

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002290.D
 Acq On : 05 Jun 2018 05:25
 Operator : JC/MD
 Sample : J3269-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:24:29 2018
 Quant Method : Y:\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	253399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177067	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	136191	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	8.72	98	527143	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.14	95	206354	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	133553	50.70	ug/l	99
3) Chloromethane	1.32	50	164107	54.64	ug/l	98
4) Vinyl Chloride	1.41	62	260025	78.32	ug/l	98
5) Bromomethane	1.64	94	99780	53.33	ug/l	100
6) Chloroethane	1.72	64	110293	51.36	ug/l	99
7) Trichlorofluoromethane	1.93	101	278545	55.07	ug/l	97
8) Diethyl Ether	2.19	74	100398	56.15	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	150251	55.04	ug/l	100
10) Methyl Iodide	2.51	142	195385	50.89	ug/l	99
11) Tert butyl alcohol	3.07	59	171776	229.69	ug/l	98
12) 1,1-Dichloroethene	2.37	96	140637	52.13	ug/l	98
13) Acrolein	2.30	56	98911	275.92	ug/l	99
14) Allyl chloride	2.73	41	271024	46.30	ug/l	99
15) Acrylonitrile	3.15	53	416892	271.14	ug/l	100
16) Acetone	2.45	43	382451	245.03	ug/l	99
17) Carbon Disulfide	2.57	76	339636	47.77	ug/l	98
18) Methyl Acetate	2.78	43	187687	51.80	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	520773	55.71	ug/l	100
20) Methylene Chloride	2.86	84	157991	55.44	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	149977	50.42	ug/l	99
22) Diisopropyl ether	3.88	45	501324	51.30	ug/l	99
23) Vinyl Acetate	3.83	43	2019596	212.81	ug/l	99
24) 1,1-Dichloroethane	3.70	63	281450	48.64	ug/l	99
25) 2-Butanone	4.71	43	541991	218.14	ug/l	99
26) 2,2-Dichloropropane	4.59	77	149911	33.14	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	199478	61.66	ug/l	91
28) Bromochloromethane	5.03	49	134918	55.20	ug/l	100
29) Tetrahydrofuran	5.17	42	359730	224.56	ug/l	100
30) Chloroform	5.22	83	270786	48.50	ug/l	99
31) Cyclohexane	5.58	56	234365	51.22	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	237055	50.06	ug/l	99
36) 1,1-Dichloropropene	5.81	75	196773	50.74	ug/l	100
37) Ethyl Acetate	4.87	43	209928	45.01	ug/l	100
38) Carbon Tetrachloride	5.79	117	207336	51.11	ug/l	100

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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	232416	48.52	ug/l	99
40) Benzene	6.15	78	593199	49.89	ug/l	99
41) Methacrylonitrile	5.07	41	126419	47.35	ug/l	100
42) 1,2-Dichloroethane	6.20	62	232537	49.22	ug/l	99
43) Isopropyl Acetate	6.47	43	358109	45.21	ug/l	100
44) Trichloroethene	7.22	130	166670	50.51	ug/l	98
45) 1,2-Dichloropropane	7.52	63	156838	48.86	ug/l	99
46) Dibromomethane	7.67	93	104939	48.22	ug/l	99
47) Bromodichloromethane	7.90	83	192887	49.01	ug/l	99
48) Methyl methacrylate	7.78	41	196021	49.26	ug/l	98
49) 1,4-Dioxane	7.76	88	63751	856.91	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1200431	243.35	ug/l	100
52) Toluene	8.79	92	385579	50.99	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	220787	46.78	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	206484	46.37	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	154786	49.76	ug/l	99
56) Ethyl methacrylate	9.19	69	240558	48.44	ug/l	99
57) 1,3-Dichloropropane	9.38	76	254624	48.80	ug/l	100
59) 2-Hexanone	9.50	43	919705	241.38	ug/l	99
60) Dibromochloromethane	9.59	129	157528	50.35	ug/l	100
61) 1,2-Dibromoethane	9.68	107	163909	50.54	ug/l	100
64) Tetrachloroethene	9.34	164	178997	48.45	ug/l	99
65) Chlorobenzene	10.14	112	439521	49.31	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	160332	49.68	ug/l	99
67) Ethyl Benzene	10.26	91	763784	51.20	ug/l	99
68) m/p-Xylenes	10.37	106	599650	103.41	ug/l	100
69) o-Xylene	10.70	106	292328	50.66	ug/l	99
70) Styrene	10.72	104	488301	51.76	ug/l	100
71) Bromoform	10.86	173	119936	42.08	ug/l	100
73) Isopropylbenzene	11.02	105	792620	49.78	ug/l	100
74) N-amyl acetate	6.47	43	358109	41.74	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	231597	46.25	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	264979	52.76	ug/l	79
77) Bromobenzene	11.26	156	215804	48.28	ug/l	98
78) n-propylbenzene	11.37	91	905993	51.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	537307	48.09	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	679253	49.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54715	38.19	ug/l	93
82) 4-Chlorotoluene	11.51	91	636044	49.32	ug/l	100
83) tert-Butylbenzene	11.77	119	661839	49.77	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	704855	50.14	ug/l	100
85) sec-Butylbenzene	11.95	105	812557	52.12	ug/l	100
86) p-Isopropyltoluene	12.07	119	741584	52.22	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	392965	49.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	399714	48.52	ug/l	99
89) n-Butylbenzene	12.39	91	631032	52.99	ug/l	100
90) Hexachloroethane	12.60	117	108670	47.94	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	402714	48.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51273	46.82	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	286772	49.46	ug/l	100

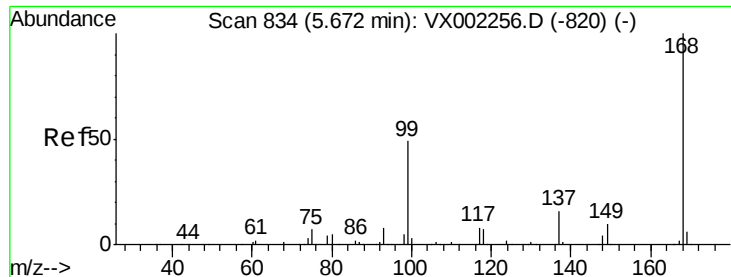
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	147642	51.53	ug/l	100
95) Naphthalene	13.84	128	827142	49.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295726	50.01	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

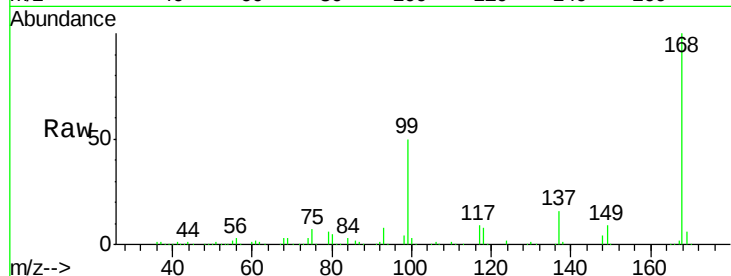
ClientSampleId :

Tot Ion:168 Resp: 253399

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

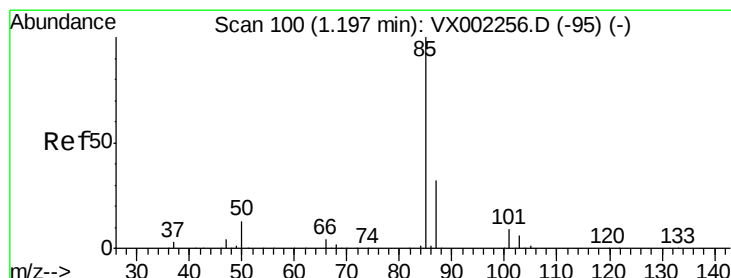
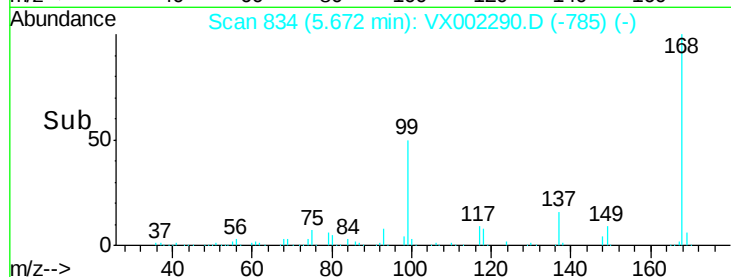
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.70 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002290.D

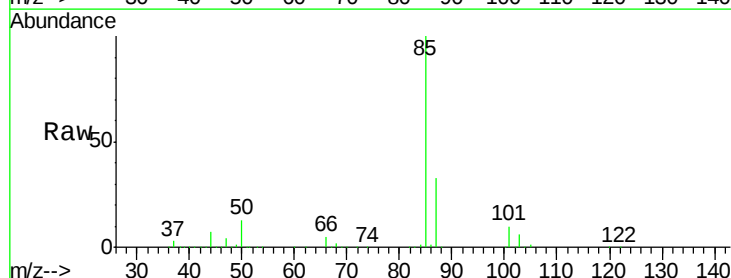
Acq: 05 Jun 2018 05:25

Tgt Ion: 85 Resp: 133553

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

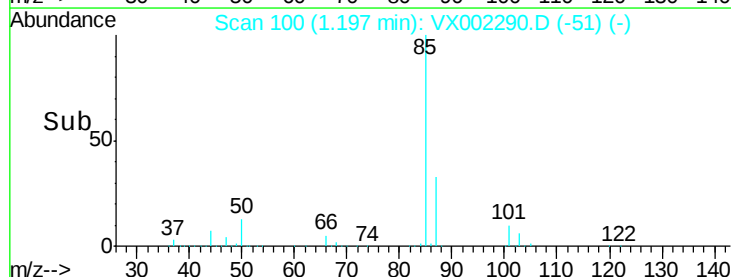
150000

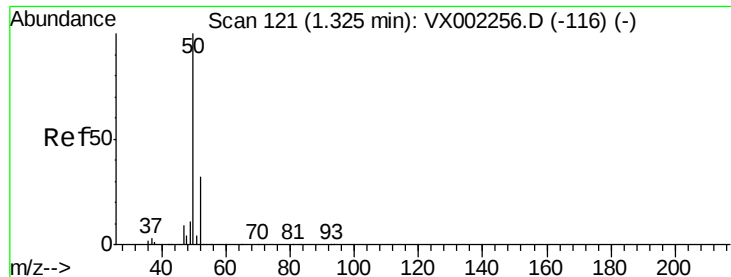
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 54.64 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

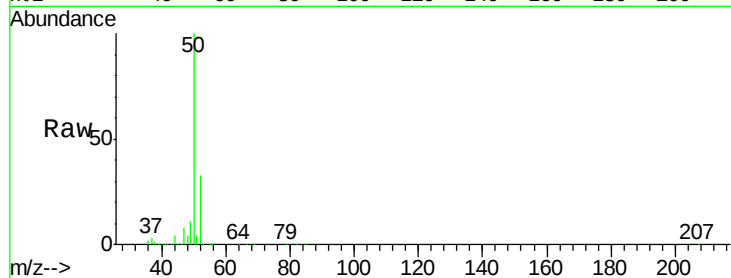
ClientSampleId :

Tot Ion: 50 Resp: 164107

Ion Ratio Lower Upper

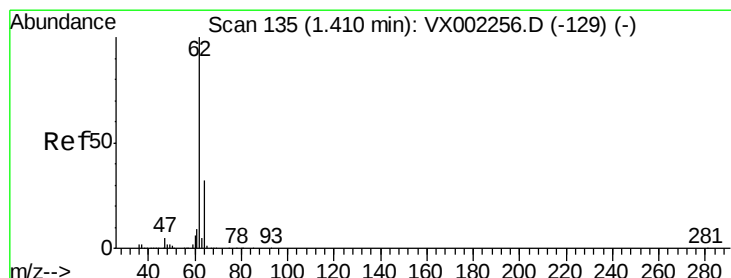
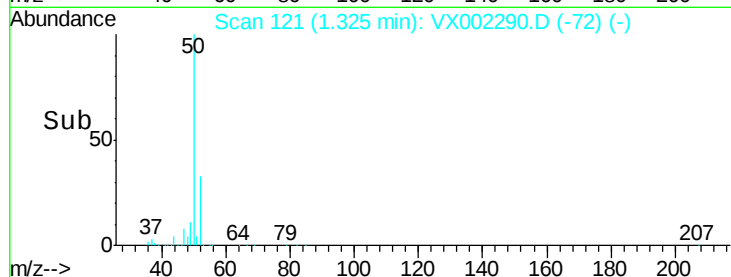
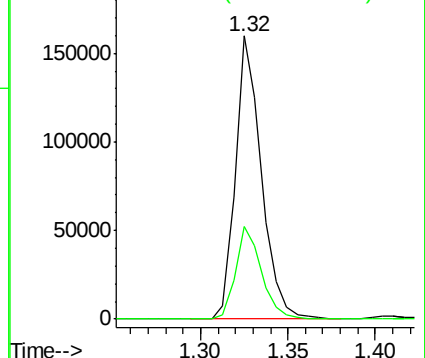
50 100

52 33.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 78.32 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002290.D

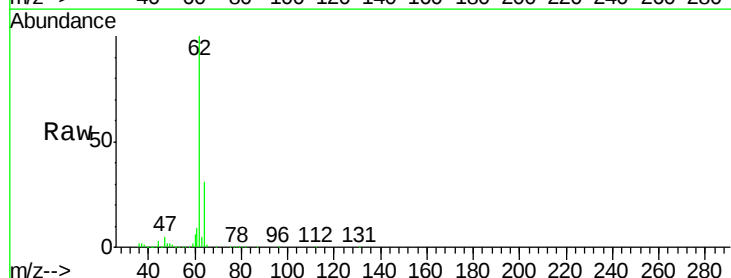
Acq: 05 Jun 2018 05:25

Tgt Ion: 62 Resp: 260025

Ion Ratio Lower Upper

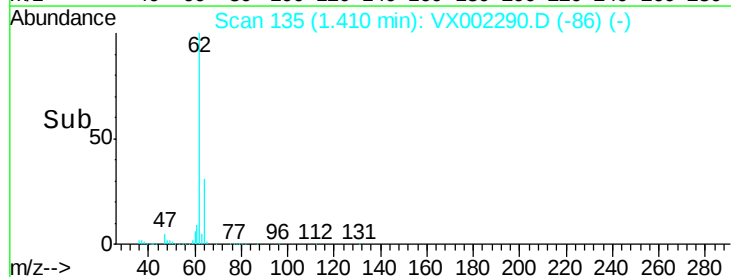
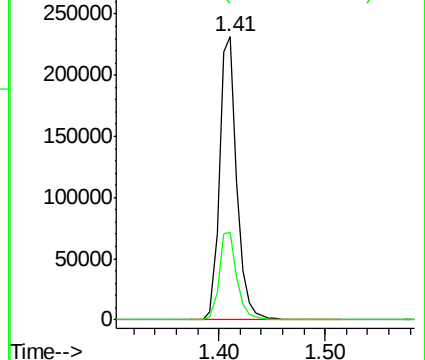
62 100

64 30.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.33 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

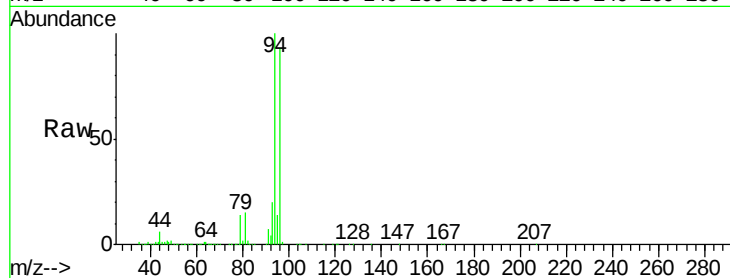
ClientSampled :

Tot Ion: 94 Resp: 99780

Ion Ratio Lower Upper

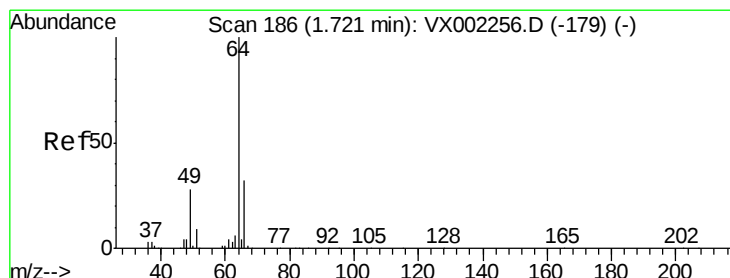
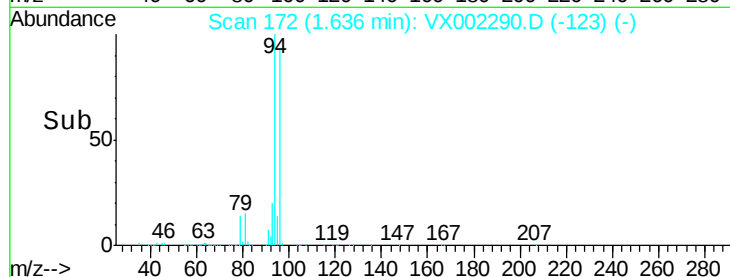
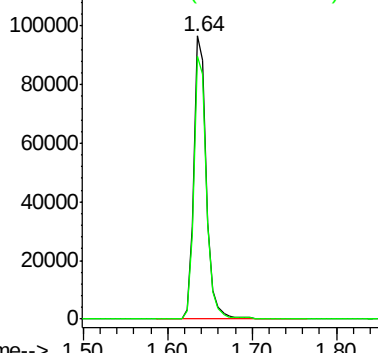
94 100

96 93.2 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: 51.36 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002290.D

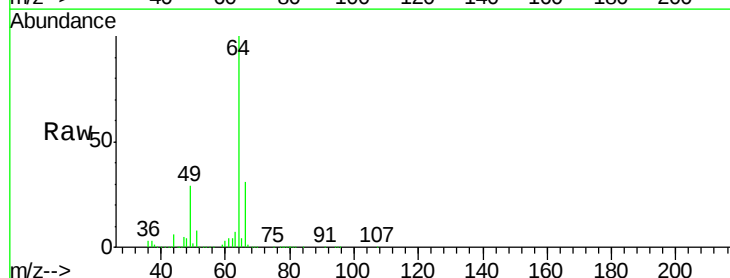
Acq: 05 Jun 2018 05:25

Tgt Ion: 64 Resp: 110293

Ion Ratio Lower Upper

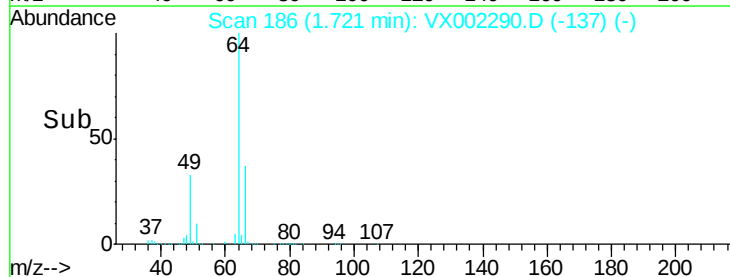
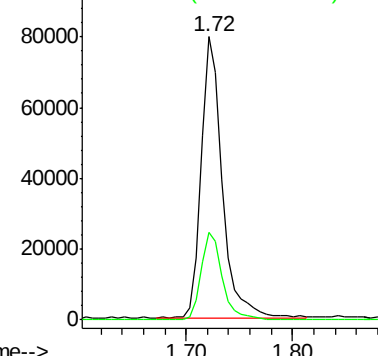
64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



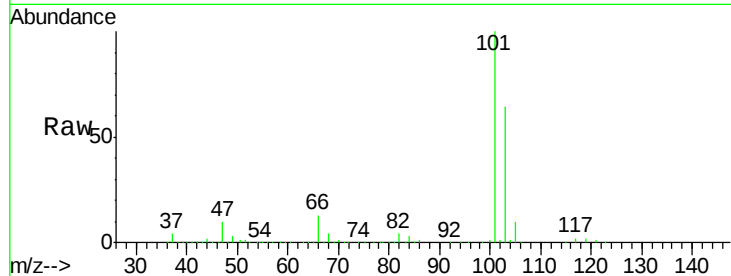


#7

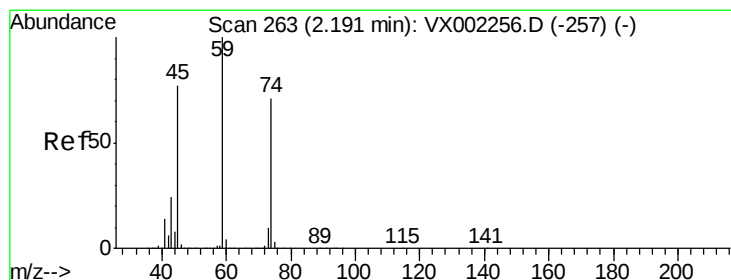
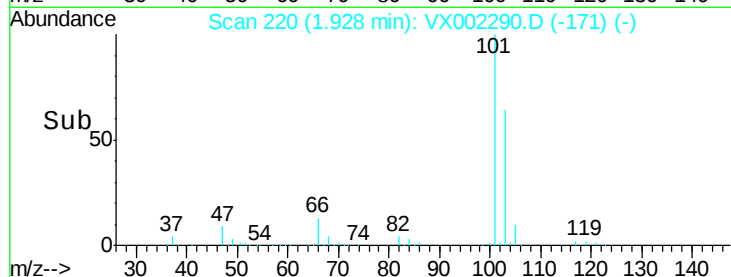
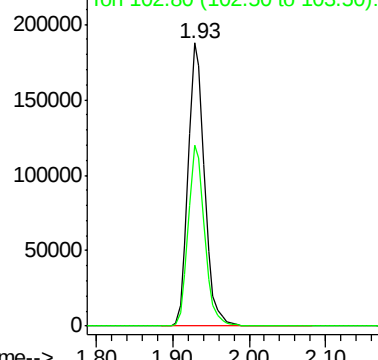
Trichlorofluoromethane
 Concen: 55.07 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 278545
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.8 79.2



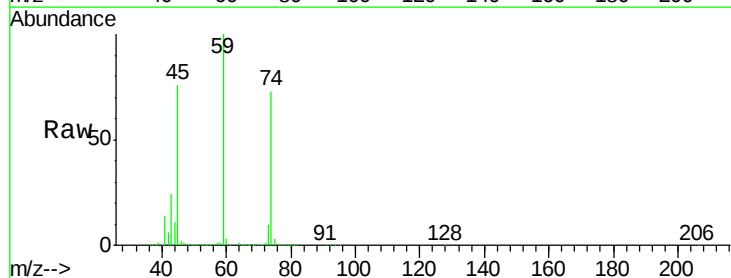
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



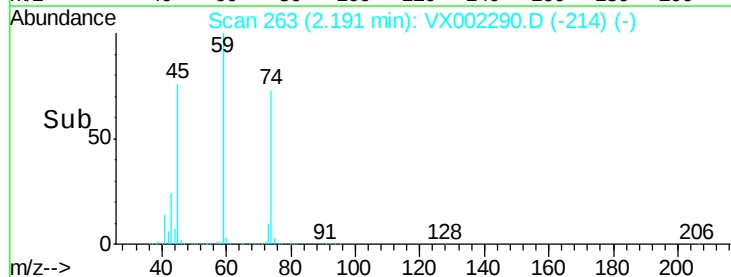
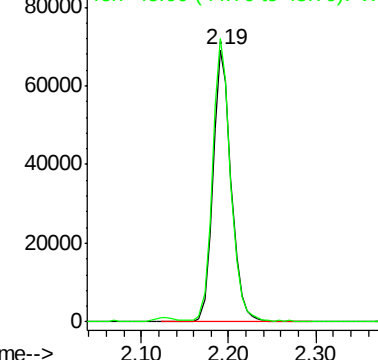
#8

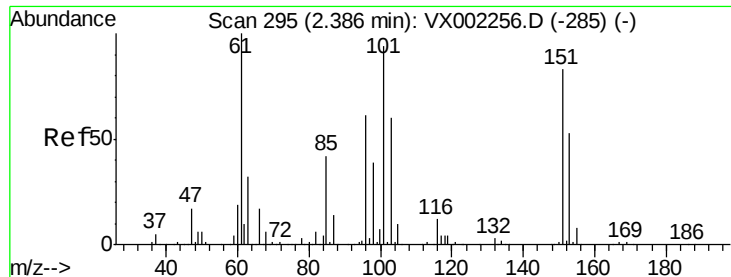
Diethyl Ether
 Concen: 56.15 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 74 Resp: 100398
 Ion Ratio Lower Upper
 74 100
 45 103.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.04 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

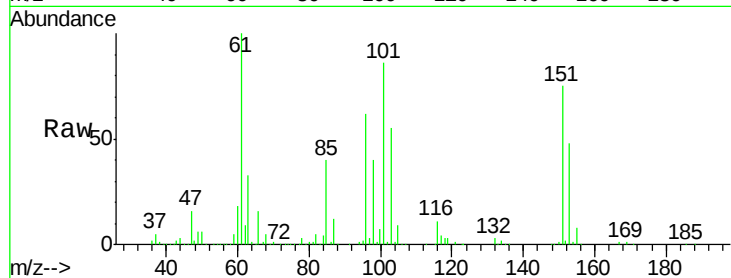
Tot Ion:101 Resp: 150251

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

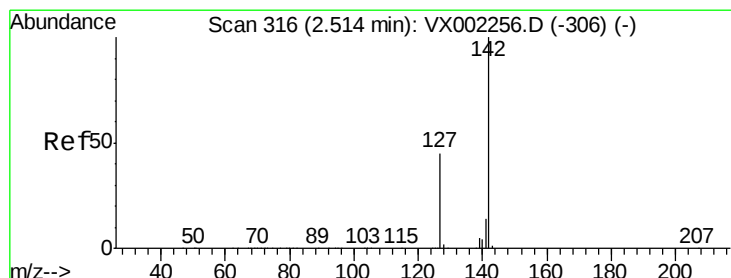
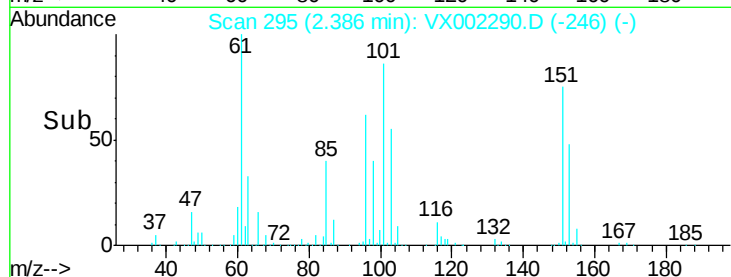
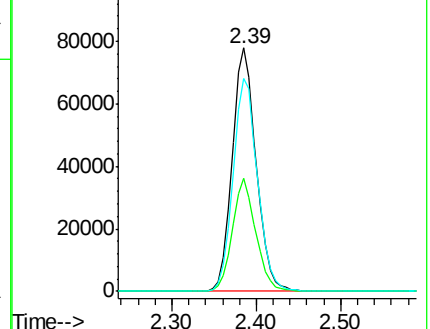
151 88.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.89 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

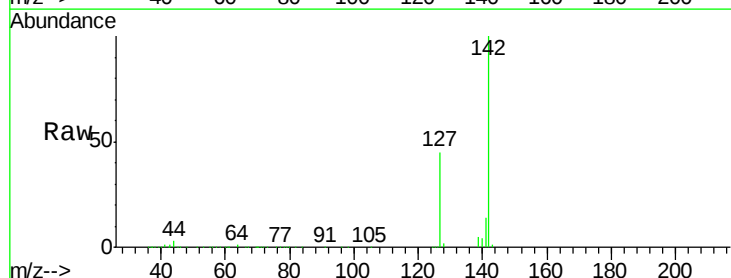
Tgt Ion:142 Resp: 195385

Ion Ratio Lower Upper

142 100

127 46.2 36.6 55.0

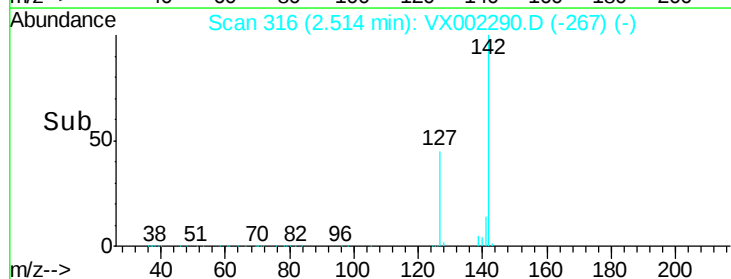
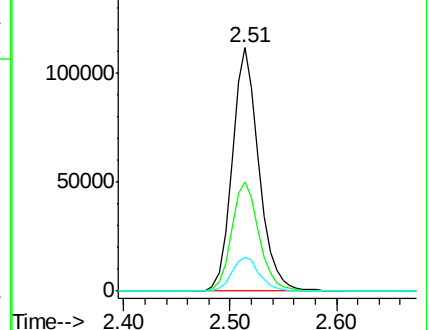
141 14.4 11.3 16.9

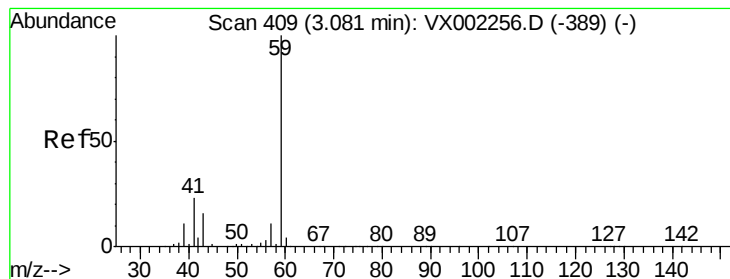


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 229.69 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

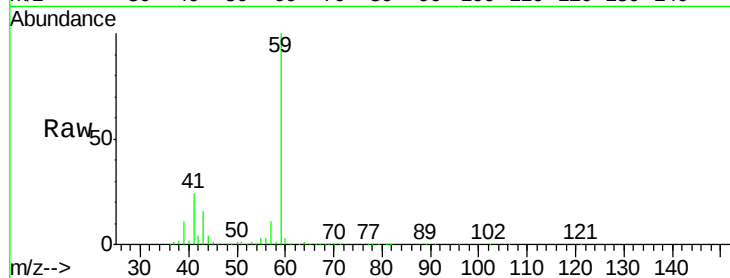
ClientSampleId :

Tot Ion: 59 Resp: 171776

Ion Ratio Lower Upper

59 100

57 11.0 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

80000

60000

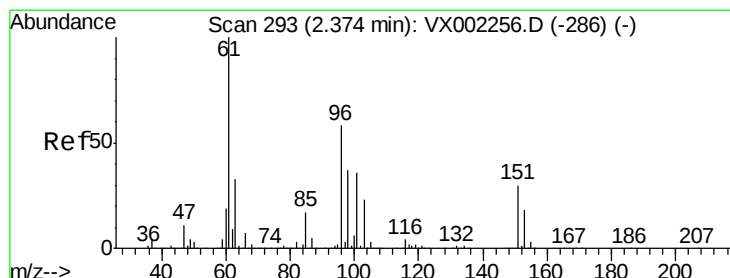
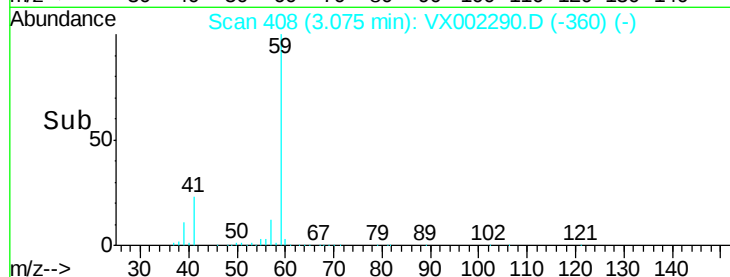
40000

