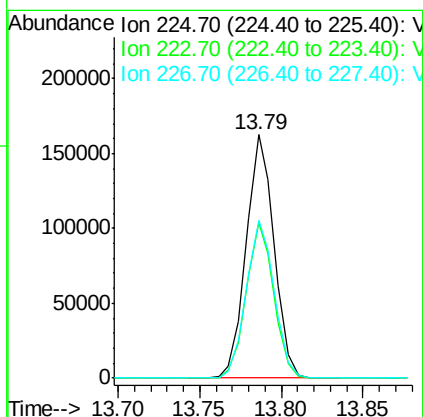
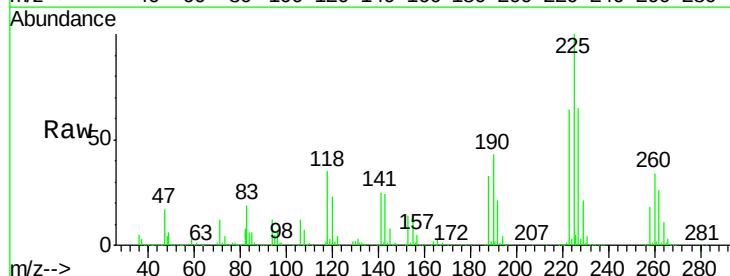
Instrument :
 MSVOA_X
 ClientSampleId :

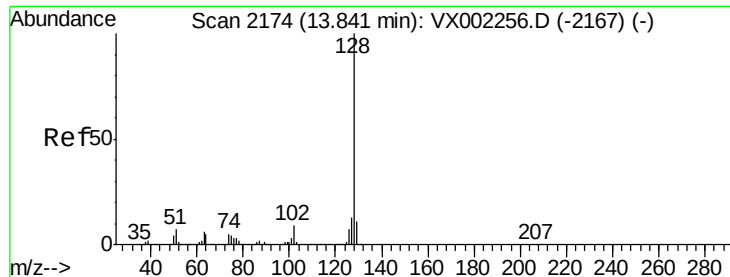
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.7	143.1
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 58.26 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002296.D
 Acq: 05 Jun 2018 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	65.0	32.4	97.2

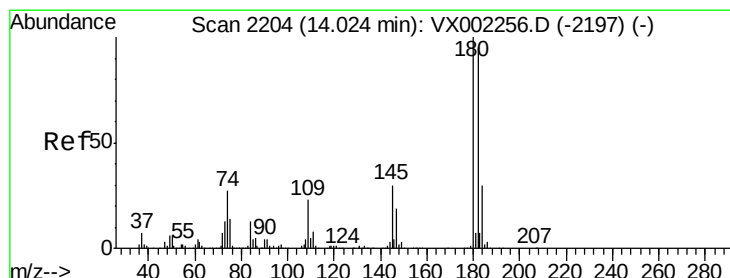
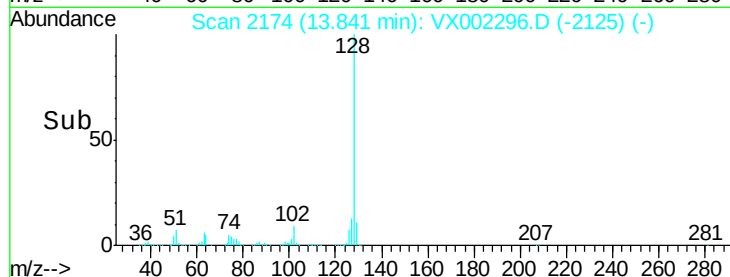
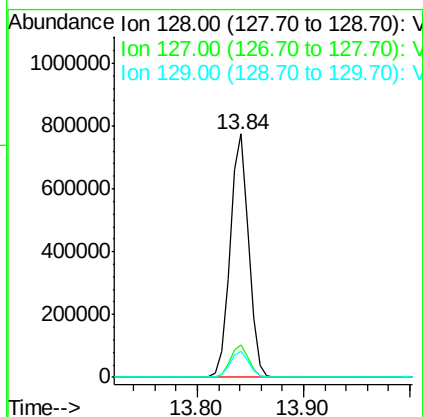
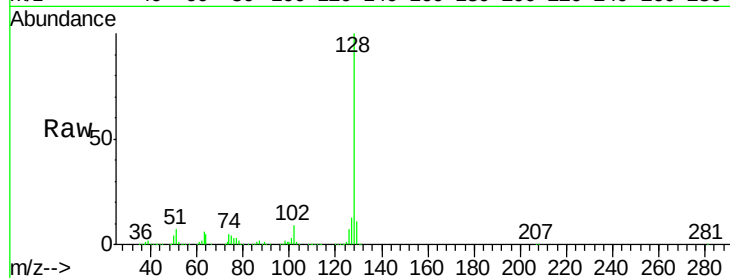




#95
Naphthalene
Concen: 48.55 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 939853
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.47 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002296.D
Acq: 05 Jun 2018 10:23

Tgt Ion:180 Resp: 353730
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 30.0 14.8 44.3

