

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006709.D
 Acq On : 21 Dec 2018 06:55
 Operator : JC/MD
 Sample : J6517-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 07:51:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	591802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	925066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	840178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416983	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	322976	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
35) Dibromofluoromethane	5.51	113	296955	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
50) Toluene-d8	8.71	98	1104251	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.14	95	399131	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	248669	45.931	ug/l	100
3) Chloromethane	1.33	50	254986	43.716	ug/l	99
4) Vinyl Chloride	1.41	62	294712	48.379	ug/l	97
5) Bromomethane	1.64	94	161151	27.485	ug/l	97
6) Chloroethane	1.72	64	209946	49.774	ug/l	95
7) Trichlorofluoromethane	1.93	101	468937	49.375	ug/l	98
8) Diethyl Ether	2.19	74	187296	49.650	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	269918	48.403	ug/l	100
10) Methyl Iodide	2.51	142	258012	32.322	ug/l	100
11) Tert butyl alcohol	3.08	59	351894	247.214	ug/l	96
12) 1,1-Dichloroethene	2.37	96	260628	49.291	ug/l	97
13) Acrolein	2.30	56	201020	209.339	ug/l	99
14) Allyl chloride	2.73	41	425239	47.778	ug/l	100
15) Acrylonitrile	3.15	53	827743	261.905	ug/l	100
16) Acetone	2.45	43	705545	240.772	ug/l	99
17) Carbon Disulfide	2.57	76	605462	43.269	ug/l	98
18) Methyl Acetate	2.78	43	419612	48.698	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	949328	54.094	ug/l	98
20) Methylene Chloride	2.86	84	294722	48.639	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	278996	47.621	ug/l	99
22) Diisopropyl ether	3.87	45	851508	52.296	ug/l	94
23) Vinyl Acetate	3.82	43	3031117	227.586	ug/l	100
24) 1,1-Dichloroethane	3.70	63	475918	48.963	ug/l	99
25) 2-Butanone	4.70	43	1013967	245.996	ug/l	99
26) 2,2-Dichloropropane	4.58	77	237265	31.601	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	326782	50.555	ug/l	96
28) Bromochloromethane	5.02	49	228599	56.015	ug/l	99
29) Tetrahydrofuran	5.15	42	695376	256.142	ug/l	99
30) Chloroform	5.21	83	515908	51.255	ug/l	98
31) Cyclohexane	5.58	56	494459	55.996	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	430067	50.601	ug/l	100
36) 1,1-Dichloropropene	5.80	75	371312	48.464	ug/l	100
37) Ethyl Acetate	4.86	43	369097	46.285	ug/l	98
38) Carbon Tetrachloride	5.78	117	360676	48.439	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	700229	69.420	ug/l	99
40) Benzene	6.15	78	1167164	50.117	ug/l	96
41) Methacrylonitrile	5.06	41	231616	54.707	ug/l	99
42) 1,2-Dichloroethane	6.20	62	384273	48.422	ug/l	92
43) Isopropyl Acetate	6.46	43	598173	49.300	ug/l	99
44) Trichloroethene	7.21	130	334423	47.444	ug/l	97
45) 1,2-Dichloropropane	7.52	63	293810	51.842	ug/l	98
46) Dibromomethane	7.66	93	206768	49.601	ug/l	97
47) Bromodichloromethane	7.90	83	346178	50.019	ug/l	96
48) Methyl methacrylate	7.77	41	360075	58.357	ug/l	94
49) 1,4-Dioxane	7.75	88	132533	817.311	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2019082	261.535	ug/l	99
52) Toluene	8.79	92	756449	50.277	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	363922	49.029	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	406402	49.899	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	310331	50.391	ug/l	99
56) Ethyl methacrylate	9.18	69	476871	54.786	ug/l	95
57) 1,3-Dichloropropane	9.37	76	497983	50.259	ug/l	100
59) 2-Hexanone	9.49	43	1491893	252.571	ug/l	100
60) Dibromochloromethane	9.59	129	303483	47.251	ug/l	98
61) 1,2-Dibromoethane	9.67	107	343461	52.464	ug/l	99
64) Tetrachloroethene	9.34	164	296542	44.573	ug/l	97
65) Chlorobenzene	10.14	112	869007	48.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	297417	53.631	ug/l	99
67) Ethyl Benzene	10.25	91	1458598	50.218	ug/l	100
68) m/p-Xylenes	10.36	106	1118256	97.570	ug/l	98
69) o-Xylene	10.70	106	551485	48.728	ug/l	98
70) Stvrene	10.71	104	877137	48.988	ug/l	98
71) Bromoform	10.86	173	214792	43.569	ug/l	99
73) Isopropylbenzene	11.02	105	2713769	95.131	ug/l	99
74) N-amyl acetate	10.90	43	501999	49.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	458920	54.093	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	473761	61.136	ug/l	91
77) Bromobenzene	11.26	156	392319	50.869	ug/l	99
78) n-propylbenzene	11.36	91	6896808	219.549	ug/l	100
79) 2-Chlorotoluene	11.42	91	951644	49.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1174558	49.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	96787	39.025	ug/l	95
82) 4-Chlorotoluene	11.51	91	1094871	50.139	ug/l	99
83) tert-Butylbenzene	11.77	119	1296473	55.131	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1203576	48.700	ug/l	100
85) sec-Butylbenzene	11.94	105	1886434	65.428	ug/l	94
86) p-Isopropyltoluene	12.07	119	1296642	51.160	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	689294	49.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	685072	48.079	ug/l	99
89) n-Butylbenzene	12.39	91	1667293	77.298	ug/l #	84
90) Hexachloroethane	12.59	117	263482	65.344	ug/l	73
91) 1,2-Dichlorobenzene	12.39	146	677188	48.704	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	130098	74.112	ug/l	67
93) 1,2,4-Trichlorobenzene	13.65	180	501012	52.237	ug/l	94

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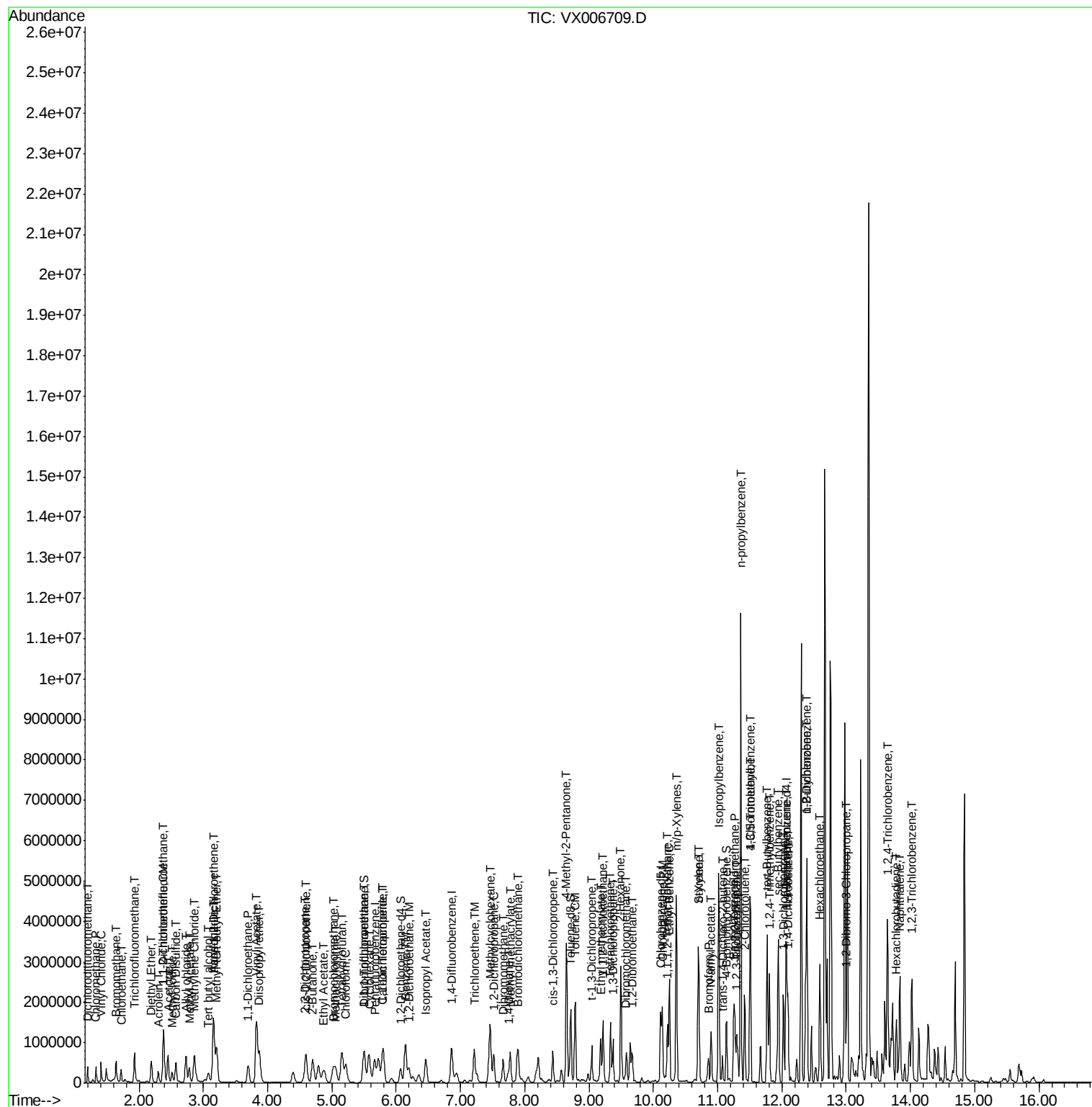
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	232888	51.516	ug/l	98
95) Naphthalene	13.83	128	1630030	53.249	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.02	180	511801	51.683	ug/l	97

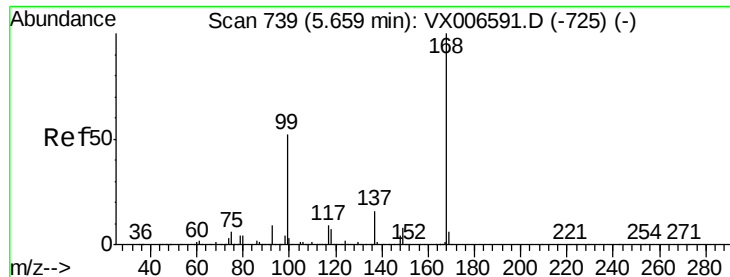
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

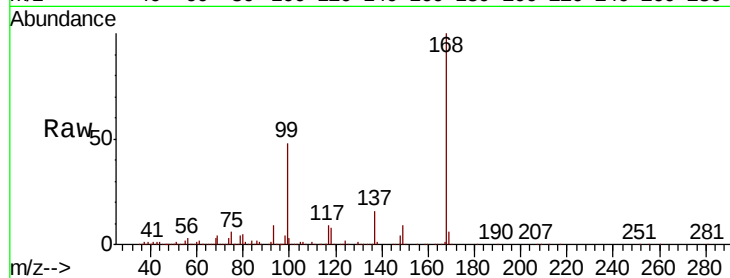
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 591802

Ion Ratio Lower Upper

168 100

99 48.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

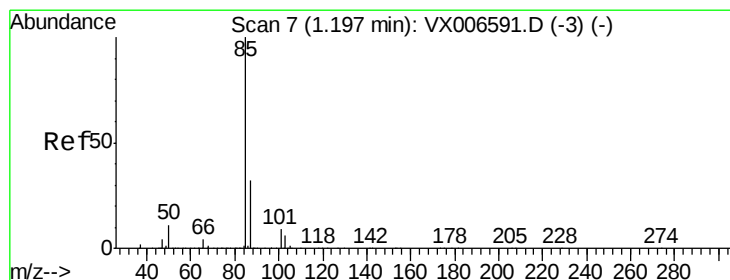
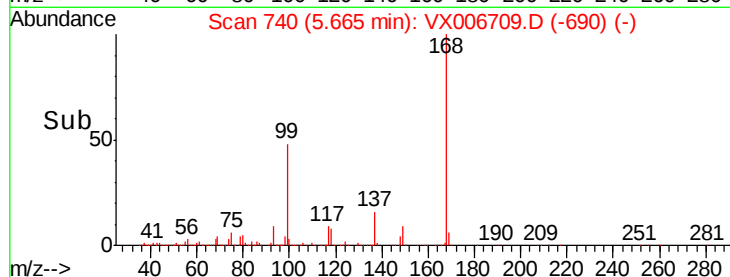
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.931 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006709.D

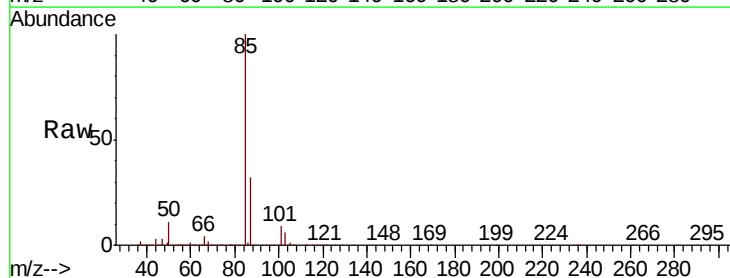
Acq: 21 Dec 2018 06:55

Tgt Ion: 85 Resp: 248669

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

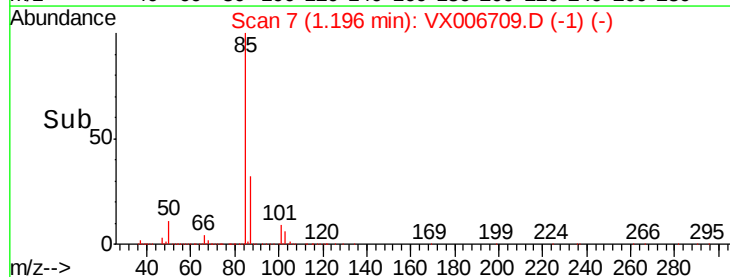
150000

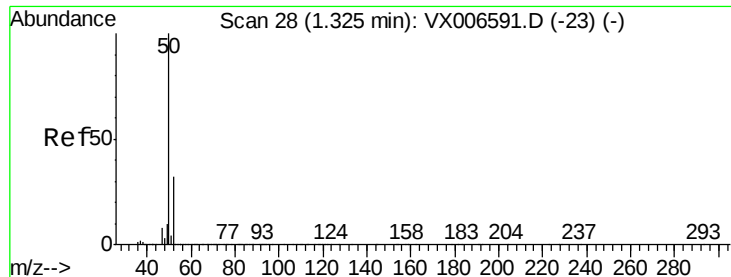
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.716 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

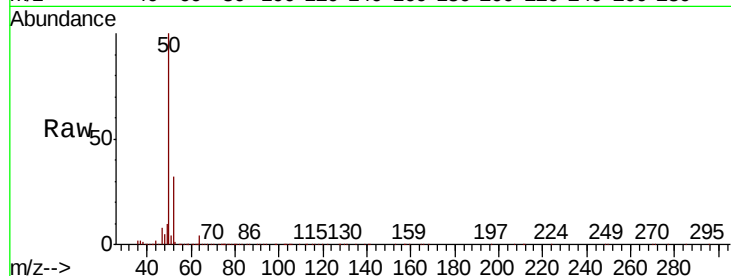
ClientSampleId :

Tot Ion: 50 Resp: 254986

Ion Ratio Lower Upper

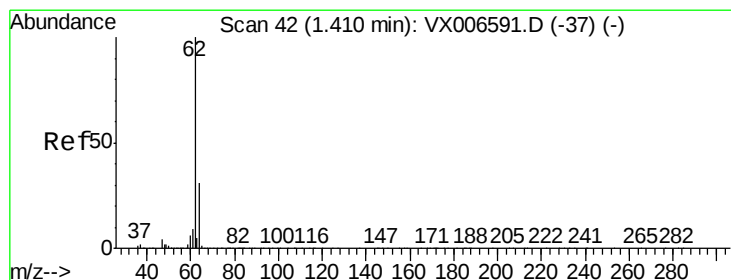
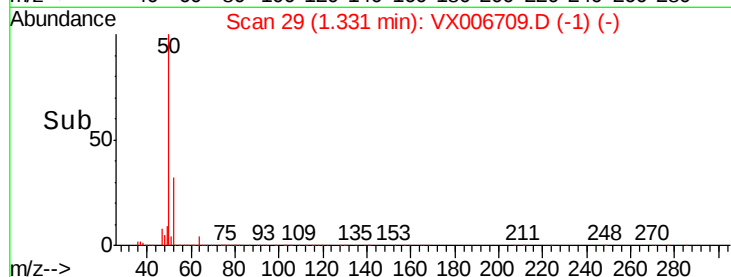
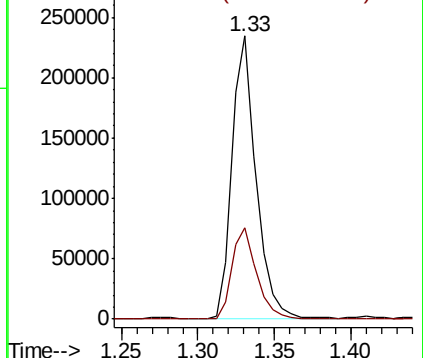
50 100

52 32.2 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.379 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006709.D

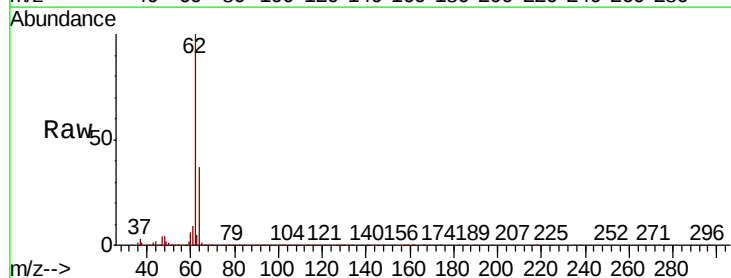
Acq: 21 Dec 2018 06:55

Tgt Ion: 62 Resp: 294712

Ion Ratio Lower Upper

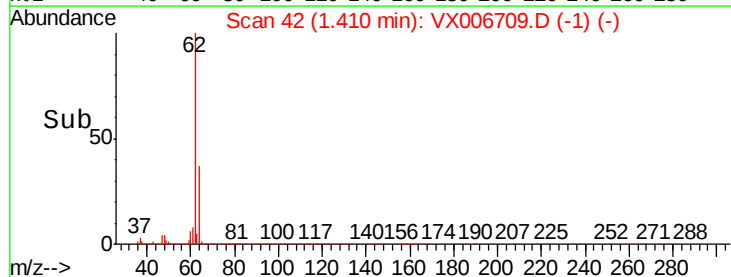
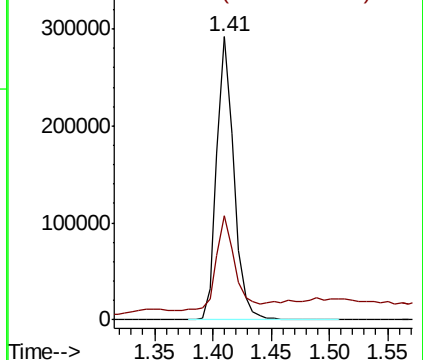
62 100

64 33.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.485 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

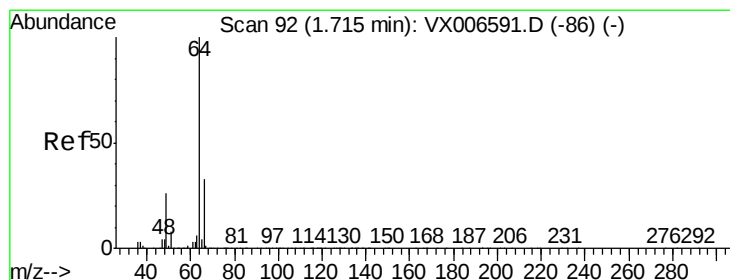
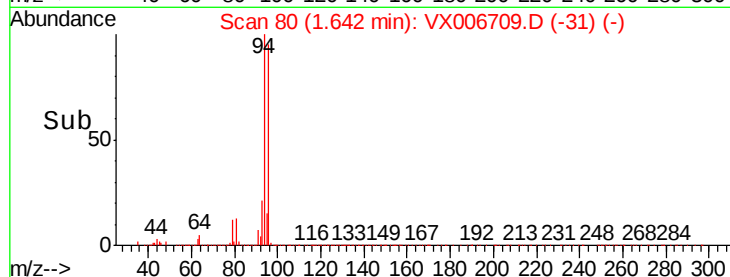
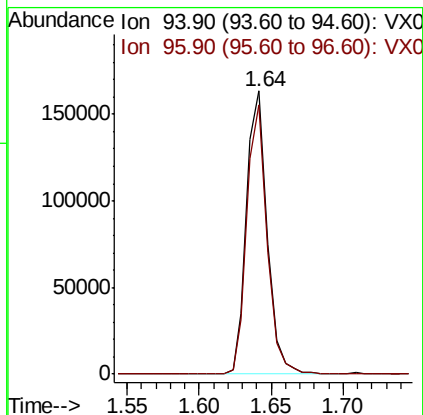
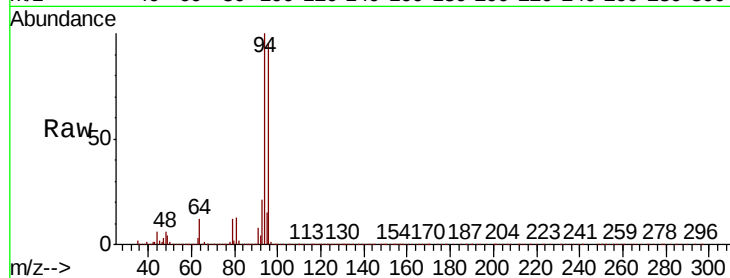
ClientSampleId :

Tot Ion: 94 Resp: 161151

Ion Ratio Lower Upper

94 100

96 95.0 73.4 110.2



#6

Chloroethane

Concen: 49.774 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006709.D

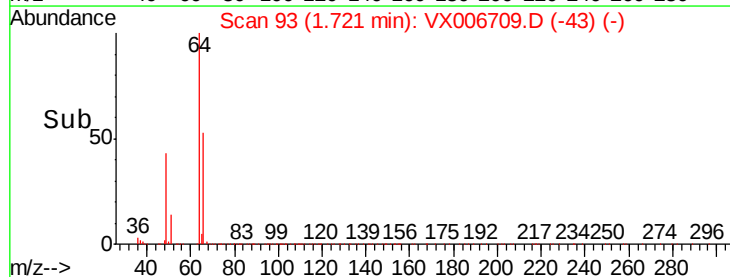
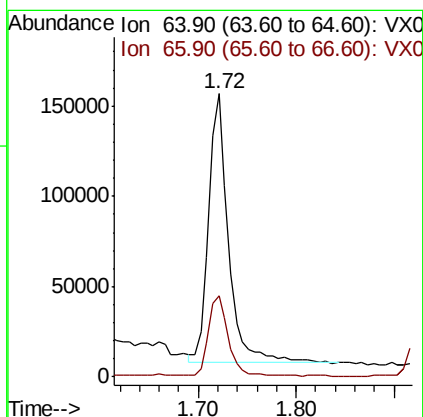
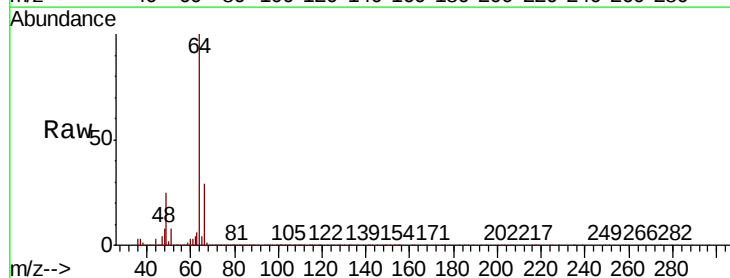
Acq: 21 Dec 2018 06:55

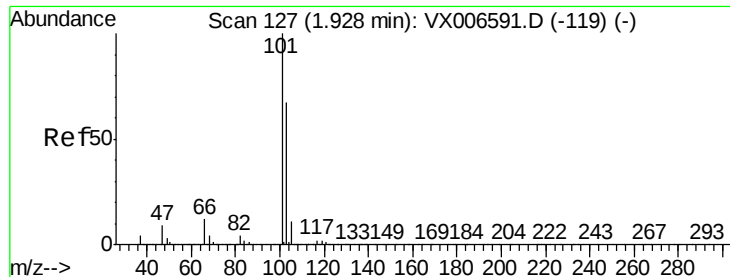
Tgt Ion: 64 Resp: 209946

Ion Ratio Lower Upper

64 100

66 30.1 26.4 39.6



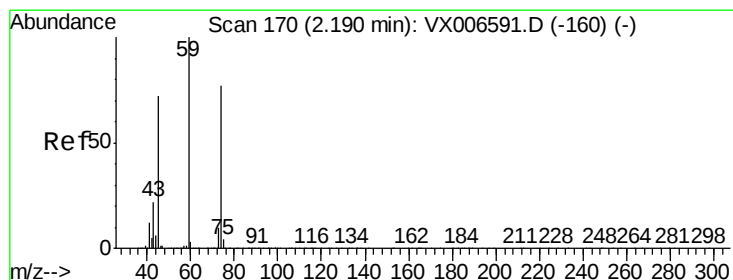
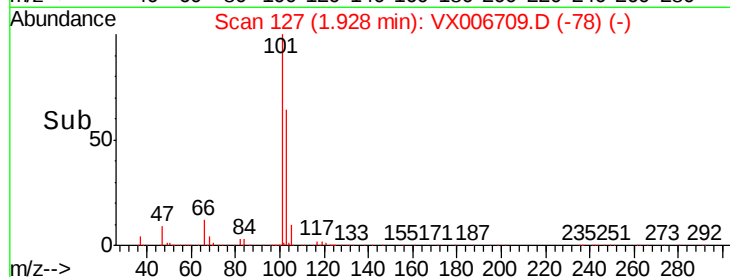
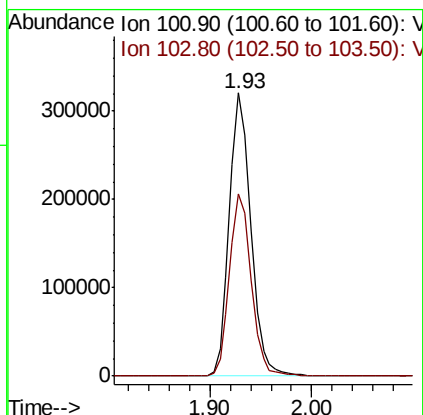
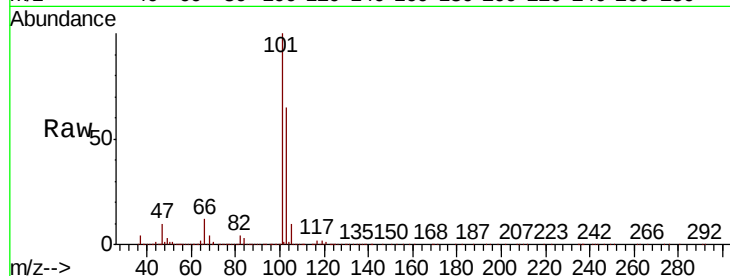


#7

Trichlorofluoromethane
Concen: 49.375 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

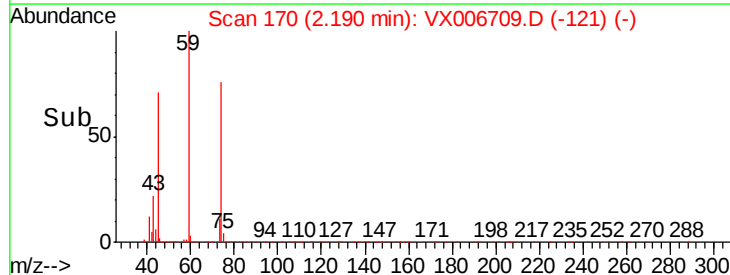
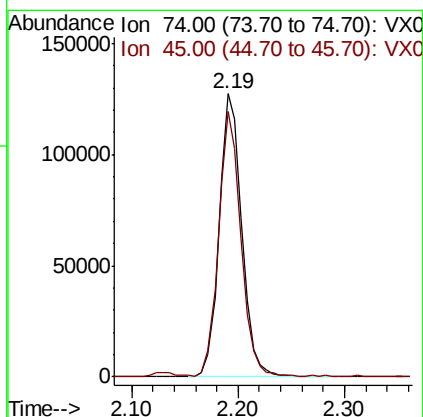
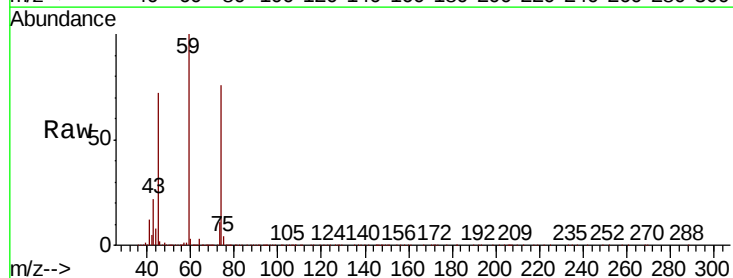
Tot Ion:101 Resp: 468937
Ion Ratio Lower Upper
101 100
103 64.5 53.2 79.8