20000

0

Time--> 2.90 3.00 3.10

3.07



#12

1,1-Dichloroethene

Concen: 52.13 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

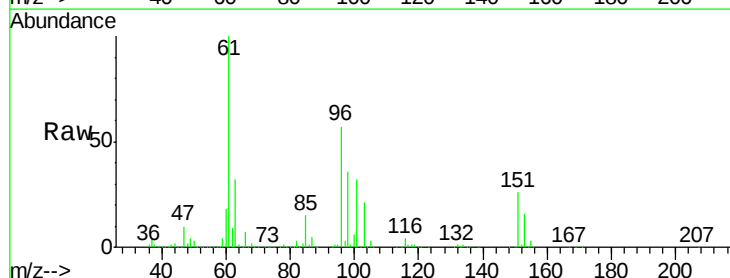
Tgt Ion: 96 Resp: 140637

Ion Ratio Lower Upper

96 100

61 175.4 137.9 206.9

98 62.7 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

200000

150000

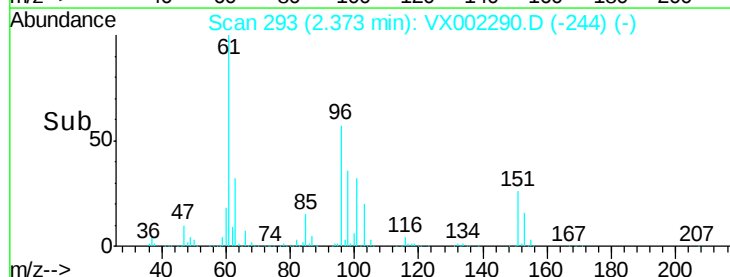
100000

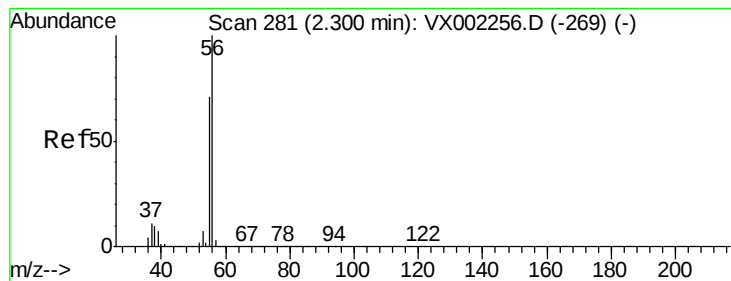
50000

0

Time--> 2.30 2.35 2.40 2.45 2.50

2.37





#13

Acrolein

Concen: 275.92 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

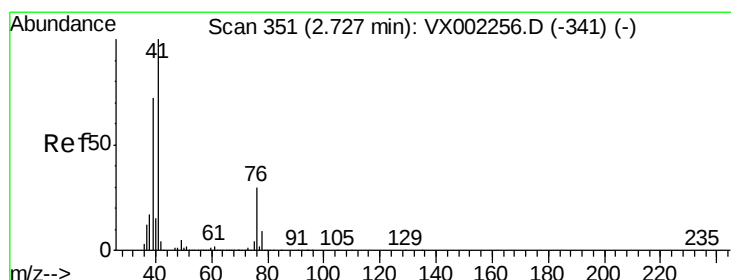
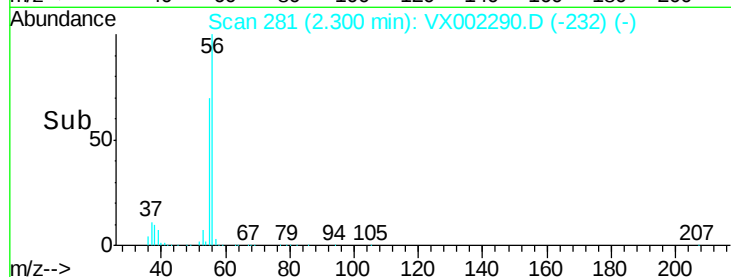
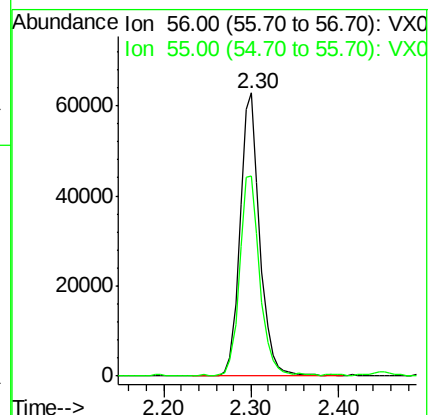
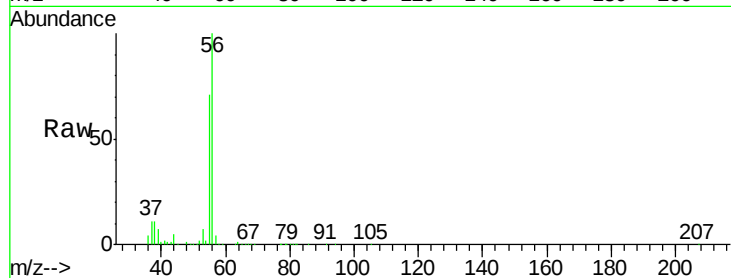
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 98911

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 46.30 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

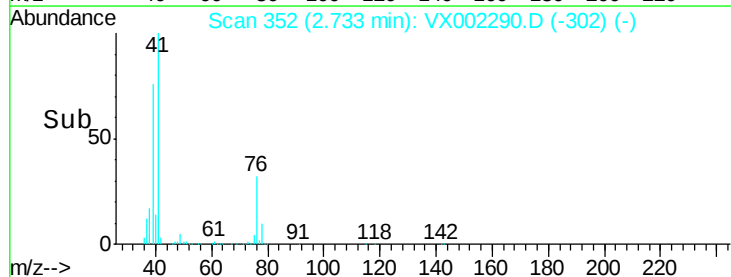
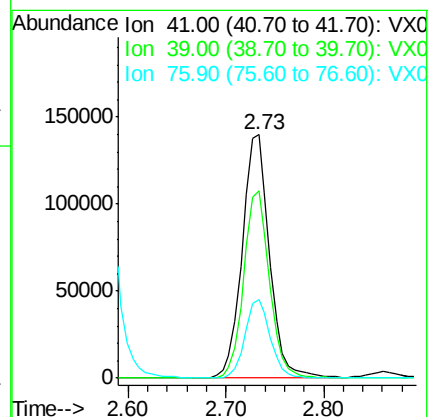
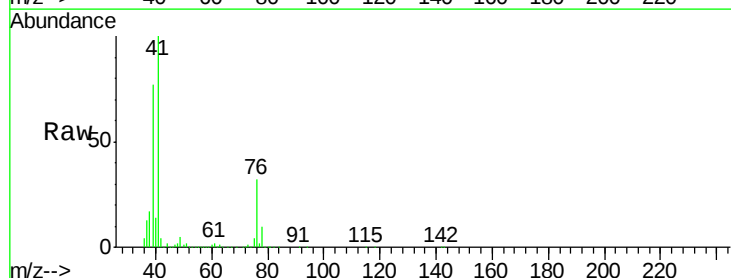
Tgt Ion: 41 Resp: 271024

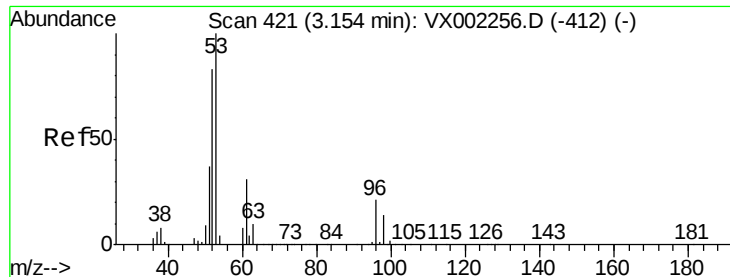
Ion Ratio Lower Upper

41 100

39 72.3 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 271.14 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampled :

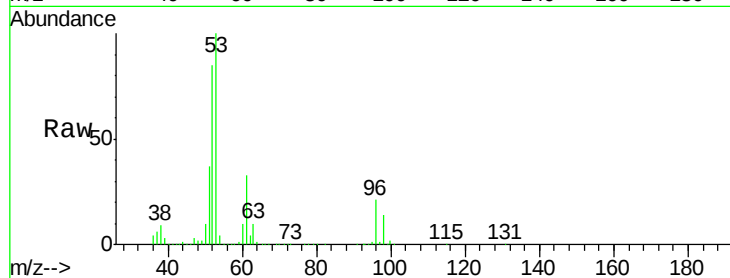
Tot Ion: 53 Resp: 416892

Ion Ratio Lower Upper

53 100

52 83.9 66.7 100.1

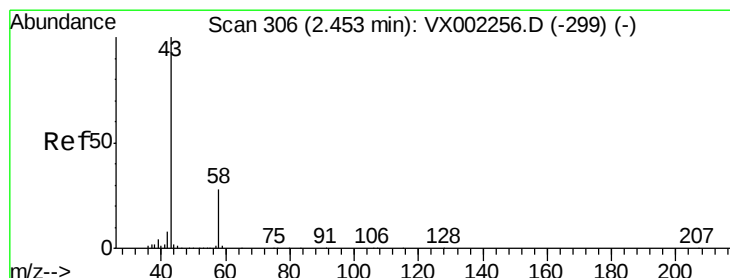
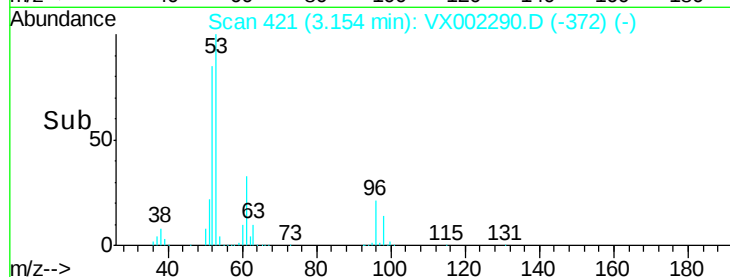
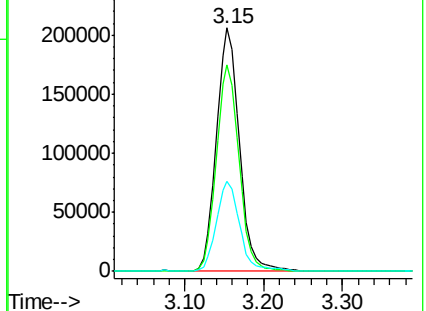
51 37.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 245.03 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002290.D

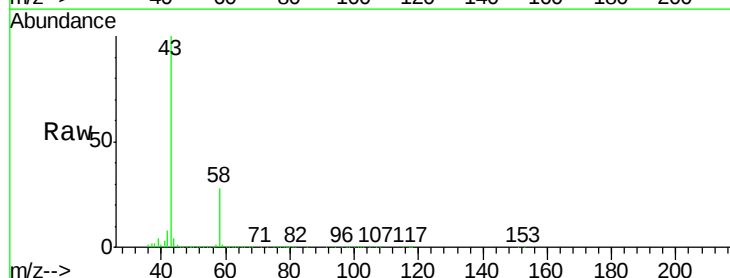
Acq: 05 Jun 2018 05:25

Tgt Ion: 43 Resp: 382451

Ion Ratio Lower Upper

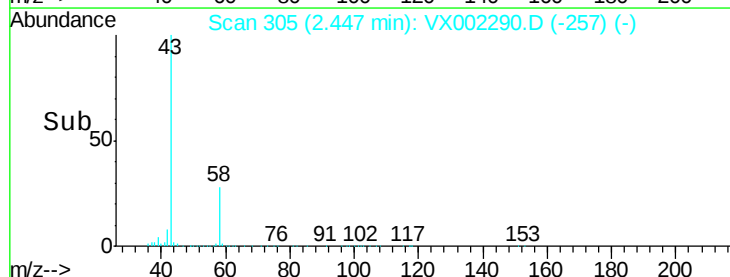
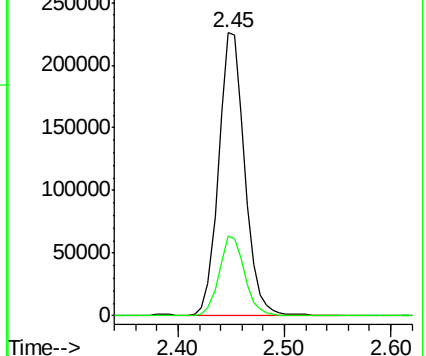
43 100

58 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

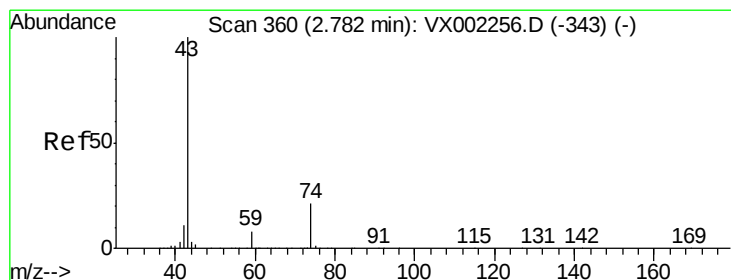
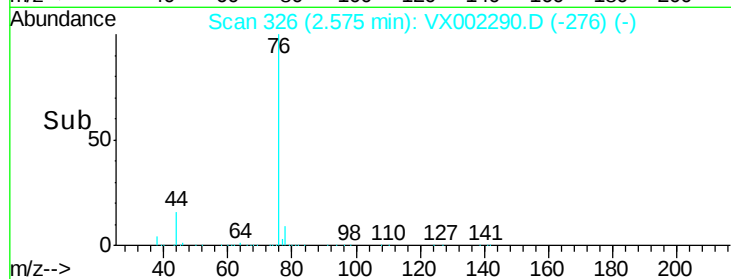
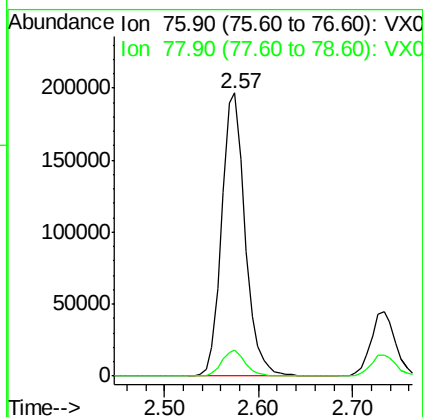
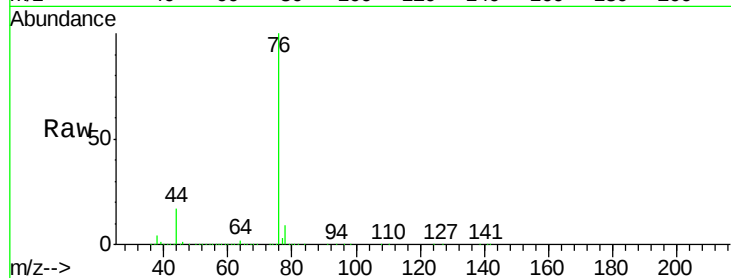




#17
Carbon Disulfide
Concen: 47.77 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

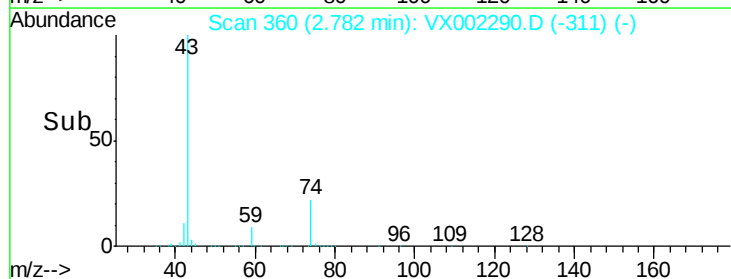
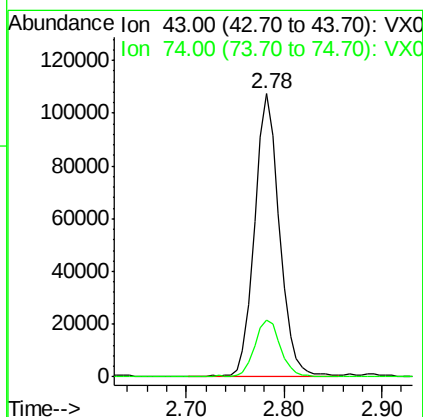
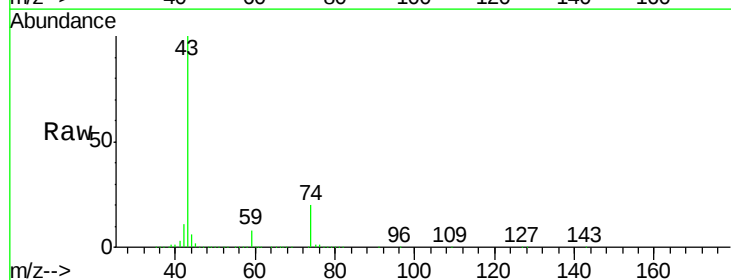
Instrument :
MSVOA_X
ClientSampled :

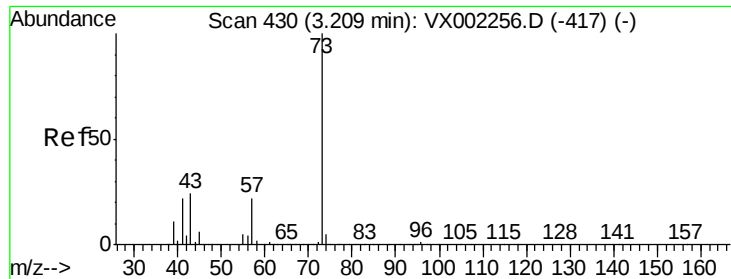
Tot Ion: 76 Resp: 339636
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 51.80 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 43 Resp: 187687
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1



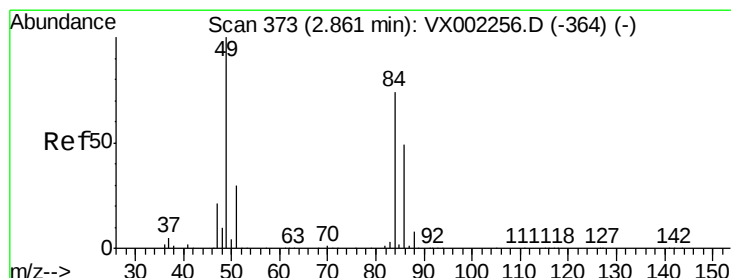
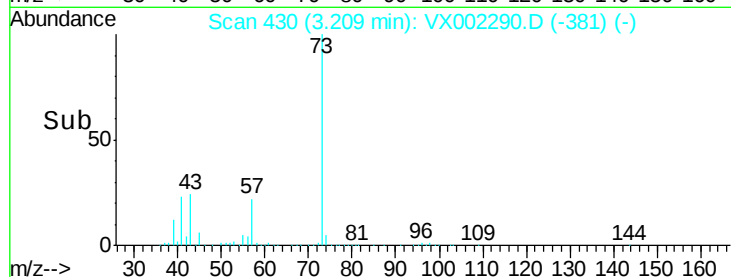
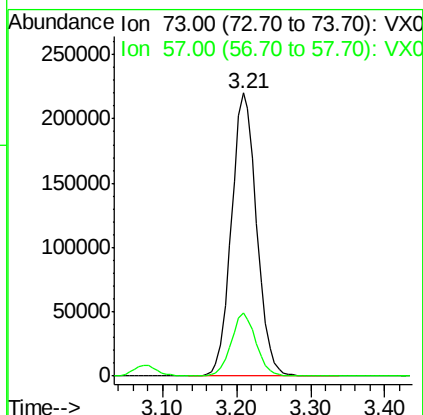
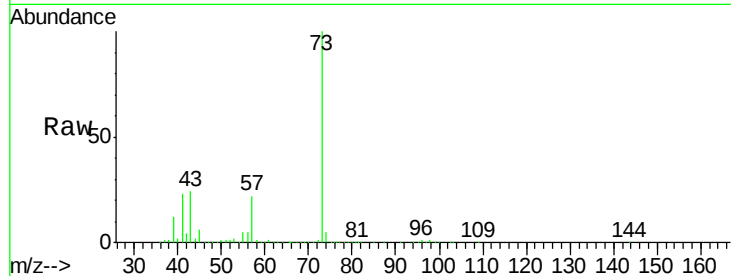


#19

Methyl tert-butyl Ether
 Concen: 55.71 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampled :

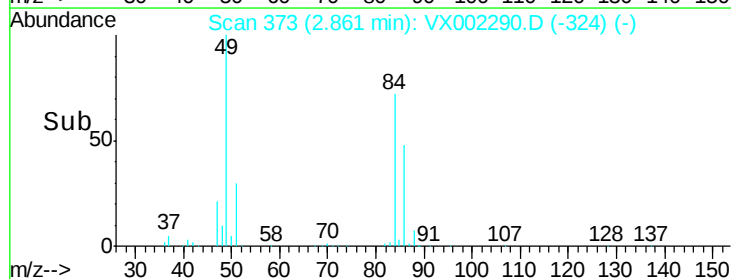
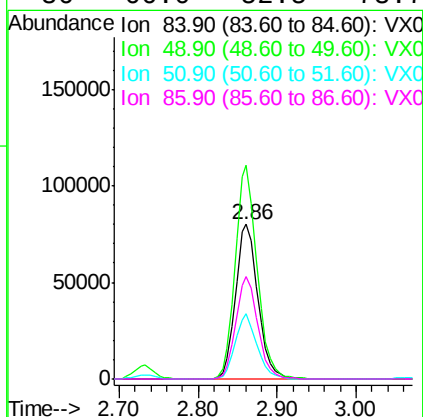
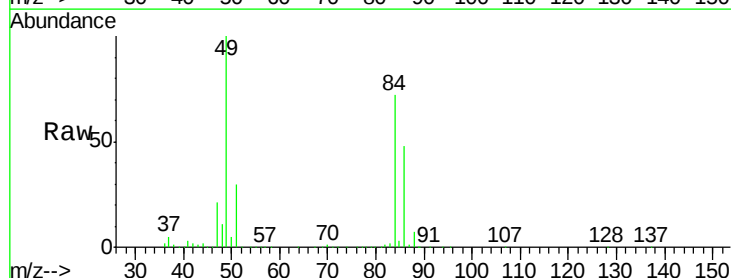
Tot Ion: 73 Resp: 520773
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.7 26.5

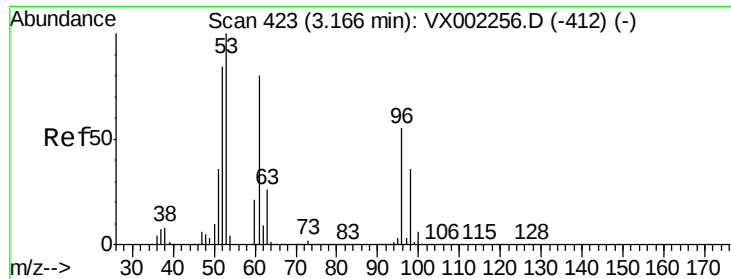


#20

Methylene Chloride
 Concen: 55.44 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 84 Resp: 157991
 Ion Ratio Lower Upper
 84 100
 49 137.9 107.8 161.6
 51 41.9 32.8 49.2
 86 66.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.42 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

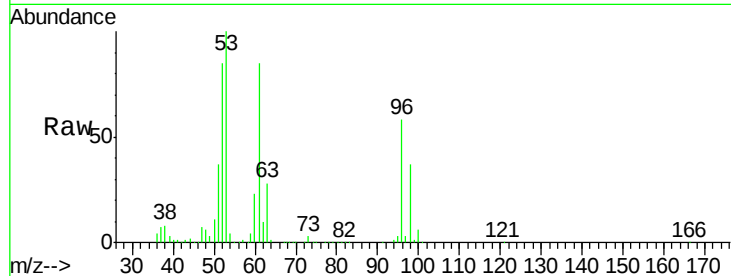
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 96 Resp: 149977

Ion	Ratio	Lower	Upper
96	100		
61	145.6	117.0	175.4
98	64.3	52.4	78.6

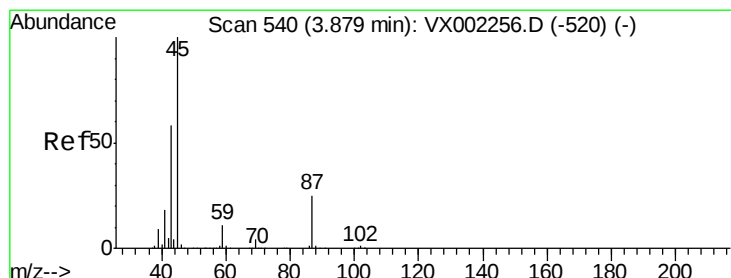
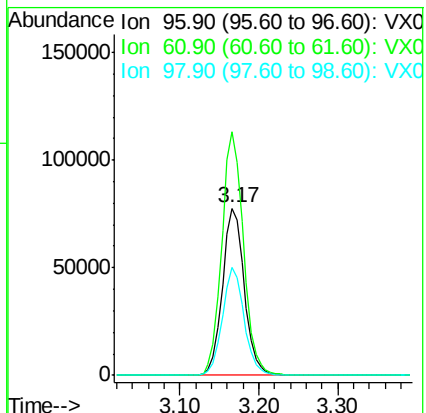
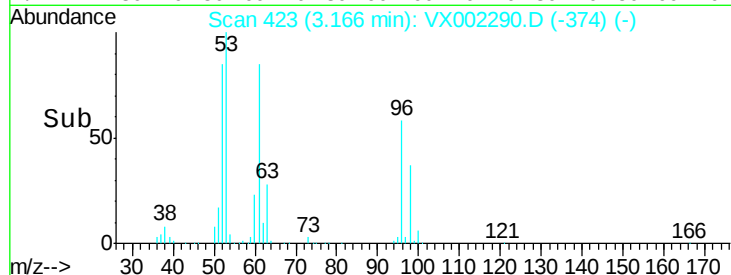


Abundance

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: 51.30 ug/l

RT: 3.88 min Scan# 540

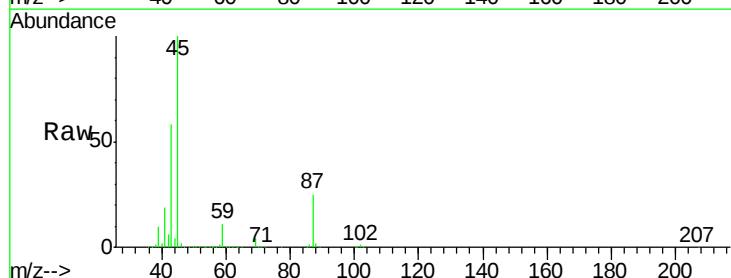
Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion: 45 Resp: 501324

Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.8	70.2
87	24.6	20.2	30.4
59	10.8	8.7	13.1



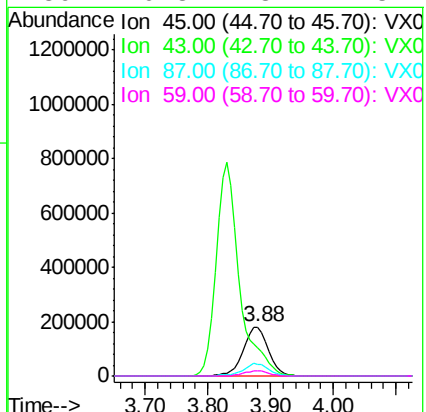
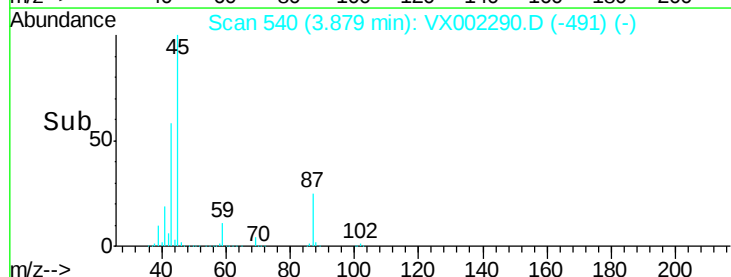
Abundance

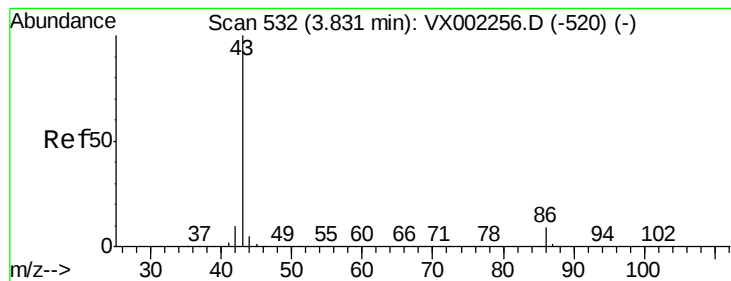
Ion 45.00 (44.70 to 45.70): VX0

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: 212.81 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

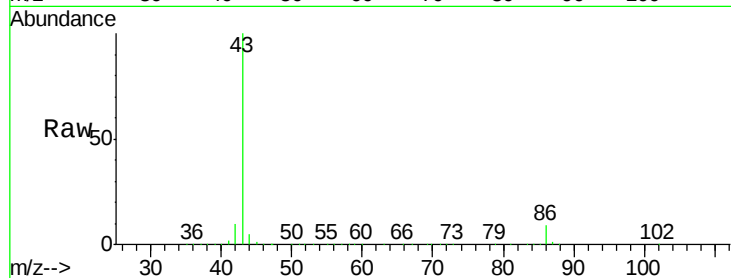
ClientSampleId :

Tot Ion: 43 Resp: 2019596

Ion Ratio Lower Upper

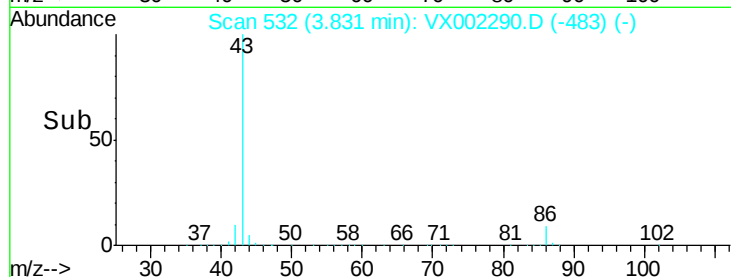
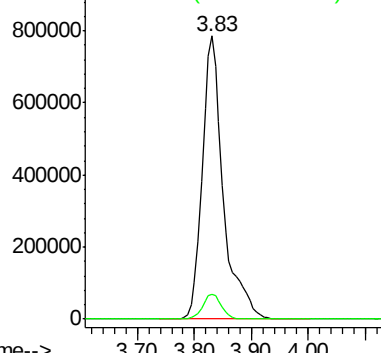
43 100

