

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002433.D
 Acq On : 09 Jun 2018 20:36
 Operator : JC/MD
 Sample : J3394-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 04:10:49 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	221834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183705	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	157276	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.10%		
35) Dibromofluoromethane	5.51	113	118946	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.74%		
50) Toluene-d8	8.72	98	479691	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.48%		
62) 4-Bromofluorobenzene	11.14	95	189330	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.72%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	623	Below Cal	#	83
5) Bromomethane	1.65	94	1216	Below Cal		85
8) Diethyl Ether	2.34	74	50	Below Cal		79
10) Methyl Iodide	2.51	142	1073	0.32	ug/l #	86
11) Tert butyl alcohol	3.10	59	325	Below Cal	#	73
13) Acrolein	2.39	56	10053	23.06	ug/l #	78
14) Allyl chloride	2.84	41	44694	8.72	ug/l #	65
15) Acrylonitrile	3.17	53	3085	Below Cal	#	41
16) Acetone	2.45	43	3395	Below Cal		99
18) Methyl Acetate	2.84	43	101825	31.02	ug/l #	55
19) Methyl tert-butyl Ether	3.22	73	331	Below Cal	#	1
20) Methylene Chloride	2.86	84	764	Below Cal	#	1
22) Diisopropyl ether	3.88	45	173	Below Cal	#	35
24) 1,1-Dichloroethane	3.70	63	4429	0.87	ug/l #	92
25) 2-Butanone	4.73	43	888	0.41	ug/l	99
28) Bromochloromethane	5.04	49	19	Below Cal	#	13
30) Chloroform	5.28	83	6192	1.27	ug/l #	41
31) Cyclohexane	5.73	56	96070	23.99	ug/l #	21
36) 1,1-Dichloropropene	5.67	75	16302	4.65	ug/l #	52
37) Ethyl Acetate	4.89	43	859	0.20	ug/l #	21
38) Carbon Tetrachloride	5.67	117	20479	5.59	ug/l #	15
39) Methylcyclohexane	7.45	83	32156	7.65	ug/l #	20
40) Benzene	6.15	78	20671	1.92	ug/l	93
41) Methacrylonitrile	5.01	41	860	0.36	ug/l #	80
43) Isopropyl Acetate	6.46	43	3688	0.52	ug/l #	64
44) Trichloroethene	7.22	130	2512	0.84	ug/l	91
45) 1,2-Dichloropropane	7.45	63	949	0.33	ug/l #	1
46) Dibromomethane	7.63	93	1364	0.69	ug/l #	1
47) Bromodichloromethane	7.85	83	6991	1.97	ug/l #	89
48) Methyl methacrylate	7.85	41	37769	10.50	ug/l	98
51) 4-Methyl-2-Pentanone	8.68	43	2661	0.60	ug/l #	65
55) 1,1,2-Trichloroethane	9.17	97	56943	20.26	ug/l #	18
56) Ethyl methacrylate	9.16	69	13251	2.95	ug/l #	1
60) Dibromochloromethane	9.34	129	1694	0.60	ug/l #	13

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

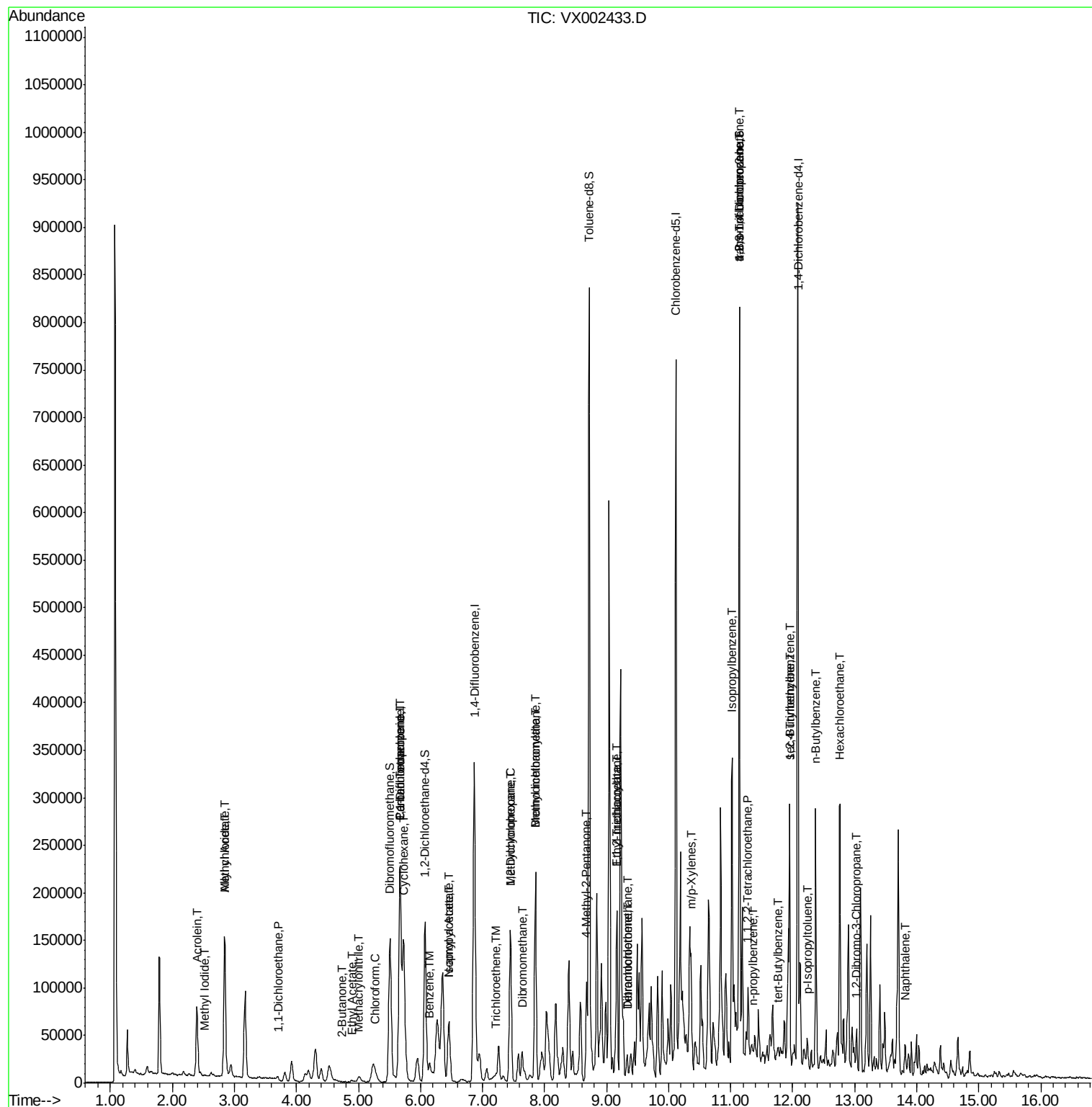
64) Tetrachloroethene	9.34	164	1727	0.53	ug/l #	88
68) m/p-Xylenes	10.37	106	1350	0.26	ug/l #	1
73) Isopropylbenzene	11.02	105	160445	12.55	ug/l	99
74) N-amyl acetate	6.46	43	3688	0.54	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	11.28	83	3477	0.87	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	96056	23.83	ug/l #	31
78) n-propylbenzene	11.37	91	2854	0.20	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	96056	83.53	ug/l #	6
83) tert-Butylbenzene	11.77	119	4836	0.45	ug/l	82
84) 1,2,4-Trimethylbenzene	11.95	105	130691	11.58	ug/l #	32
85) sec-Butylbenzene	11.95	105	130691	10.44	ug/l	95
86) p-Isopropyltoluene	12.24	119	9283	0.81	ug/l	93
89) n-Butylbenzene	12.37	91	19884	2.08	ug/l #	1
90) Hexachloroethane	12.76	117	120949	66.48	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	201	0.23	ug/l #	7
95) Naphthalene	13.82	128	3076	0.23	ug/l #	2

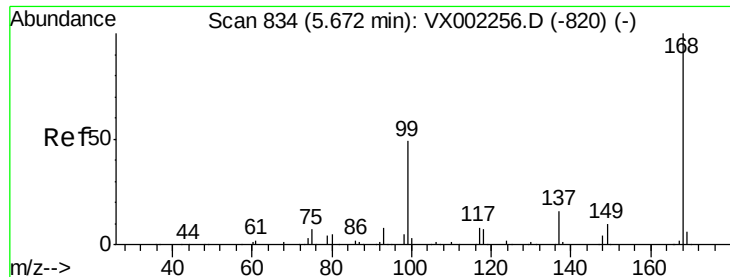
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

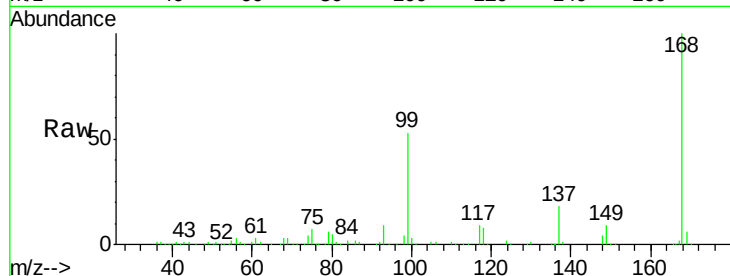
ClientSampled :

Tot Ion:168 Resp: 221834

Ion Ratio Lower Upper

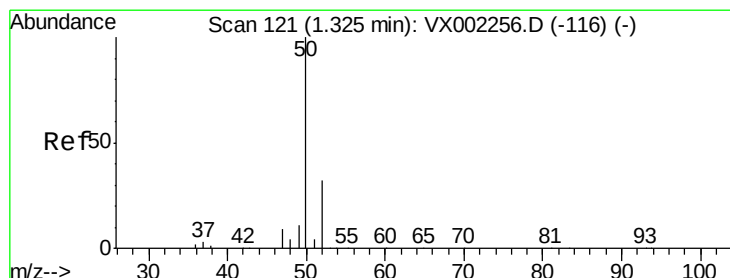
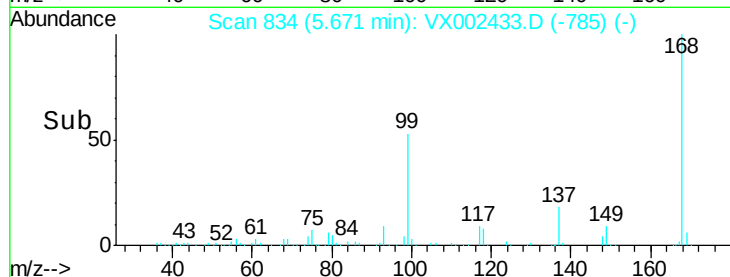
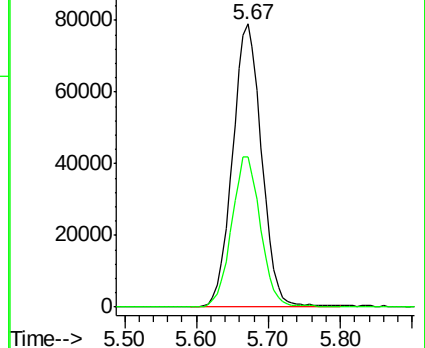
168 100

99 53.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002433.D

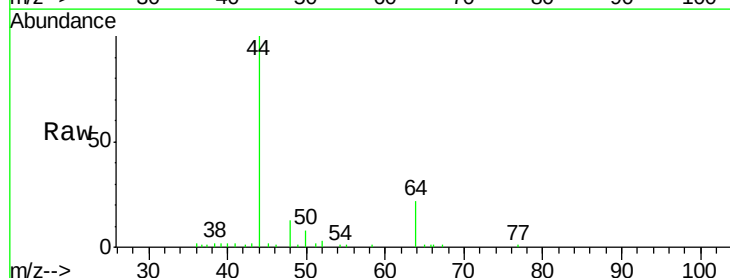
Acq: 09 Jun 2018 20:36

Tgt Ion: 50 Resp: 623

Ion Ratio Lower Upper

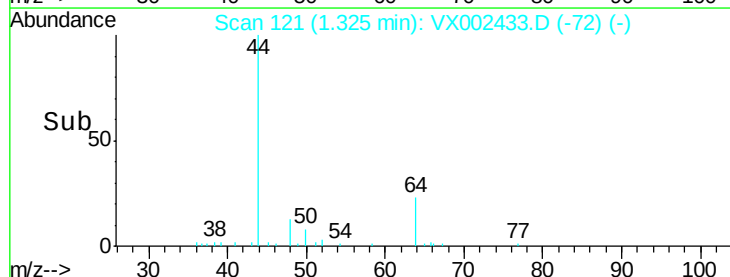
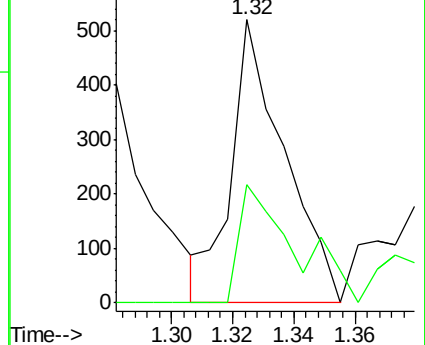
50 100

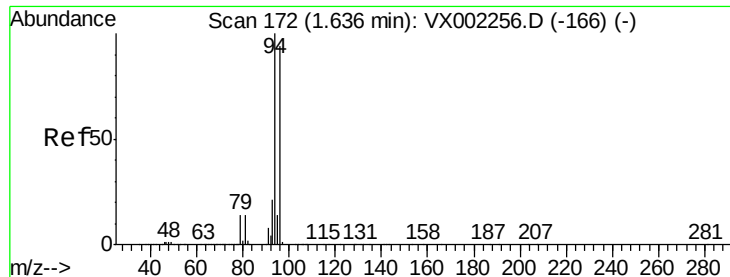
52 41.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

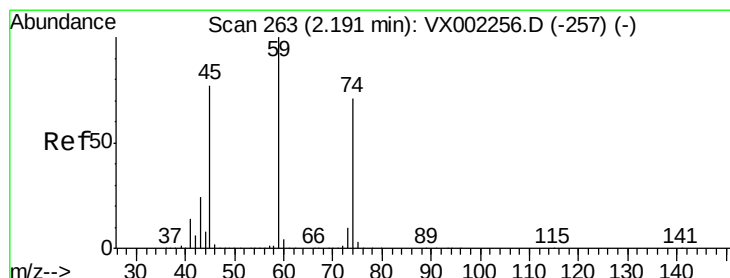
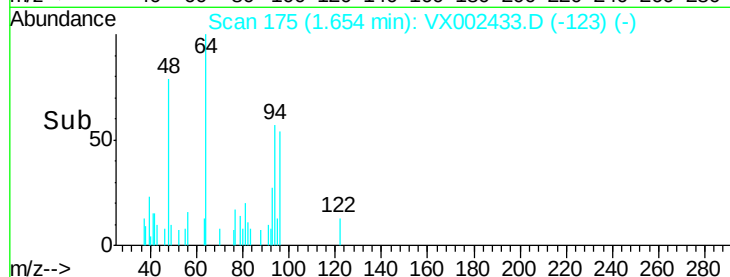
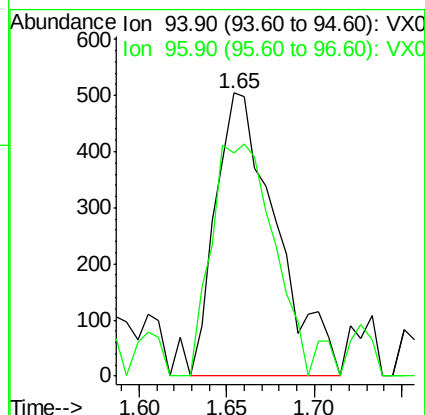
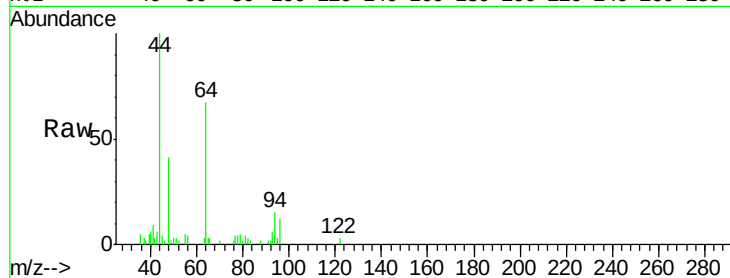
ClientSampled :

Tot Ion: 94 Resp: 1216

Ion Ratio Lower Upper

94 100

96 78.8 74.9 112.3



#8

Diethyl Ether

Concen: Below Cal

RT: 2.34 min Scan# 287

Delta R.T. 0.15 min

Lab File: VX002433.D

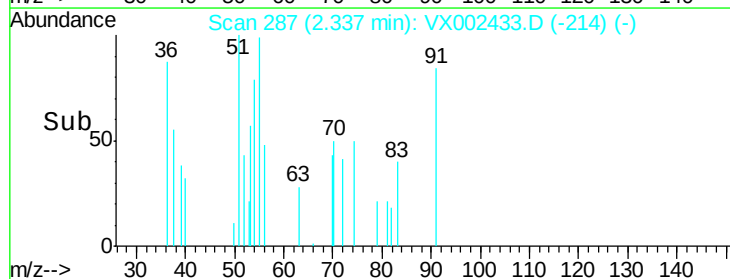
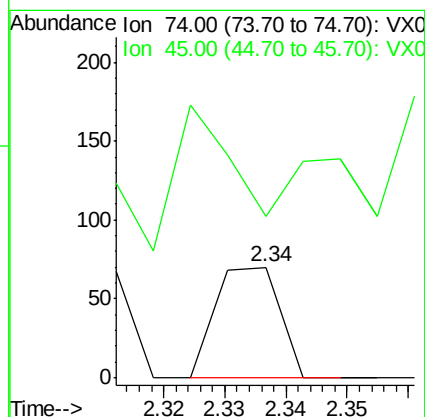
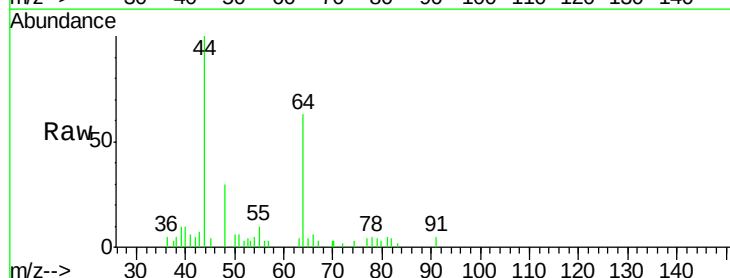
Acq: 09 Jun 2018 20:36

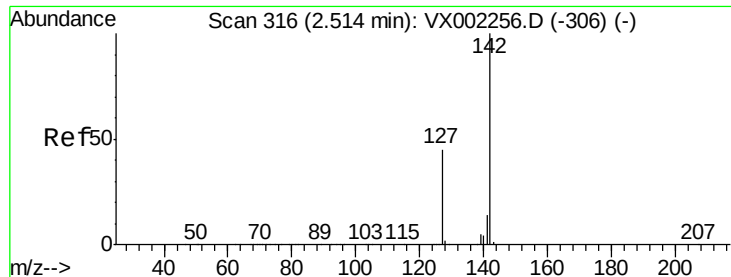
Tgt Ion: 74 Resp: 50

Ion Ratio Lower Upper

74 100

45 128.0 53.1 159.4

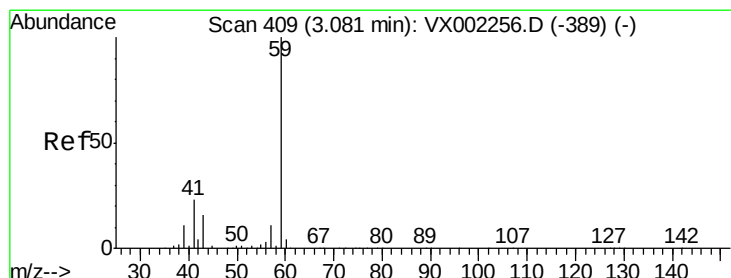
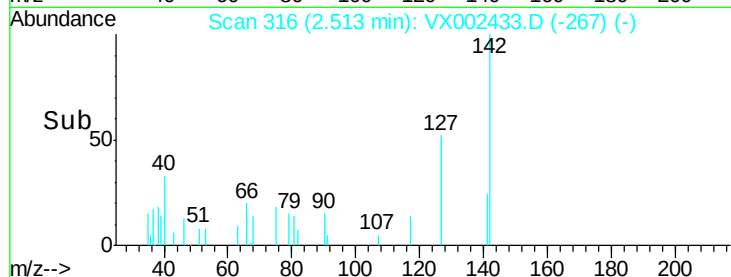
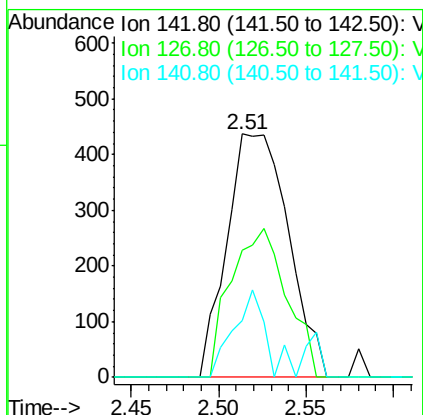
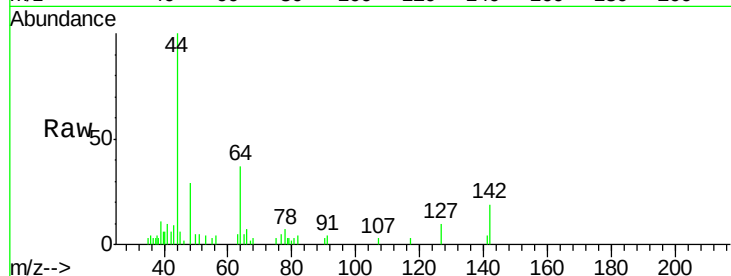