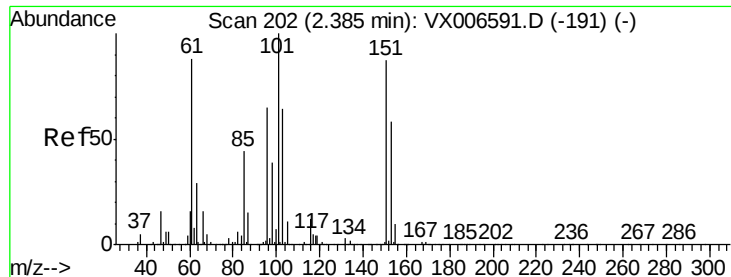


#8

Diethyl Ether
Concen: 49.650 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 74 Resp: 187296
Ion Ratio Lower Upper
74 100
45 92.4 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.403 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

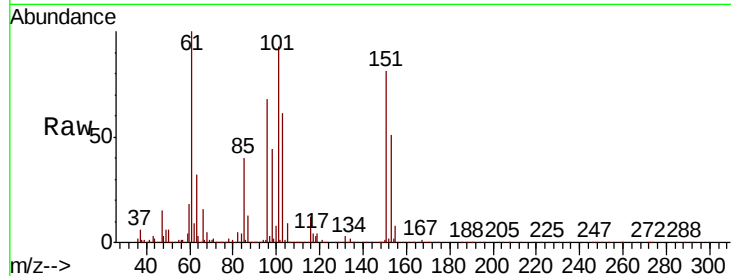
Tot Ion:101 Resp: 269918

Ion Ratio Lower Upper

101 100

85 43.7 35.1 52.7

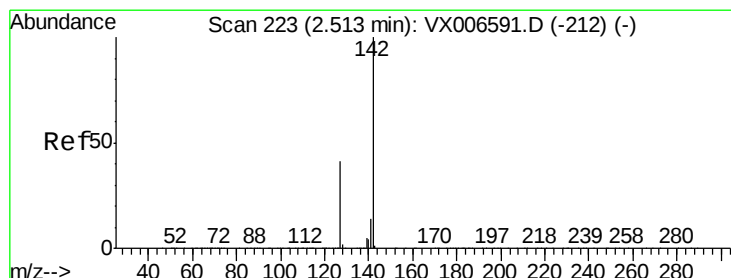
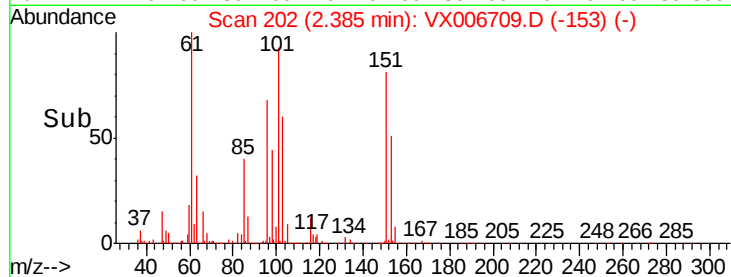
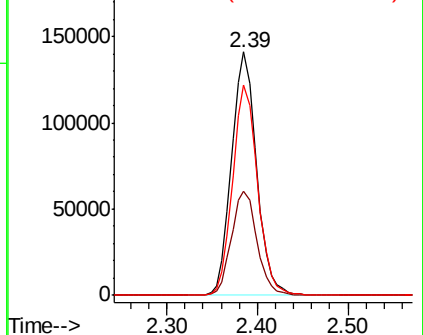
151 86.5 68.9 103.3



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: 32.322 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

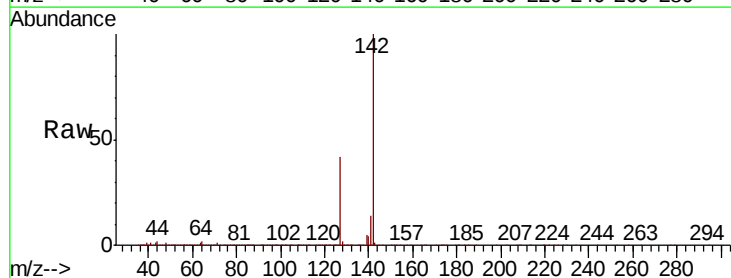
Tgt Ion:142 Resp: 258012

Ion Ratio Lower Upper

142 100

127 42.6 33.9 50.9

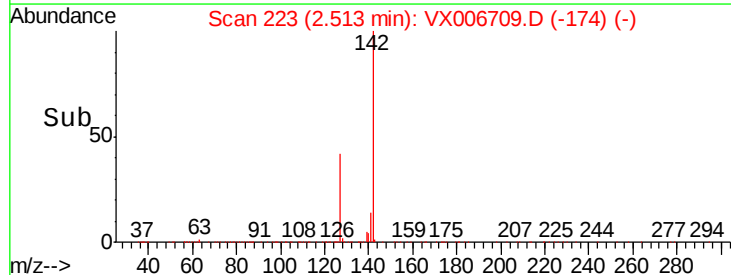
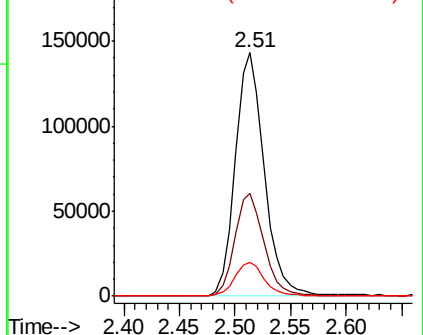
141 14.1 11.4 17.0

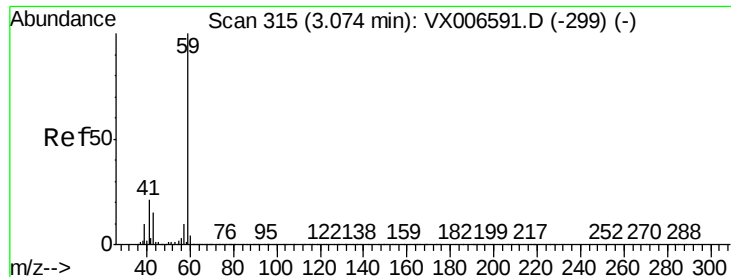


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



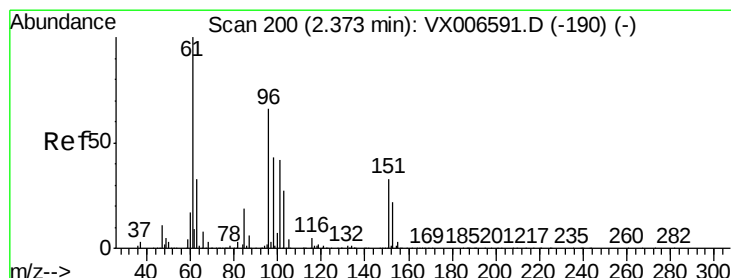
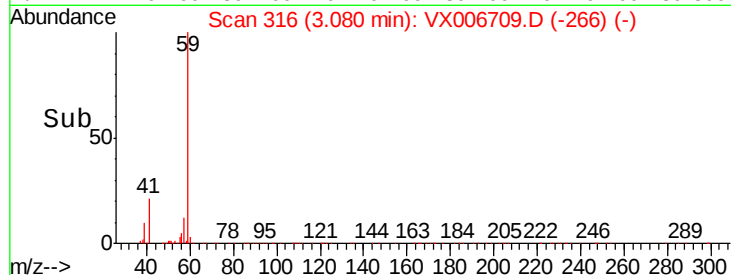
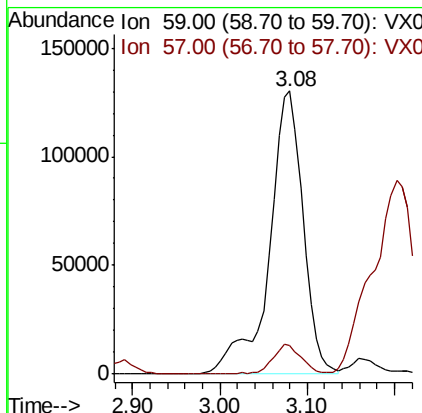
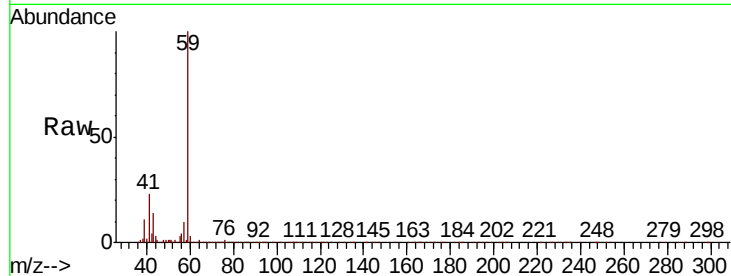


#11

Tert butyl alcohol
Concen: 247.214 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampled :

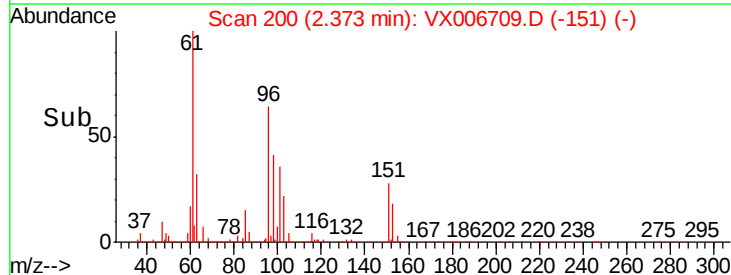
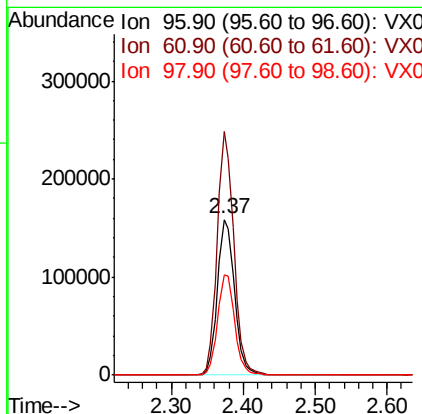
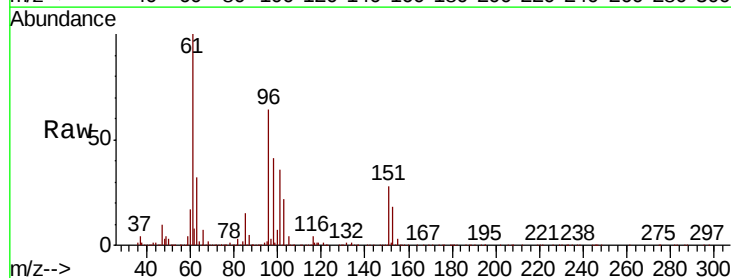
Tot Ion: 59 Resp: 351894
Ion Ratio Lower Upper
59 100
57 9.0 8.5 12.7

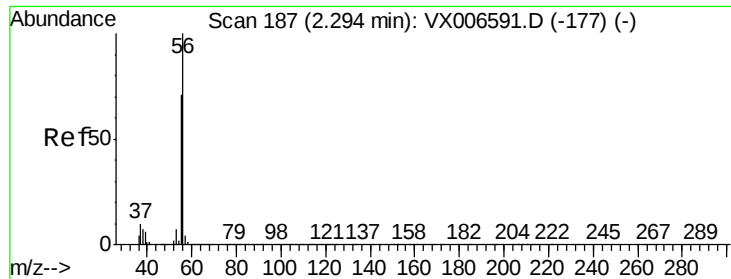


#12

1,1-Dichloroethene
Concen: 49.291 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 96 Resp: 260628
Ion Ratio Lower Upper
96 100
61 156.5 121.4 182.2
98 64.3 51.9 77.9





#13

Acrolein

Concen: 209.339 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

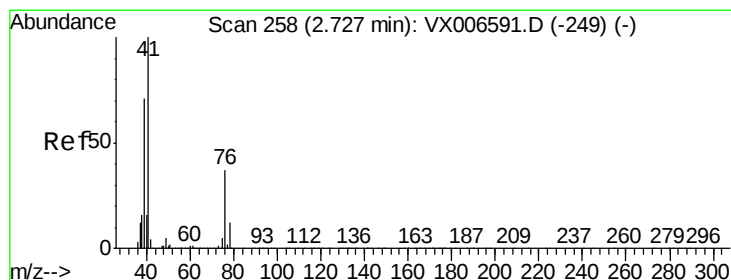
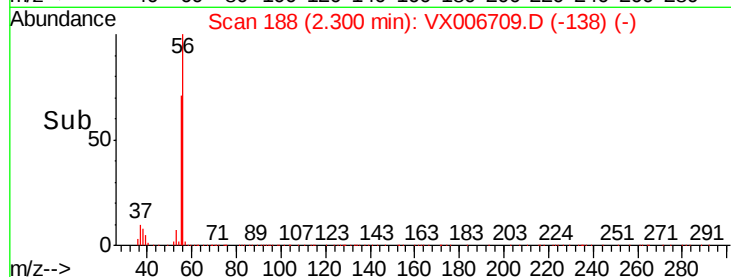
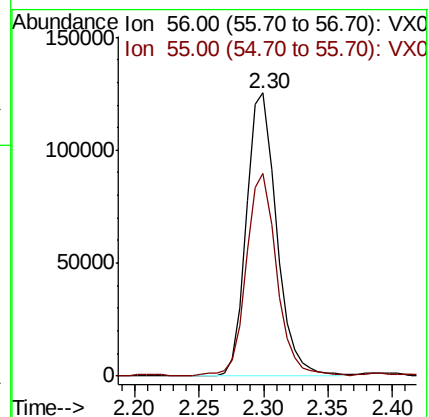
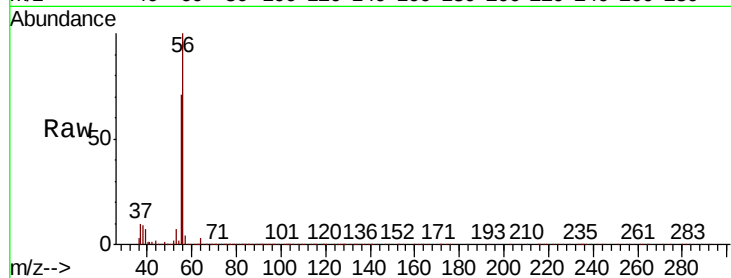
ClientSampled :

Tot Ion: 56 Resp: 201020

Ion Ratio Lower Upper

56 100

55 72.3 58.2 87.4



#14

Allyl chloride

Concen: 47.778 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

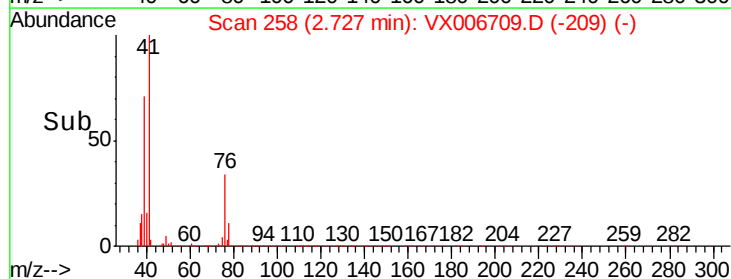
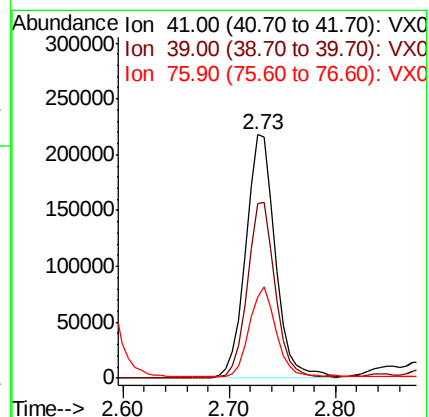
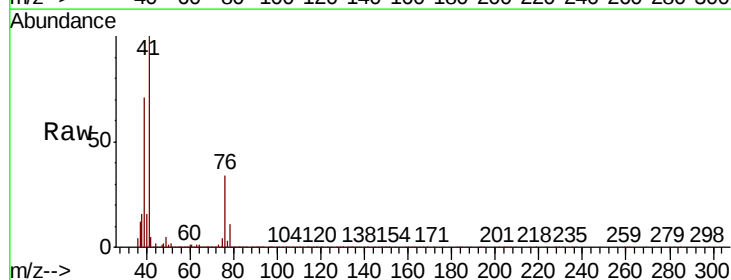
Tgt Ion: 41 Resp: 425239

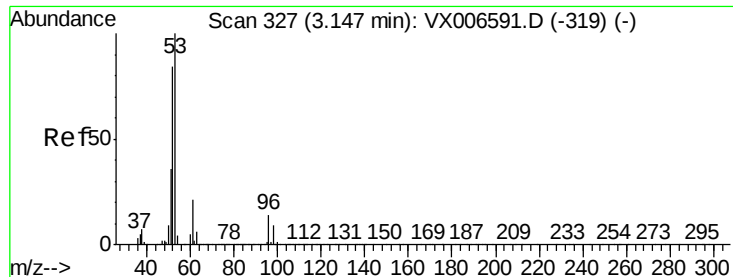
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 34.3 27.4 41.2





#15

Acrylonitrile

Concen: 261.905 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampled :

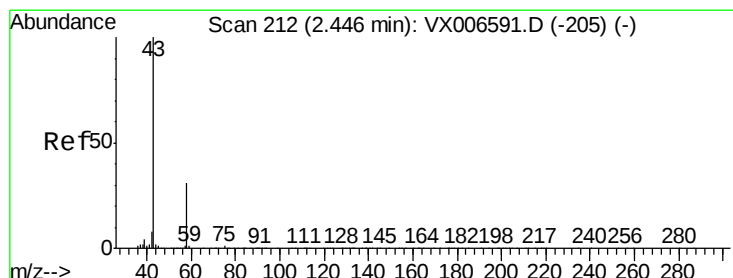
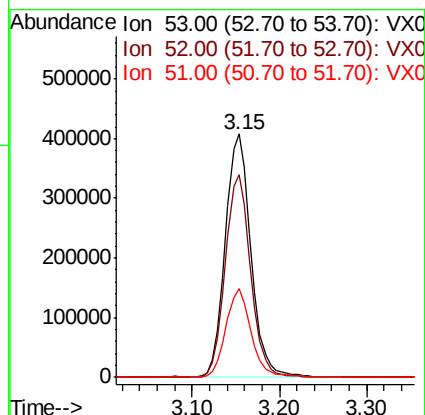
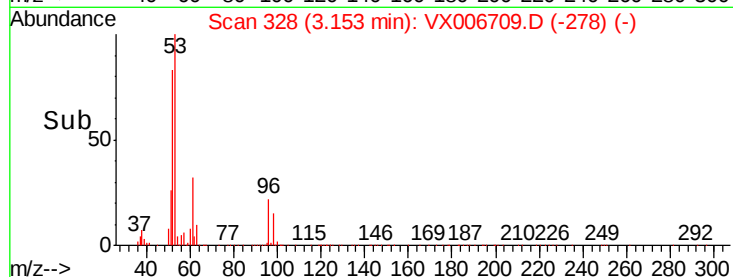
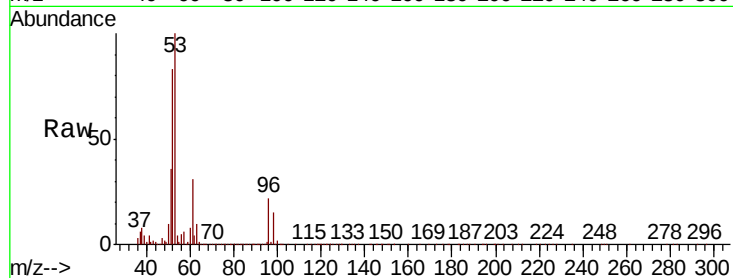
Tot Ion: 53 Resp: 827743

Ion Ratio Lower Upper

53 100

52 82.3 66.0 99.0

51 36.1 28.6 42.8



#16

Acetone

Concen: 240.772 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006709.D

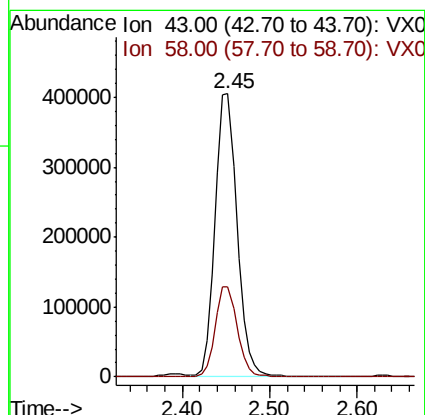
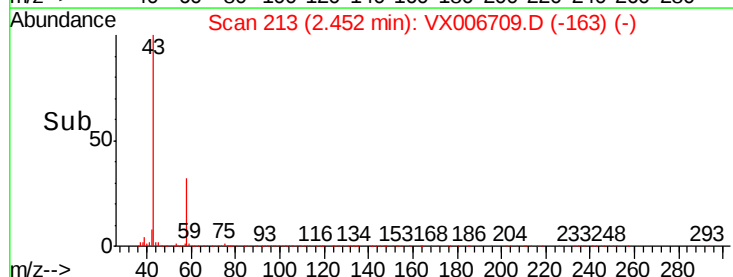
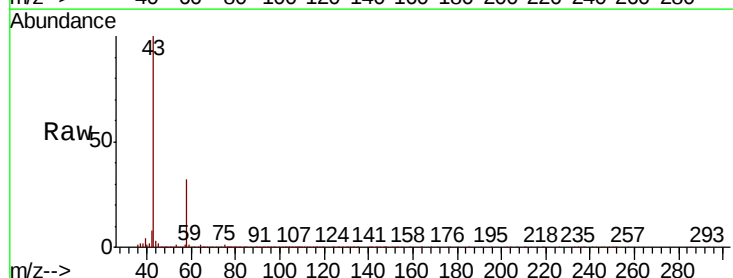
Acq: 21 Dec 2018 06:55

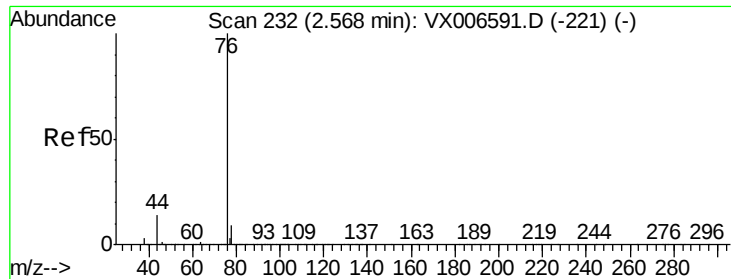
Tgt Ion: 43 Resp: 705545

Ion Ratio Lower Upper

43 100

58 31.8 25.0 37.6





#17

Carbon Disulfide

Concen: 43.269 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

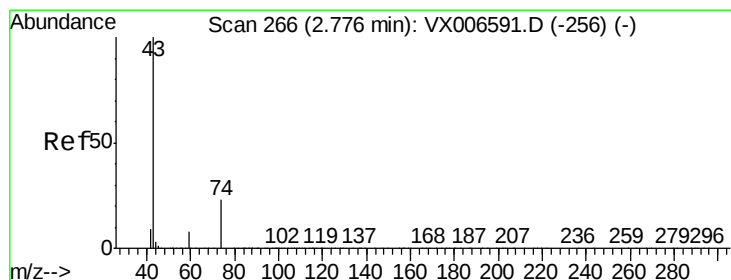
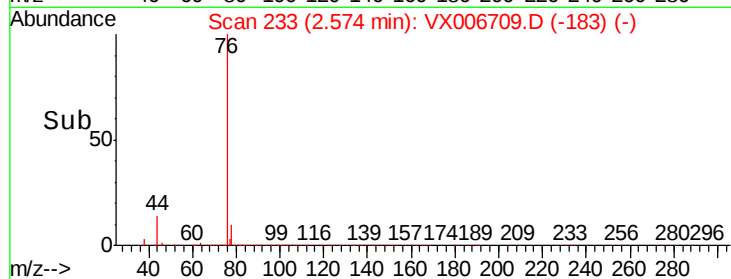
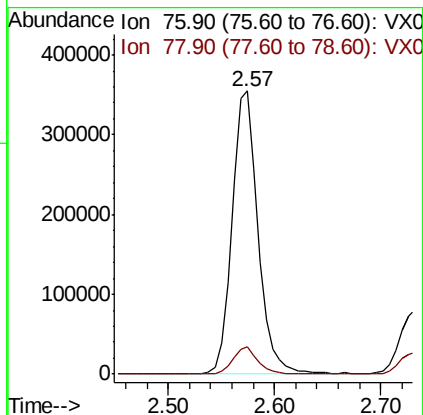
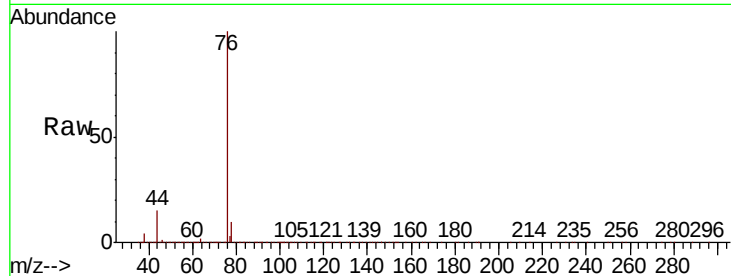
ClientSampleId :

Tot Ion: 76 Resp: 605462

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6



#18

Methyl Acetate

Concen: 48.698 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006709.D

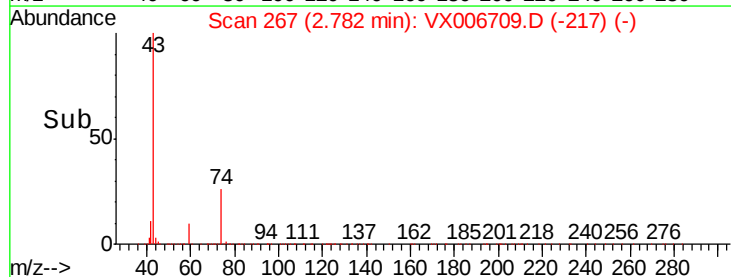
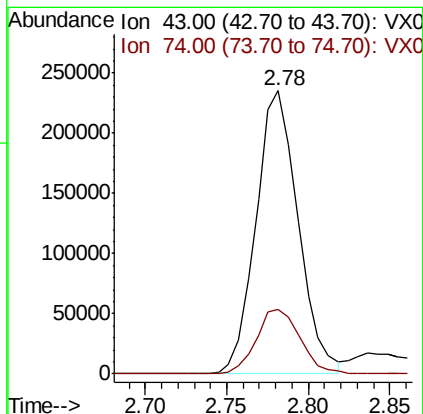
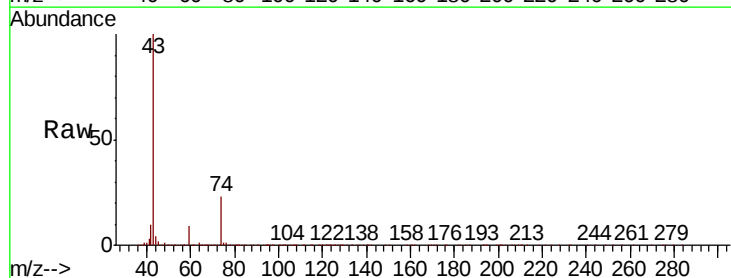
Acq: 21 Dec 2018 06:55