86 8.8 7.4 11.0

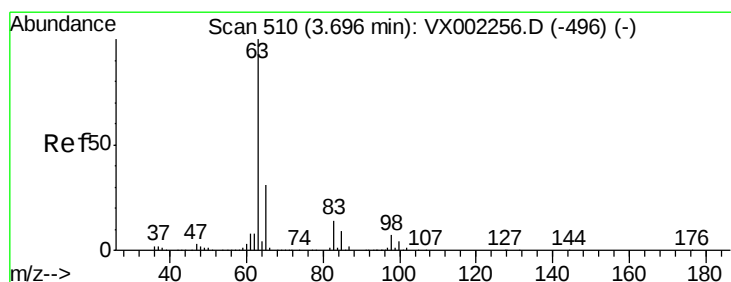


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 48.64 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

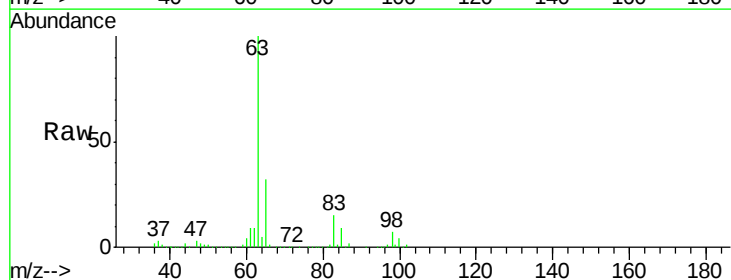
Tgt Ion: 63 Resp: 281450

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

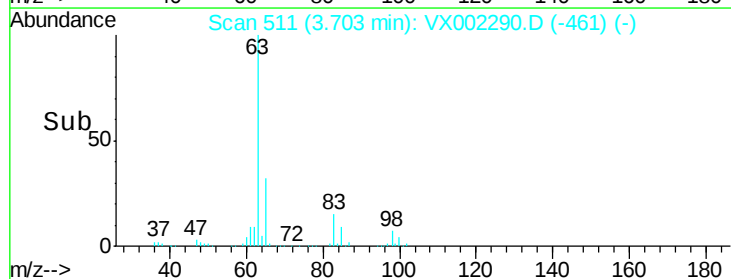
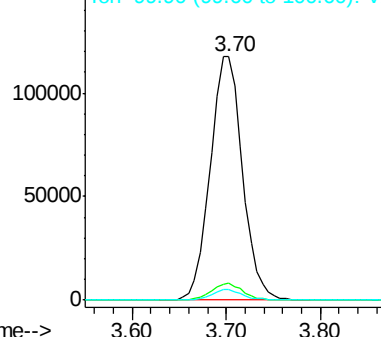
100 4.4 2.0 6.0



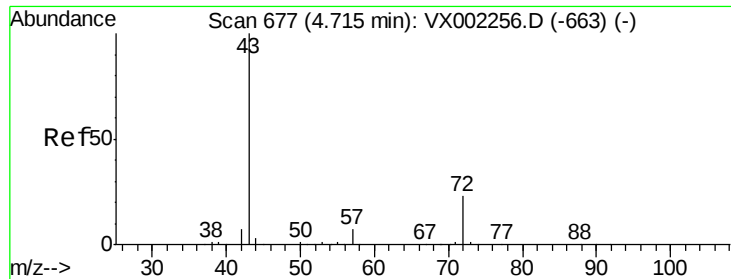
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 218.14 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

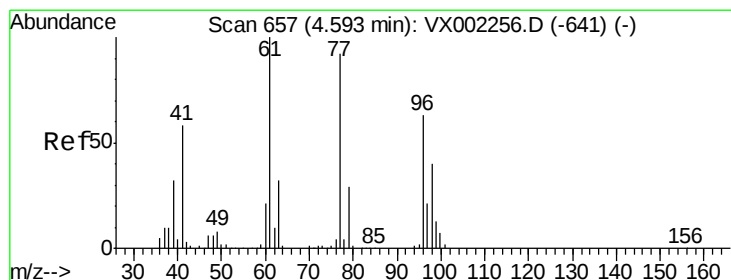
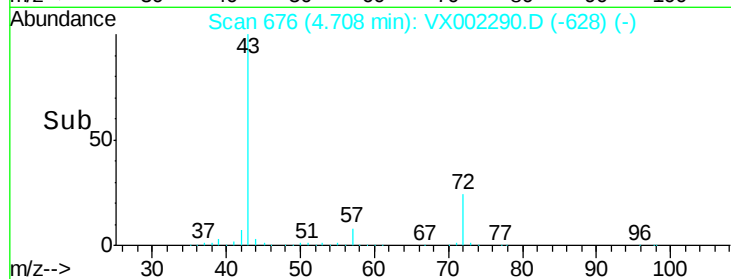
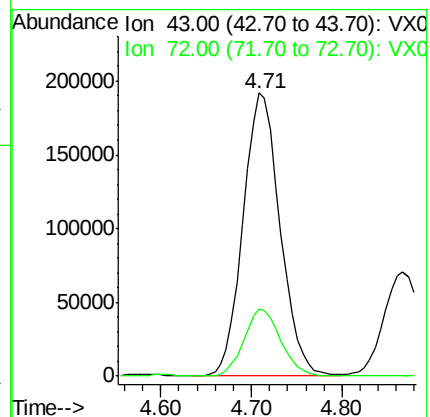
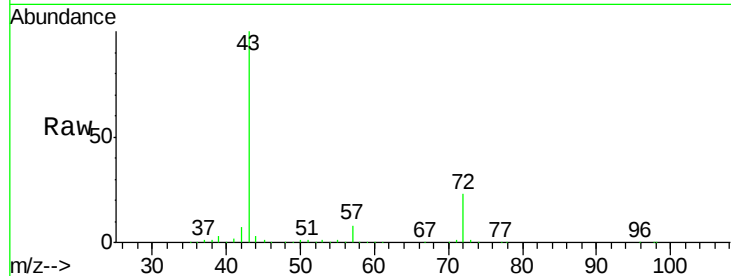
ClientSampleId :

Tot Ion: 43 Resp: 541991

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 33.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002290.D

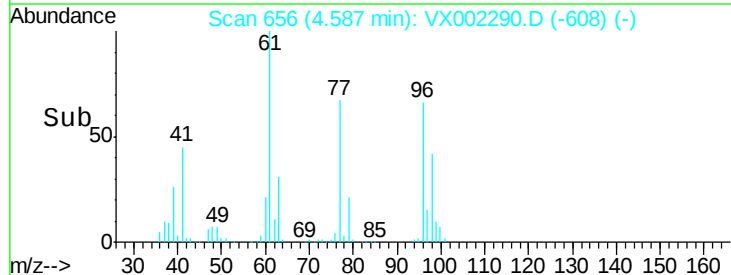
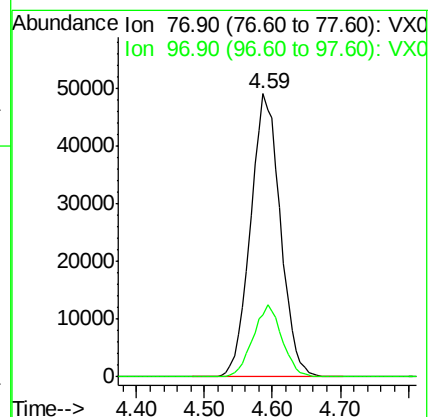
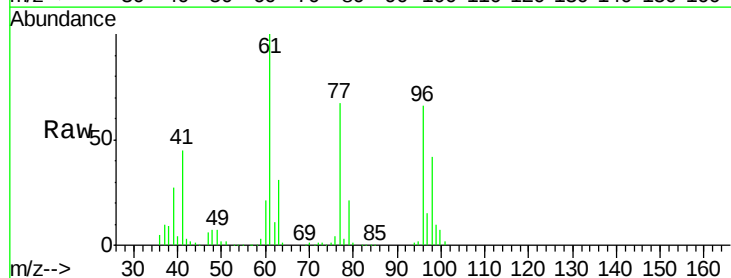
Acq: 05 Jun 2018 05:25

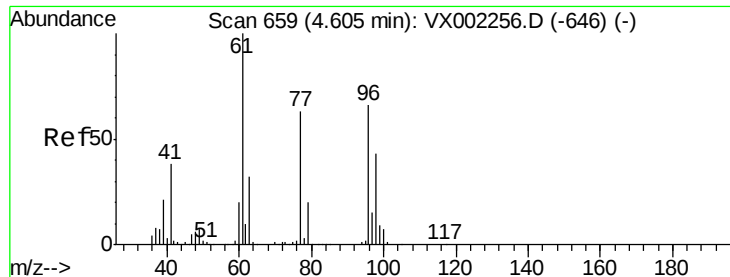
Tgt Ion: 77 Resp: 149911

Ion Ratio Lower Upper

77 100

97 24.9 11.2 33.5



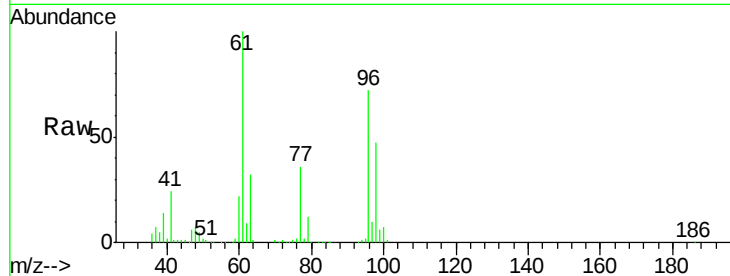


#27

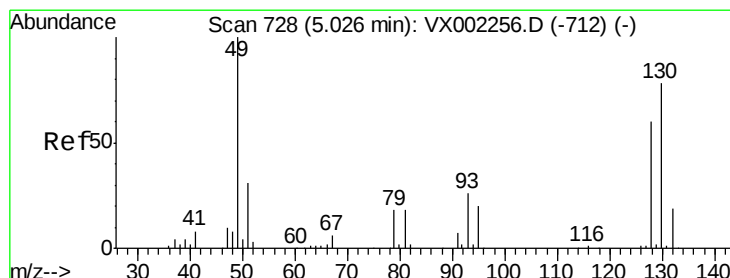
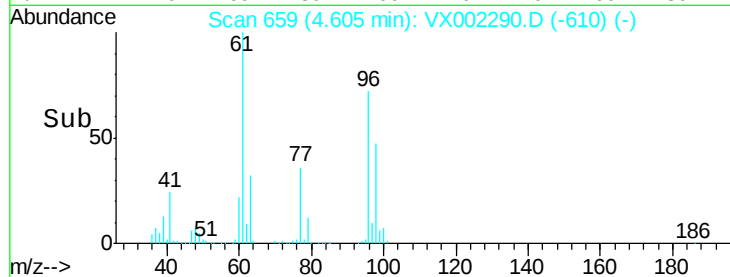
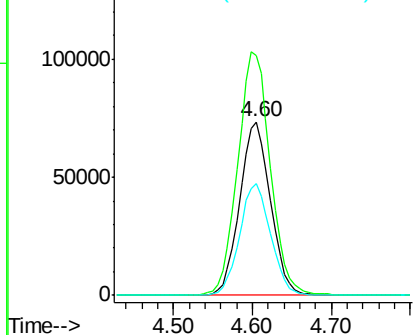
cis-1,2-Dichloroethene
Concen: 61.66 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	330.2
98	64.9	0.0	130.2



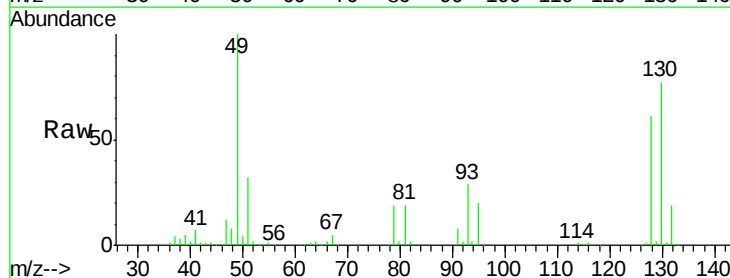
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



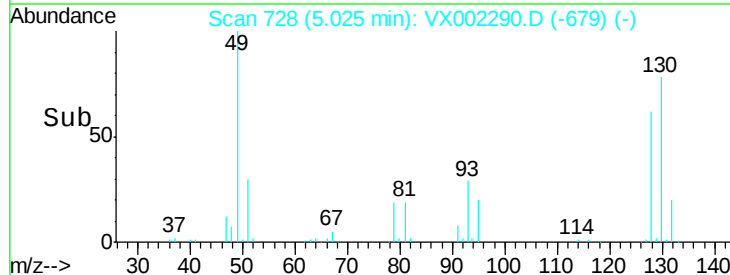
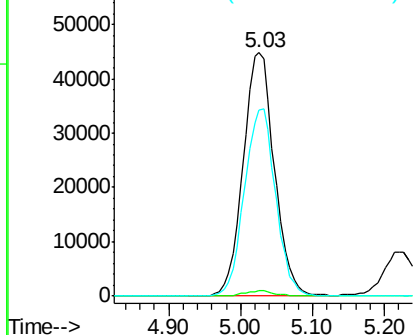
#28

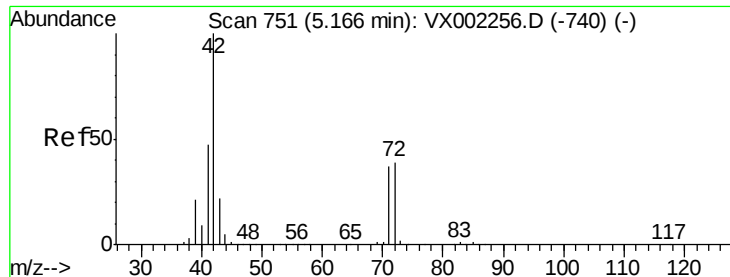
Bromochloromethane
Concen: 55.20 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	76.7	61.2	91.8



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

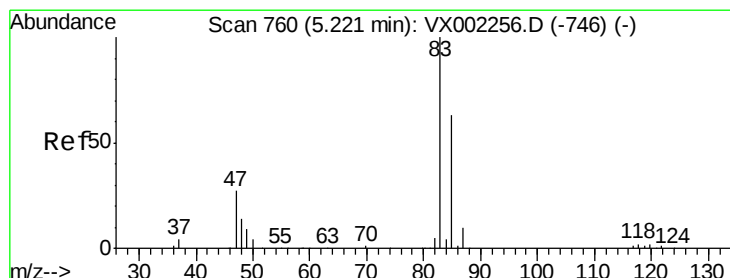
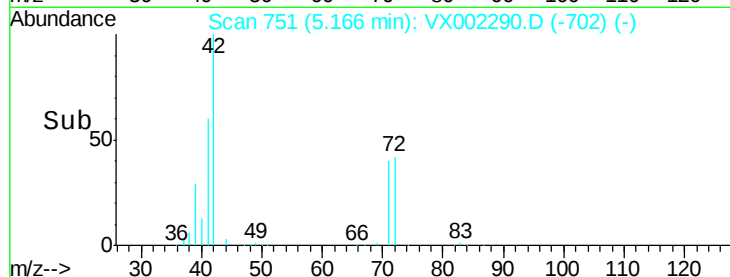
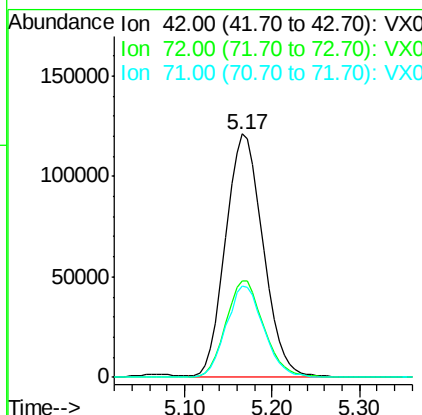
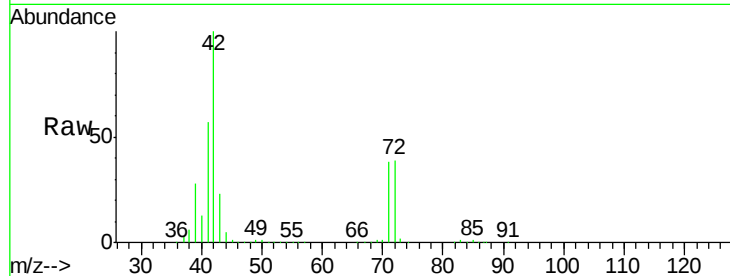




#29
Tetrahydrofuran
Concen: 224.56 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

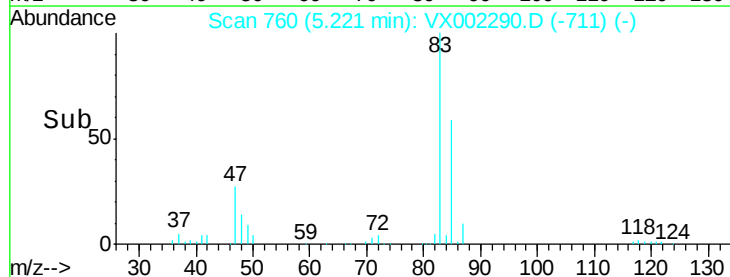
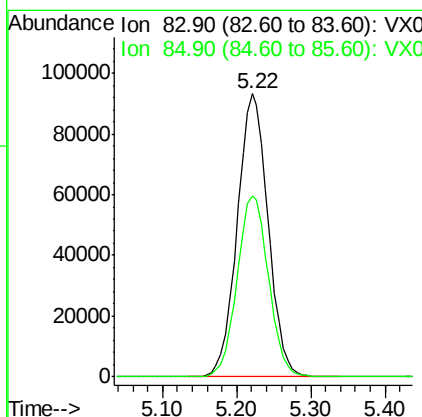
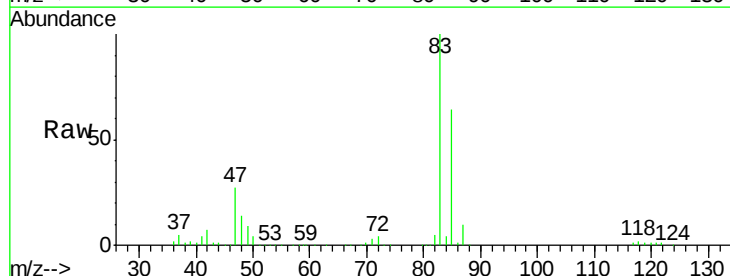
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 42 Resp: 359730
Ion Ratio Lower Upper
42 100
72 40.4 32.0 48.0
71 37.8 30.1 45.1



#30
Chloroform
Concen: 48.50 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 83 Resp: 270786
Ion Ratio Lower Upper
83 100
85 64.1 50.4 75.6





#31

Cyclohexane

Concen: 51.22 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampled :

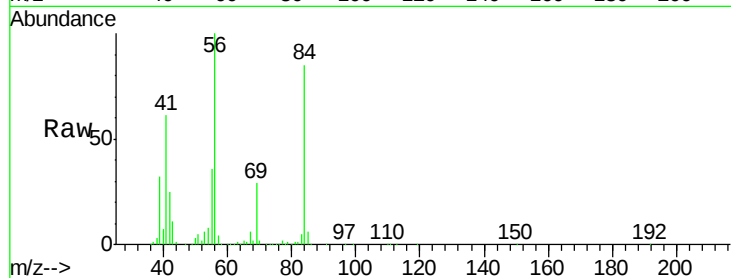
Tot Ion: 56 Resp: 234365

Ion Ratio Lower Upper

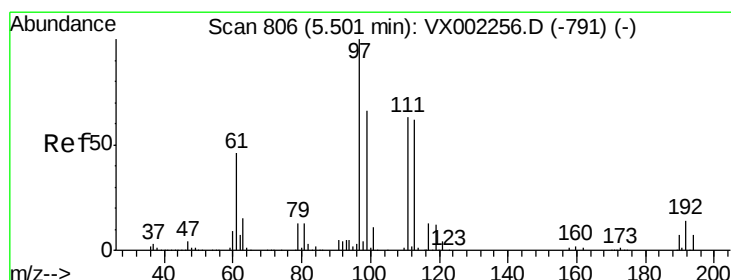
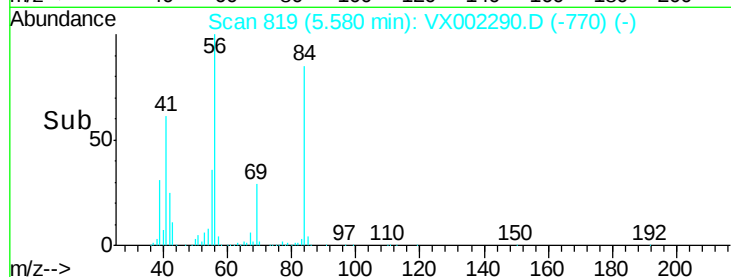
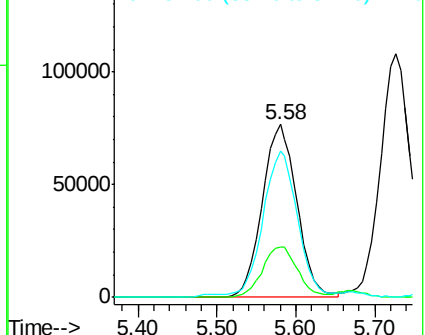
56 100

69 28.9 23.7 35.5

84 84.3 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: 50.06 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

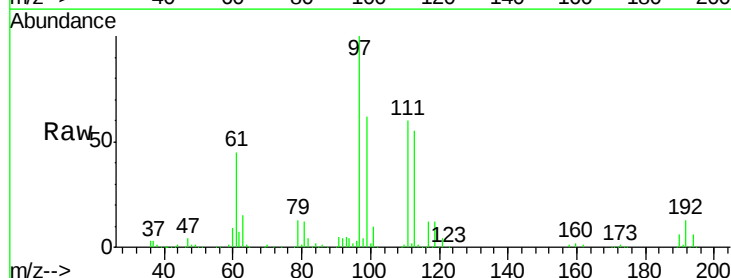
Tgt Ion: 97 Resp: 237055

Ion Ratio Lower Upper

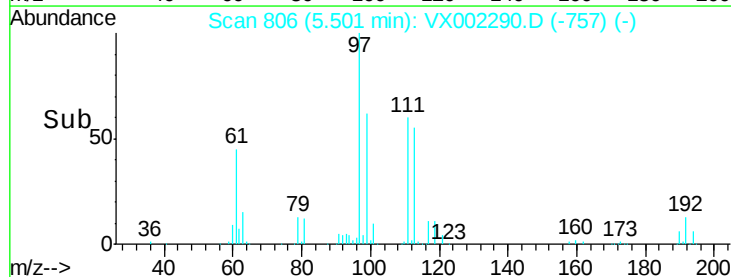
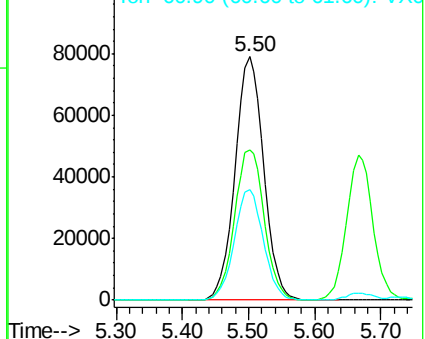
97 100

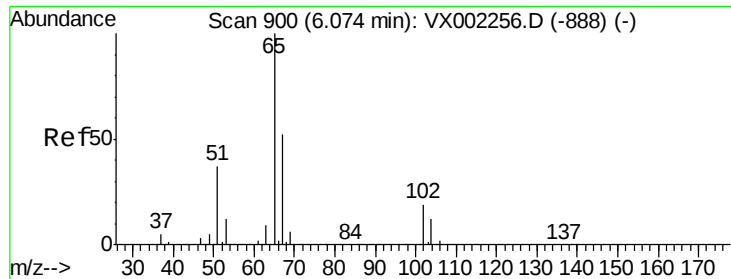
99 63.8 51.6 77.4

61 46.1 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

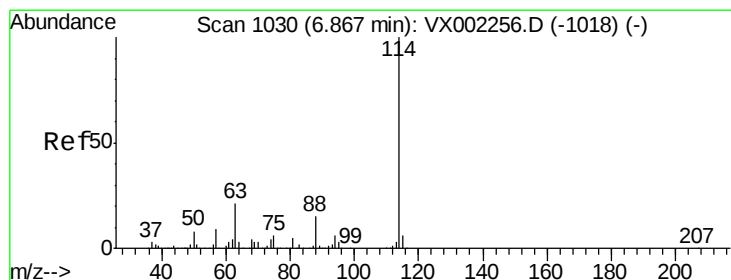
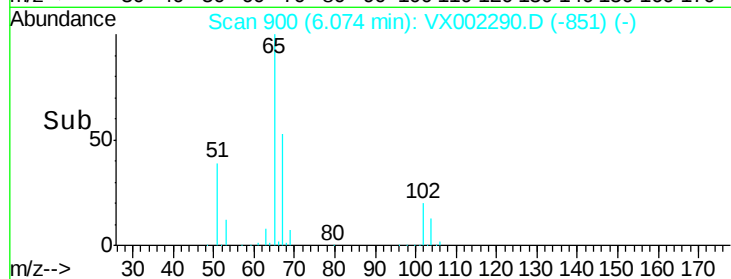
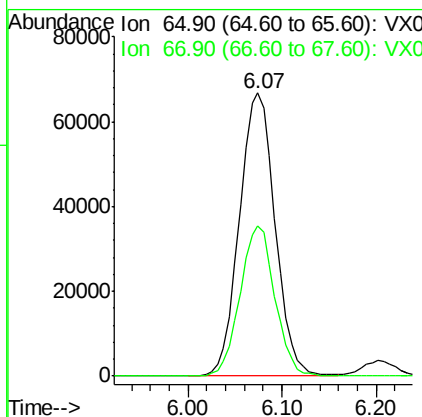
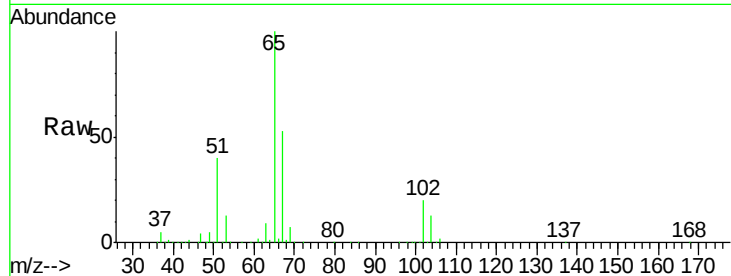




#33
 1,2-Dichloroethane-d4
 Concen: 48.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

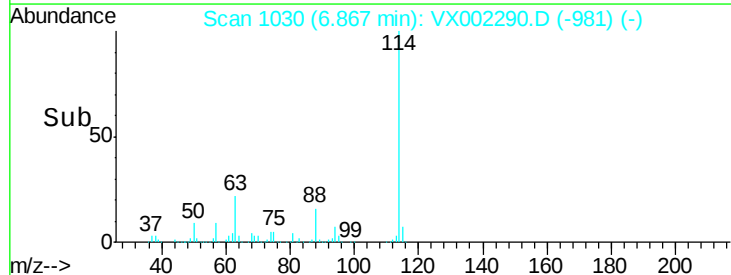
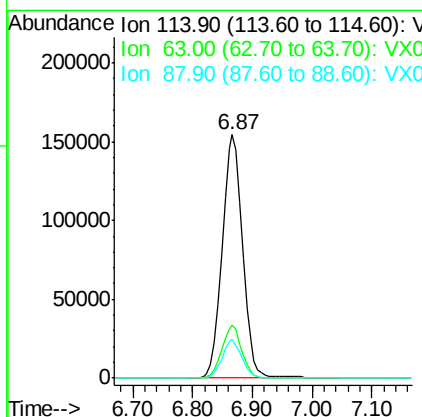
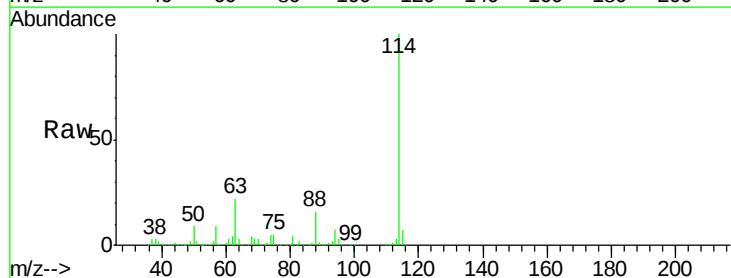
Instrument :
 MSVOA_X
 ClientSampleId :

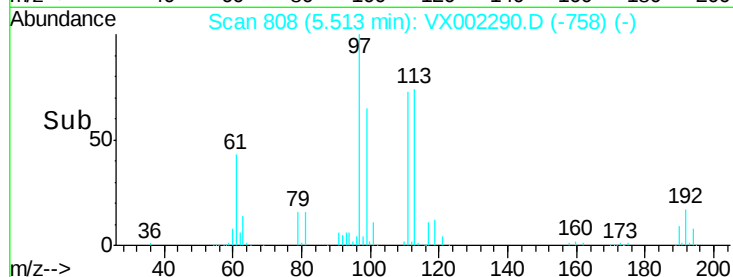
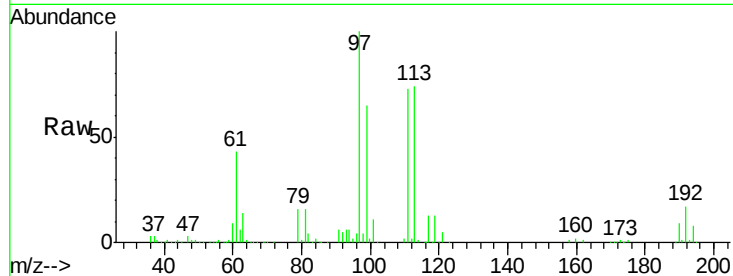
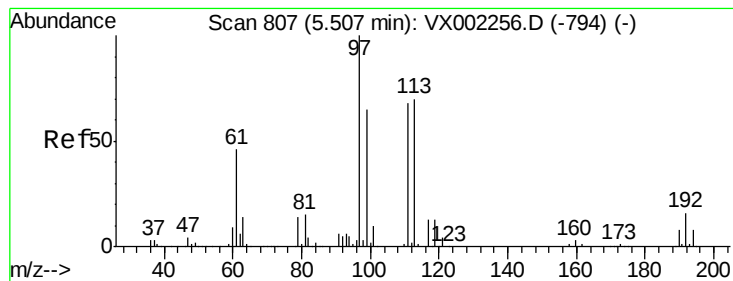
Tot Ion: 65 Resp: 177067
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 114 Resp: 368877
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.4
 88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.95 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