#10
Methvl Iodide
Concen: 0.32 ua/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

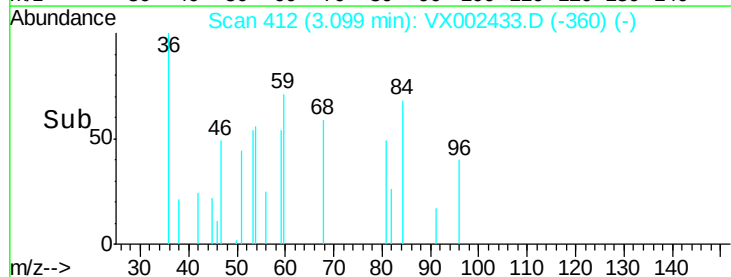
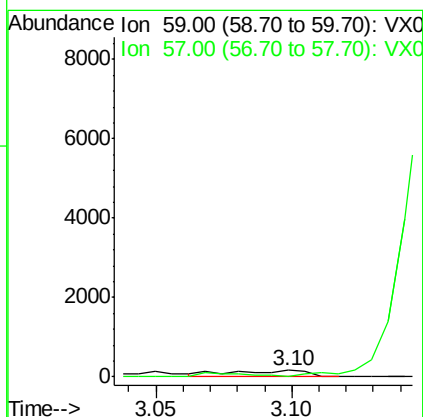
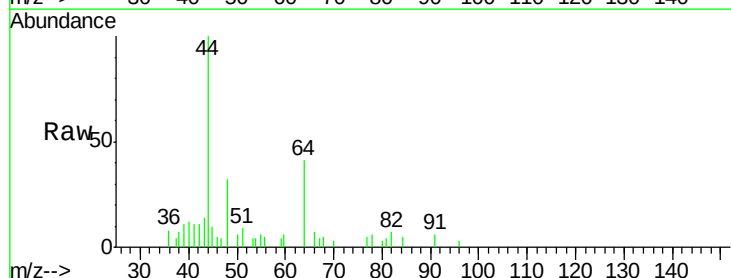
Instrument :
MSVOA_X
ClientSampleId :

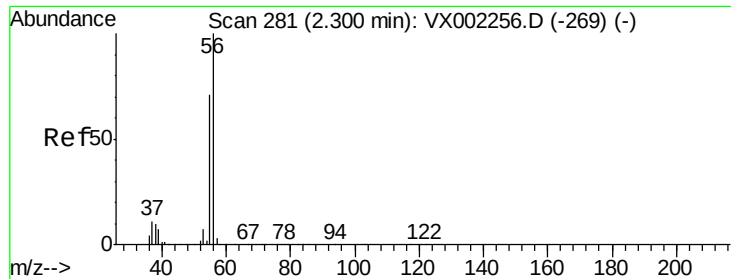
Tot Ion:142 Resp: 1073
Ion Ratio Lower Upper
142 100
127 55.3 36.6 55.0#
141 18.9 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Tgt Ion: 59 Resp: 325
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 23.06 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.09 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

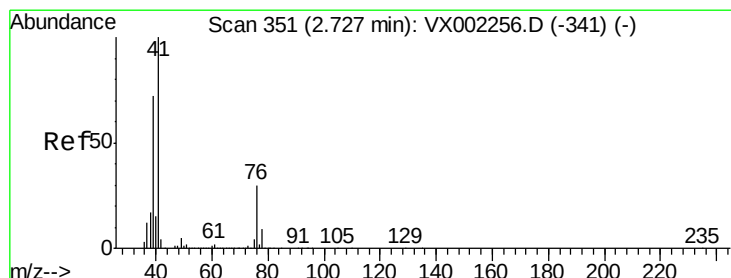
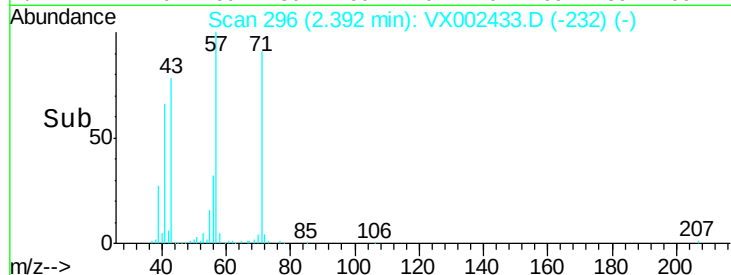
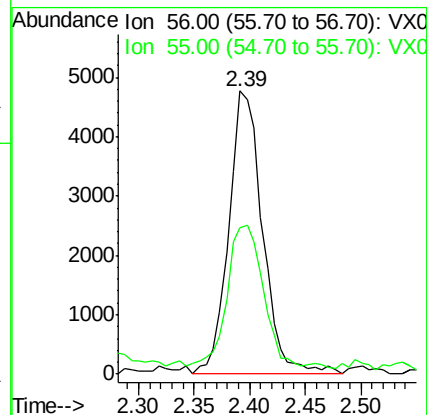
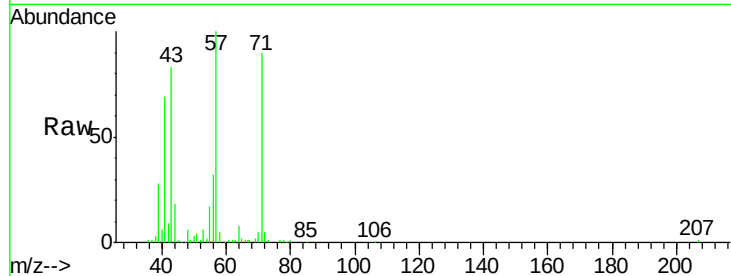
ClientSampled :

Tot Ion: 56 Resp: 10053

Ion Ratio Lower Upper

56 100

55 52.6 57.0 85.4#



#14

Allyl chloride

Concen: 8.72 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

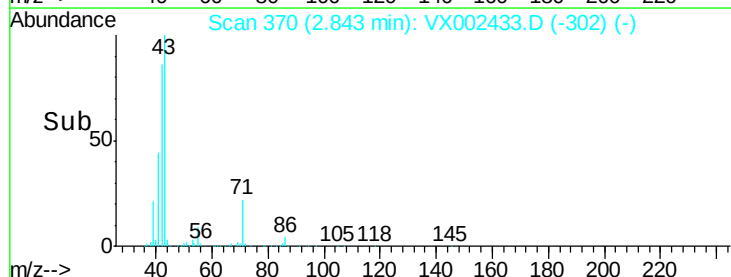
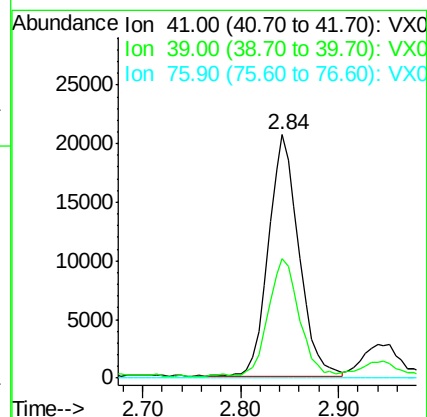
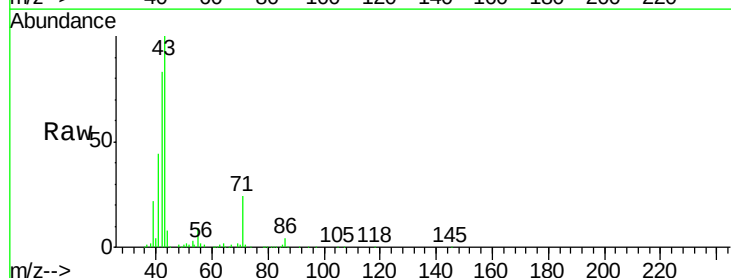
Tgt Ion: 41 Resp: 44694

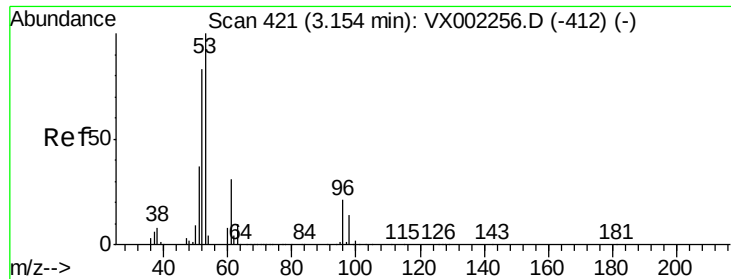
Ion Ratio Lower Upper

41 100

39 48.8 56.8 85.2#

76 0.1 23.8 35.8#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

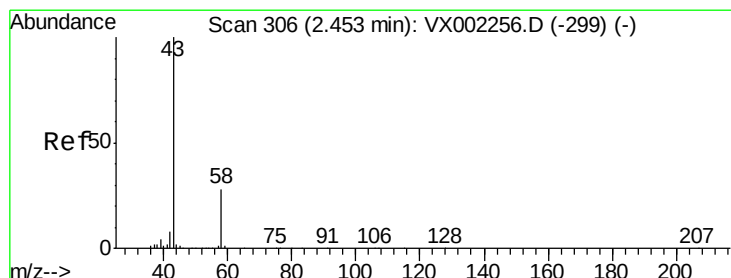
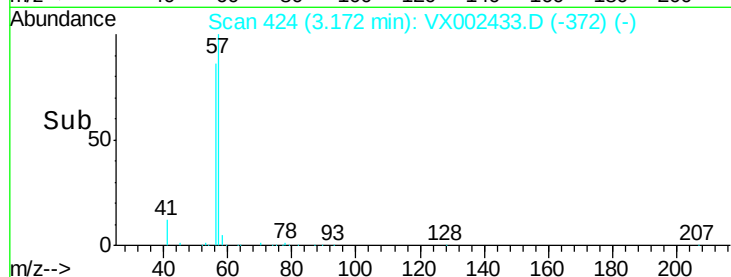
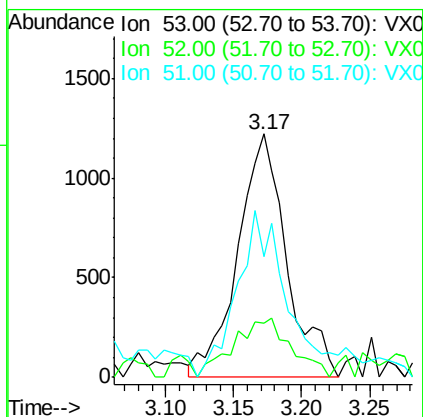
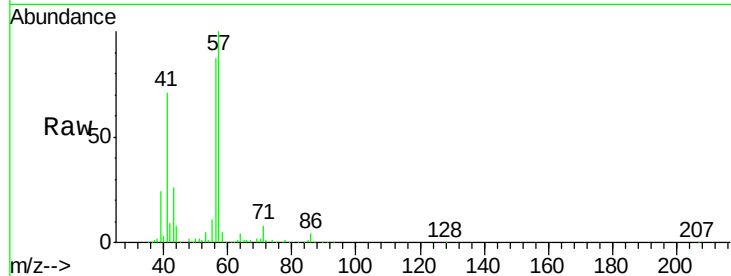
Tot Ion: 53 Resp: 3085

Ion Ratio Lower Upper

53 100

52 28.3 66.7 100.1#

51 69.1 29.9 44.9#



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002433.D

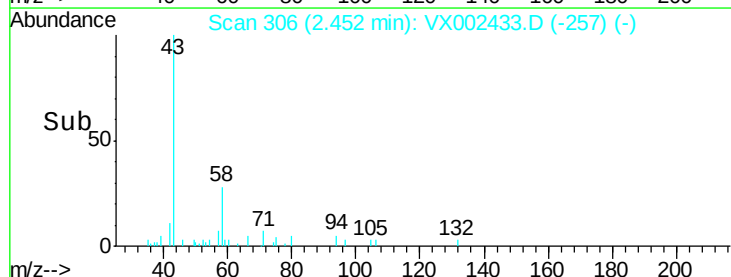
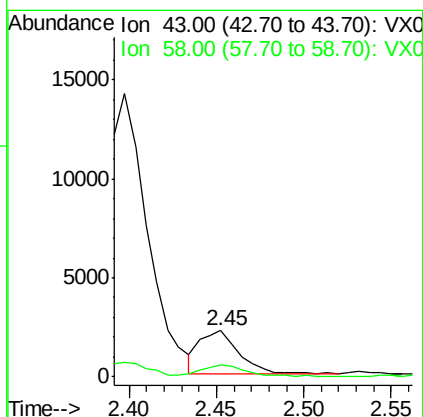
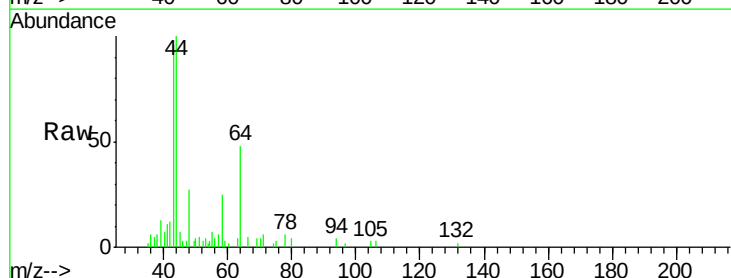
Acq: 09 Jun 2018 20:36

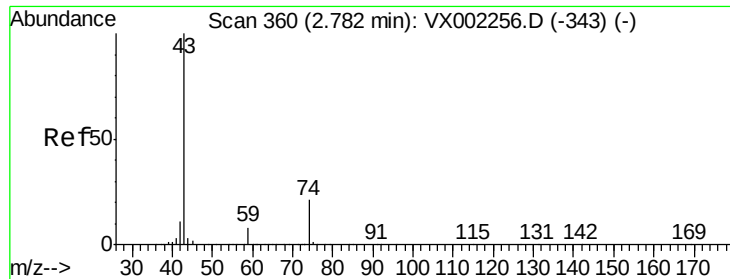
Tgt Ion: 43 Resp: 3395

Ion Ratio Lower Upper

43 100

58 27.9 22.1 33.1





#18

Methyl Acetate

Concen: 31.02 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.06 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

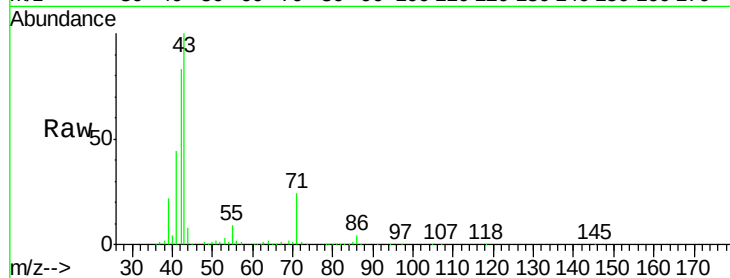
ClientSampleId :

Tot Ion: 43 Resp: 101825

Ion Ratio Lower Upper

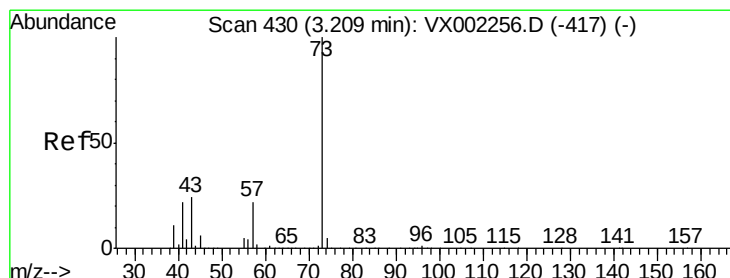
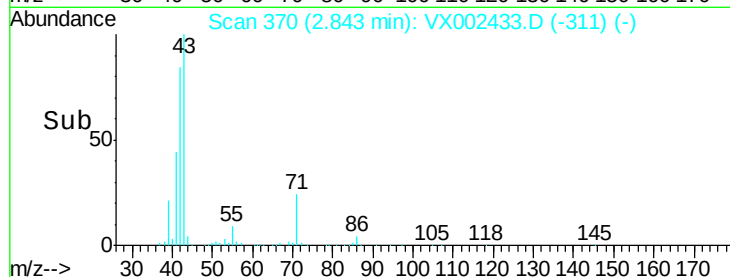
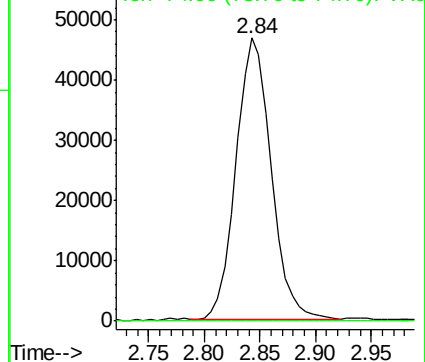
43 100

74 0.0 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#19

Methyl tert-butyl Ether

Concen: Below Cal

RT: 3.22 min Scan# 432

Delta R.T. 0.01 min

Lab File: VX002433.D

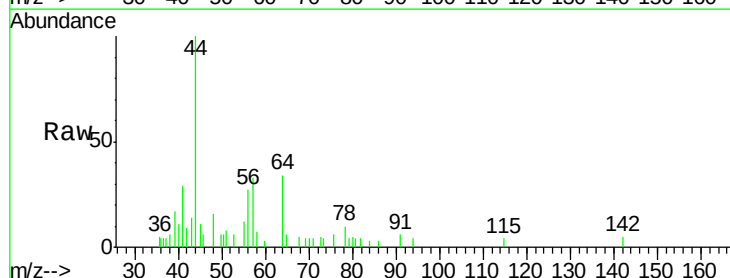
Acq: 09 Jun 2018 20:36

Tgt Ion: 73 Resp: 331

Ion Ratio Lower Upper

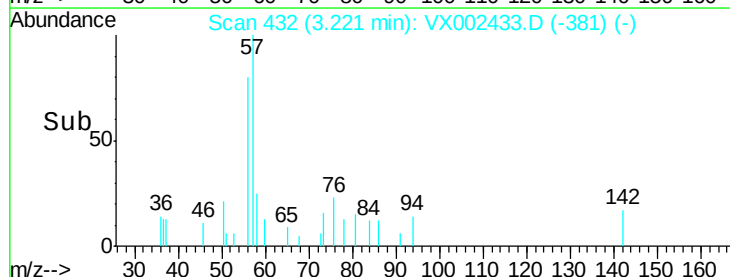
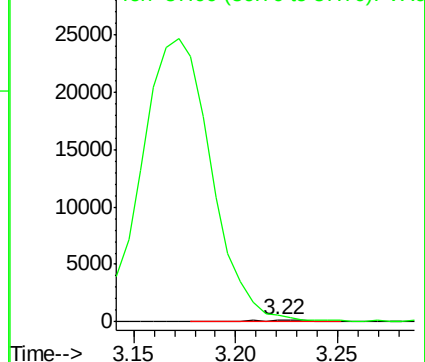
73 100

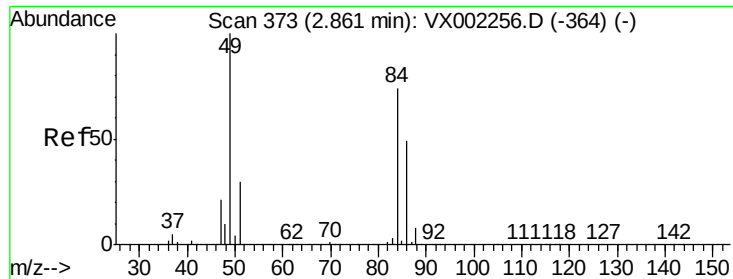
57 244.9 17.7 26.5#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