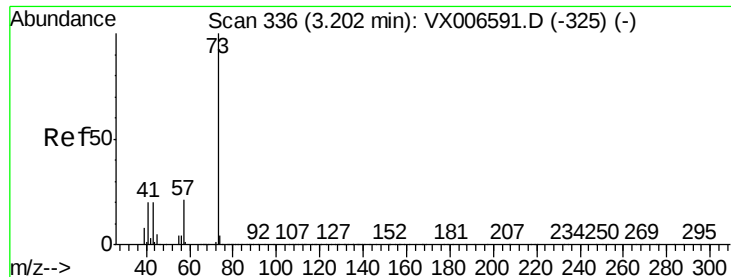
Tgt Ion: 43 Resp: 419612

Ion Ratio Lower Upper

43 100

74 24.5 18.6 28.0



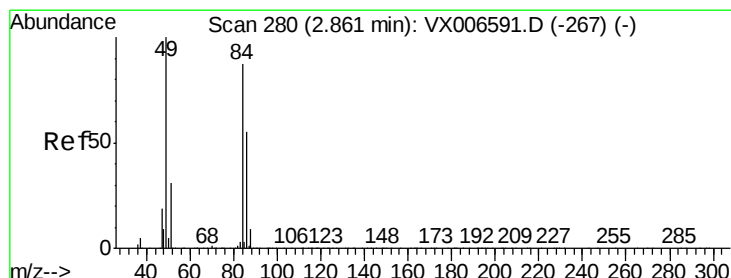
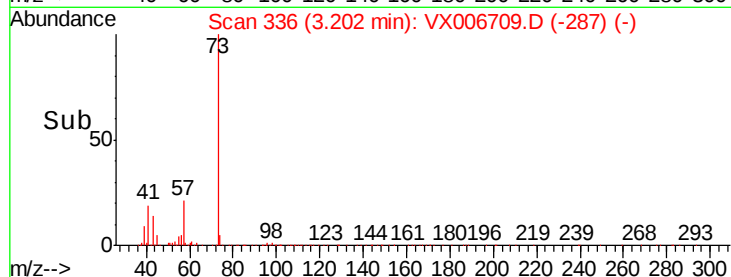
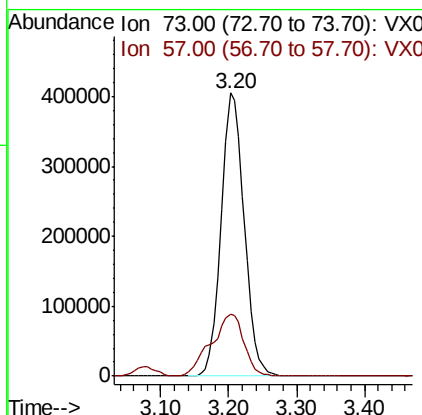
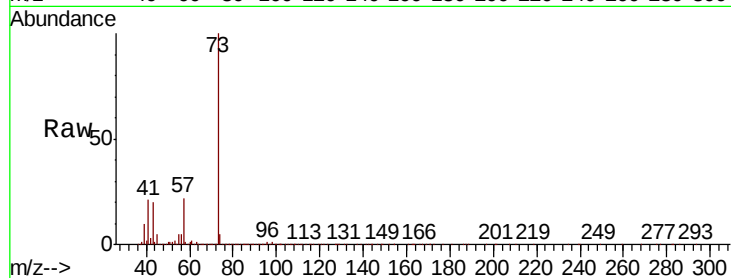


#19

Methyl tert-butyl Ether
 Concen: 54.094 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :

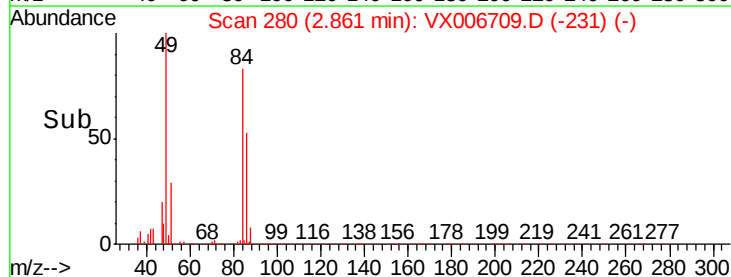
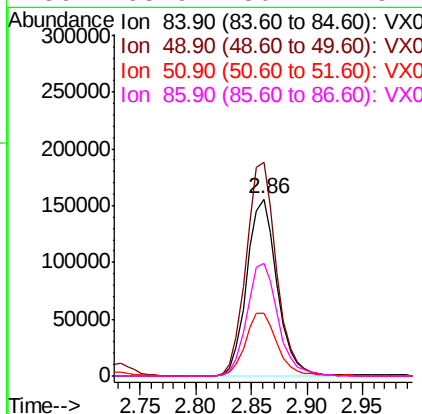
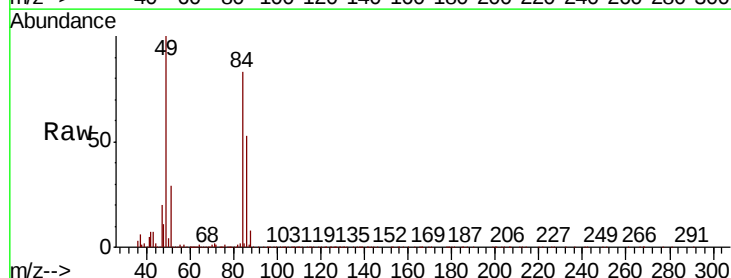
Tot Ion: 73 Resp: 949328
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.8 25.2



#20

Methylene Chloride
 Concen: 48.639 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion: 84 Resp: 294722
 Ion Ratio Lower Upper
 84 100
 49 120.9 91.8 137.6
 51 35.4 28.5 42.7
 86 63.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.621 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

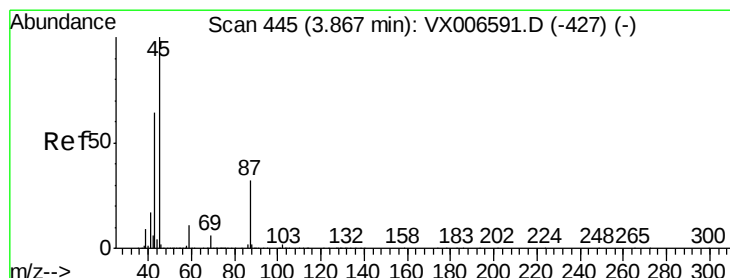
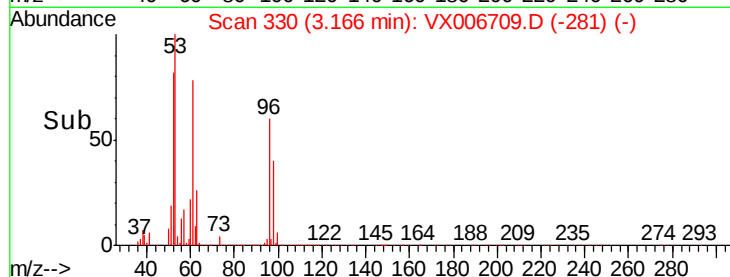
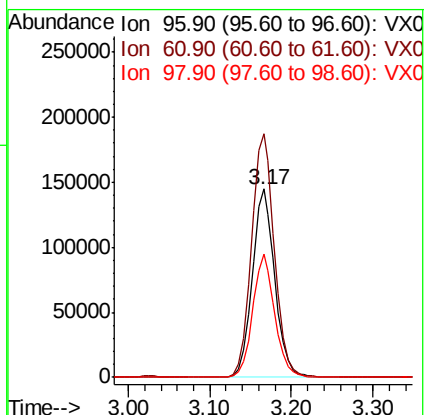
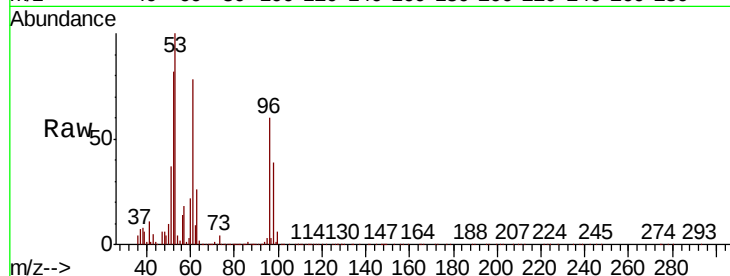
Tot Ion: 96 Resp: 278996

Ion Ratio Lower Upper

96 100

61 129.1 103.7 155.5

98 65.8 51.0 76.6



#22

Diisopropyl ether

Concen: 52.296 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion: 45 Resp: 851508

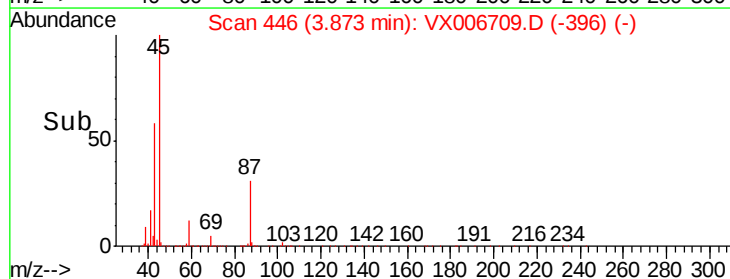
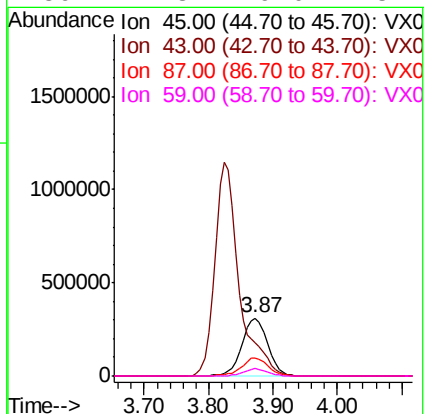
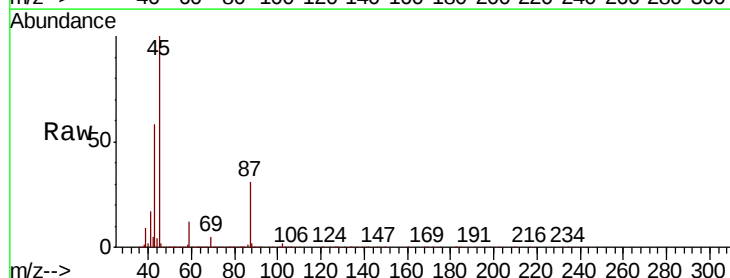
Ion Ratio Lower Upper

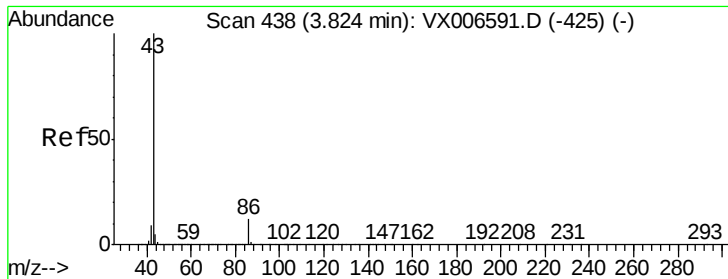
45 100

43 57.9 51.2 76.8

87 30.6 25.8 38.6

59 12.3 9.0 13.4





#23

Vinyl Acetate

Concen: 227.586 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

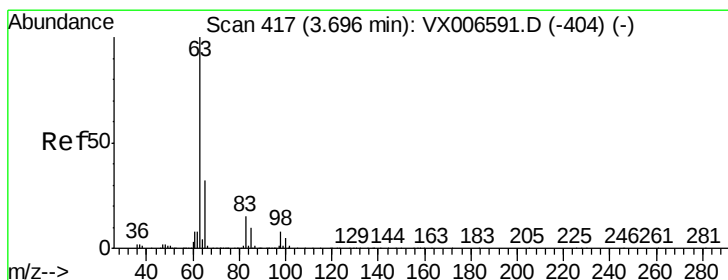
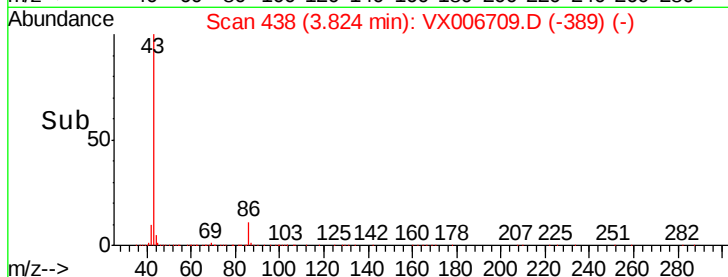
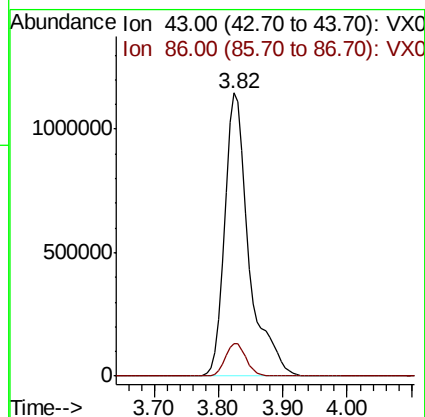
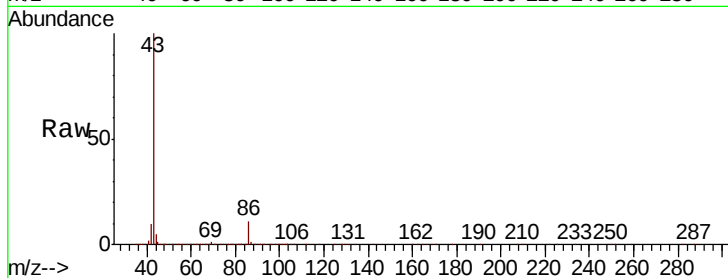
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3031117

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



#24

1,1-Dichloroethane

Concen: 48.963 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

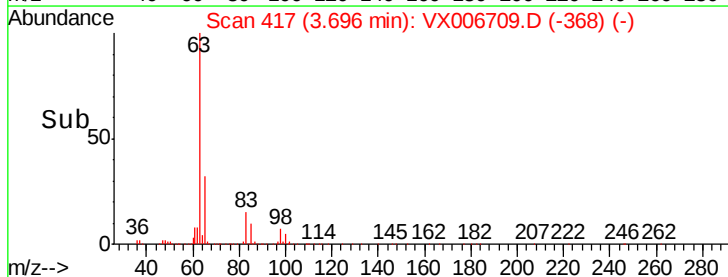
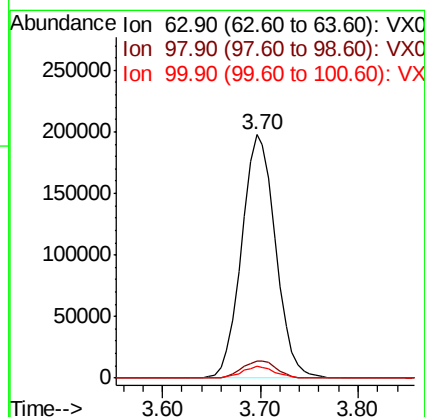
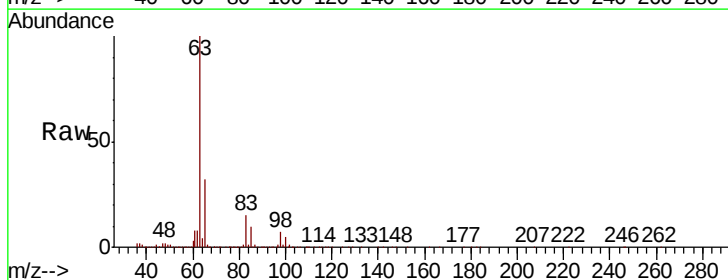
Tgt Ion: 63 Resp: 475918

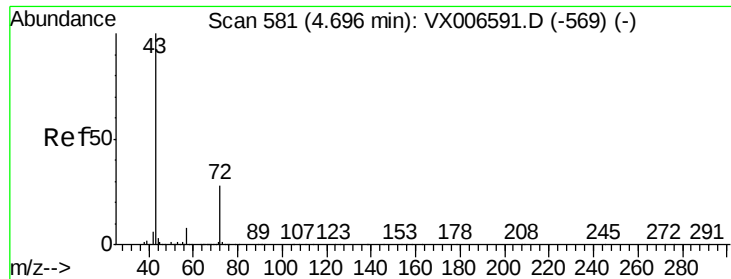
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 245.996 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

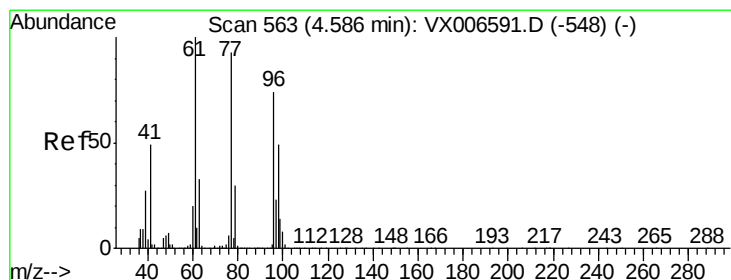
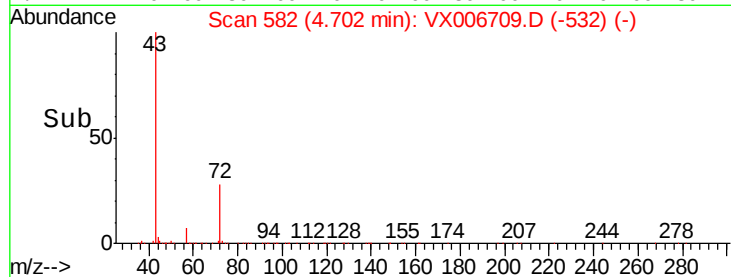
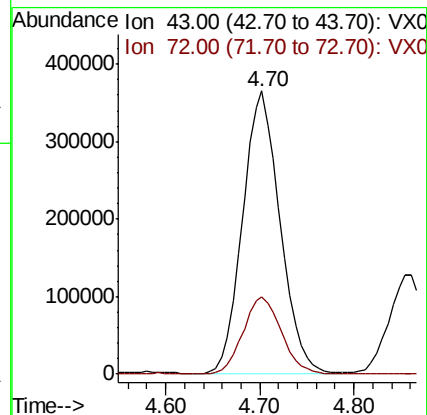
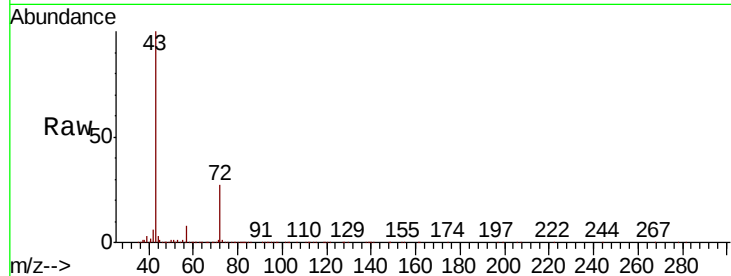
ClientSampleId :

Tot Ion: 43 Resp: 1013967

Ion Ratio Lower Upper

43 100

72 27.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 31.601 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006709.D

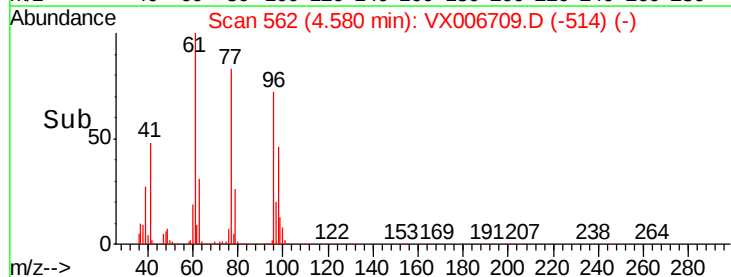
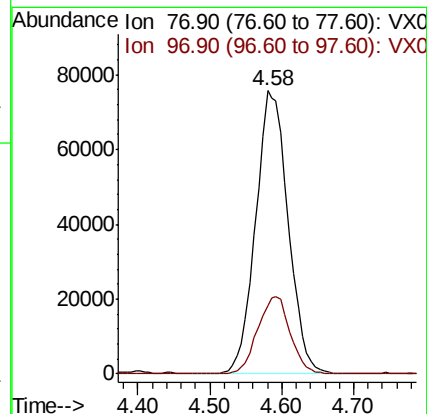
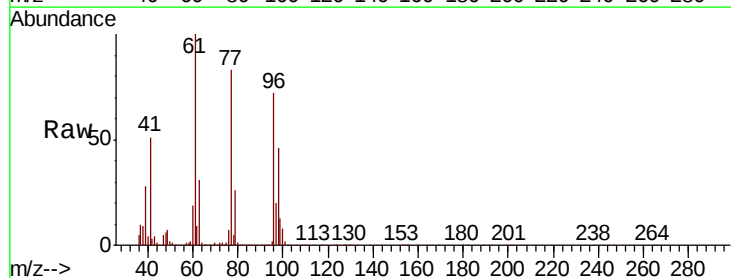
Acq: 21 Dec 2018 06:55

Tgt Ion: 77 Resp: 237265

Ion Ratio Lower Upper

77 100

97 27.3 12.4 37.4



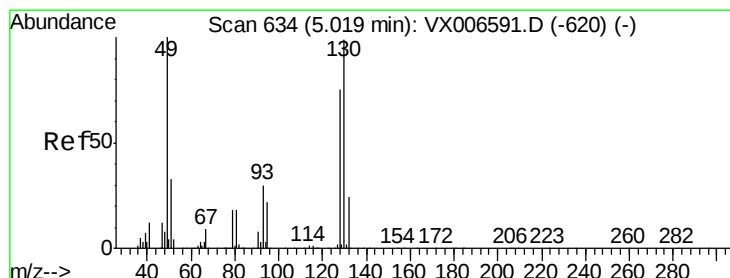
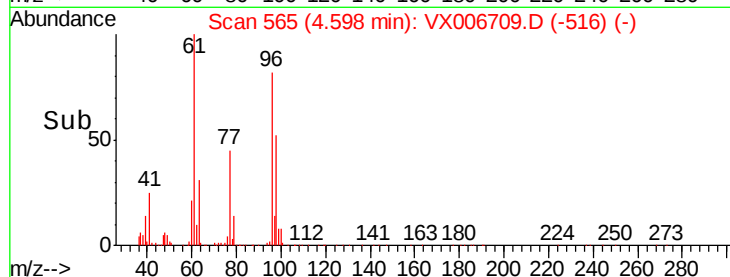
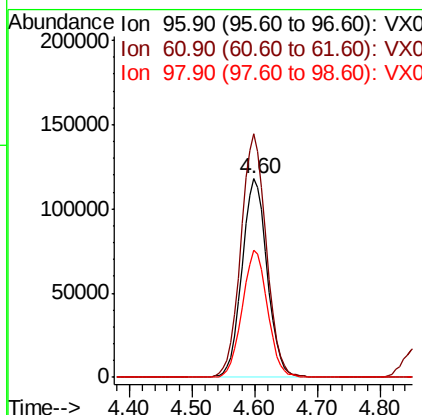
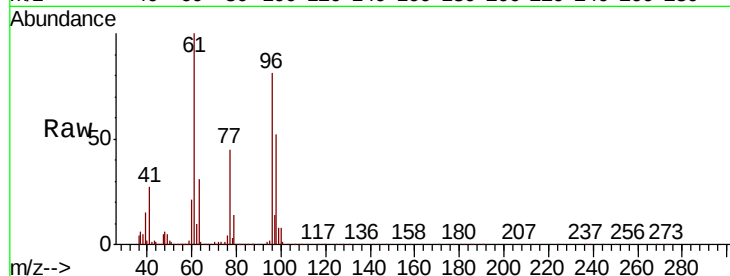


#27

cis-1,2-Dichloroethene
 Concen: 50.555 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :

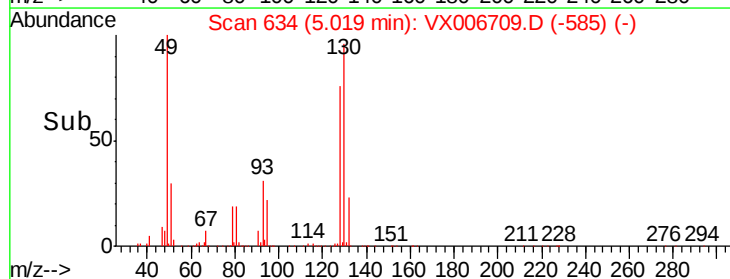
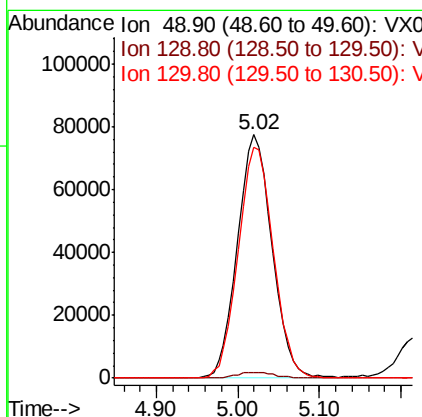
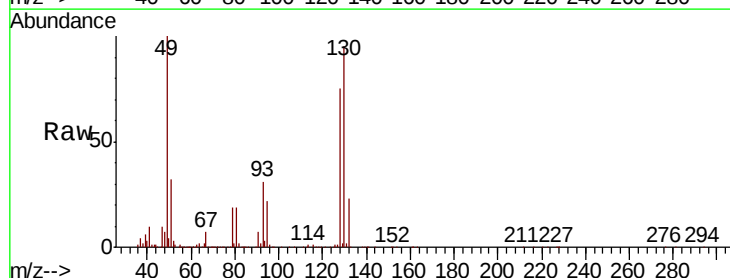
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	258.6
98	64.5	0.0	132.0

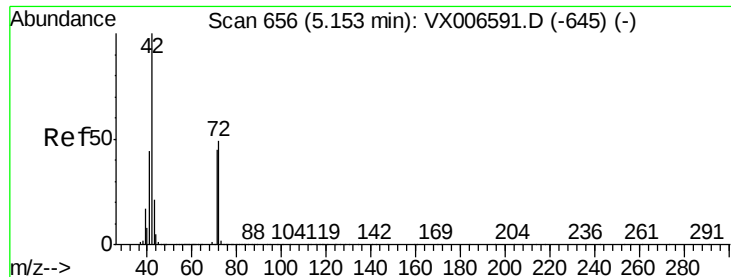


#28

Bromochloromethane
 Concen: 56.015 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	96.3	77.7	116.5





#29

Tetrahydrofuran

Concen: 256.142 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

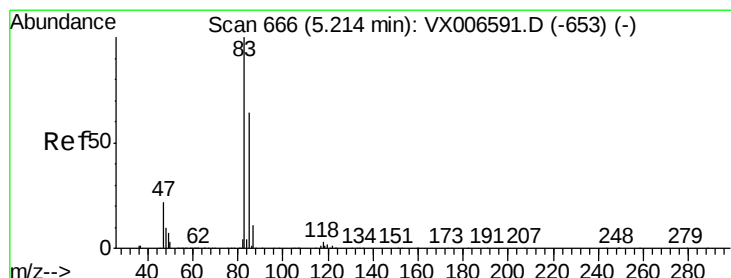
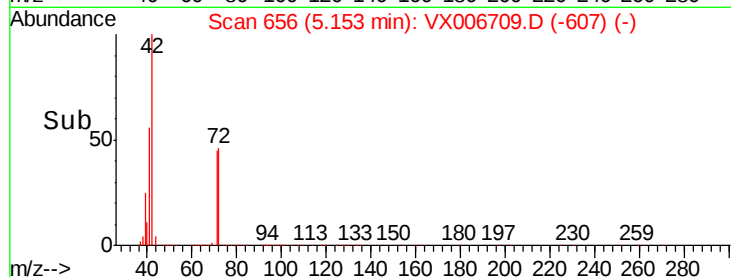
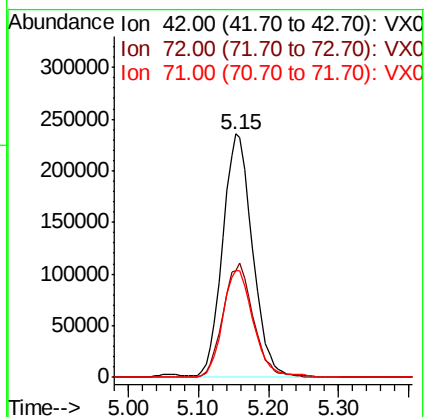
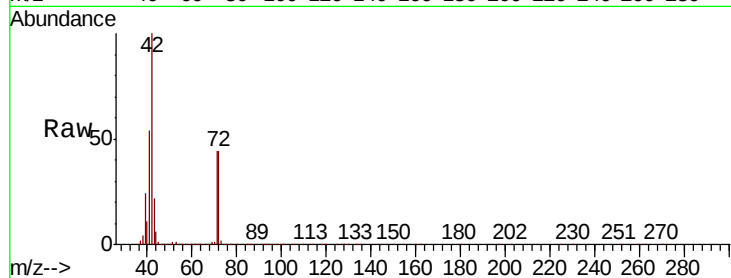
Tot Ion: 42 Resp: 695376