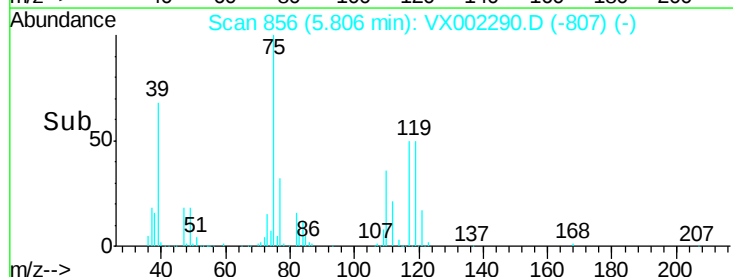
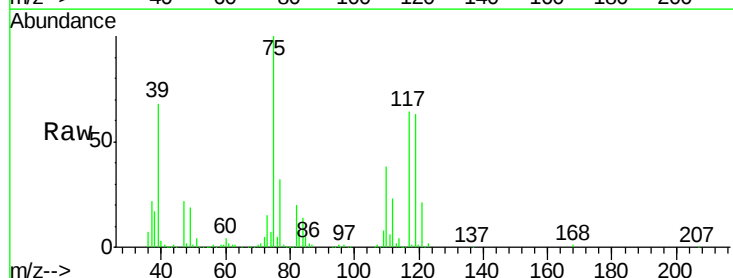
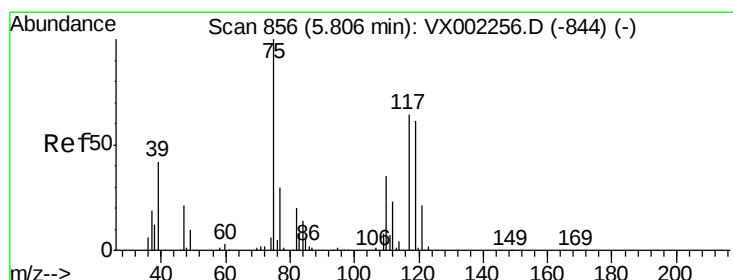
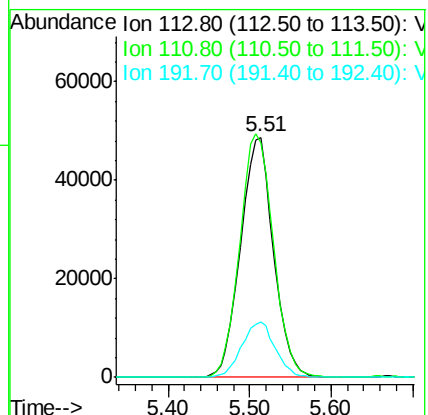
Tot Ion:113 Resp: 136191

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 23.6 19.1 28.7



#36

1,1-Dichloropropene

Concen: 50.74 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

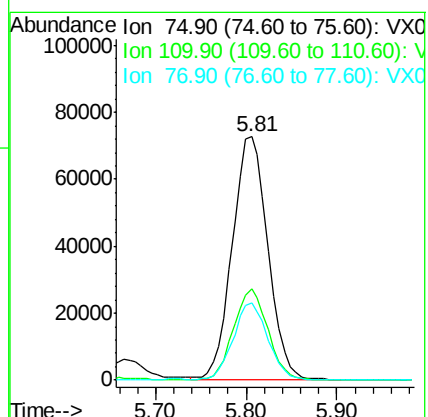
Tgt Ion: 75 Resp: 196773

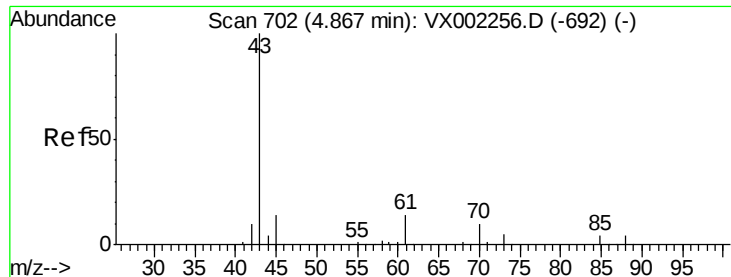
Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.4

77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 45.01 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampled :

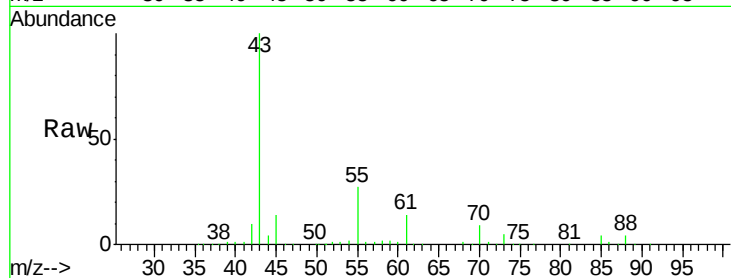
Tot Ion: 43 Resp: 209928

Ion Ratio Lower Upper

43 100

61 12.9 10.4 15.6

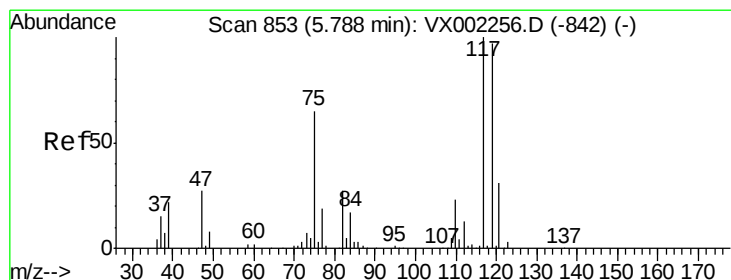
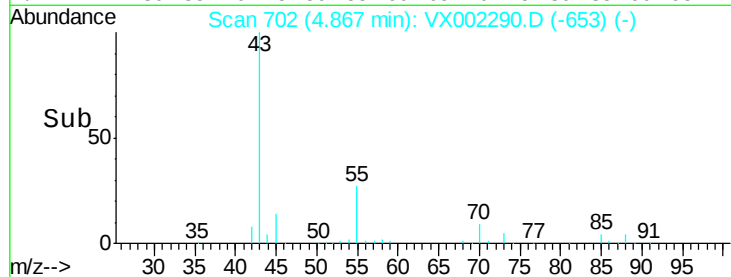
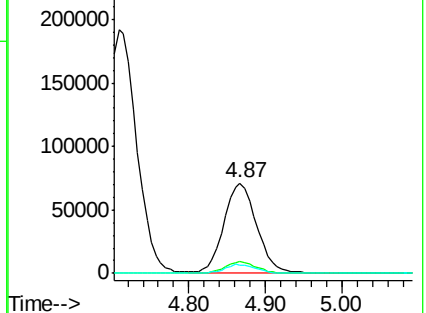
70 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX002256.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX002256.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 51.11 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

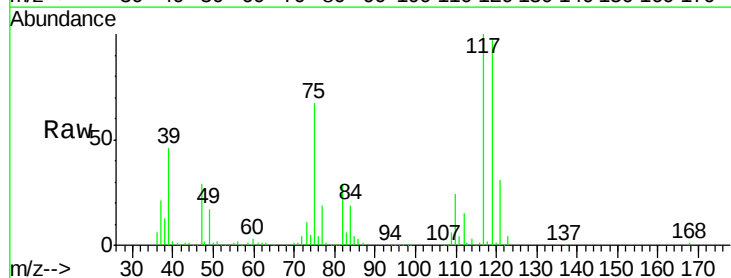
Tgt Ion: 117 Resp: 207336

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

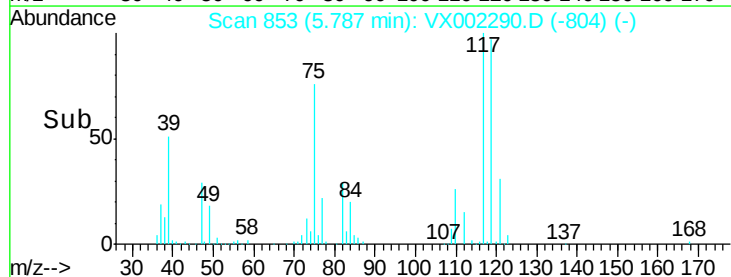
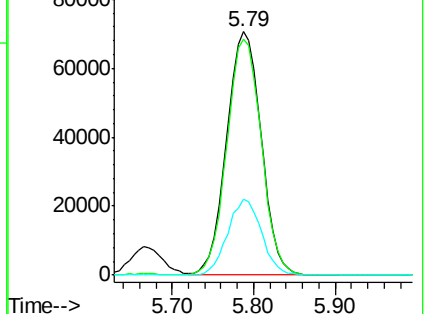
121 31.3 24.4 36.6

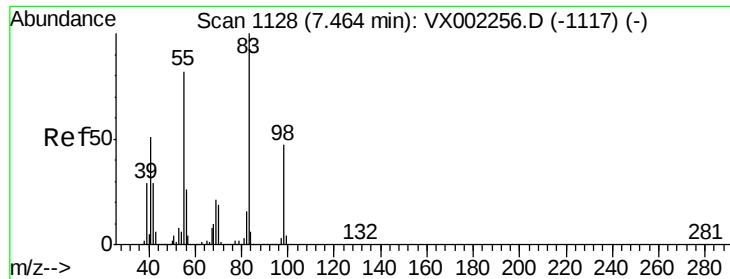


Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX002256.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002256.D (-842) (-)

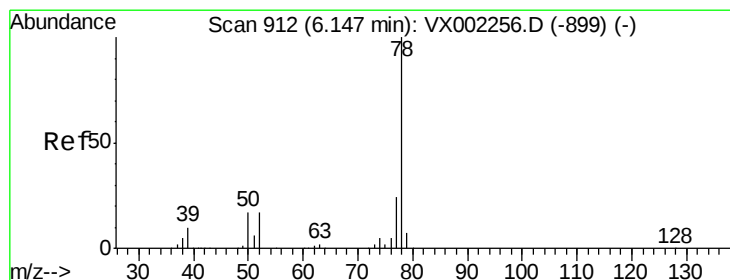
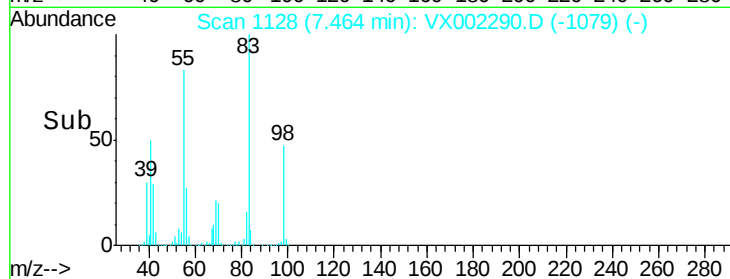
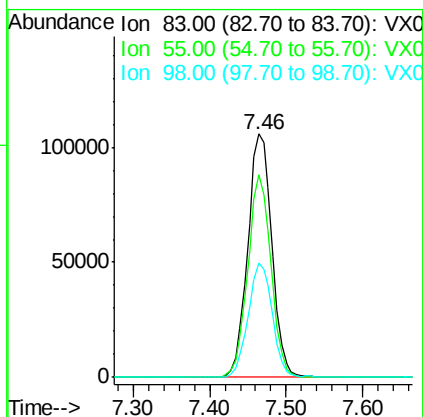
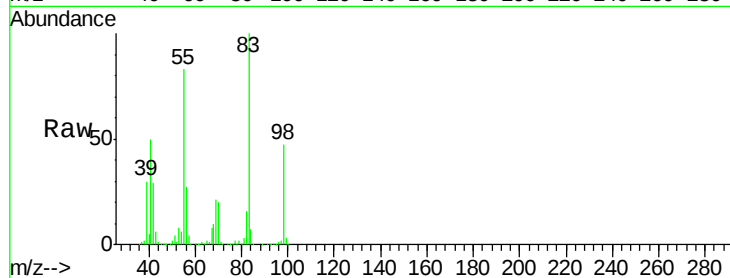




#39
Methvlcvclohexane
Concen: 48.52 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

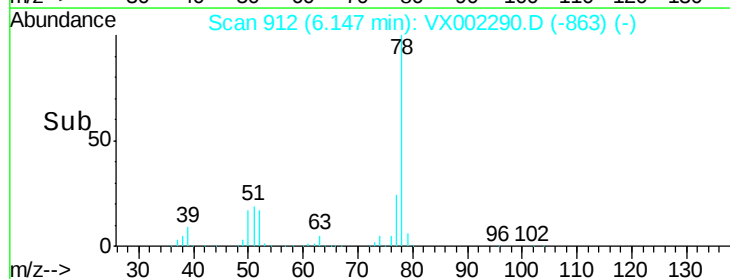
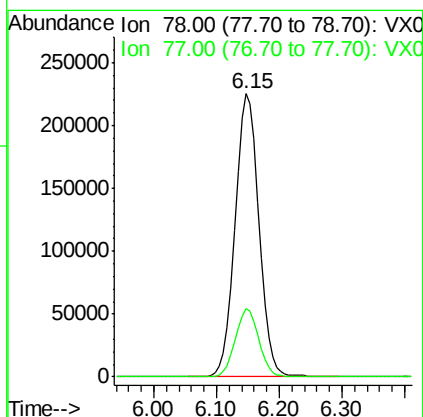
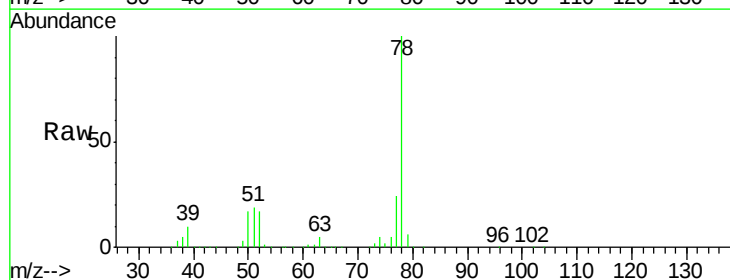
Instrument :
MSVOA_X
ClientSampled :

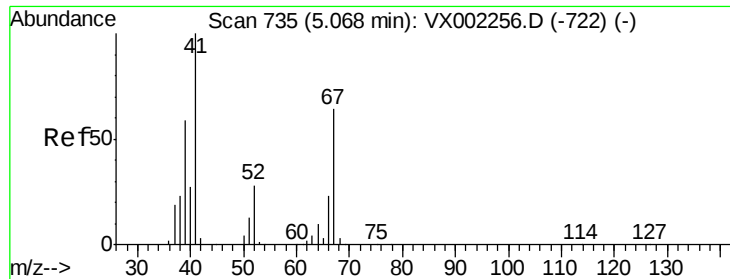
Tot Ion: 83 Resp: 232416
Ion Ratio Lower Upper
83 100
55 83.3 65.4 98.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 49.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 78 Resp: 593199
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7





#41

Methacrylonitrile

Concen: 47.35 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 126419

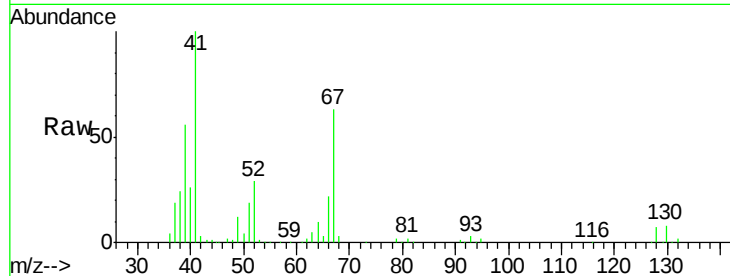
Ion Ratio Lower Upper

41 100

39 56.7 45.8 68.6

67 63.9 51.3 76.9

52 29.1 23.0 34.6

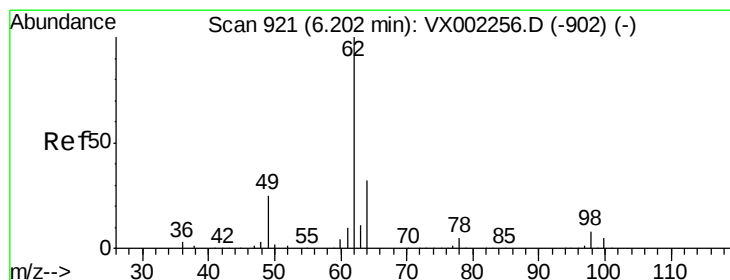
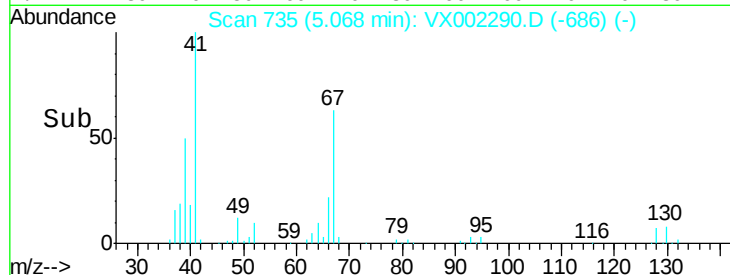
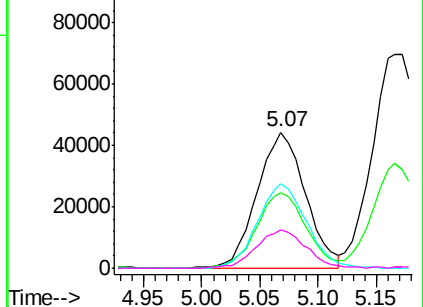


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.22 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002290.D

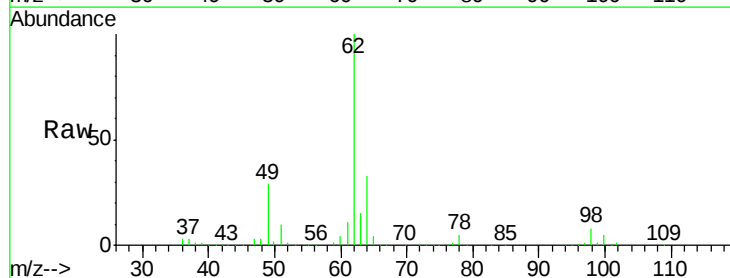
Acq: 05 Jun 2018 05:25

Tgt Ion: 62 Resp: 232537

Ion Ratio Lower Upper

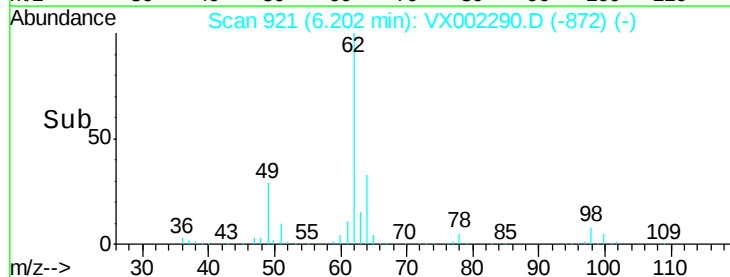
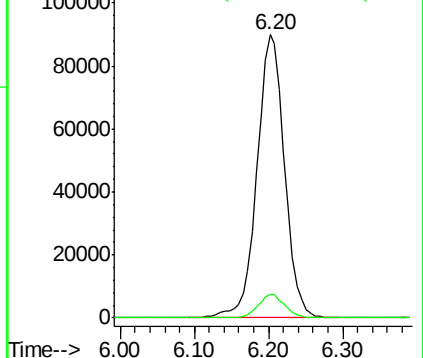
62 100

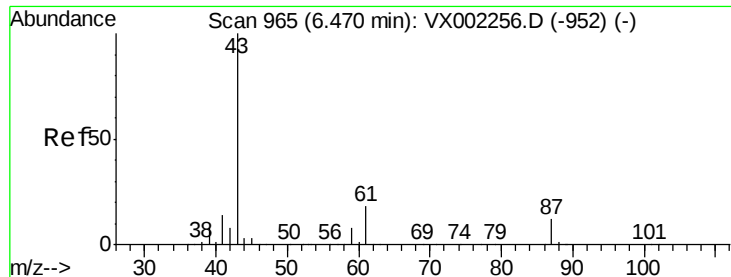
98 8.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



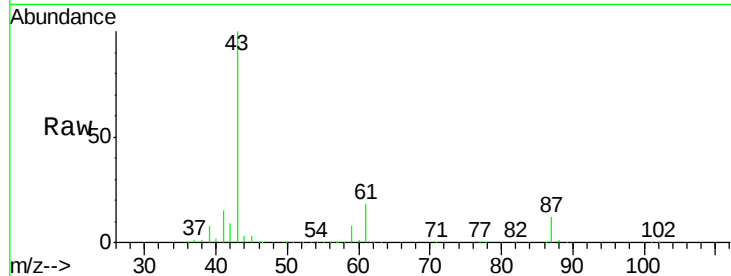


#43

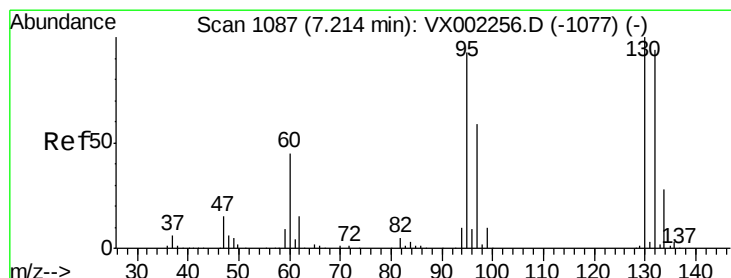
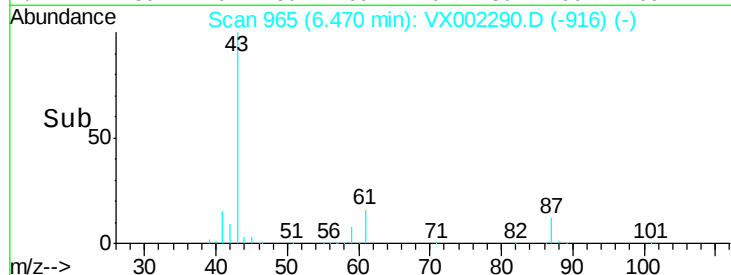
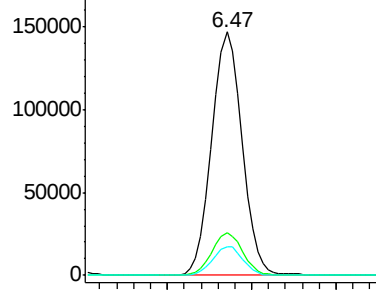
Isopropyl Acetate
 Concen: 45.21 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	358109
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.4	21.6
87	11.9	9.5	14.3



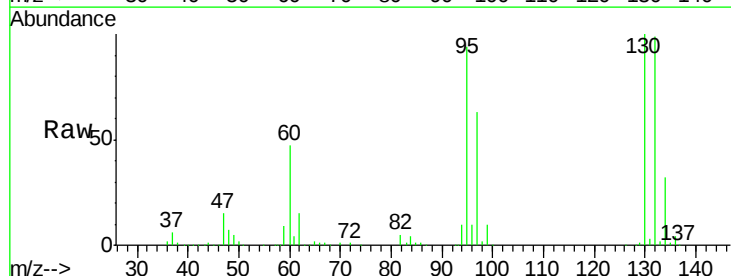
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



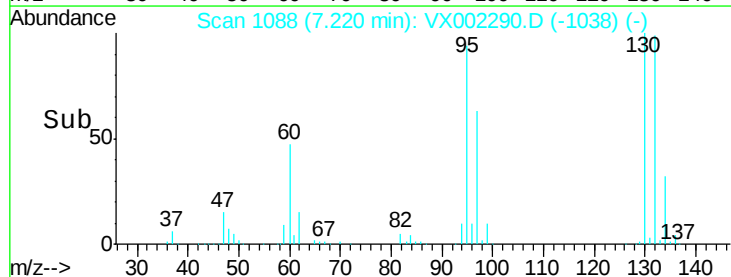
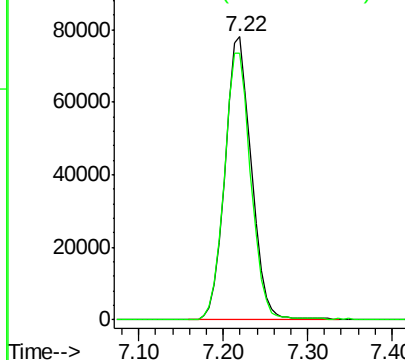
#44

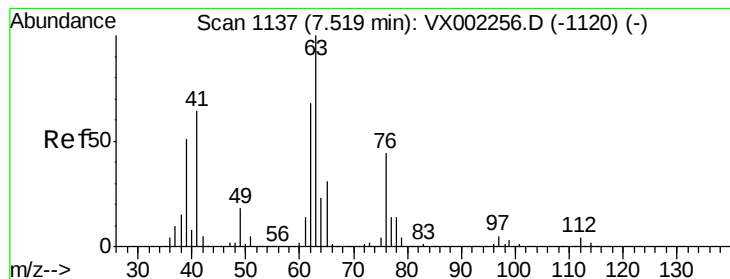
Trichloroethene
 Concen: 50.51 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion	130	Resp	166670
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.86 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

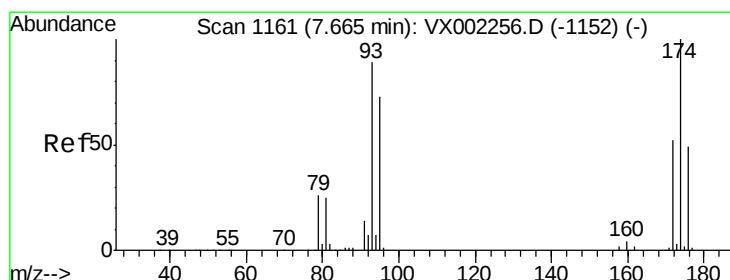
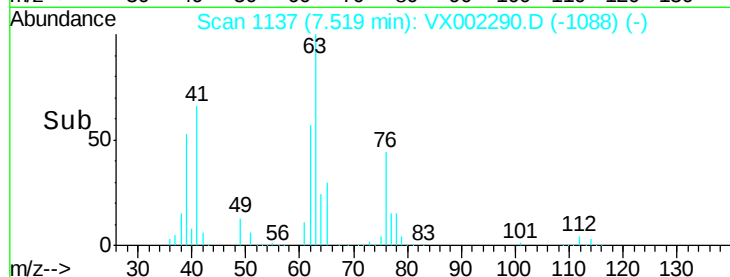
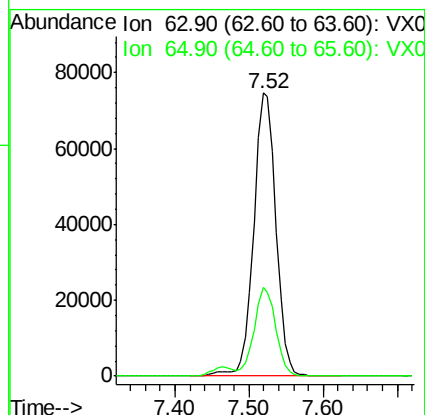
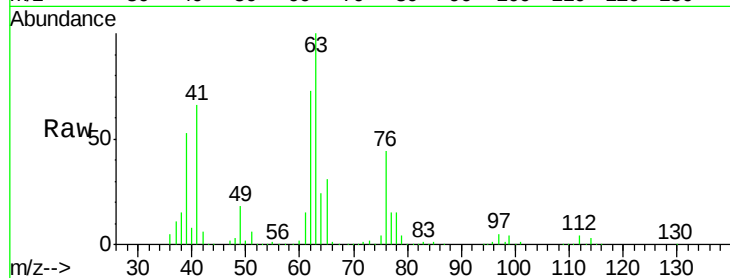
ClientSampleId :

Tot Ion: 63 Resp: 156838

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 48.22 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

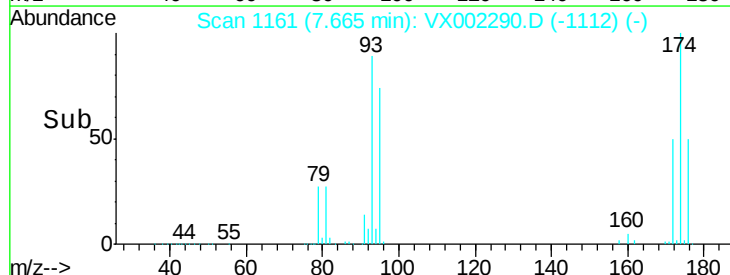
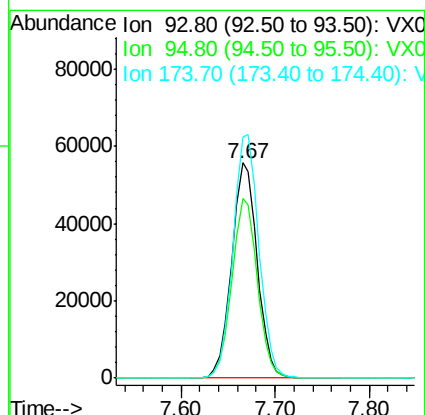
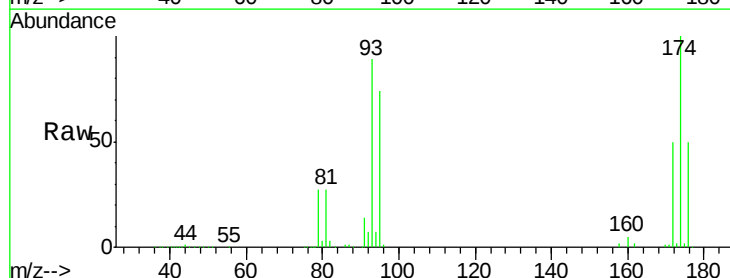
Tgt Ion: 93 Resp: 104939

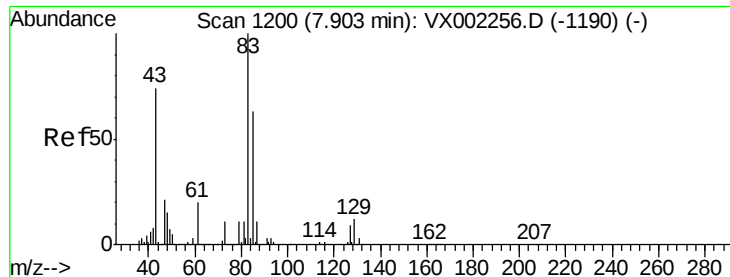
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 114.8 92.4 138.6





#47

Bromodichloromethane

Concen: 49.01 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :

