

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002346.D
 Acq On : 06 Jun 2018 12:23
 Operator : JC/MD
 Sample : VX0606WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:20:25 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	268047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	383663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	233070	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	199622	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
35) Dibromofluoromethane	5.51	113	146441	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
50) Toluene-d8	8.72	98	575537	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.14	95	216405	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54662	19.62	ug/l	98
3) Chloromethane	1.32	50	60867	17.18	ug/l	99
4) Vinyl Chloride	1.41	62	65057	18.53	ug/l	99
5) Bromomethane	1.64	94	37680	16.74	ug/l	98
6) Chloroethane	1.73	64	45067	19.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	110566	20.66	ug/l	98
8) Diethyl Ether	2.19	74	41311	20.30	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64821	22.45	ug/l	99
10) Methyl Iodide	2.51	142	52912	13.03	ug/l	97
11) Tert butyl alcohol	3.06	59	83067	93.34	ug/l	99
12) 1,1-Dichloroethene	2.38	96	54557	19.12	ug/l	96
13) Acrolein	2.29	56	28645	68.17	ug/l	100
14) Allyl chloride	2.73	41	109900	17.75	ug/l	99
15) Acrylonitrile	3.15	53	173620	100.64	ug/l	100
16) Acetone	2.45	43	185912	101.38	ug/l	100
17) Carbon Disulfide	2.57	76	121969	16.22	ug/l	97
18) Methyl Acetate	2.78	43	82982	19.99	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	212707	19.97	ug/l	100
20) Methylene Chloride	2.86	84	64593	19.63	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	58358	18.55	ug/l	100
22) Diisopropyl ether	3.87	45	225348	20.92	ug/l	94
23) Vinyl Acetate	3.82	43	984143	98.03	ug/l	100
24) 1,1-Dichloroethane	3.70	63	117201	19.15	ug/l	99
25) 2-Butanone	4.71	43	231681	88.15	ug/l	98
26) 2,2-Dichloropropane	4.59	77	77836	16.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58426	17.07	ug/l	95
28) Bromochloromethane	5.02	49	58087	20.19	ug/l	100
29) Tetrahydrofuran	5.17	42	144795	85.45	ug/l	99
30) Chloroform	5.22	83	102770	17.40	ug/l	97
31) Cyclohexane	5.58	56	90795	18.76	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	87352	17.44	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74074	18.37	ug/l	99
37) Ethyl Acetate	4.86	43	88338	18.21	ug/l	100
38) Carbon Tetrachloride	5.79	117	75351	17.86	ug/l	99

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Quant Time: Jun 07 03:20:25 2018
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 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	95528	19.33	ug/l	98
40) Benzene	6.15	78	225659	18.25	ug/l	99
41) Methacrylonitrile	5.07	41	49767	17.92	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92799	18.89	ug/l	100
43) Isopropyl Acetate	6.47	43	146436	17.77	ug/l	100
44) Trichloroethene	7.22	130	63601	18.53	ug/l	97
45) 1,2-Dichloropropane	7.52	63	61659	18.47	ug/l	95
46) Dibromomethane	7.67	93	40821	18.04	ug/l	99
47) Bromodichloromethane	7.90	83	71438	17.45	ug/l	97
48) Methyl methacrylate	7.78	41	74261	17.94	ug/l	97
49) 1,4-Dioxane	7.76	88	28665	370.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	476183	92.81	ug/l	99
52) Toluene	8.79	92	148775	18.91	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	85828	17.48	ug/l	95
54) cis-1,3-Dichloropropene	9.04	75	77956	16.83	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61859	19.12	ug/l	95
56) Ethyl methacrylate	9.18	69	95060	18.41	ug/l	99
57) 1,3-Dichloropropane	9.38	76	101523	18.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	226686	94.83	ug/l	99
59) 2-Hexanone	9.50	43	370892	93.59	ug/l	100
60) Dibromochloromethane	9.59	129	56067	17.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	64043	18.99	ug/l	98
64) Tetrachloroethene	9.34	164	72106	18.85	ug/l	98
65) Chlorobenzene	10.14	112	172268	18.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	58399	17.48	ug/l	98
67) Ethyl Benzene	10.26	91	293486	19.01	ug/l	99
68) m/p-Xylenes	10.36	106	226910	37.80	ug/l	99
69) o-Xylene	10.70	106	112084	18.76	ug/l	99
70) Styrene	10.71	104	181780	18.61	ug/l	99
71) Bromoform	10.86	173	40945	16.19	ug/l #	99
73) Isopropylbenzene	11.02	105	303249	18.70	ug/l	99
74) N-amyl acetate	6.47	43	146436	16.76	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89765	17.60	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101025	19.75	ug/l	80
77) Bromobenzene	11.26	156	81035	17.80	ug/l	99
78) n-propylbenzene	11.37	91	348290	19.33	ug/l	100
79) 2-Chlorotoluene	11.43	91	203763	17.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	258858	18.61	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20460	14.02	ug/l	86
82) 4-Chlorotoluene	11.51	91	240546	18.31	ug/l	100
83) tert-Butylbenzene	11.77	119	248918	18.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	266532	18.62	ug/l	98
85) sec-Butylbenzene	11.95	105	314775	19.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	282524	19.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	148558	18.25	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151922	18.11	ug/l	100
89) n-Butylbenzene	12.39	91	243856	20.11	ug/l	100
90) Hexachloroethane	12.60	117	36455	15.79	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	153504	18.23	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18180	16.30	ug/l	99

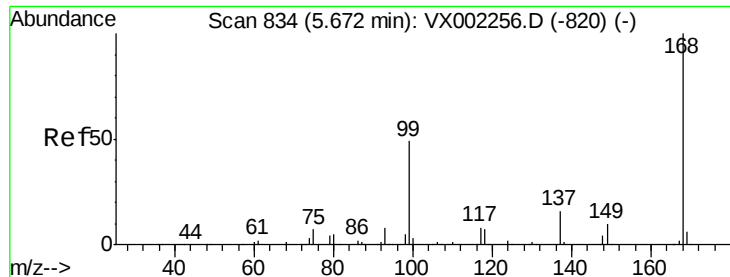
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111476	18.88	ug/l	99
94) Hexachlorobutadiene	13.79	225	59299	20.32	ug/l	99
95) Naphthalene	13.84	128	312431	18.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113351	18.82	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: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

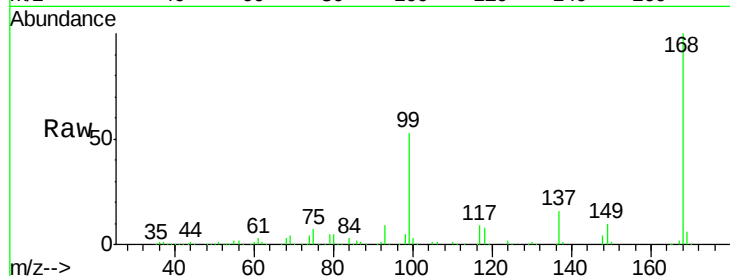
ClientSampled :

Tot Ion:168 Resp: 268047

Ion Ratio Lower Upper

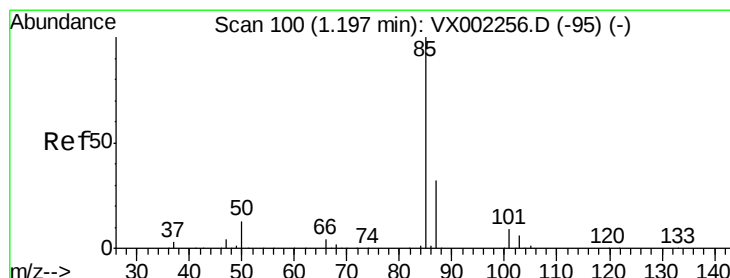
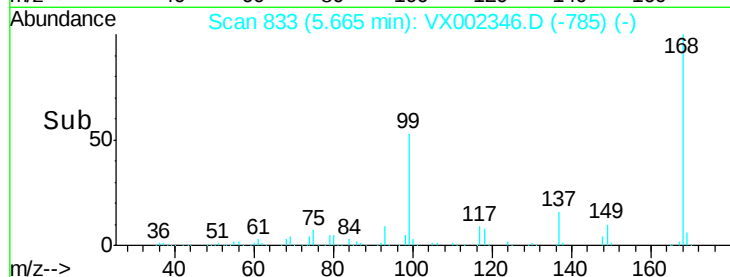
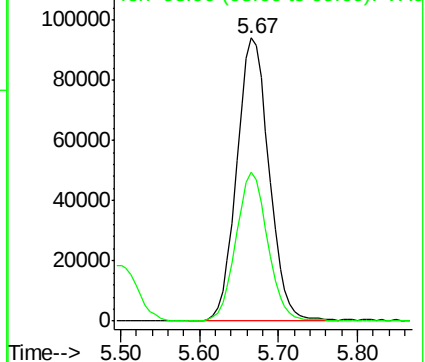
168 100

99 52.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002346.D

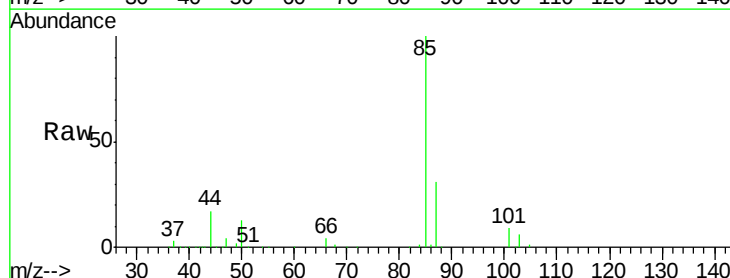
Acq: 06 Jun 2018 12:23

Tgt Ion: 85 Resp: 54662

Ion Ratio Lower Upper

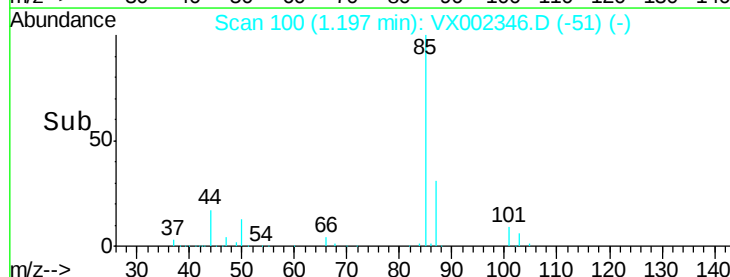
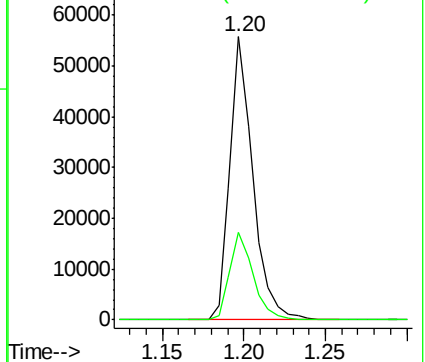
85 100

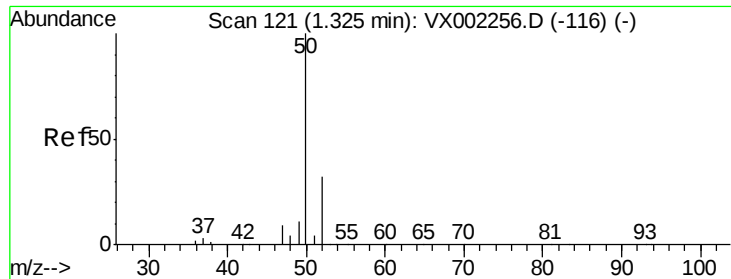
87 30.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

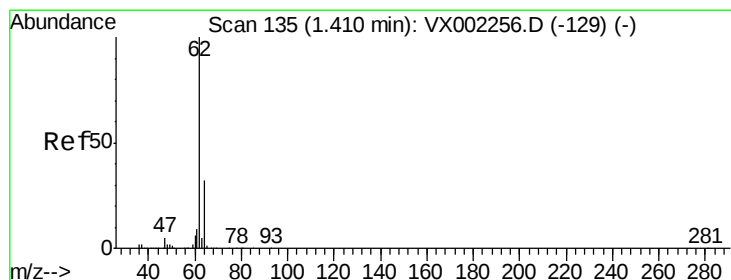
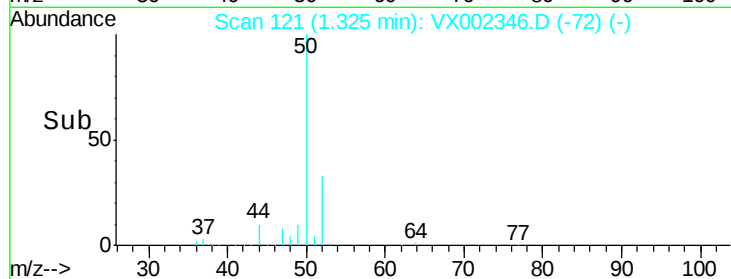
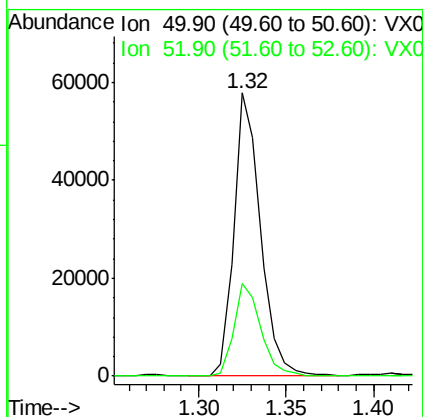
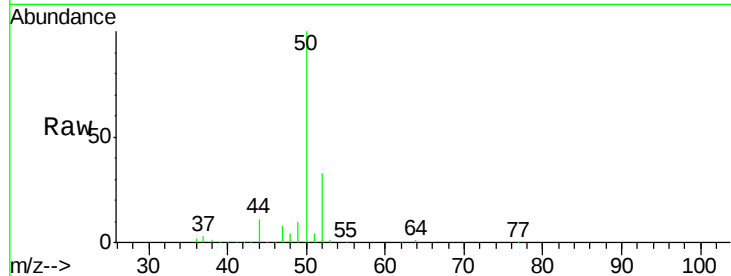




#3
Chloromethane
Concen: 17.18 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

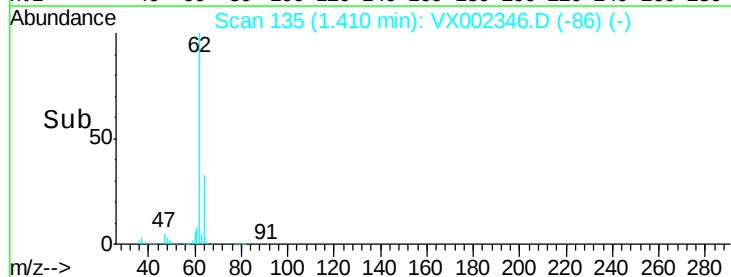
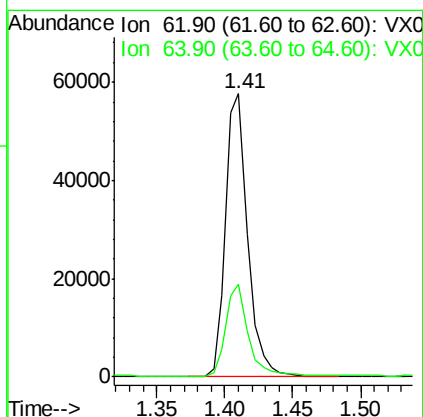
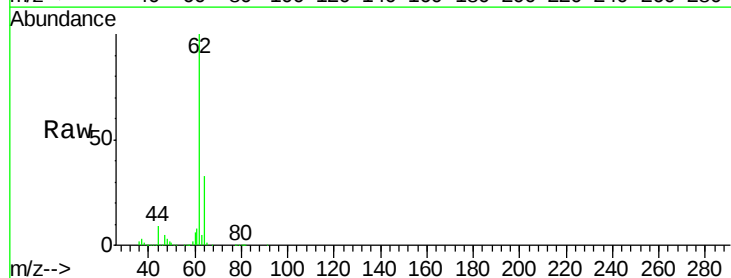
Instrument :
MSVOA_X
ClientSampleId :

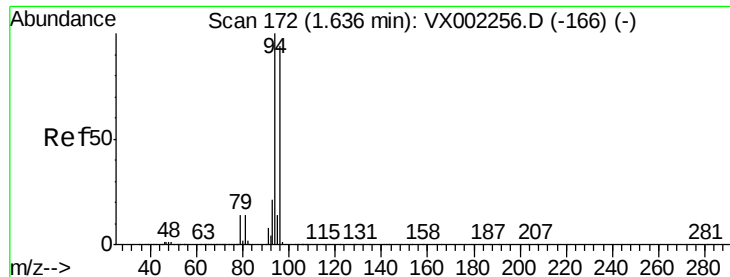
Tot Ion: 50 Resp: 60867
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5



#4
Vinyl Chloride
Concen: 18.53 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 62 Resp: 65057
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2





#5

Bromomethane

Concen: 16.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

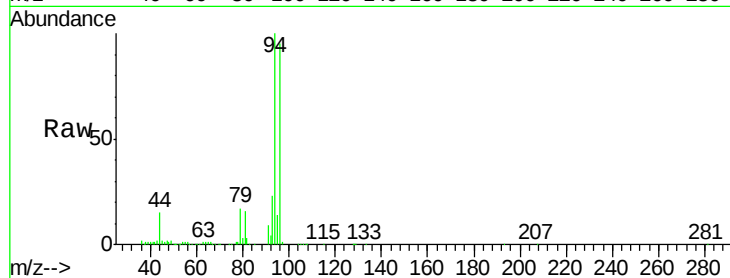
ClientSampleId :

Tot Ion: 94 Resp: 37680

Ion Ratio Lower Upper

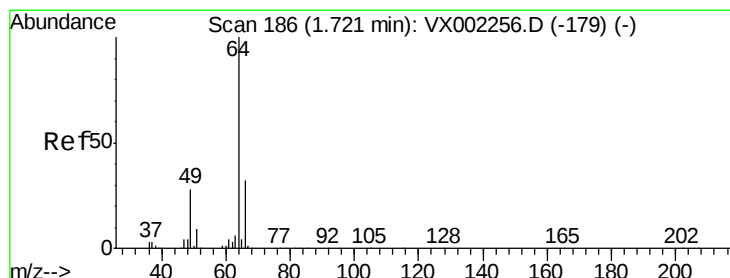
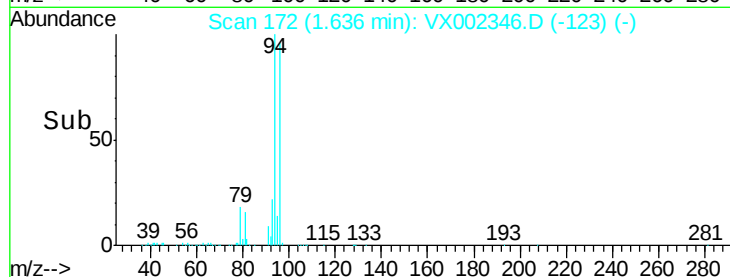
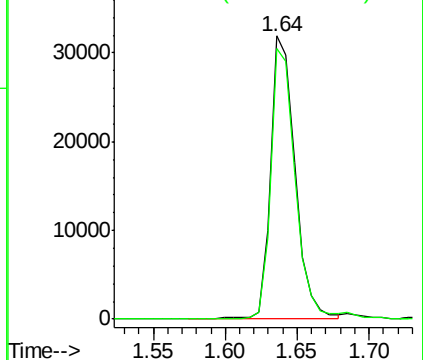
94 100

96 95.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.84 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002346.D

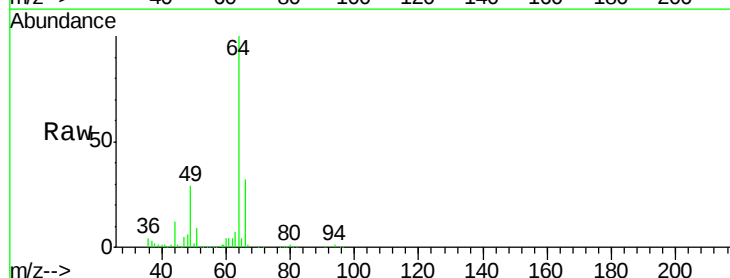
Acq: 06 Jun 2018 12:23

Tgt Ion: 64 Resp: 45067

Ion Ratio Lower Upper

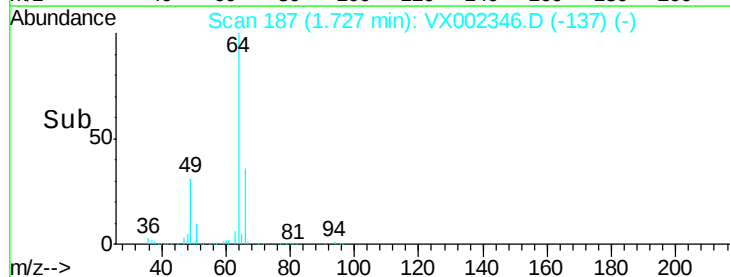
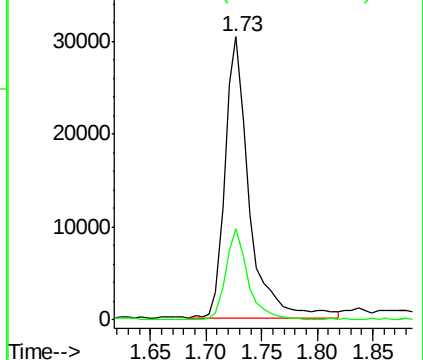
64 100

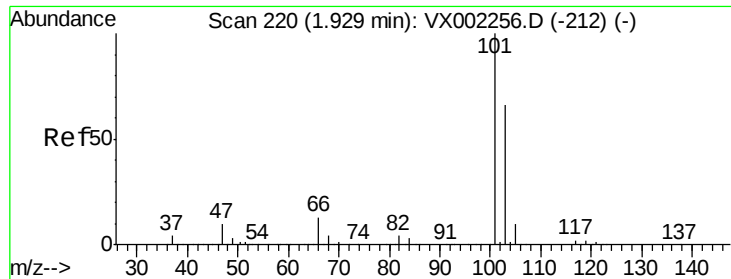
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



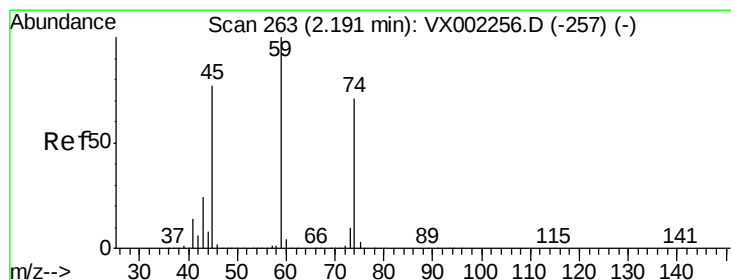
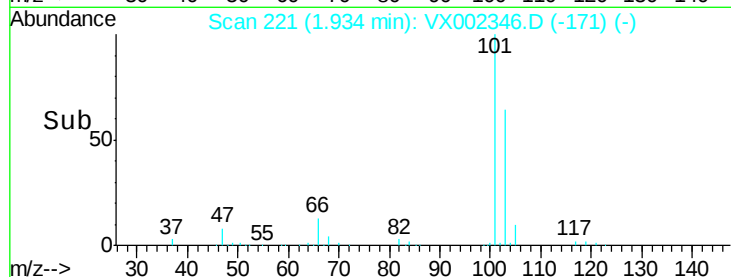
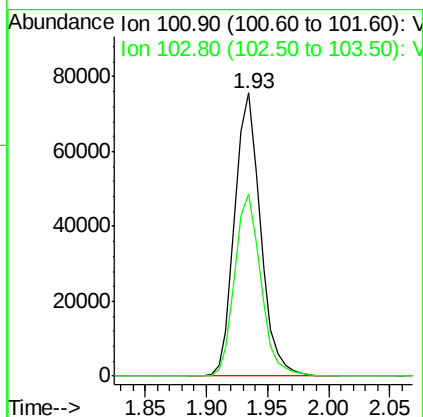
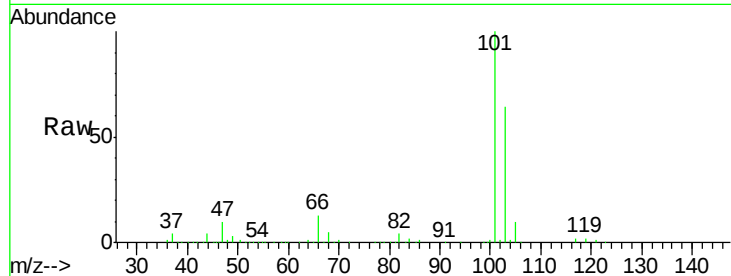


#7

Trichlorofluoromethane
 Concen: 20.66 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Instrument :
 MSVOA_X
 ClientSampleId :

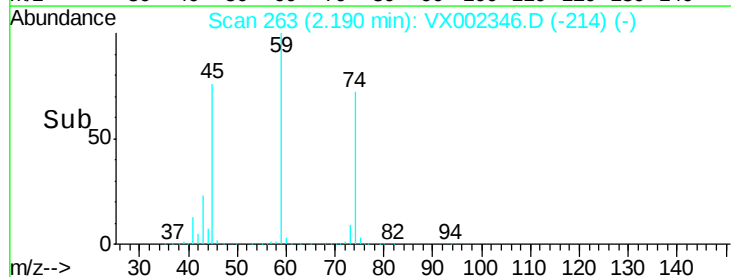
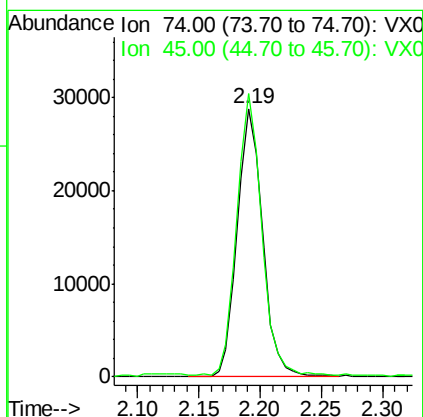
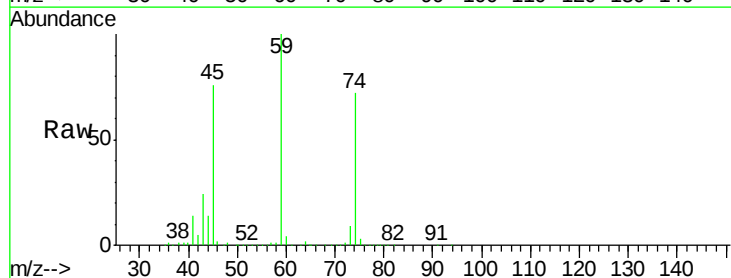
Tot Ion:101 Resp: 110566
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.8 79.2

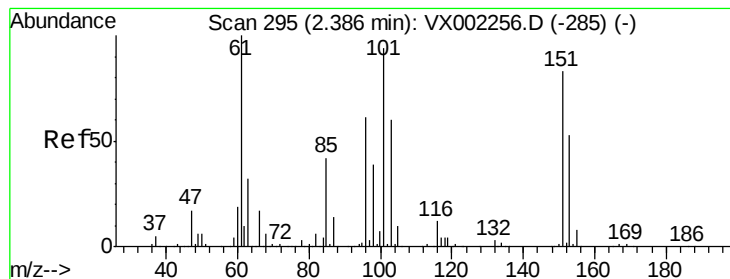


#8

Diethyl Ether
 Concen: 20.30 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion: 74 Resp: 41311
 Ion Ratio Lower Upper
 74 100
 45 102.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

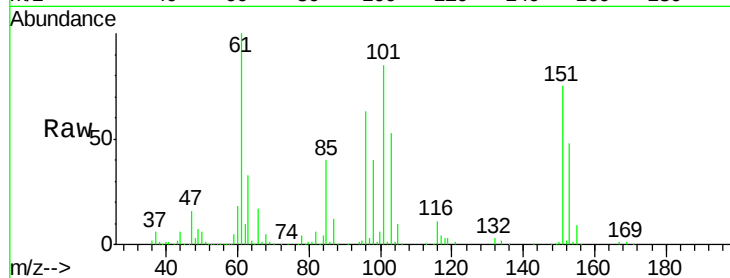
Tot Ion:101 Resp: 64821

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

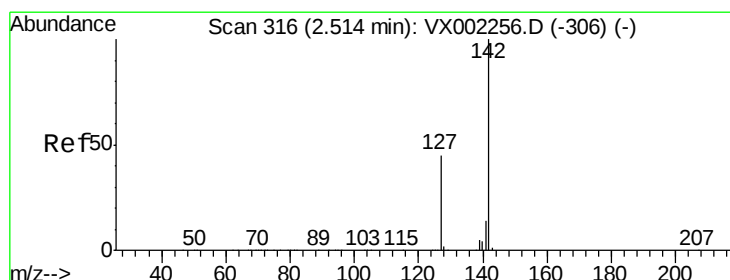
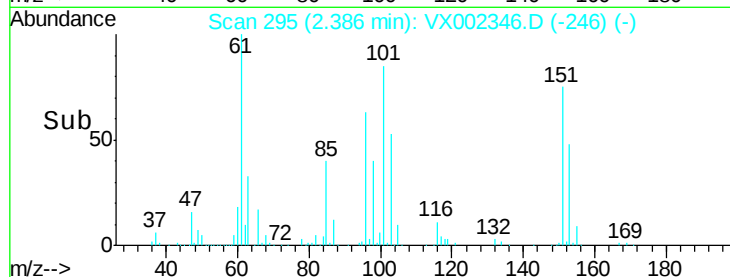
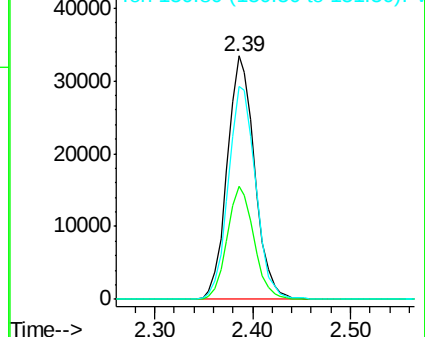
151 87.6 70.9 106.3



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: 13.03 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

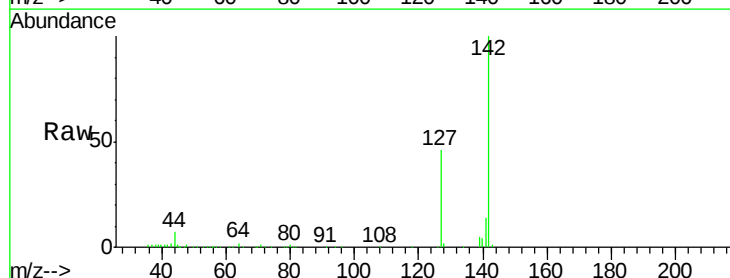
Tgt Ion:142 Resp: 52912

Ion Ratio Lower Upper

142 100

127 48.1 36.6 55.0

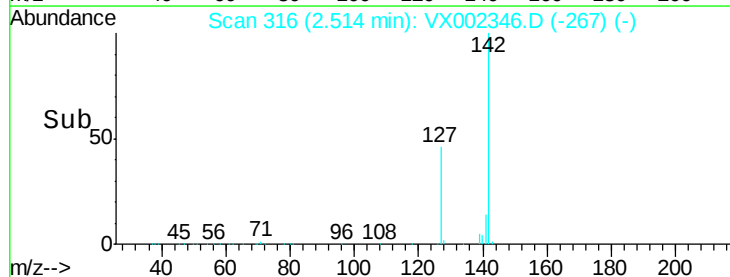
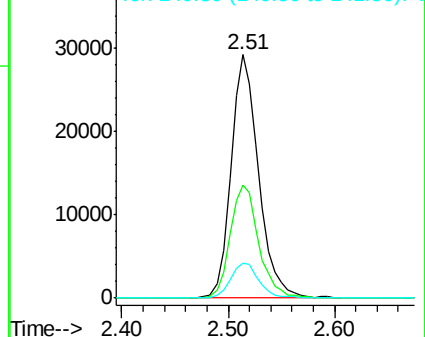
141 14.8 11.3 16.9