Ion Ratio Lower Upper

42 100

72 47.6 38.9 58.3

71 45.9 36.2 54.4



#30

Chloroform

Concen: 51.255 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006709.D

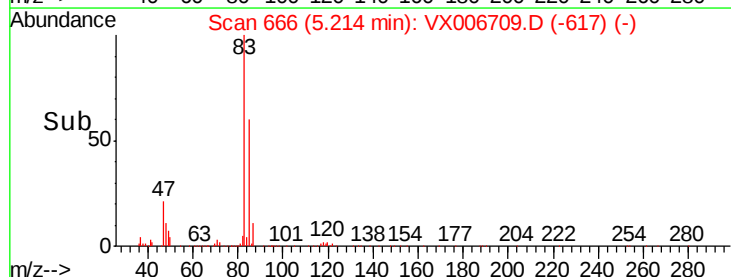
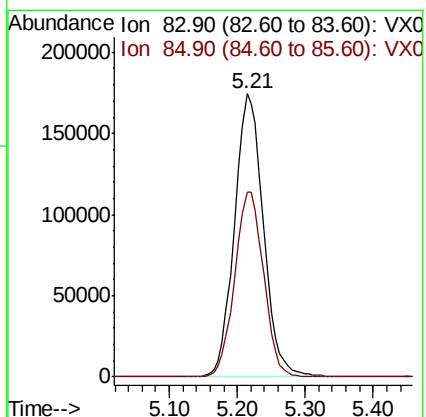
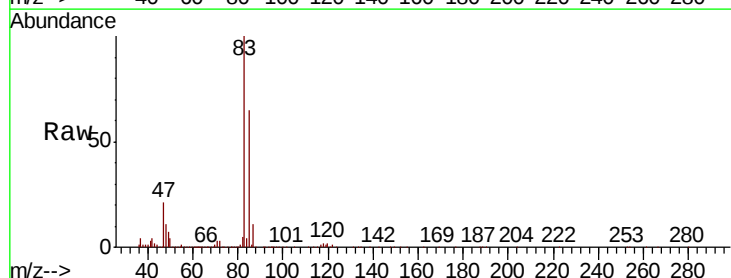
Acq: 21 Dec 2018 06:55

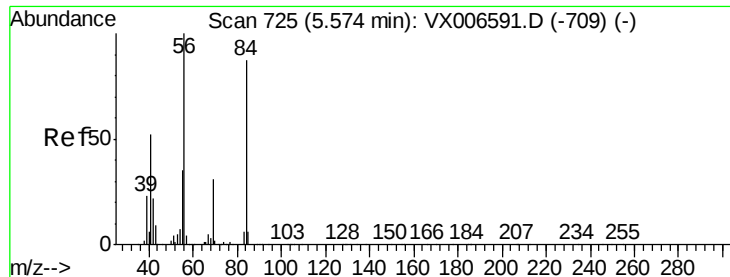
Tgt Ion: 83 Resp: 515908

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8





#31

Cvclohexane

Concen: 55.996 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampled :

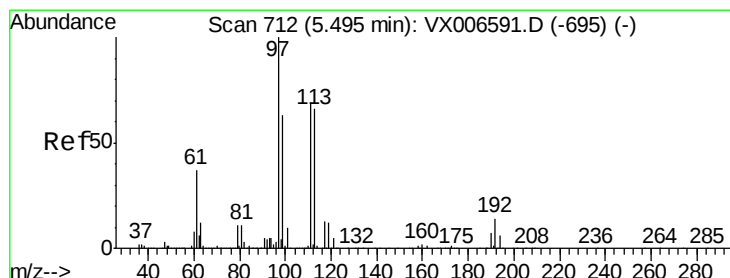
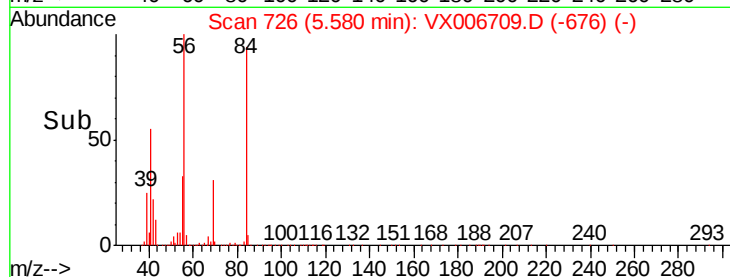
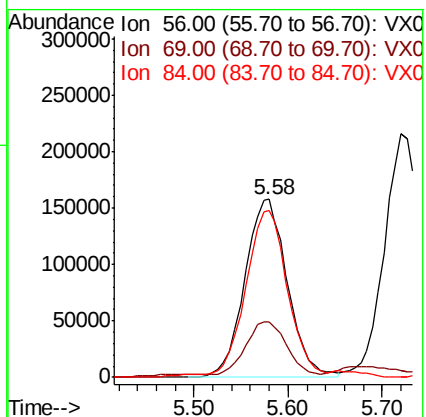
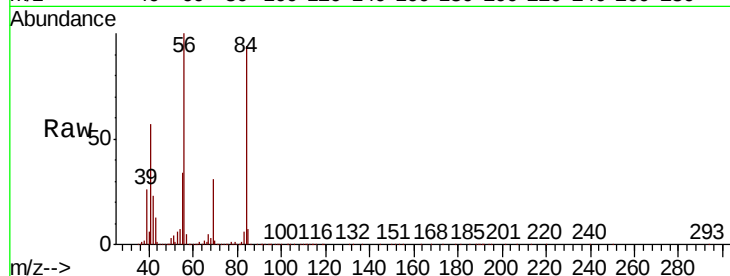
Tot Ion: 56 Resp: 494459

Ion Ratio Lower Upper

56 100

69 29.5 24.4 36.6

84 92.8 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 50.601 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

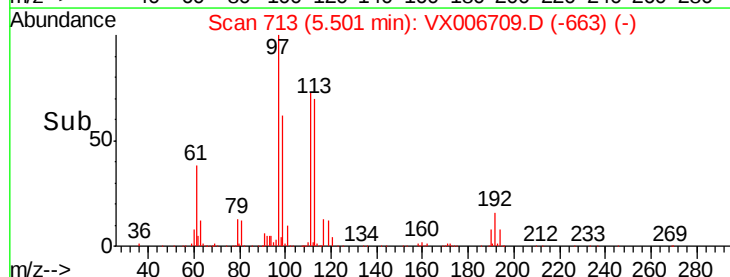
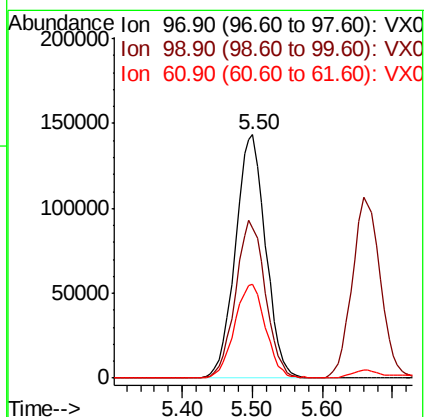
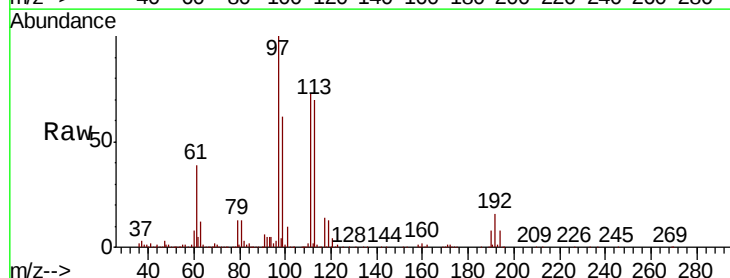
Tgt Ion: 97 Resp: 430067

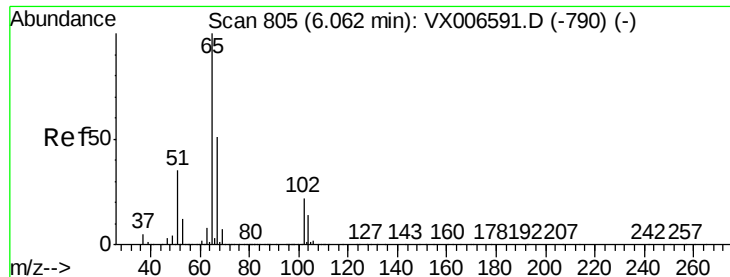
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 39.5 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.638 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

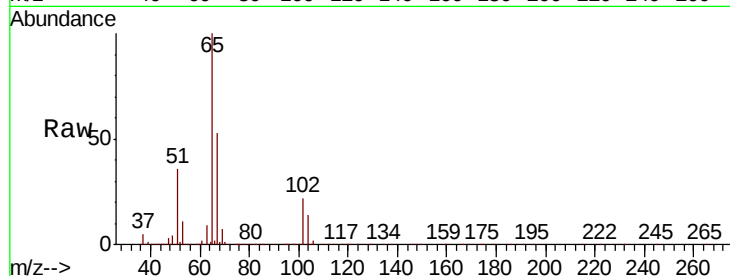
ClientSampled :

Tot Ion: 65 Resp: 322976

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

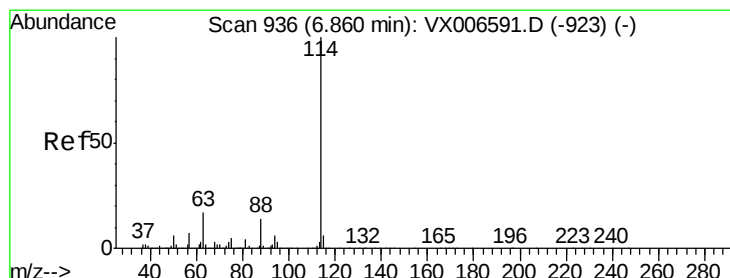
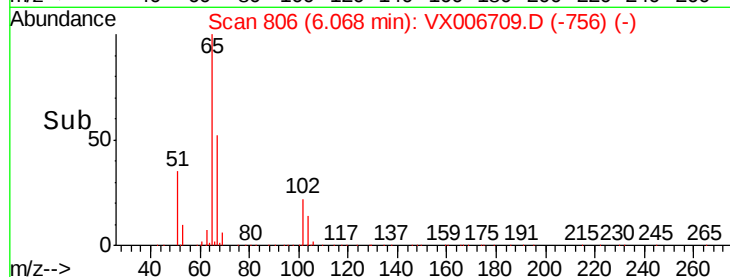
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

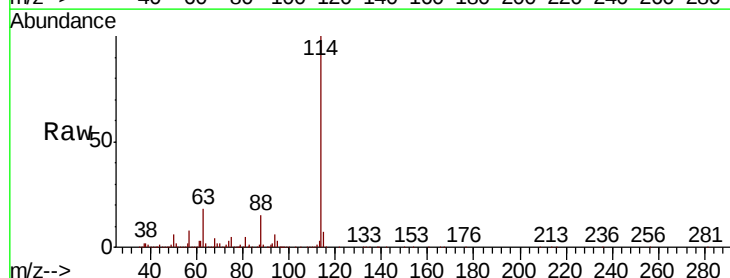
Tgt Ion: 114 Resp: 925066

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 14.8 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

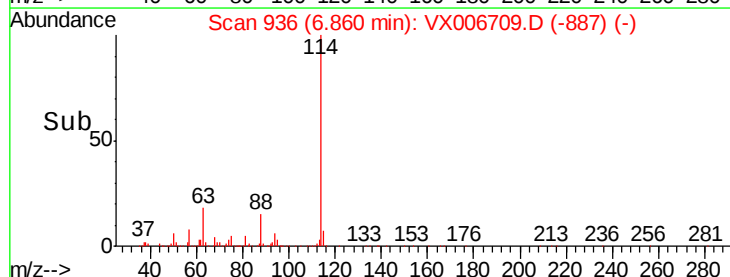
300000

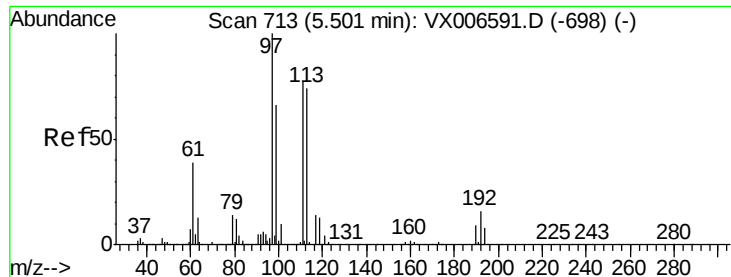
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.762 ug/l

RT: 5.51 min Scan# 714

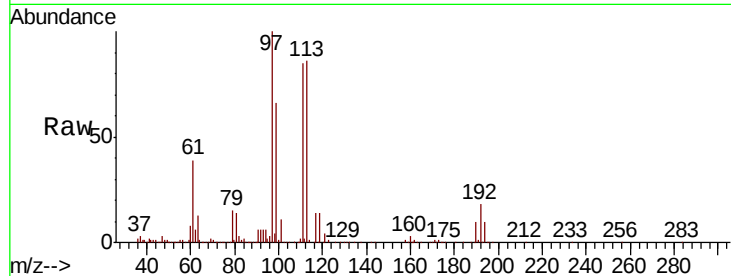
Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	22.1	16.7	25.1

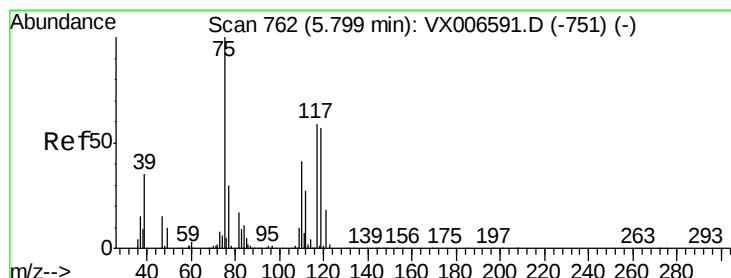
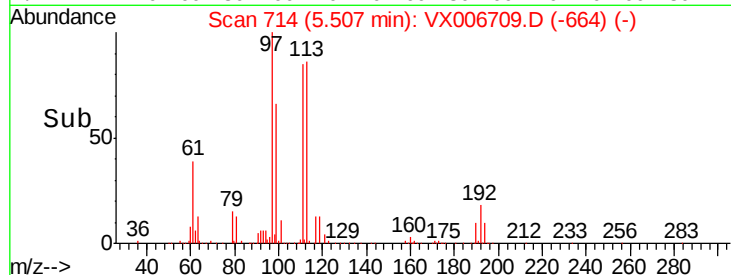
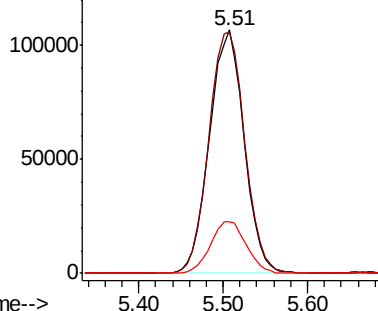


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.464 ug/l

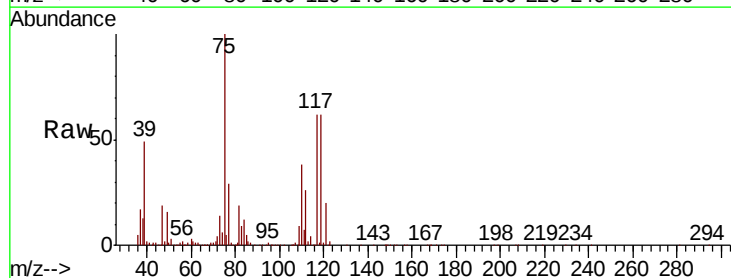
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	20.2	60.5
77	31.1	24.8	37.2

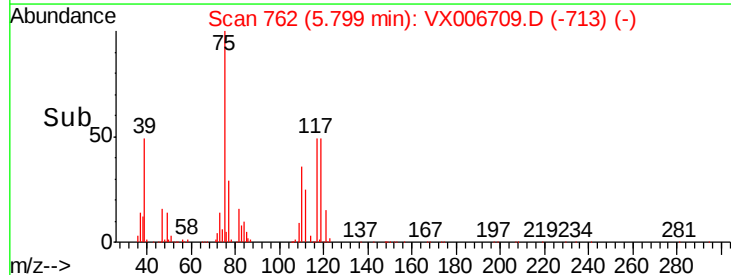
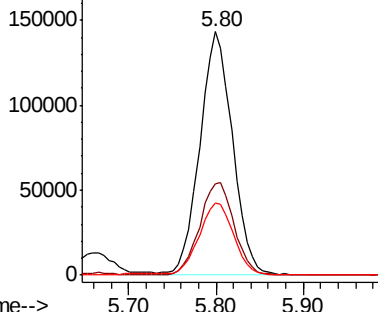


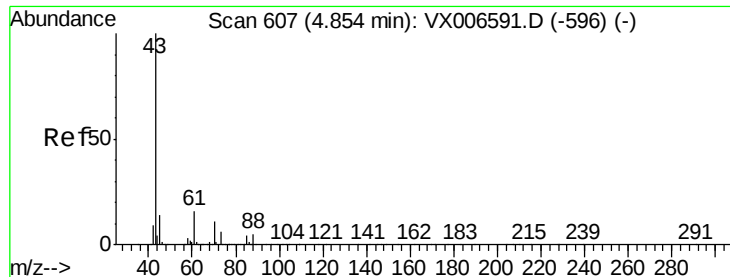
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 46.285 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampled :

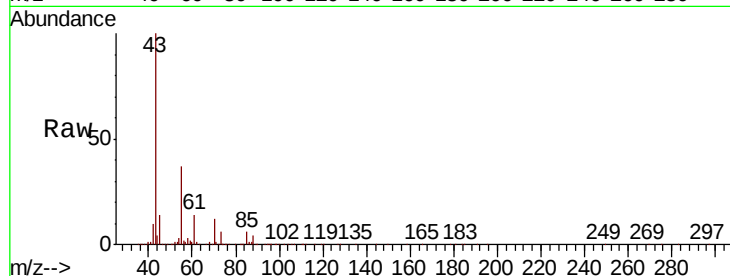
Tot Ion: 43 Resp: 369097

Ion Ratio Lower Upper

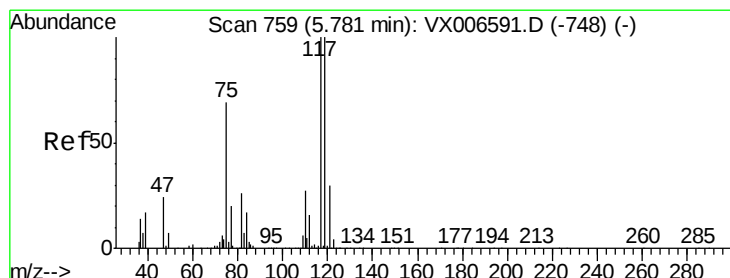
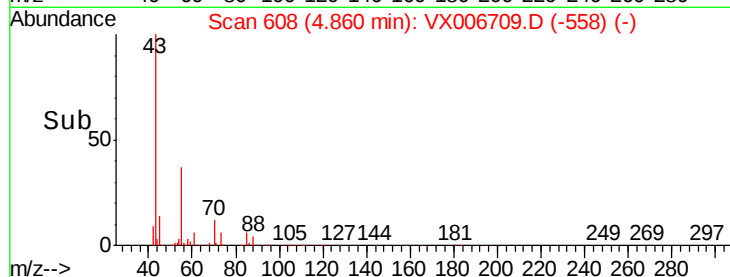
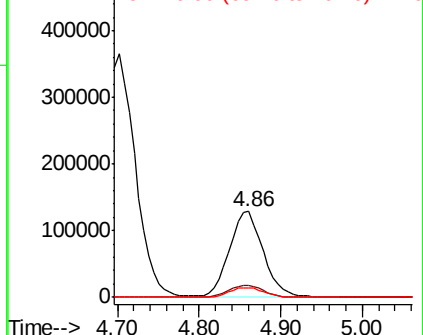
43 100

61 14.2 11.9 17.9

70 11.6 9.7 14.5



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



#38

Carbon Tetrachloride

Concen: 48.439 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

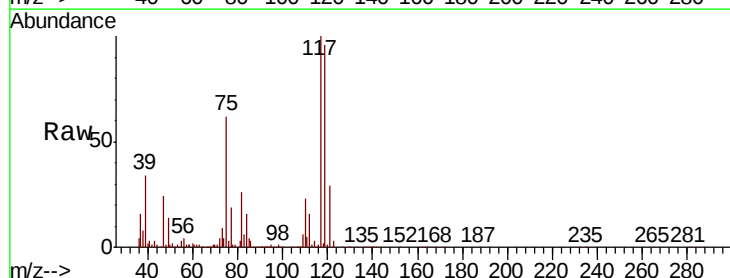
Tgt Ion: 117 Resp: 360676

Ion Ratio Lower Upper

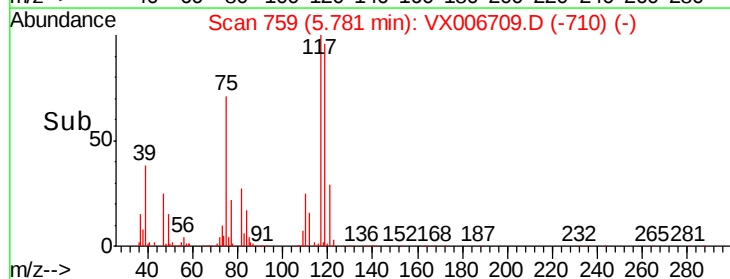
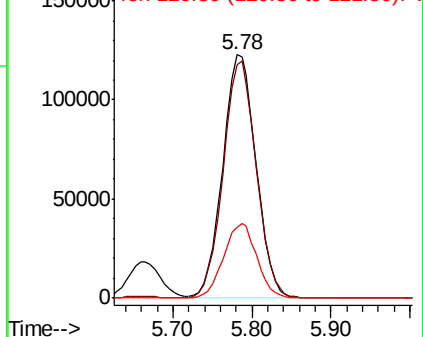
117 100

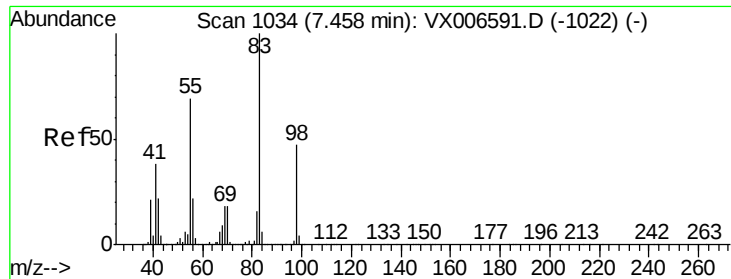
119 95.7 79.4 119.2

121 29.2 24.0 36.0



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

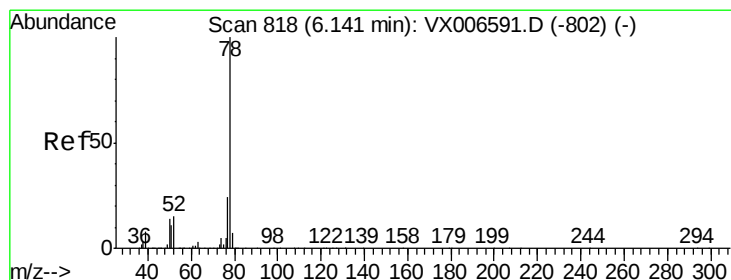
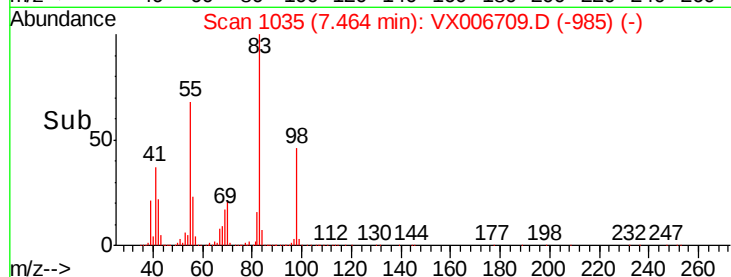
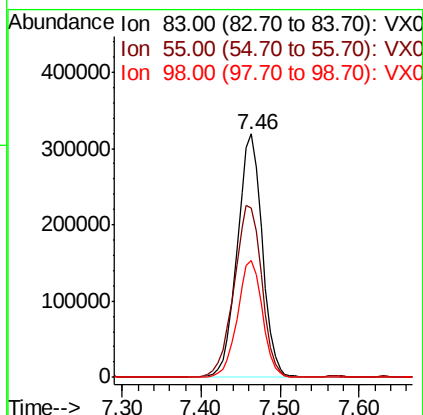
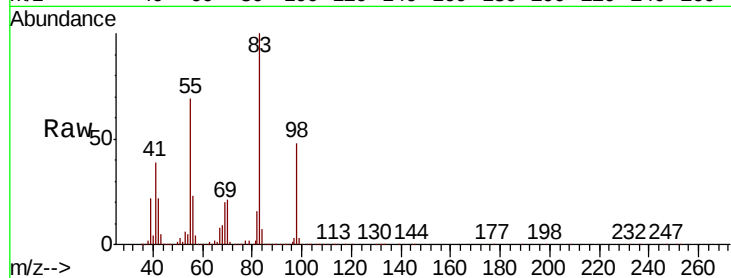




#39
Methvlcvclohexane
Concen: 69.420 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

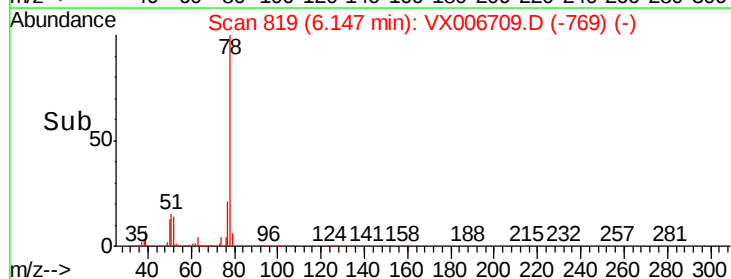
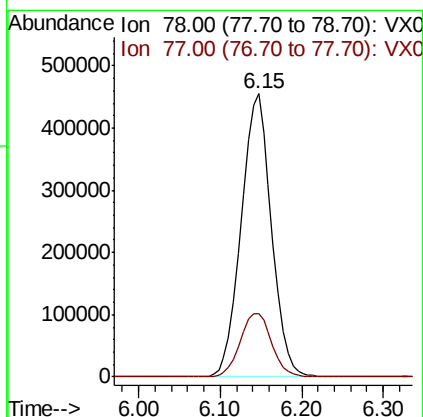
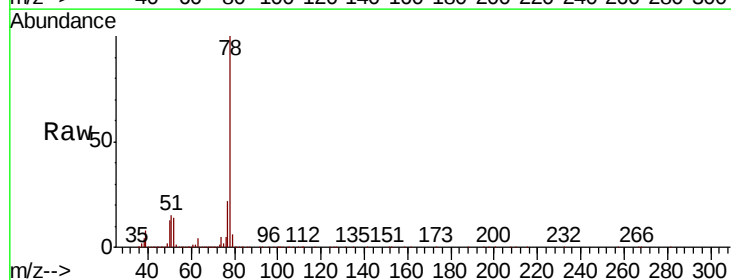
Instrument :
MSVOA_X
ClientSampleId :

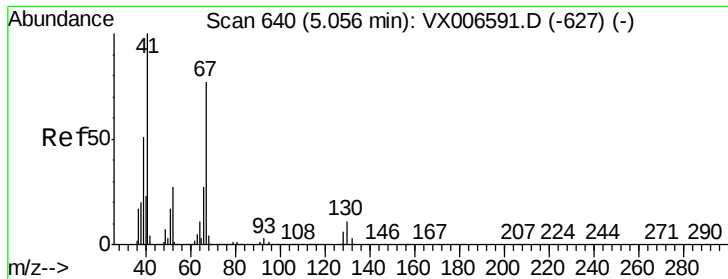
Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	54.9	82.3
98	47.7	37.9	56.9



#40
Benzene
Concen: 50.117 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.2	28.8





#41

Methacrylonitrile

Concen: 54.707 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 231616

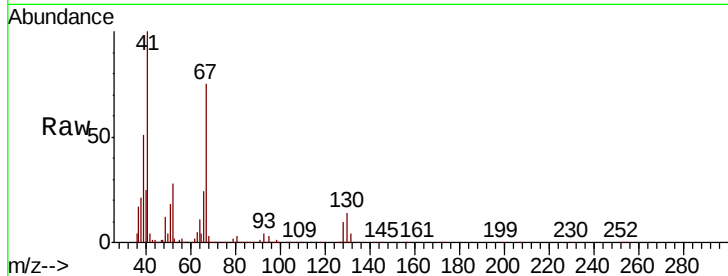
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.8	64.2
67	76.3	62.1	93.1
52	28.7	23.4	35.0

41 100

39 53.5 42.8 64.2

67 76.3 62.1 93.1

52 28.7 23.4 35.0

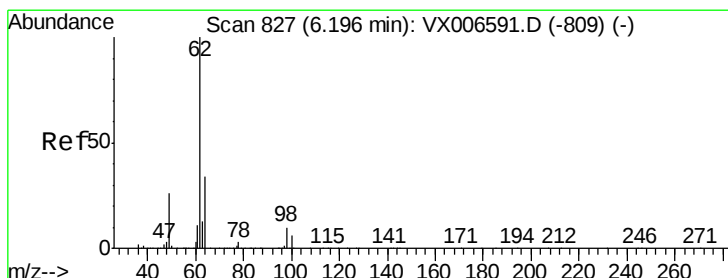
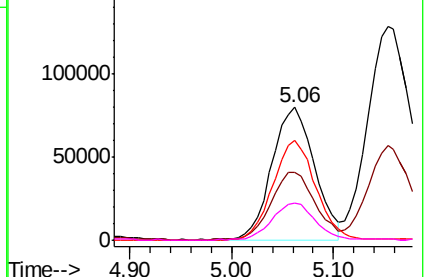
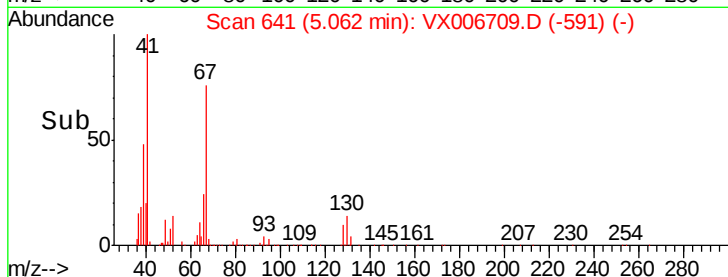