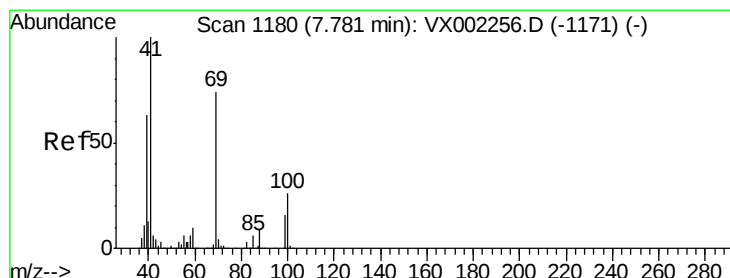
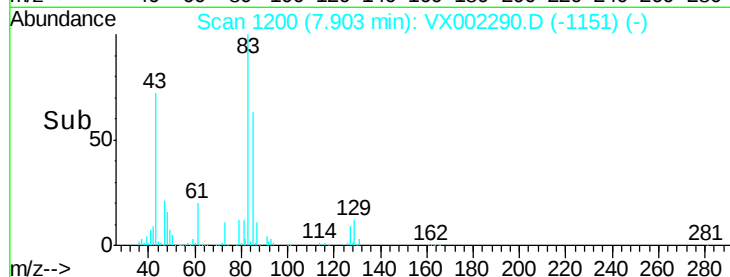
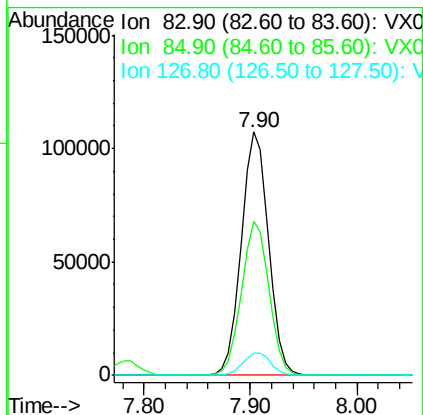
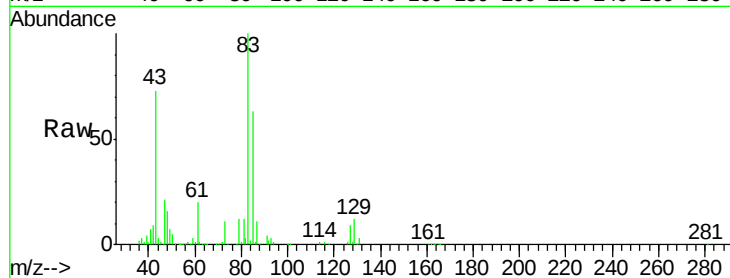
Tot Ion: 83 Resp: 192887

Ion Ratio Lower Upper

83 100

85 63.3 50.3 75.5

127 9.3 7.0 10.4



#48

Methyl methacrylate

Concen: 49.26 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

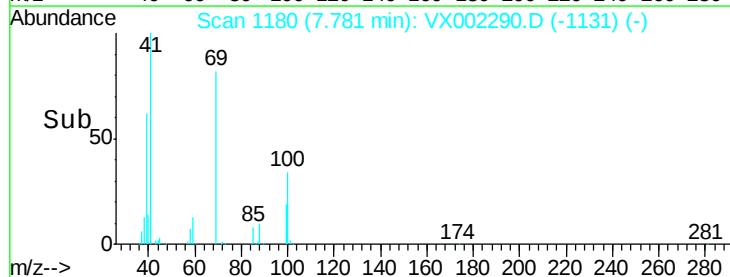
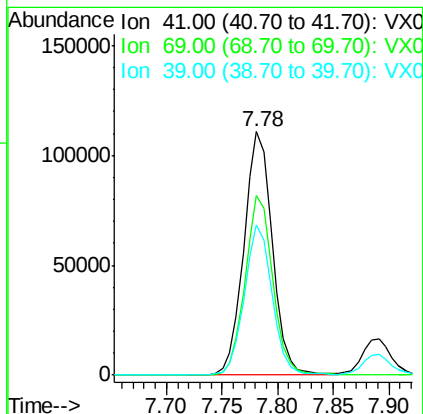
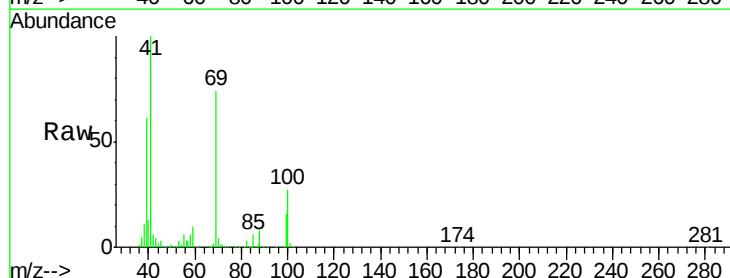
Tgt Ion: 41 Resp: 196021

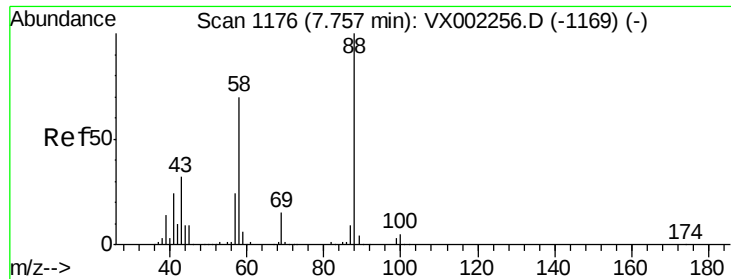
Ion Ratio Lower Upper

41 100

69 72.4 59.1 88.7

39 60.0 48.9 73.3

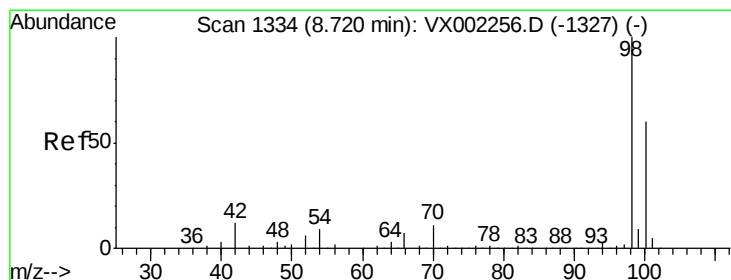
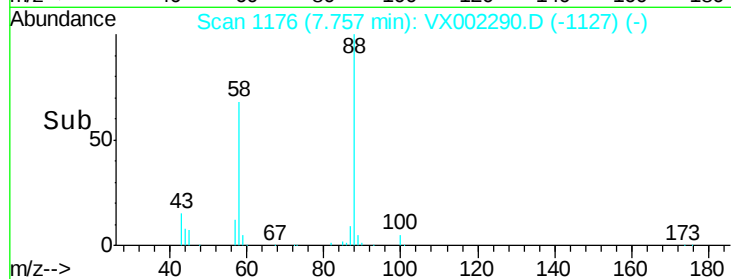
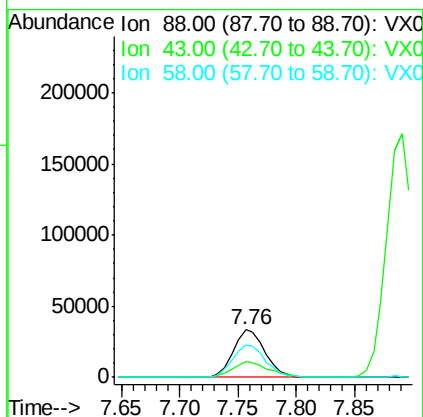
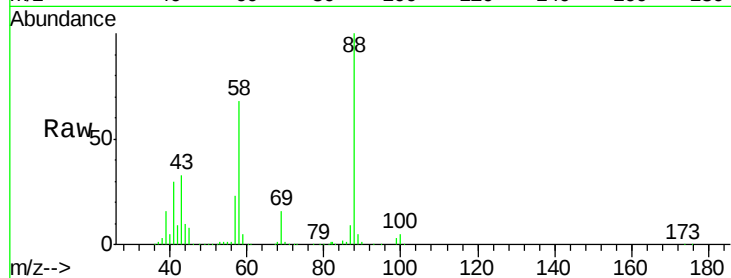




#49
1,4-Dioxane
Concen: 856.91 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

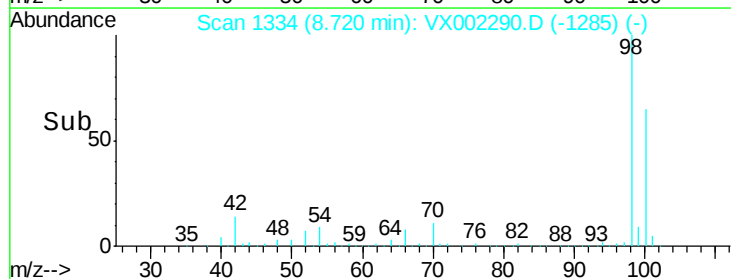
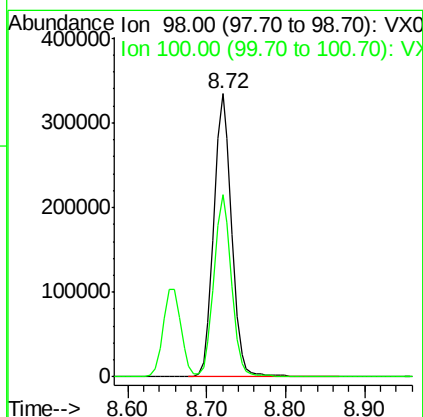
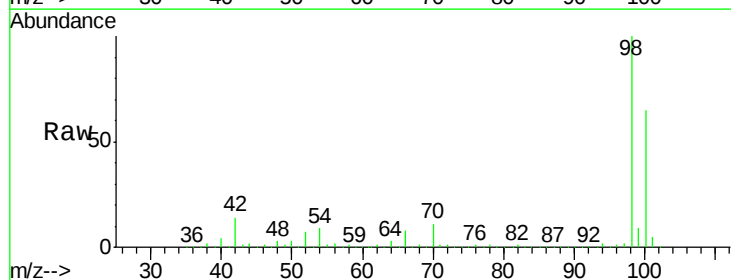
Instrument :
MSVOA_X
ClientSampleId :

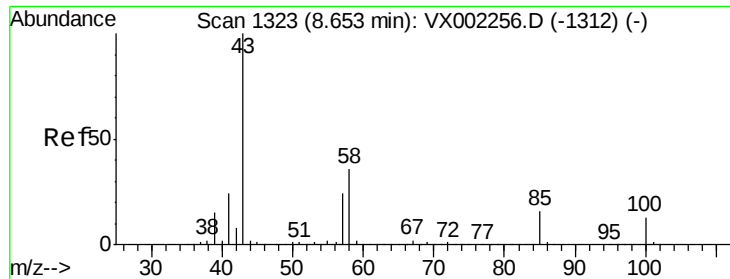
Tot Ion: 88 Resp: 63751
Ion Ratio Lower Upper
88 100
43 36.8 29.8 44.6
58 71.2 57.1 85.7



#50
Toluene-d8
Concen: 47.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 98 Resp: 527143
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 243.35 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

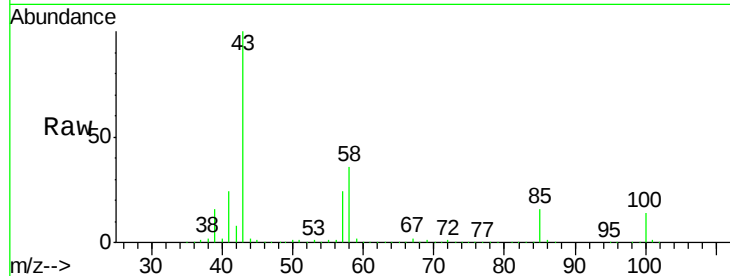
ClientSampleId :

Tot Ion: 43 Resp: 1200431

Ion Ratio Lower Upper

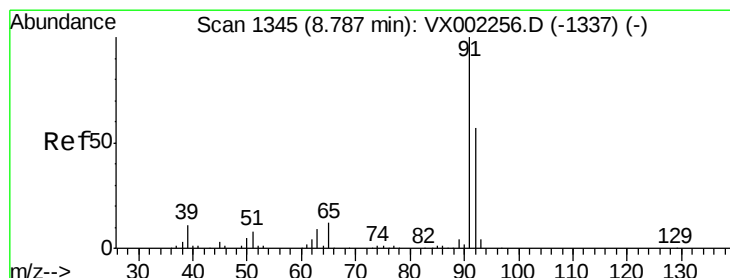
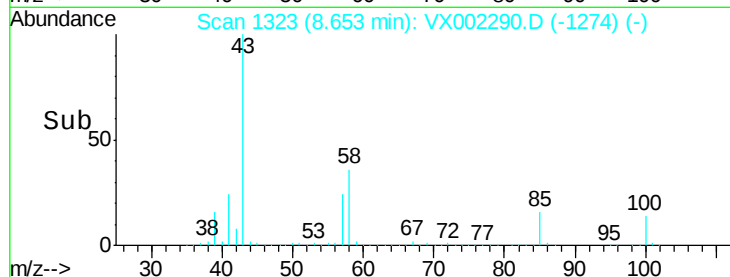
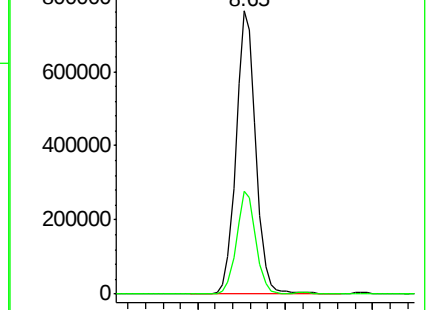
43 100

58 35.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.99 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002290.D

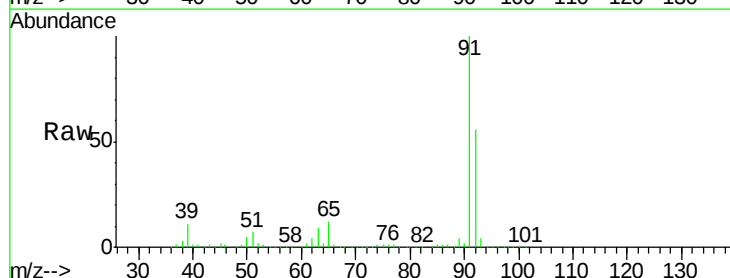
Acq: 05 Jun 2018 05:25

Tgt Ion: 92 Resp: 385579

Ion Ratio Lower Upper

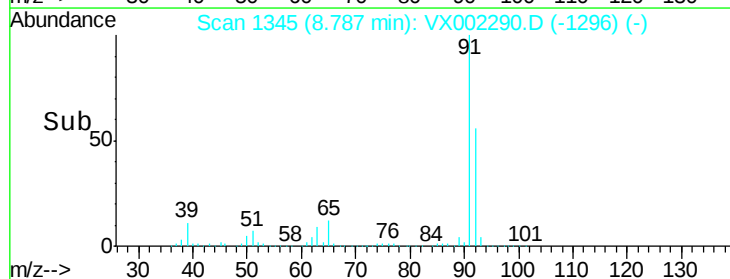
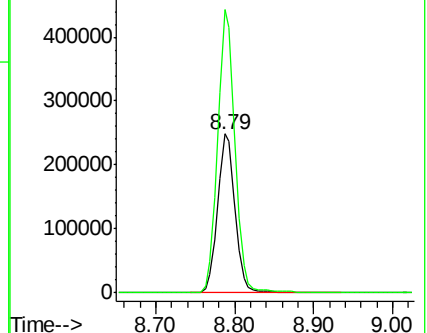
92 100

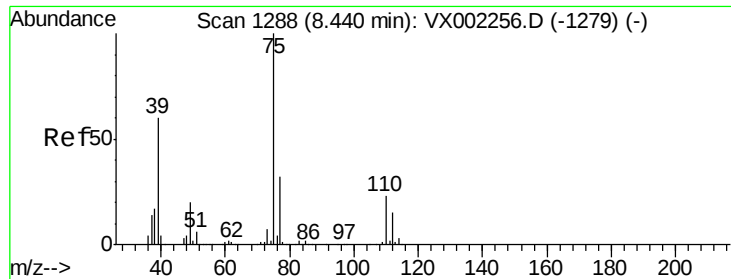
91 176.0 140.4 210.6



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: 46.78 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

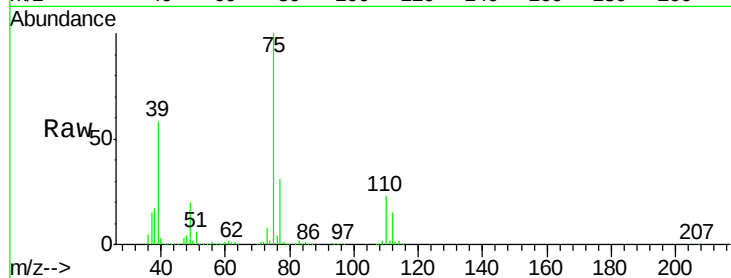
ClientSampleId :

Tot Ion: 75 Resp: 220787

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

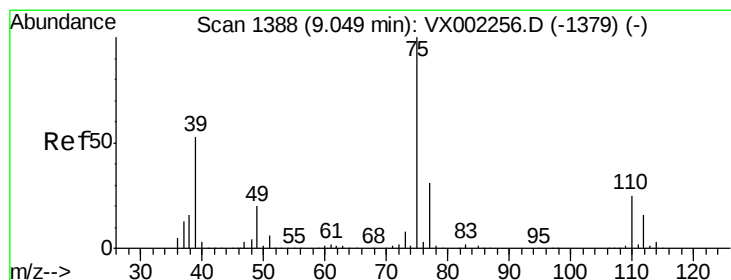
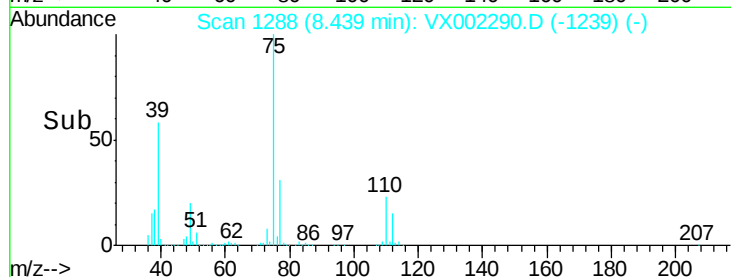
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.37 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

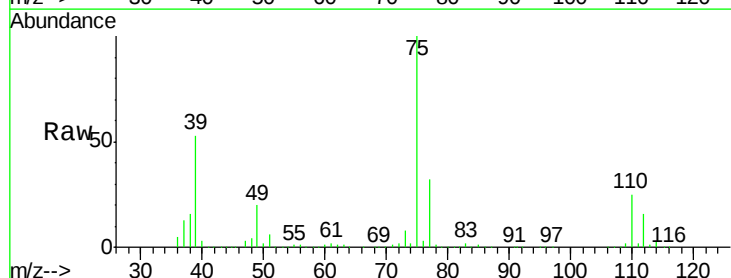
Tgt Ion: 75 Resp: 206484

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 52.4 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

9.05

200000

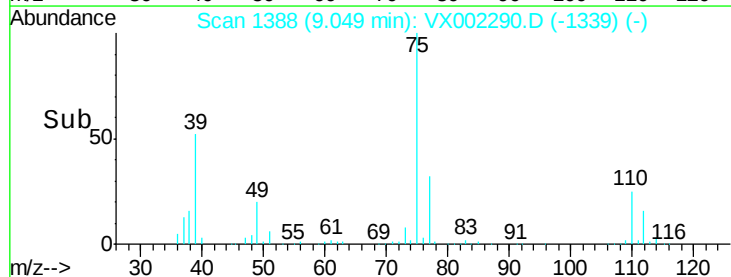
150000

100000

50000

0

Time-->



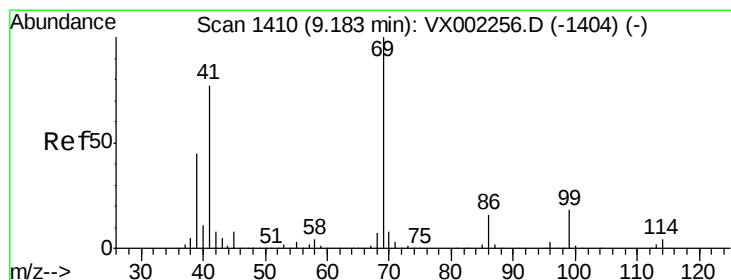
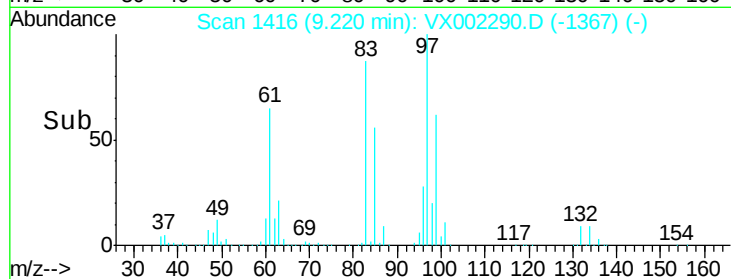
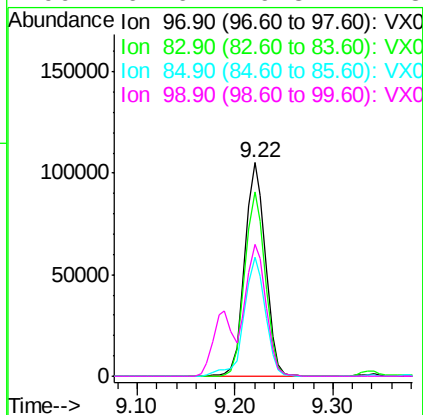
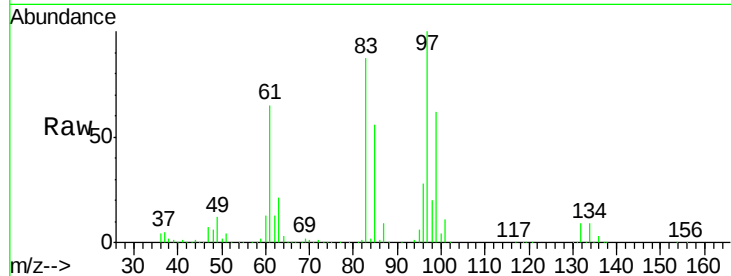


#55
 1,1,2-Trichloroethane
 Concen: 49.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 154786

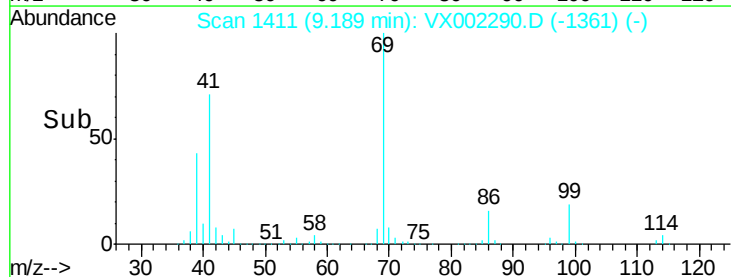
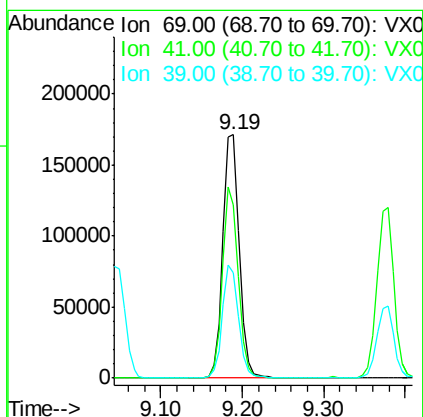
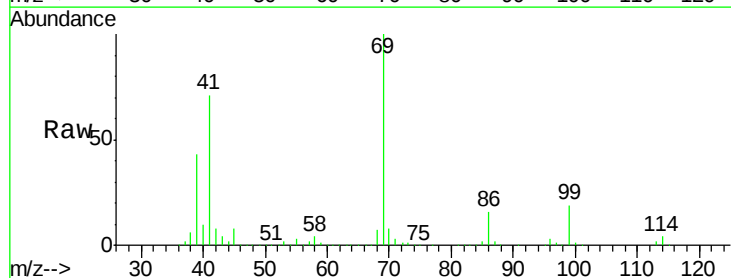
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	55.9	44.9	67.3
99	61.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 48.44 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 69 Resp: 240558

Ion	Ratio	Lower	Upper
69	100		
41	74.9	60.3	90.5
39	45.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.80 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

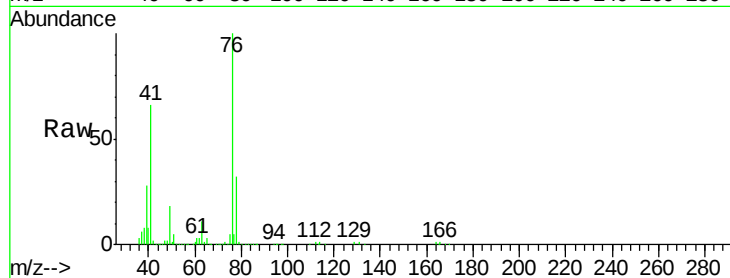
ClientSampleId :

Tot Ion: 76 Resp: 254624

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

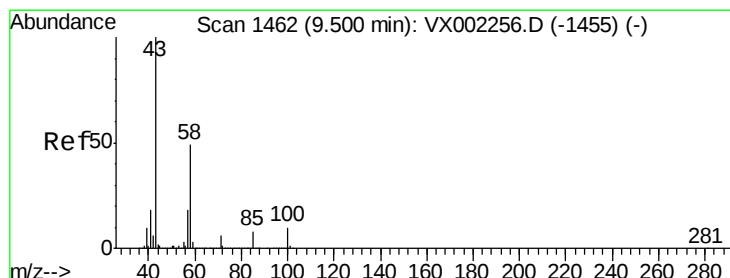
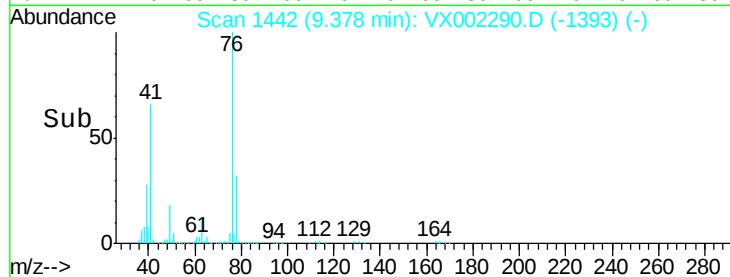
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 241.38 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002290.D

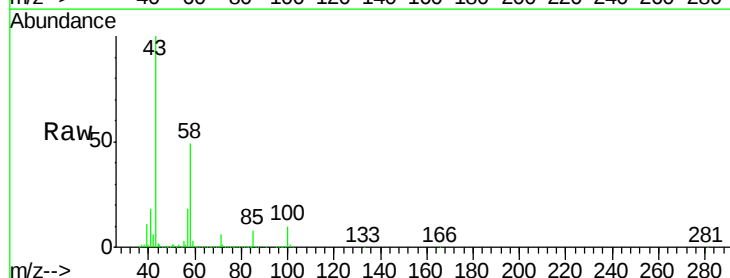
Acq: 05 Jun 2018 05:25

Tgt Ion: 43 Resp: 919705

Ion Ratio Lower Upper

43 100

58 49.5 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

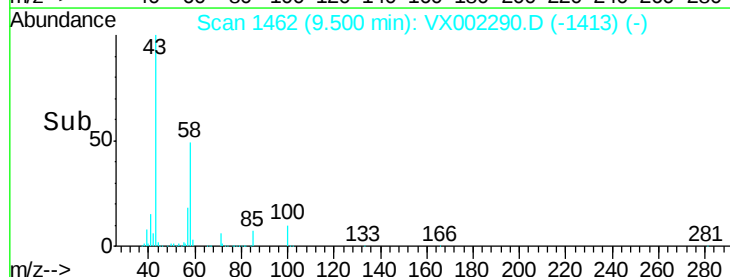
600000

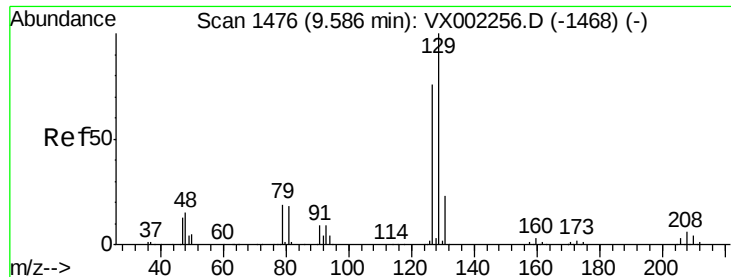
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 50.35 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

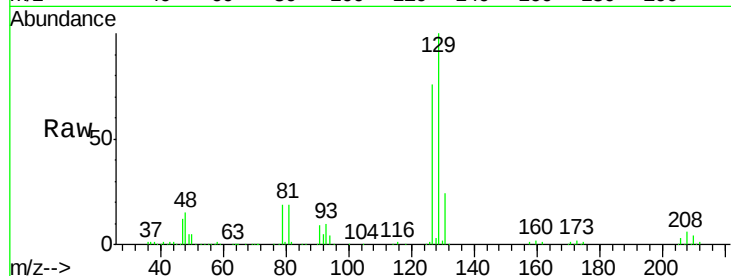
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 157528

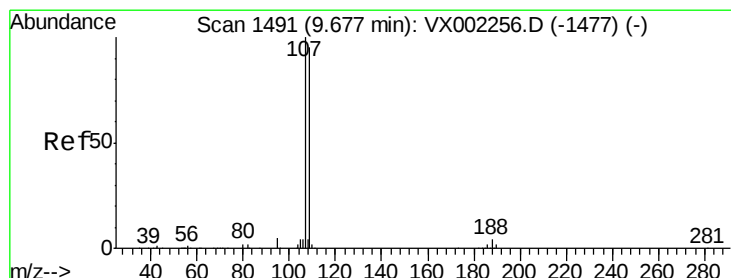
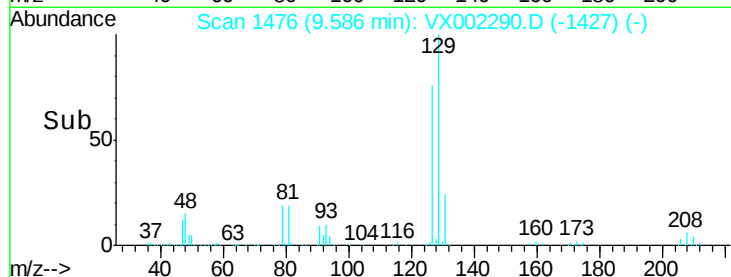
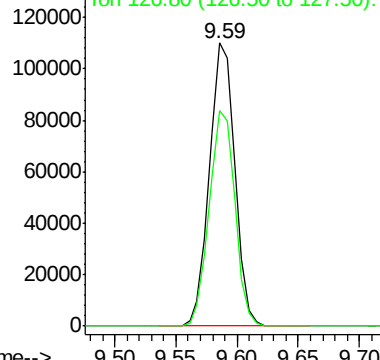
Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3