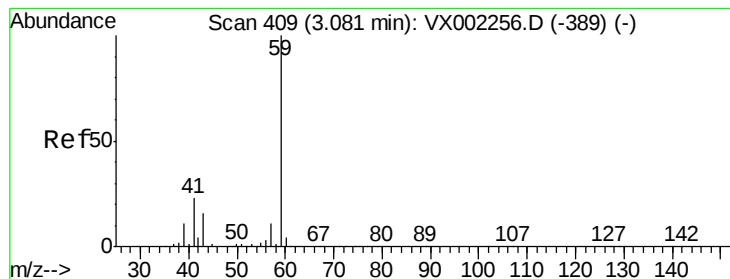


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.34 ug/l

RT: 3.06 min Scan# 406

Delta R.T. -0.02 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

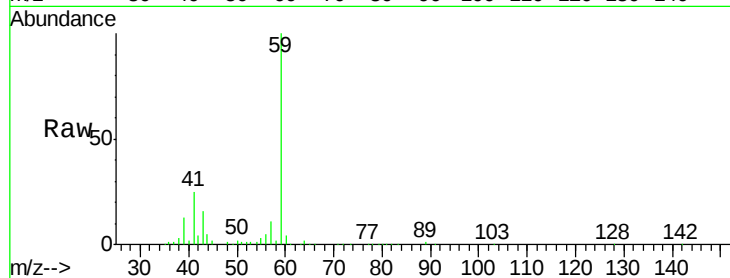
ClientSampleId :

Tot Ion: 59 Resp: 83067

Ion Ratio Lower Upper

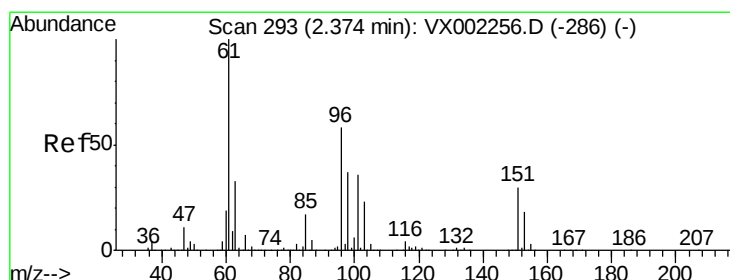
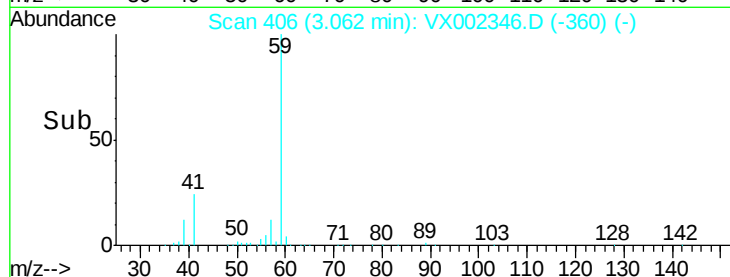
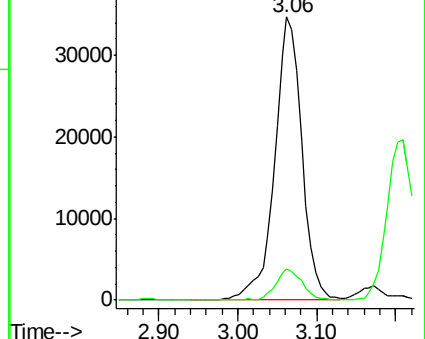
59 100

57 10.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.12 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

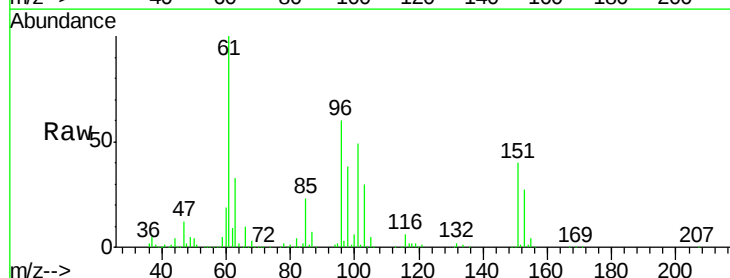
Tgt Ion: 96 Resp: 54557

Ion Ratio Lower Upper

96 100

61 166.7 137.9 206.9

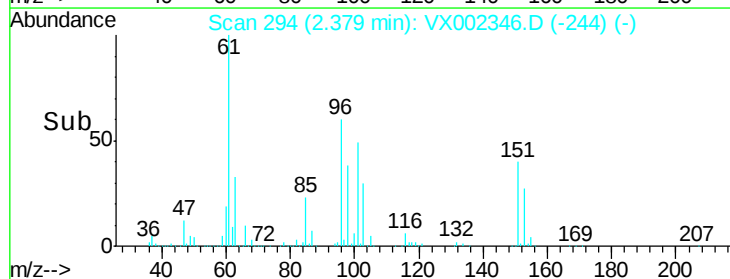
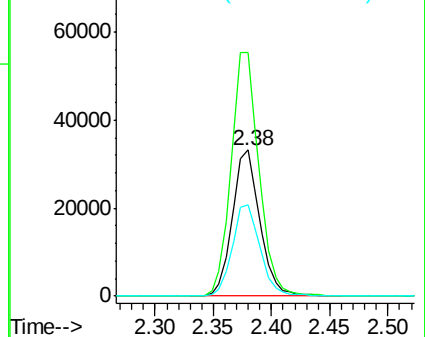
98 62.9 51.6 77.4

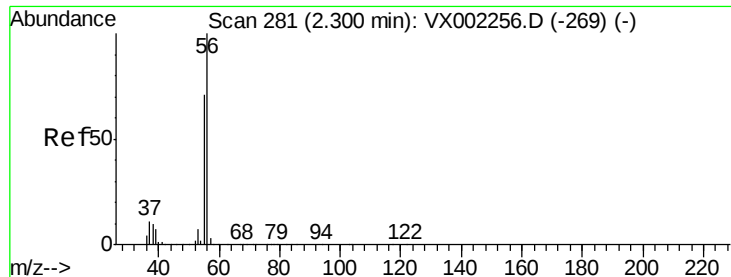


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 68.17 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

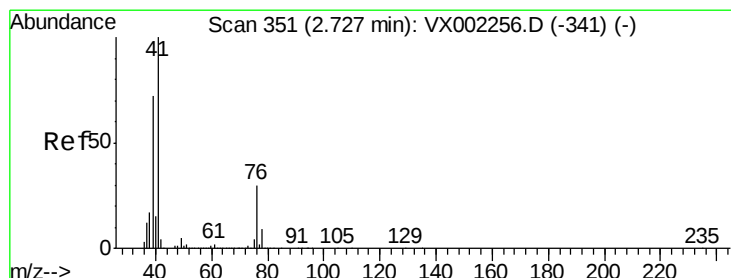
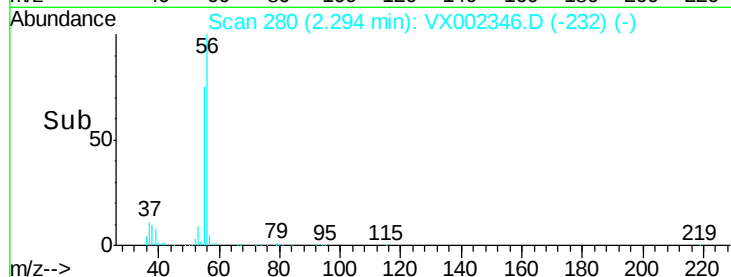
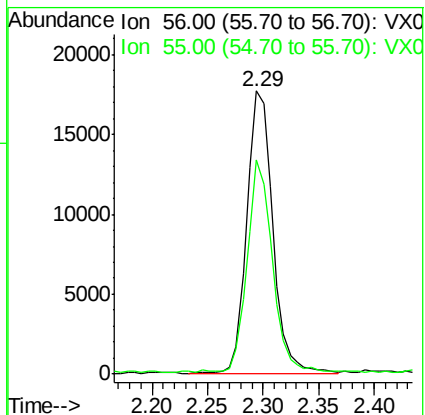
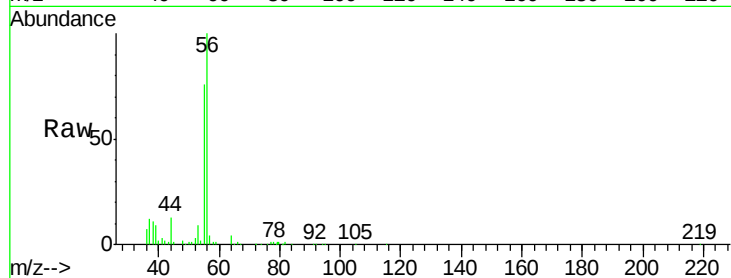
ClientSampleId :

Tot Ion: 56 Resp: 28645

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 17.75 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

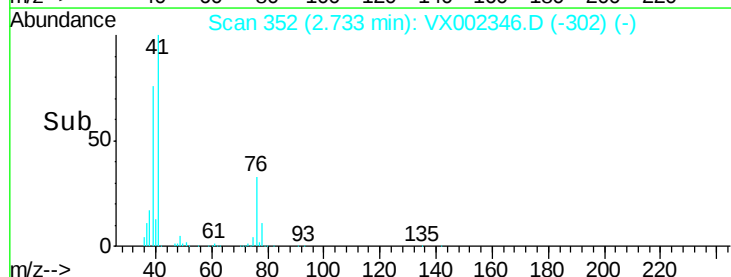
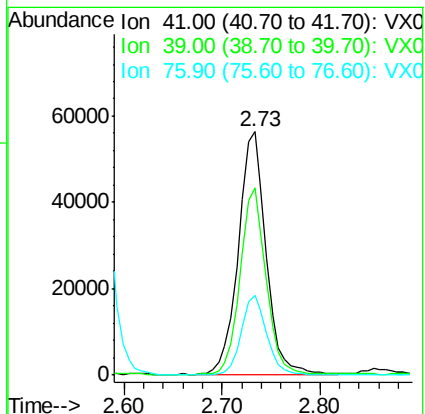
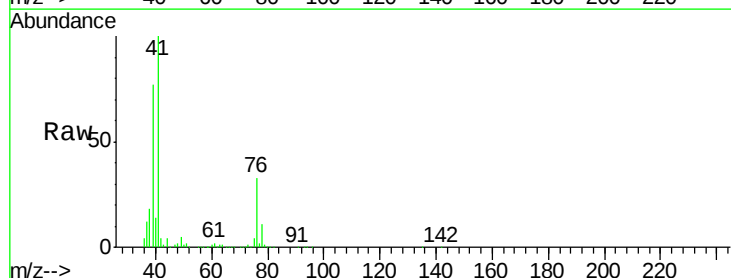
Tgt Ion: 41 Resp: 109900

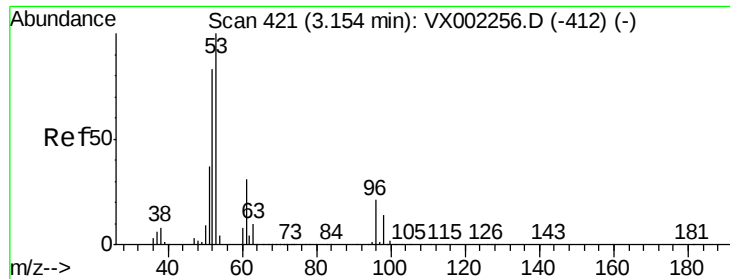
Ion Ratio Lower Upper

41 100

39 71.8 56.8 85.2

76 30.2 23.8 35.8

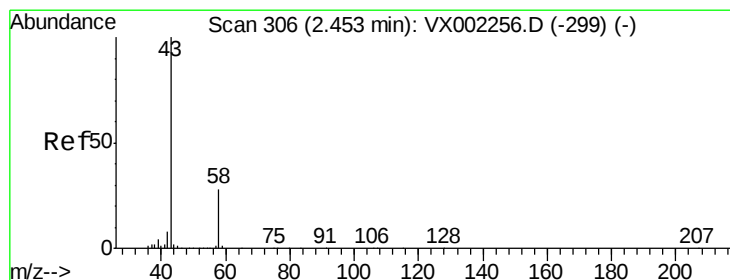
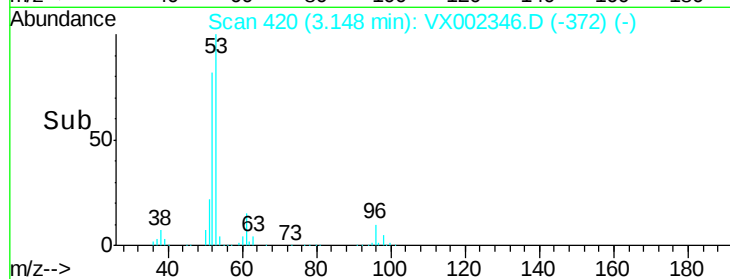
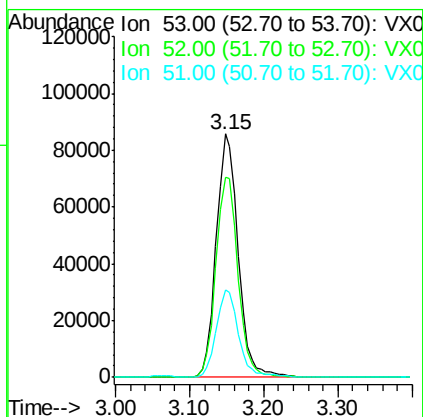
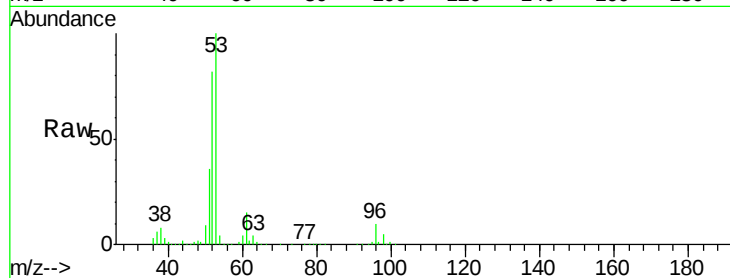




#15
 Acrylonitrile
 Concen: 100.64 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

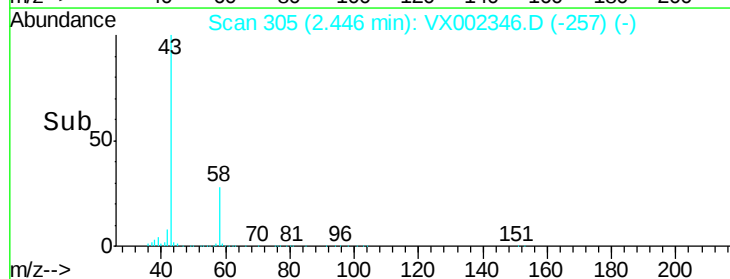
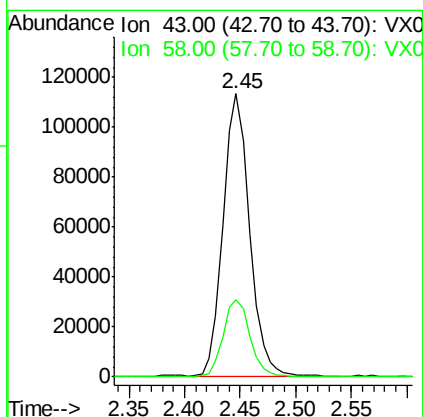
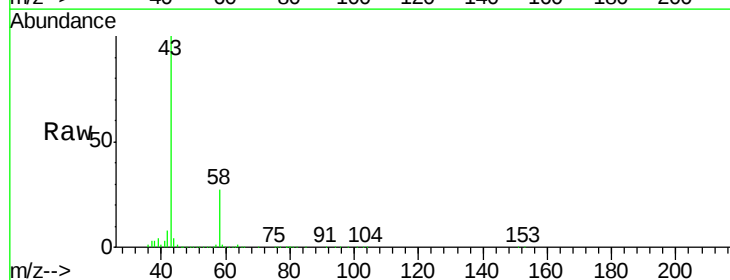
Instrument :
 MSVOA_X
 ClientSampled :

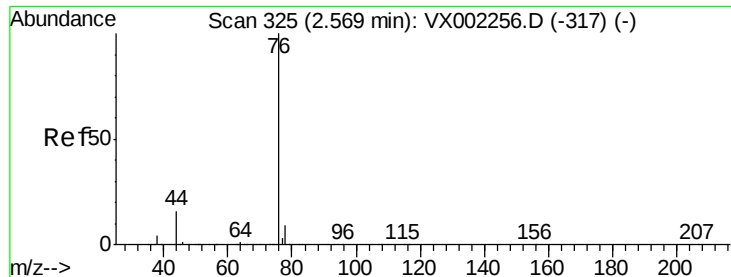
Tot Ion: 53 Resp: 173620
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.7 100.1
 51 36.8 29.9 44.9



#16
 Acetone
 Concen: 101.38 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion: 43 Resp: 185912
 Ion Ratio Lower Upper
 43 100
 58 27.5 22.1 33.1

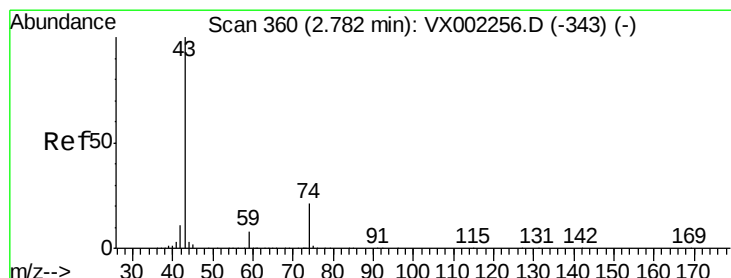
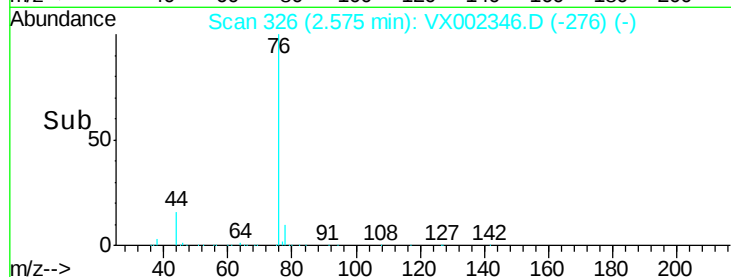
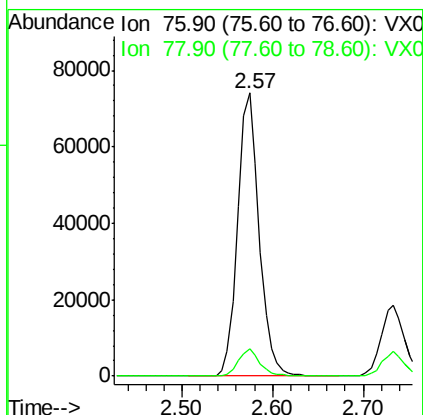
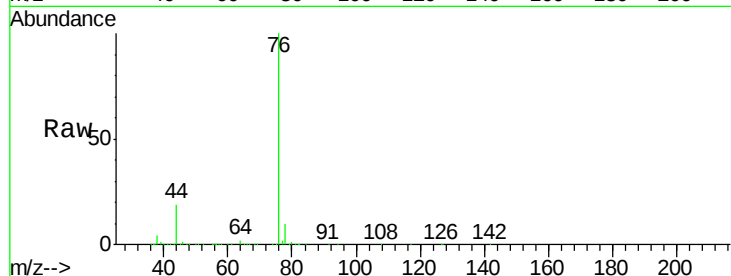




#17
Carbon Disulfide
Concen: 16.22 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

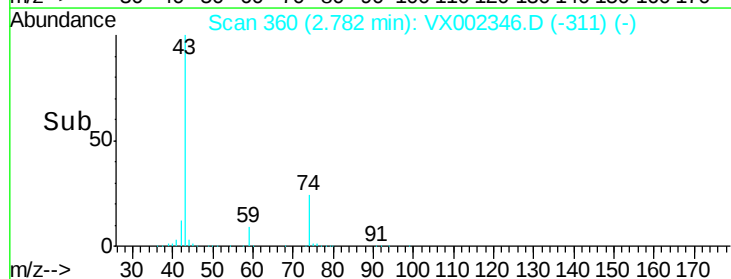
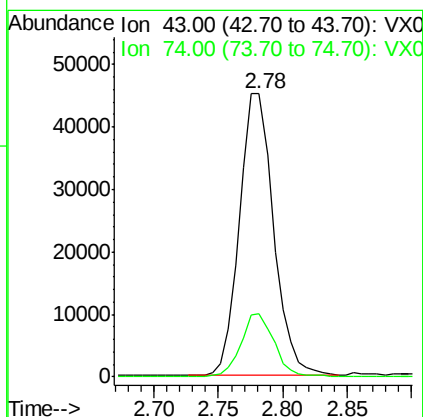
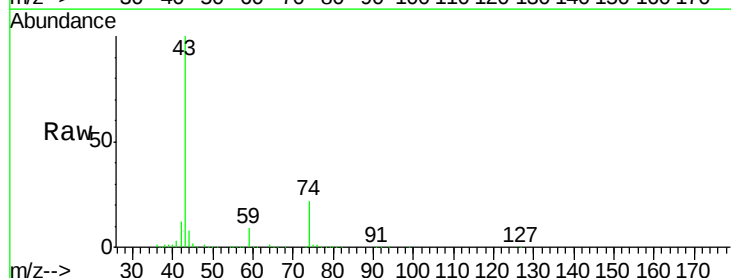
Instrument :
MSVOA_X
ClientSampled :

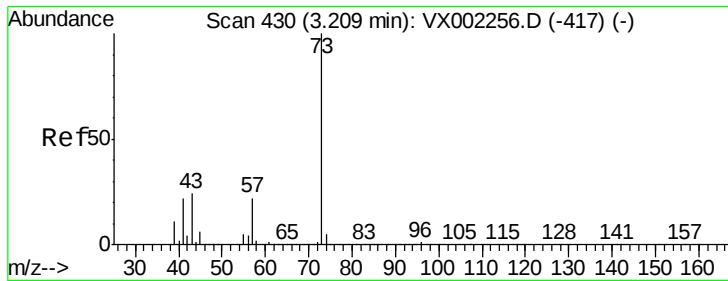
Tot Ion: 76 Resp: 121969
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3



#18
Methyl Acetate
Concen: 19.99 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 43 Resp: 82982
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1

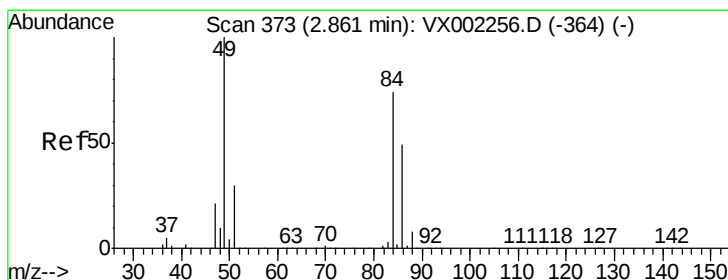
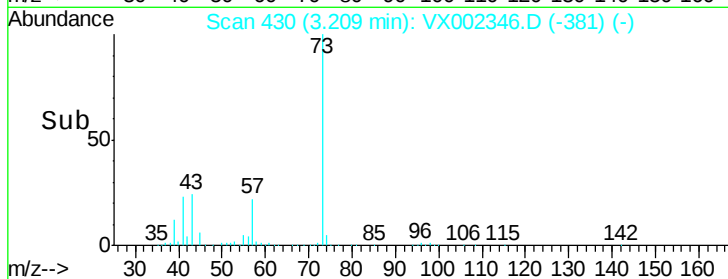
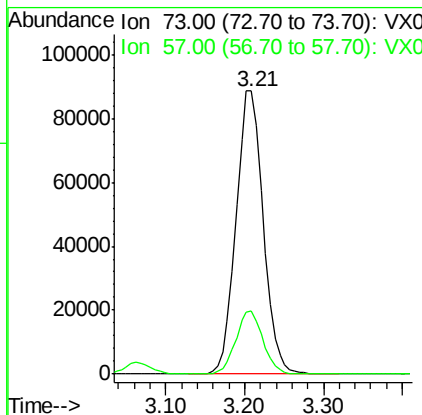
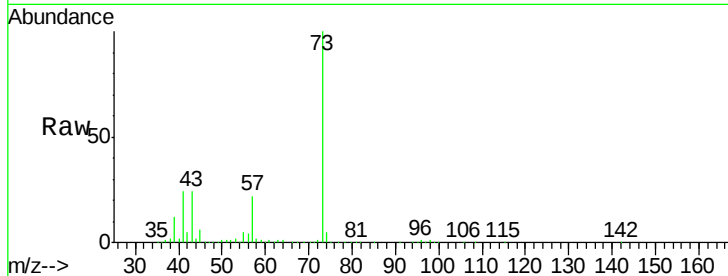




#19
Methvl tert-butvl Ether
Concen: 19.97 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

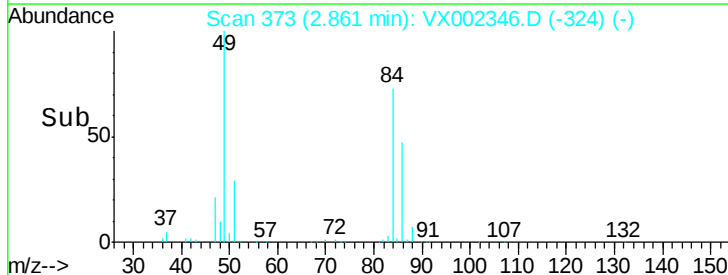
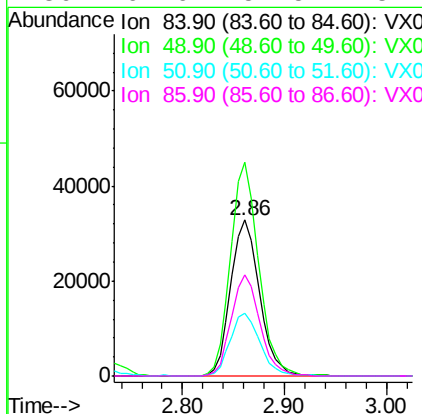
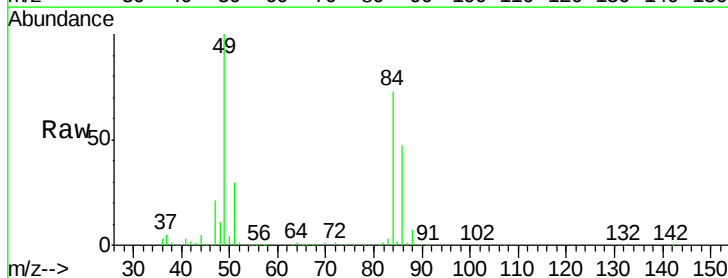
Instrument :
MSVOA_X
ClientSampleId :

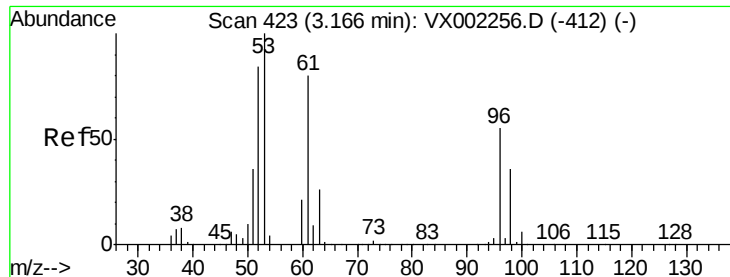
Tot Ion: 73 Resp: 212707
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 19.63 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 84 Resp: 64593
Ion Ratio Lower Upper
84 100
49 137.0 107.8 161.6
51 40.3 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.55 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

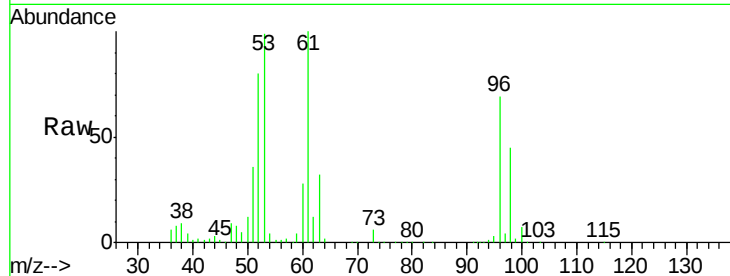
Tot Ion: 96 Resp: 58358

Ion Ratio Lower Upper

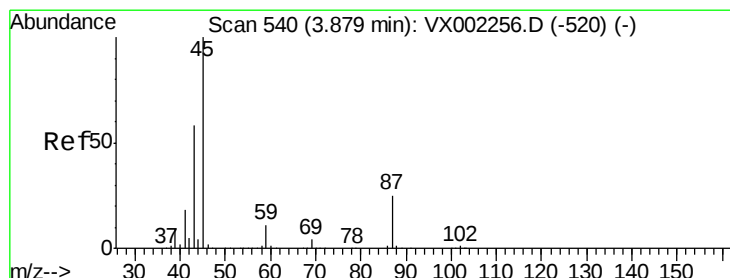
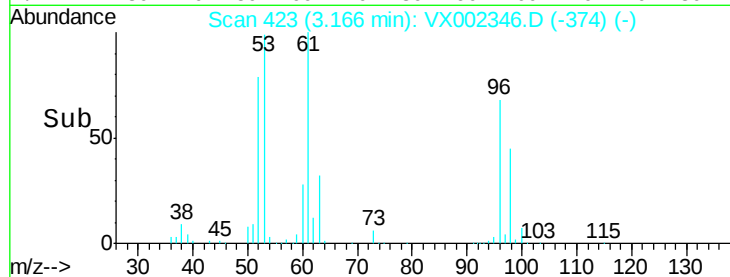
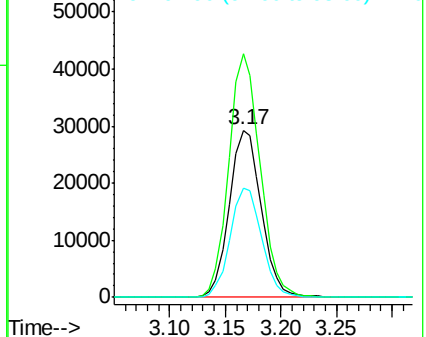
96 100

61 145.8 117.0 175.4

98 65.5 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: 20.92 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Tgt Ion: 45 Resp: 225348

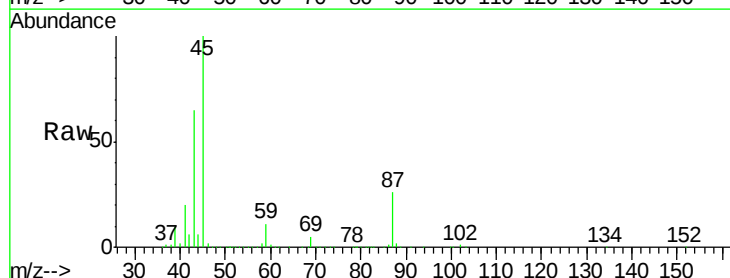
Ion Ratio Lower Upper

45 100

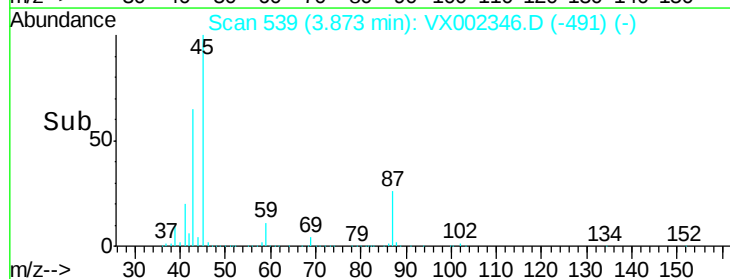
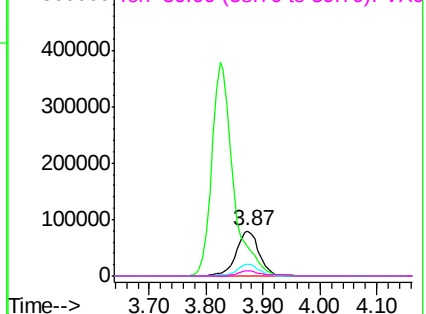
43 64.9 46.8 70.2