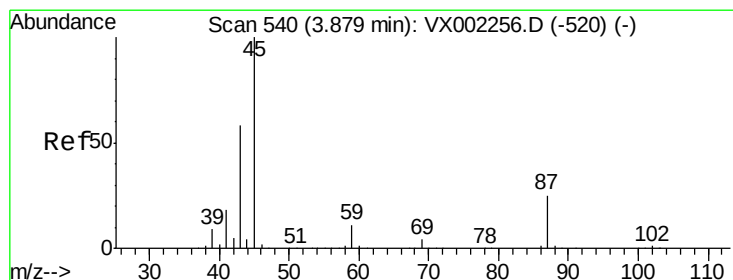
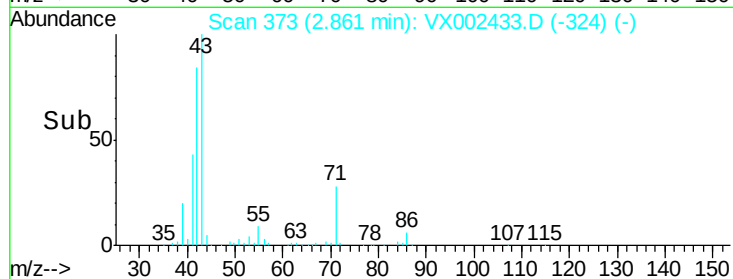
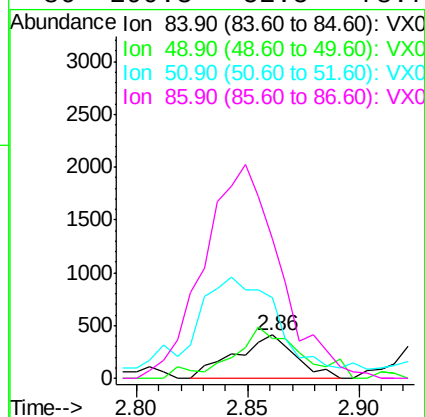
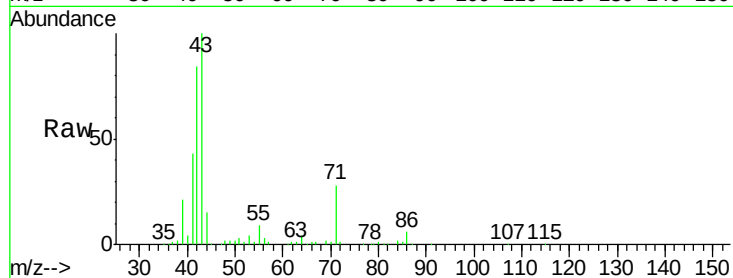




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

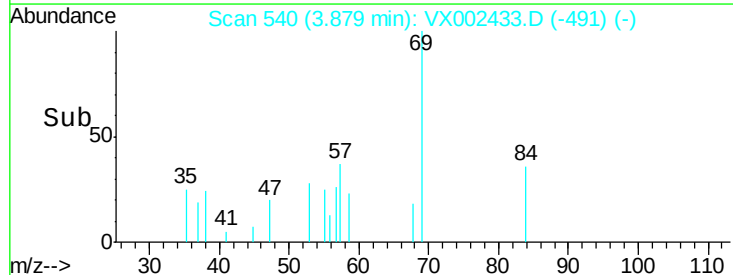
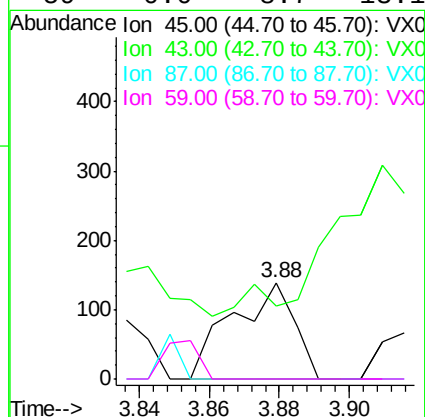
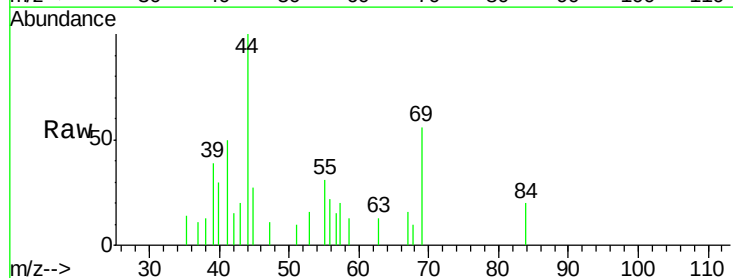
Instrument :
MSVOA_X
ClientSampleId :

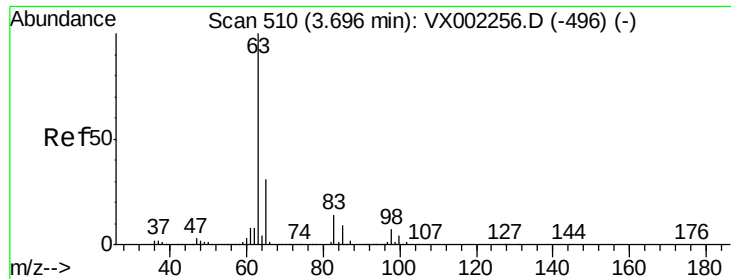
Tot Ion: 84 Resp: 764
Ion Ratio Lower Upper
84 100
49 74.2 107.8 161.6#
51 163.1 32.8 49.2#
86 299.3 52.5 78.7#



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Tgt Ion: 45 Resp: 173
Ion Ratio Lower Upper
45 100
43 0.0 46.8 70.2#
87 0.0 20.2 30.4#
59 0.0 8.7 13.1#





#24

1,1-Dichloroethane

Concen: 0.87 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

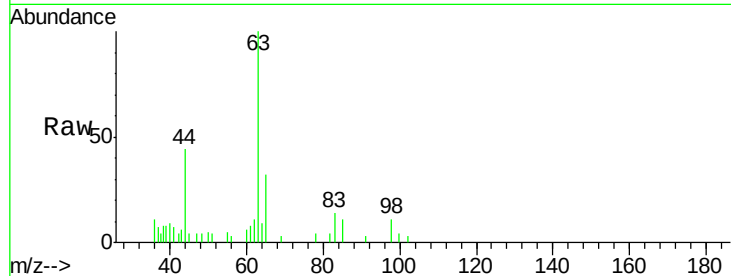
Tot Ion: 63 Resp: 4429

Ion Ratio Lower Upper

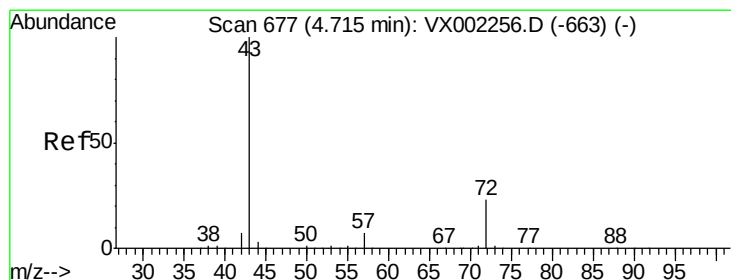
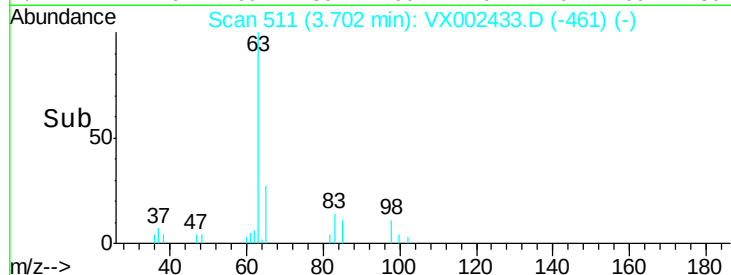
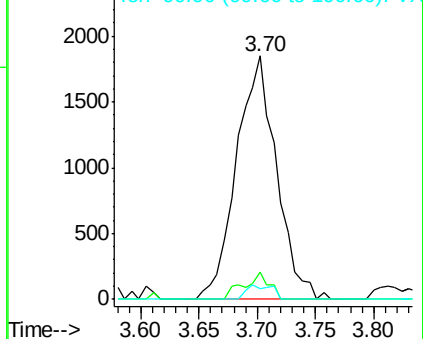
63 100

98 11.1 3.4 10.2#

100 4.4 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



#25

2-Butanone

Concen: 0.41 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX002433.D

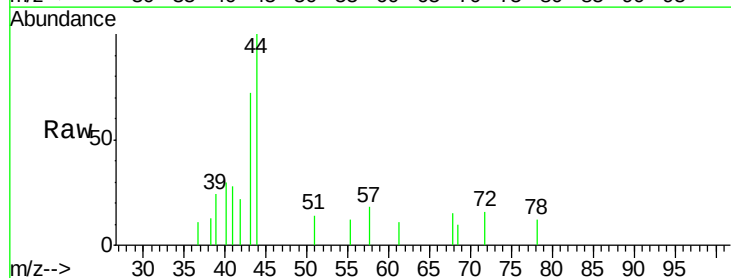
Acq: 09 Jun 2018 20:36

Tgt Ion: 43 Resp: 888

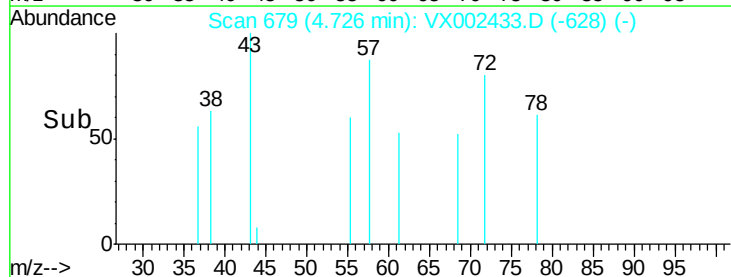
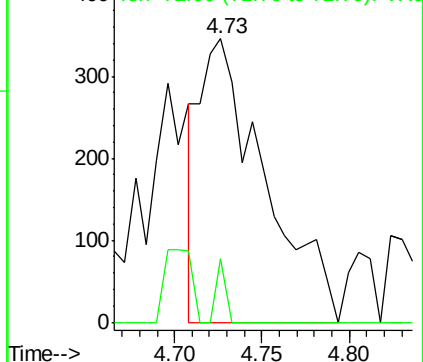
Ion Ratio Lower Upper

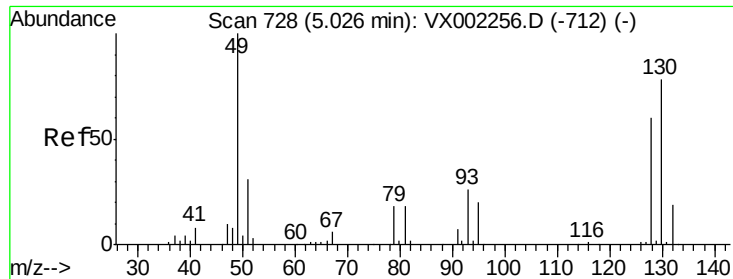
43 100

72 22.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 730

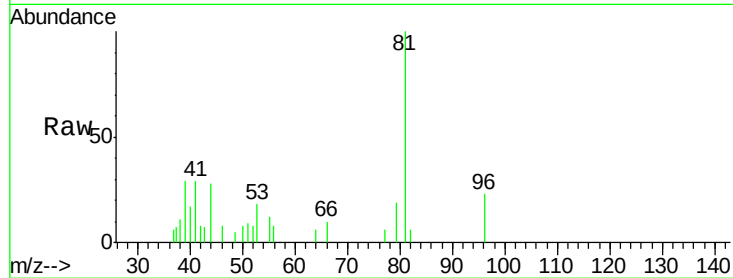
Delta R.T. 0.01 min

Lab File: VX002433.D

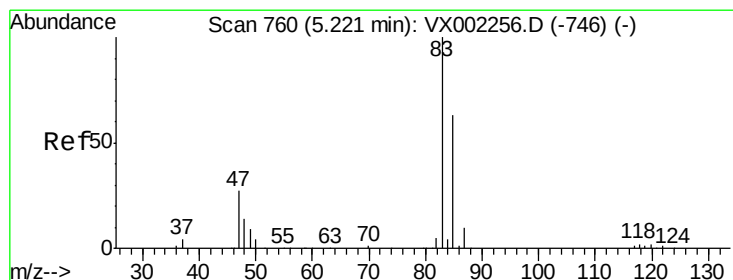
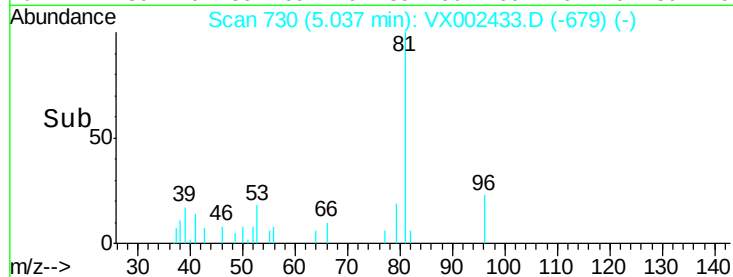
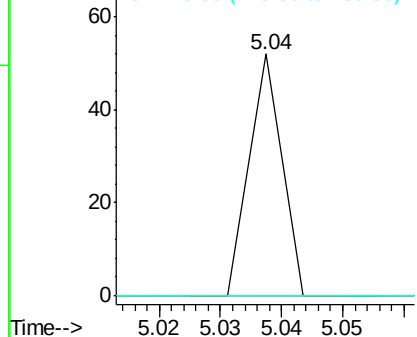
Acq: 09 Jun 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 19
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 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



#30

Chloroform

Concen: 1.27 ug/l

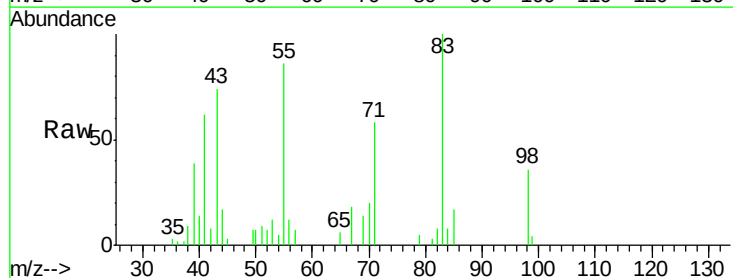
RT: 5.28 min Scan# 769

Delta R.T. 0.05 min

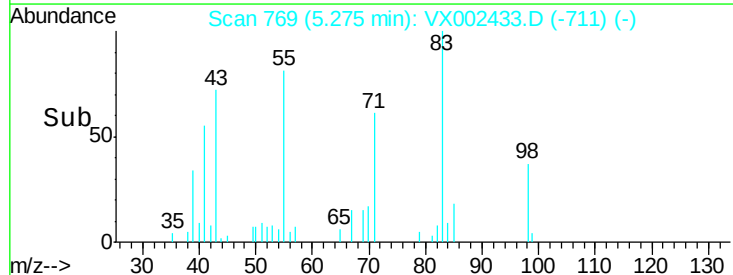
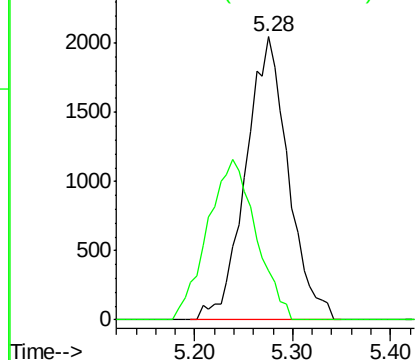
Lab File: VX002433.D

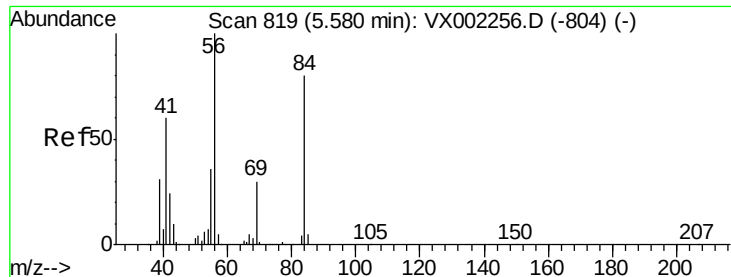
Acq: 09 Jun 2018 20:36

Tgt Ion: 83 Resp: 6192
Ion Ratio Lower Upper
83 100
85 17.3 50.4 75.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 23.99 ug/l

RT: 5.73 min Scan# 843

Delta R.T. 0.15 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

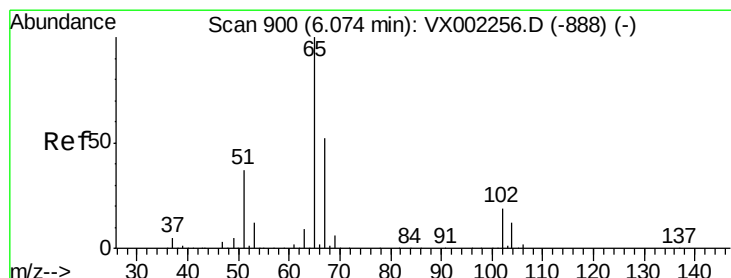
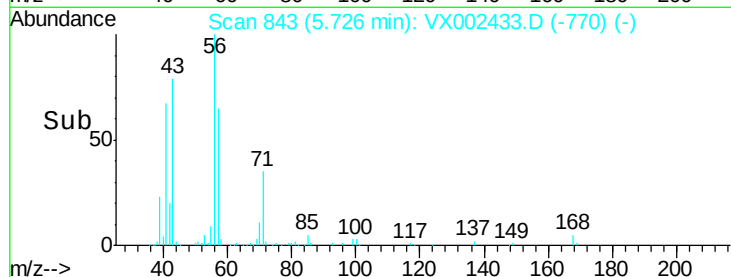
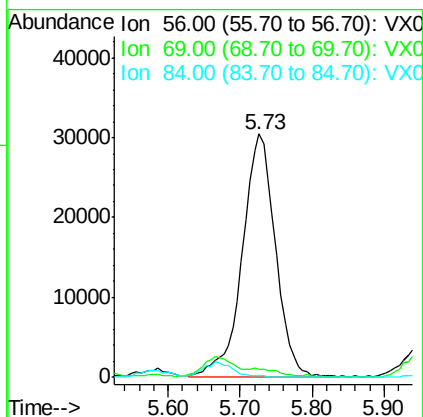
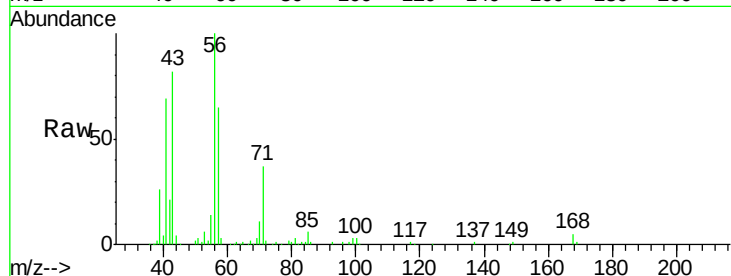
Tot Ion: 56 Resp: 96070

Ion Ratio Lower Upper

56 100

69 3.3 23.7 35.5#

84 0.6 64.1 96.1#



#33

1,2-Dichloroethane-d4

Concen: 49.55 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002433.D

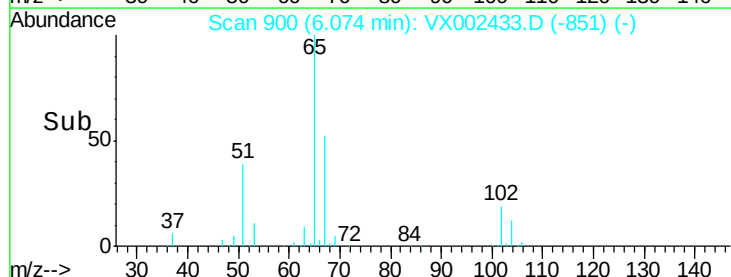
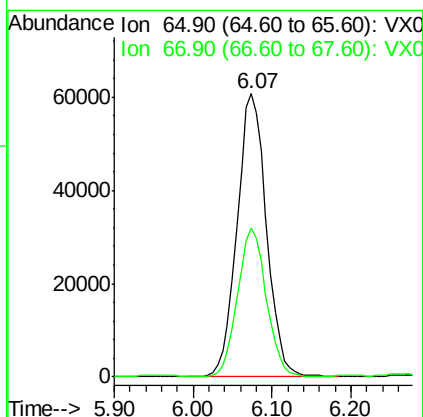
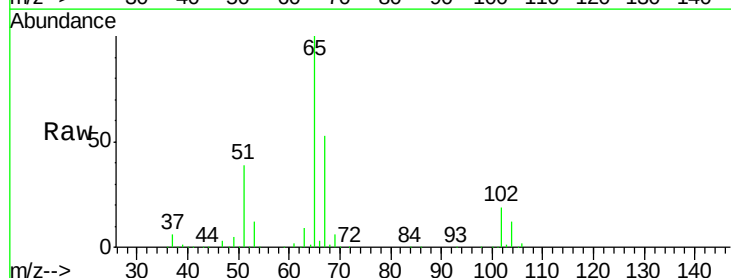
Acq: 09 Jun 2018 20:36