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.422 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006709.D

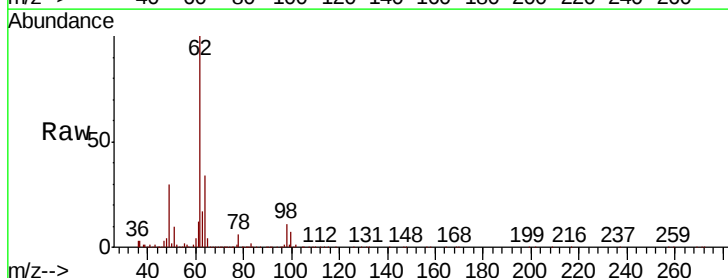
Acq: 21 Dec 2018 06:55

Tgt Ion: 62 Resp: 384273

Ion	Ratio	Lower	Upper
62	100		
98	13.0	0.0	20.2

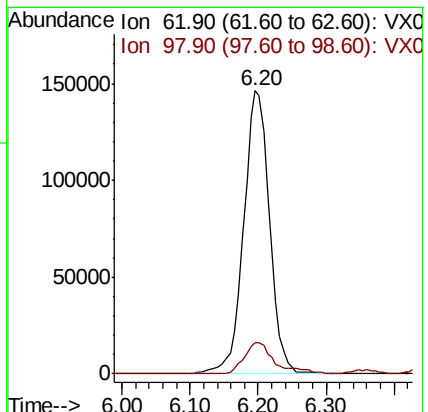
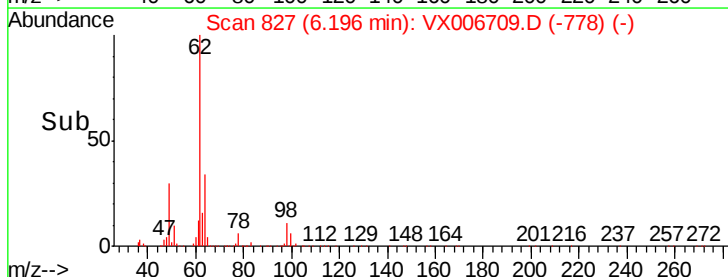
62 100

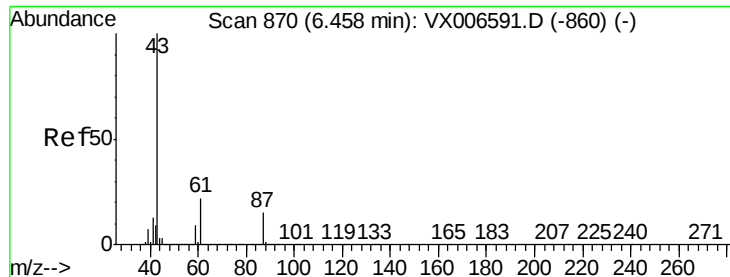
98 13.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



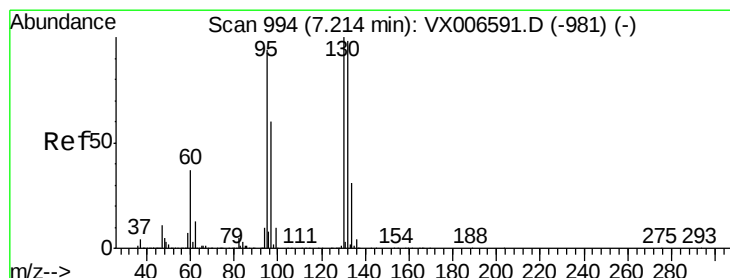
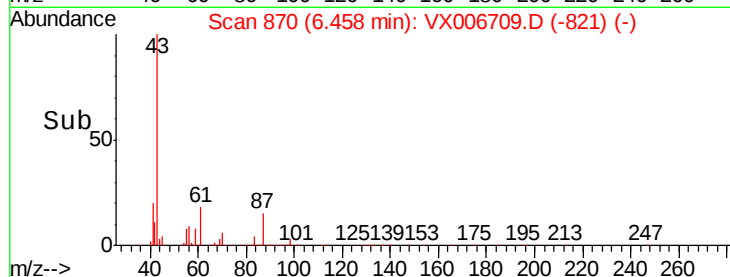
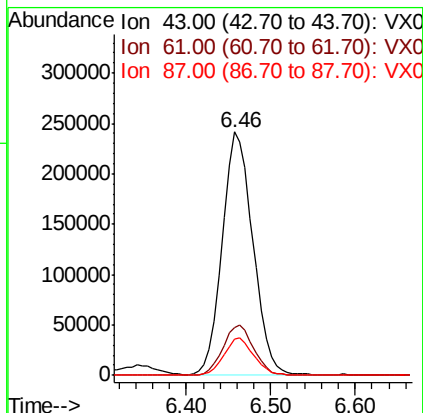
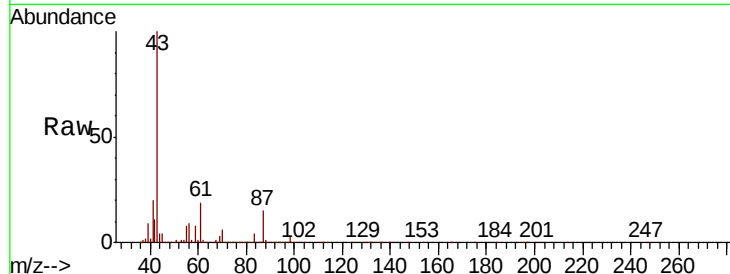


#43

Isopropyl Acetate
 Concen: 49.300 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :

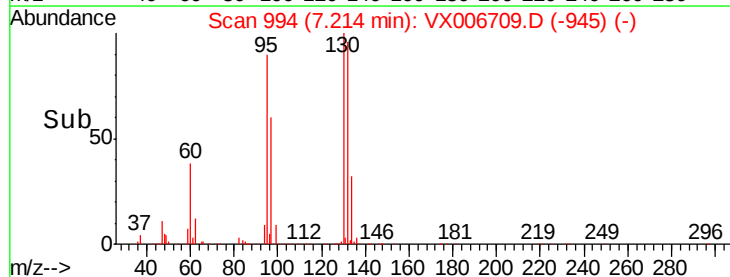
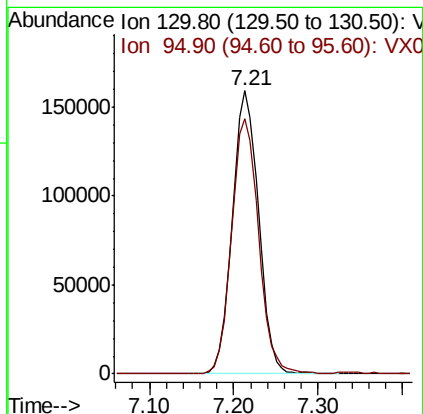
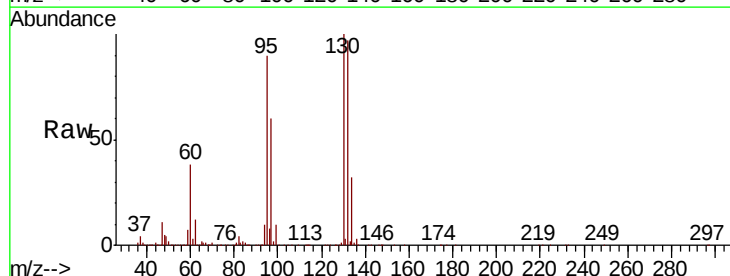
Tot Ion: 43 Resp: 598173
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.8 25.2
 87 15.1 12.4 18.6



#44

Trichloroethene
 Concen: 47.444 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion:130 Resp: 334423
 Ion Ratio Lower Upper
 130 100
 95 90.3 0.0 187.0

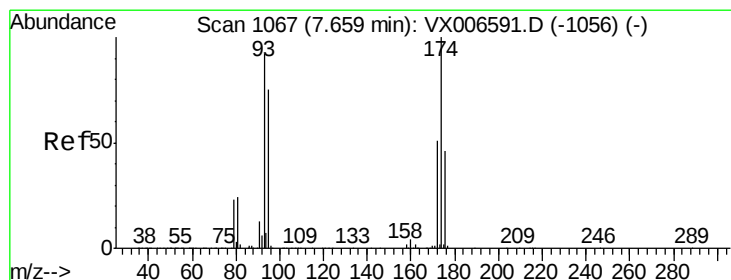
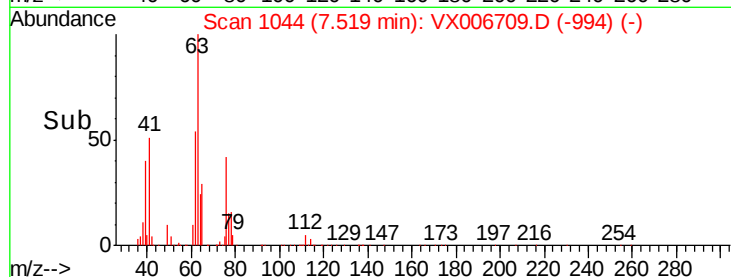
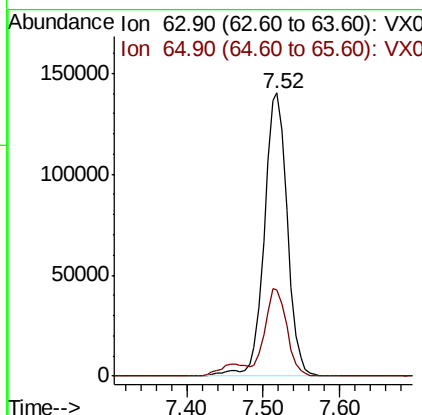
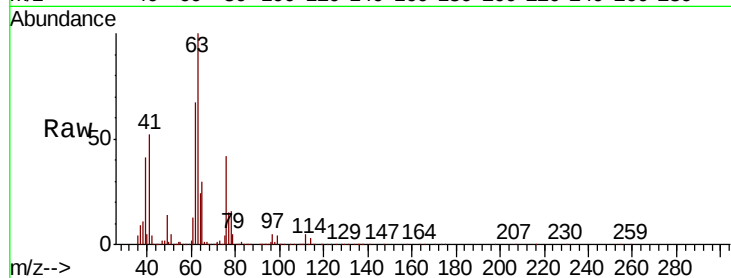




#45
 1,2-Dichloropropane
 Concen: 51.842 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

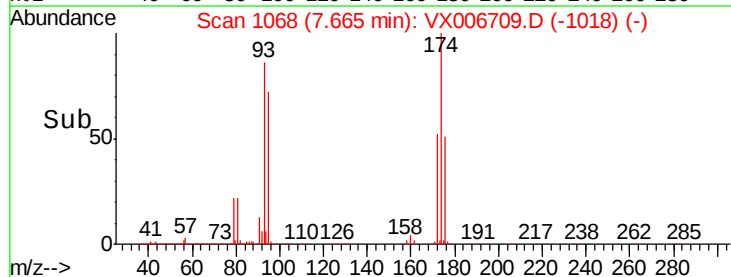
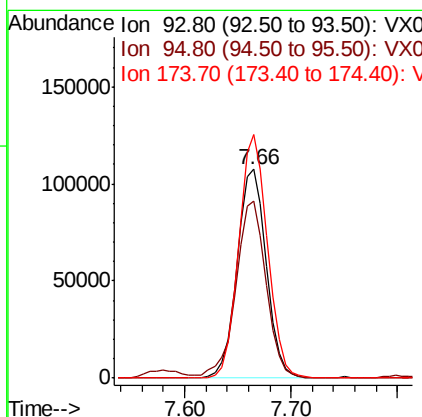
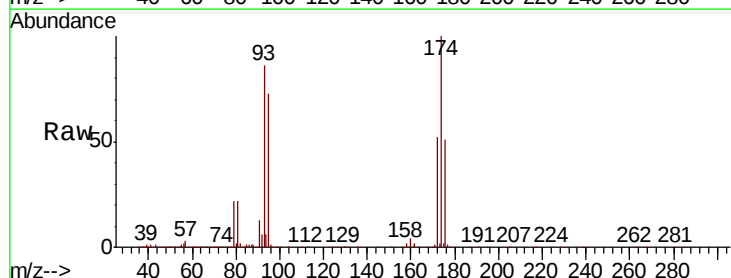
Instrument :
 MSVOA_X
 ClientSampleId :

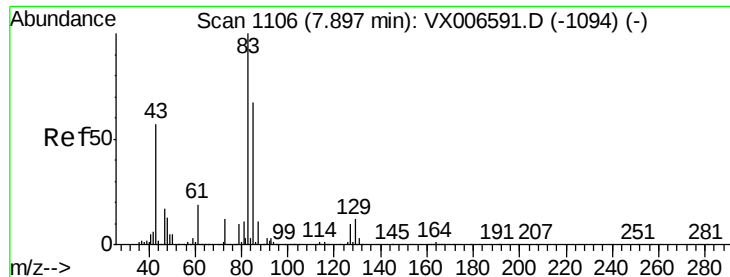
Tot Ion: 63 Resp: 293810
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.4 38.0



#46
 Dibromomethane
 Concen: 49.601 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion: 93 Resp: 206768
 Ion Ratio Lower Upper
 93 100
 95 87.0 66.2 99.4
 174 115.3 91.0 136.4





#47

Bromodichloromethane

Concen: 50.019 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampled :

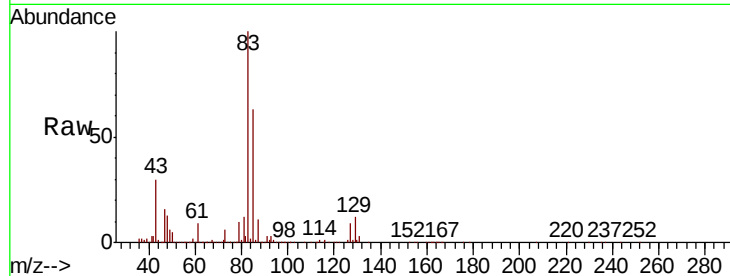
Tot Ion: 83 Resp: 346178

Ion Ratio Lower Upper

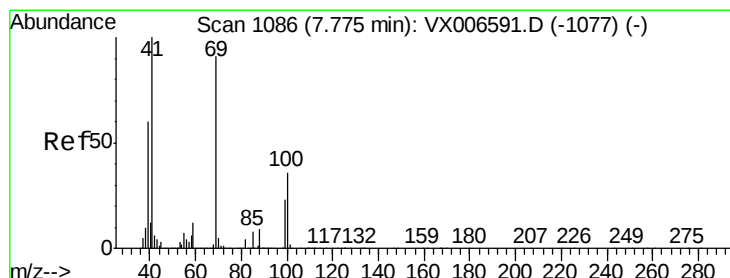
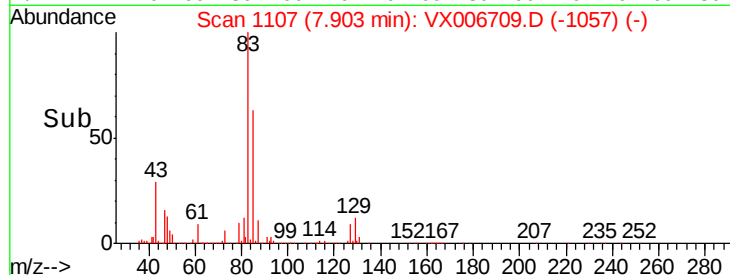
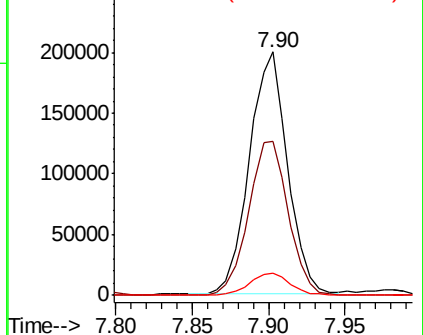
83 100

85 63.2 53.2 79.8

127 9.3 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 58.357 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

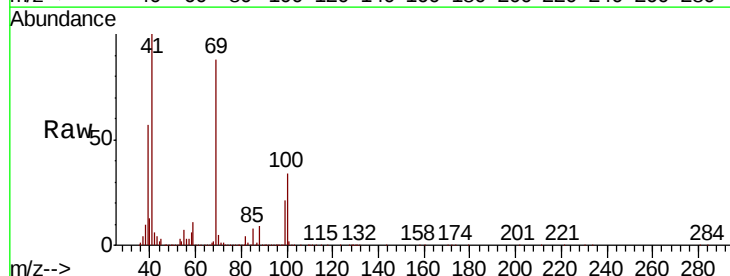
Tgt Ion: 41 Resp: 360075

Ion Ratio Lower Upper

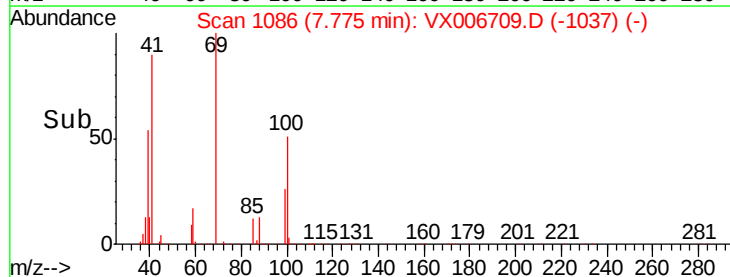
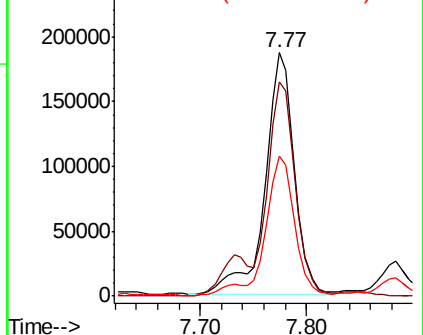
41 100

69 81.0 72.4 108.6

39 57.1 45.8 68.8



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





#49

1,4-Dioxane

Concen: 817.311 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

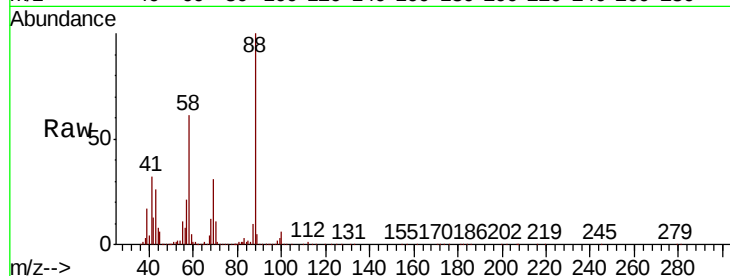
Tot Ion: 88 Resp: 132533

Ion Ratio Lower Upper

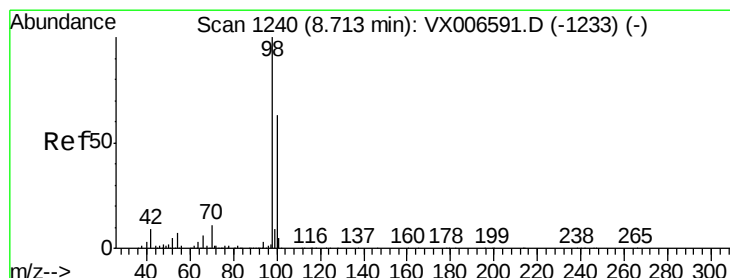
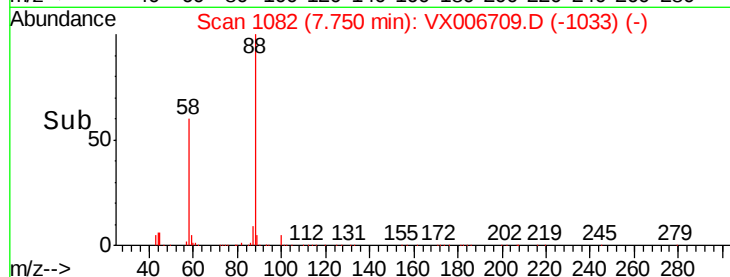
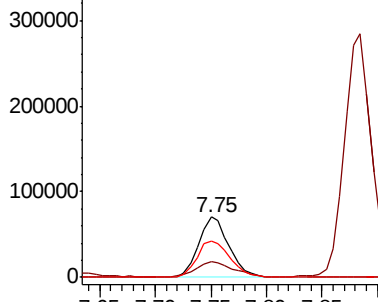
88 100

43 30.5 22.2 33.4

58 65.3 51.0 76.4



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



#50

Toluene-d8

Concen: 50.069 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006709.D

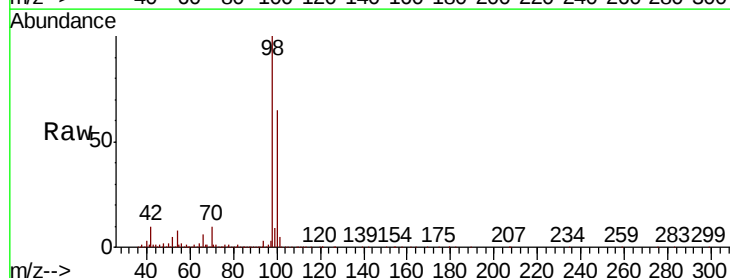
Acq: 21 Dec 2018 06:55

Tgt Ion: 98 Resp: 1104251

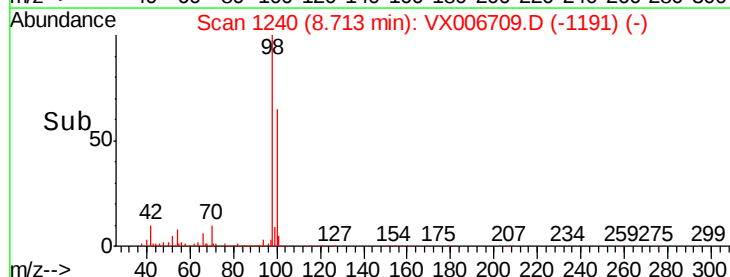
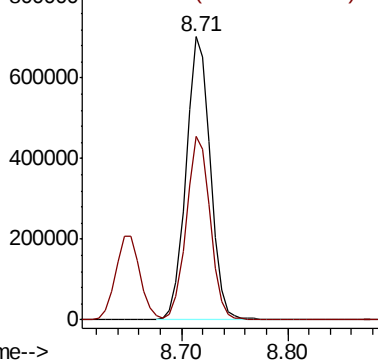
Ion Ratio Lower Upper

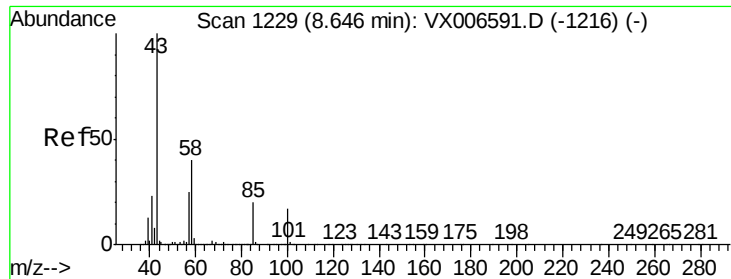
98 100

100 64.9 52.0 78.0



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

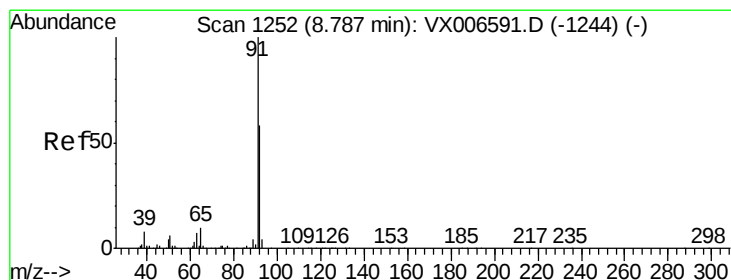
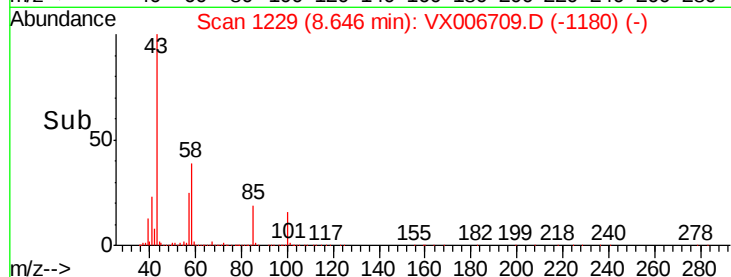
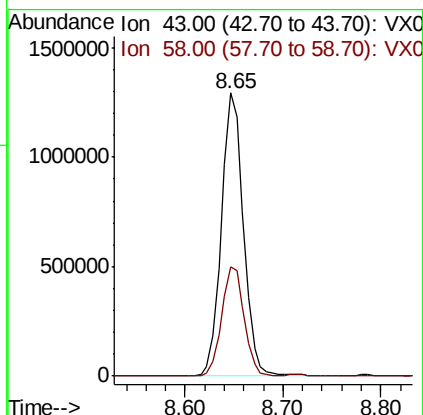
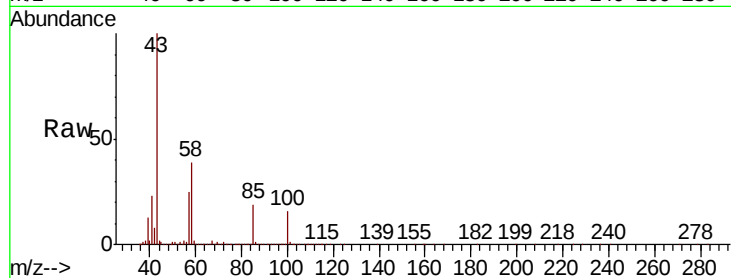




#51
4-Methyl-2-Pentanone
Concen: 261.535 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

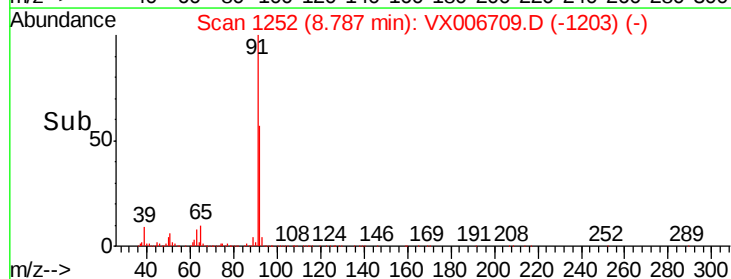
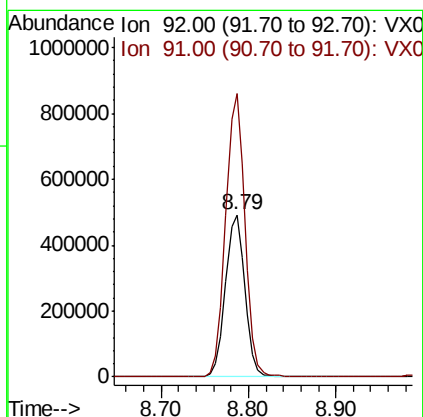
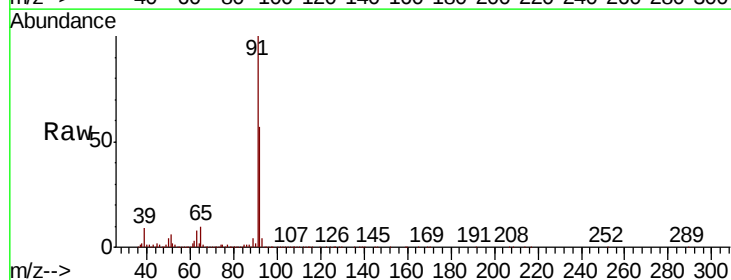
Instrument :
MSVOA_X
ClientSampled :

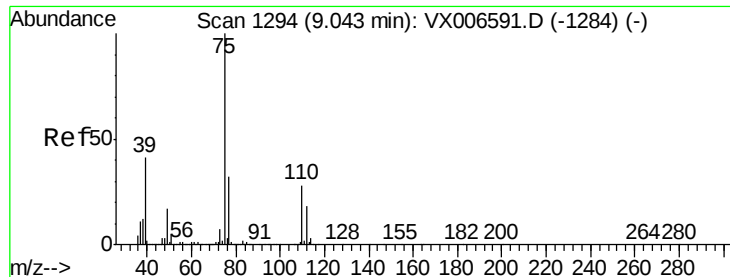
Tot Ion: 43 Resp: 2019082
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.6