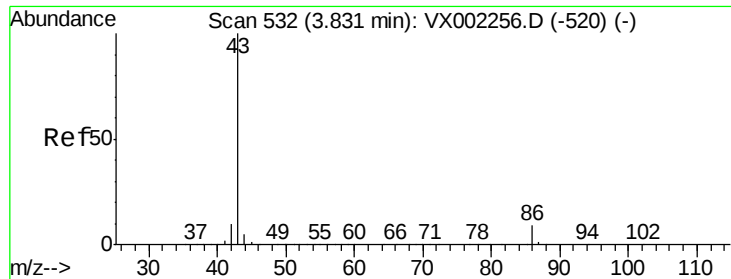
87 26.4 20.2 30.4

59 11.5 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: 98.03 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

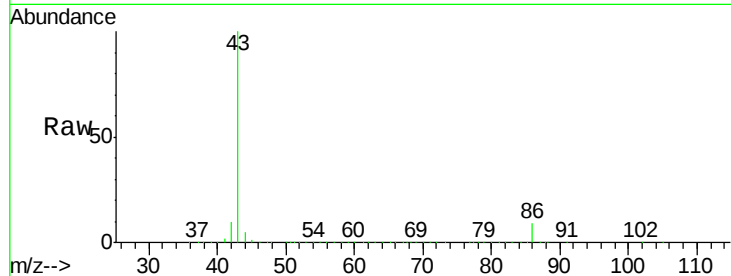
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 984143

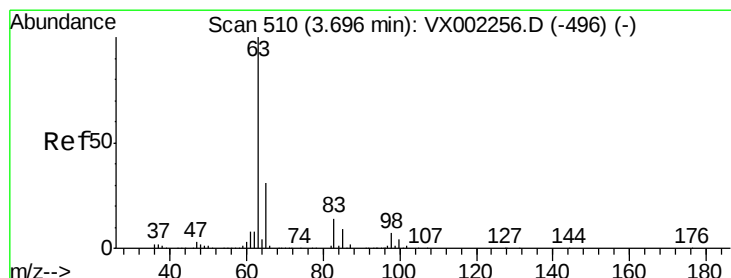
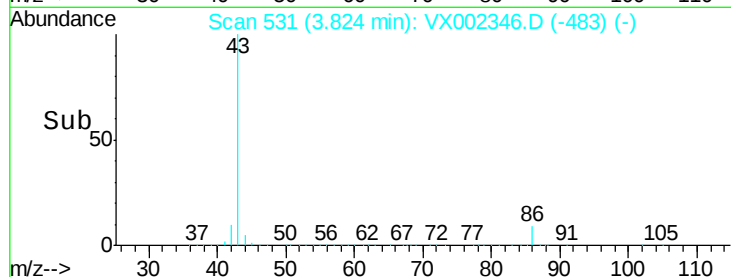
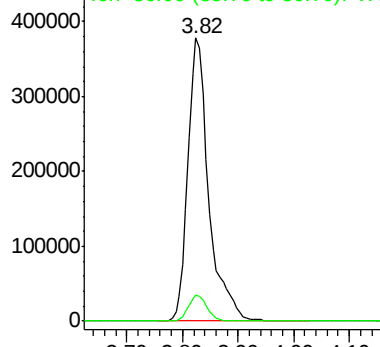
Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.15 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

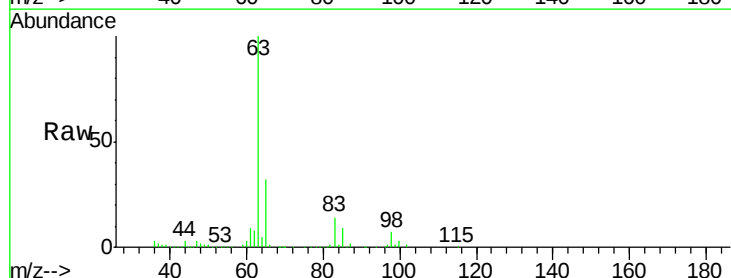
Tgt Ion: 63 Resp: 117201

Ion Ratio Lower Upper

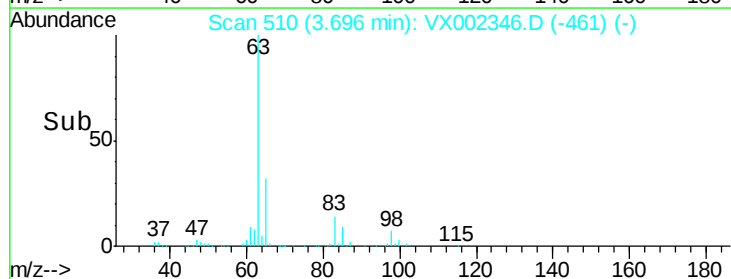
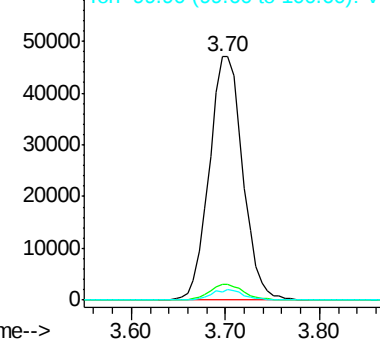
63 100

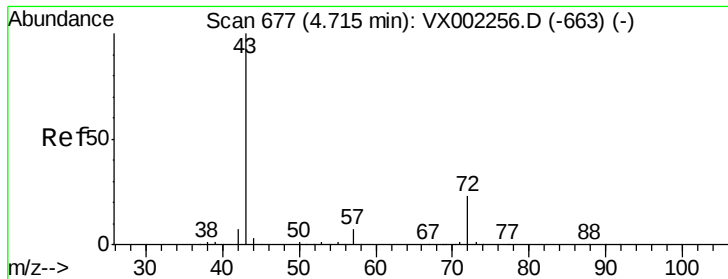
98 6.7 3.4 10.2

100 3.5 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: 88.15 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

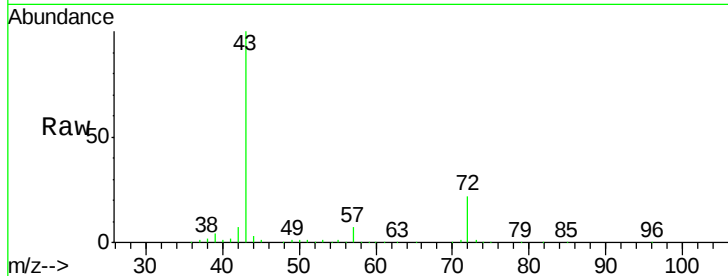
ClientSampleId :

Tot Ion: 43 Resp: 231681

Ion Ratio Lower Upper

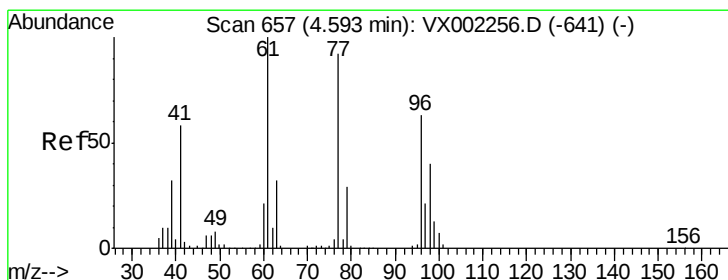
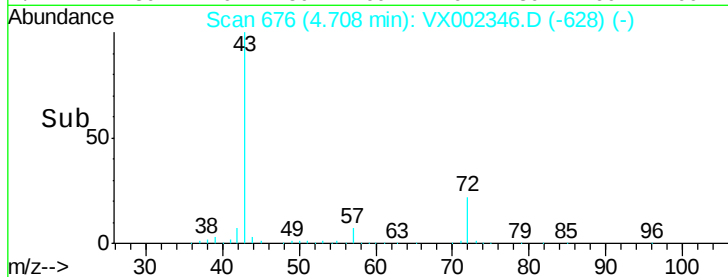
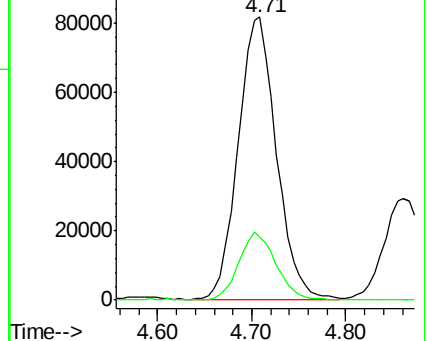
43 100

72 22.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.27 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002346.D

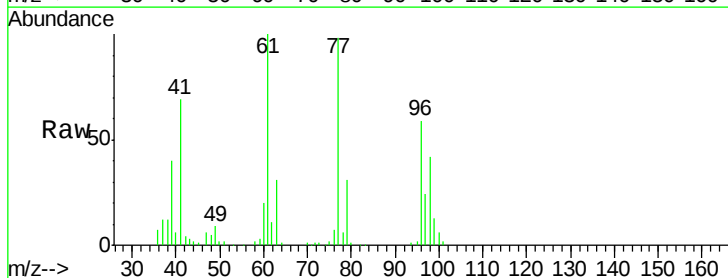
Acq: 06 Jun 2018 12:23

Tgt Ion: 77 Resp: 77836

Ion Ratio Lower Upper

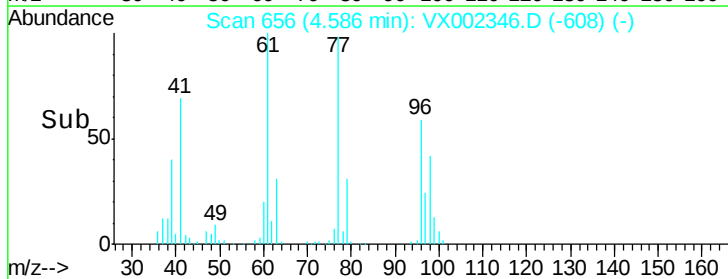
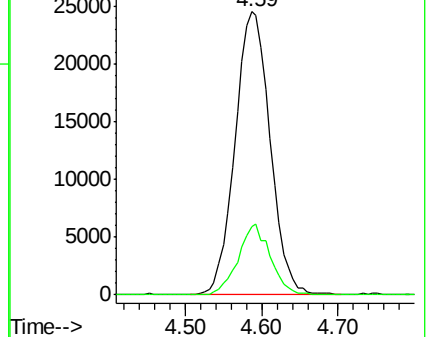
77 100

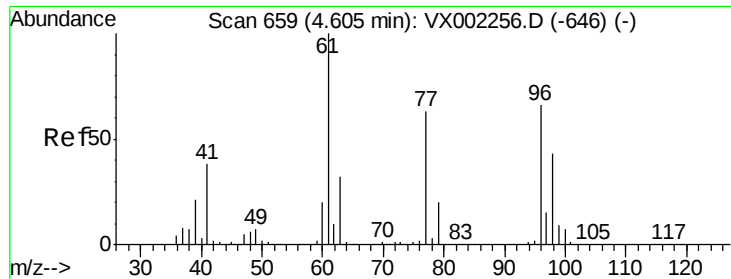
97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



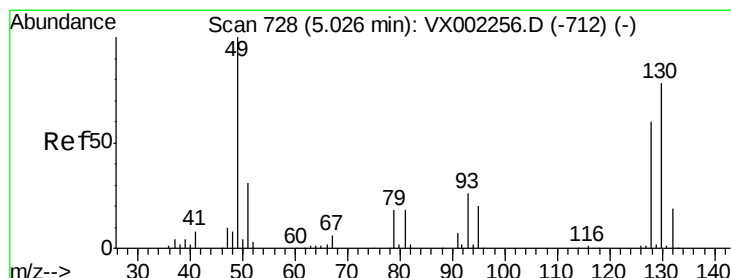
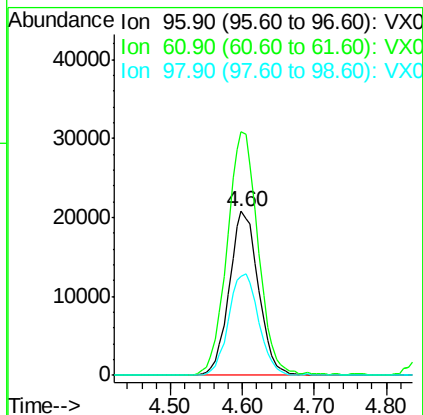
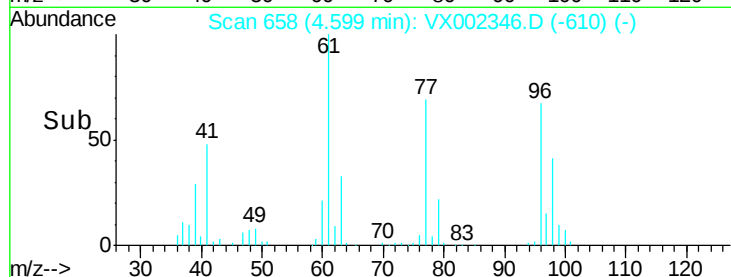
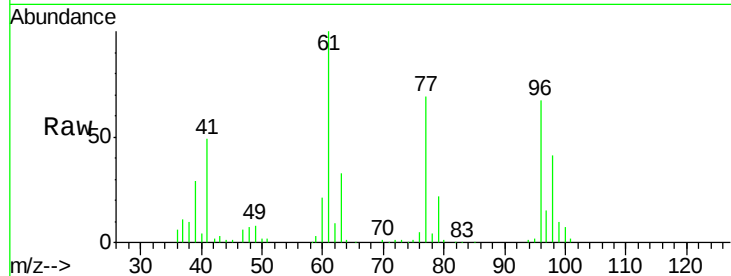


#27

cis-1,2-Dichloroethene
Concen: 17.07 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampled :

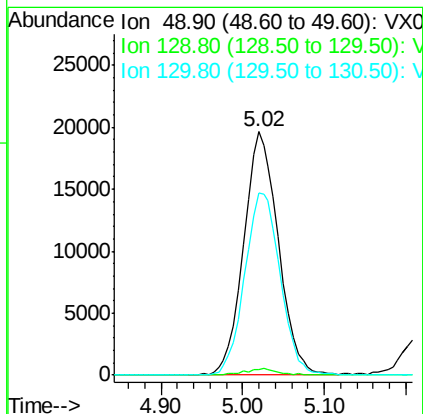
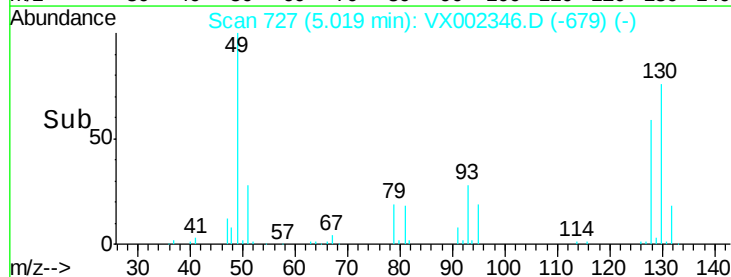
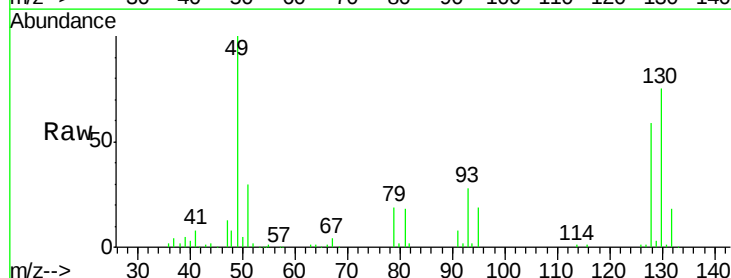
Tot Ion	Ratio	Lower	Upper
96	100		
61	157.3	0.0	330.2
98	64.1	0.0	130.2

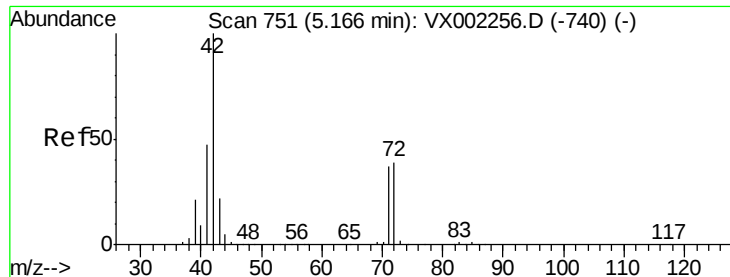


#28

Bromochloromethane
Concen: 20.19 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	76.6	61.2	91.8





#29

Tetrahydrofuran

Concen: 85.45 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

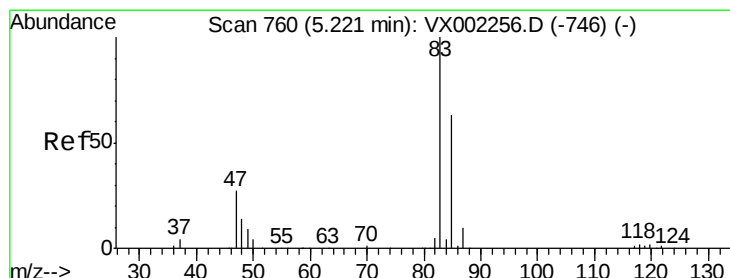
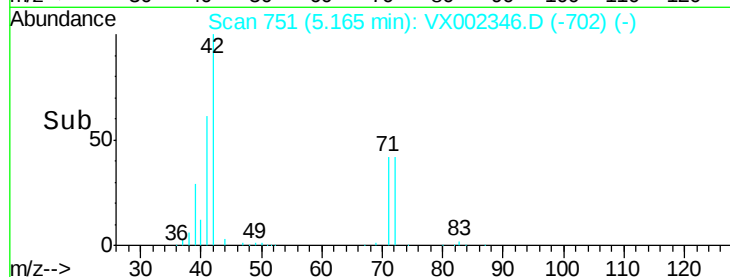
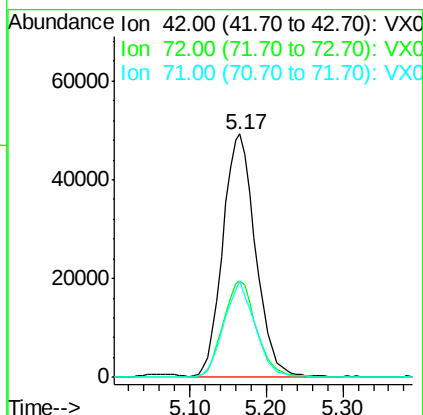
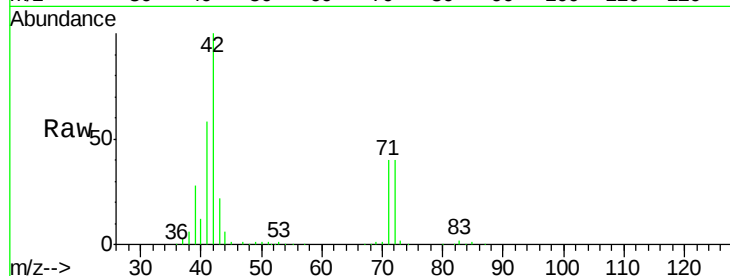
Tot Ion: 42 Resp: 144795

Ion Ratio Lower Upper

42 100

72 40.5 32.0 48.0

71 38.0 30.1 45.1



#30

Chloroform

Concen: 17.40 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002346.D

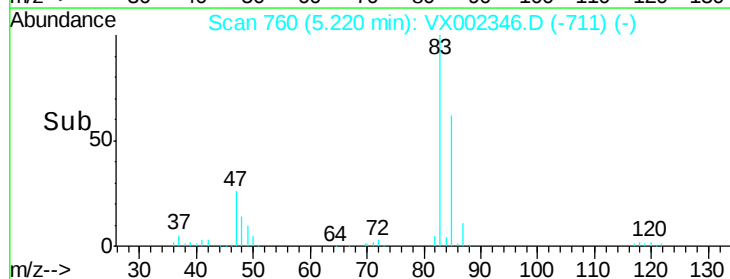
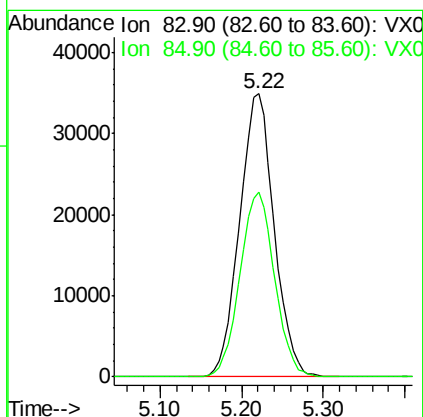
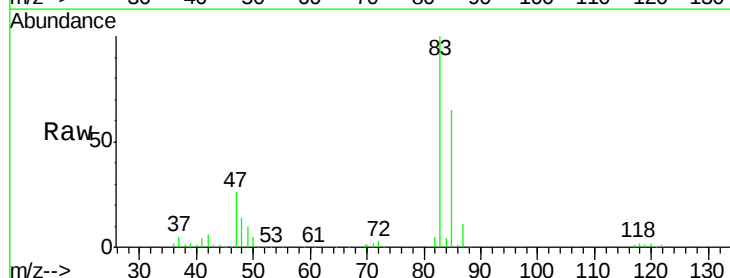
Acq: 06 Jun 2018 12:23

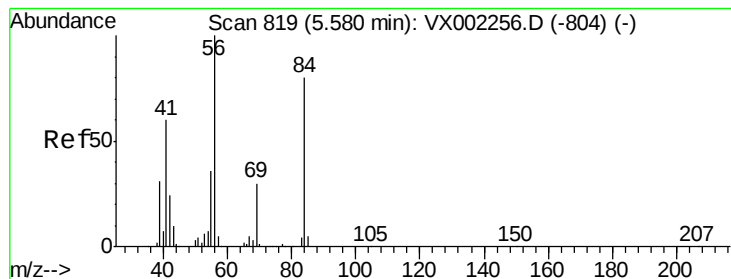
Tgt Ion: 83 Resp: 102770

Ion Ratio Lower Upper

83 100

85 65.2 50.4 75.6





#31

Cyclohexane

Concen: 18.76 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

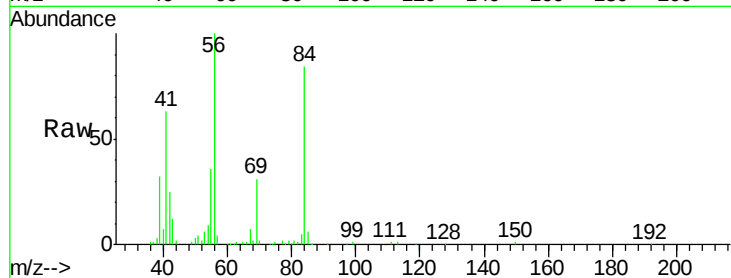
Tot Ion: 56 Resp: 90795

Ion Ratio Lower Upper

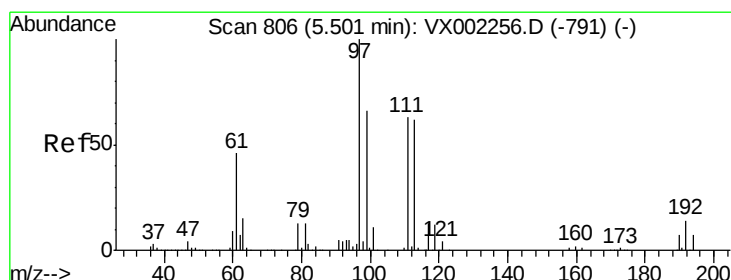
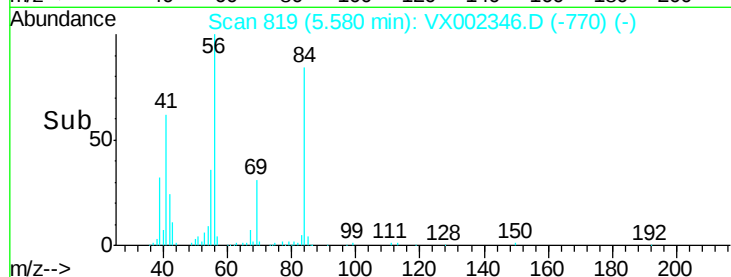
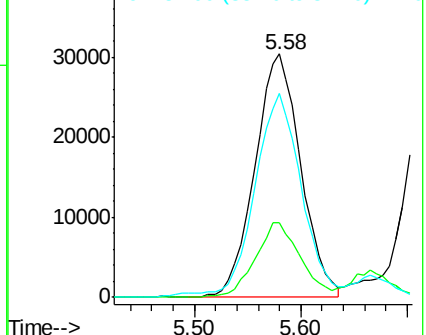
56 100

69 29.9 23.7 35.5

84 82.0 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.44 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

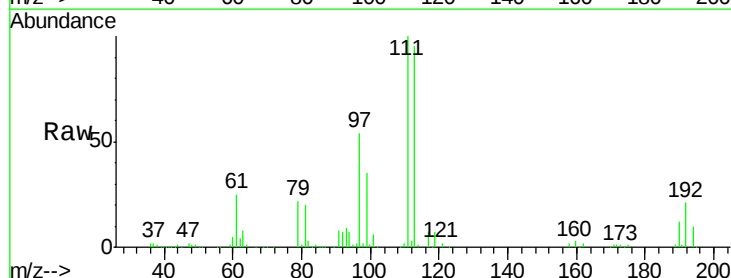
Tgt Ion: 97 Resp: 87352

Ion Ratio Lower Upper

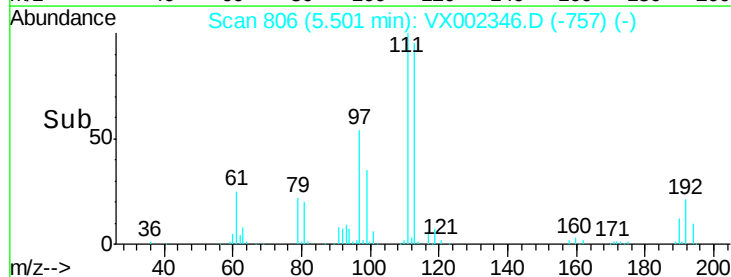
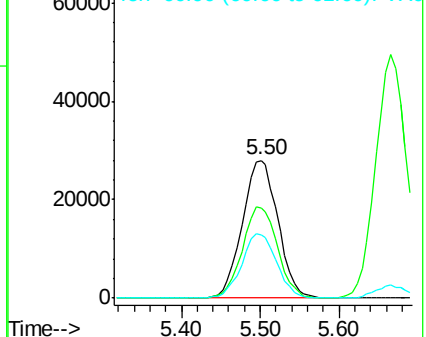
97 100

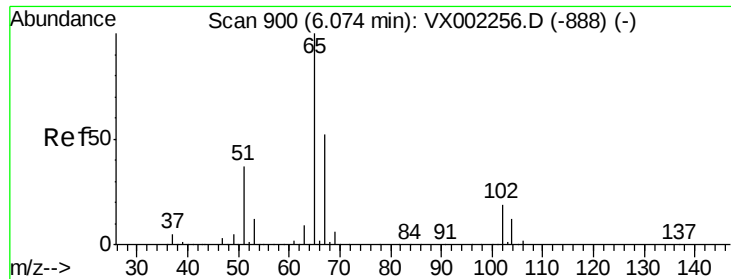
99 65.4 51.6 77.4

61 46.0 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

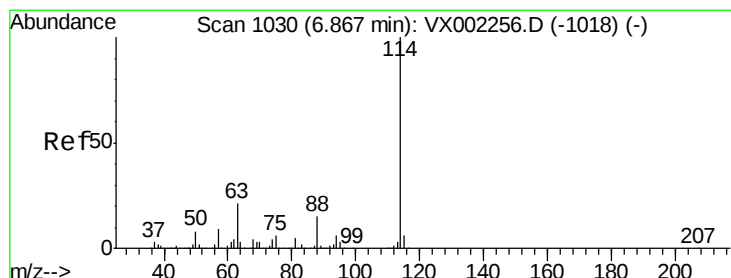
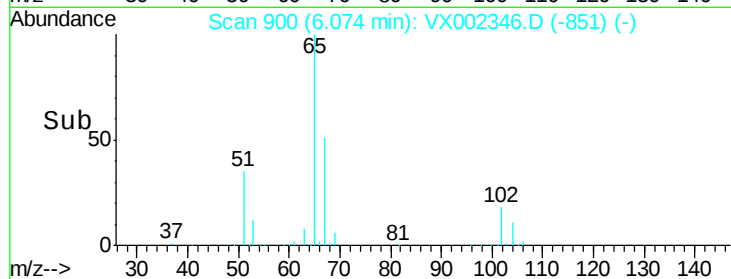
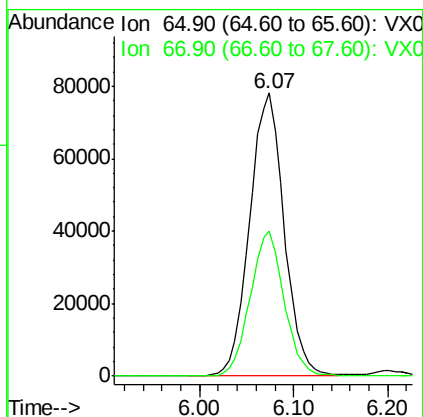
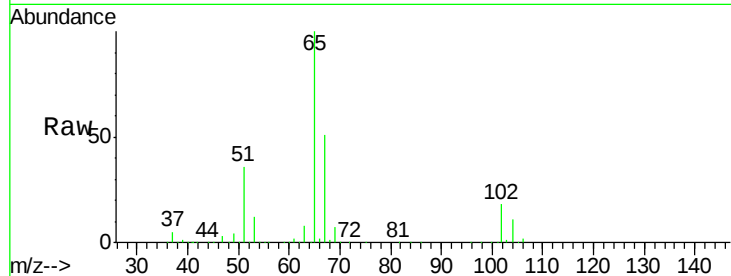




#33
 1,2-Dichloroethane-d4
 Concen: 52.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

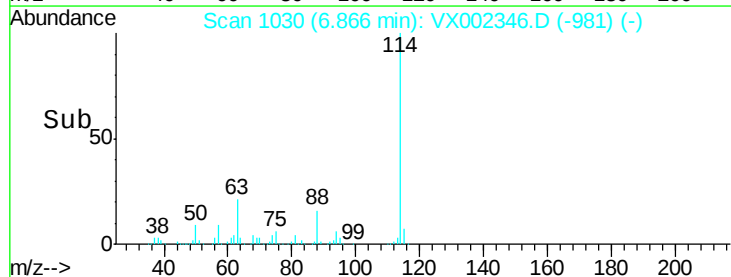
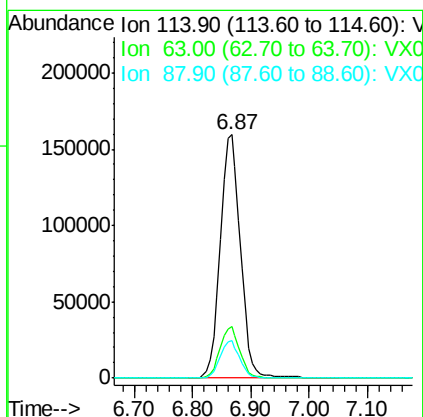
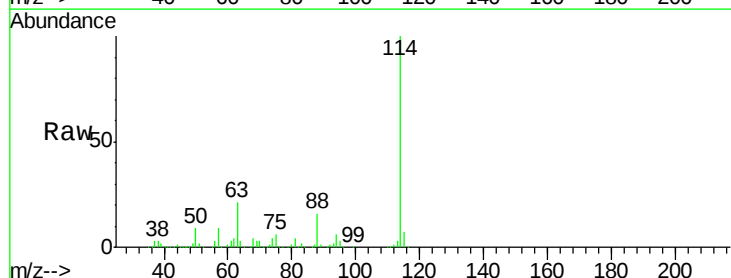
Instrument :
 MSVOA_X
 ClientSampleId :