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



#61

1,2-Dibromoethane

Concen: 50.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002290.D

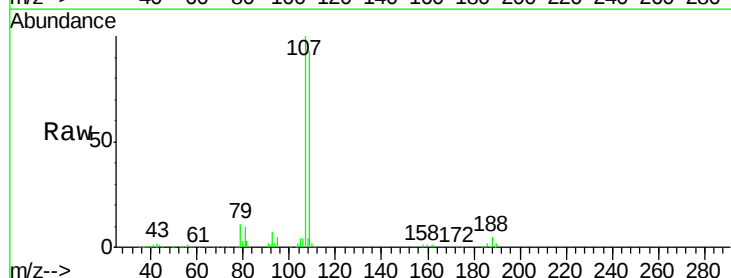
Acq: 05 Jun 2018 05:25

Tgt Ion:107 Resp: 163909

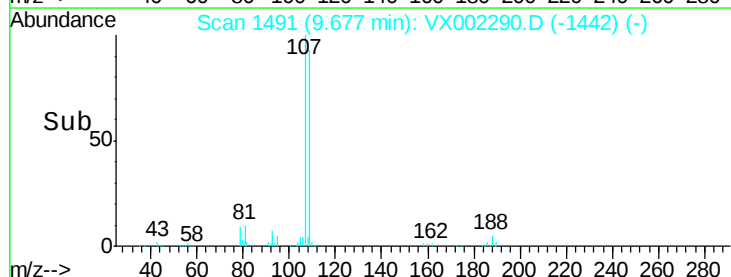
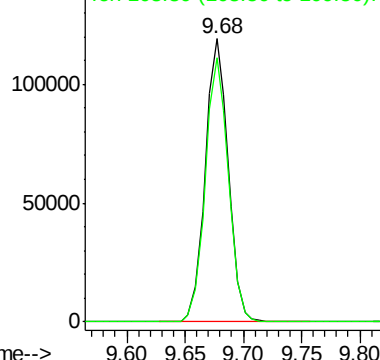
Ion Ratio Lower Upper

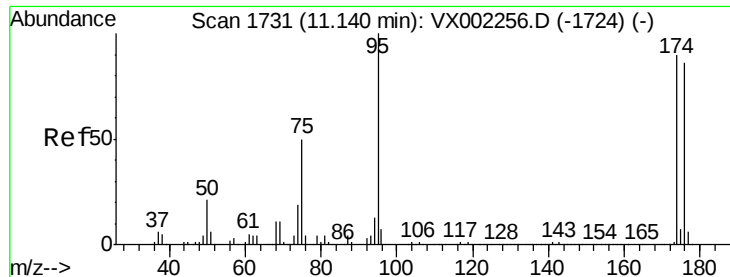
107 100

109 93.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

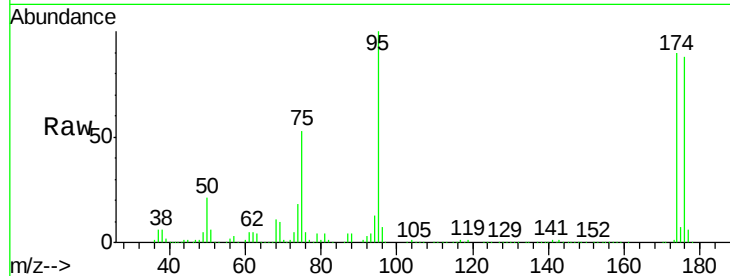




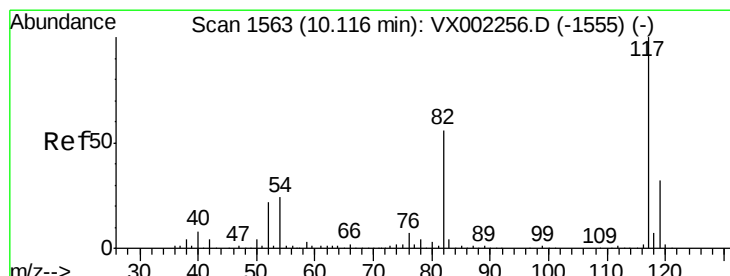
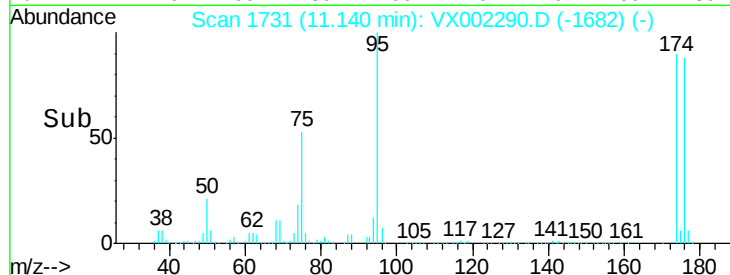
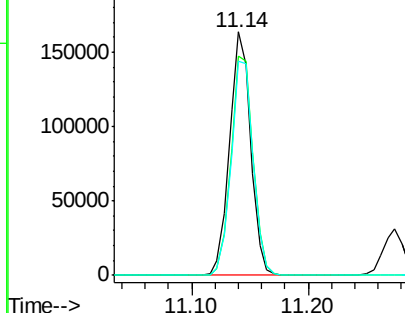
#62
4-Bromofluorobenzene
Concen: 48.13 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 206354
Ion Ratio Lower Upper
95 100
174 93.9 0.0 187.4
176 92.1 0.0 181.0

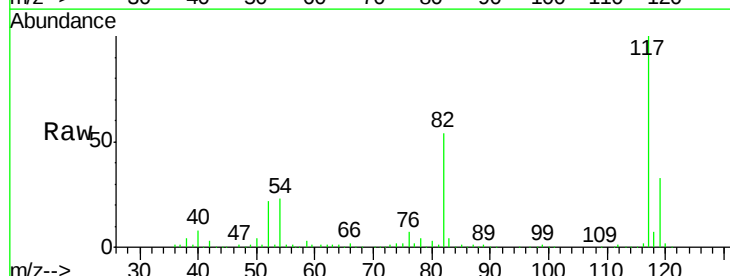


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

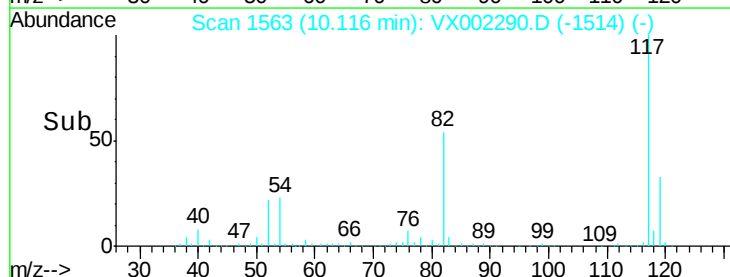
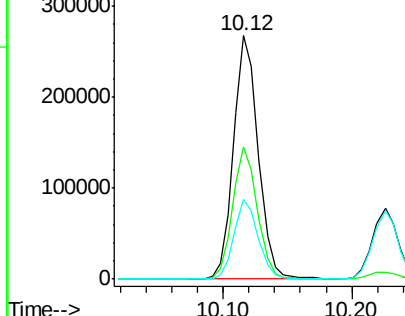


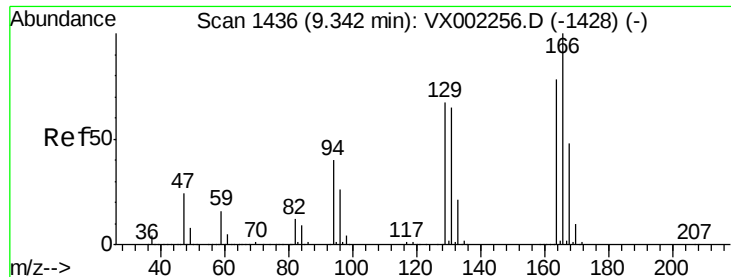
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 117 Resp: 358221
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.6 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

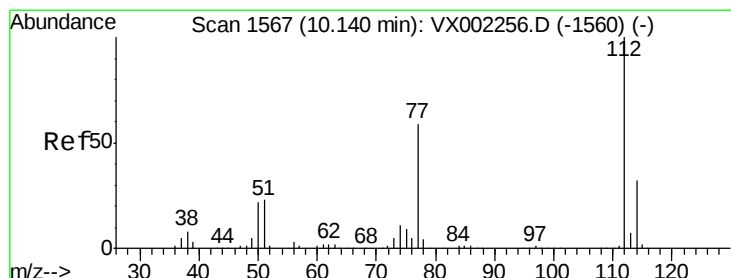
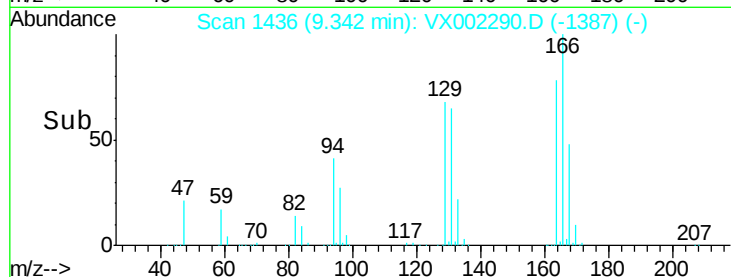
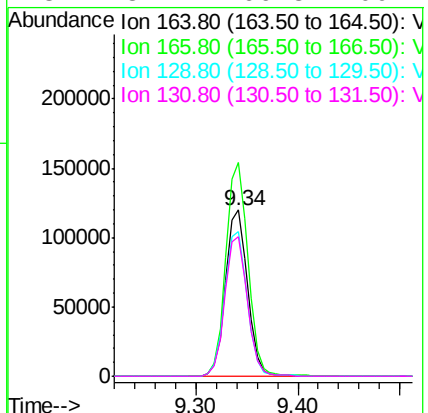
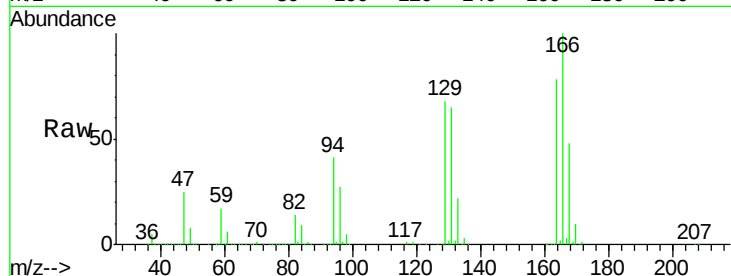




#64
Tetrachloroethene
Concen: 48.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

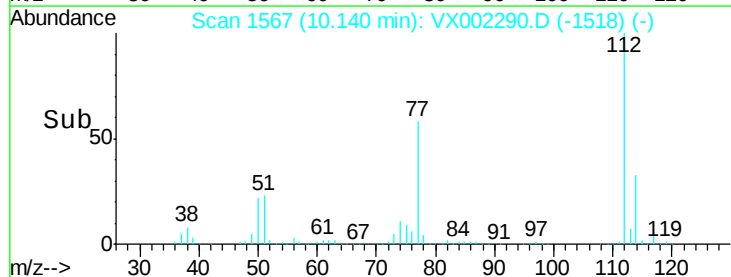
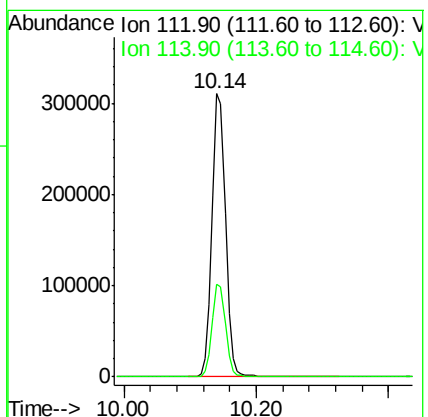
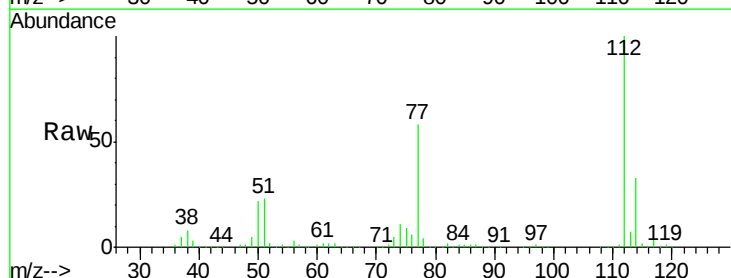
Instrument :
MSVOA_X
ClientSampleId :

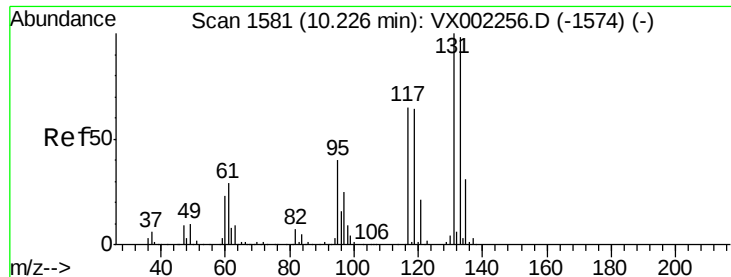
Tot Ion:164 Resp: 178997
Ion Ratio Lower Upper
164 100
166 128.5 102.9 154.3
129 87.1 68.6 102.8
131 84.1 66.8 100.2



#65
Chlorobenzene
Concen: 49.31 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:112 Resp: 439521
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 49.68 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

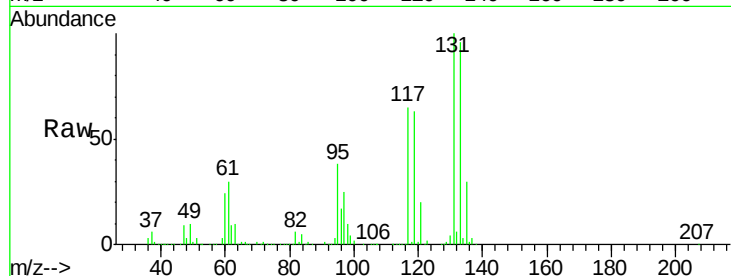
Tot Ion:131 Resp: 160332

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

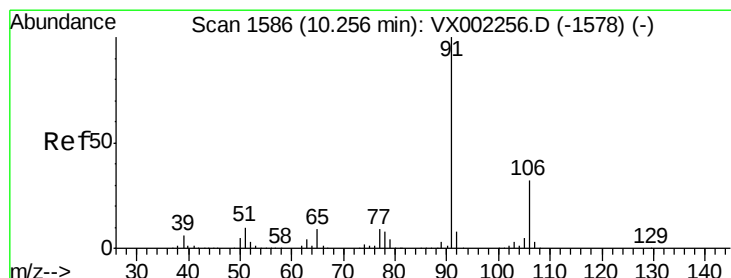
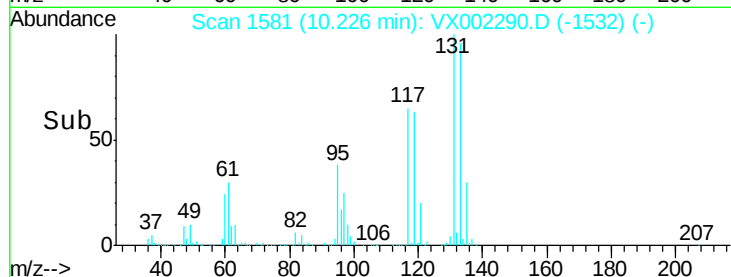
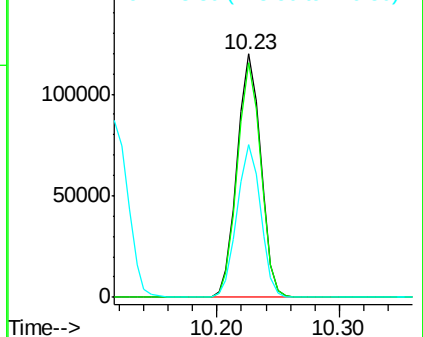
119 62.7 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.20 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002290.D

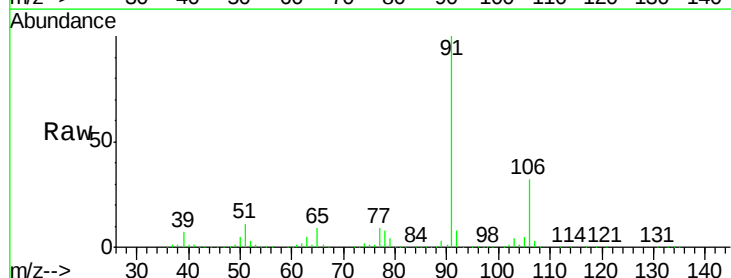
Acq: 05 Jun 2018 05:25

Tgt Ion: 91 Resp: 763784

Ion Ratio Lower Upper

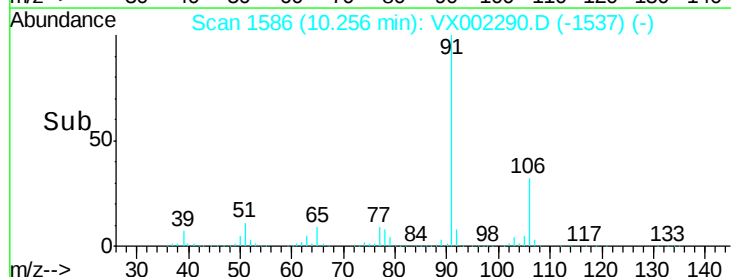
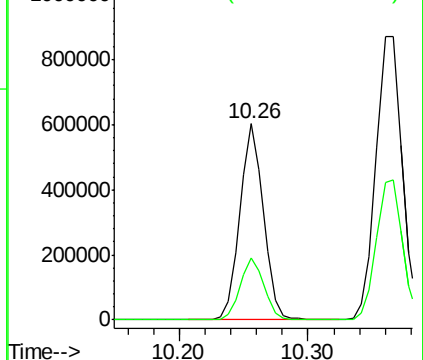
91 100

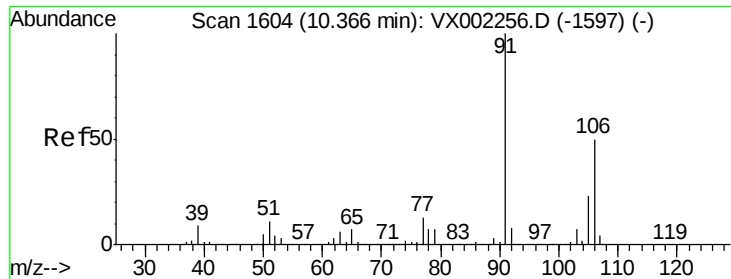
106 31.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

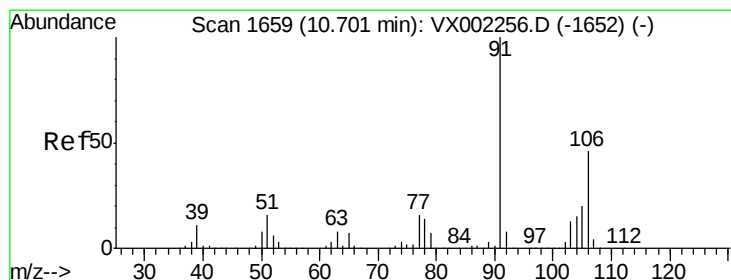
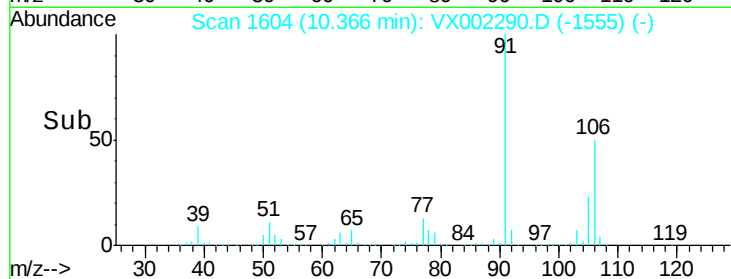
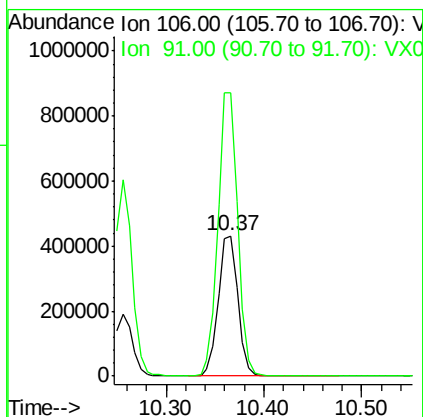
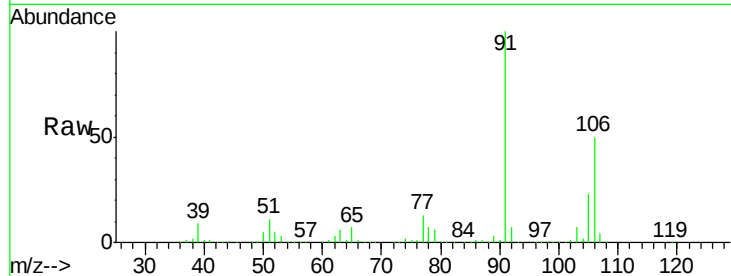




#68
m/p-Xvlenes
Concen: 103.41 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

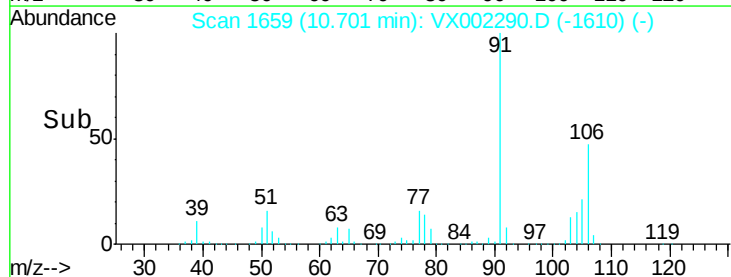
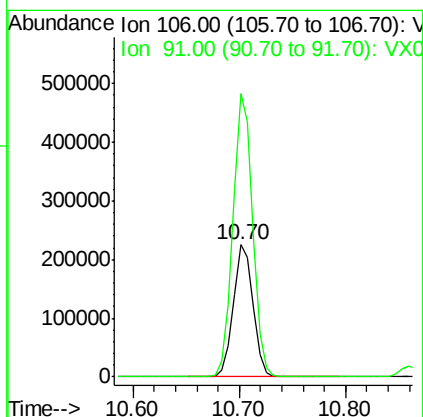
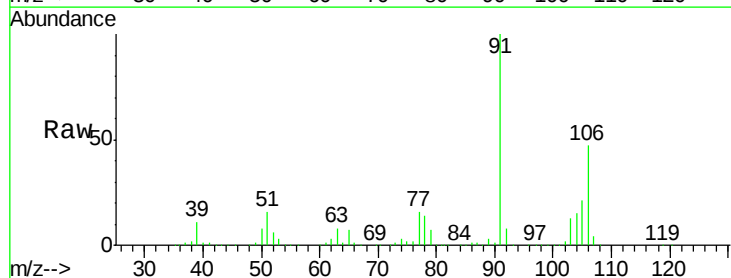
Instrument :
MSVOA_X
ClientSampleId :

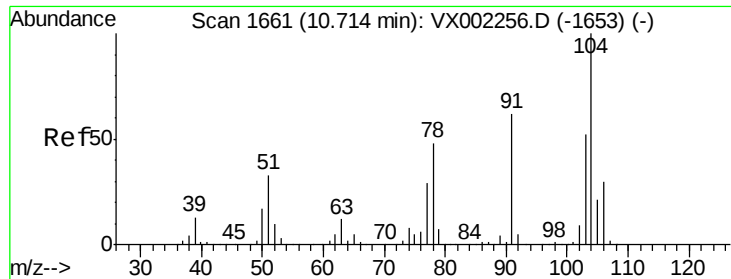
Tot Ion:106 Resp: 599650
Ion Ratio Lower Upper
106 100
91 204.0 163.4 245.2



#69
o-Xylene
Concen: 50.66 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:106 Resp: 292328
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6

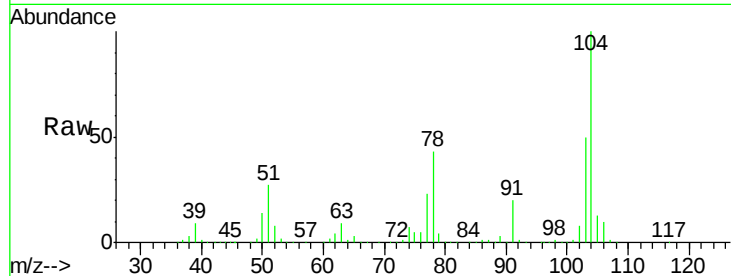




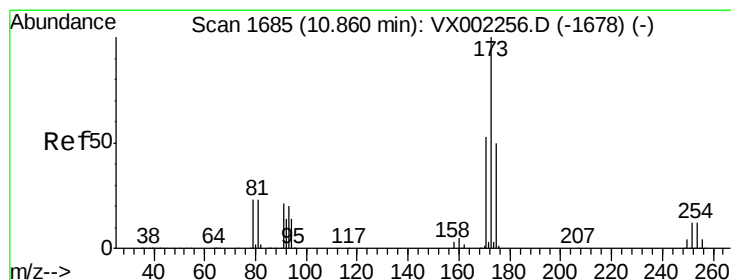
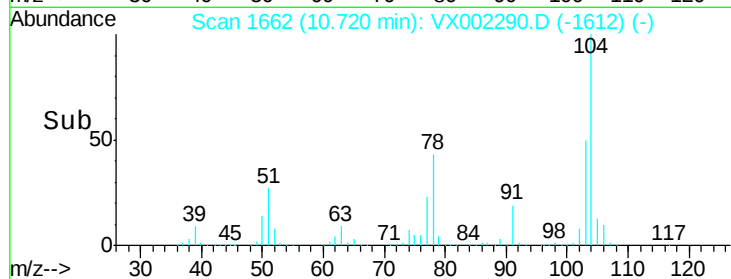
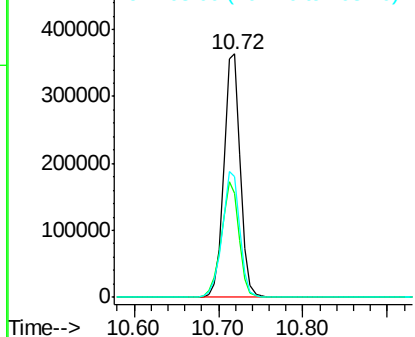
#70
Stvrene
Concen: 51.76 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 488301
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 55.7 44.2 66.4

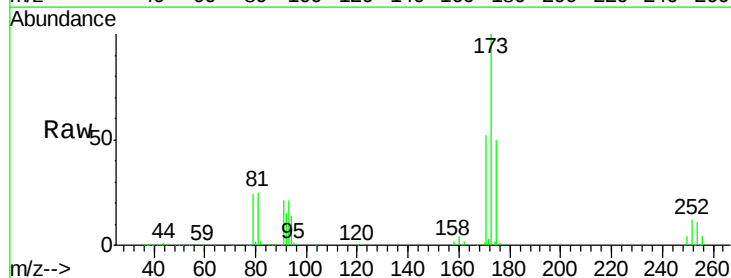


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

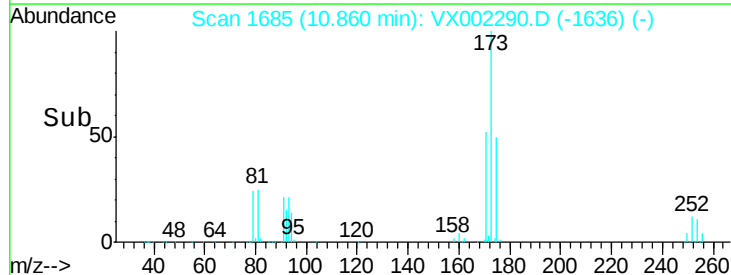
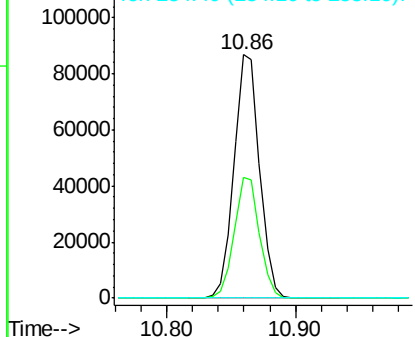


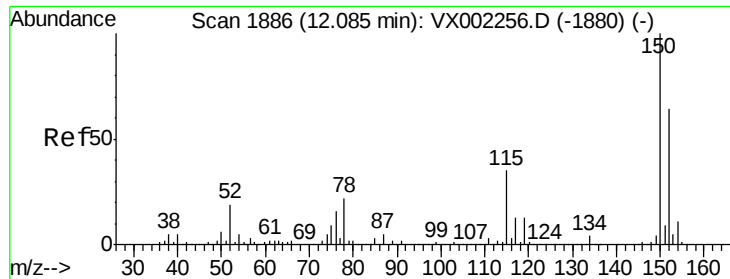
#71
Bromoform
Concen: 42.08 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:173 Resp: 119936
Ion Ratio Lower Upper
173 100
175 49.1 24.7 74.1
254 0.2 0.2 0.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

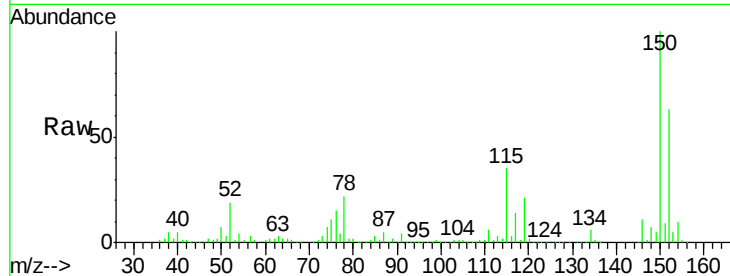
Tot Ion:152 Resp: 228869

Ion Ratio Lower Upper

152 100

115 80.3 40.1 120.2

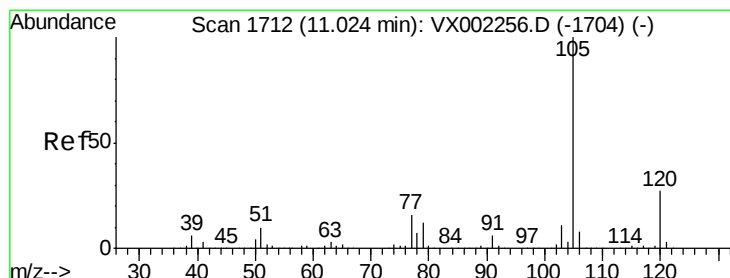
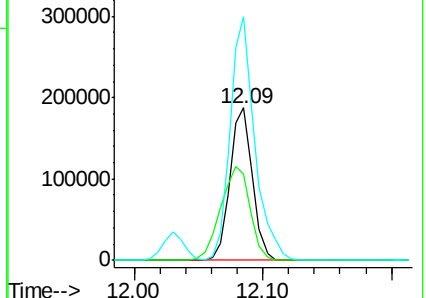
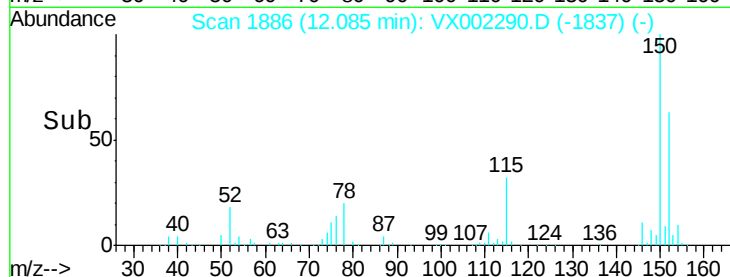
150 174.6 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.78 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002290.D