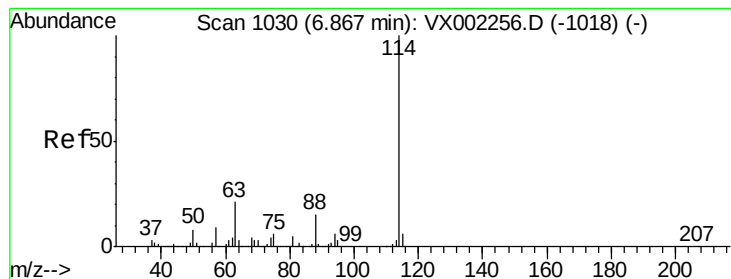
Tgt Ion: 65 Resp: 157276

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

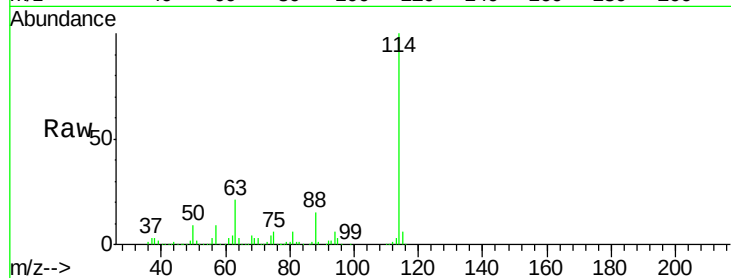
Tot Ion:114 Resp: 333377

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

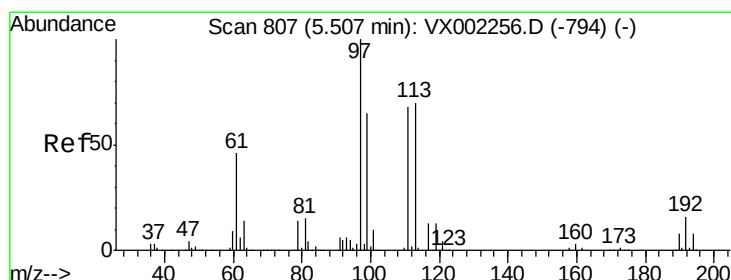
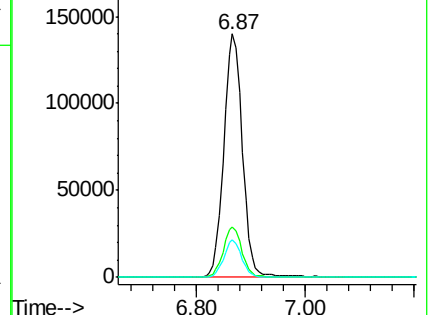
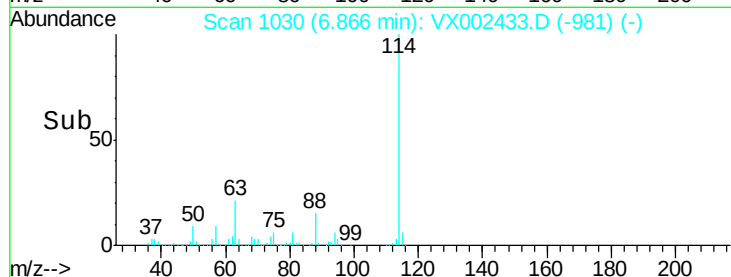
88 15.2 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 45.37 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

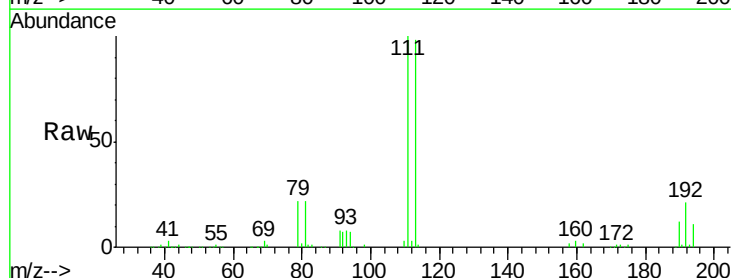
Tgt Ion:113 Resp: 118946

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

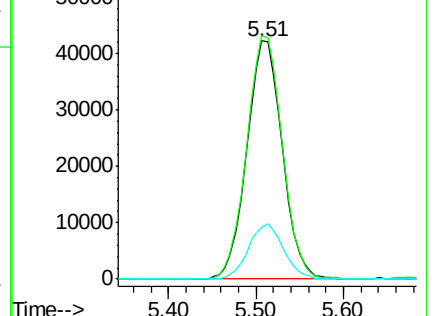
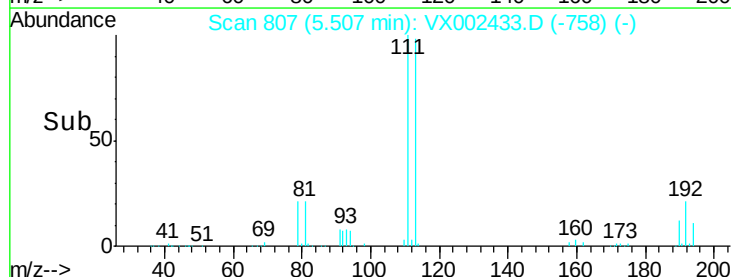
192 22.8 19.1 28.7

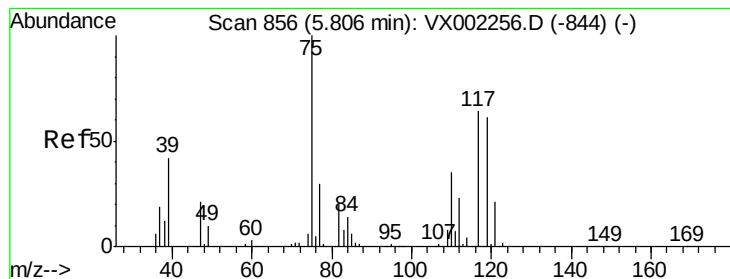


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.65 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

ClientSampleId :

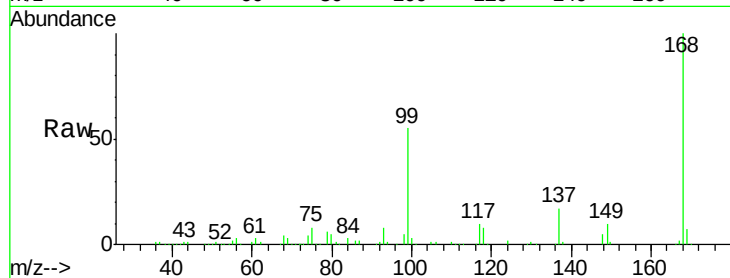
Tot Ion: 75 Resp: 16302

Ion Ratio Lower Upper

75 100

110 10.9 18.1 54.4#

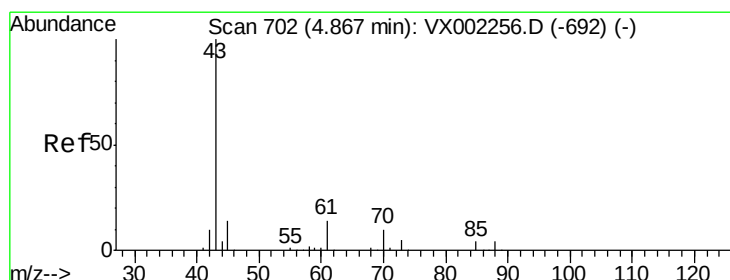
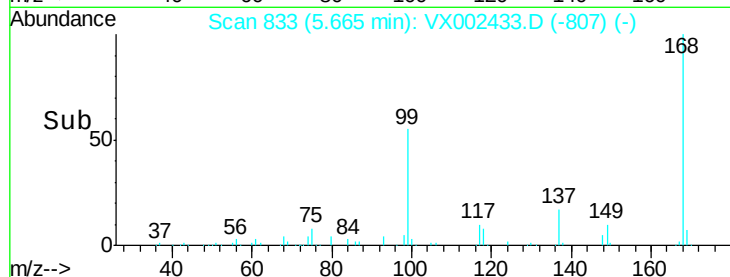
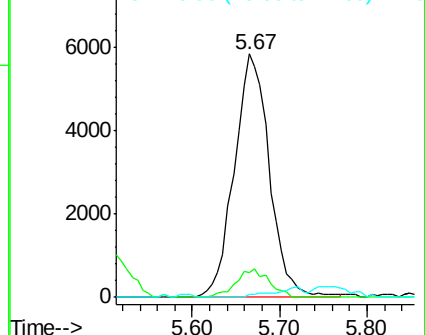
77 0.9 24.3 36.5#



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: 0.20 ug/l

RT: 4.89 min Scan# 706

Delta R.T. 0.02 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

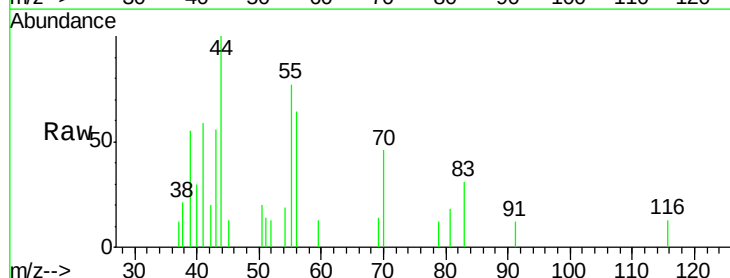
Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

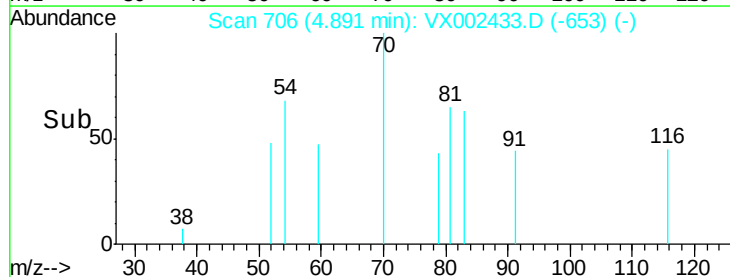
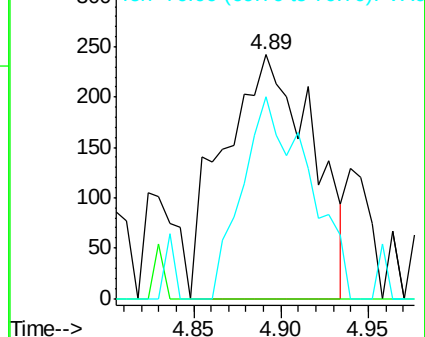
70 61.2 7.6 11.4#

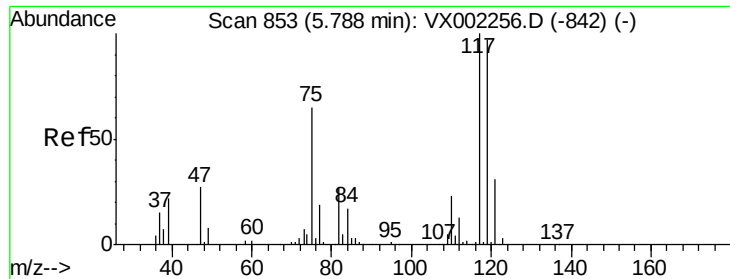


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

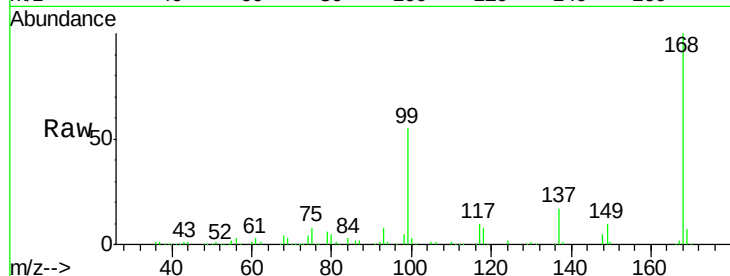




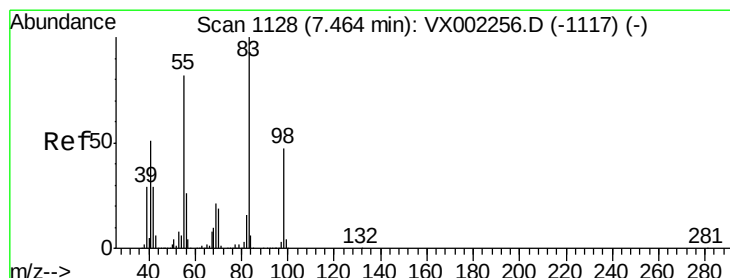
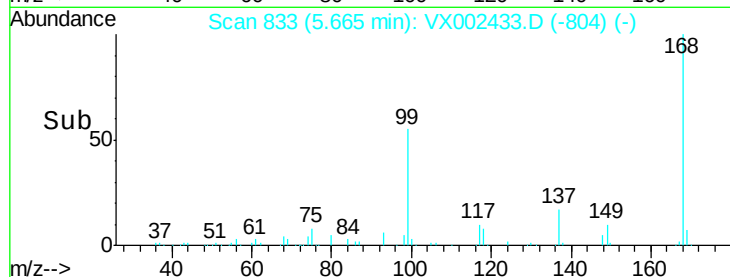
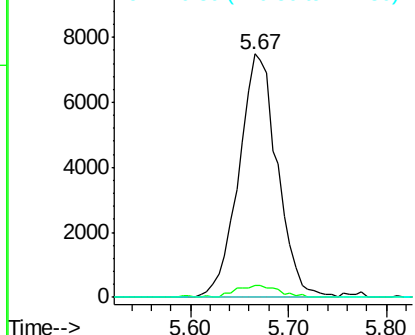
#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 20479
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.0#
121 0.0 24.4 36.6#

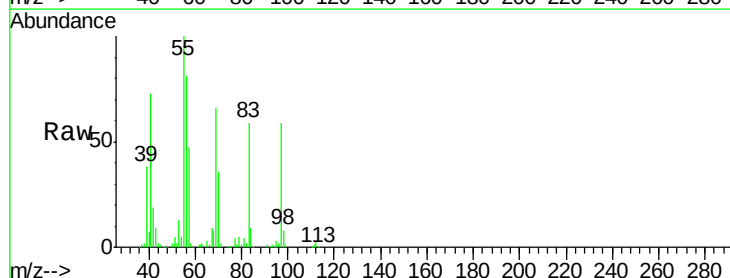


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

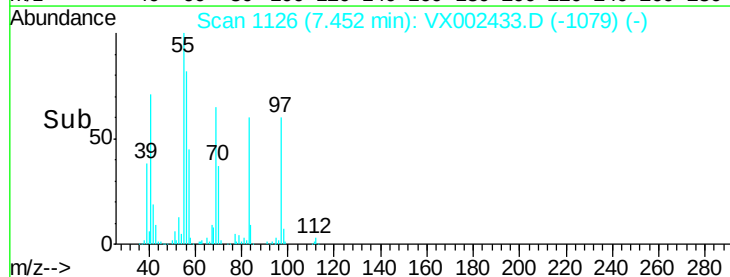
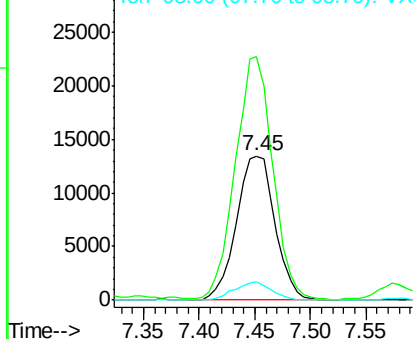


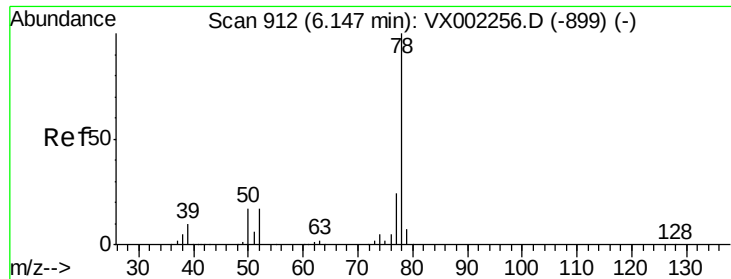
#39
Methylcyclohexane
Concen: 7.65 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Tgt Ion: 83 Resp: 32156
Ion Ratio Lower Upper
83 100
55 168.2 65.4 98.0#
98 13.1 37.4 56.0#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

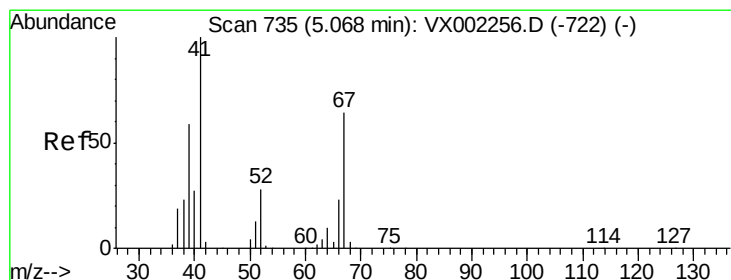
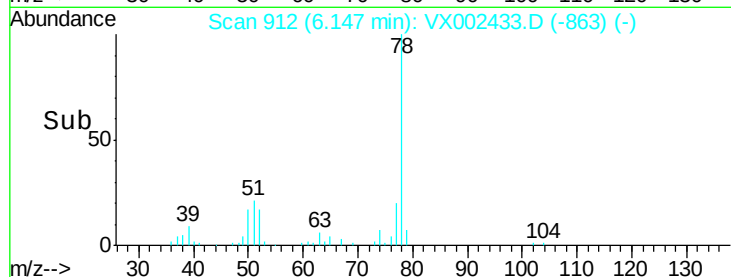
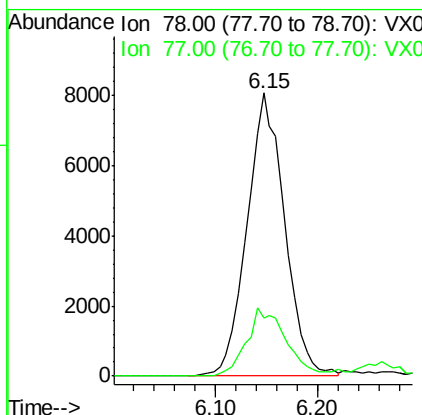
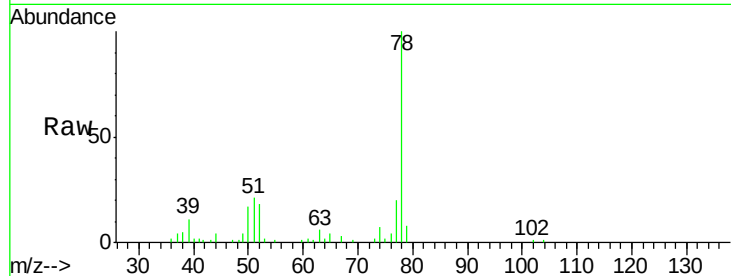




#40
Benzene
Concen: 1.92 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

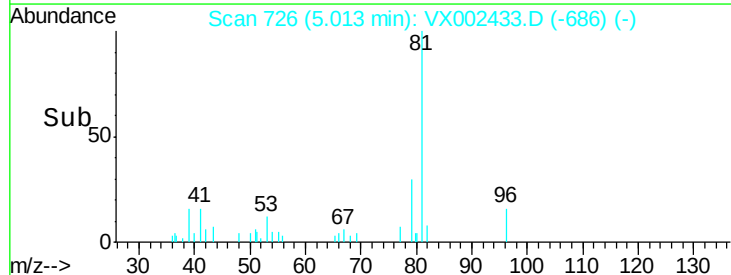
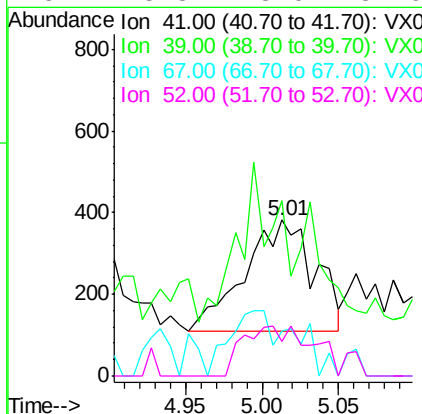
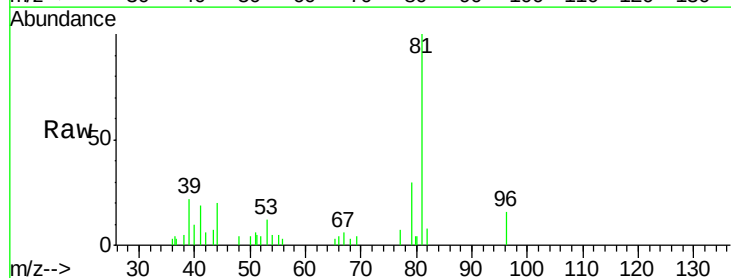
Instrument :
MSVOA_X
ClientSampleId :