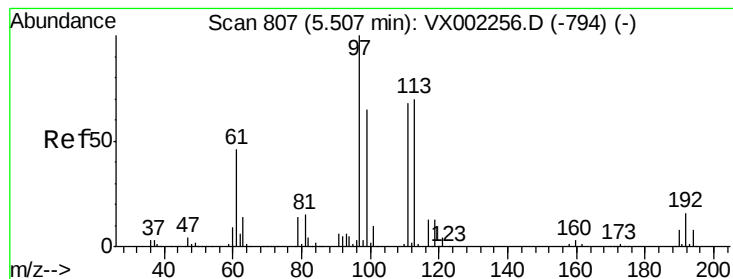
Tot Ion: 65 Resp: 199622
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion: 114 Resp: 383663
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

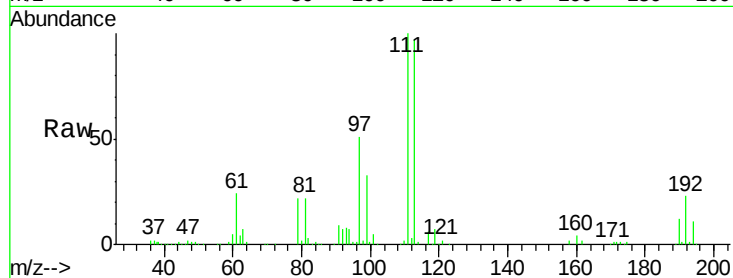
Tot Ion:113 Resp: 146441

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

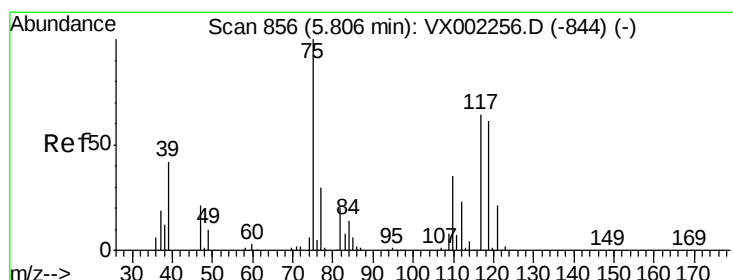
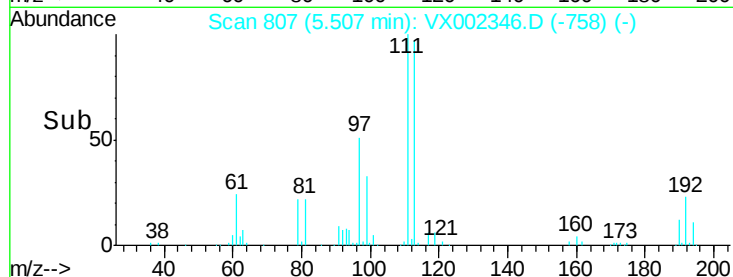
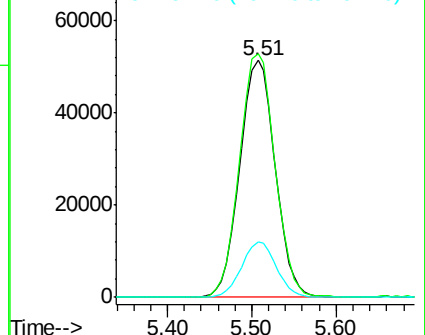
192 23.0 19.1 28.7



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: 18.37 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

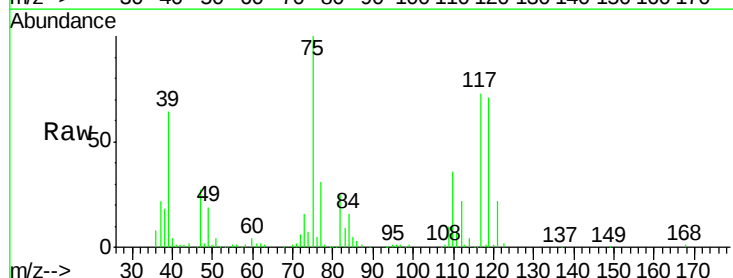
Tgt Ion: 75 Resp: 74074

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.4

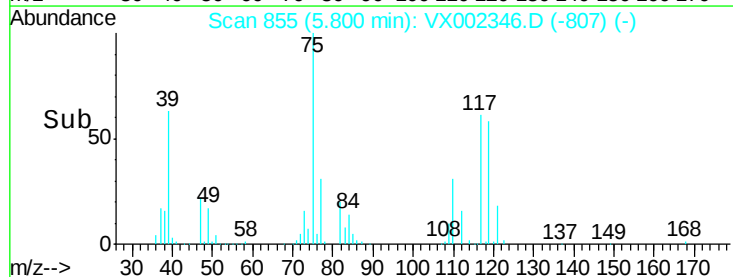
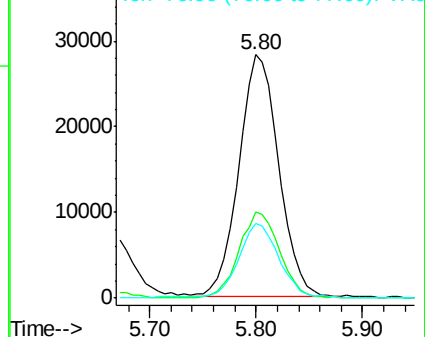
77 30.8 24.3 36.5

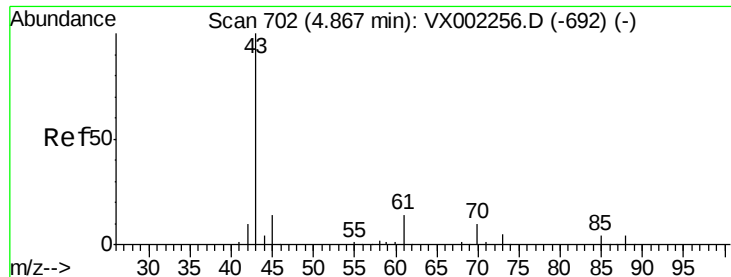


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

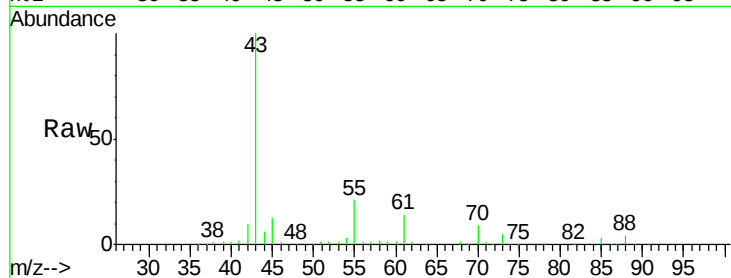




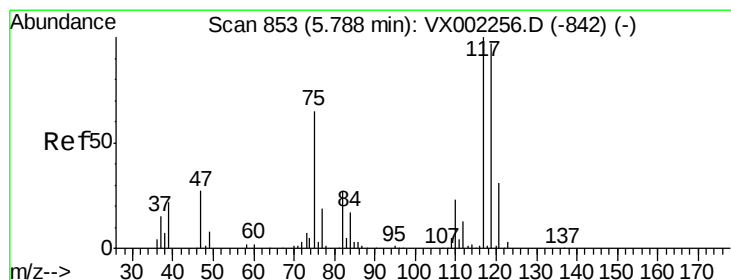
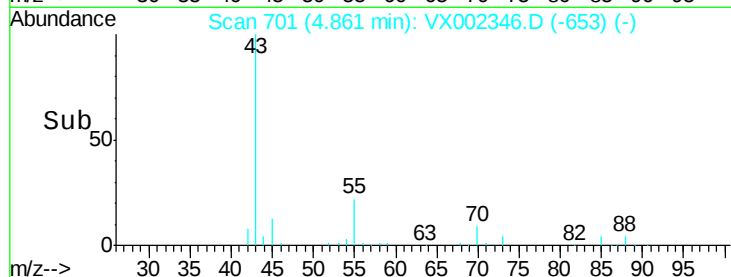
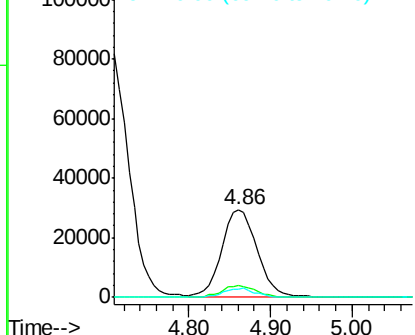
#37
Ethyl Acetate
Concen: 18.21 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 88338
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.4 7.6 11.4

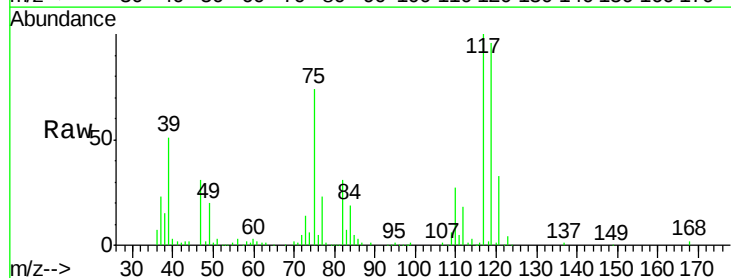


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

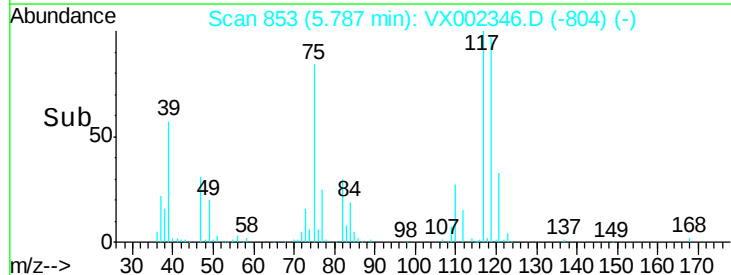
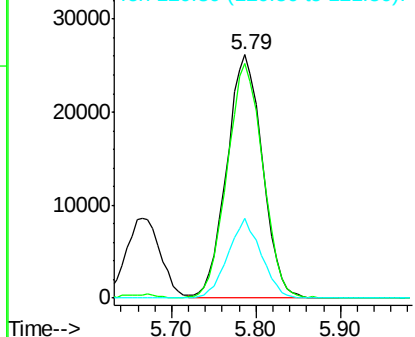


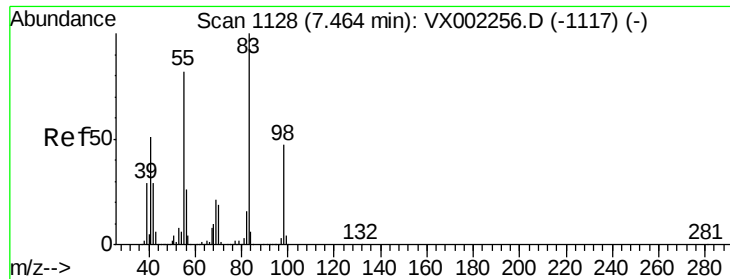
#38
Carbon Tetrachloride
Concen: 17.86 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 117 Resp: 75351
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
121 32.6 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

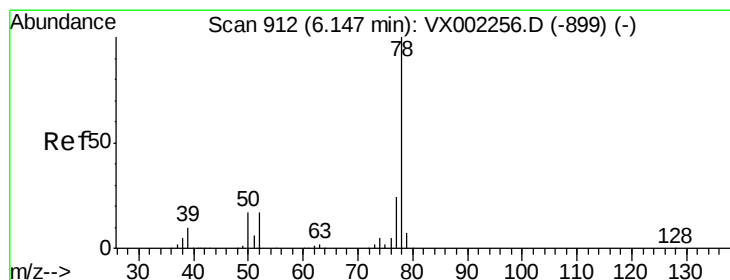
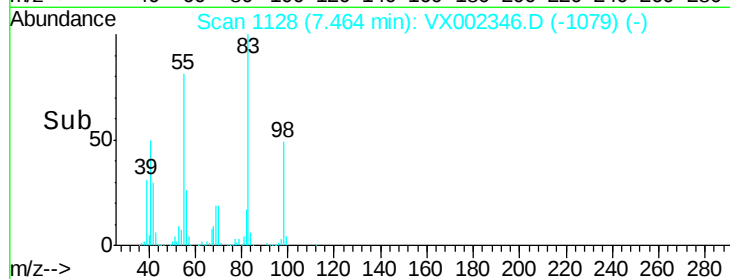
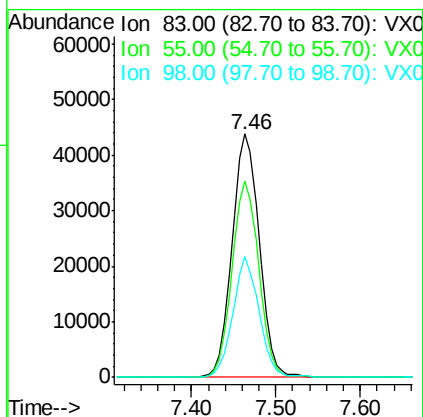
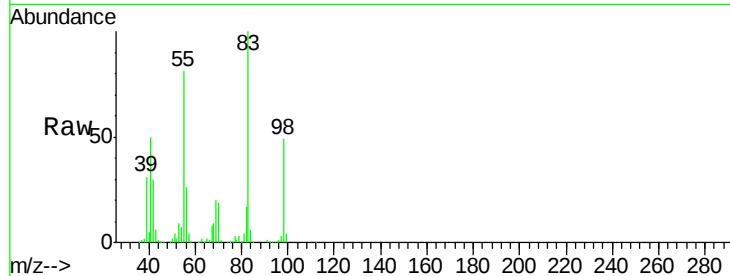




#39
Methylcyclohexane
Concen: 19.33 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

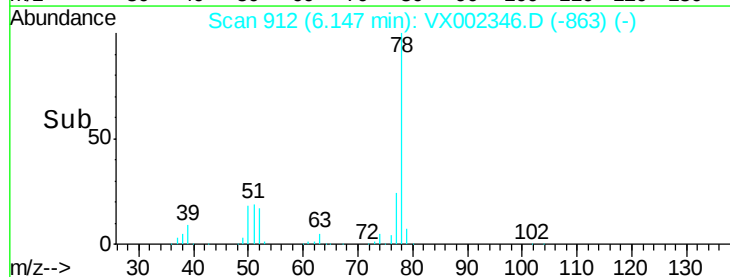
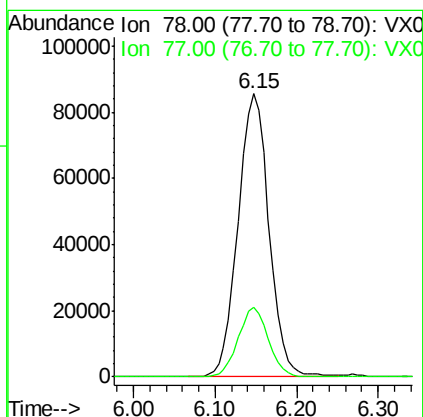
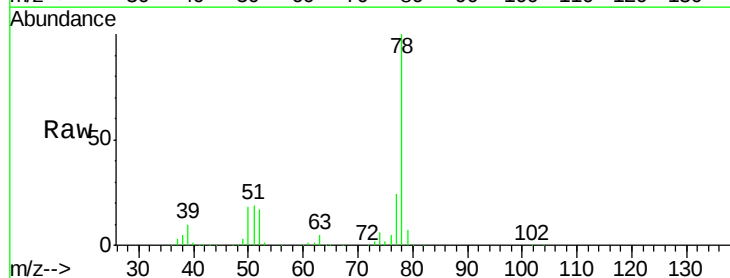
Instrument :
MSVOA_X
ClientSampled :

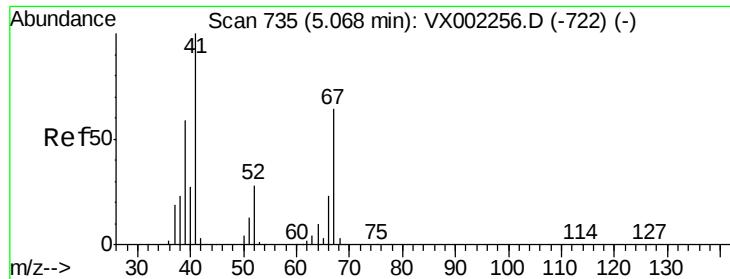
Tot Ion: 83 Resp: 95528
Ion Ratio Lower Upper
83 100
55 80.5 65.4 98.0
98 49.3 37.4 56.0



#40
Benzene
Concen: 18.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 78 Resp: 225659
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

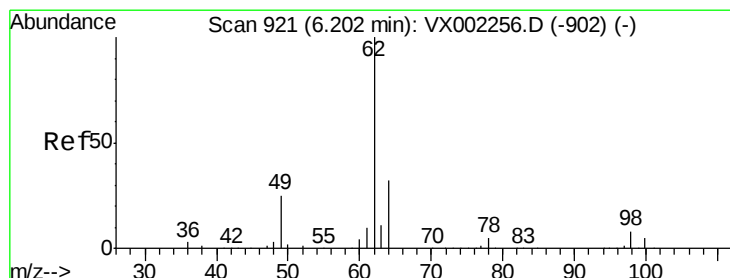
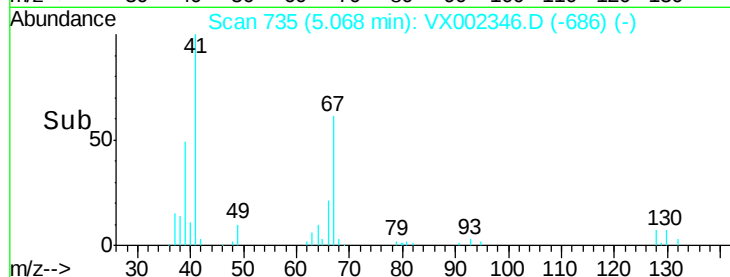
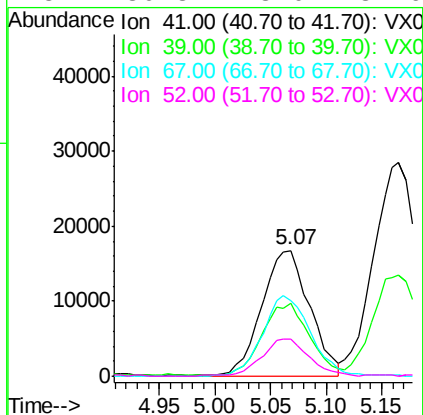
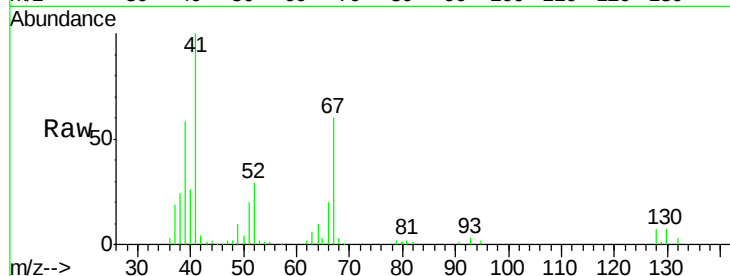




#41
Methacrylonitrile
Concen: 17.92 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

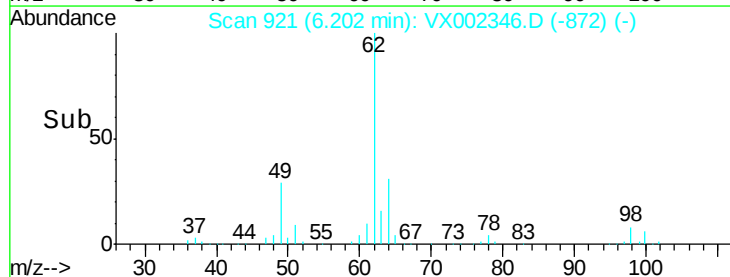
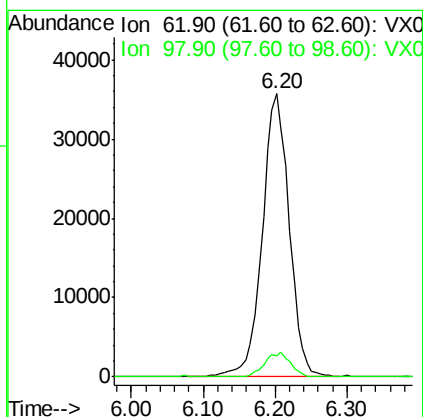
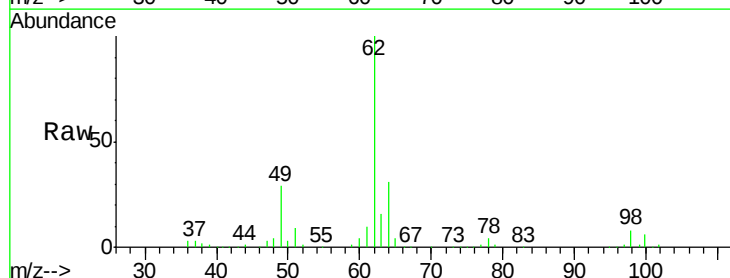
Instrument :
MSVOA_X
ClientSampled :

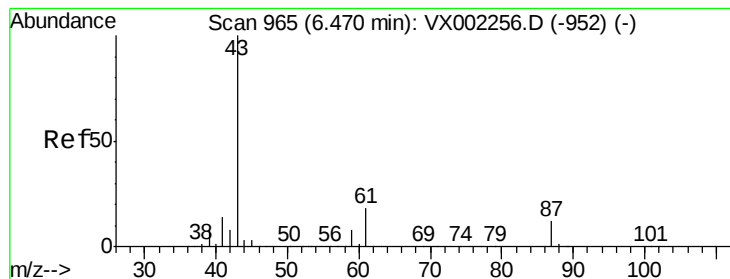
Tot Ion:	41	Resp:	49767
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.8	68.6
67	65.3	51.3	76.9
52	30.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 18.89 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion:	62	Resp:	92799
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 17.77 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

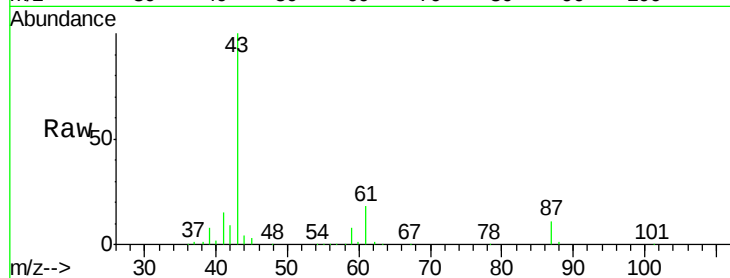
Tot Ion: 43 Resp: 146436

Ion Ratio Lower Upper

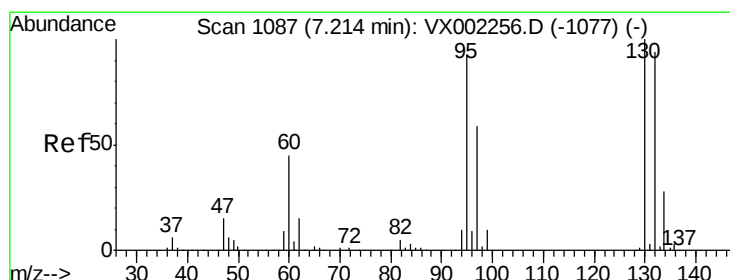
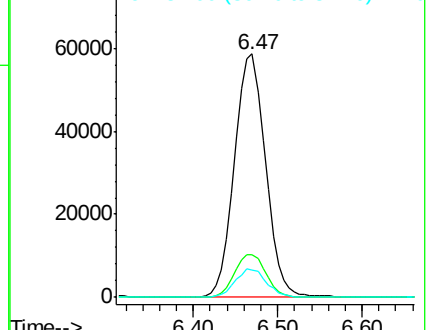
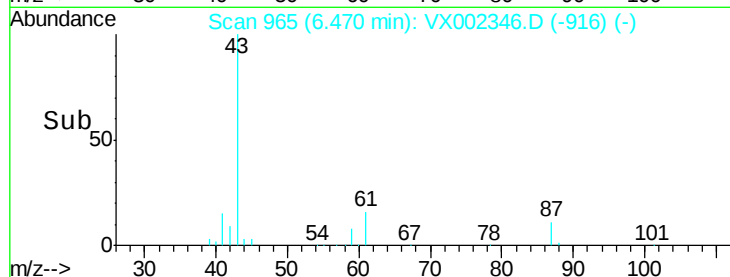
43 100

61 18.0 14.4 21.6

87 11.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002346.D (-916) (-)



#44

Trichloroethene

Concen: 18.53 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002346.D

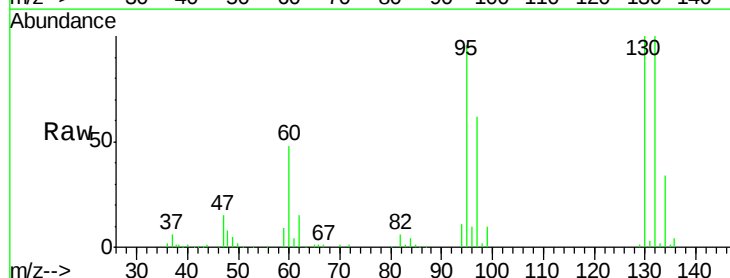
Acq: 06 Jun 2018 12:23

Tgt Ion:130 Resp: 63601

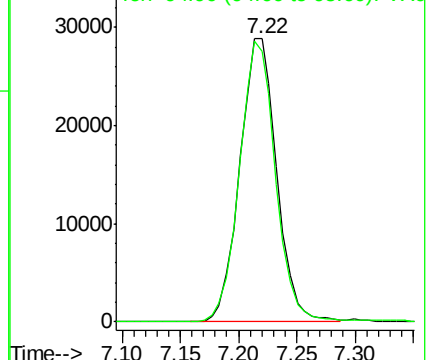
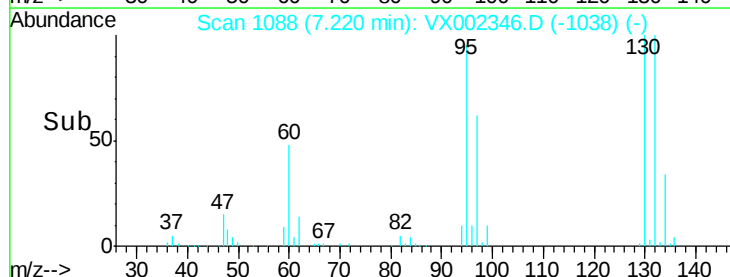
Ion Ratio Lower Upper

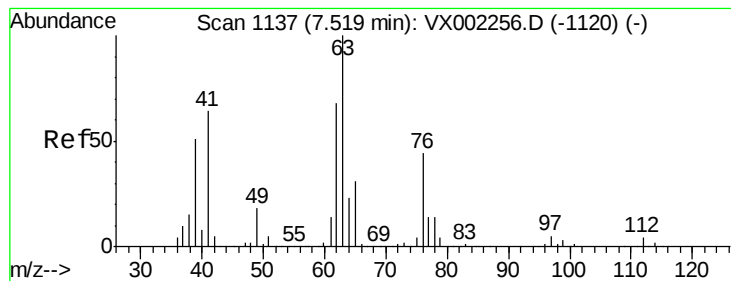
130 100

95 95.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002346.D (-1038) (-)





#45

1,2-Dichloropropane

Concen: 18.47 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

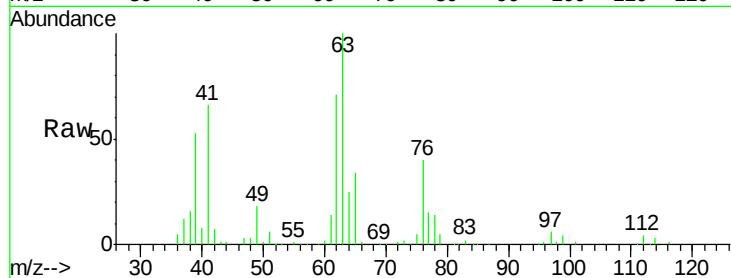
ClientSampleId :

Tot Ion: 63 Resp: 61659

Ion Ratio Lower Upper

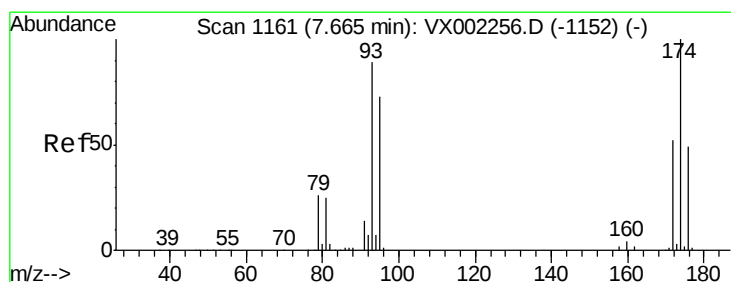
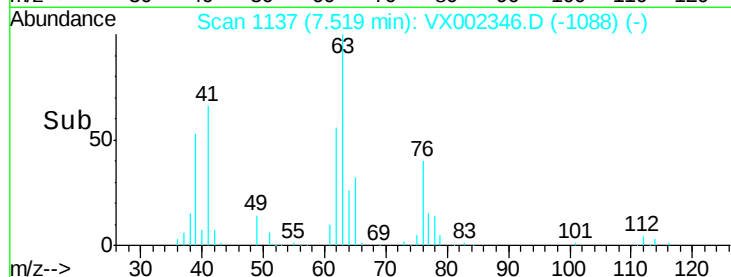
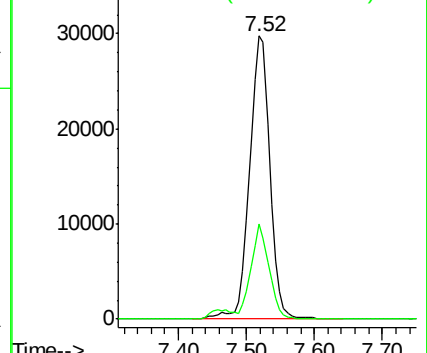
63 100

65 33.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.04 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

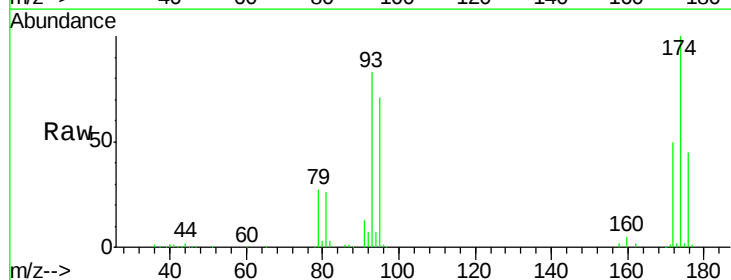
Tgt Ion: 93 Resp: 40821

Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

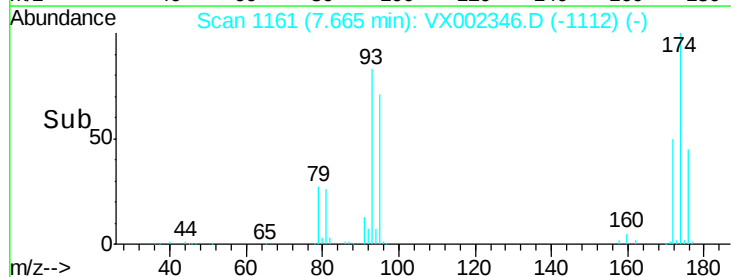
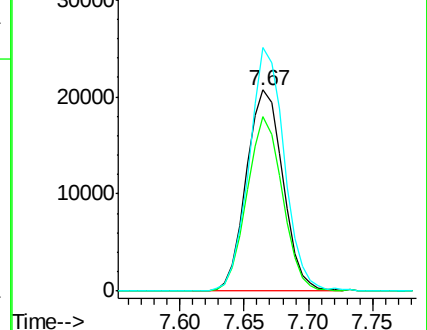
174 115.8 92.4 138.6

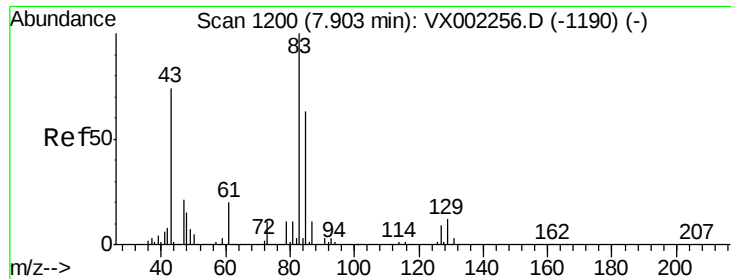


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.45 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampleId :