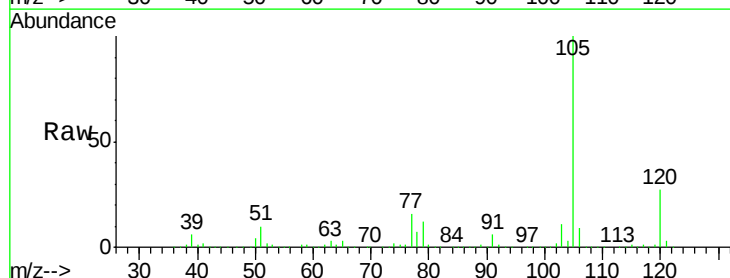
Acq: 05 Jun 2018 05:25

Tgt Ion:105 Resp: 792620

Ion Ratio Lower Upper

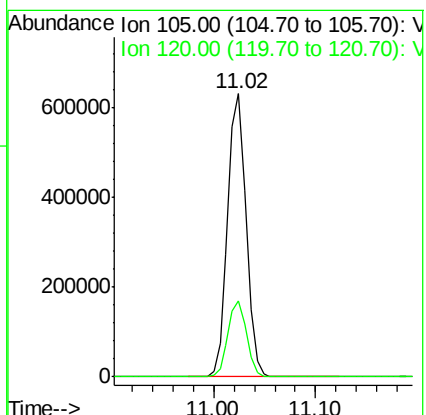
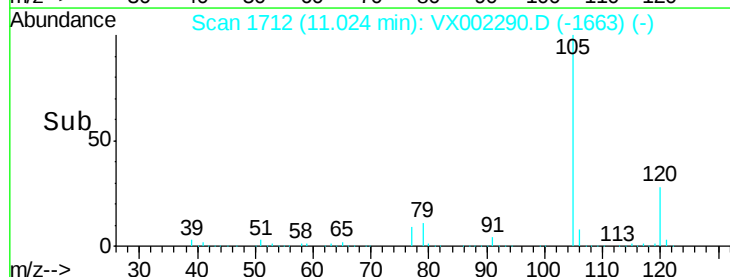
105 100

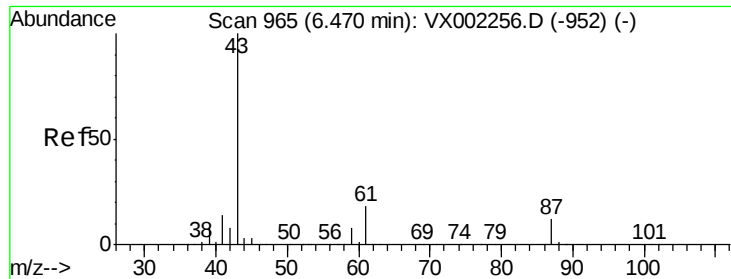
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 41.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

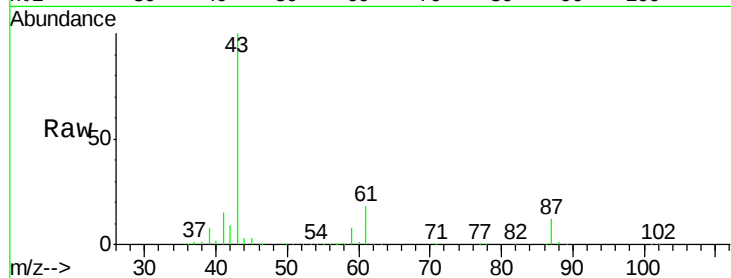
Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

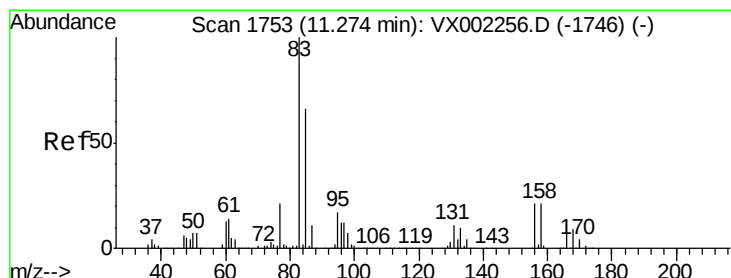
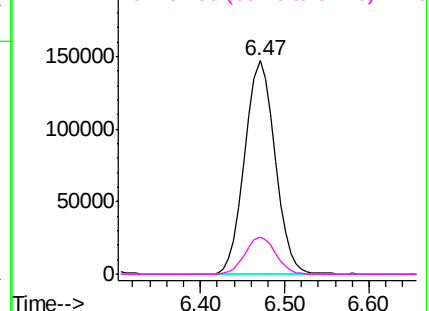
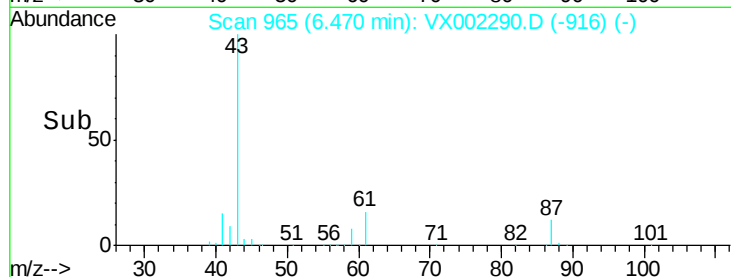
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 358109

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.2	0.0	0.0#
61	17.9	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: 46.25 ug/l

RT: 11.27 min Scan# 1753

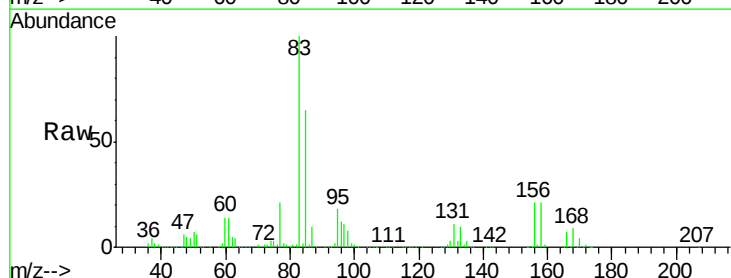
Delta R.T. -0.00 min

Lab File: VX002290.D

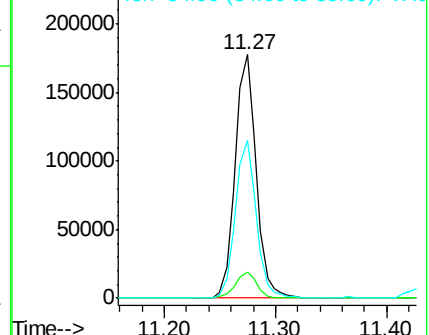
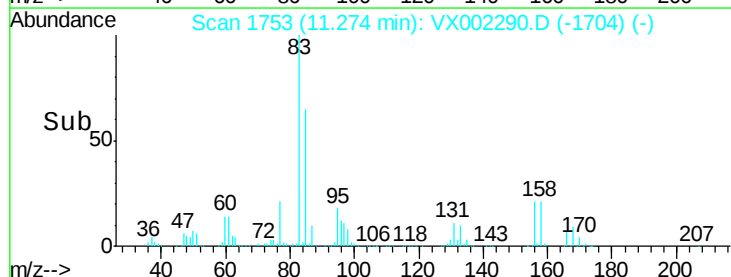
Acq: 05 Jun 2018 05:25

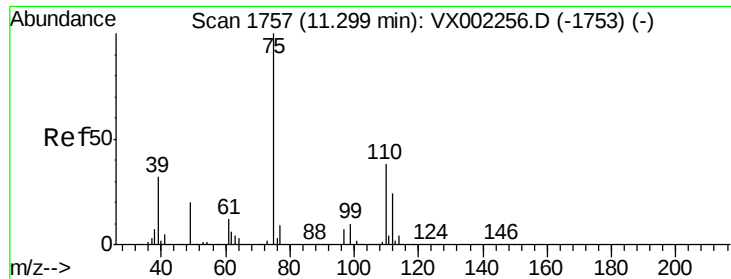
Tgt Ion: 83 Resp: 231597

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.7	32.4	97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 52.76 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

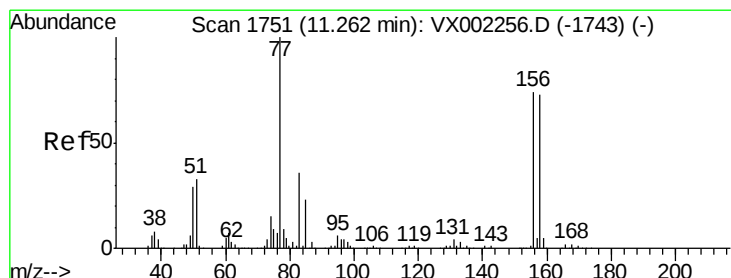
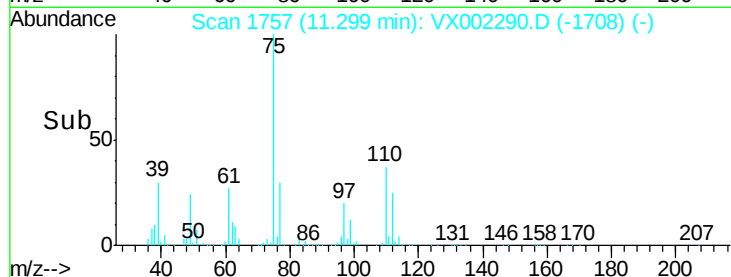
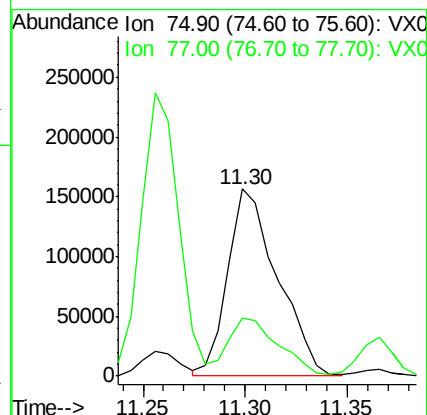
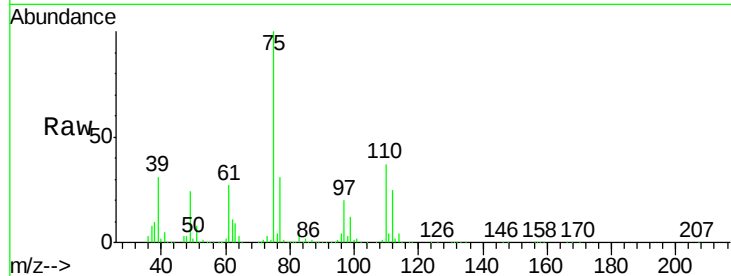
ClientSampled :

Tot Ion: 75 Resp: 264979

Ion Ratio Lower Upper

75 100

77 31.7 22.8 68.3



#77

Bromobenzene

Concen: 48.28 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

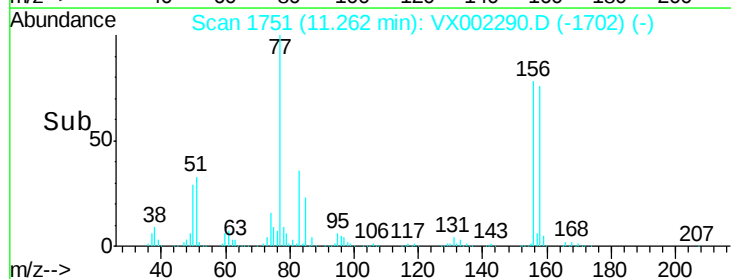
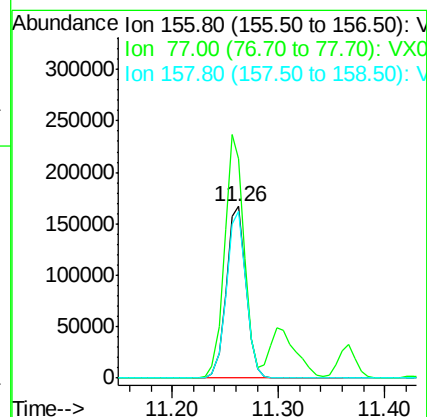
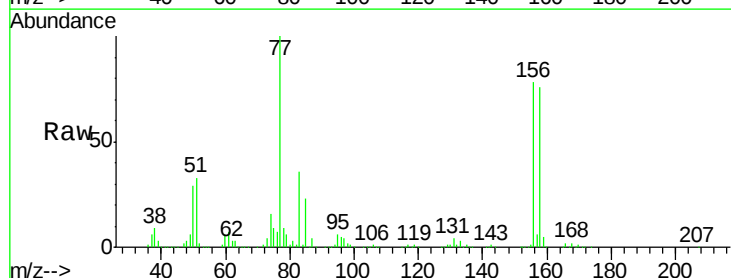
Tgt Ion: 156 Resp: 215804

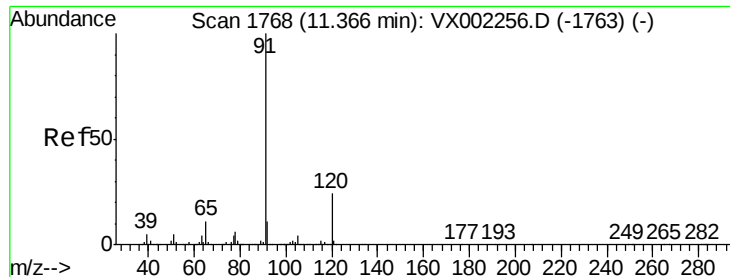
Ion Ratio Lower Upper

156 100

77 139.3 71.4 214.2

158 97.0 48.9 146.6





#78

n-propylbenzene

Concen: 51.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

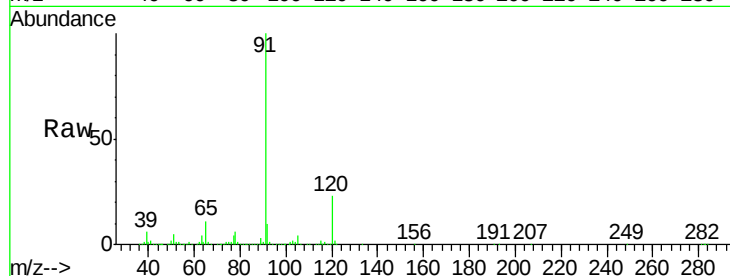
ClientSampled :

Tot Ion: 91 Resp: 905993

Ion Ratio Lower Upper

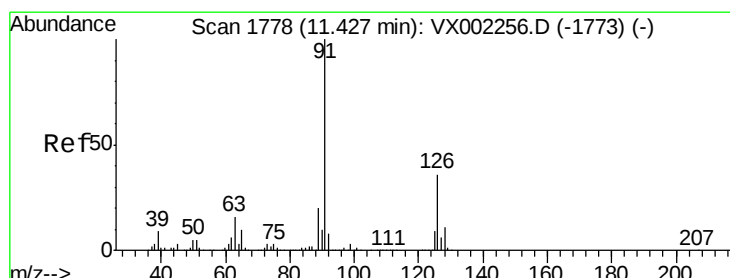
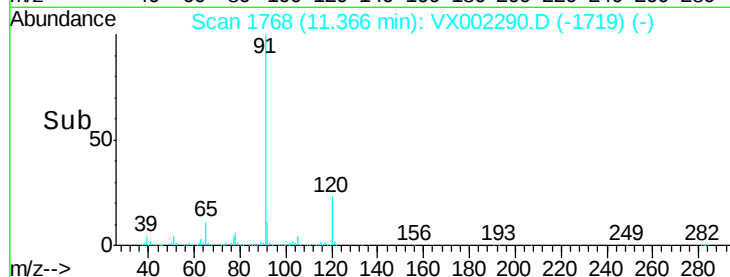
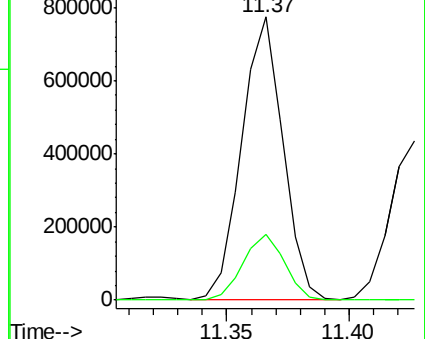
91 100

120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.09 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002290.D

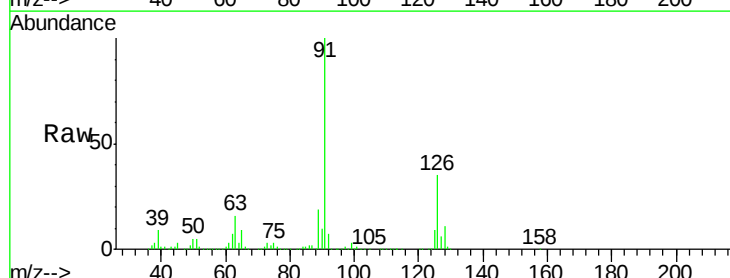
Acq: 05 Jun 2018 05:25

Tgt Ion: 91 Resp: 537307

Ion Ratio Lower Upper

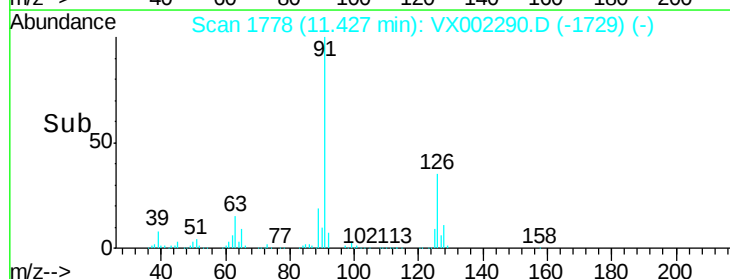
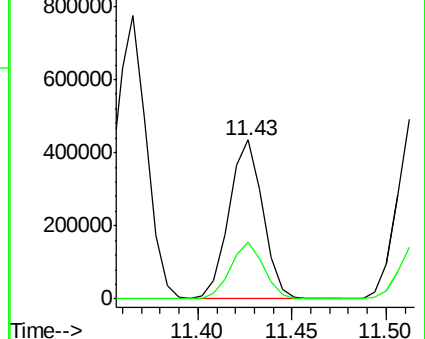
91 100

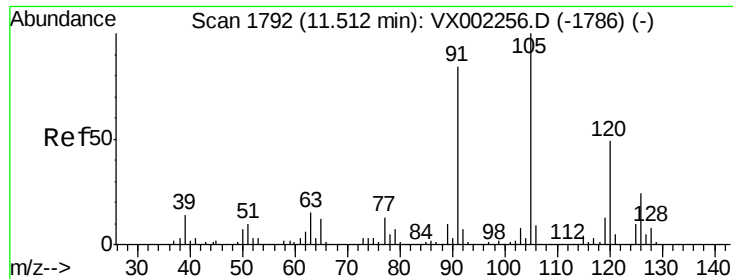
126 35.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

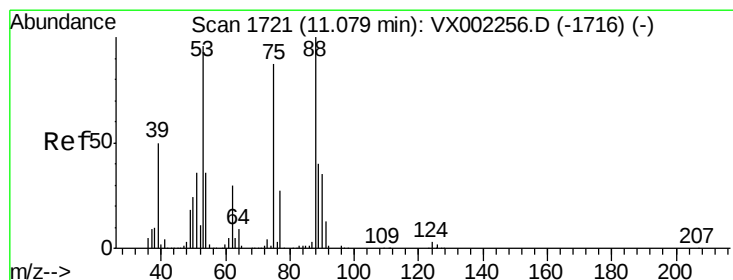
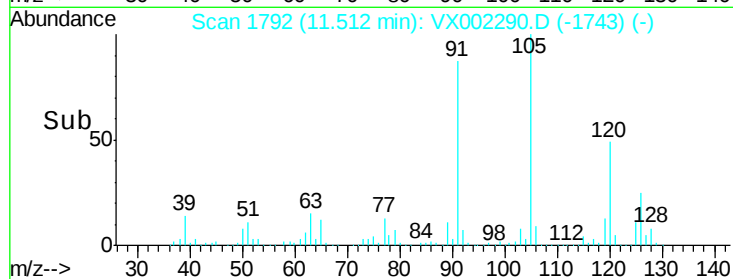
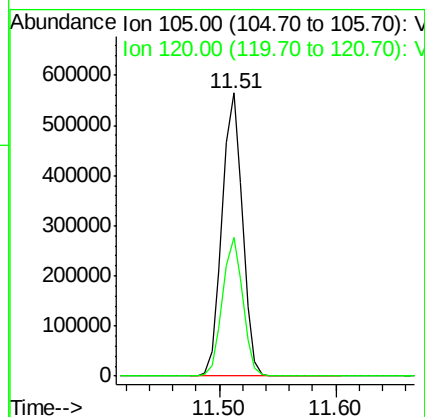
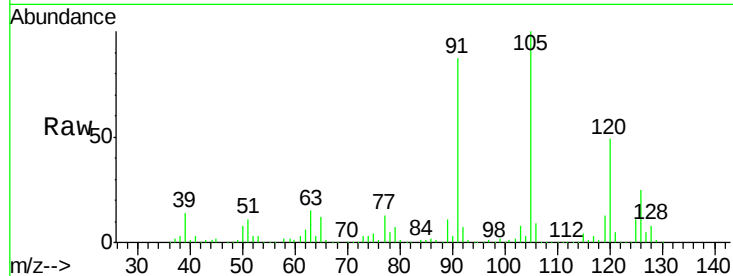




#80
 1,3,5-Trimethylbenzene
 Concen: 49.74 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

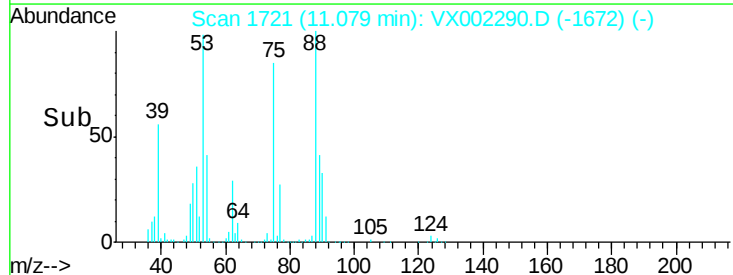
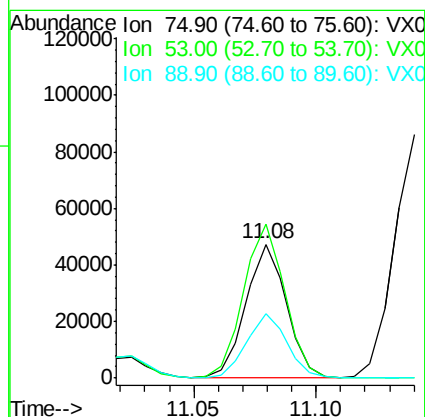
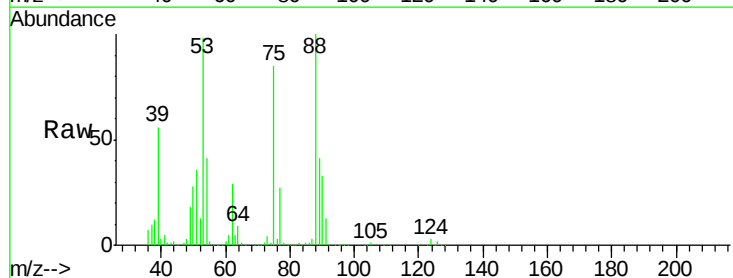
Instrument :
 MSVOA_X
 ClientSampled :

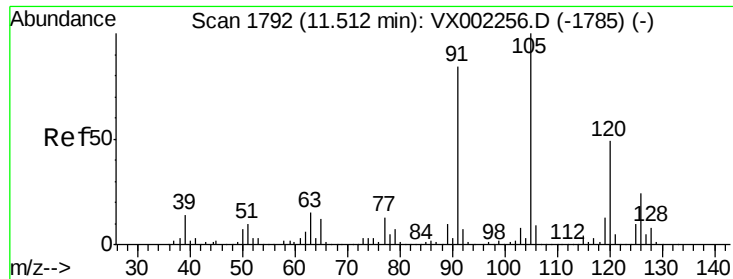
Tot Ion:105 Resp: 679253
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 38.19 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 75 Resp: 54715
 Ion Ratio Lower Upper
 75 100
 53 118.0 86.8 130.2
 89 48.5 38.2 57.2

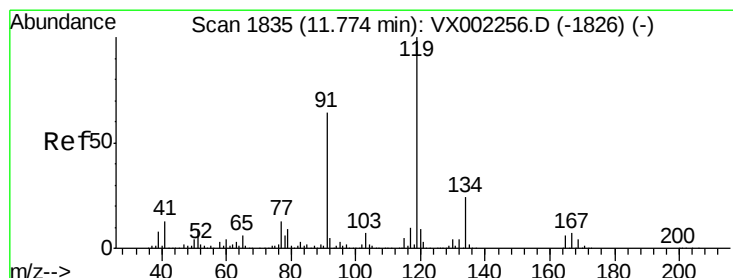
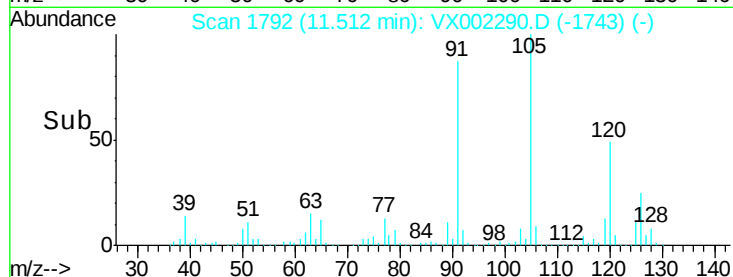
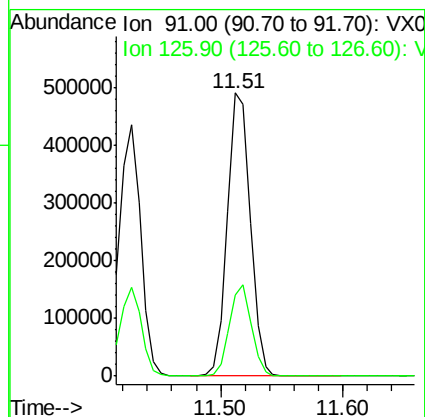
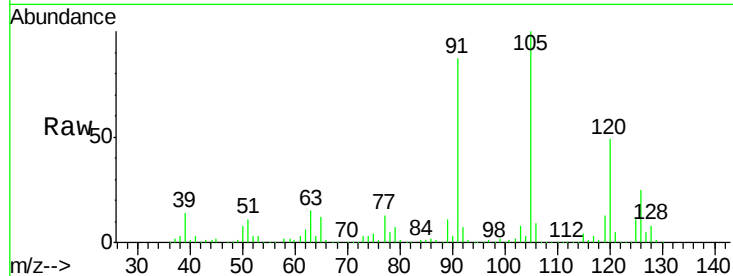




#82
4-Chlorotoluene
Concen: 49.32 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

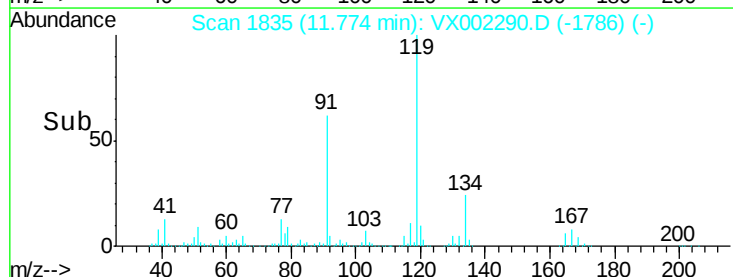
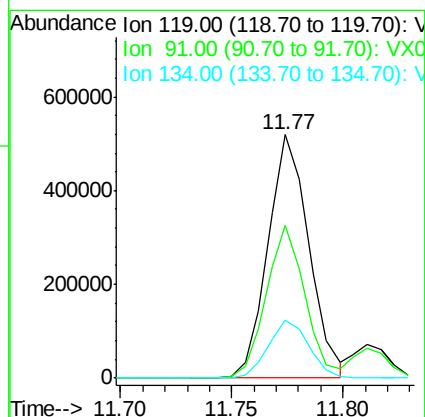
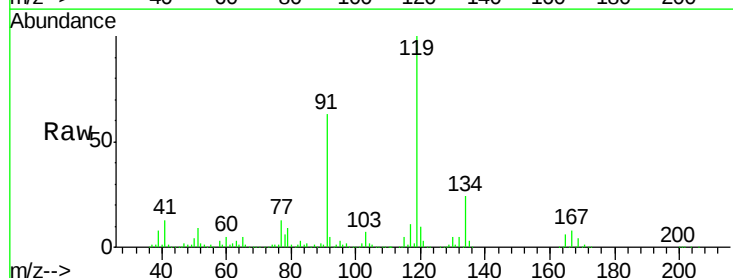
Instrument :
MSVOA_X
ClientSampleId :

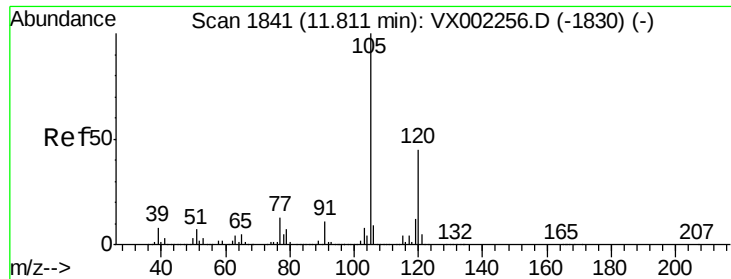
Tot Ion: 91 Resp: 636044
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4



#83
tert-Butylbenzene
Concen: 49.77 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 119 Resp: 661839
Ion Ratio Lower Upper
119 100
91 59.7 30.3 90.9
134 23.7 11.7 35.1

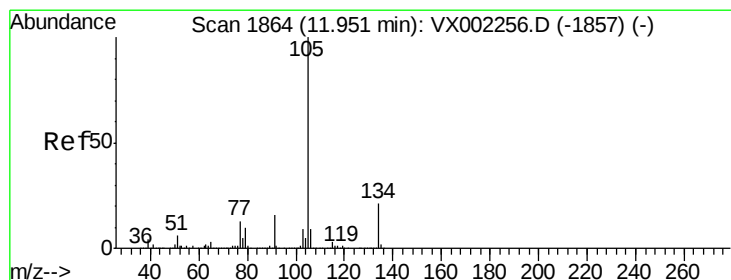
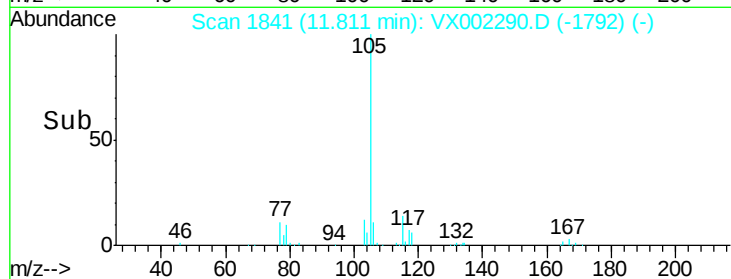
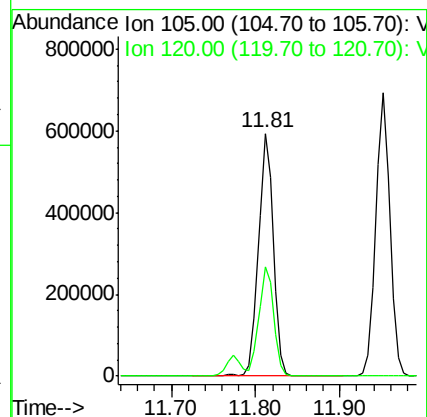
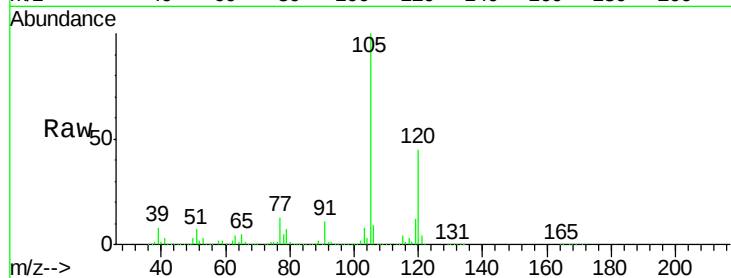