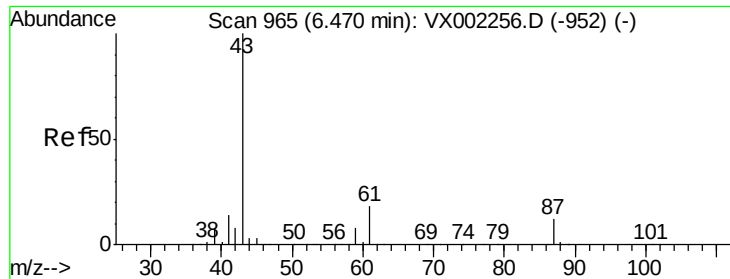
Tot Ion: 78 Resp: 20671
Ion Ratio Lower Upper
78 100
77 20.5 19.1 28.7



#41
Methacrylonitrile
Concen: 0.36 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.06 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Tgt Ion: 41 Resp: 860
Ion Ratio Lower Upper
41 100
39 59.1 45.8 68.6
67 39.1 51.3 76.9#
52 43.8 23.0 34.6#

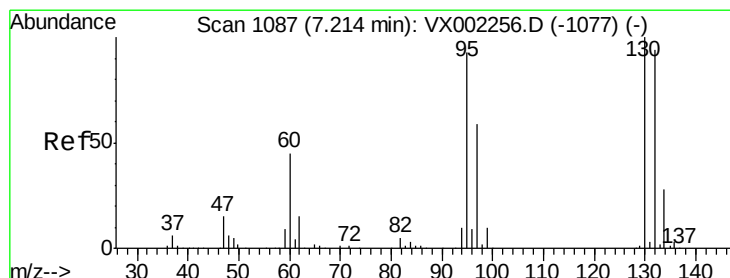
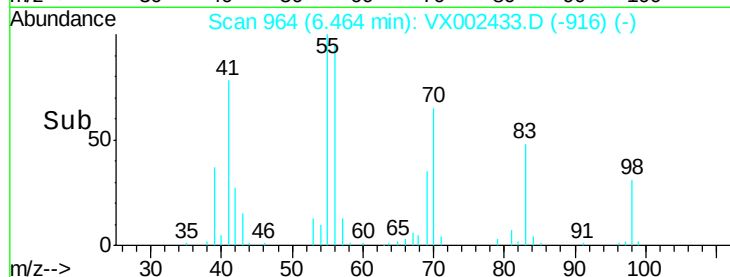
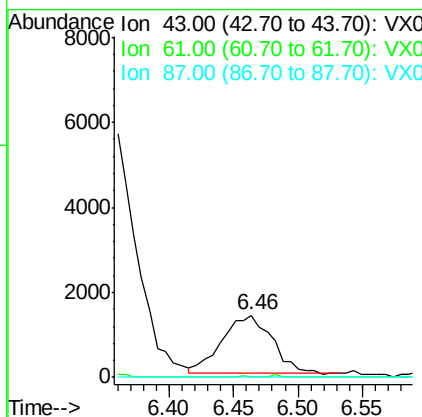
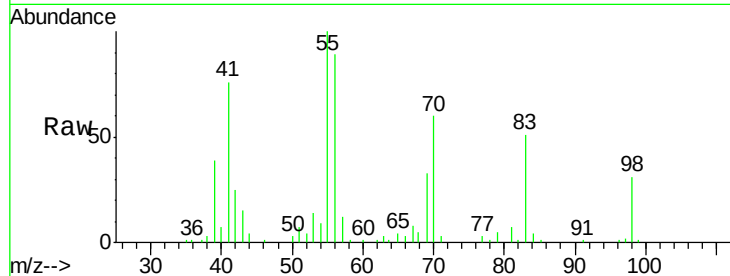




#43
Isopropyl Acetate
Concen: 0.52 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

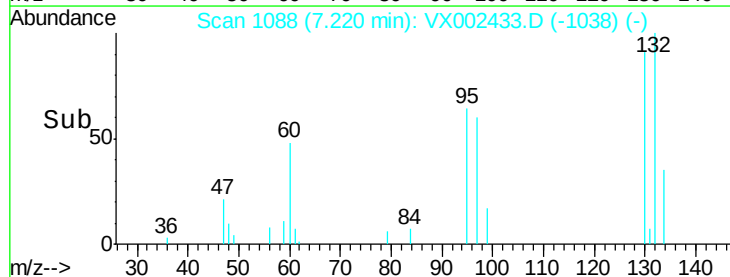
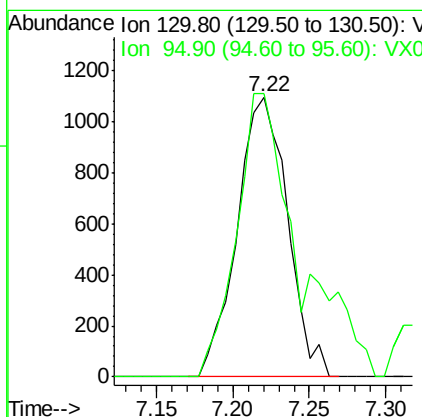
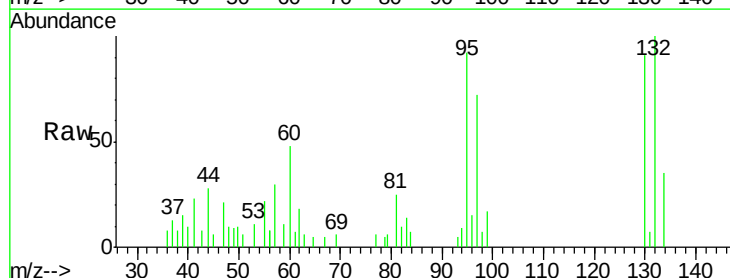
Instrument :
MSVOA_X
ClientSampleId :

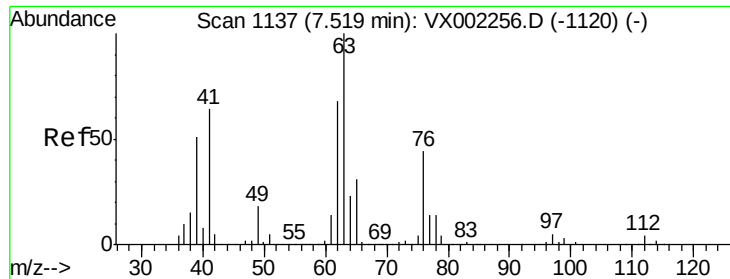
Tot Ion: 43 Resp: 3688
Ion Ratio Lower Upper
43 100
61 0.5 14.4 21.6#
87 0.0 9.5 14.3#



#44
Trichloroethene
Concen: 0.84 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Tgt Ion: 130 Resp: 2512
Ion Ratio Lower Upper
130 100
95 101.1 0.0 185.4

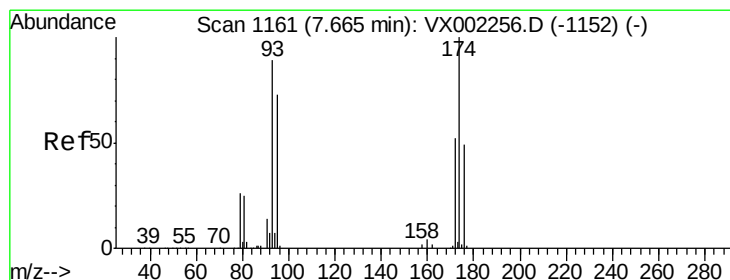
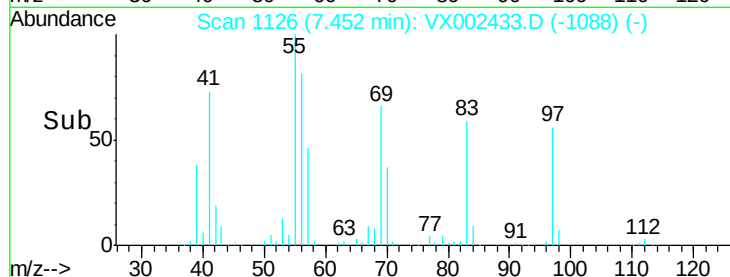
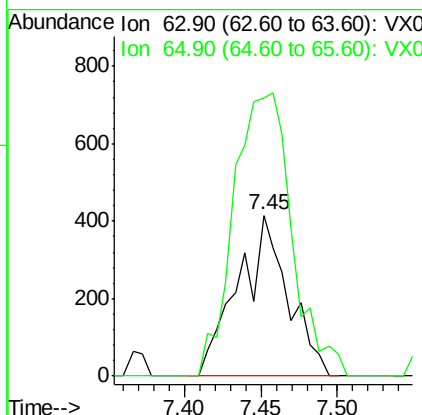
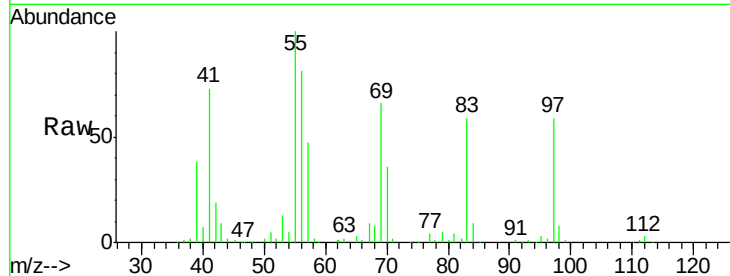




#45
 1,2-Dichloropropane
 Concen: 0.33 ug/l
 RT: 7.45 min Scan# 1126
 Delta R.T. -0.07 min
 Lab File: VX002433.D
 Acq: 09 Jun 2018 20:36

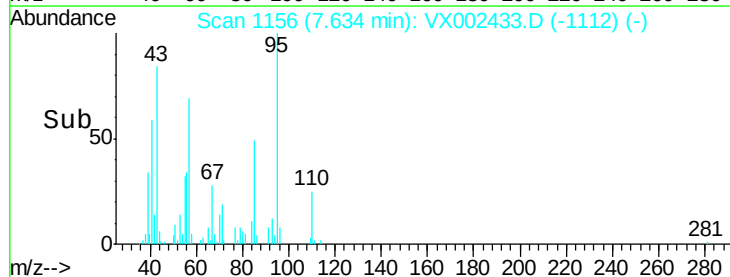
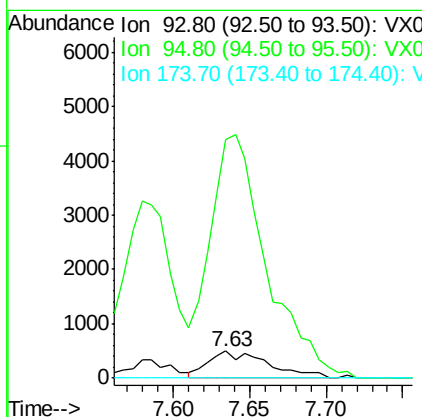
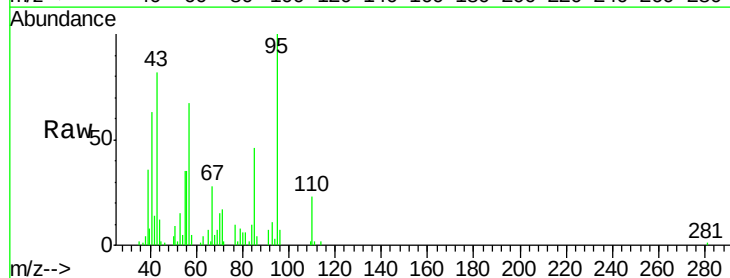
Instrument :
 MSVOA_X
 ClientSampled :

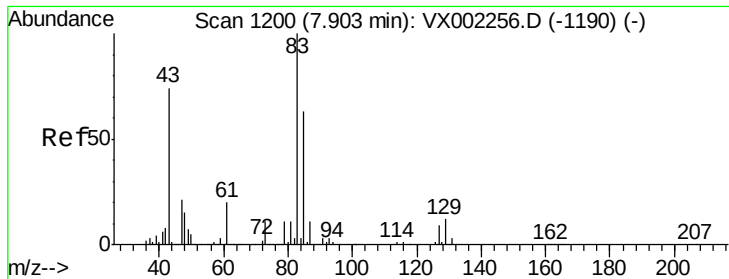
Tot Ion: 63 Resp: 949
 Ion Ratio Lower Upper
 63 100
 65 172.8 24.7 37.1#



#46
 Dibromomethane
 Concen: 0.69 ug/l
 RT: 7.63 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: VX002433.D
 Acq: 09 Jun 2018 20:36

Tgt Ion: 93 Resp: 1364
 Ion Ratio Lower Upper
 93 100
 95 846.0 65.9 98.9#
 174 0.0 92.4 138.6#





#47

Bromodichloromethane

Concen: 1.97 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.06 min

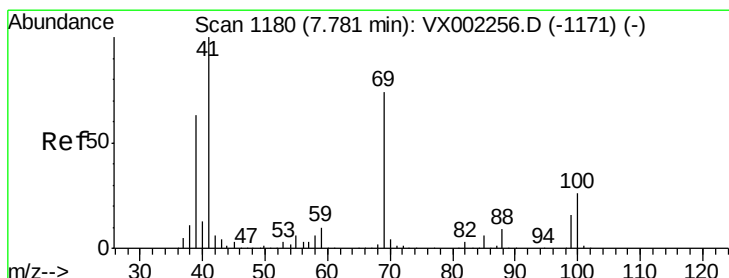
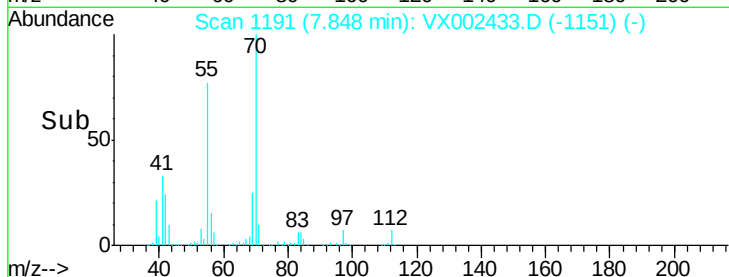
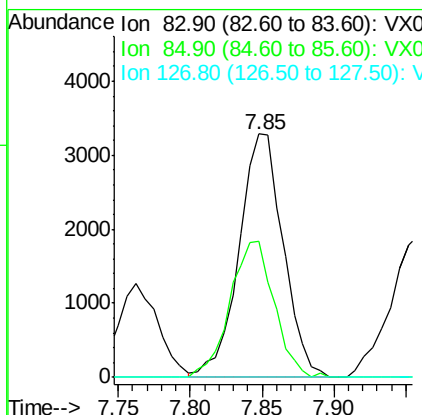
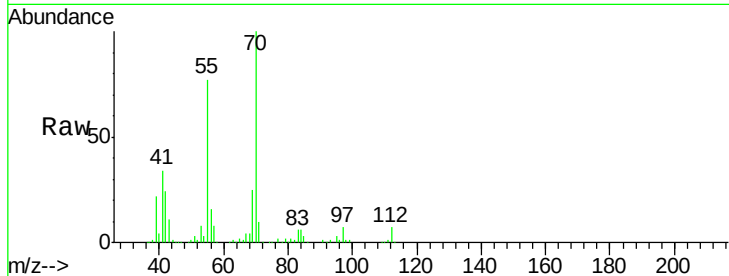
Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 6991

Ion	Ratio	Lower	Upper
83	100		
85	55.8	50.3	75.5
127	0.0	7.0	10.4#



#48

Methyl methacrylate

Concen: 10.50 ug/l

RT: 7.85 min Scan# 1192

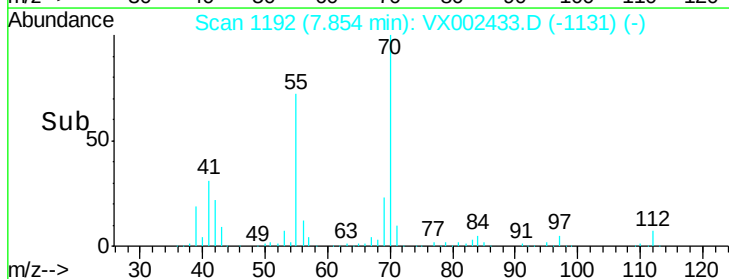
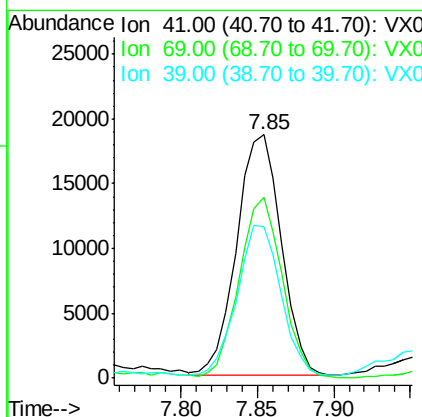
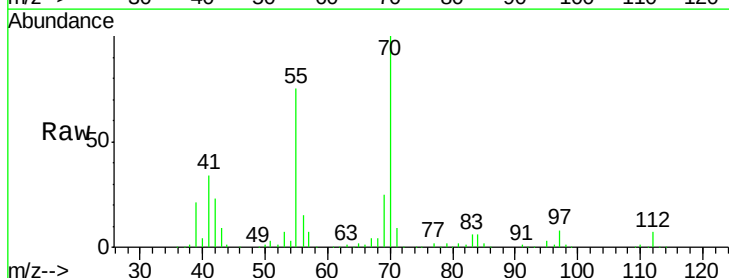
Delta R.T. 0.07 min

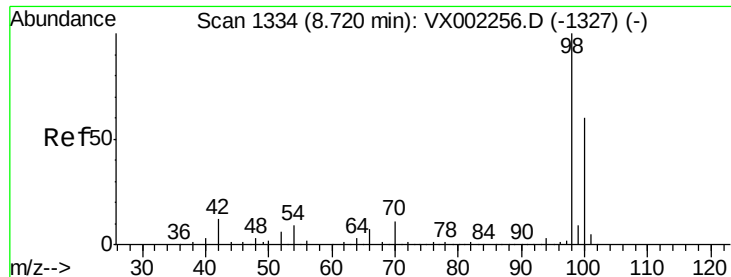
Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Tgt Ion: 41 Resp: 37769

Ion	Ratio	Lower	Upper
41	100		
69	71.5	59.1	88.7
39	60.1	48.9	73.3

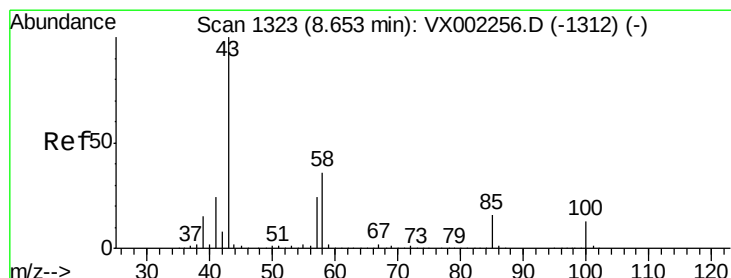
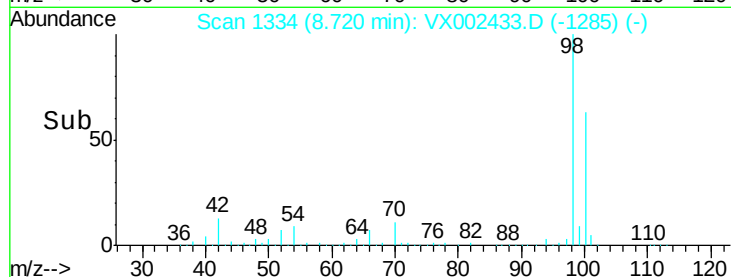
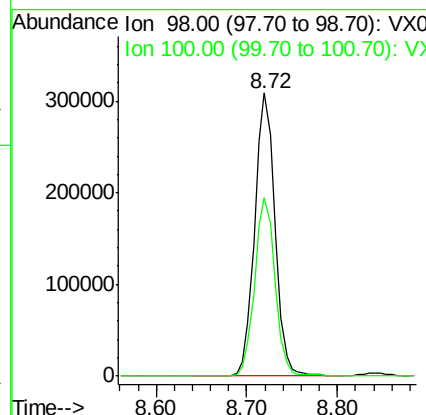
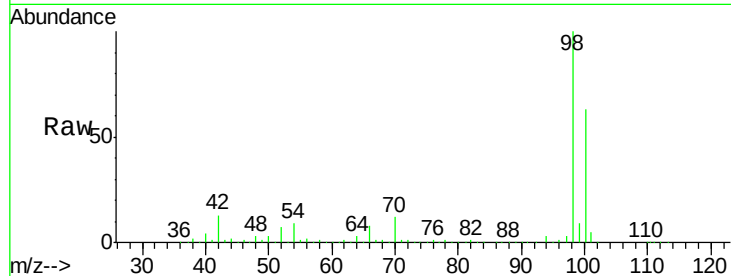