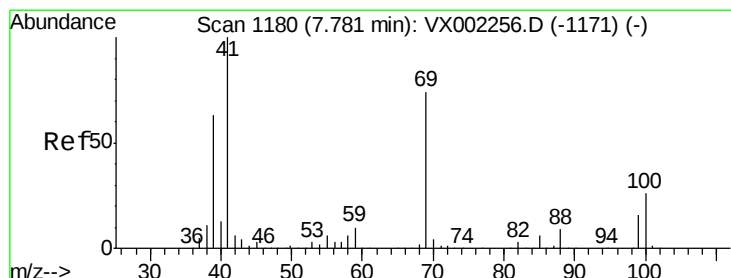
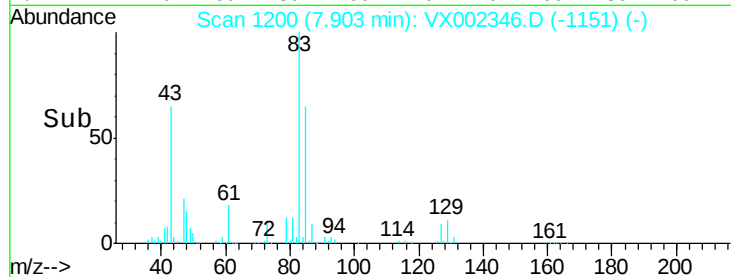
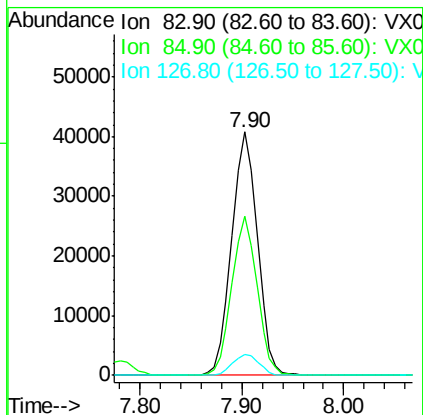
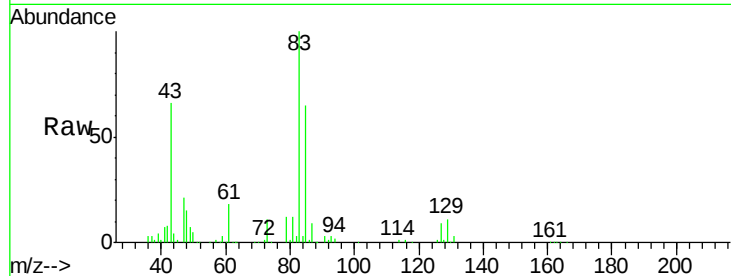
Tot Ion: 83 Resp: 71438

Ion Ratio Lower Upper

83 100

85 65.1 50.3 75.5

127 8.5 7.0 10.4



#48

Methyl methacrylate

Concen: 17.94 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

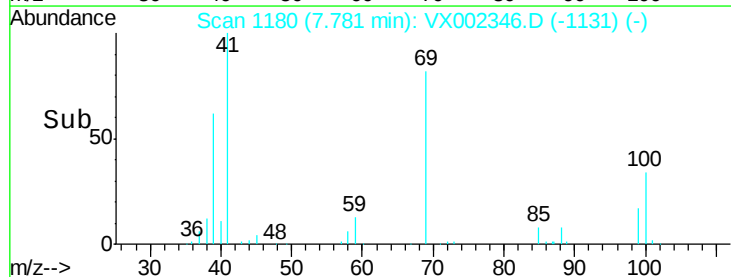
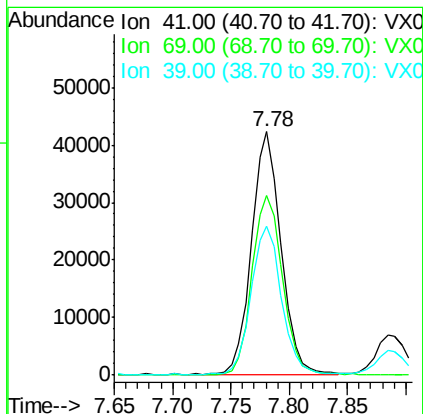
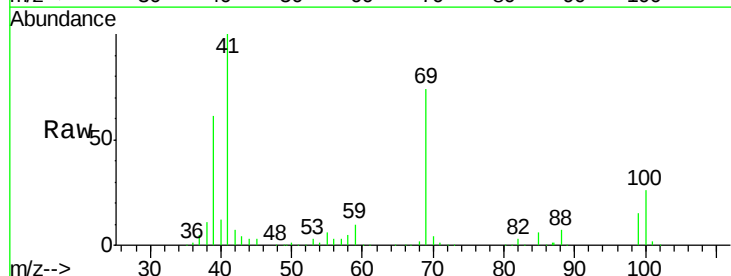
Tgt Ion: 41 Resp: 74261

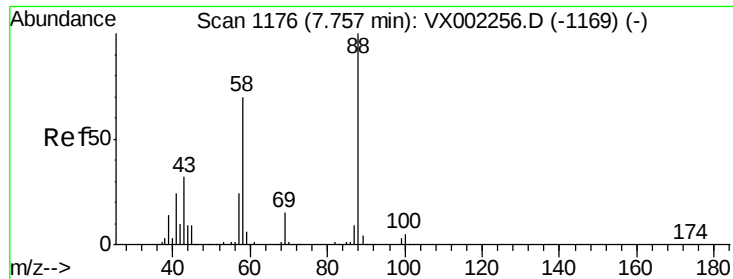
Ion Ratio Lower Upper

41 100

69 77.3 59.1 88.7

39 63.2 48.9 73.3





#49

1,4-Dioxane

Concen: 370.45 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

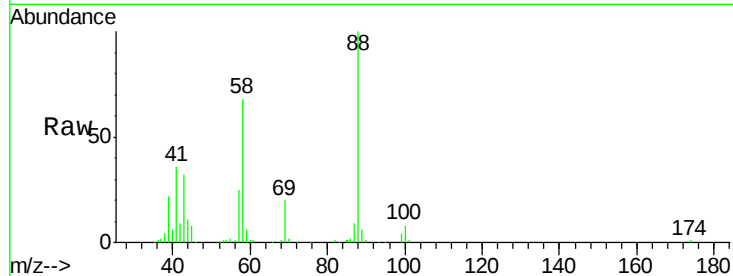
Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 28665

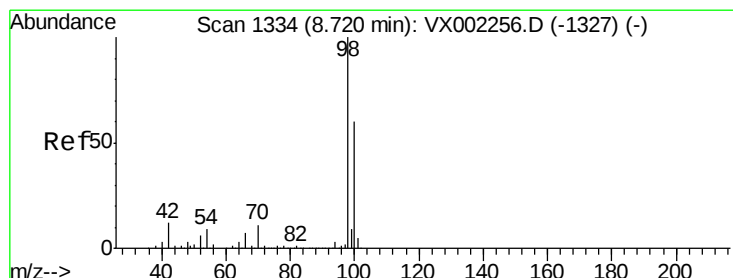
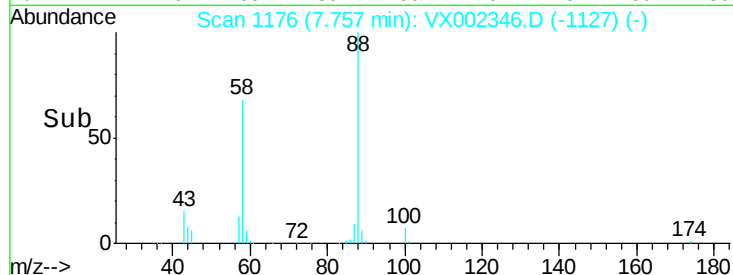
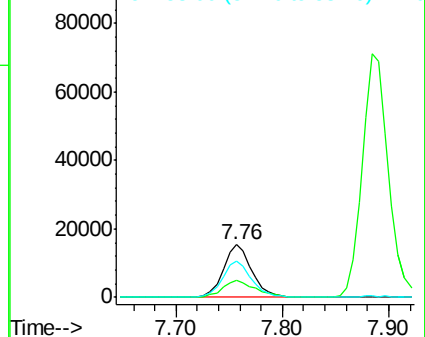
Ion	Ratio	Lower	Upper
88	100		
43	35.9	29.8	44.6
58	70.8	57.1	85.7



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: 49.77 ug/l

RT: 8.72 min Scan# 1334

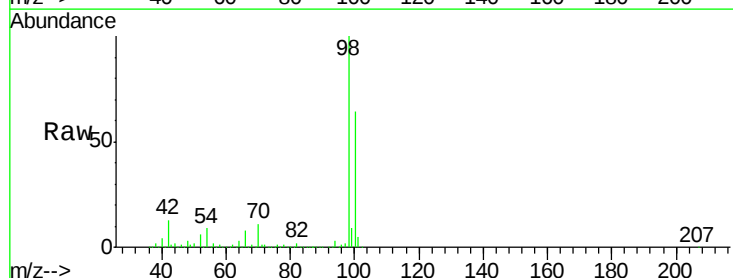
Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

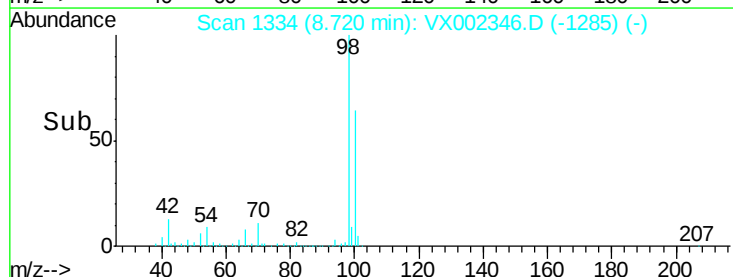
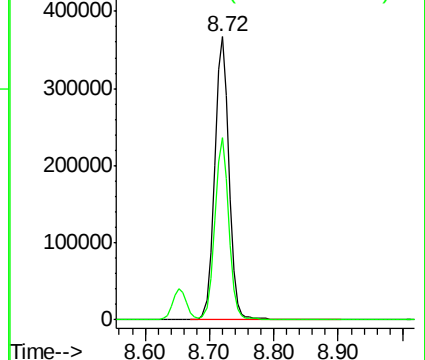
Tgt Ion: 98 Resp: 575537

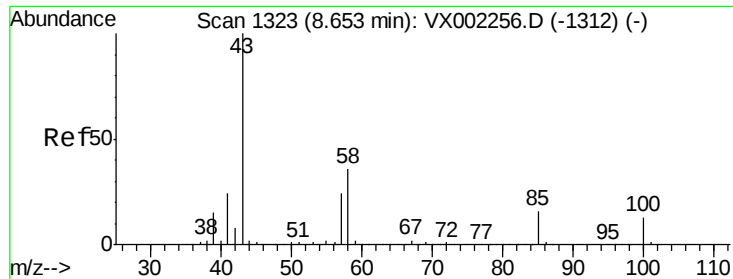
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3



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: 92.81 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

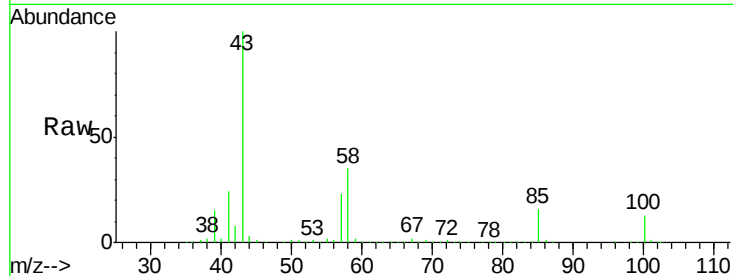
ClientSampleId :

Tot Ion: 43 Resp: 476183

Ion Ratio Lower Upper

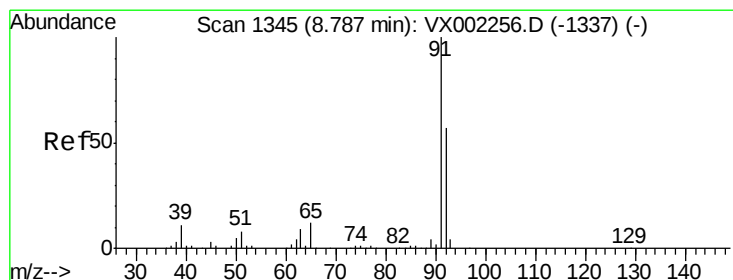
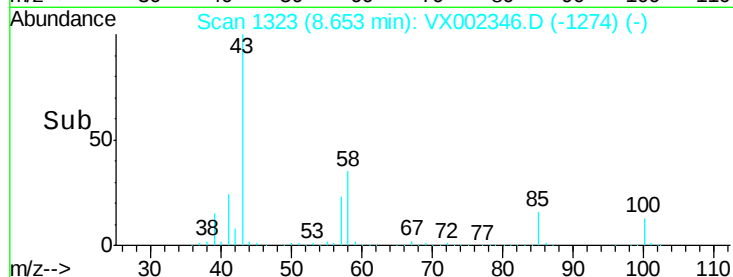
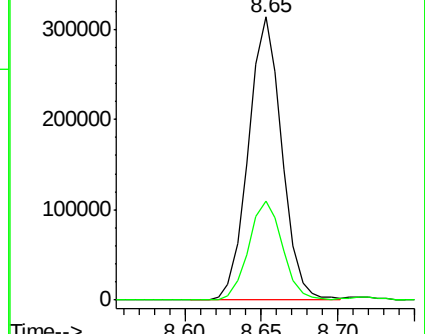
43 100

58 35.3 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: 18.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002346.D

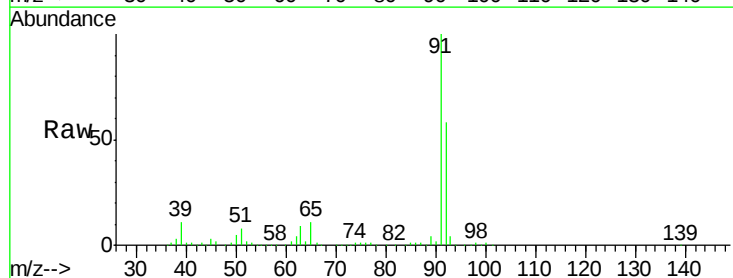
Acq: 06 Jun 2018 12:23

Tgt Ion: 92 Resp: 148775

Ion Ratio Lower Upper

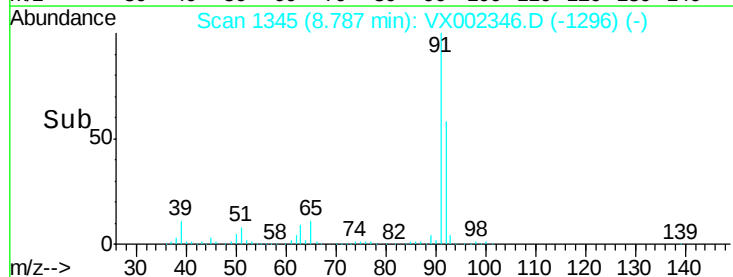
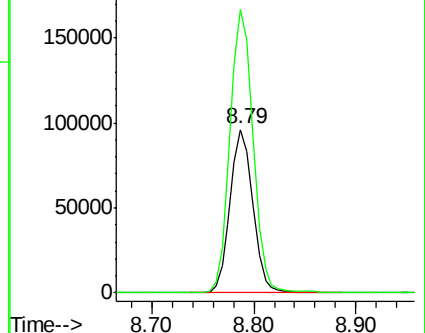
92 100

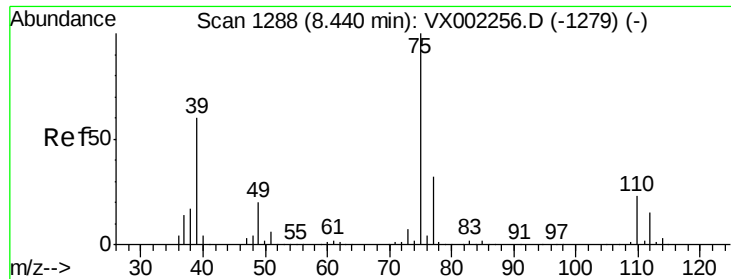
91 175.3 140.4 210.6



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: 17.48 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

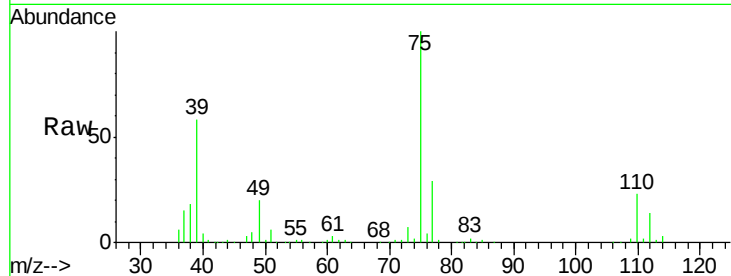
ClientSampleId :

Tot Ion: 75 Resp: 85828

Ion Ratio Lower Upper

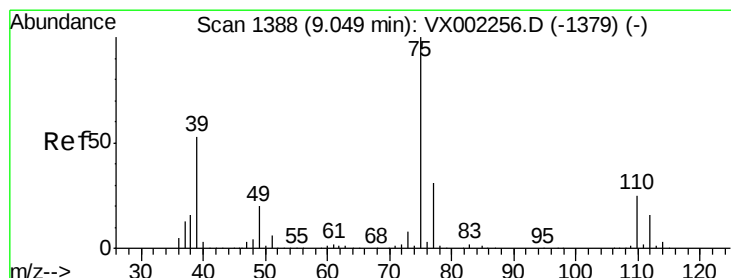
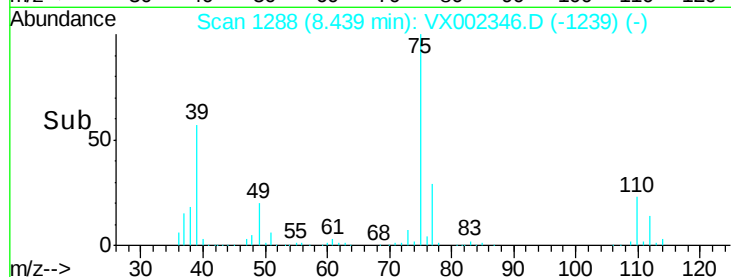
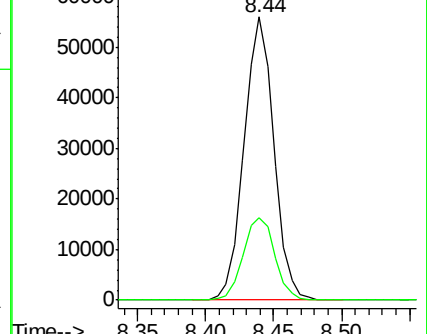
75 100

77 29.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.83 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

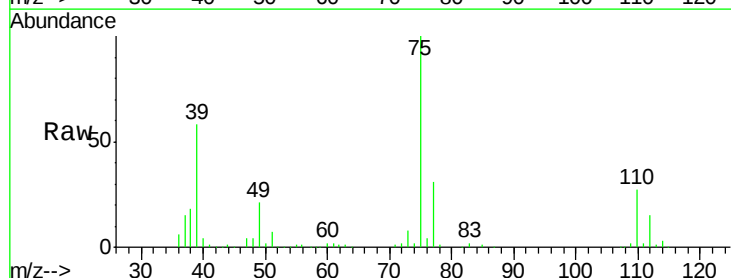
Tgt Ion: 75 Resp: 77956

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

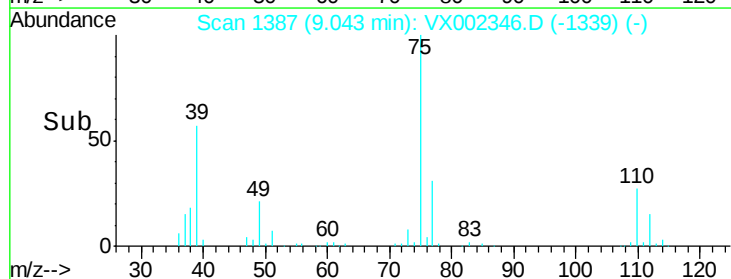
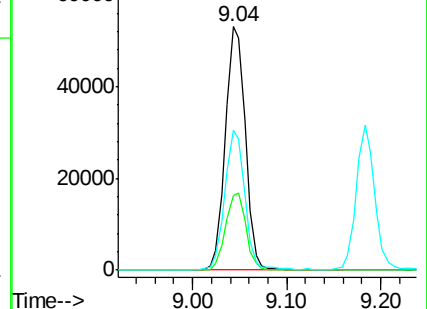
39 57.2 42.4 63.6

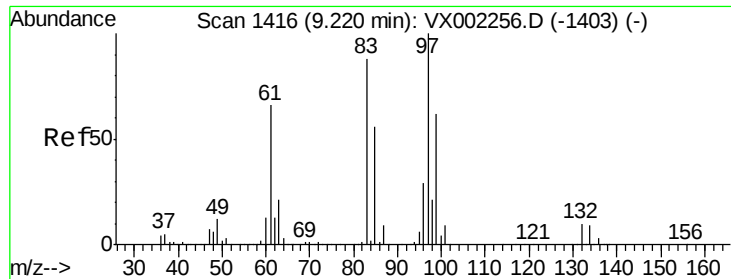


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

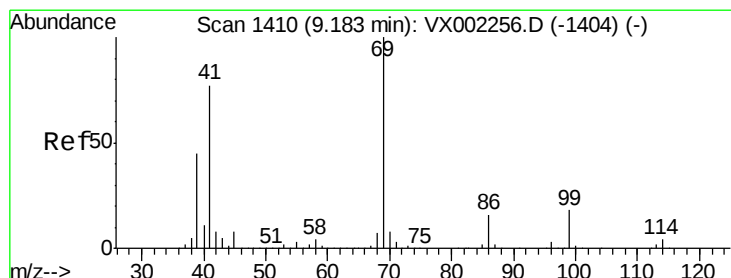
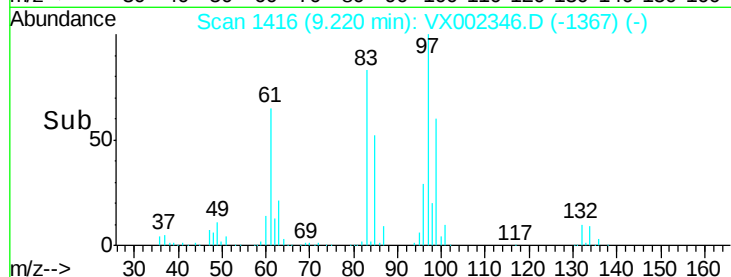
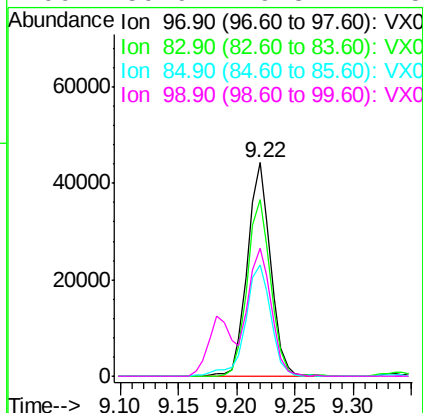
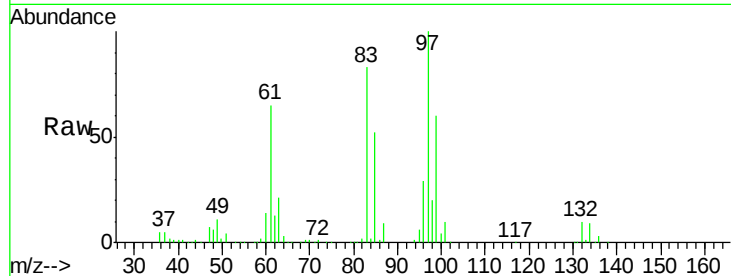




#55
1,1,2-Trichloroethane
Concen: 19.12 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

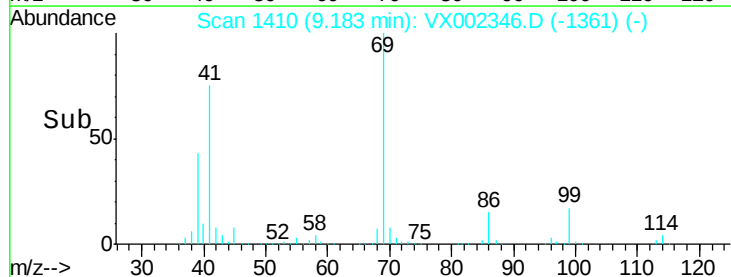
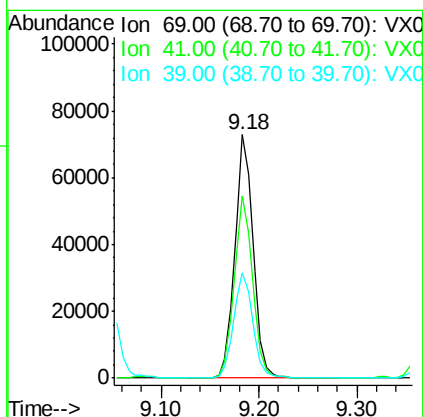
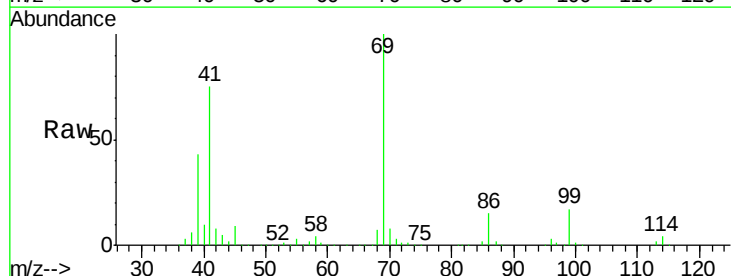
Instrument :
MSVOA_X
ClientSampleId :

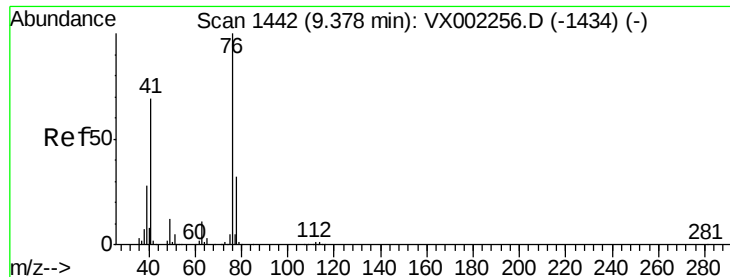
Tot Ion: 97 Resp: 61859
Ion Ratio Lower Upper
97 100
83 82.8 70.2 105.2
85 51.9 44.9 67.3
99 59.9 49.8 74.8



#56
Ethyl methacrylate
Concen: 18.41 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 69 Resp: 95060
Ion Ratio Lower Upper
69 100
41 74.6 60.3 90.5
39 44.5 35.8 53.8





#57

1,3-Dichloropropane

Concen: 18.71 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

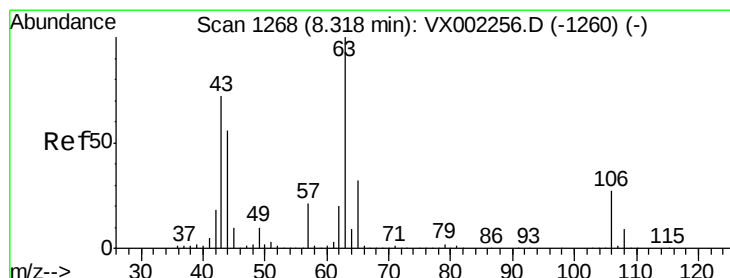
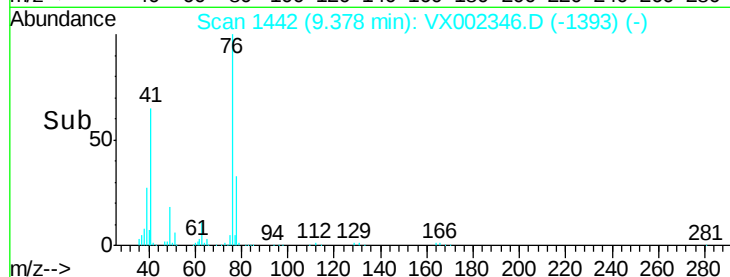
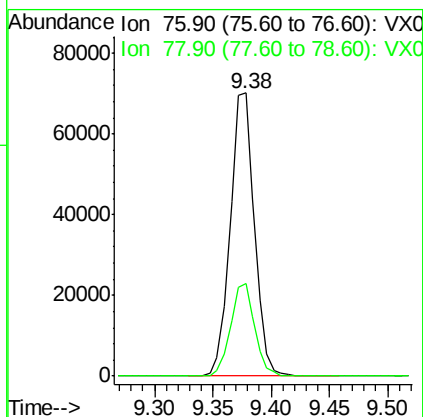
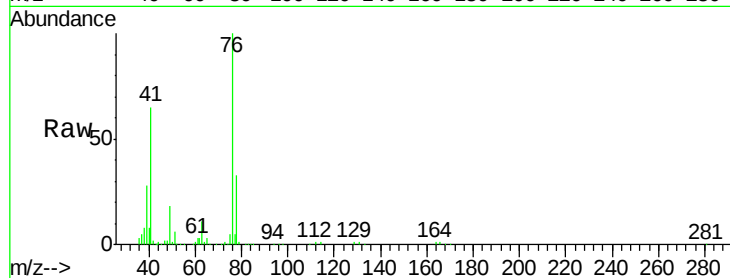
ClientSampled :

Tot Ion: 76 Resp: 101523

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.83 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002346.D

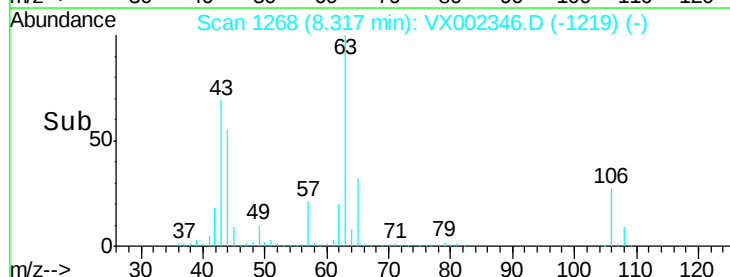
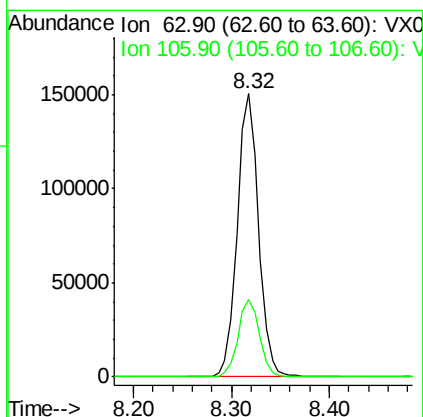
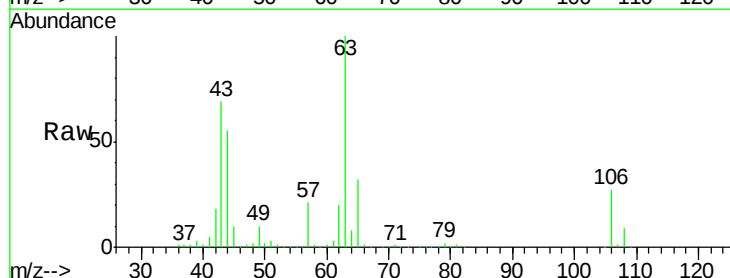
Acq: 06 Jun 2018 12:23