#52
Toluene
Concen: 50.277 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 92 Resp: 756449
Ion Ratio Lower Upper
92 100
91 174.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 49.029 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

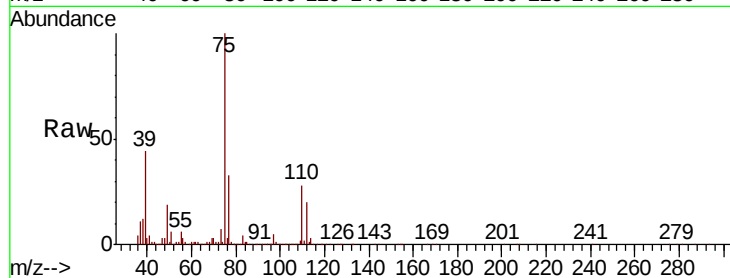
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 363922

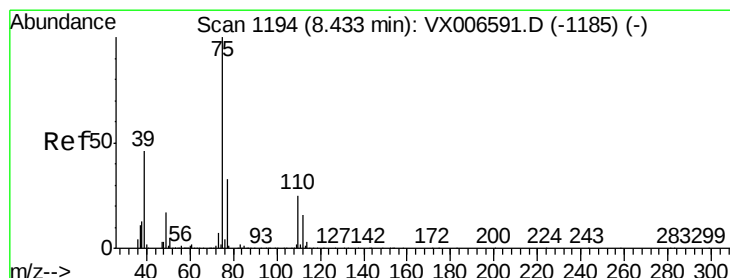
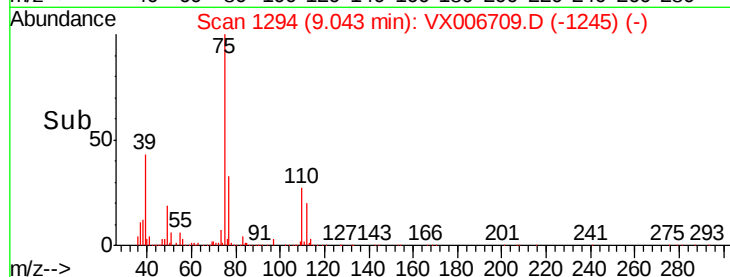
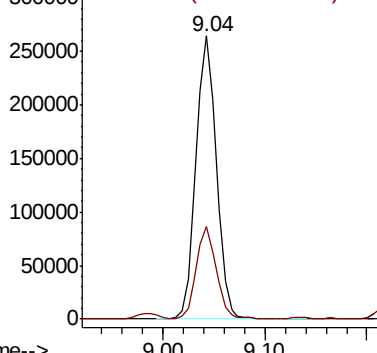
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.899 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

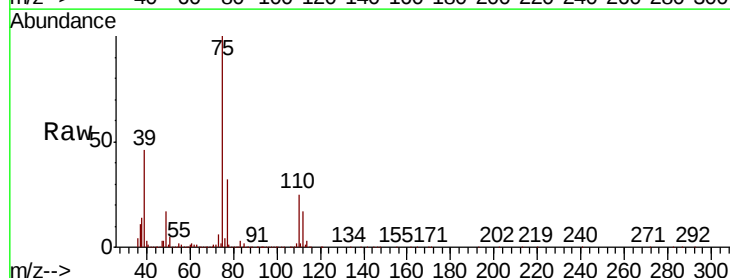
Tgt Ion: 75 Resp: 406402

Ion Ratio Lower Upper

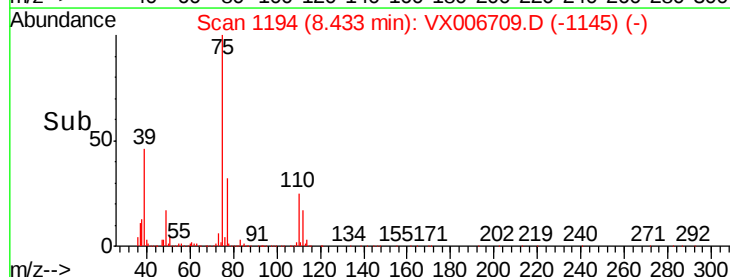
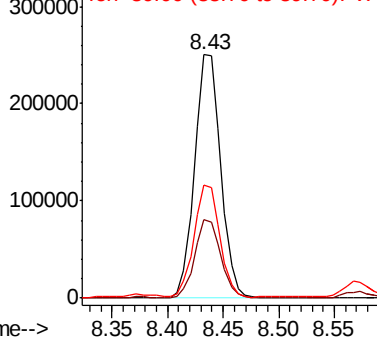
75 100

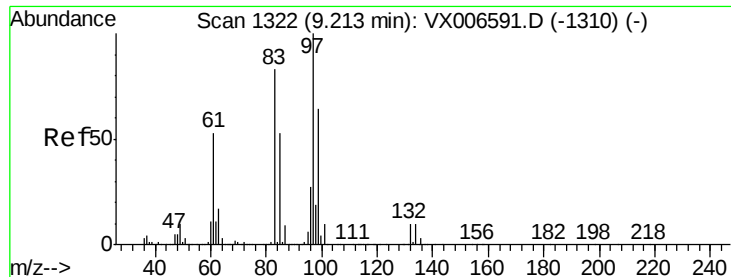
77 32.1 26.2 39.2

39 46.0 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 50.391 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 310331

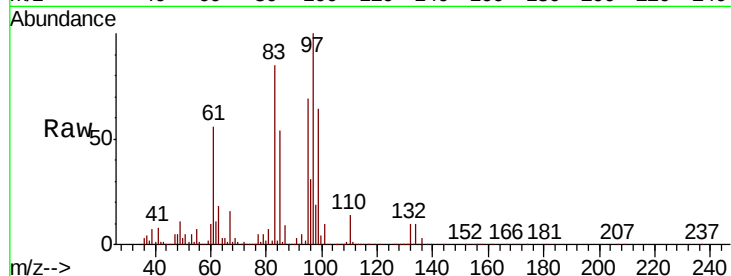
Ion Ratio Lower Upper

97 100

83 84.9 66.6 99.8

85 54.2 42.7 64.1

99 64.3 50.8 76.2

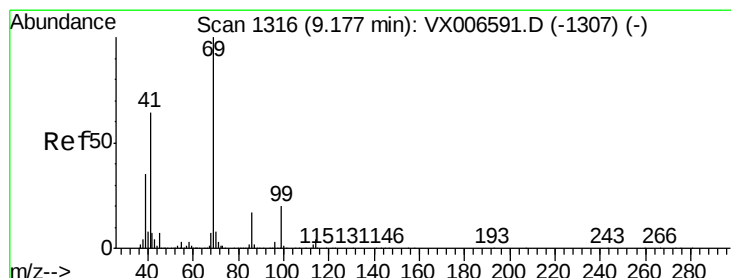
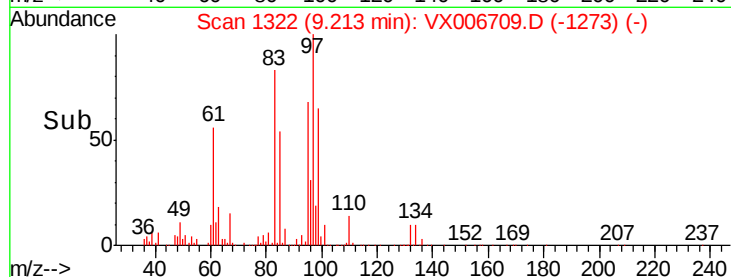
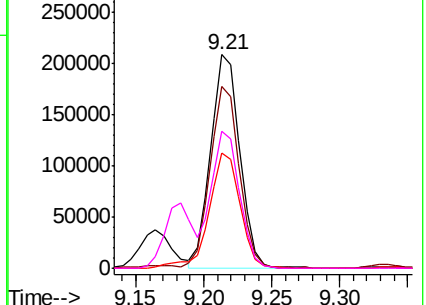


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.786 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

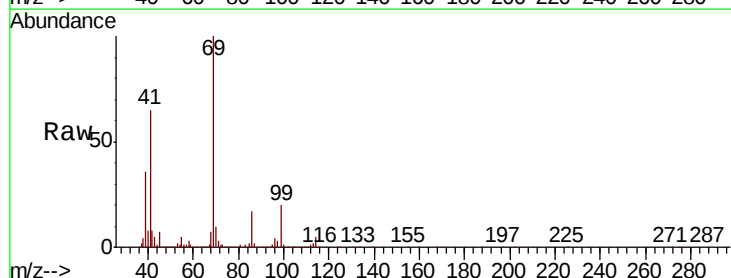
Tgt Ion: 69 Resp: 476871

Ion Ratio Lower Upper

69 100

41 64.7 48.7 73.1

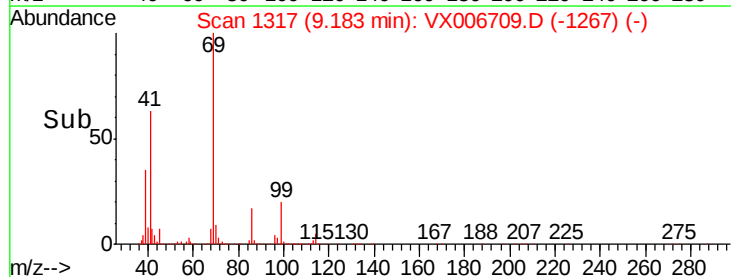
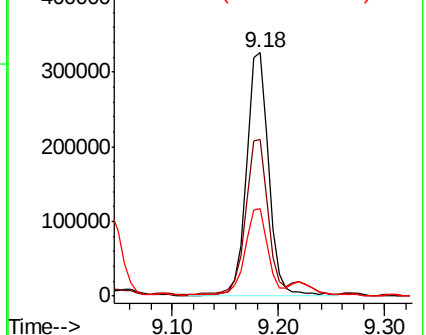
39 37.1 27.0 40.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.259 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

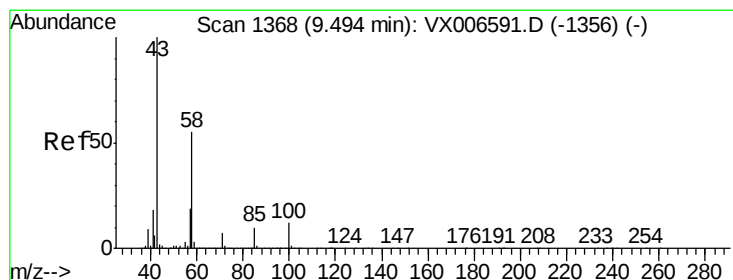
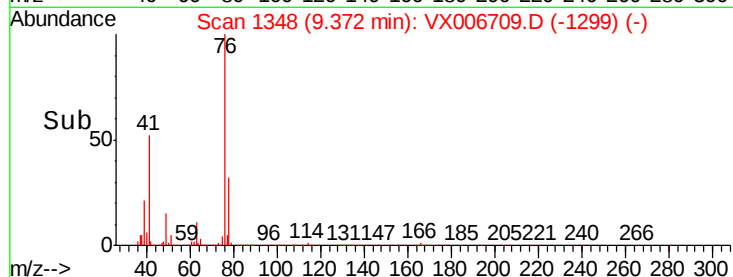
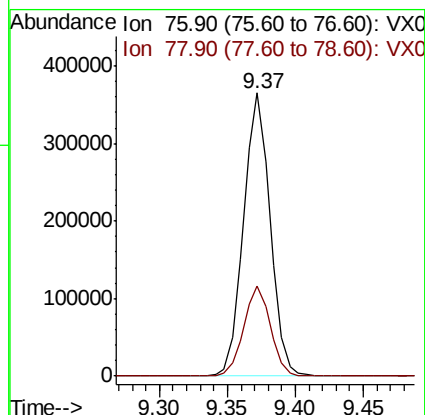
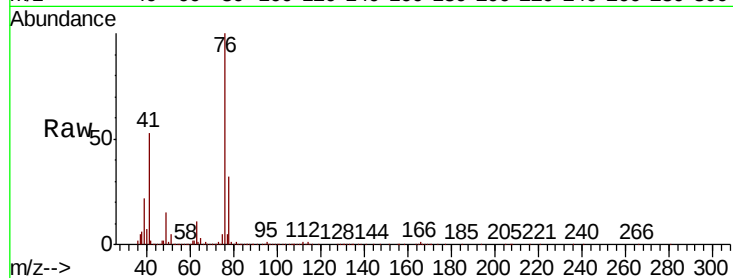
ClientSampleId :

Tot Ion: 76 Resp: 497983

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#59

2-Hexanone

Concen: 252.571 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006709.D

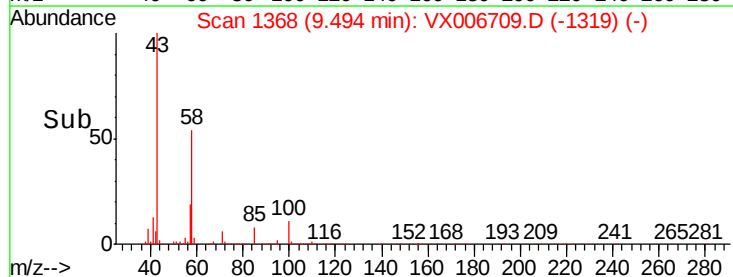
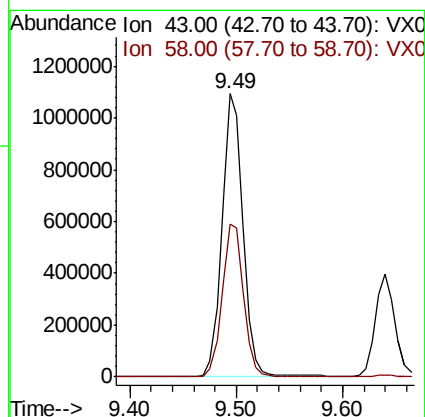
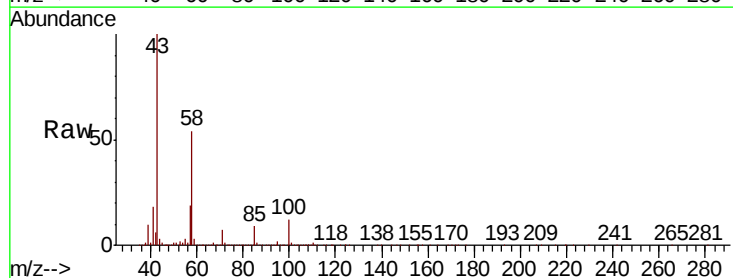
Acq: 21 Dec 2018 06:55

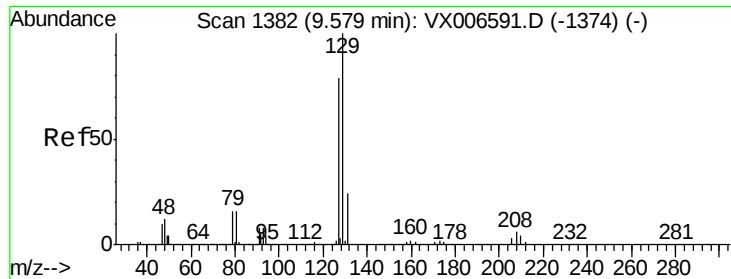
Tgt Ion: 43 Resp: 1491893

Ion Ratio Lower Upper

43 100

58 55.3 27.7 83.1





#60

Dibromochloromethane

Concen: 47.251 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

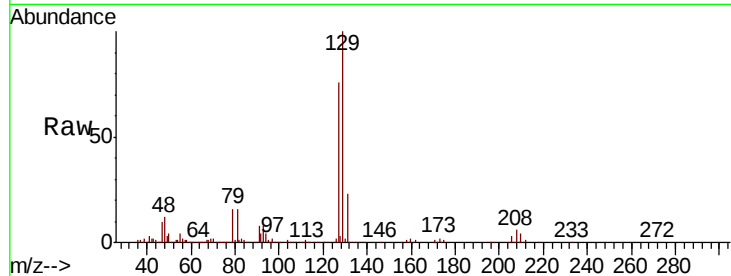
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 303483

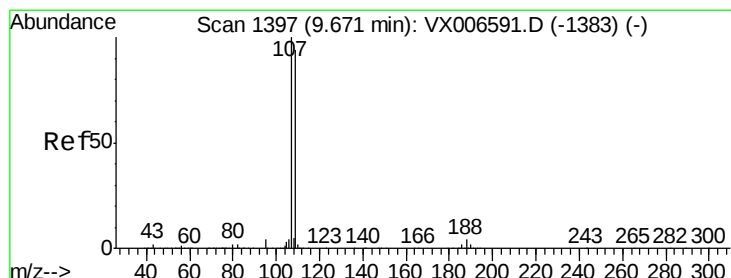
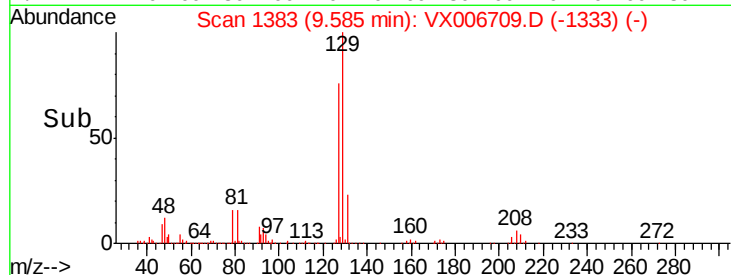
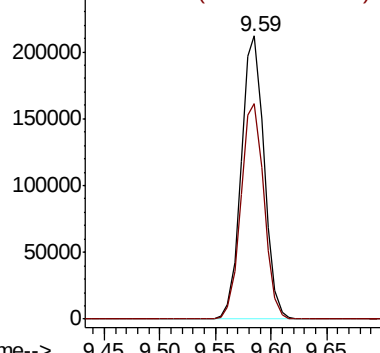
Ion Ratio Lower Upper

129 100

127 77.1 39.3 117.8



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



#61

1,2-Dibromoethane

Concen: 52.464 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006709.D

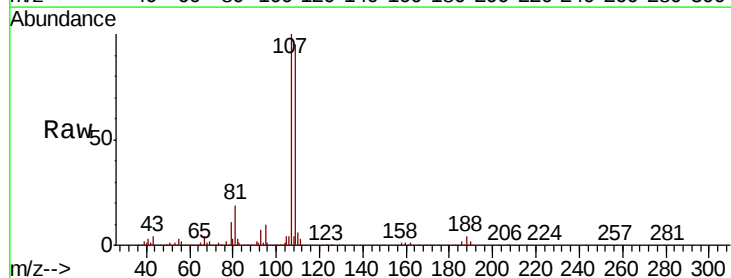
Acq: 21 Dec 2018 06:55

Tgt Ion:107 Resp: 343461

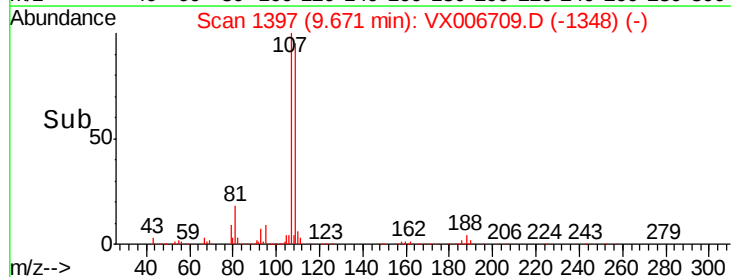
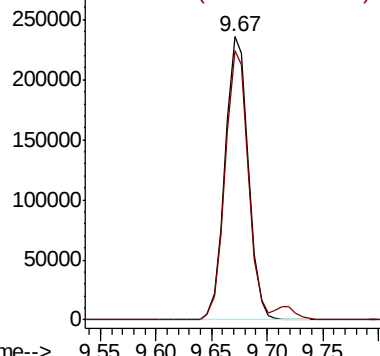
Ion Ratio Lower Upper

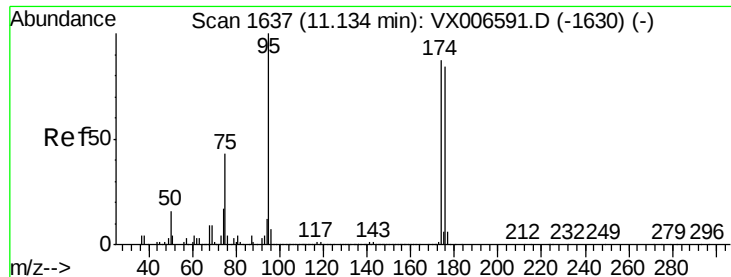
107 100

109 95.9 75.8 113.6



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





#62

4-Bromofluorobenzene

Concen: 49.414 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

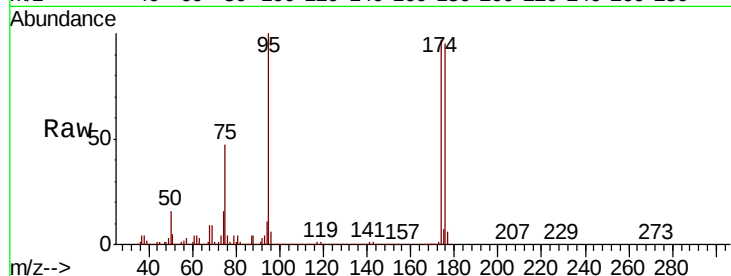
Tot Ion: 95 Resp: 399131

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.2

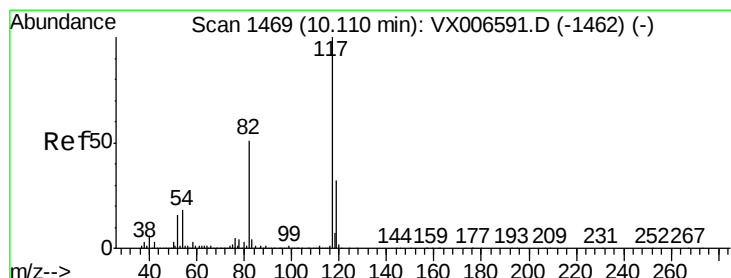
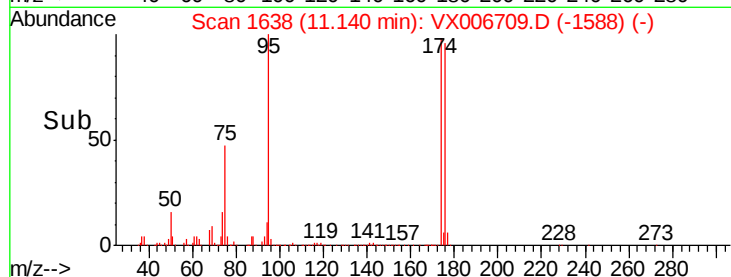
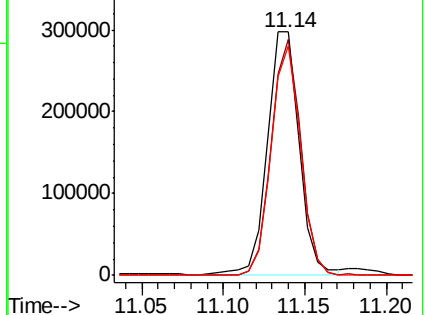
176 88.3 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

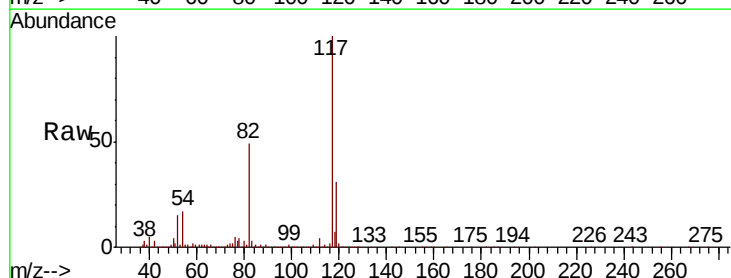
Tgt Ion: 117 Resp: 840178

Ion Ratio Lower Upper

117 100

82 48.4 41.0 61.6

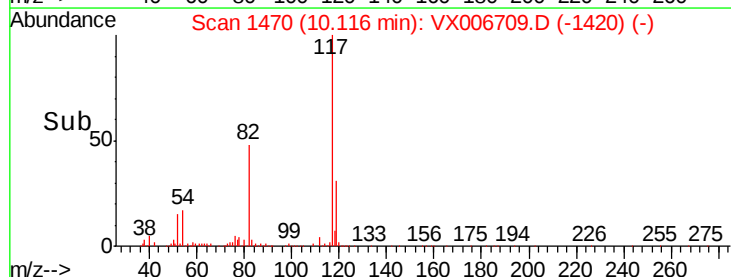
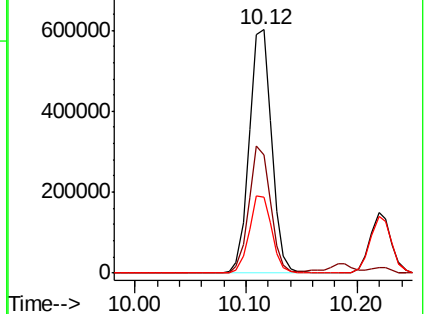
119 31.4 25.4 38.0

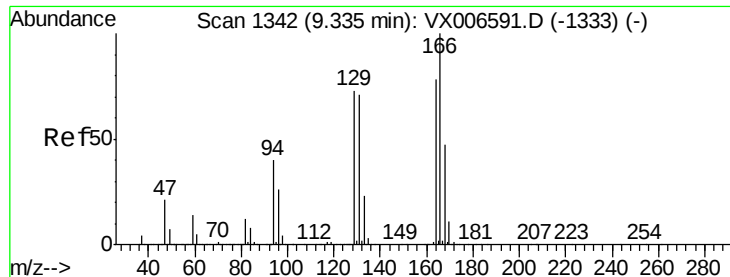


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)

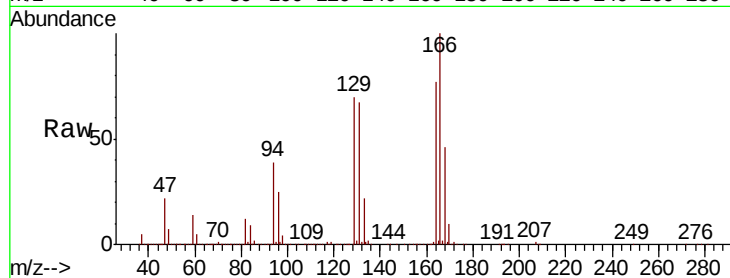




#64
Tetrachloroethene
Concen: 44.573 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.2	102.5	153.7
129	91.5	75.1	112.7
131	87.4	72.7	109.1



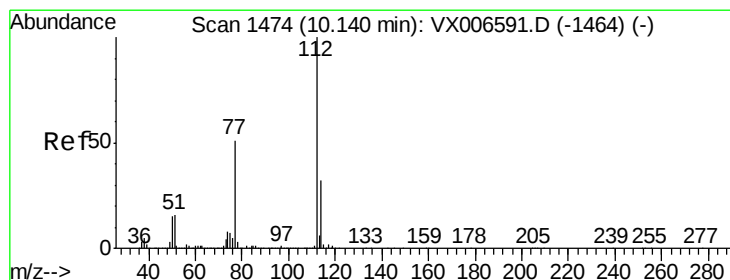
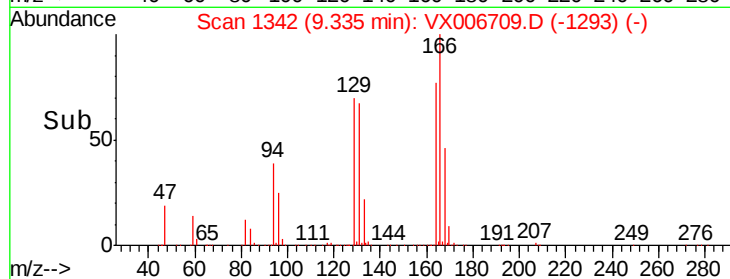
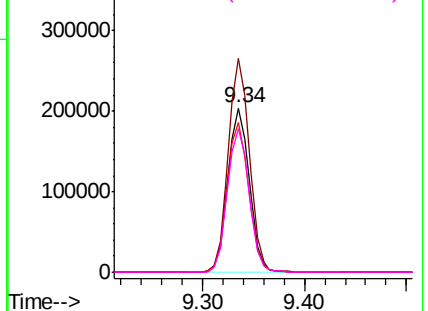
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

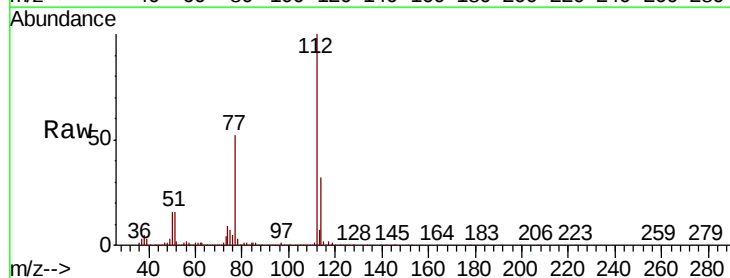
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 48.890 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