#50
Toluene-d8
Concen: 47.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

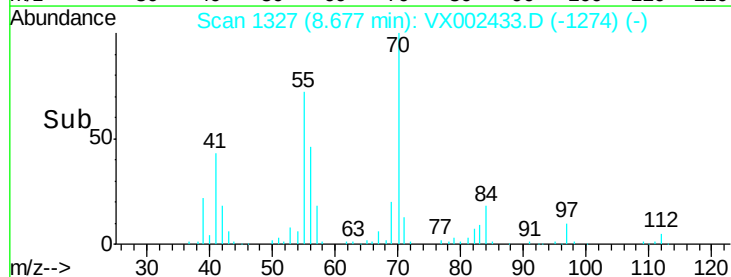
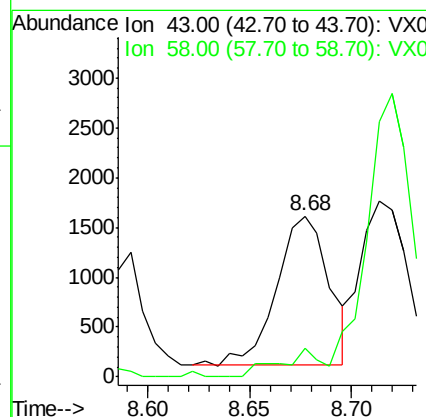
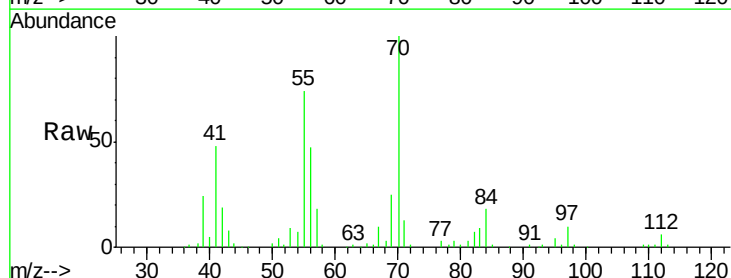
Instrument :
MSVOA_X
ClientSampleId :

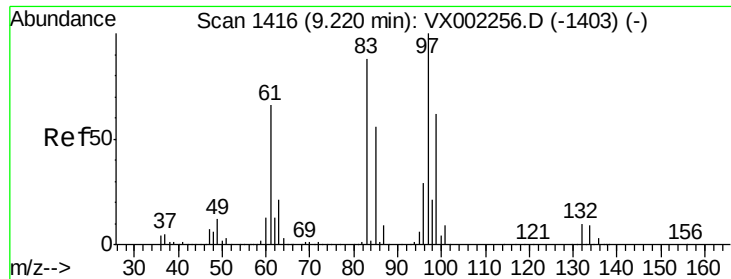
Tot Ion: 98 Resp: 479691
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.68 min Scan# 1327
Delta R.T. 0.02 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Tgt Ion: 43 Resp: 2661
Ion Ratio Lower Upper
43 100
58 14.9 28.6 42.8#

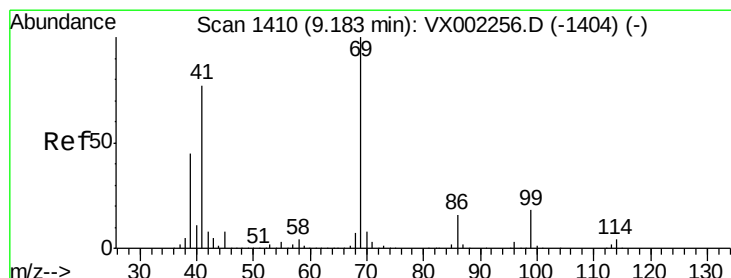
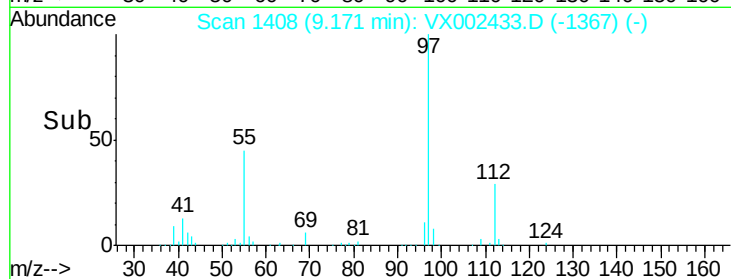
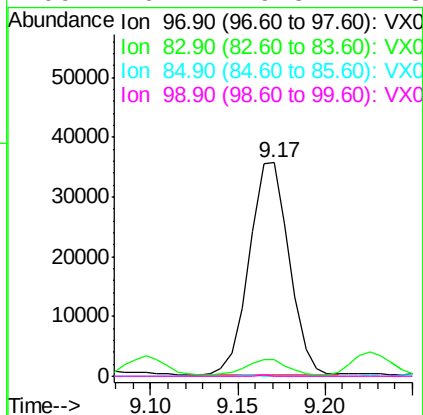
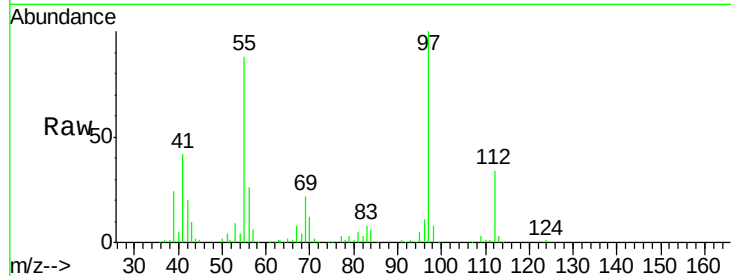




#55
 1,1,2-Trichloroethane
 Concen: 20.26 ug/l
 RT: 9.17 min Scan# 1408
 Delta R.T. -0.05 min
 Lab File: VX002433.D
 Acq: 09 Jun 2018 20:36

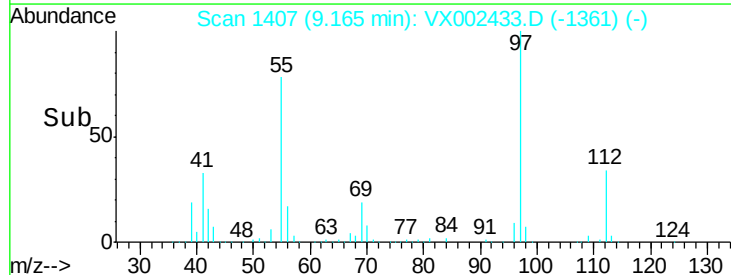
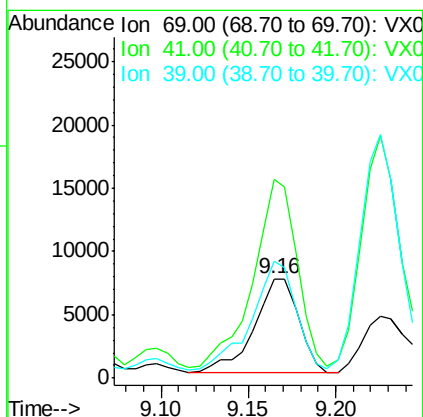
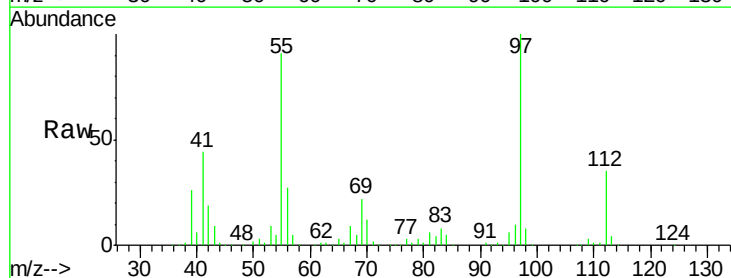
Instrument :
 MSVOA_X
 ClientSampled :

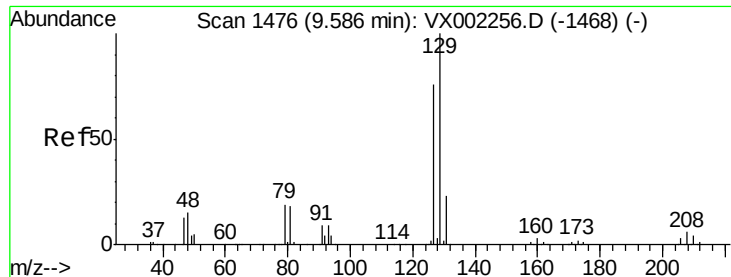
Tot Ion: 97 Resp: 56943
 Ion Ratio Lower Upper
 97 100
 83 6.7 70.2 105.2#
 85 0.2 44.9 67.3#
 99 0.2 49.8 74.8#



#56
 Ethyl methacrylate
 Concen: 2.95 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX002433.D
 Acq: 09 Jun 2018 20:36

Tgt Ion: 69 Resp: 13251
 Ion Ratio Lower Upper
 69 100
 41 195.5 60.3 90.5#
 39 114.6 35.8 53.8#





#60

Dibromochloromethane

Concen: 0.60 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.25 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

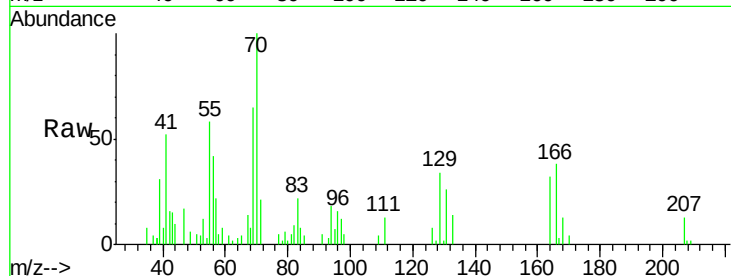
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 1694

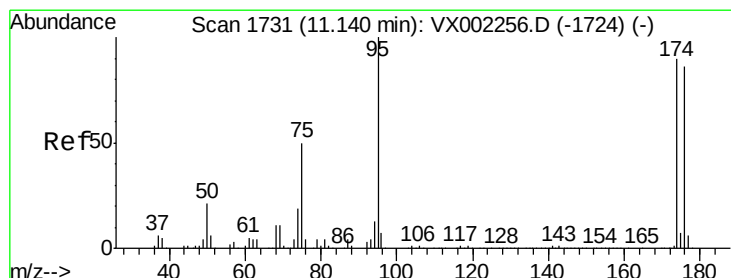
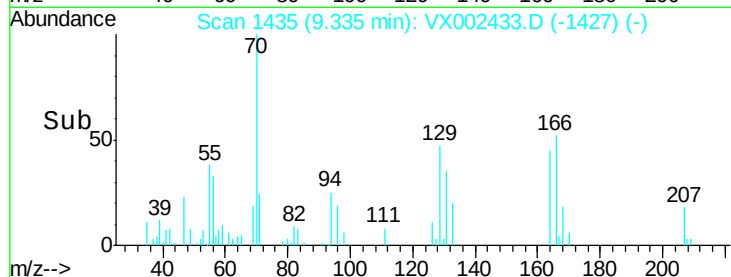
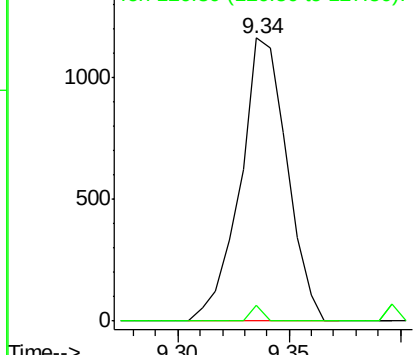
Ion Ratio Lower Upper

129 100

127 1.4 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

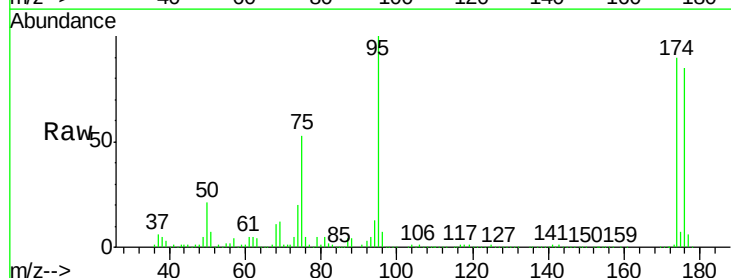
Tgt Ion: 95 Resp: 189330

Ion Ratio Lower Upper

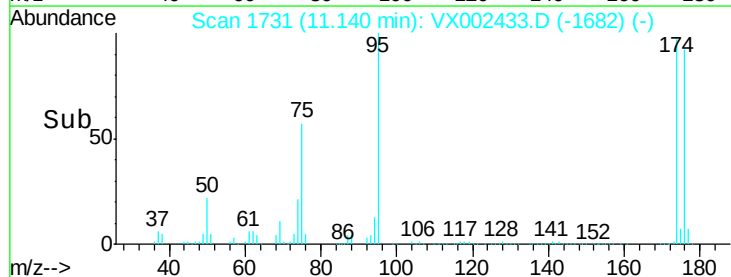
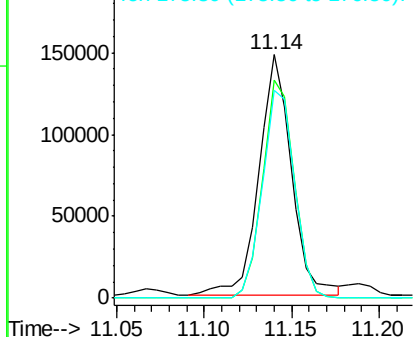
95 100

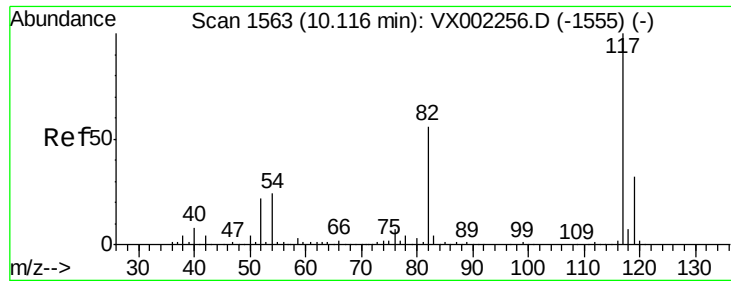
174 88.5 0.0 187.4

176 85.9 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

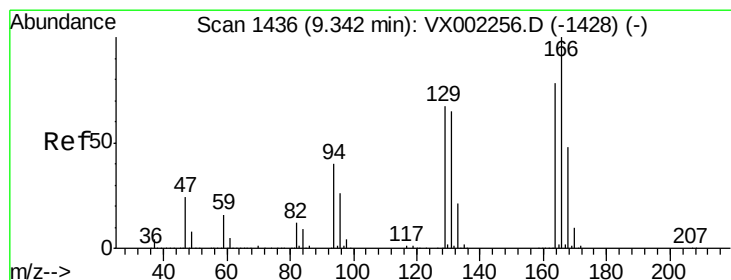
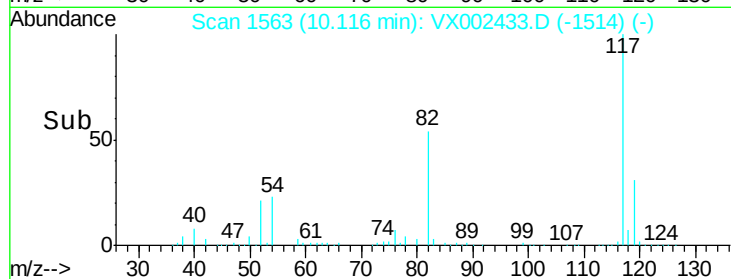
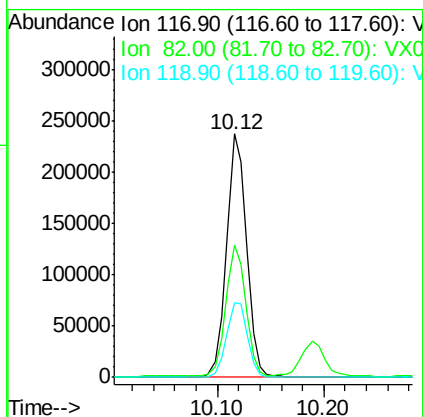
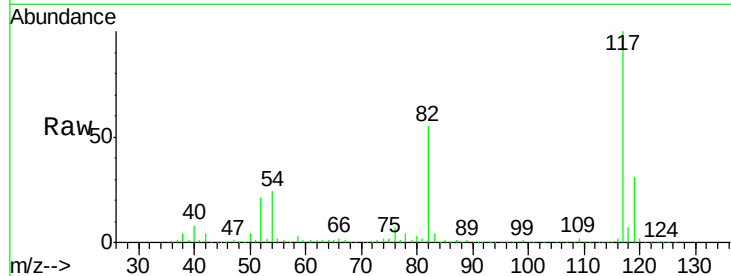




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

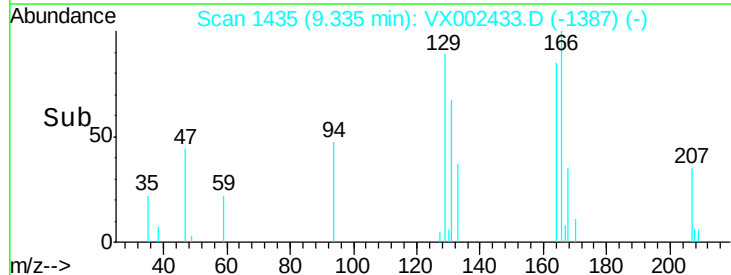
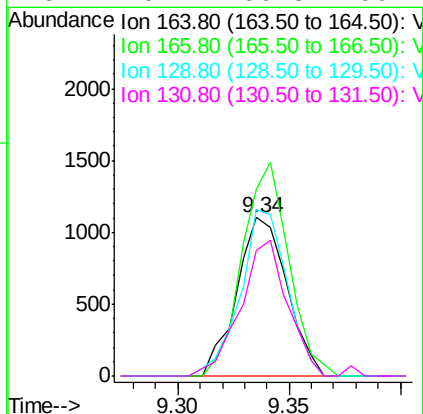
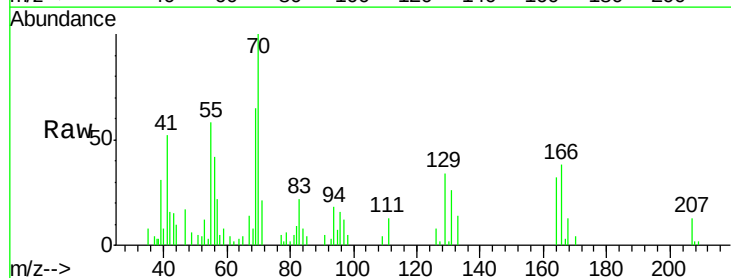
Instrument :
MSVOA_X
ClientSampleId :

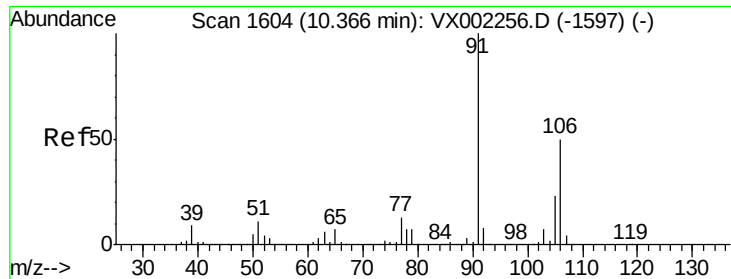
Tot Ion:117 Resp: 314771
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 30.6 25.8 38.6