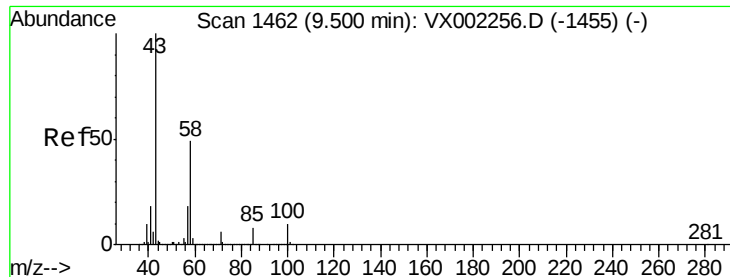
Tgt Ion: 63 Resp: 226686

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8

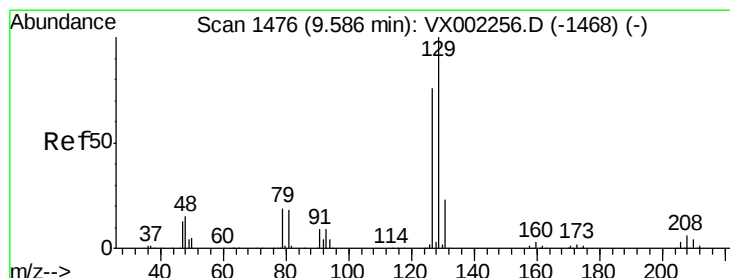
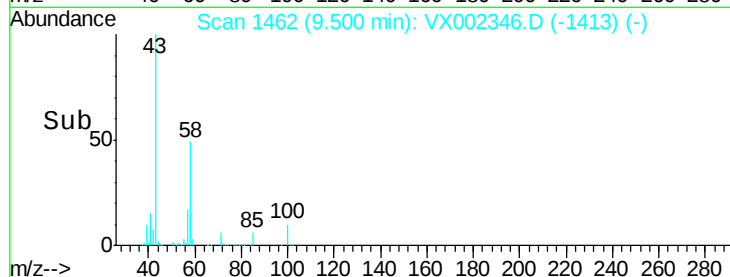
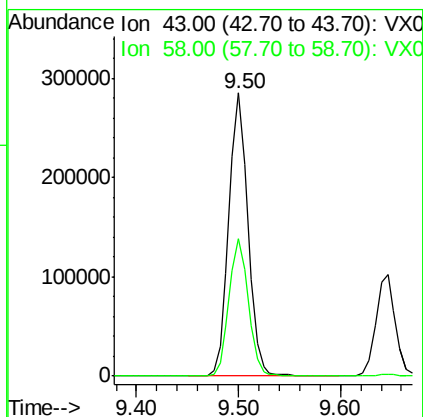
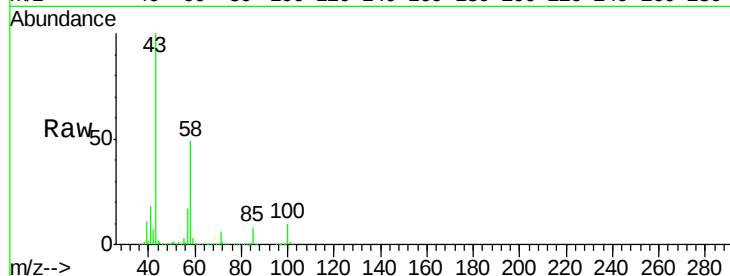




#59
2-Hexanone
Concen: 93.59 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

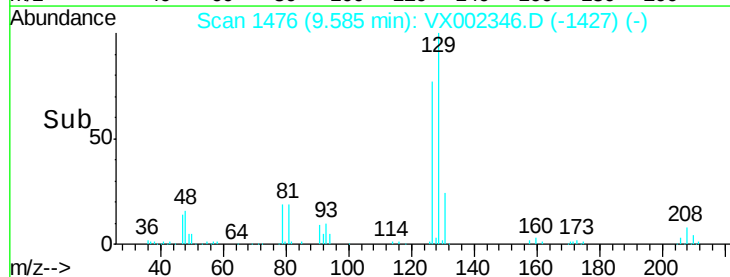
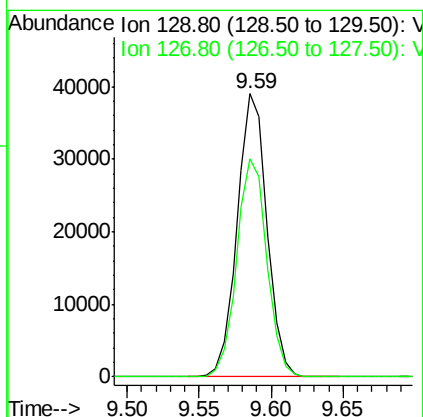
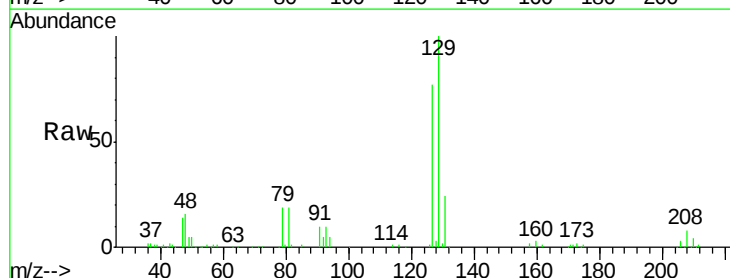
Instrument :
MSVOA_X
ClientSampleId :

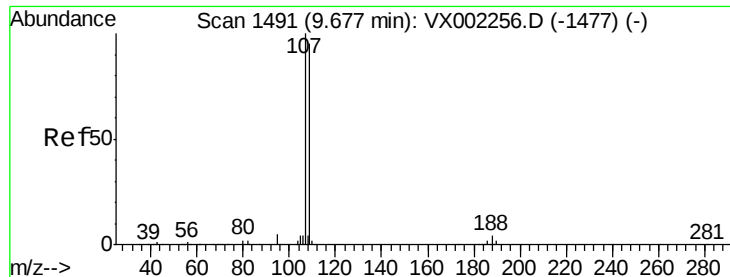
Tot Ion: 43 Resp: 370892
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.6



#60
Dibromochloromethane
Concen: 17.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 129 Resp: 56067
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.99 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

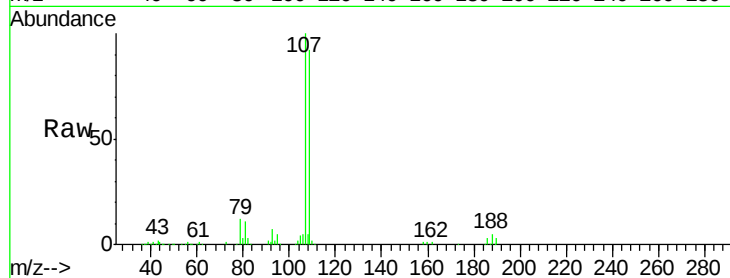
ClientSampled :

Tot Ion:107 Resp: 64043

Ion Ratio Lower Upper

107 100

109 92.4 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

50000

40000

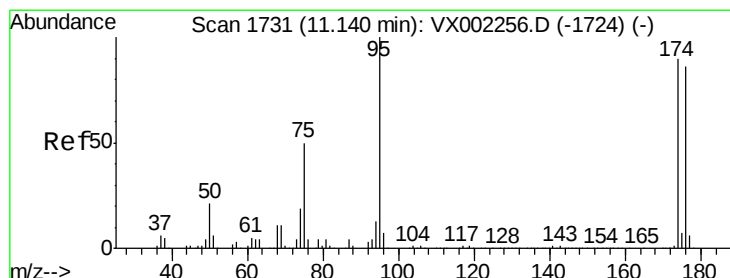
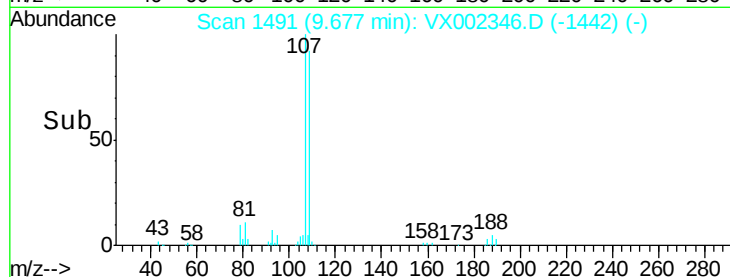
30000

20000

10000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

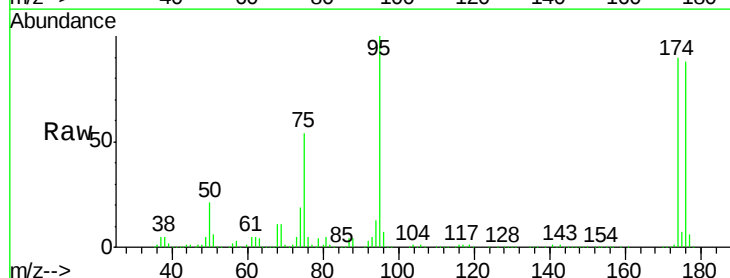
Tgt Ion: 95 Resp: 216405

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.4

176 92.2 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

200000

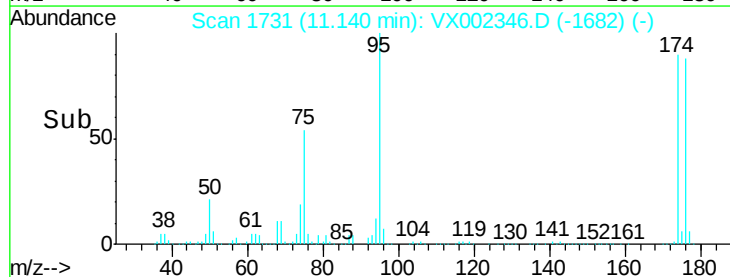
150000

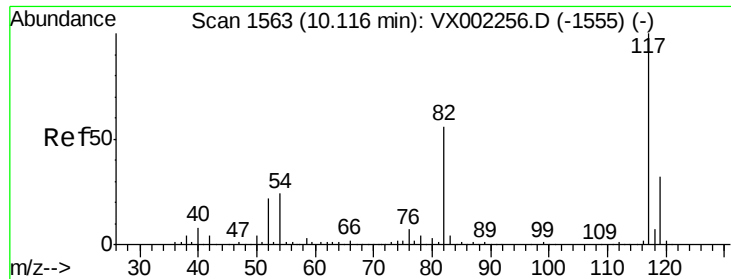
100000

50000

0

Time--> 11.10 11.20

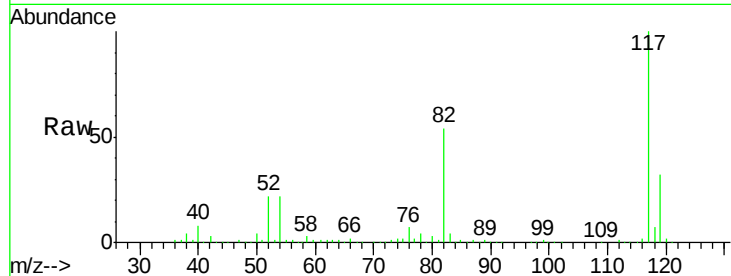




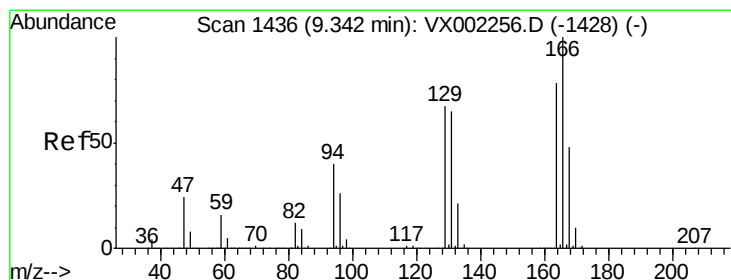
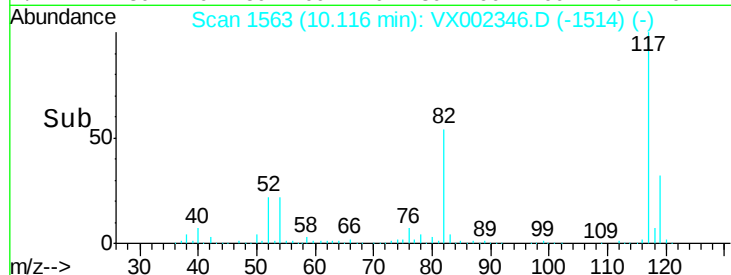
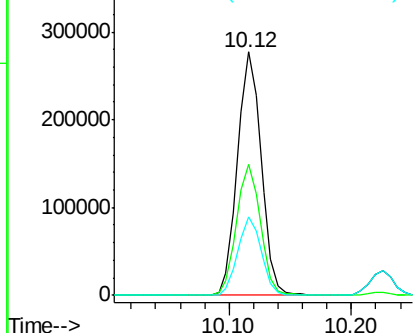
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 370829
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.1 25.8 38.6

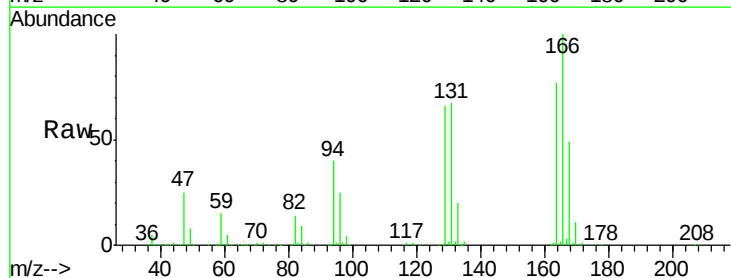


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

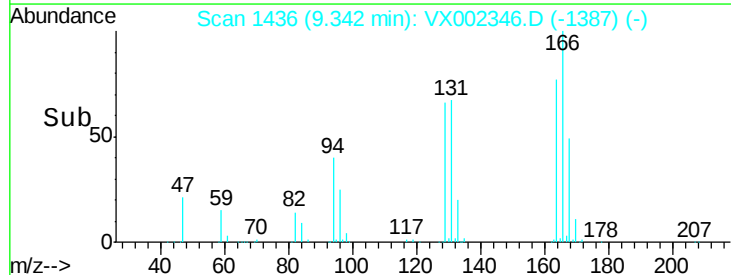
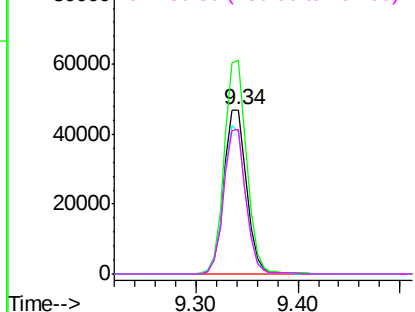


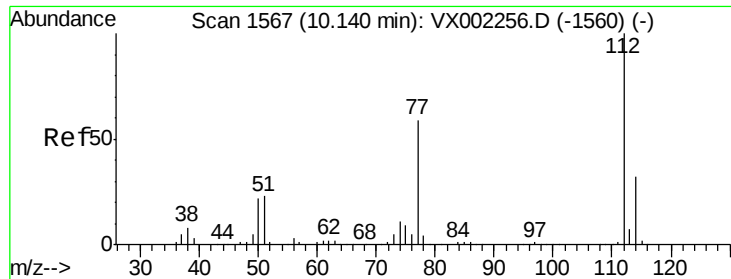
#64
Tetrachloroethene
Concen: 18.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion:164 Resp: 72106
Ion Ratio Lower Upper
164 100
166 129.9 102.9 154.3
129 86.2 68.6 102.8
131 87.6 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.67 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

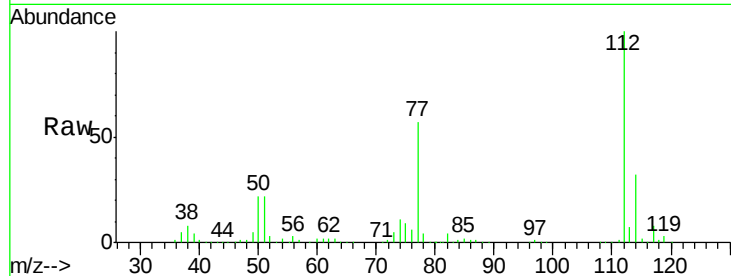
ClientSampled :

Tot Ion:112 Resp: 172268

Ion Ratio Lower Upper

112 100

114 31.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

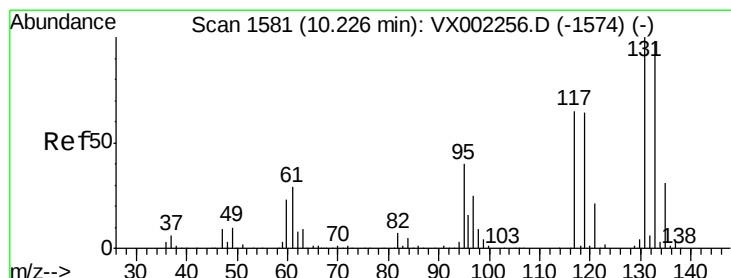
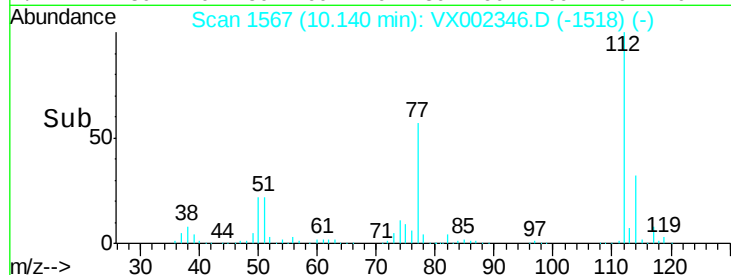
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.48 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

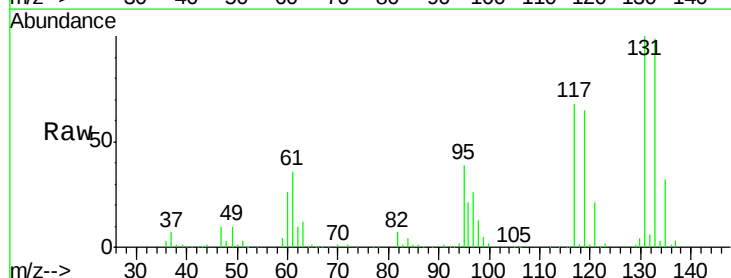
Tgt Ion:131 Resp: 58399

Ion Ratio Lower Upper

131 100

133 97.6 47.9 143.6

119 64.8 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

10.23

50000

40000

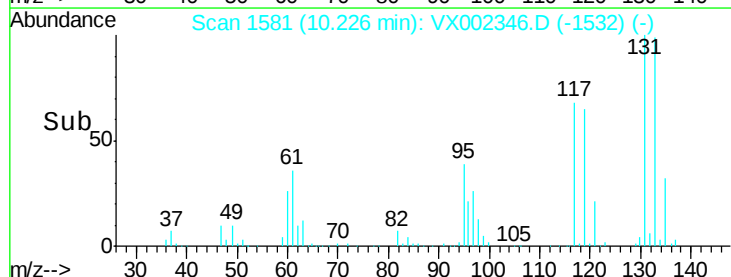
30000

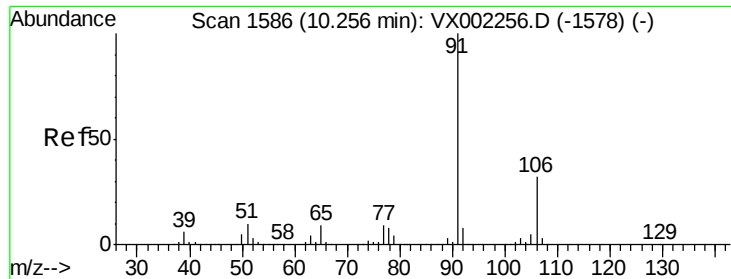
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 19.01 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

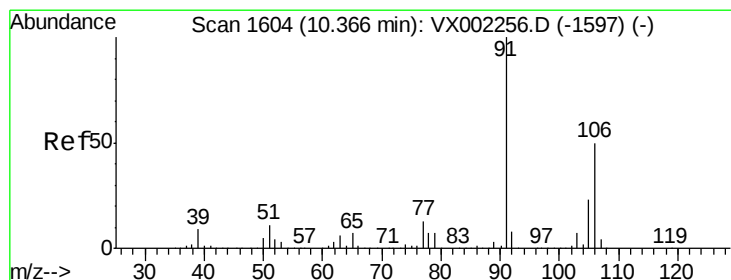
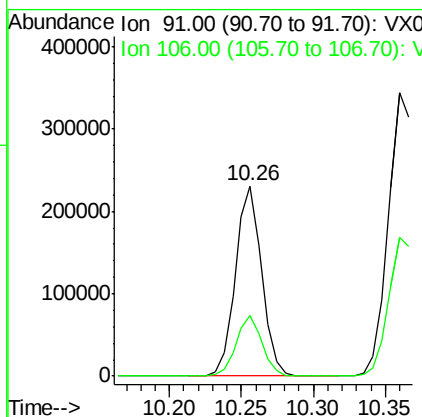
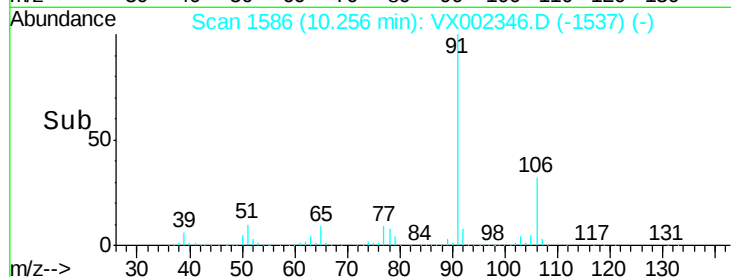
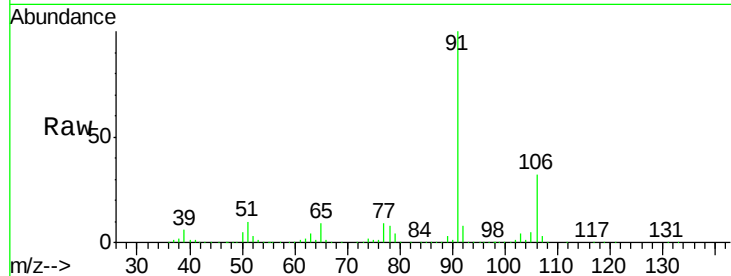
ClientSampleId :

Tot Ion: 91 Resp: 293486

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



#68

m/p-Xylenes

Concen: 37.80 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002346.D

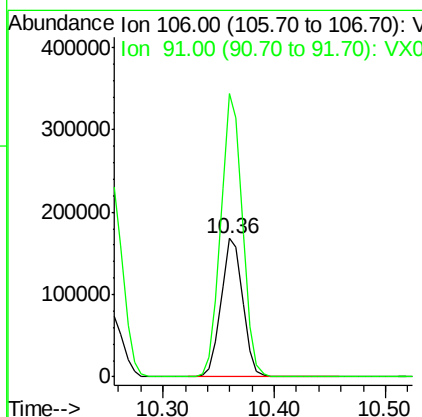
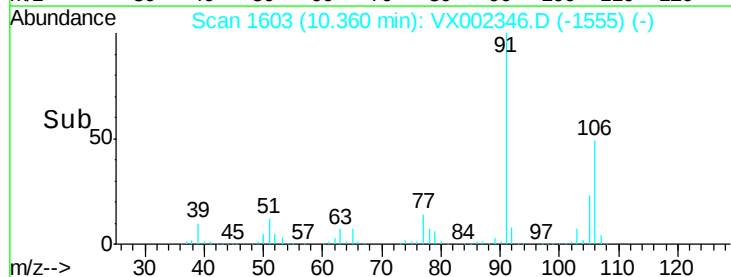
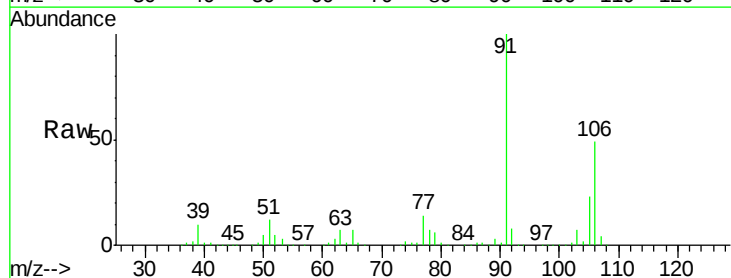
Acq: 06 Jun 2018 12:23

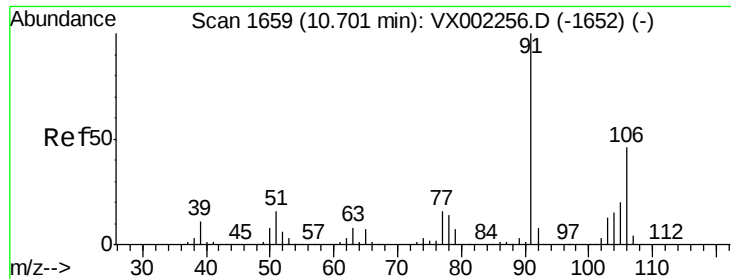
Tgt Ion: 106 Resp: 226910

Ion Ratio Lower Upper

106 100

91 202.9 163.4 245.2

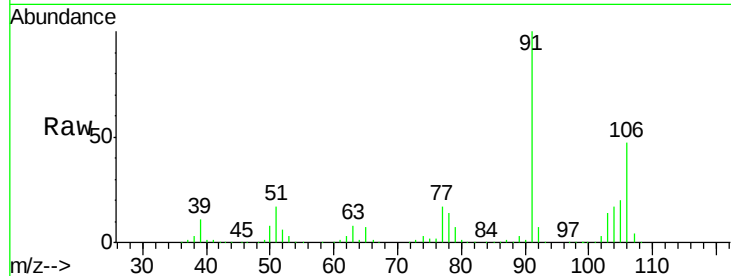




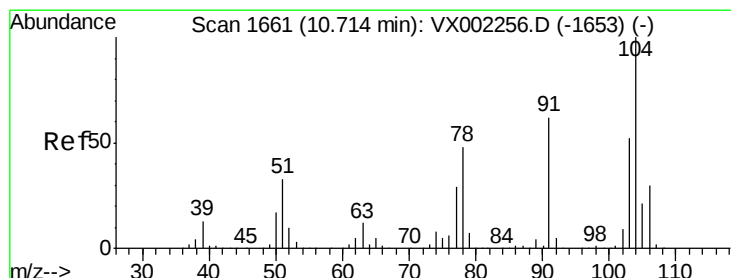
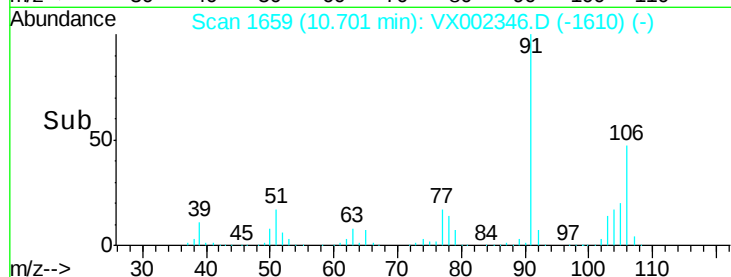
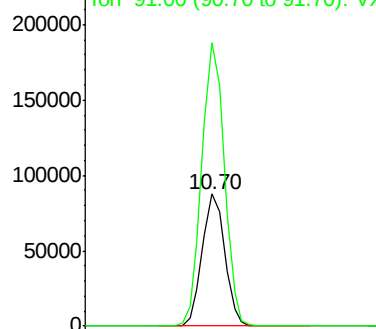
#69
o-Xylene
Concen: 18.76 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 112084
Ion Ratio Lower Upper
106 100
91 214.2 108.2 324.6

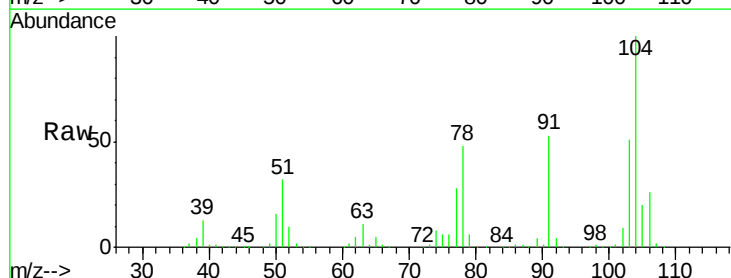


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

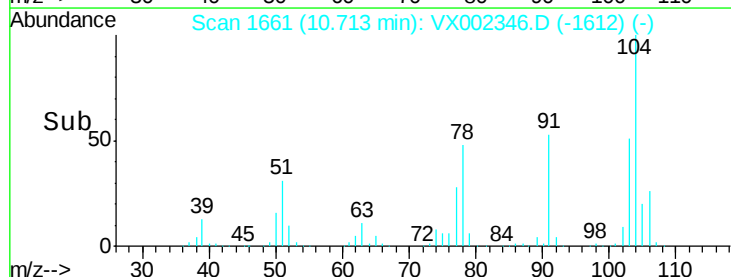
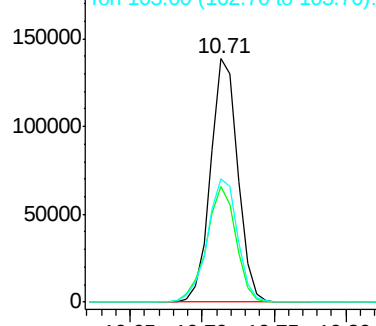


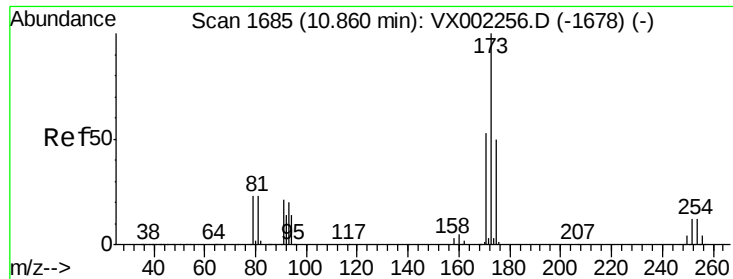
#70
Styrene
Concen: 18.61 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion:104 Resp: 181780
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.6
103 56.4 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

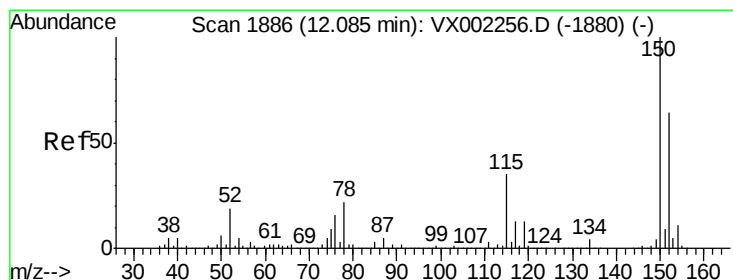
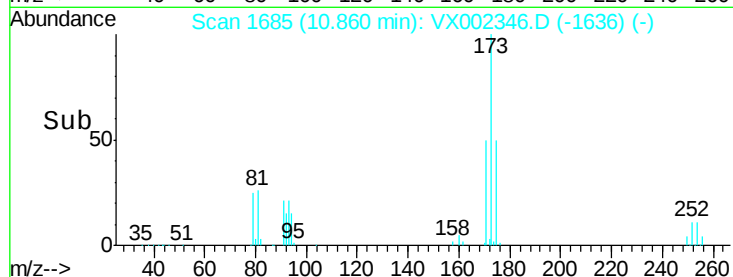
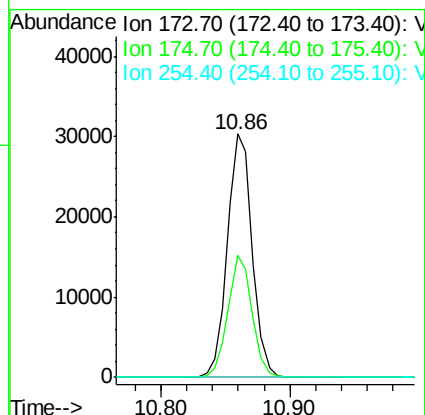
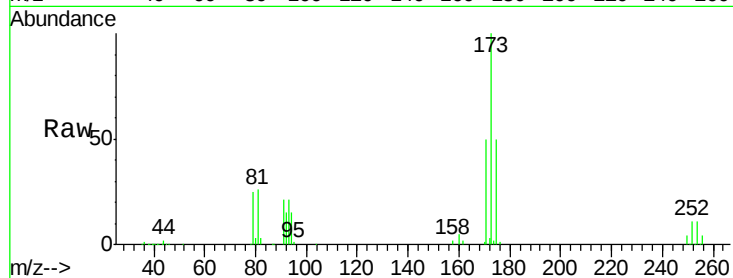