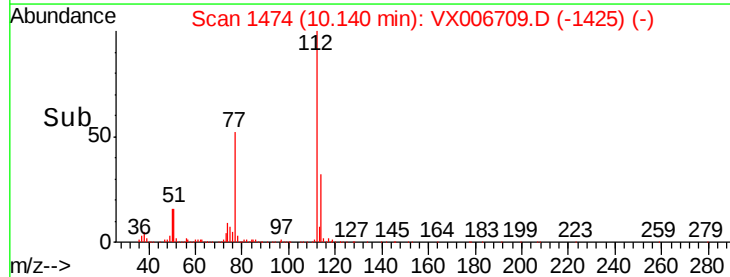
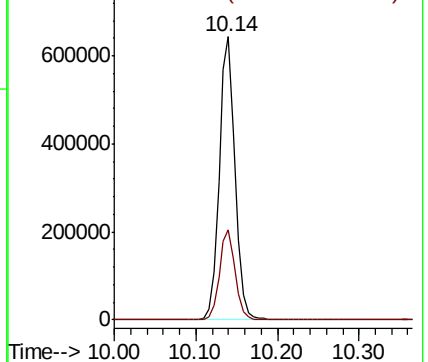
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5

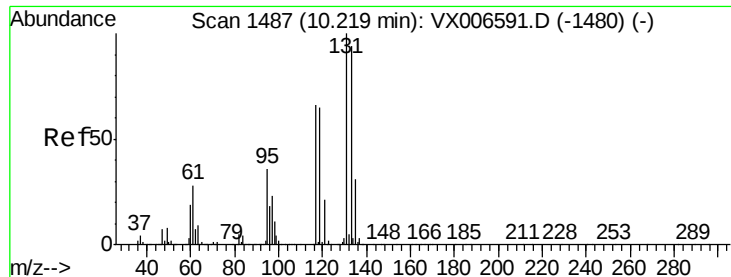


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

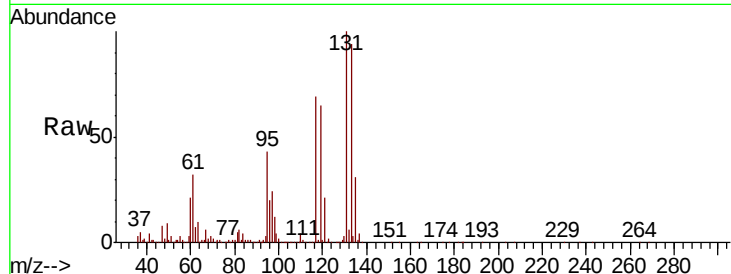




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.631 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.0	144.2
119	64.1	32.6	97.8

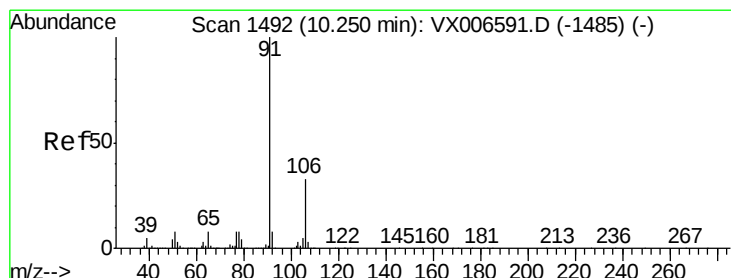
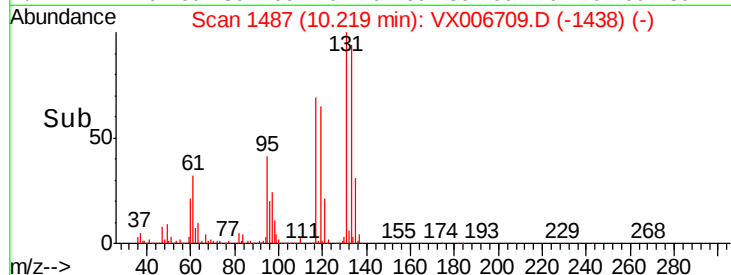
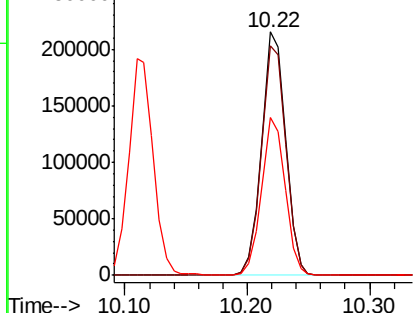


Abundance

Ion 130.80 (130.50 to 131.50): V

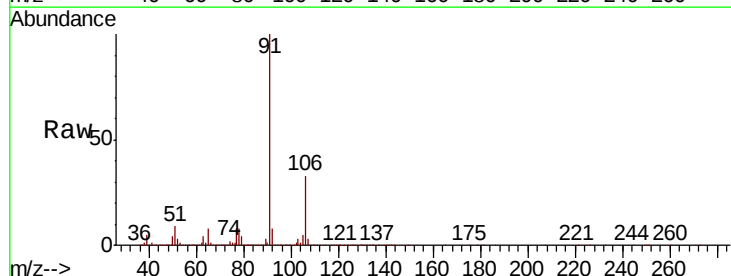
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67
 Ethyl Benzene
 Concen: 50.218 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

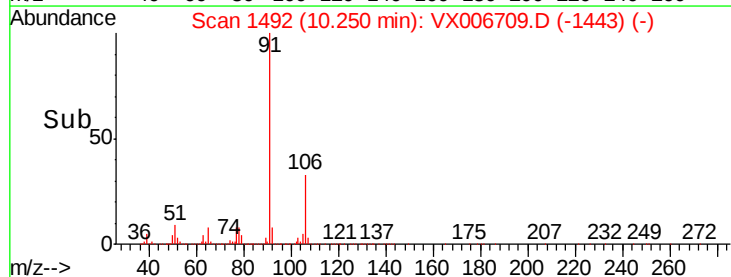
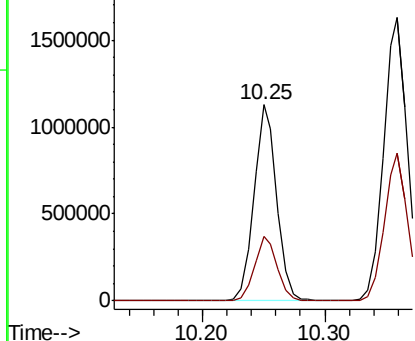
Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.4	39.6

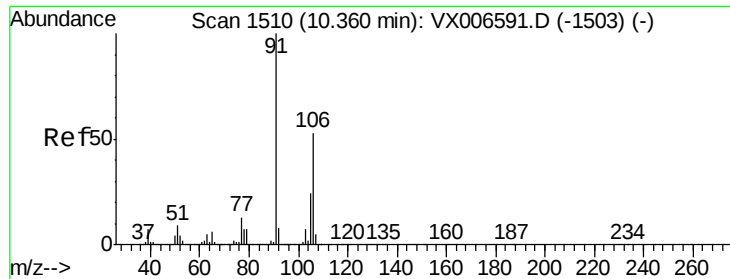


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

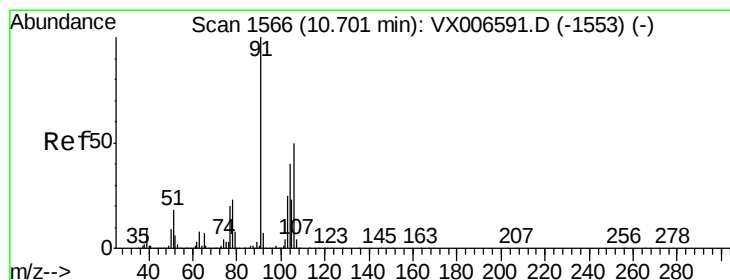
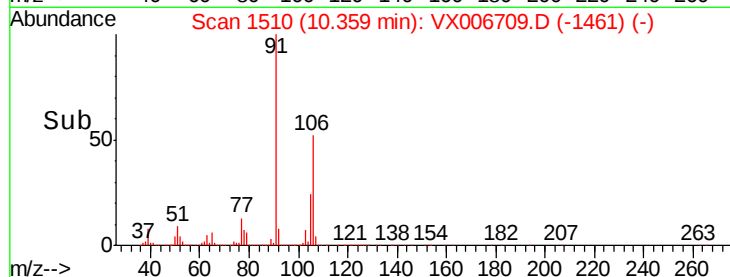
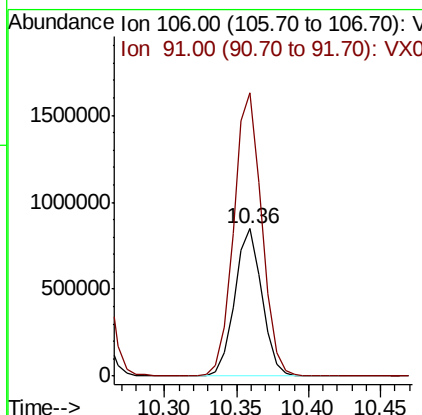
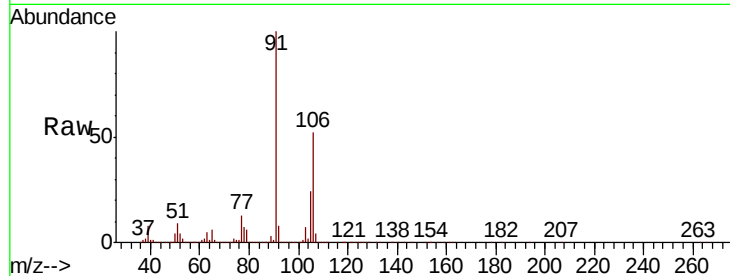




#68
m/p-Xylenes
Concen: 97.570 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

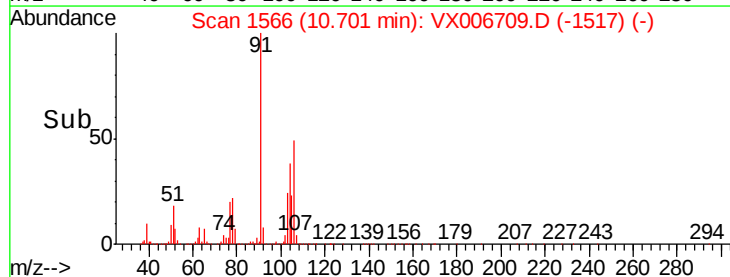
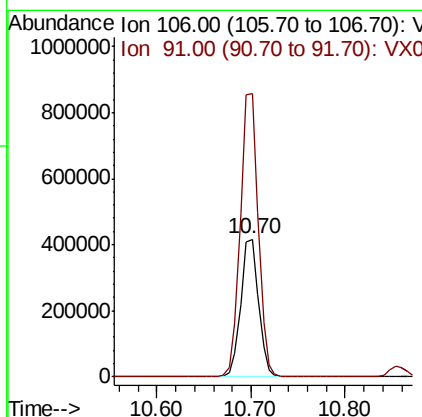
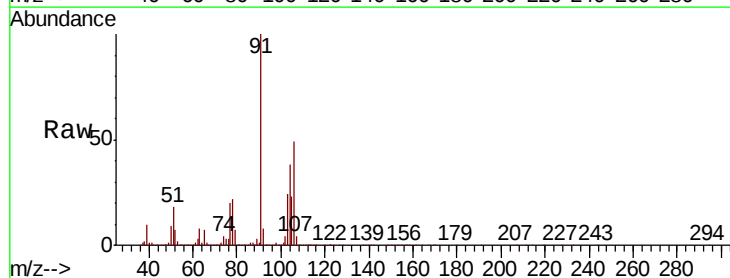
Instrument :
MSVOA_X
ClientSampleId :

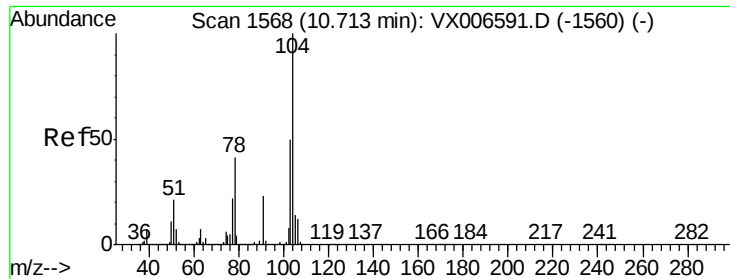
Tot Ion:106 Resp: 1118256
Ion Ratio Lower Upper
106 100
91 197.6 155.8 233.6



#69
o-Xylene
Concen: 48.728 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion:106 Resp: 551485
Ion Ratio Lower Upper
106 100
91 206.1 101.3 303.7

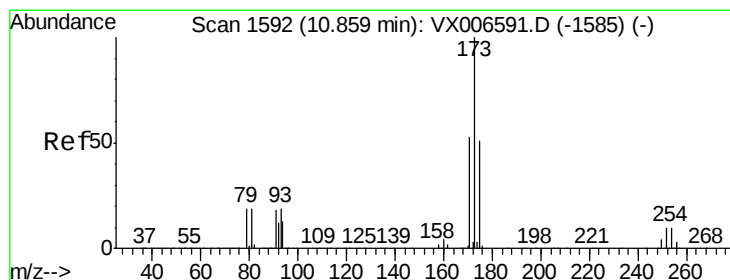
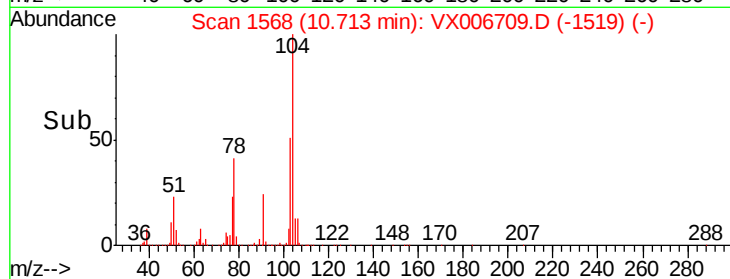
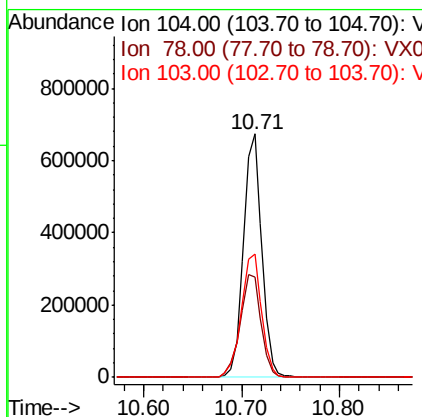
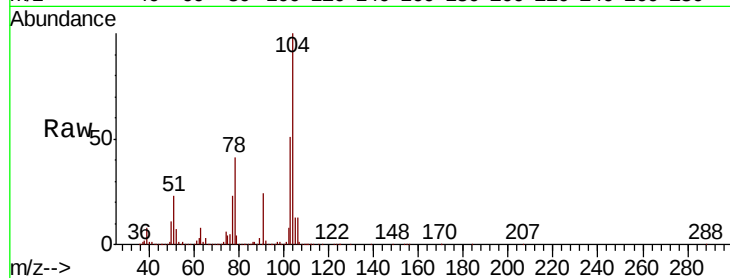




#70
Stvrene
Concen: 48.988 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

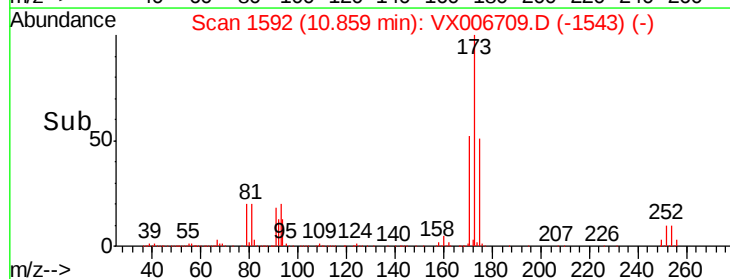
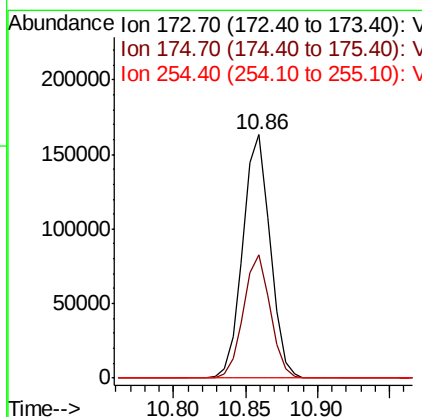
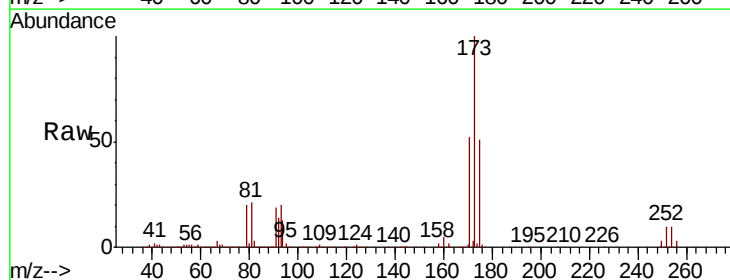
Instrument :
MSVOA_X
ClientSampled :

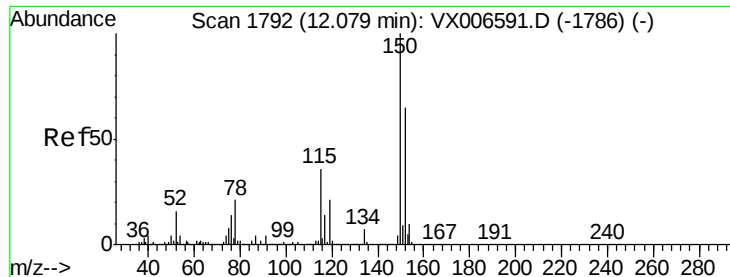
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.9	37.7	56.5
103	56.2	43.8	65.8



#71
Bromoform
Concen: 43.569 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.7	74.1
254	0.2	0.2	0.2



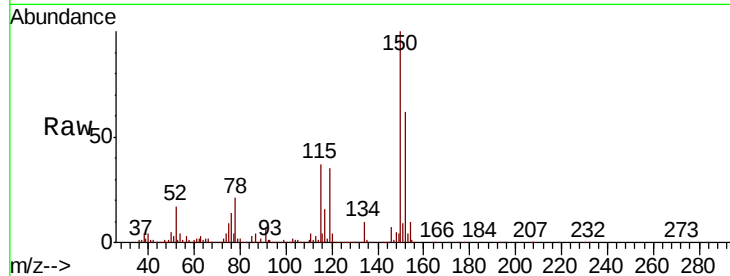


#72

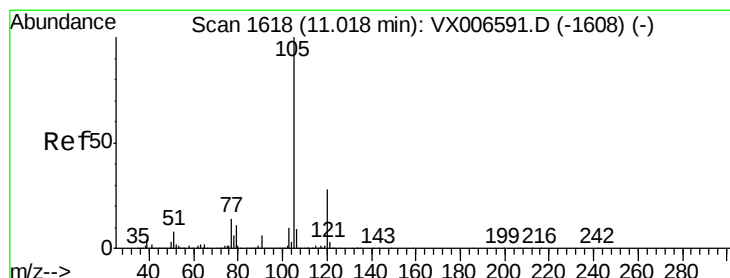
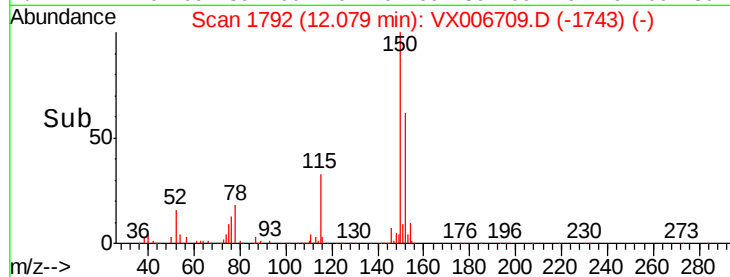
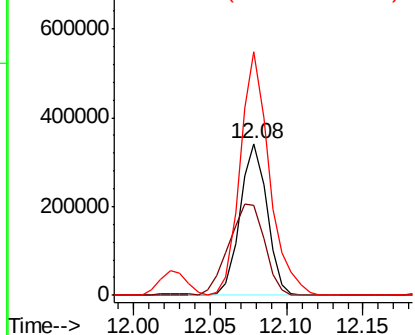
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	79.2	39.1	117.2
150	173.6	0.0	344.8



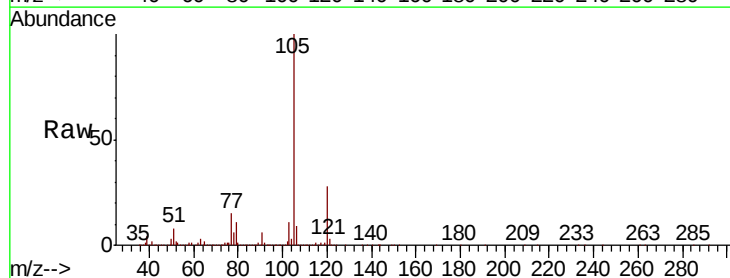
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



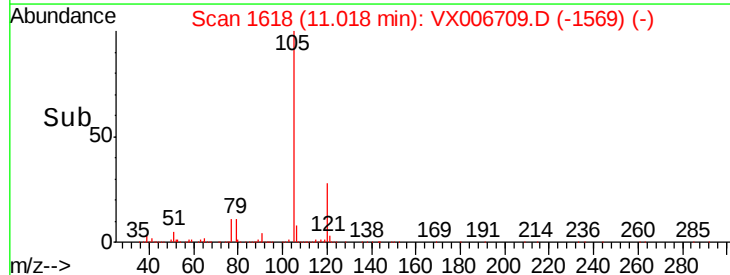
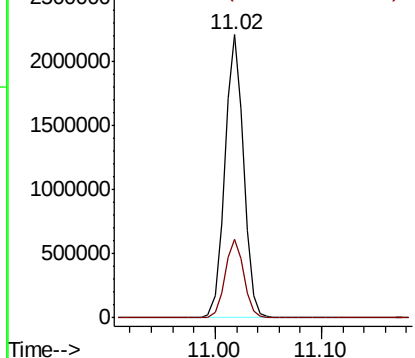
#73

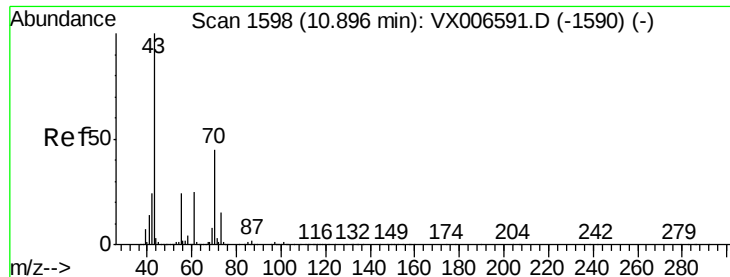
Isopropylbenzene
Concen: 95.131 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	14.1	42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.163 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 501999

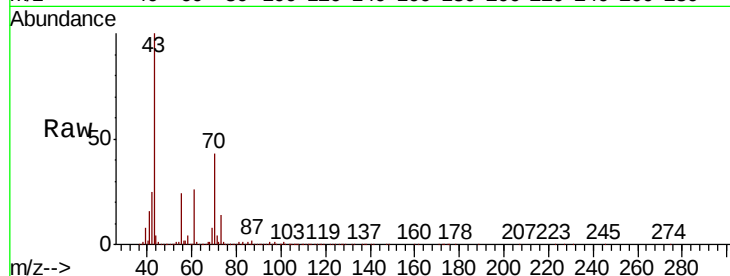
Ion Ratio Lower Upper

43 100

70 44.3 35.8 53.8

55 26.4 19.4 29.0

61 25.3 20.1 30.1

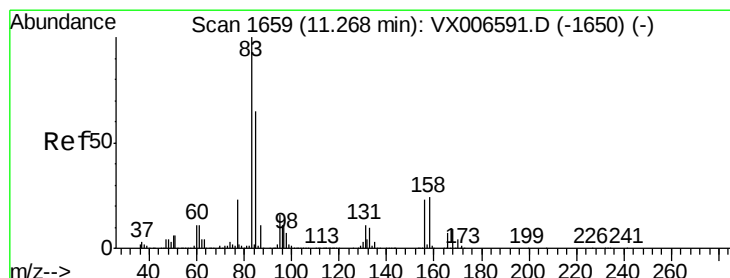
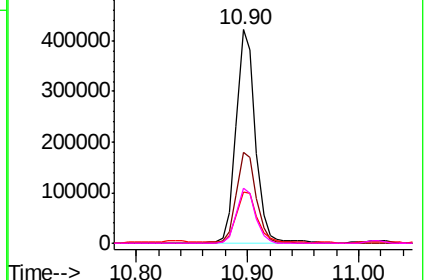
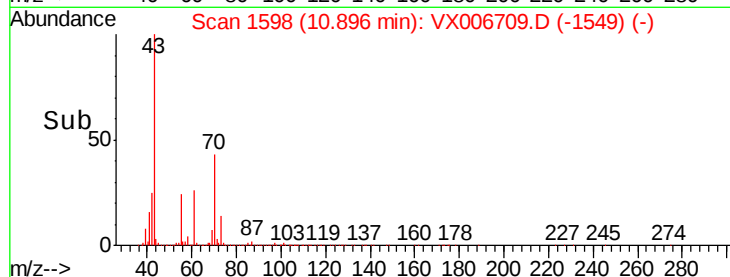


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.093 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

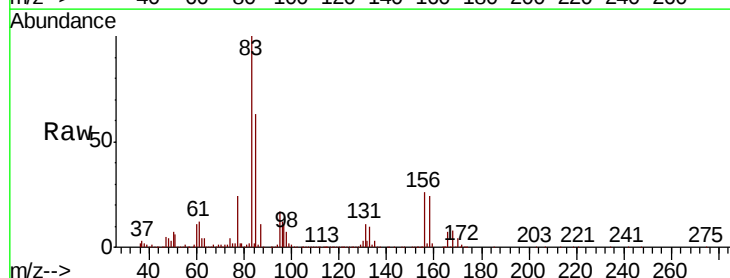
Tgt Ion: 83 Resp: 458920

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

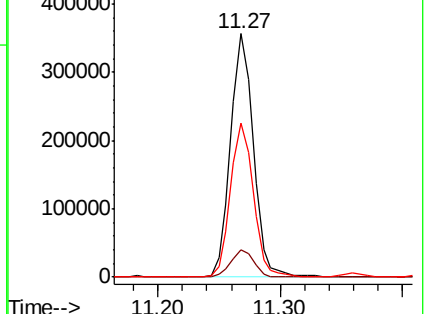
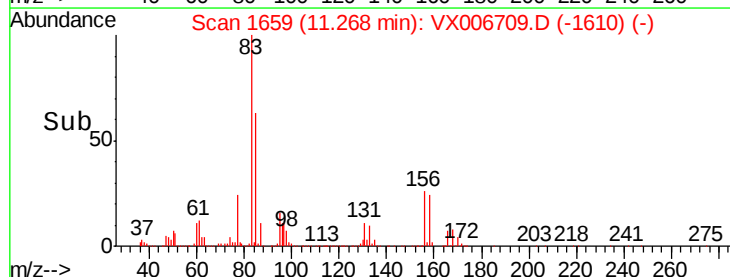
85 63.5 32.2 96.6

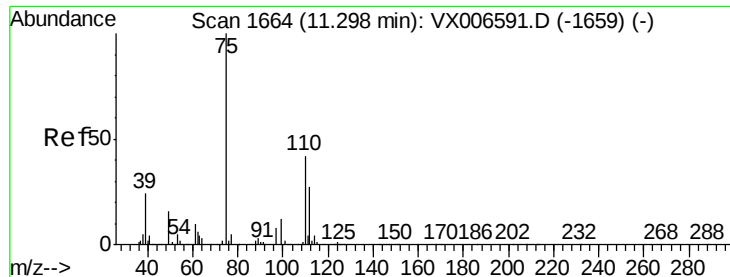


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 61.136 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

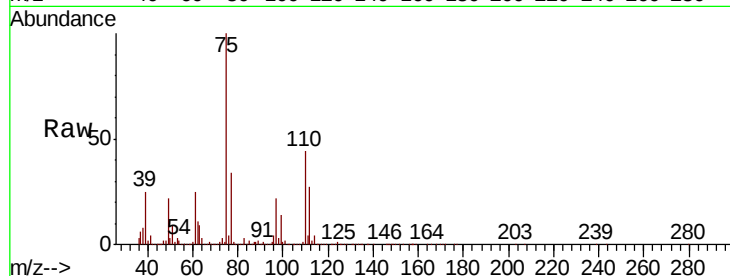
ClientSampleId :