#64
Tetrachloroethene
Concen: 0.53 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Tgt Ion:164 Resp: 1727
Ion Ratio Lower Upper
164 100
166 117.8 102.9 154.3
129 105.2 68.6 102.8#
131 79.1 66.8 100.2

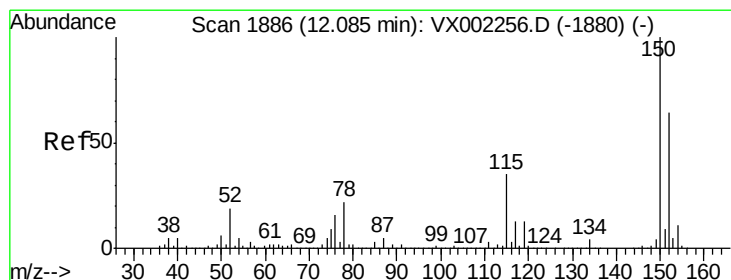
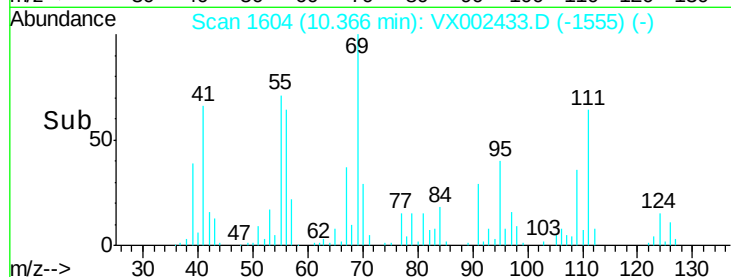
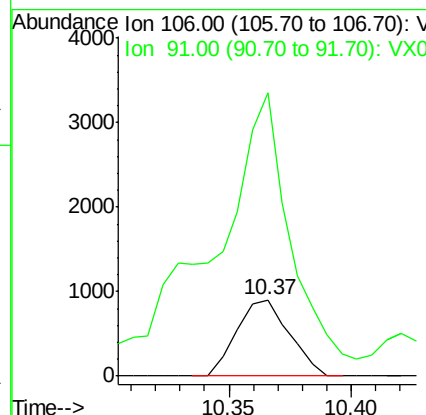
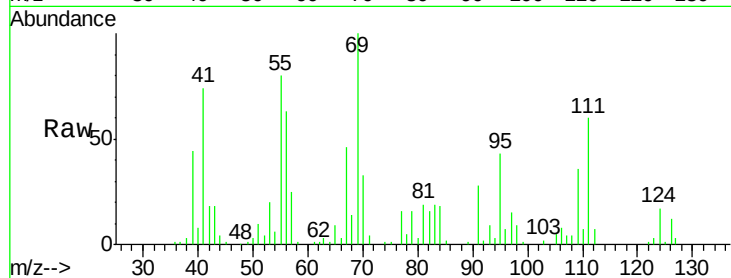




#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

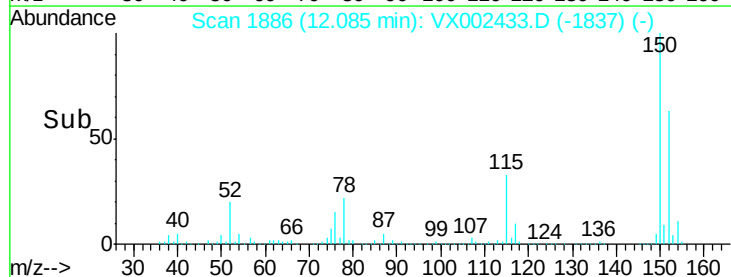
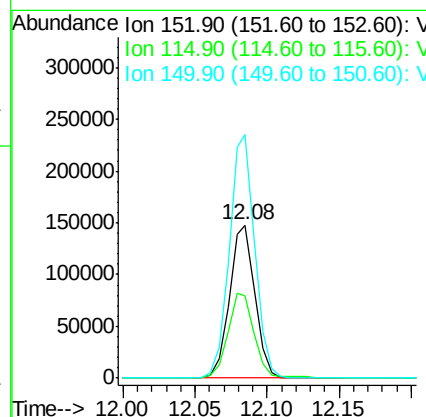
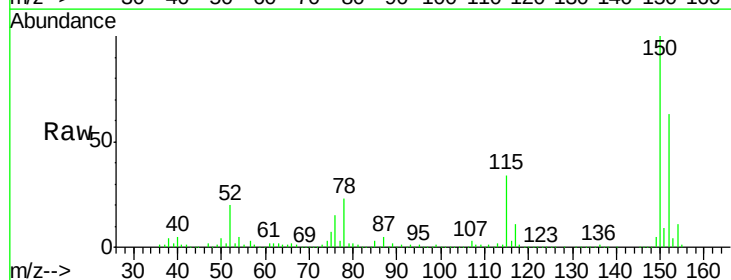
Instrument :
MSVOA_X
ClientSampled :

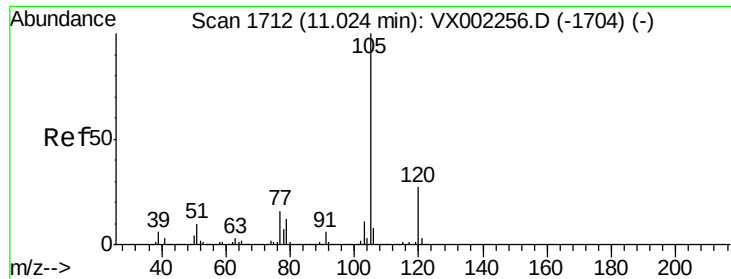
Tot Ion:106 Resp: 1350
Ion Ratio Lower Upper
106 100
91 470.4 163.4 245.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Tgt Ion:152 Resp: 183705
Ion Ratio Lower Upper
152 100
115 57.8 40.1 120.2
150 159.0 0.0 347.2





#73

Isopropylbenzene

Concen: 12.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

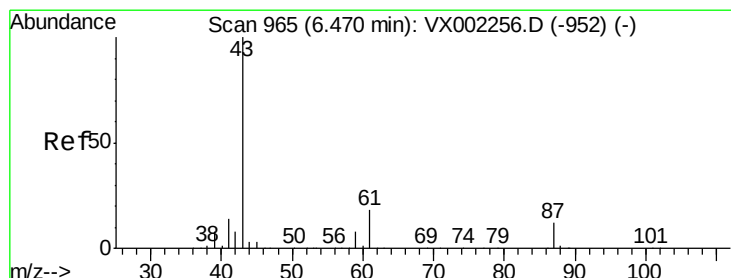
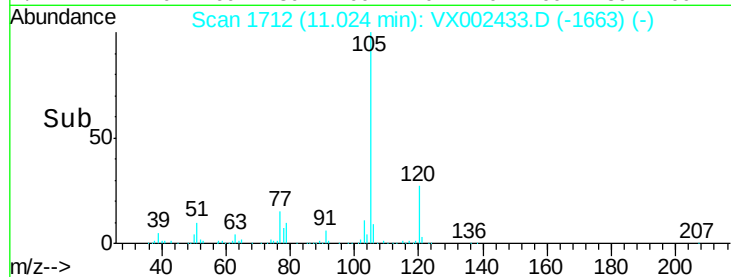
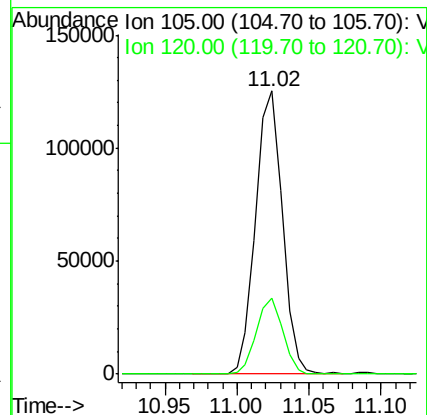
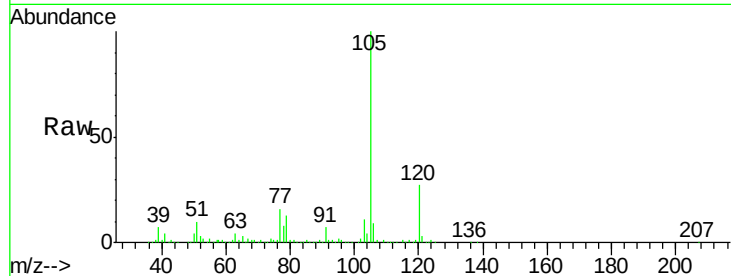
ClientSampled :

Tot Ion:105 Resp: 160445

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#74

N-ethyl acetate

Concen: 0.54 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Tgt Ion: 43 Resp: 3688

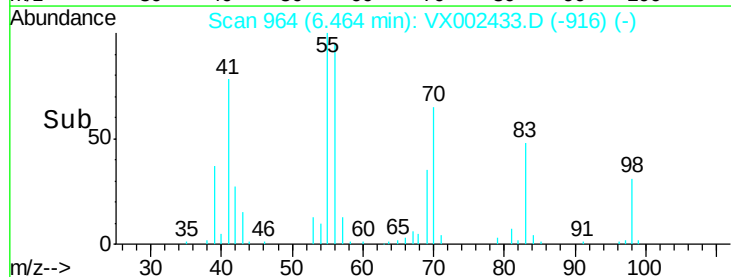
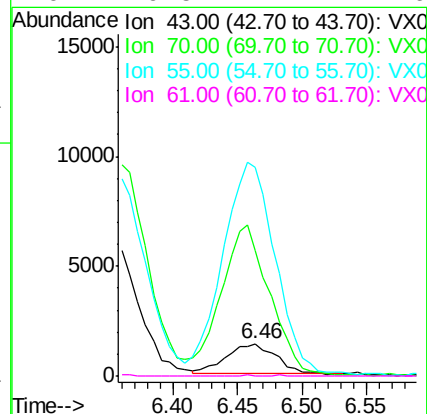
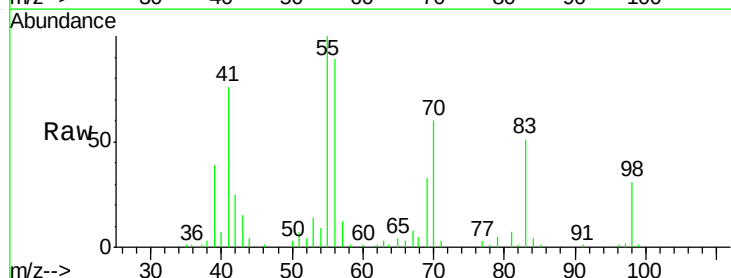
Ion Ratio Lower Upper

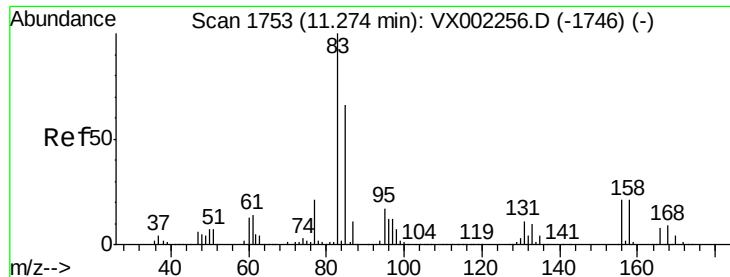
43 100

70 487.5 0.0 0.0#

55 742.6 0.0 0.0#

61 0.5 14.4 21.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.87 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

ClientSampled :

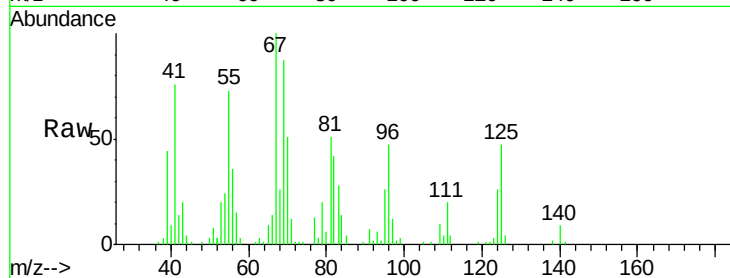
Tot Ion: 83 Resp: 3477

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

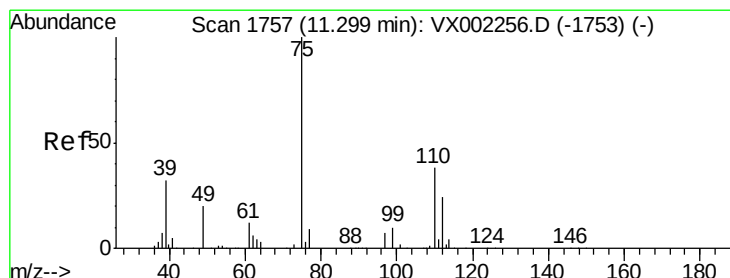
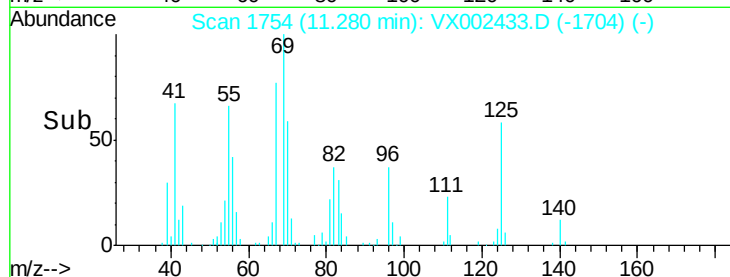
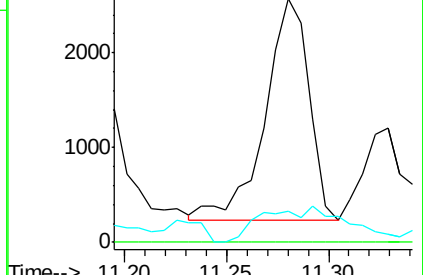
85 15.9 32.4 97.2#



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: 23.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002433.D

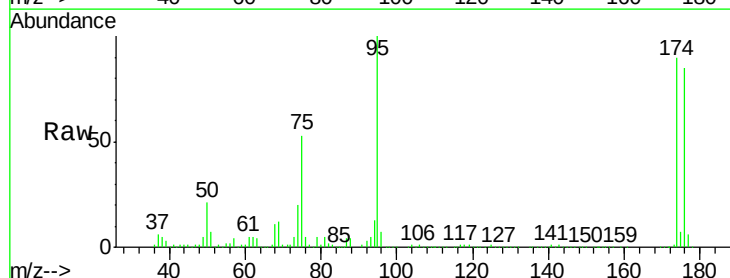
Acq: 09 Jun 2018 20:36

Tgt Ion: 75 Resp: 96056

Ion Ratio Lower Upper

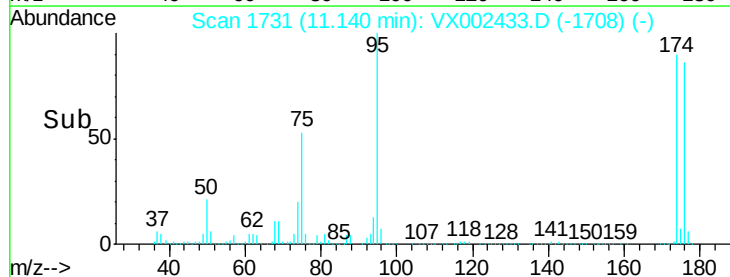
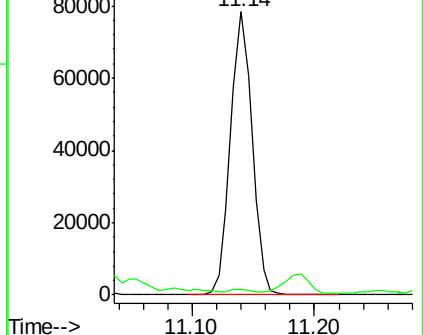
75 100

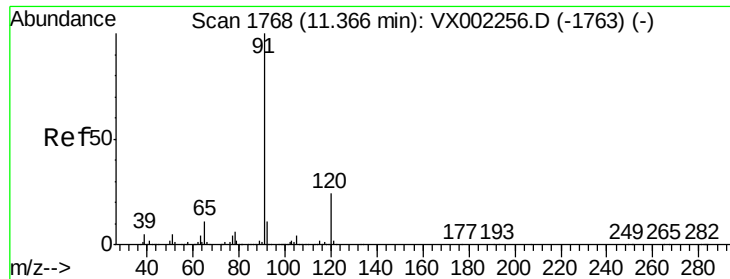
77 0.0 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

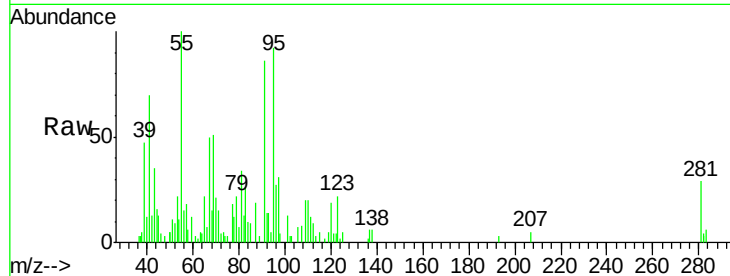
ClientSampleId :

Tot Ion: 91 Resp: 2854

Ion Ratio Lower Upper

91 100

120 21.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

2500

2000

1500

1000

500

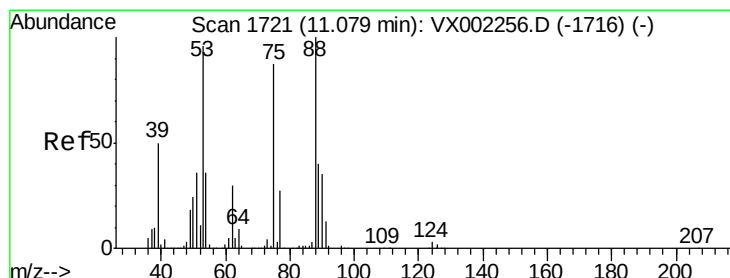
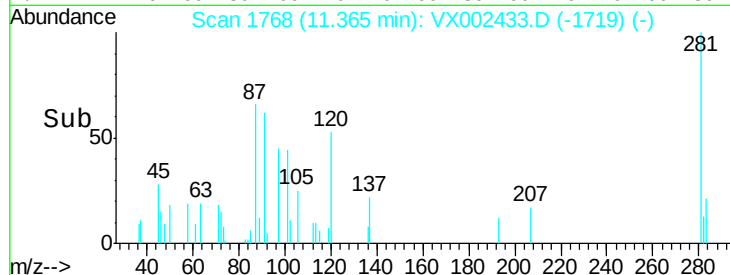
0

Time-->

11.30

11.35

11.40



#81

trans-1,4-Dichloro-2-butene

Concen: 83.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

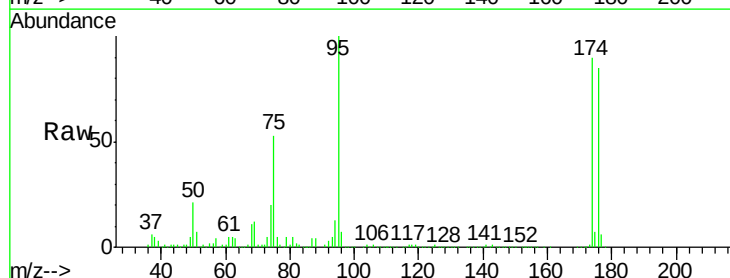
Tgt Ion: 75 Resp: 96056

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.1 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