#84
 1,2,4-Trimethylbenzene
 Concen: 50.14 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

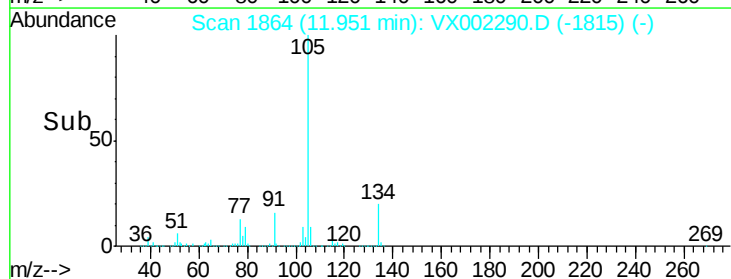
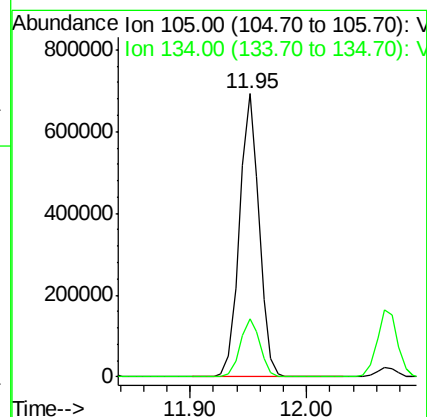
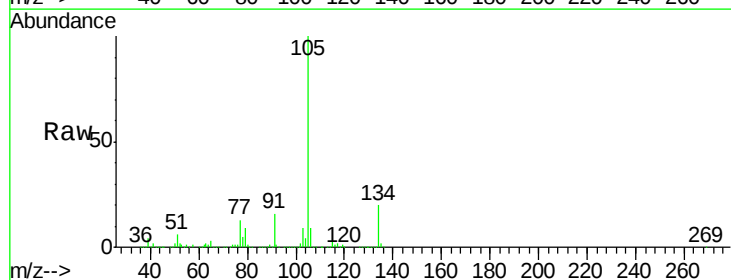
Instrument :
 MSVOA_X
 ClientSampleId :

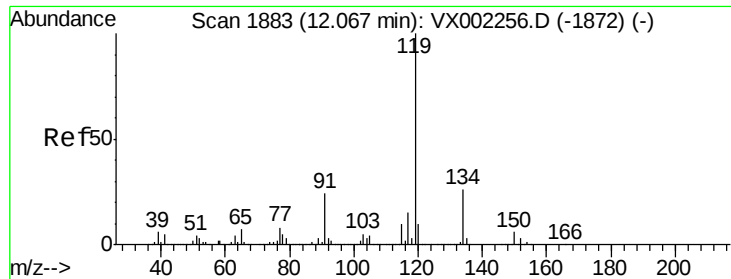
Tot Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.3	66.8



#85
 sec-Butylbenzene
 Concen: 52.12 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.1

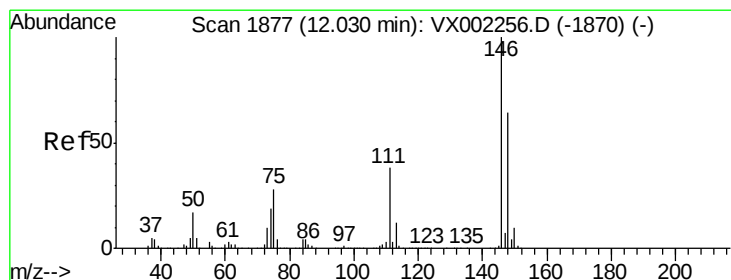
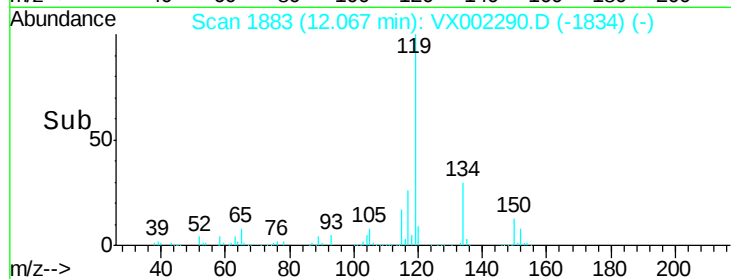
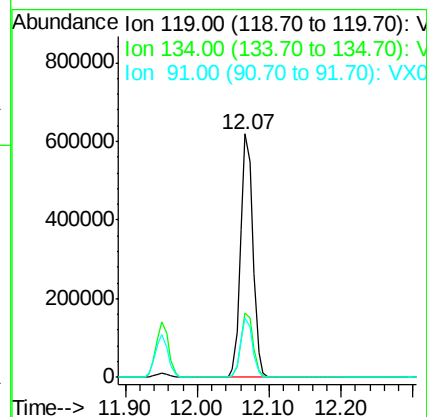
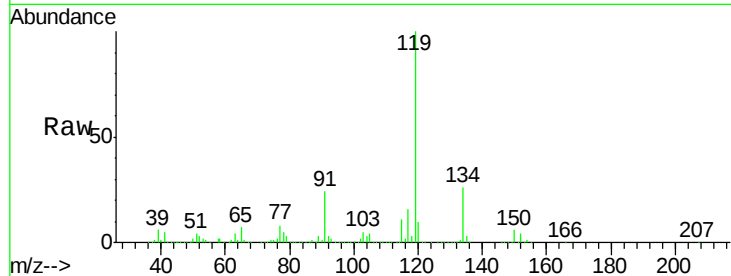




#86
 p-Isopropyltoluene
 Concen: 52.22 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

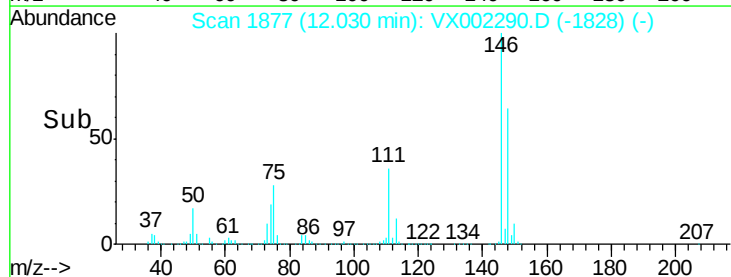
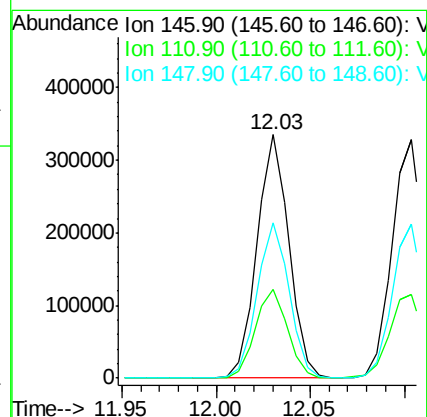
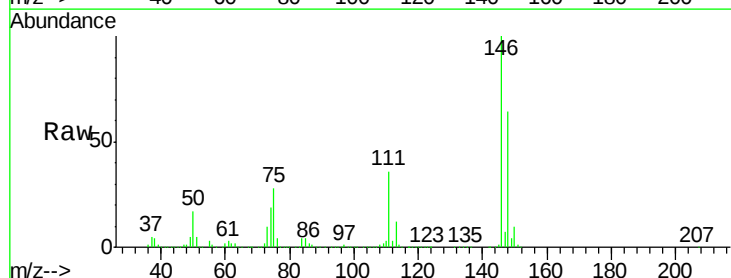
Instrument :
 MSVOA_X
 ClientSampleId :

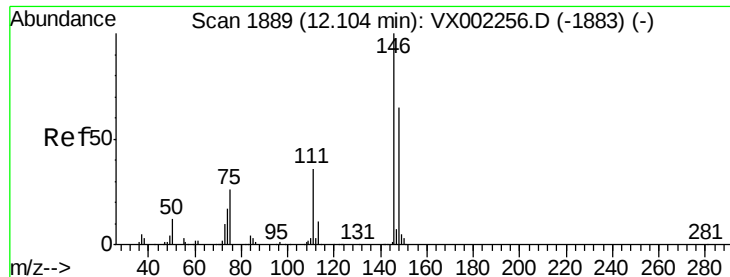
Tot Ion:119 Resp: 741584
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.8 11.9 35.7



#87
 1,3-Dichlorobenzene
 Concen: 49.17 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion:146 Resp: 392965
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.7
 148 64.2 32.1 96.3

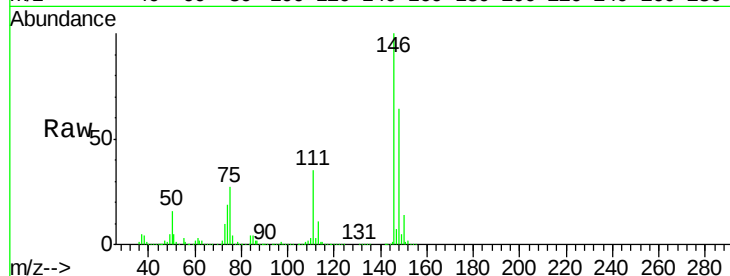




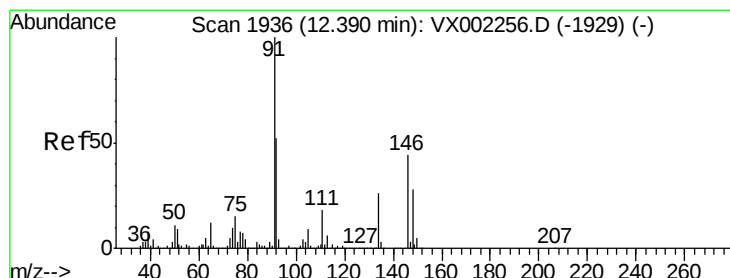
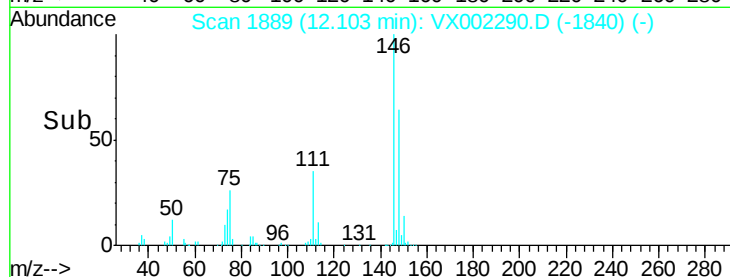
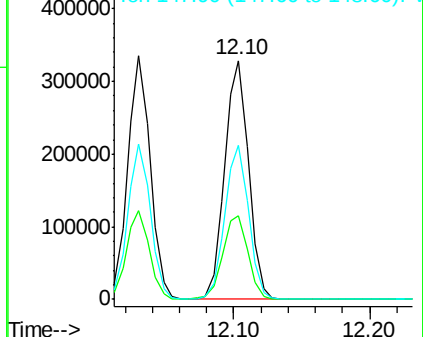
#88
 1,4-Dichlorobenzene
 Concen: 48.52 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	64.2	32.4	97.0

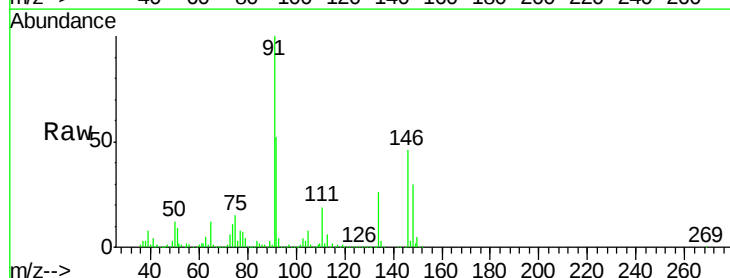


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

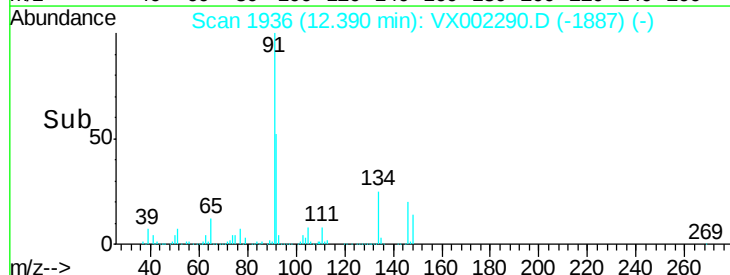
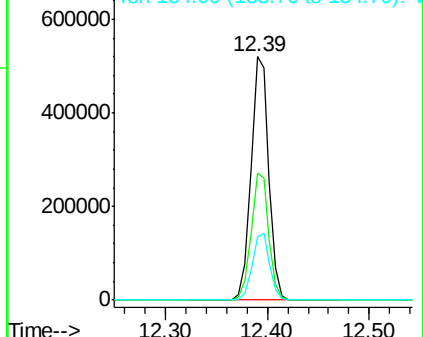


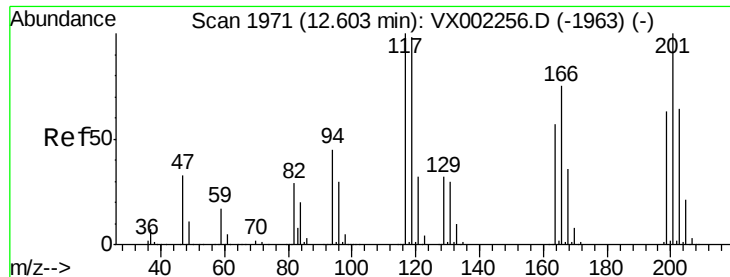
#89
 n-Butylbenzene
 Concen: 52.99 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	27.2	13.5	40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

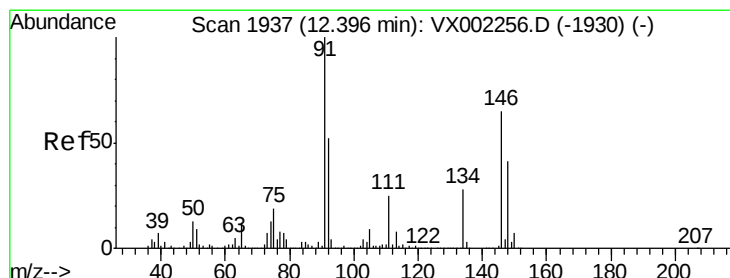
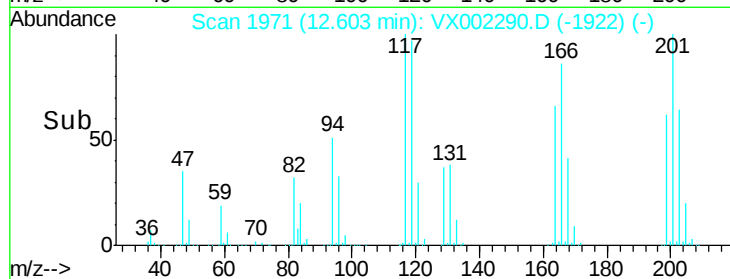
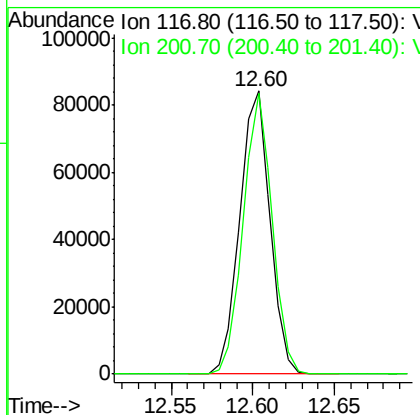
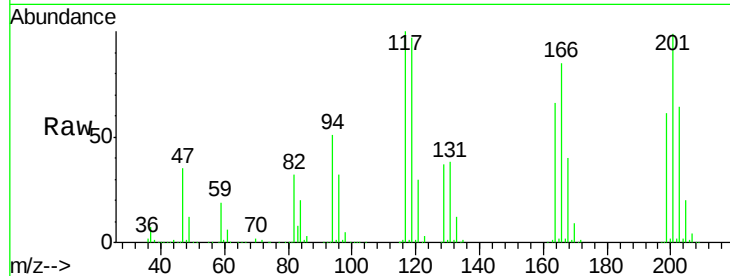




#90
Hexachloroethane
Concen: 47.94 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

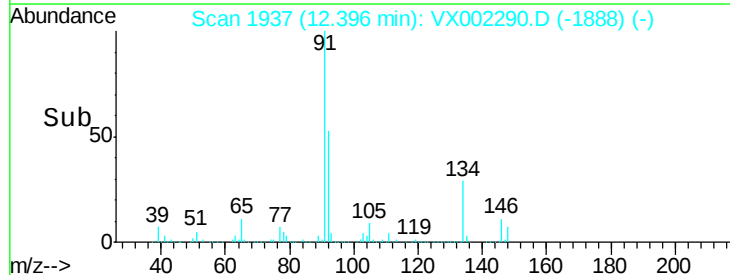
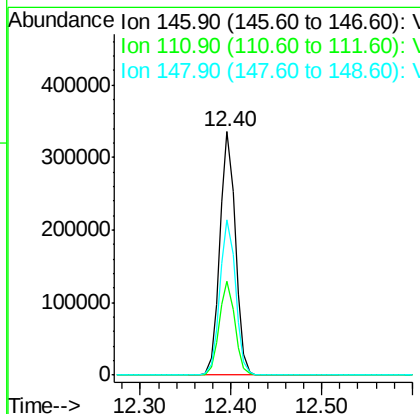
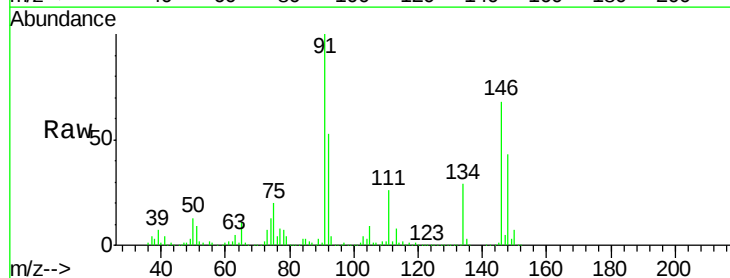
Instrument :
MSVOA_X
ClientSampleId :

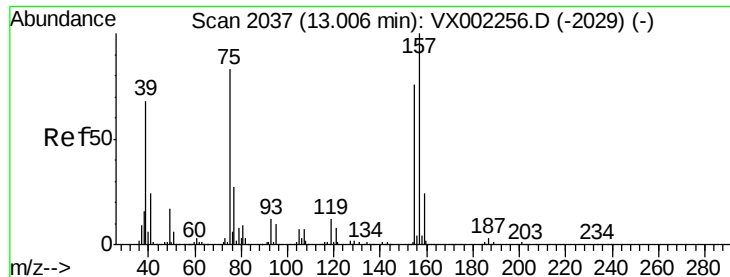
Tot Ion:117 Resp: 108670
Ion Ratio Lower Upper
117 100
201 95.3 49.0 147.0



#91
1,2-Dichlorobenzene
Concen: 48.70 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:146 Resp: 402714
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.1
148 64.4 31.7 95.1

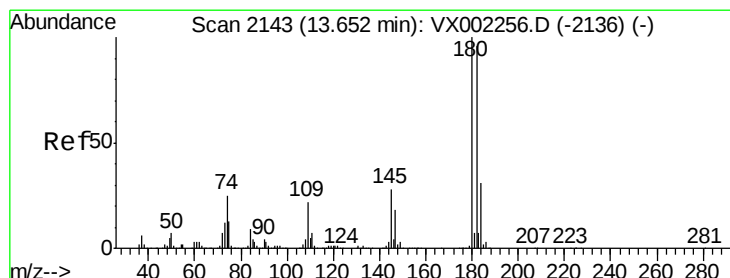
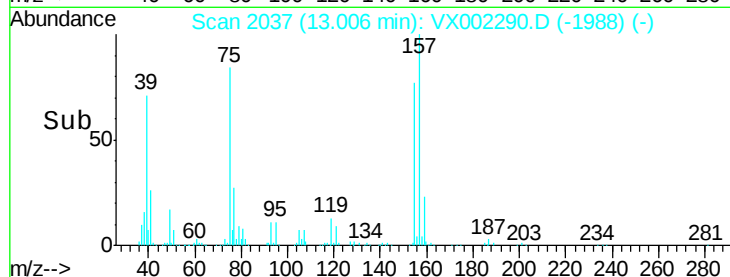
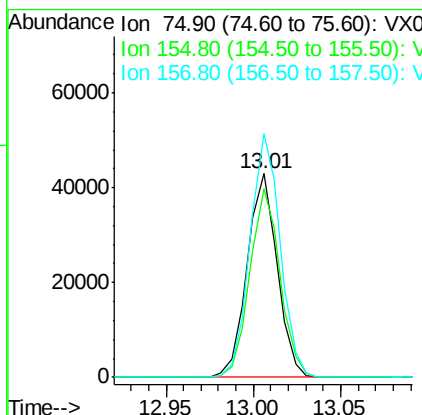
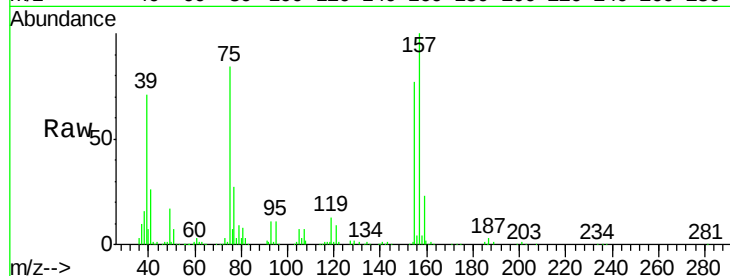




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.82 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

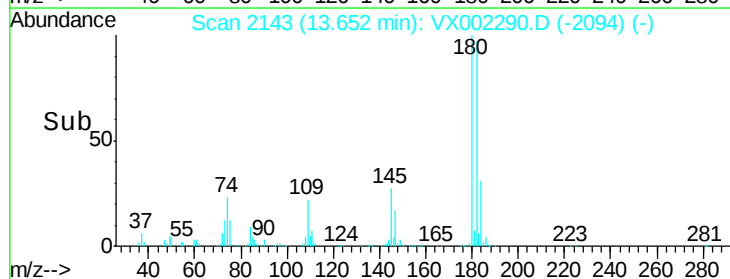
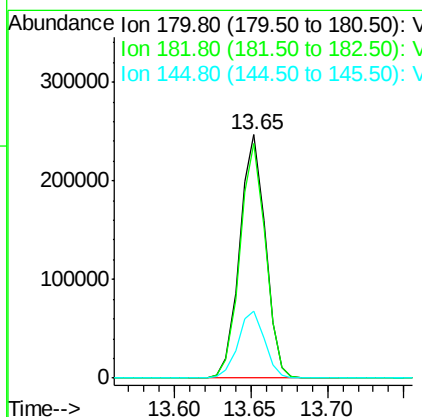
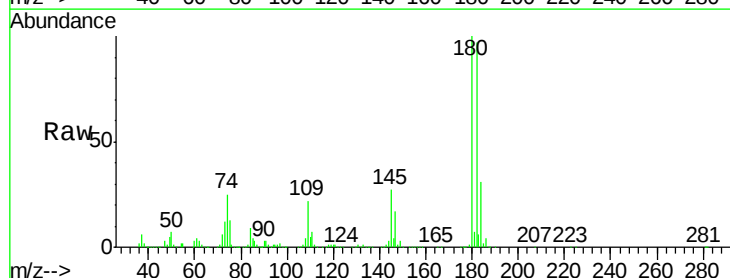
Instrument :
 MSVOA_X
 ClientSampleId :

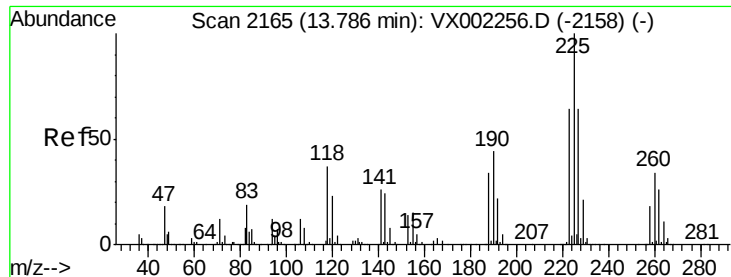
Tot Ion: 75 Resp: 51273
 Ion Ratio Lower Upper
 75 100
 155 92.6 45.8 137.4
 157 119.9 60.1 180.3



#93
 1,2,4-Trichlorobenzene
 Concen: 49.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 180 Resp: 286772
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.7 143.1
 145 28.2 14.1 42.4





#94

Hexachlorobutadiene

Concen: 51.53 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

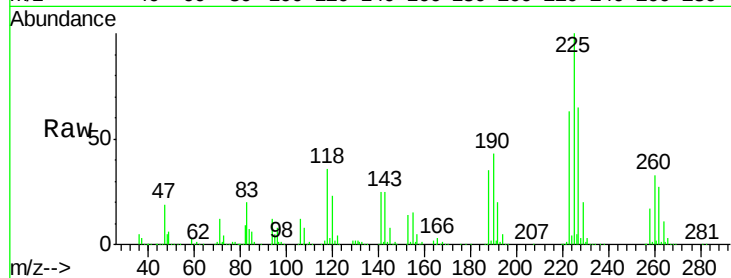
Tot Ion:225 Resp: 147642

Ion Ratio Lower Upper

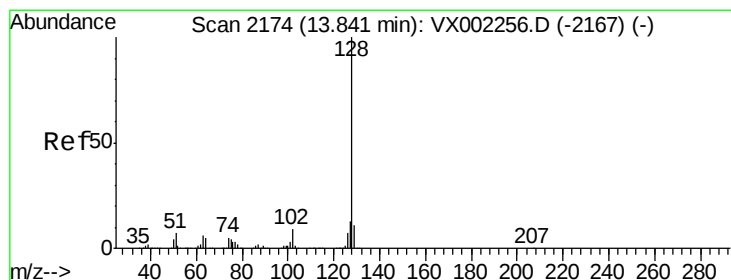
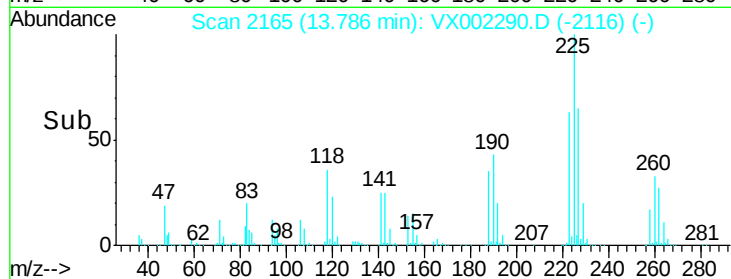
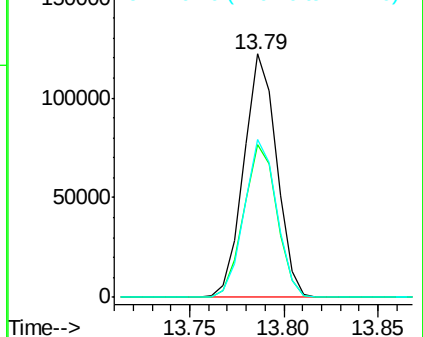
225 100

223 63.5 31.6 95.0

227 64.2 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.65 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

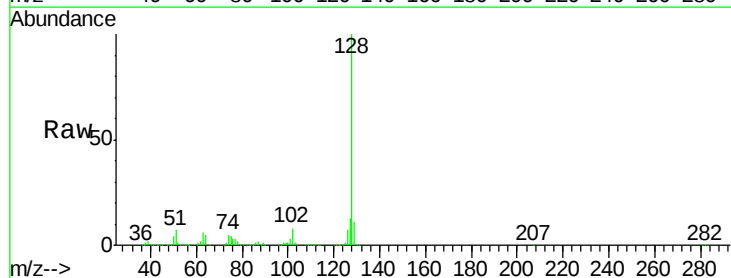
Tgt Ion:128 Resp: 827142

Ion Ratio Lower Upper

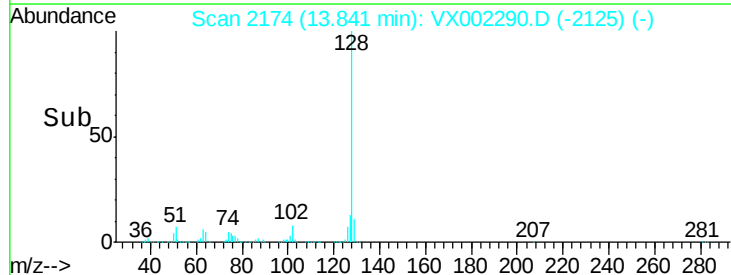
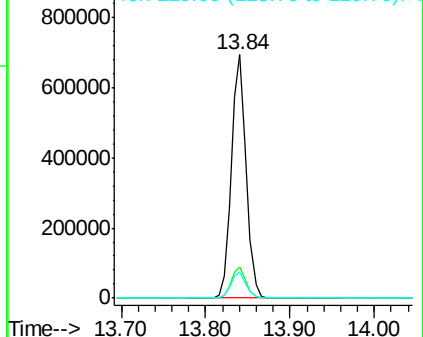
128 100

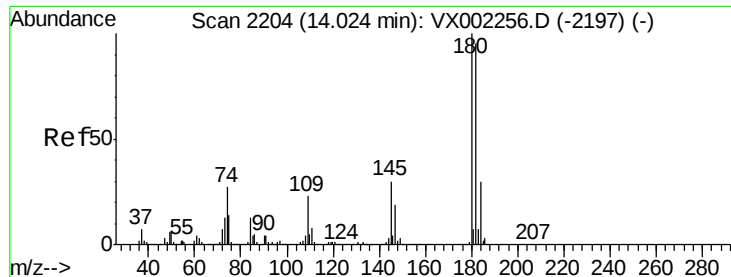
127 13.0 10.4 15.6

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 50.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

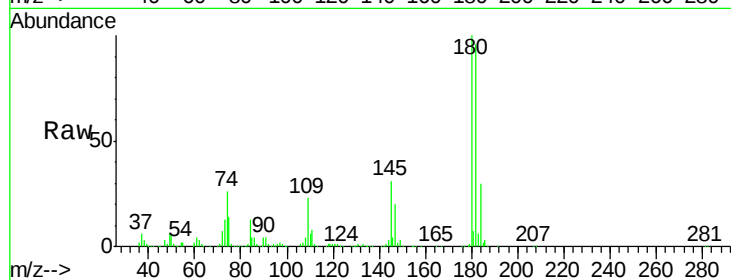
Tot Ion:180 Resp: 295726

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