#71
Bromoform
Concen: 16.19 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

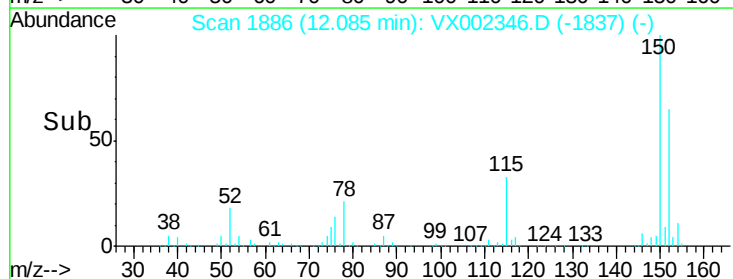
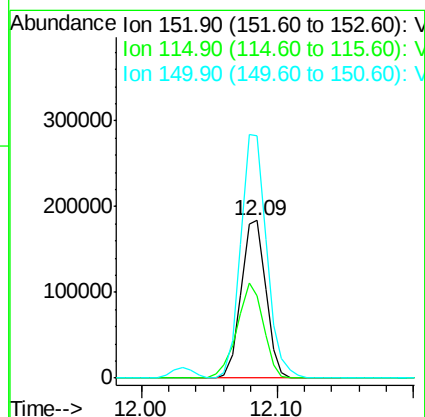
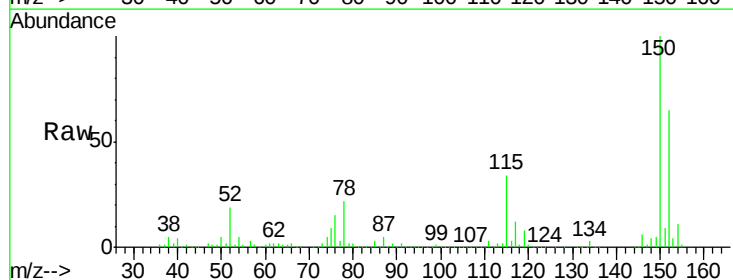
Instrument :
MSVOA_X
ClientSampleId :

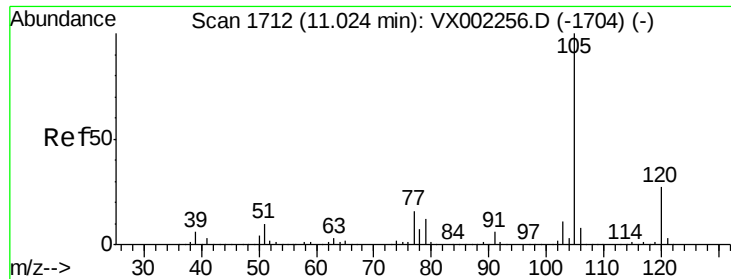
Tot Ion:173 Resp: 40945
Ion Ratio Lower Upper
173 100
175 48.8 24.7 74.1
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion:152 Resp: 233070
Ion Ratio Lower Upper
152 100
115 64.1 40.1 120.2
150 162.1 0.0 347.2





#73

Isopropylbenzene

Concen: 18.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

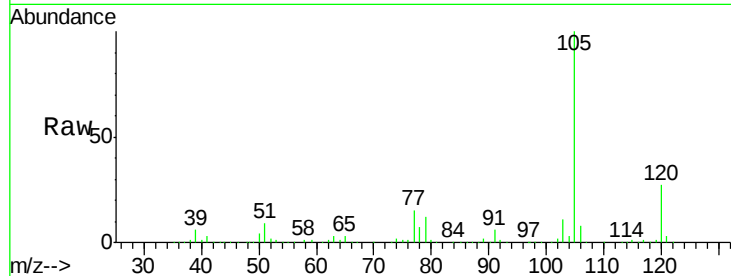
ClientSampleId :

Tot Ion:105 Resp: 303249

Ion Ratio Lower Upper

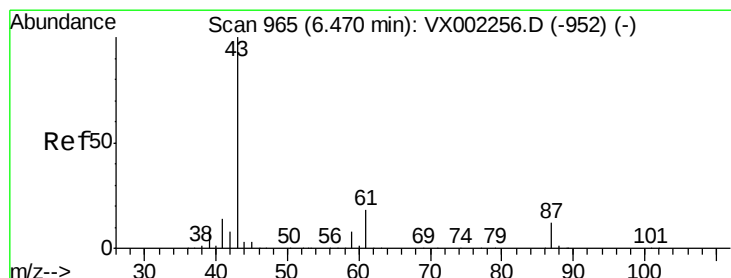
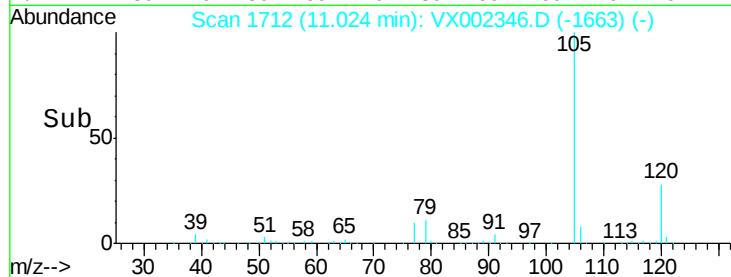
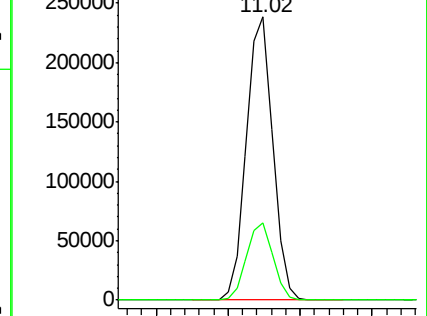
105 100

120 27.3 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: 16.76 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Tgt Ion: 43 Resp: 146436

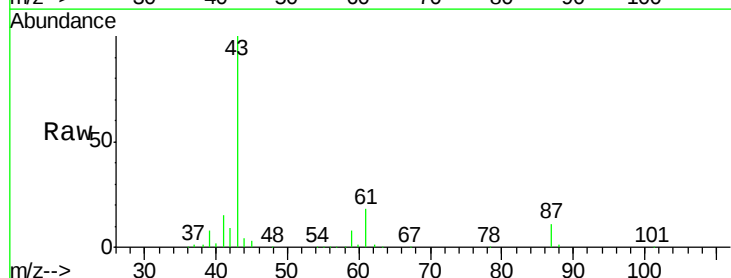
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.0 14.4 21.6

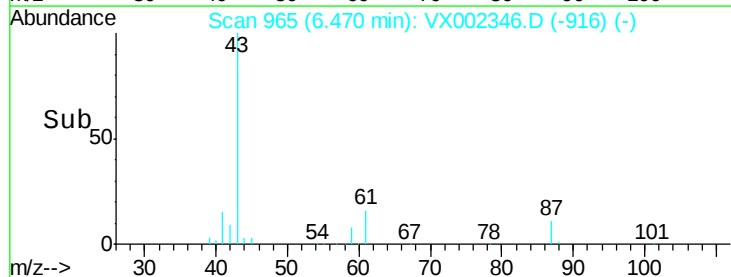
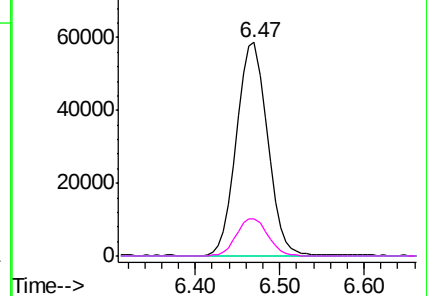


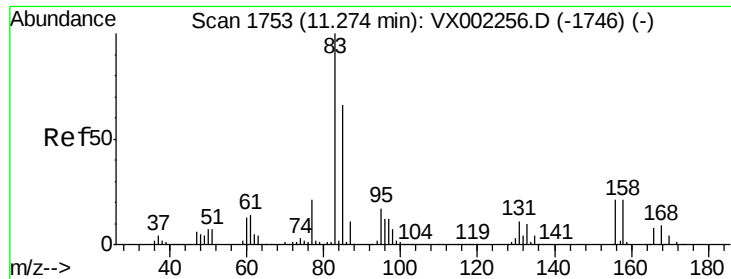
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.60 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

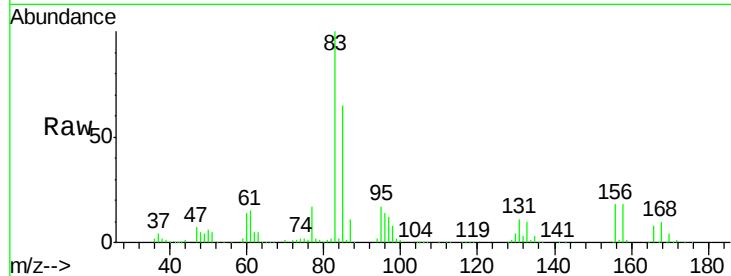
Tot Ion: 83 Resp: 89765

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

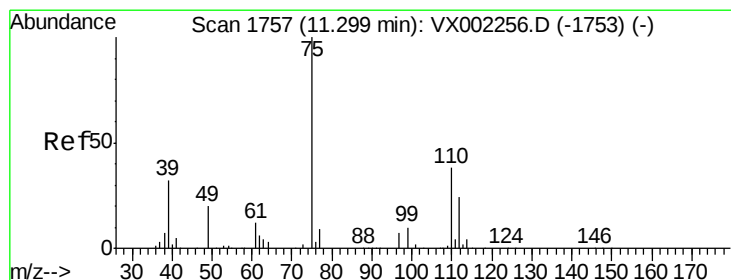
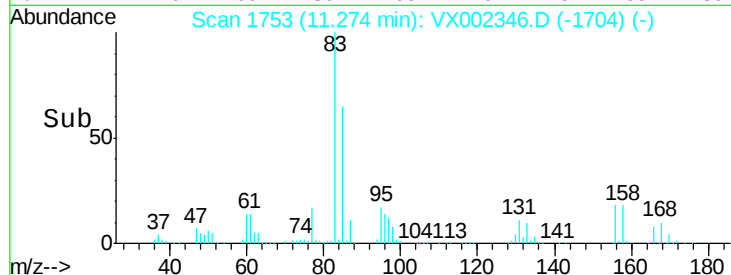
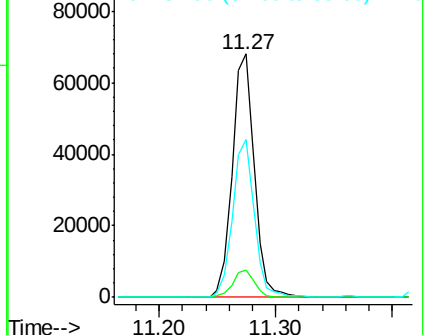
85 64.3 32.4 97.2



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: 19.75 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002346.D

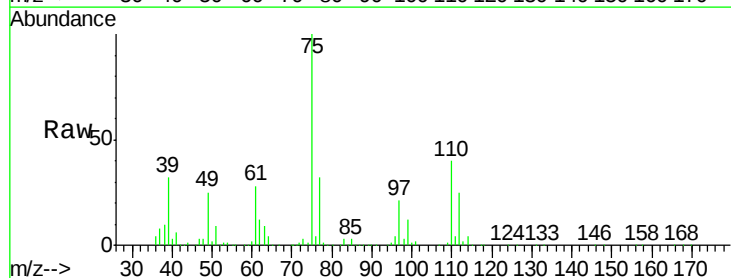
Acq: 06 Jun 2018 12:23

Tgt Ion: 75 Resp: 101025

Ion Ratio Lower Upper

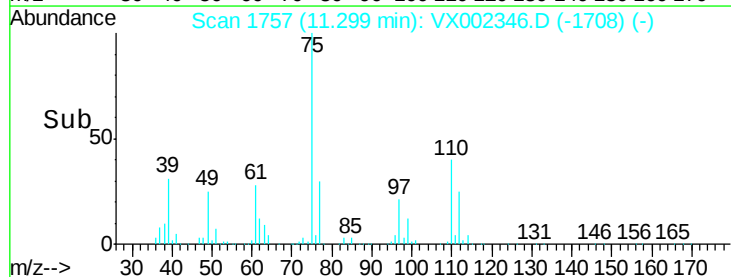
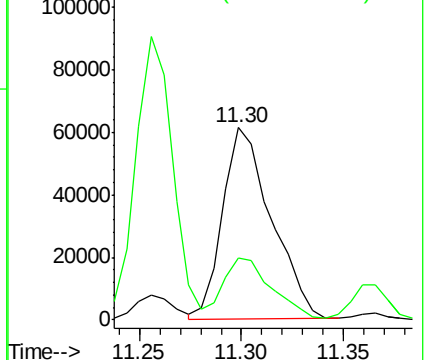
75 100

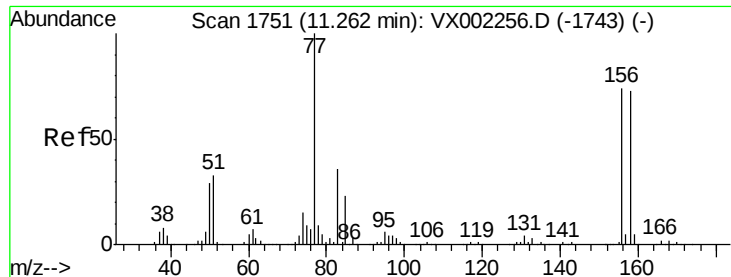
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.80 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

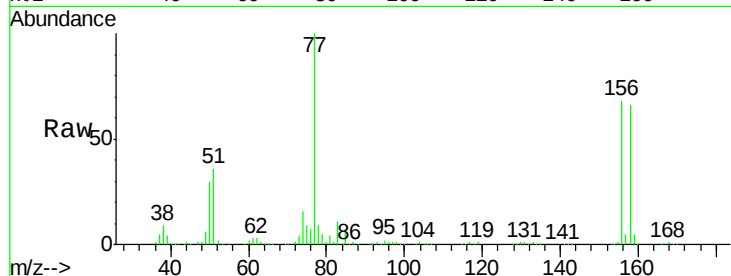
Tot Ion:156 Resp: 81035

Ion Ratio Lower Upper

156 100

77 141.4 71.4 214.2

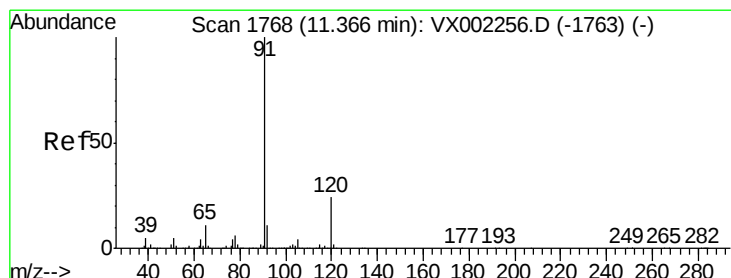
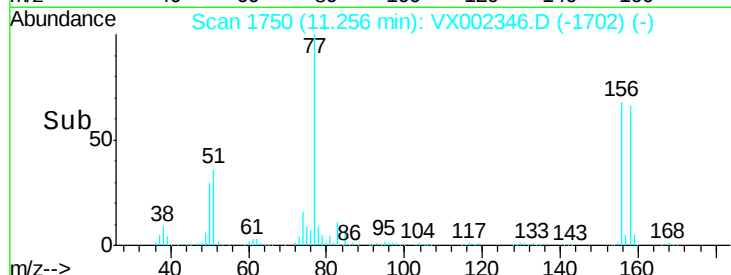
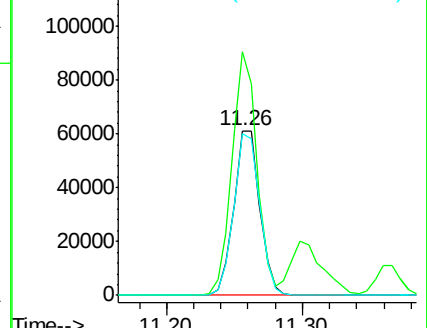
158 98.2 48.9 146.6



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: 19.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002346.D

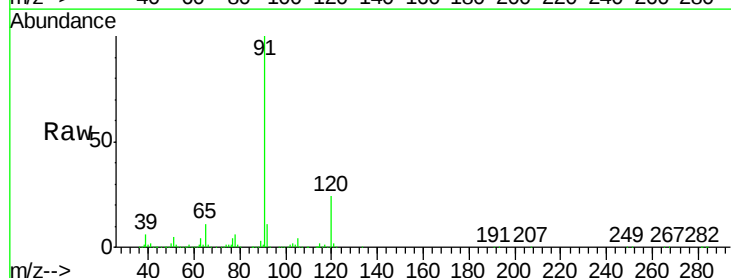
Acq: 06 Jun 2018 12:23

Tgt Ion: 91 Resp: 348290

Ion Ratio Lower Upper

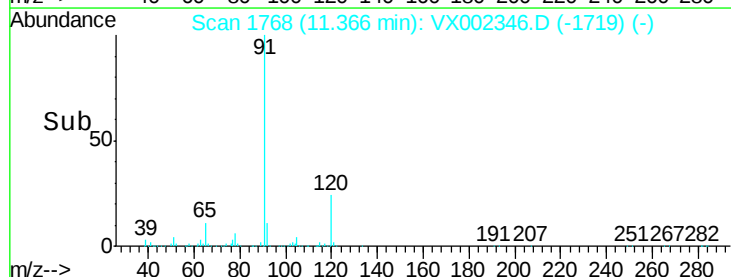
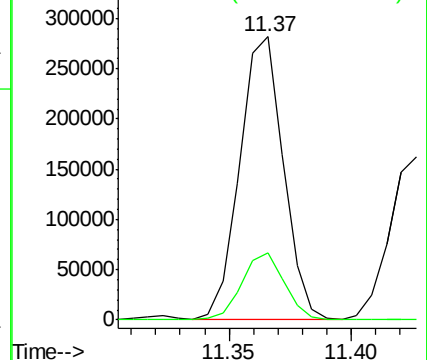
91 100

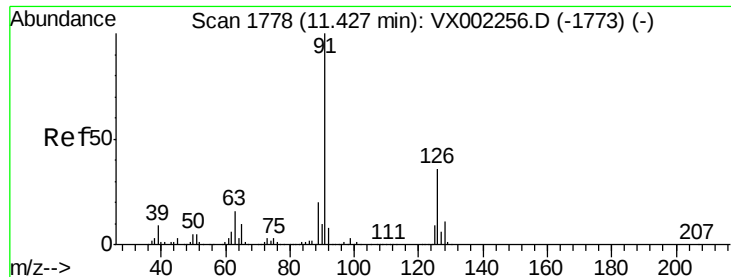
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.91 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

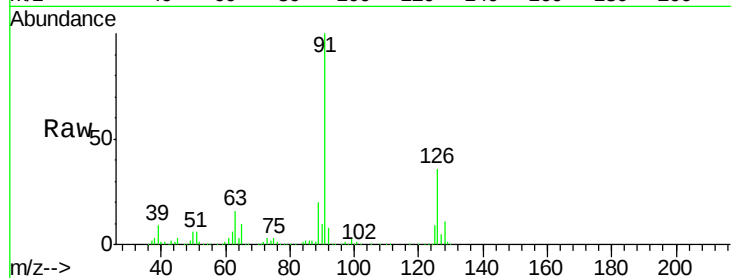
ClientSampleId :

Tot Ion: 91 Resp: 203763

Ion Ratio Lower Upper

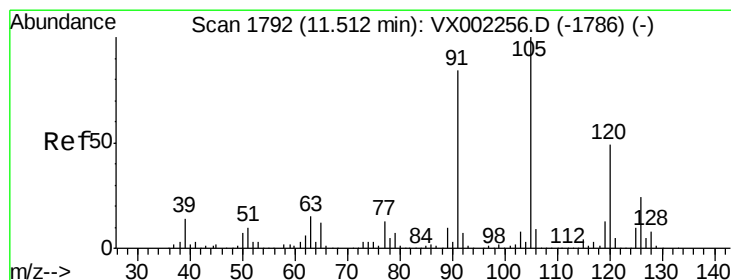
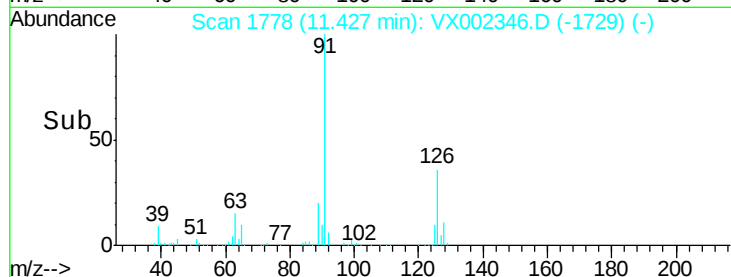
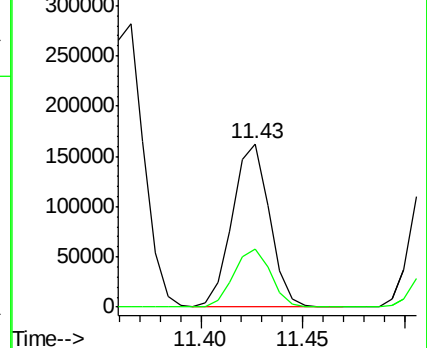
91 100

126 36.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002346.D

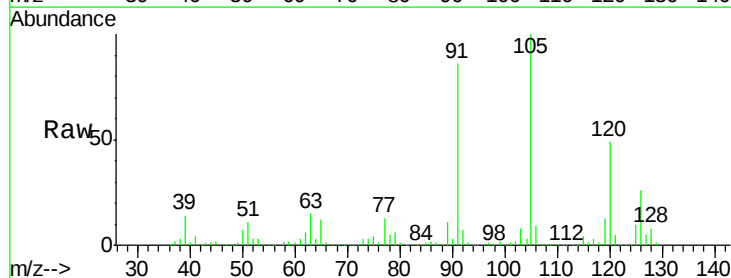
Acq: 06 Jun 2018 12:23

Tgt Ion: 105 Resp: 258858

Ion Ratio Lower Upper

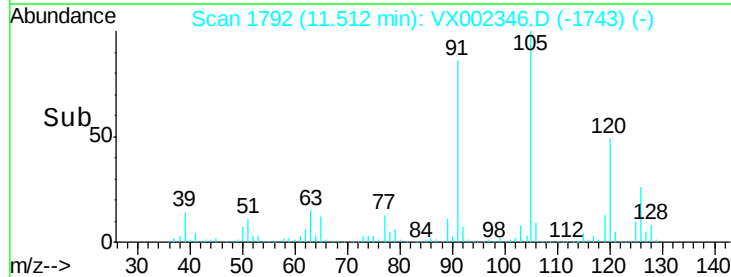
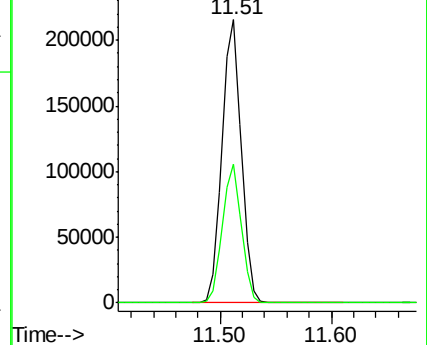
105 100

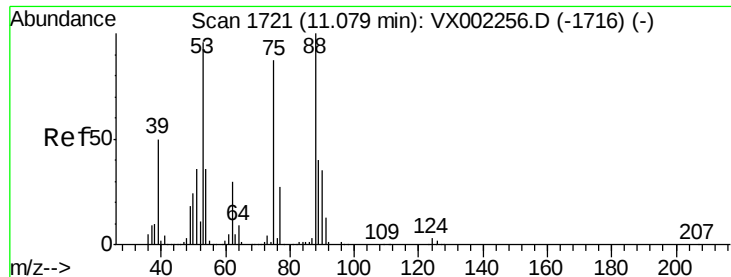
120 48.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.02 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

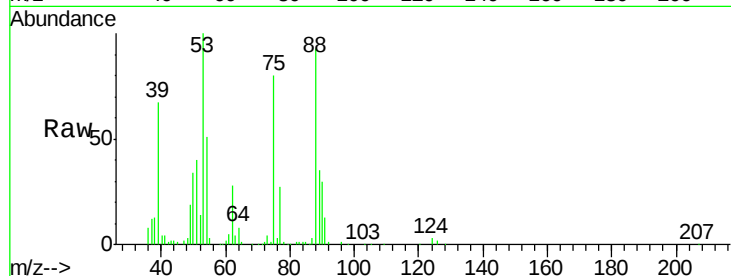
Tot Ion: 75 Resp: 20460

Ion	Ratio	Lower	Upper
75	100		
53	128.7	86.8	130.2
89	46.5	38.2	57.2

75 100

53 128.7 86.8 130.2

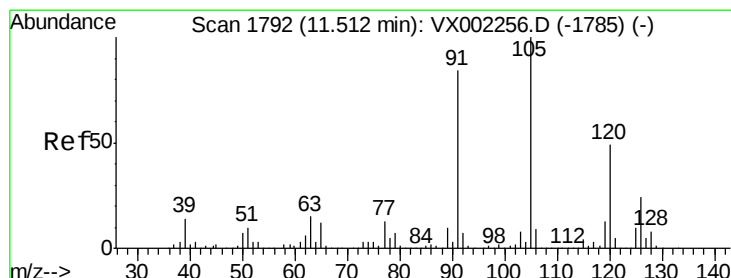
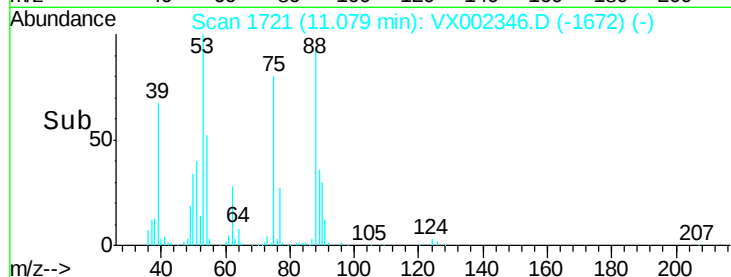
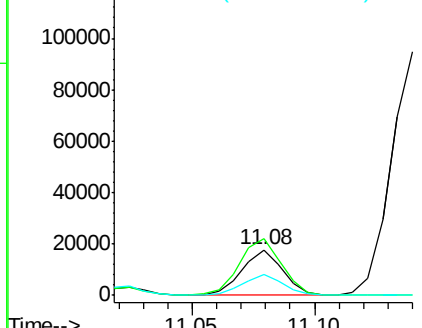
89 46.5 38.2 57.2



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



#82

4-Chlorotoluene

Concen: 18.31 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002346.D

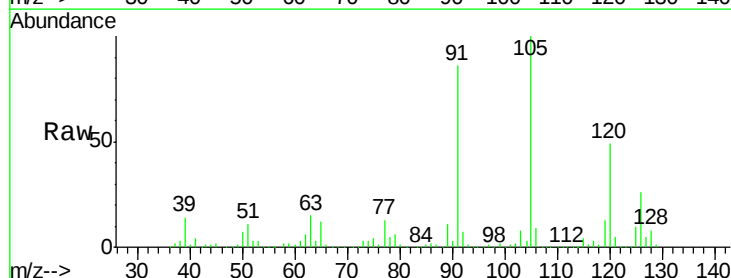
Acq: 06 Jun 2018 12:23

Tgt Ion: 91 Resp: 240546

Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4

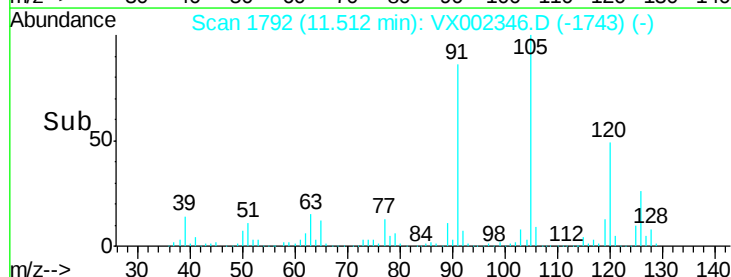
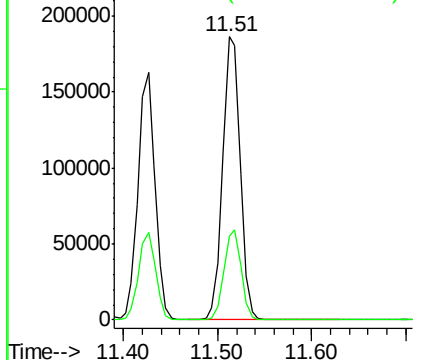
91 100

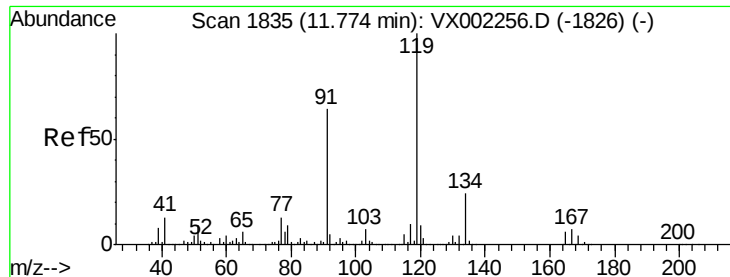
126 31.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

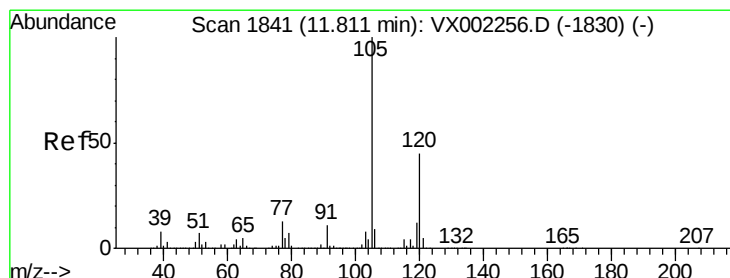
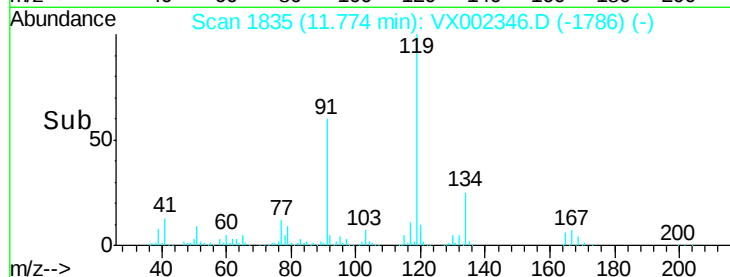
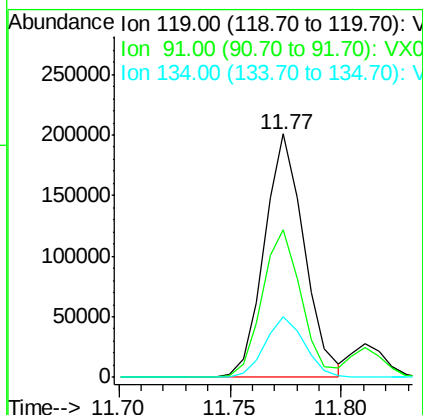
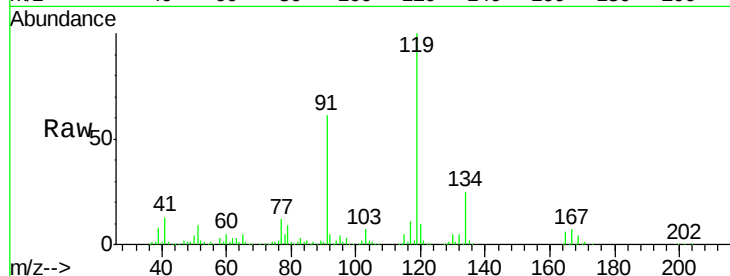