100000

80000

60000

40000

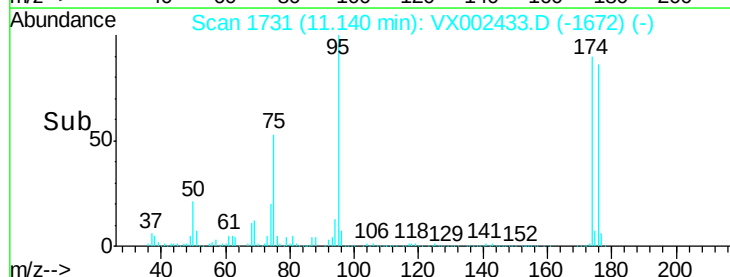
20000

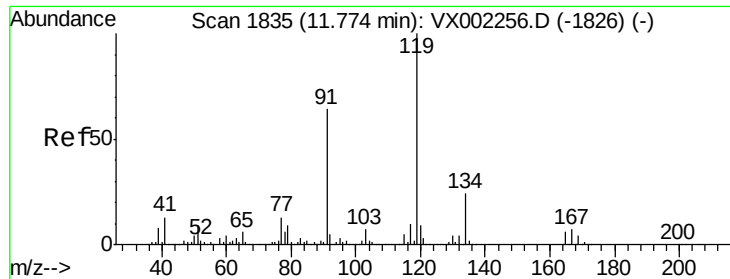
0

Time-->

11.10

11.20

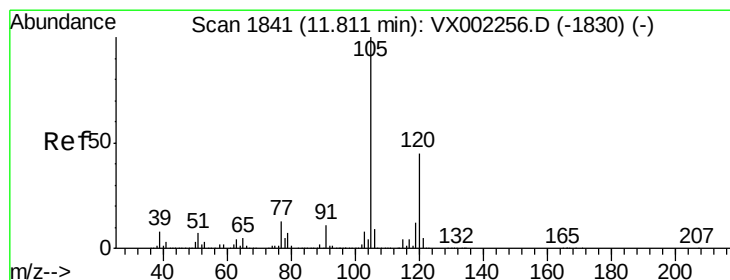
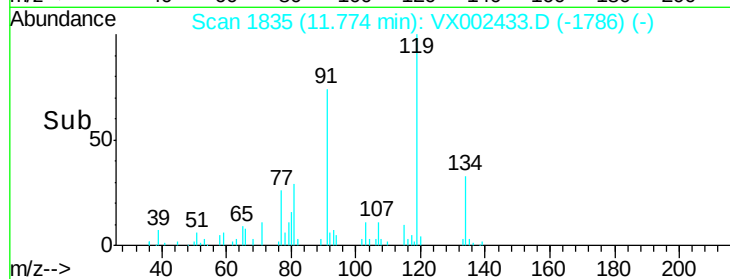
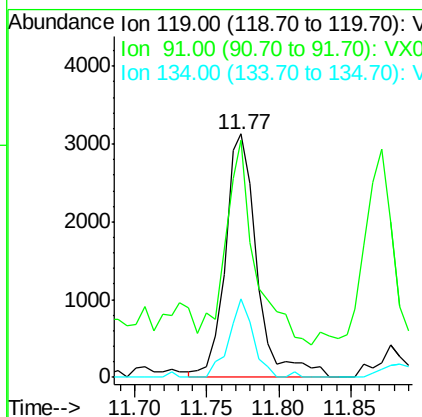
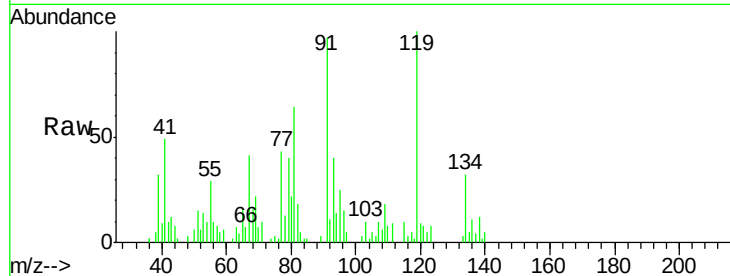




#83
 tert-Butylbenzene
 Concen: 0.45 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002433.D
 Acq: 09 Jun 2018 20:36

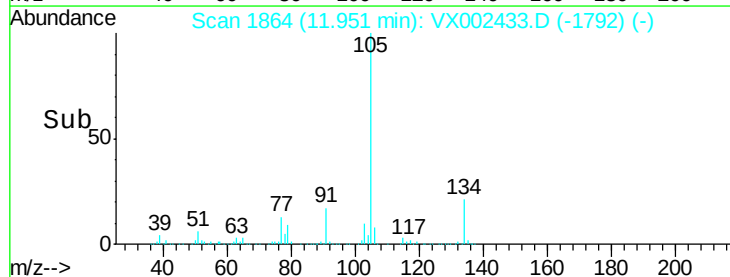
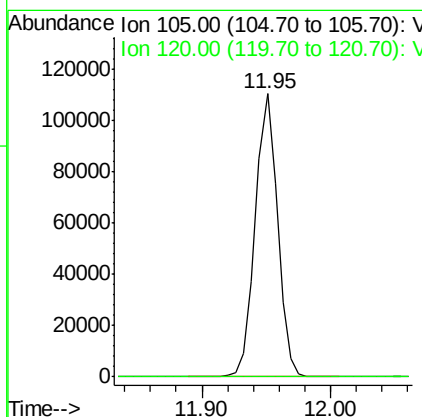
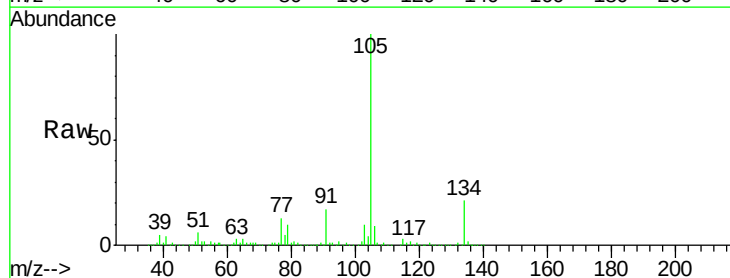
Instrument :
 MSVOA_X
 ClientSampled :

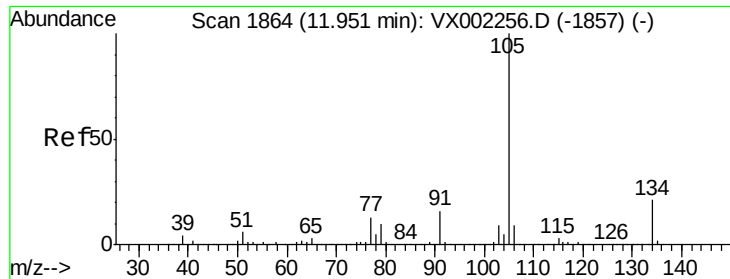
Tot Ion:119 Resp: 4836
 Ion Ratio Lower Upper
 119 100
 91 78.5 30.3 90.9
 134 24.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 11.58 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.14 min
 Lab File: VX002433.D
 Acq: 09 Jun 2018 20:36

Tgt Ion:105 Resp: 130691
 Ion Ratio Lower Upper
 105 100
 120 0.3 22.3 66.8#





#85

sec-Butylbenzene

Concen: 10.44 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

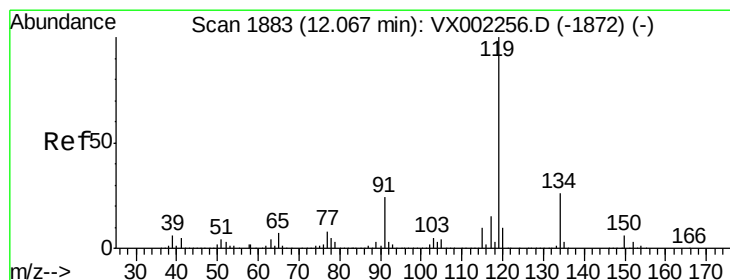
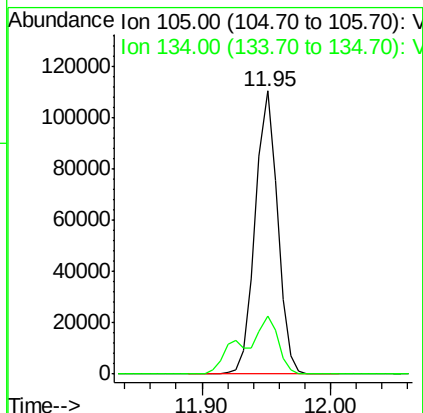
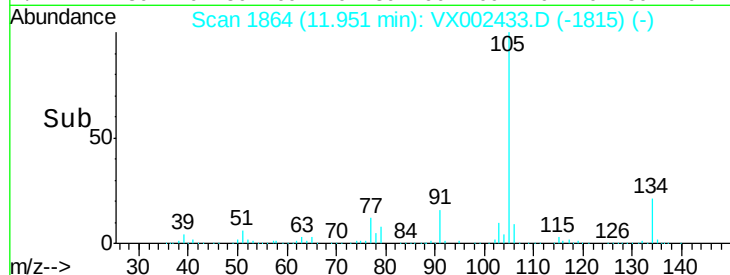
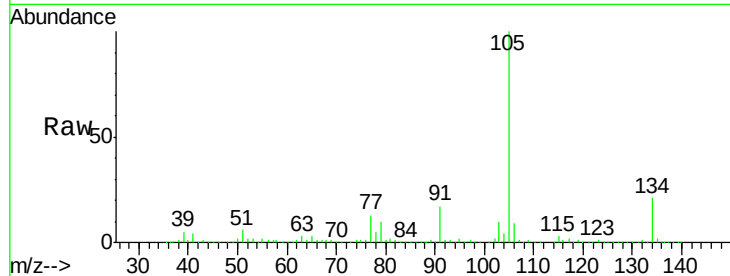
ClientSampleId :

Tot Ion:105 Resp: 130691

Ion Ratio Lower Upper

105 100

134 18.4 10.4 31.1



#86

p-Isopropyltoluene

Concen: 0.81 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

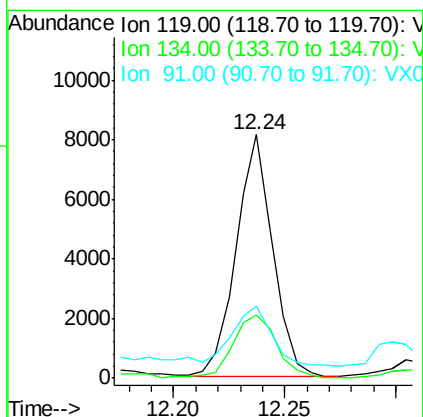
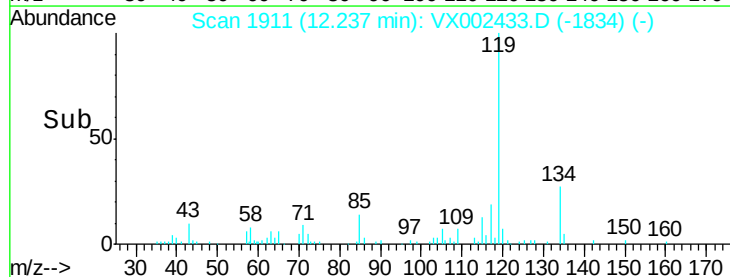
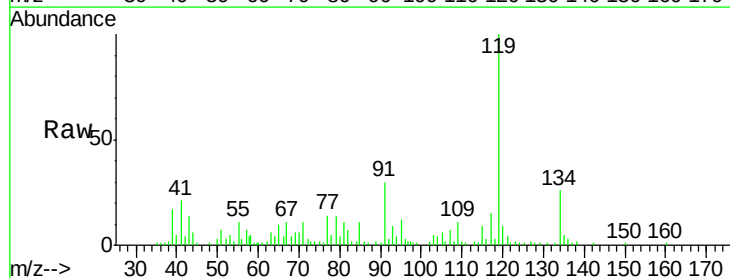
Tgt Ion:119 Resp: 9283

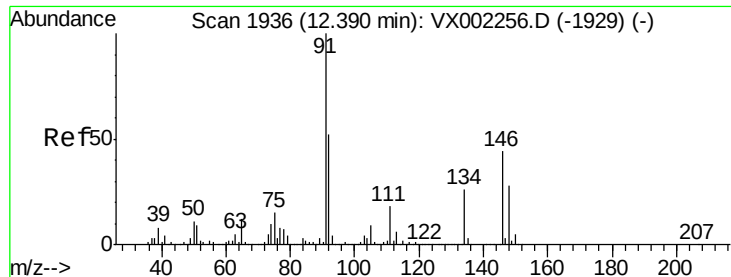
Ion Ratio Lower Upper

119 100

134 31.0 13.4 40.1

91 26.5 11.9 35.7

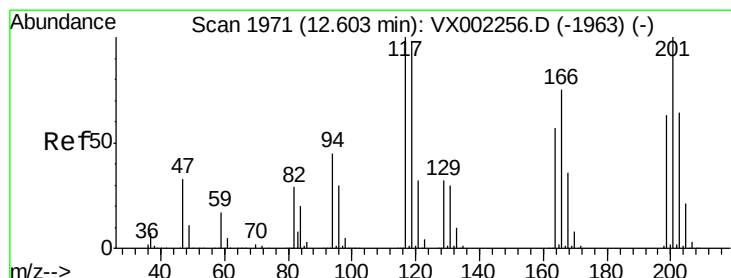
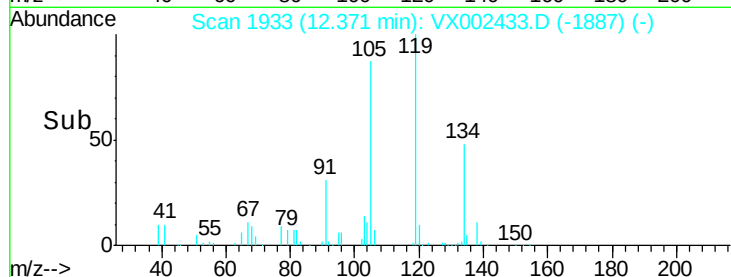
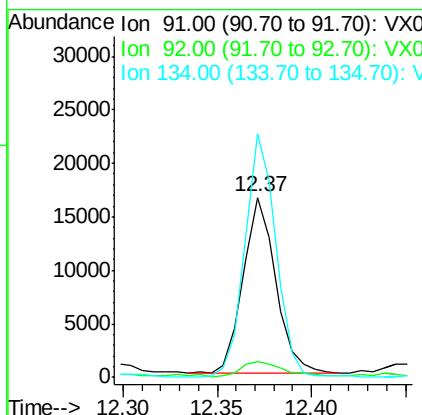
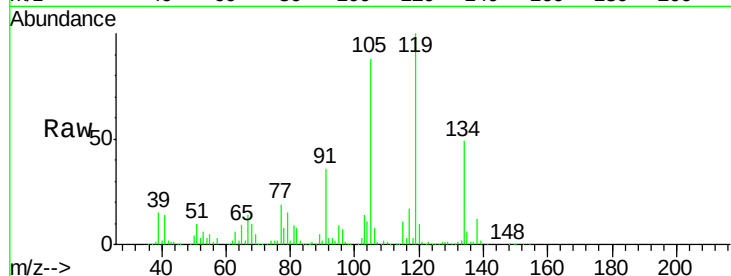




#89
n-Butylbenzene
Concen: 2.08 ug/l
RT: 12.37 min Scan# 1933
Delta R.T. -0.02 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

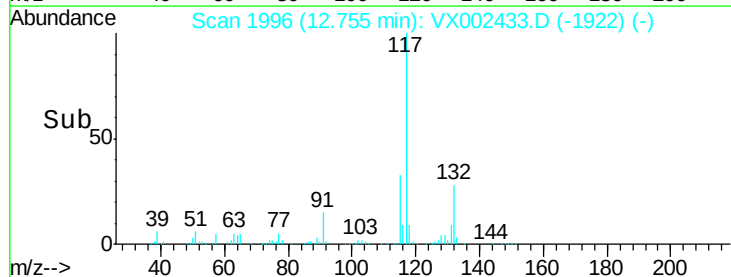
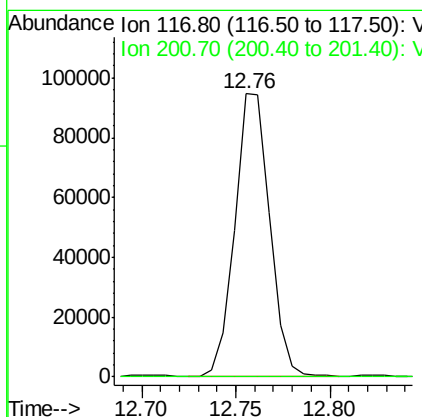
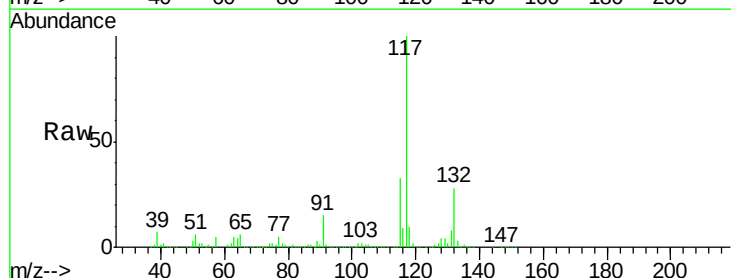
Instrument :
MSVOA_X
ClientSampleId :

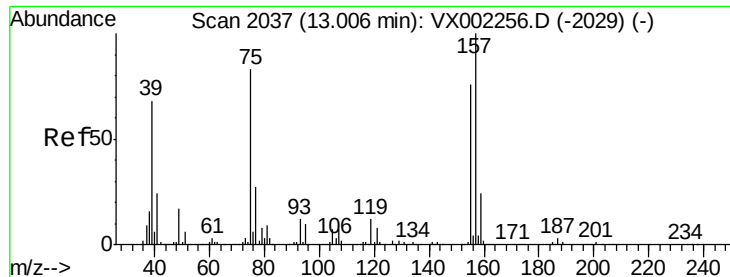
Tot Ion: 91 Resp: 19884
Ion Ratio Lower Upper
91 100
92 11.0 26.0 78.0#
134 129.9 13.5 40.5#



#90
Hexachloroethane
Concen: 66.48 ug/l
RT: 12.76 min Scan# 1996
Delta R.T. 0.15 min
Lab File: VX002433.D
Acq: 09 Jun 2018 20:36

Tgt Ion: 117 Resp: 120949
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.23 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

Instrument :

MSVOA_X

ClientSampled :

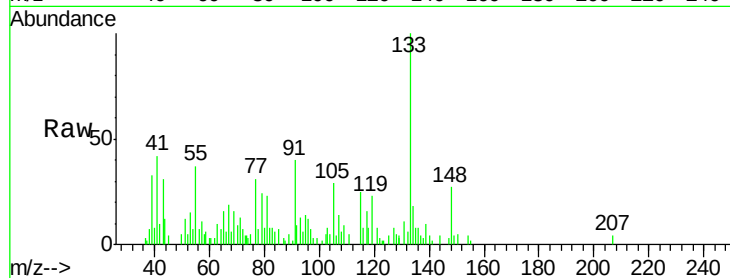
Tot Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

155 21.4 45.8 137.4#

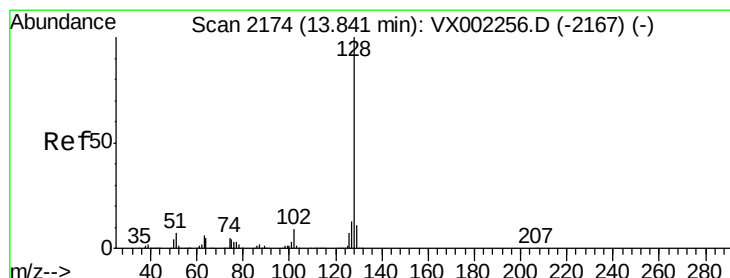
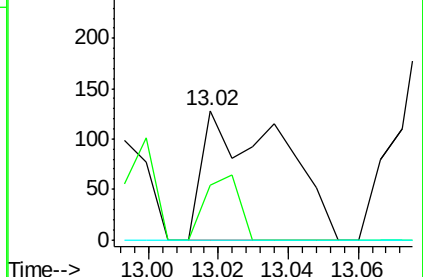
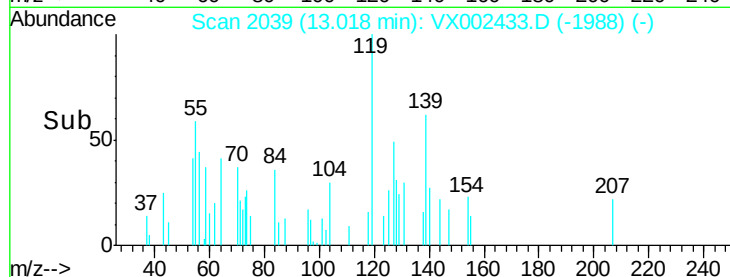
157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 0.23 ug/l

RT: 13.82 min Scan# 2170

Delta R.T. -0.02 min

Lab File: VX002433.D

Acq: 09 Jun 2018 20:36

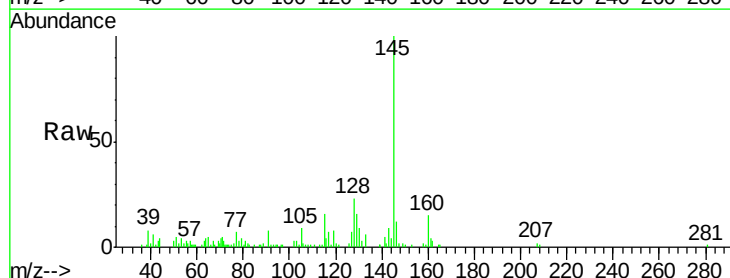
Tgt Ion: 128 Resp: 3076

Ion Ratio Lower Upper

128 100

127 26.8 10.4 15.6#

129 76.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