#83
 tert-Butylbenzene
 Concen: 18.38 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

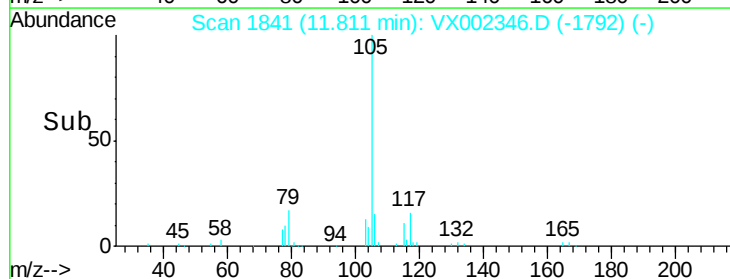
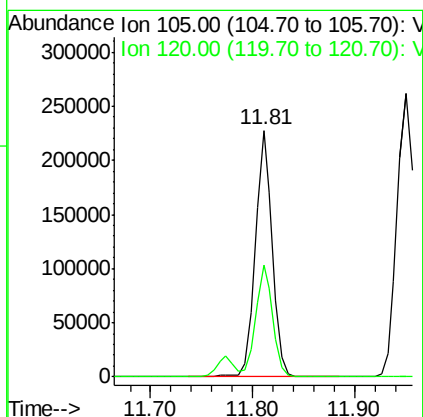
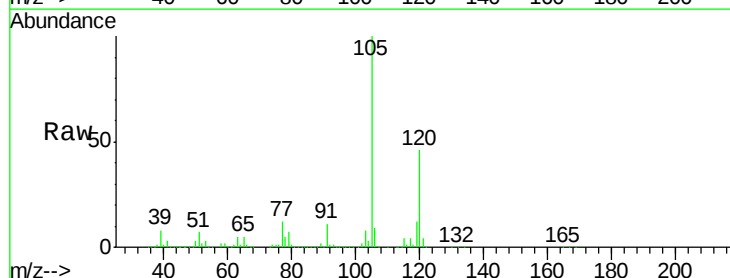
Instrument :
 MSVOA_X
 ClientSampled :

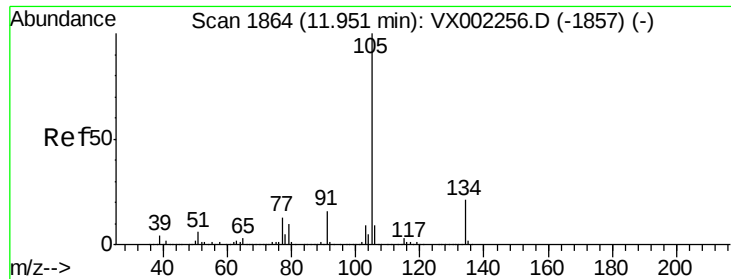
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.3	90.9
134	24.7	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.62 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.8





#85

sec-Butylbenzene

Concen: 19.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

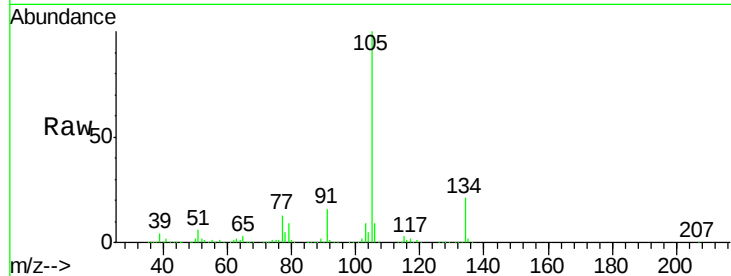
ClientSampleId :

Tot Ion:105 Resp: 314775

Ion Ratio Lower Upper

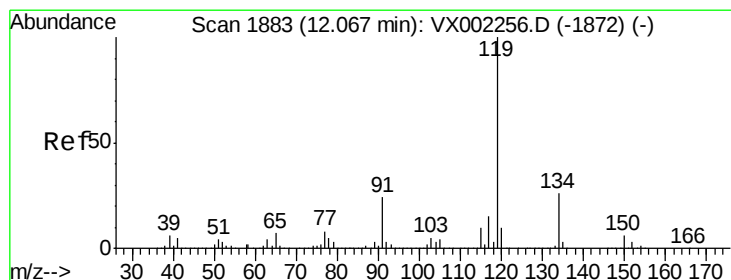
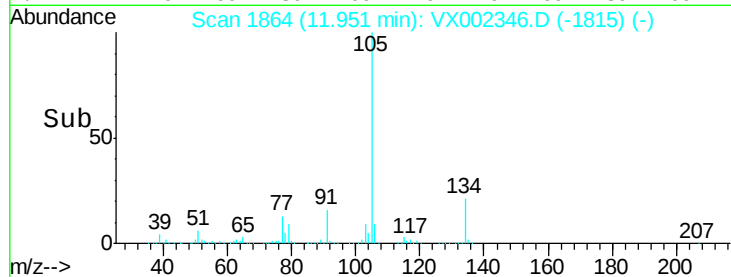
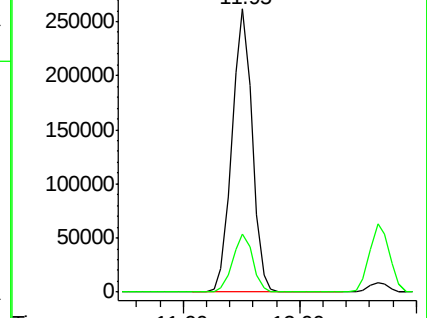
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

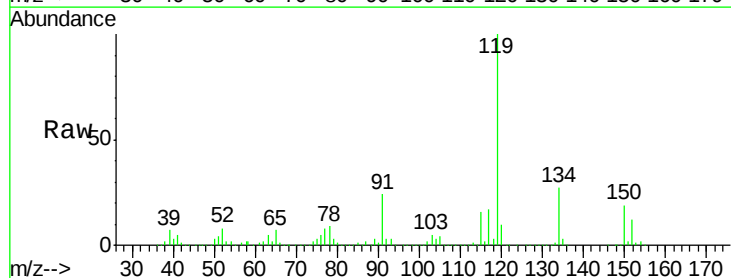
Tgt Ion:119 Resp: 282524

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

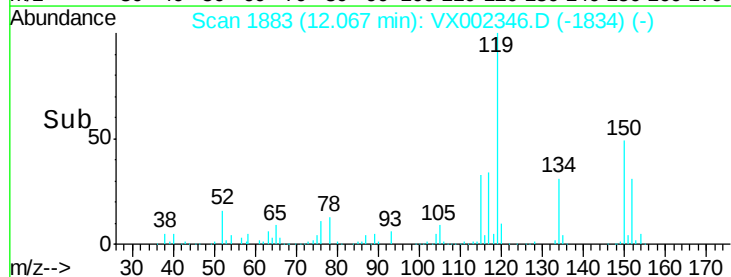
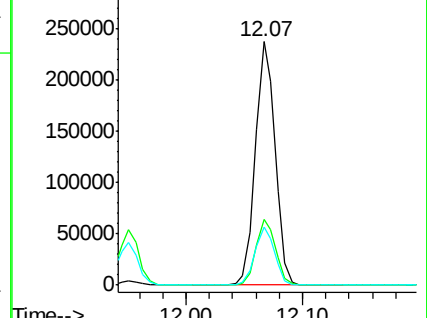
91 24.0 11.9 35.7

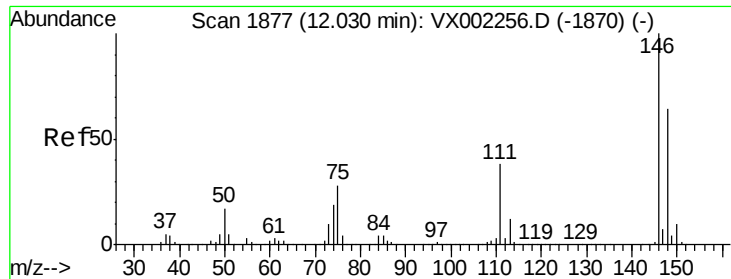


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.25 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

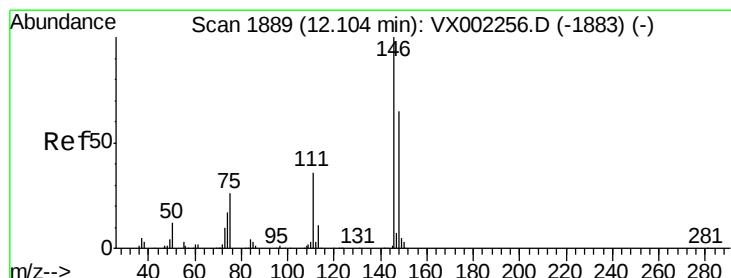
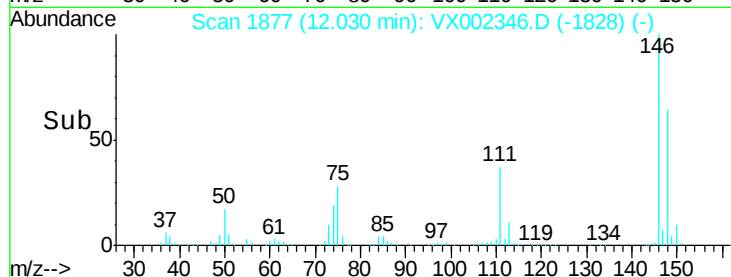
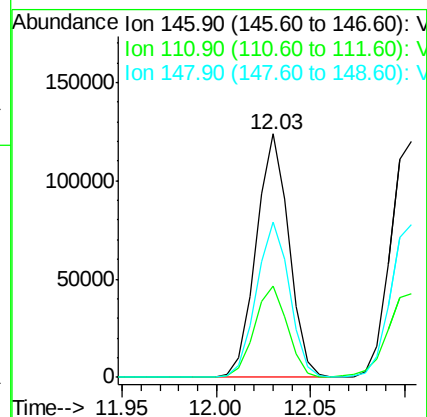
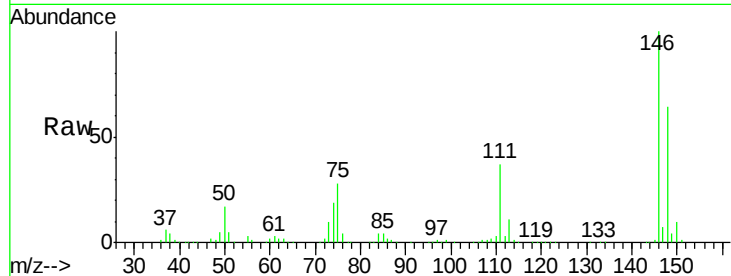
Tot Ion:146 Resp: 148558

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

148 64.6 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 18.11 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

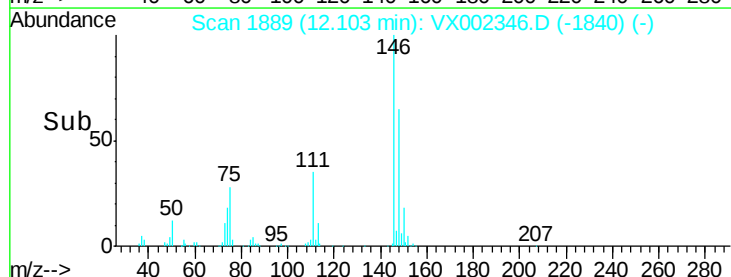
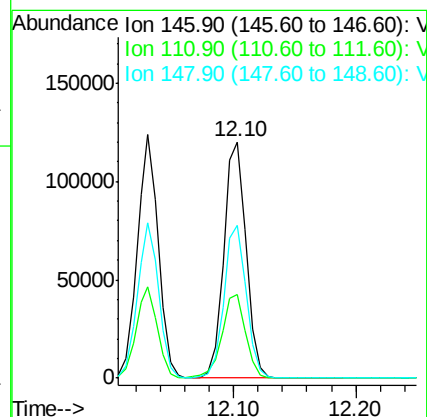
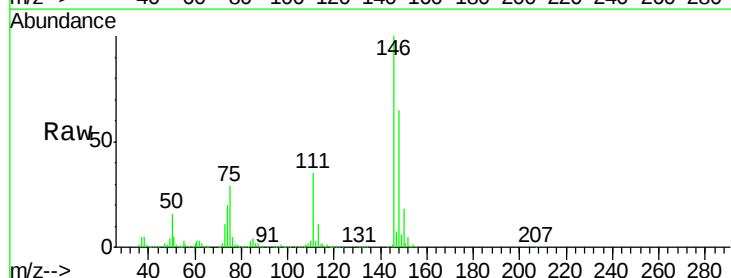
Tgt Ion:146 Resp: 151922

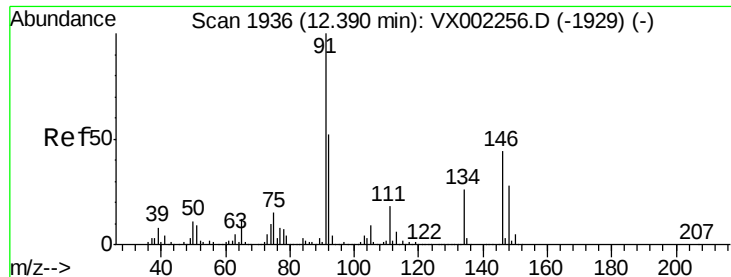
Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

148 65.1 32.4 97.0





#89

n-Butylbenzene

Concen: 20.11 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

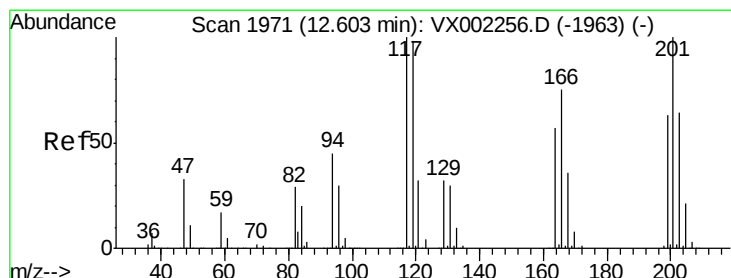
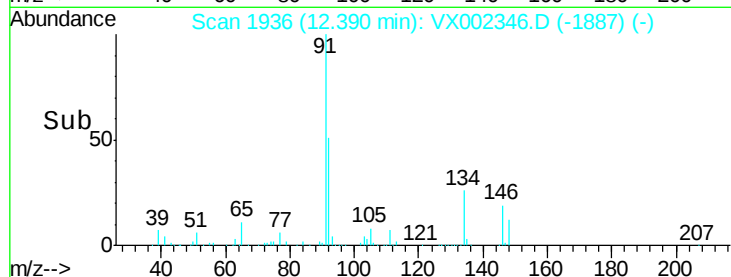
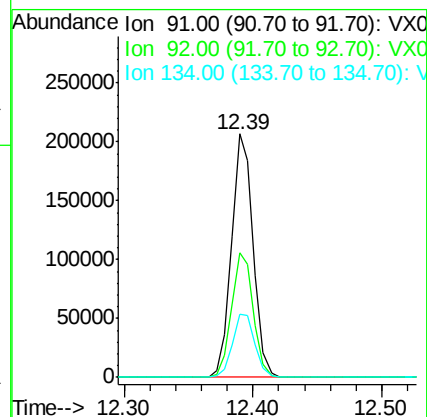
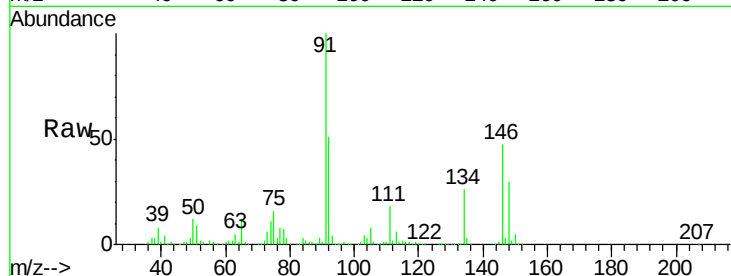
Tot Ion: 91 Resp: 243856

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 27.0 13.5 40.5



#90

Hexachloroethane

Concen: 15.79 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002346.D

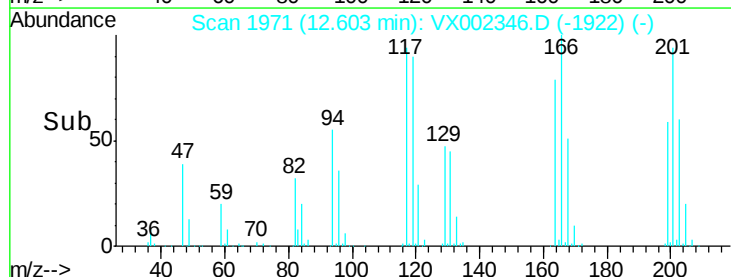
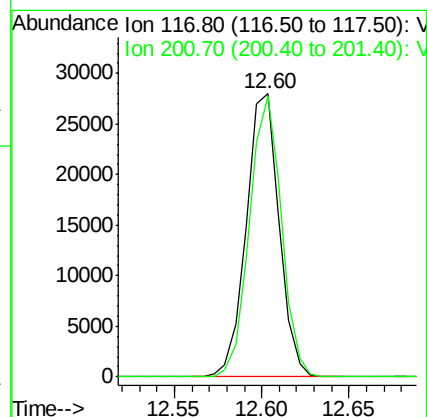
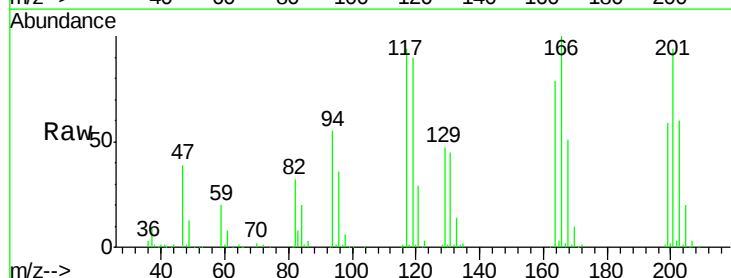
Acq: 06 Jun 2018 12:23

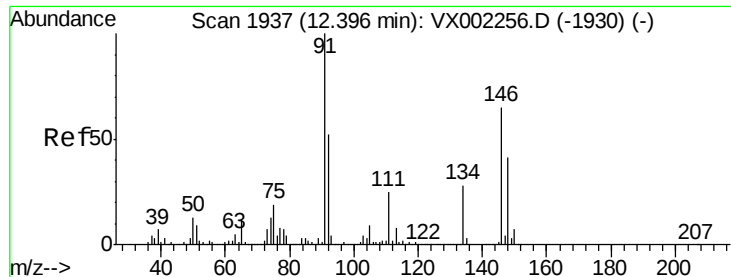
Tgt Ion: 117 Resp: 36455

Ion Ratio Lower Upper

117 100

201 95.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 18.23 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

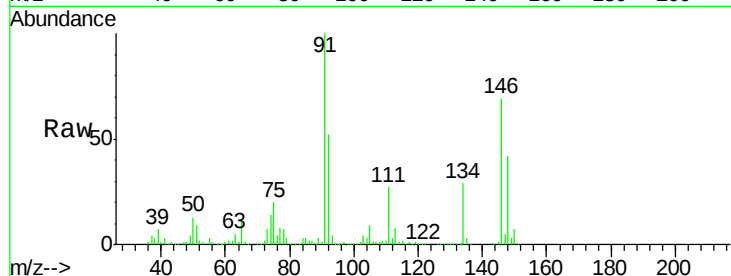
Tot Ion:146 Resp: 153504

Ion Ratio Lower Upper

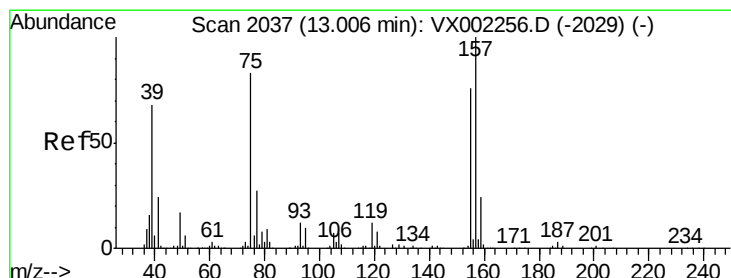
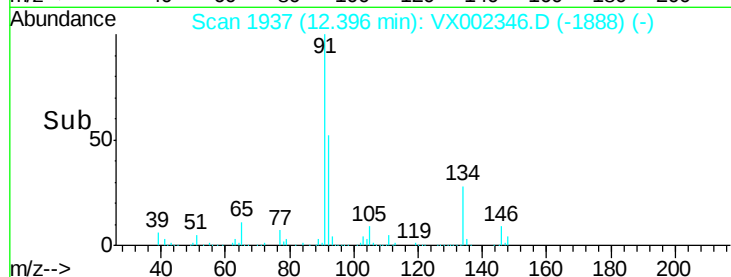
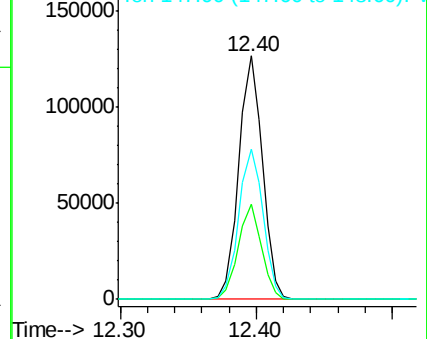
146 100

111 38.5 19.4 58.1

148 63.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.30 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

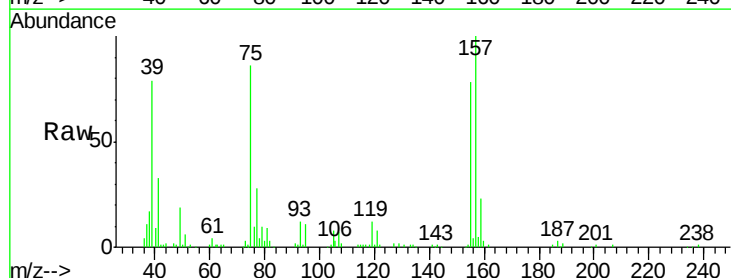
Tgt Ion: 75 Resp: 18180

Ion Ratio Lower Upper

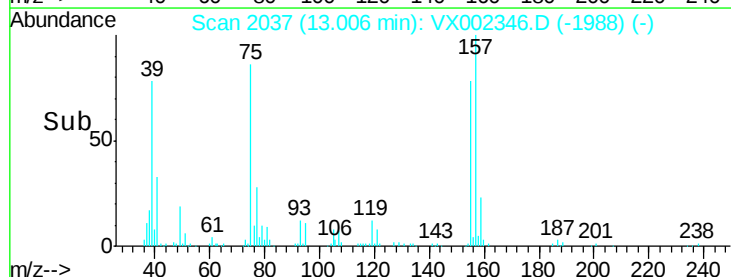
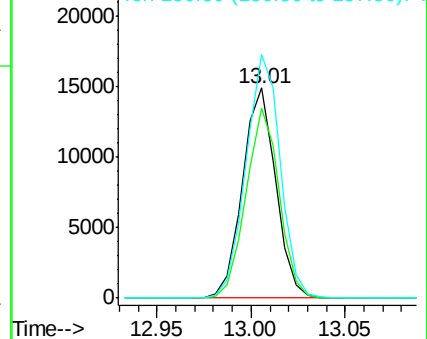
75 100

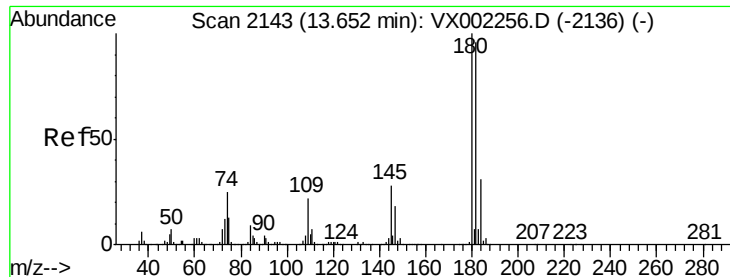
155 89.9 45.8 137.4

157 119.7 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

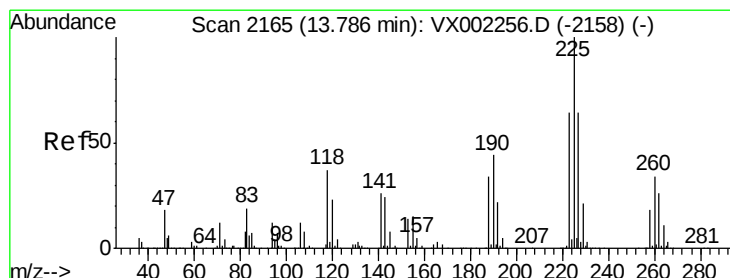
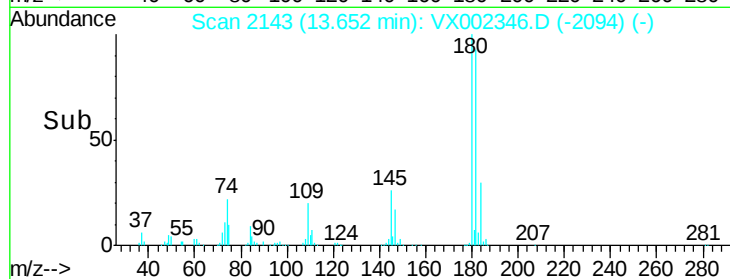
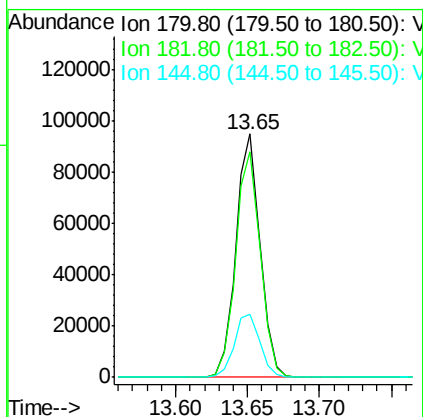
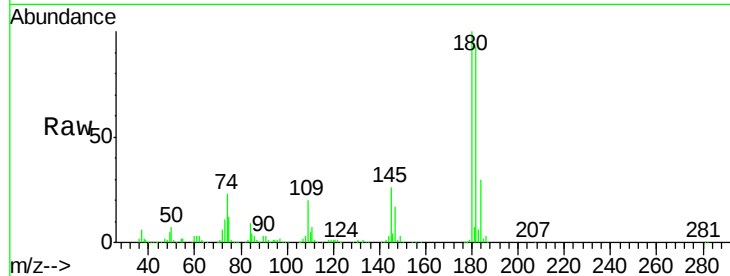




#93
 1,2,4-Trichlorobenzene
 Concen: 18.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

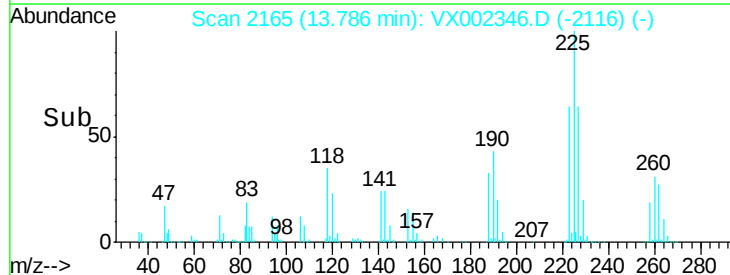
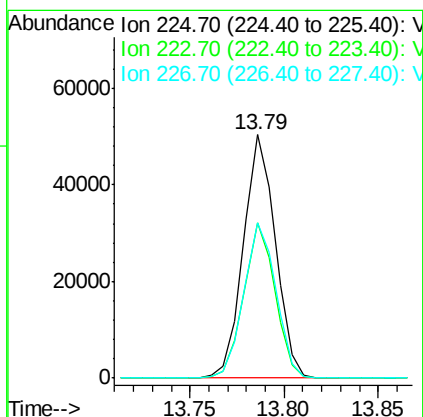
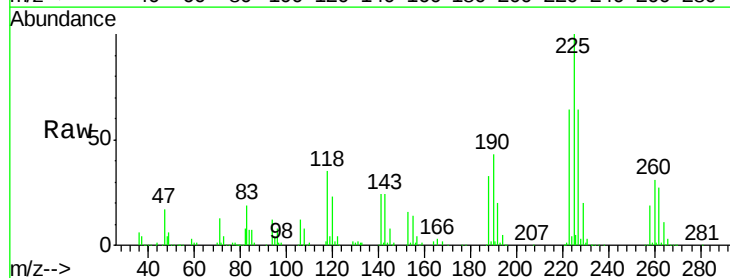
Instrument :
 MSVOA_X
 ClientSampleId :

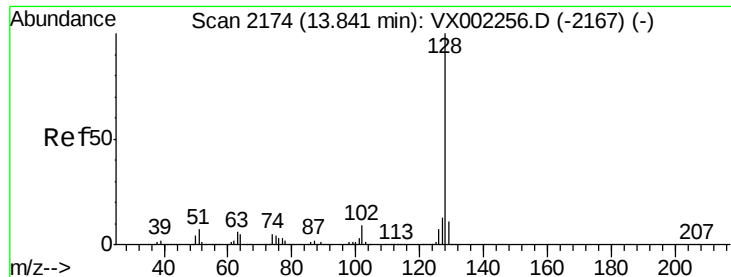
Tot Ion:180 Resp: 111476
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.32 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion:225 Resp: 59299
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.1 32.4 97.2

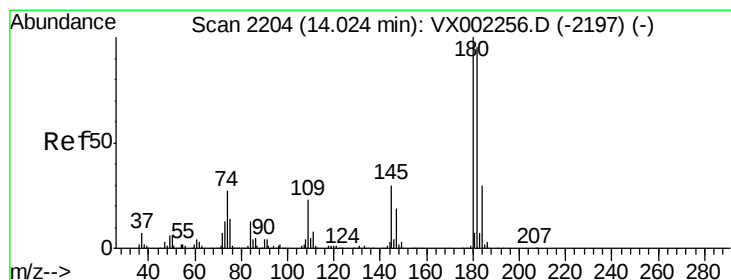
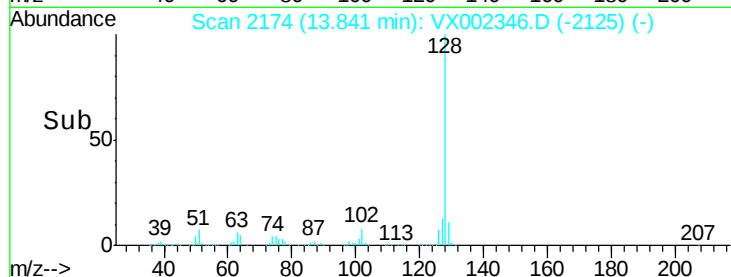
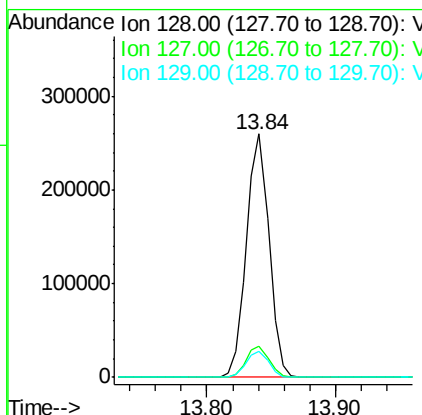
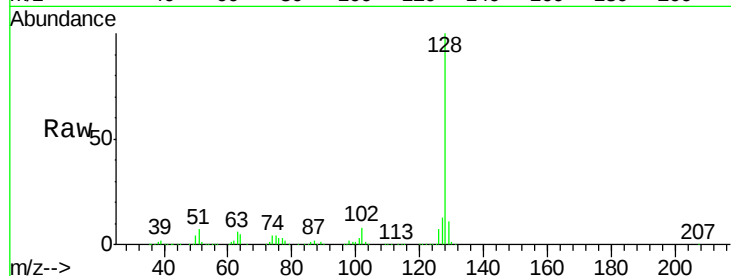




#95
Naphthalene
Concen: 18.42 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 312431
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.82 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion:180 Resp: 113351
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.0
145 29.5 14.8 44.3