Tot Ion: 75 Resp: 473761

Ion Ratio Lower Upper

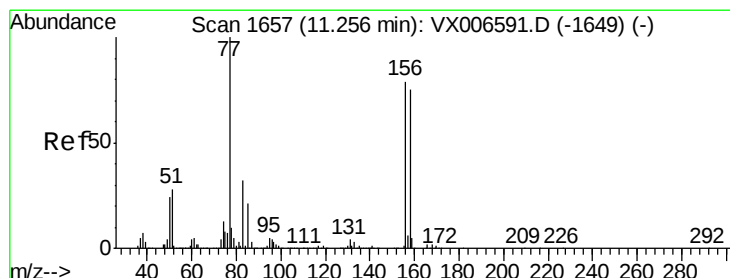
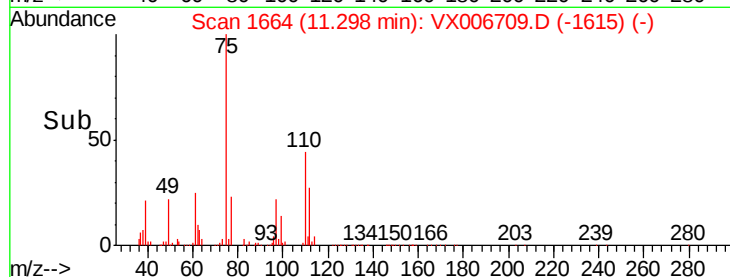
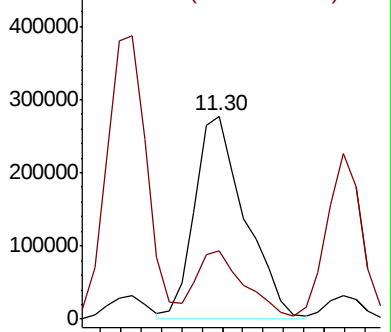
75 100

77 31.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 50.869 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

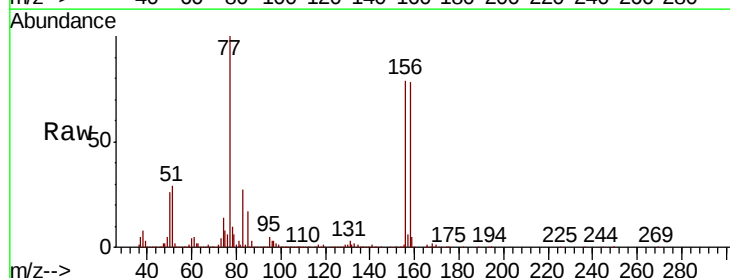
Tgt Ion: 156 Resp: 392319

Ion Ratio Lower Upper

156 100

77 134.7 68.0 204.0

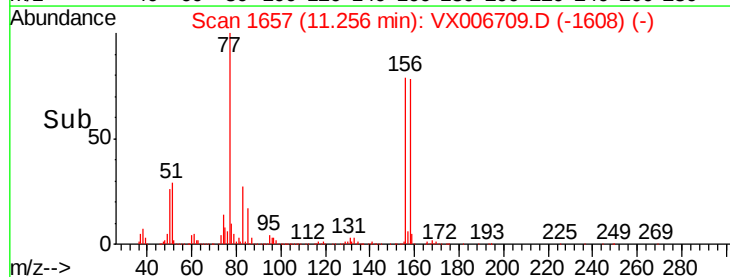
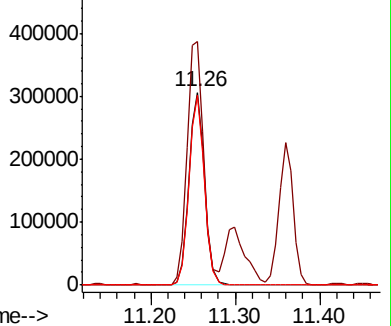
158 97.3 48.3 144.8

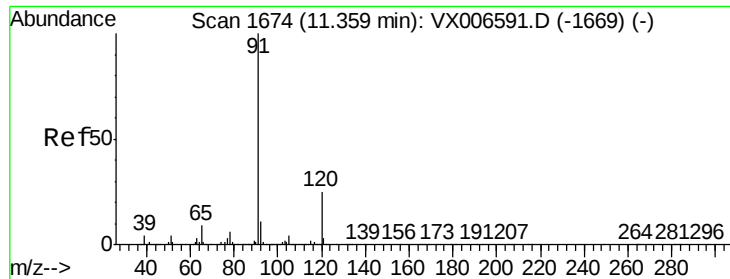


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 219.549 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

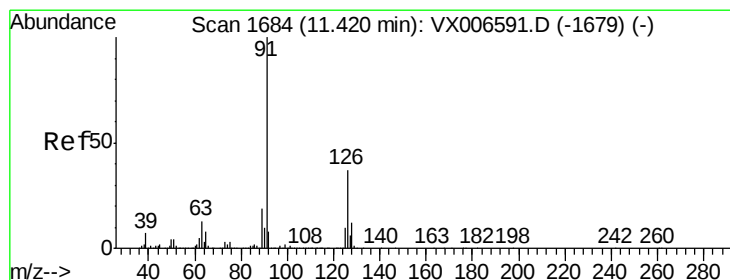
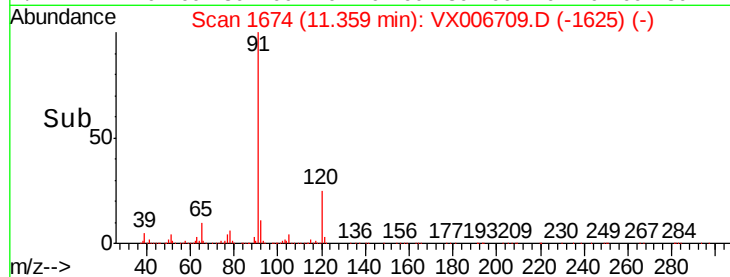
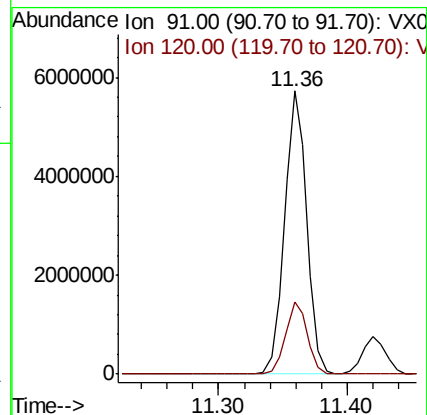
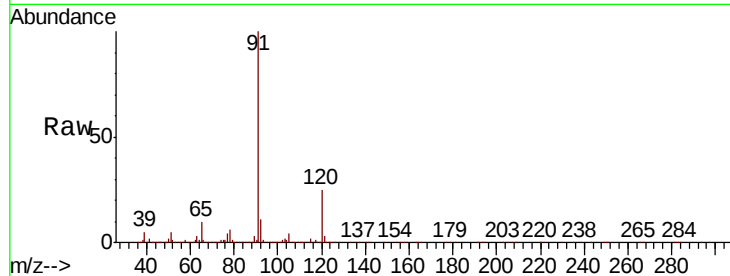
ClientSampleId :

Tot Ion: 91 Resp: 6896808

Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0



#79

2-Chlorotoluene

Concen: 49.989 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006709.D

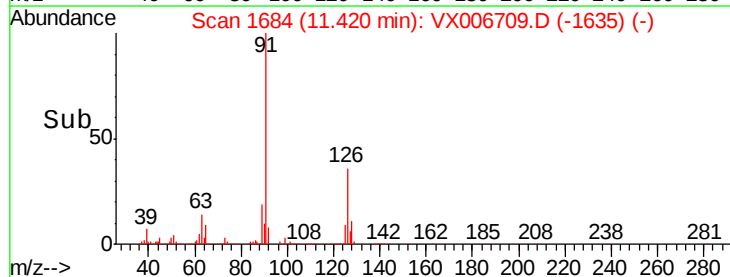
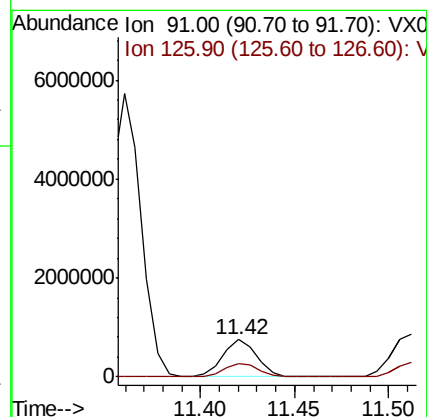
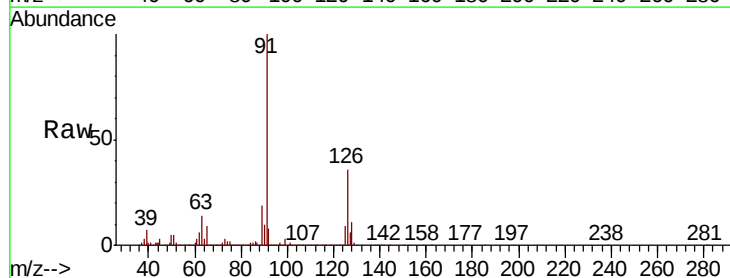
Acq: 21 Dec 2018 06:55

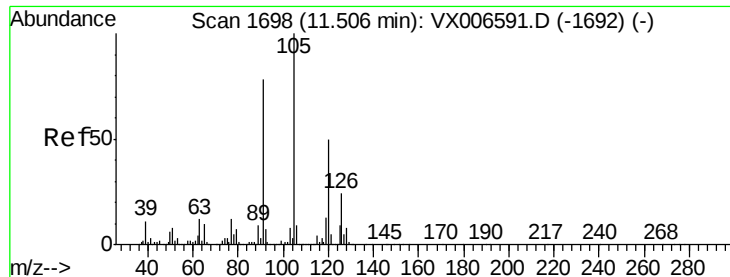
Tgt Ion: 91 Resp: 951644

Ion Ratio Lower Upper

91 100

126 36.8 18.6 56.0





#80

1,3,5-Trimethylbenzene

Concen: 49.989 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

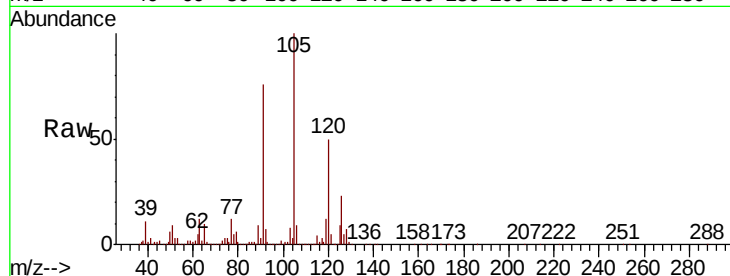
ClientSampleId :

Tot Ion:105 Resp: 1174558

Ion Ratio Lower Upper

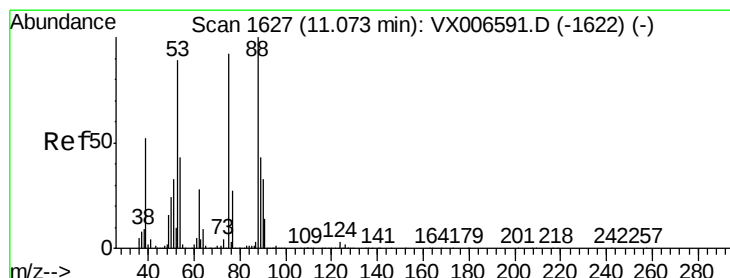
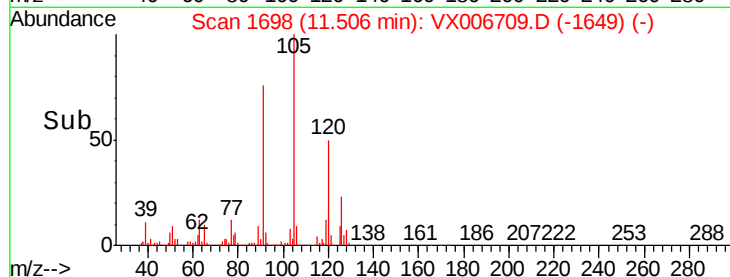
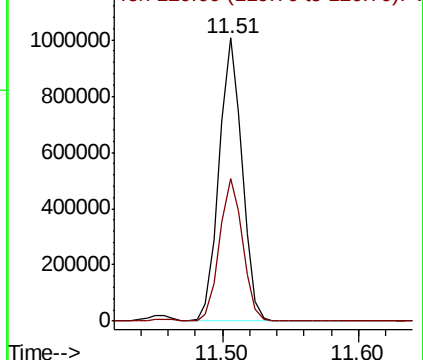
105 100

120 50.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 39.025 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

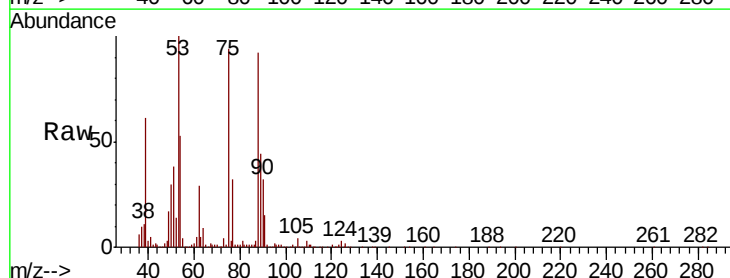
Tgt Ion: 75 Resp: 96787

Ion Ratio Lower Upper

75 100

53 106.8 79.7 119.5

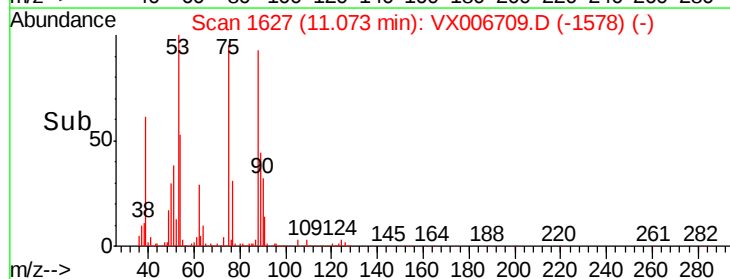
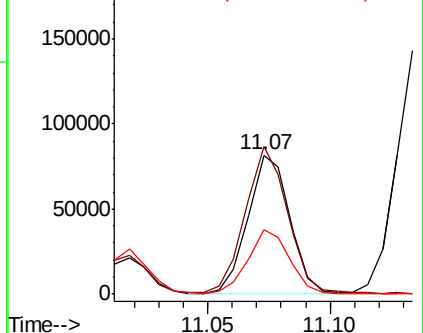
89 47.0 38.0 57.0

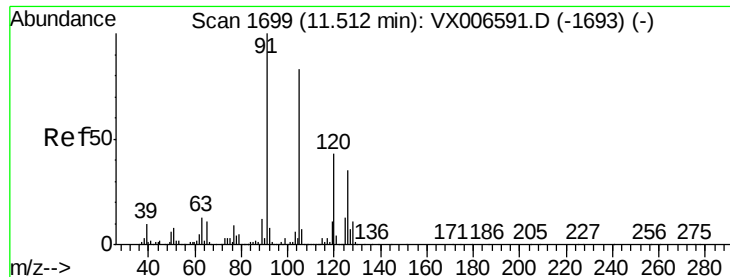


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

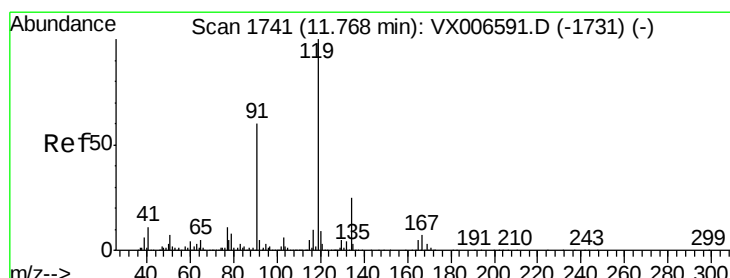
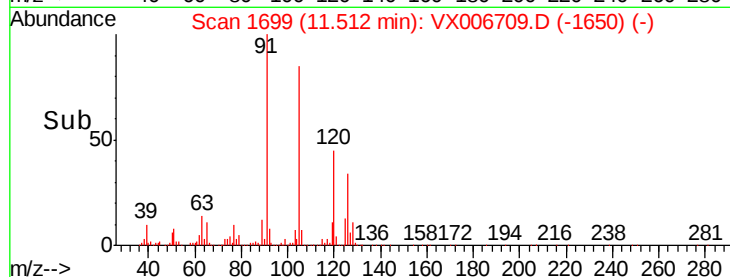
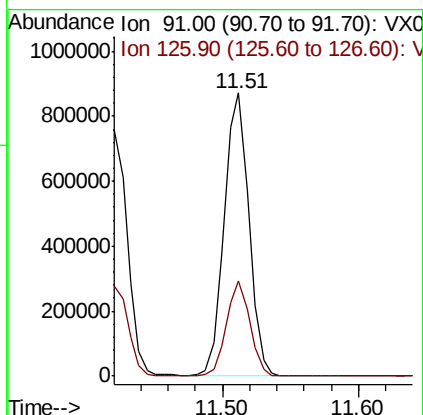
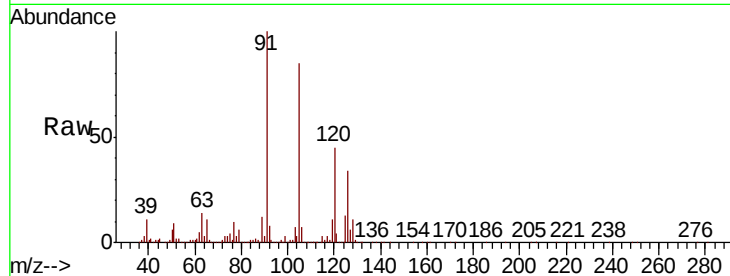




#82
4-Chlorotoluene
Concen: 50.139 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

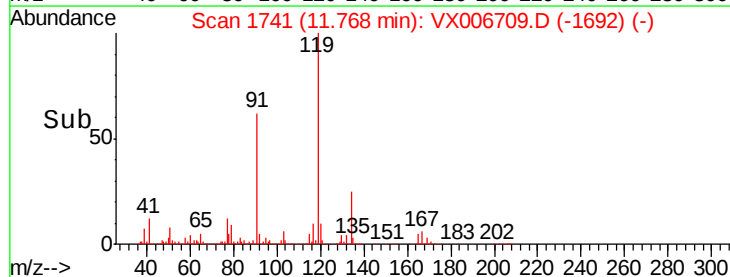
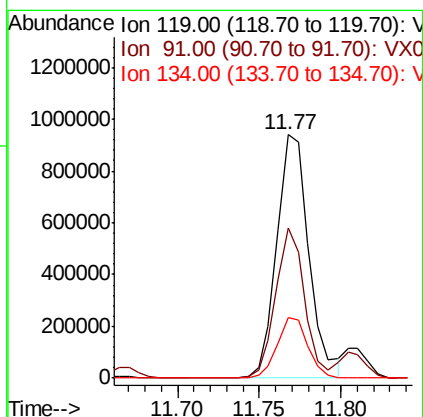
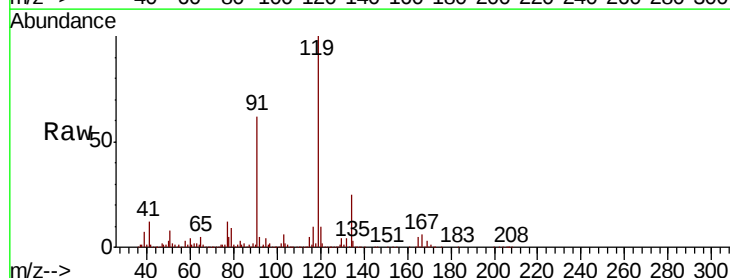
Instrument :
MSVOA_X
ClientSampleId :

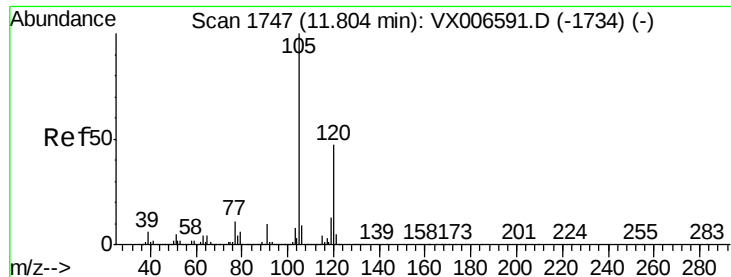
Tot Ion: 91 Resp: 1094871
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.9



#83
tert-Butylbenzene
Concen: 55.131 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion: 119 Resp: 1296473
Ion Ratio Lower Upper
119 100
91 55.0 27.7 83.1
134 23.7 11.9 35.5



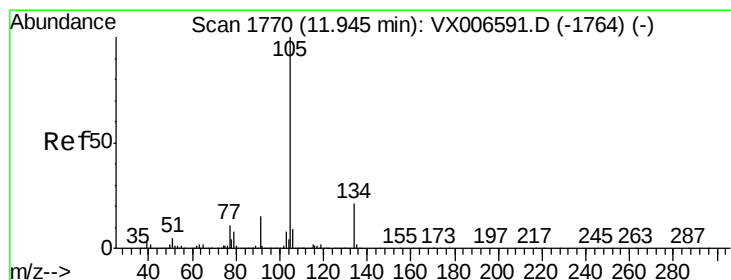
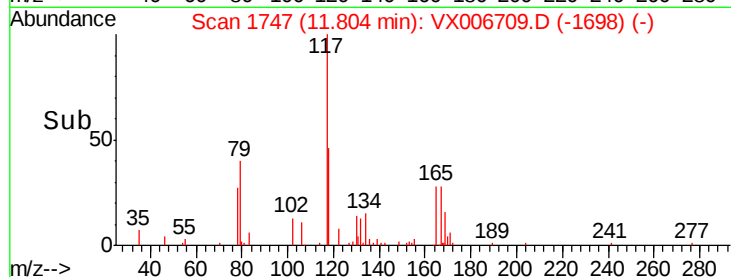
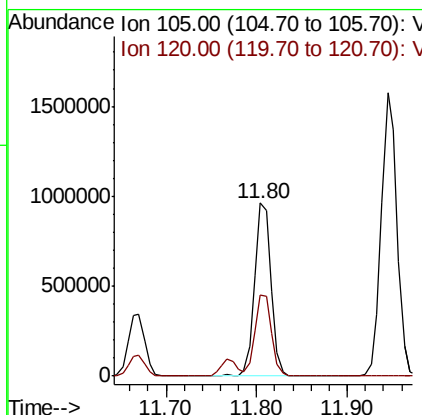
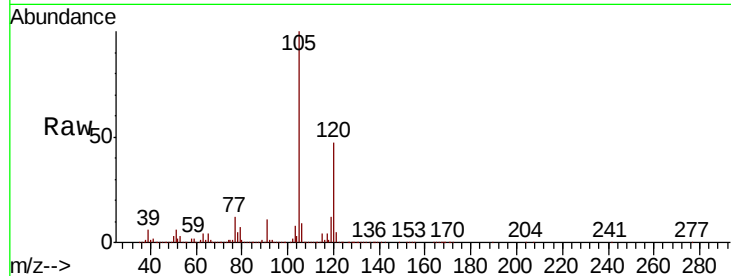


#84

1,2,4-Trimethylbenzene
Concen: 48.700 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

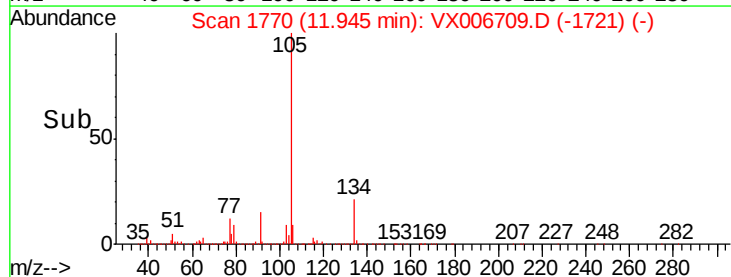
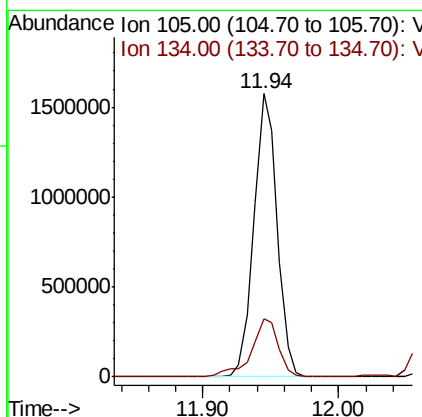
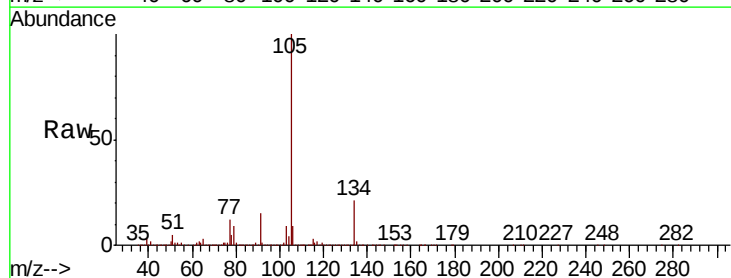
Tot Ion:105 Resp: 1203576
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6

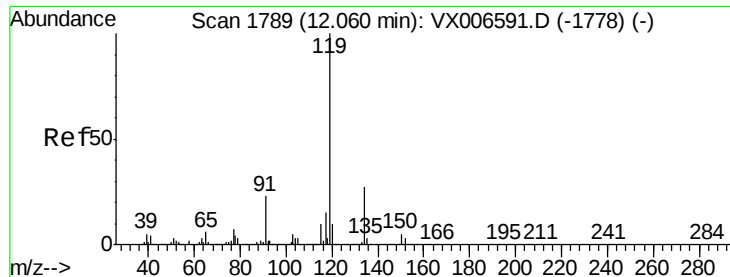


#85

sec-Butylbenzene
Concen: 65.428 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006709.D
Acq: 21 Dec 2018 06:55

Tgt Ion:105 Resp: 1886434
Ion Ratio Lower Upper
105 100
134 24.2 10.7 31.9

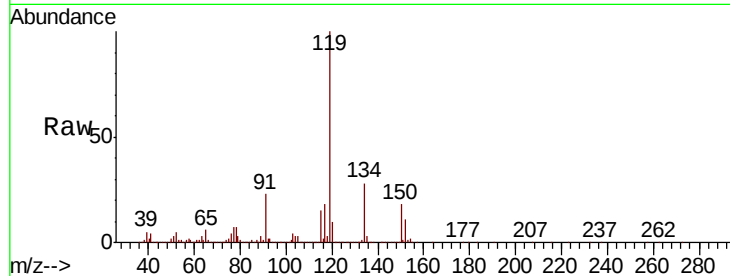




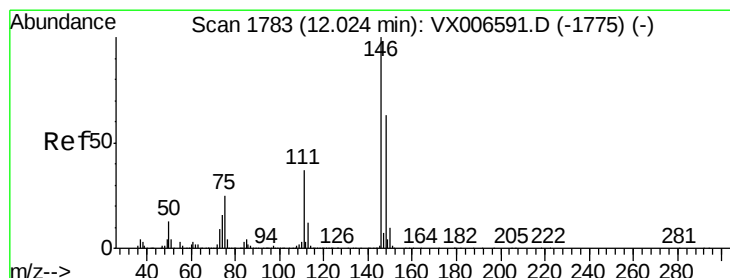
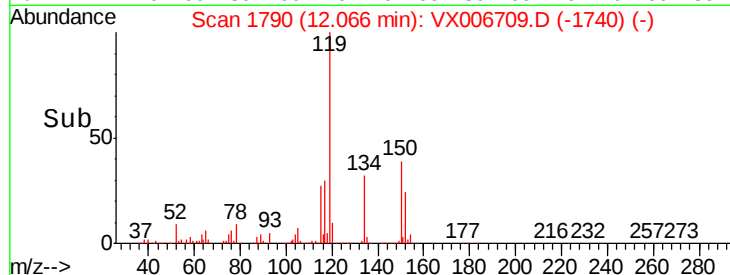
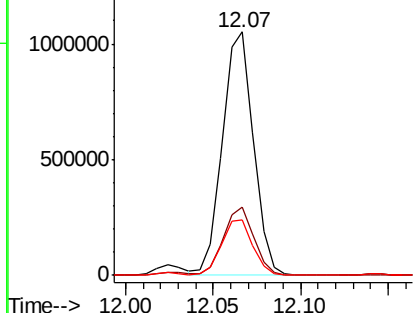
#86
 p-Isopropyltoluene
 Concen: 51.160 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:119 Resp: 1296642
 Ion Ratio Lower Upper
 119 100
 134 27.4 14.0 41.9
 91 22.7 11.3 33.9

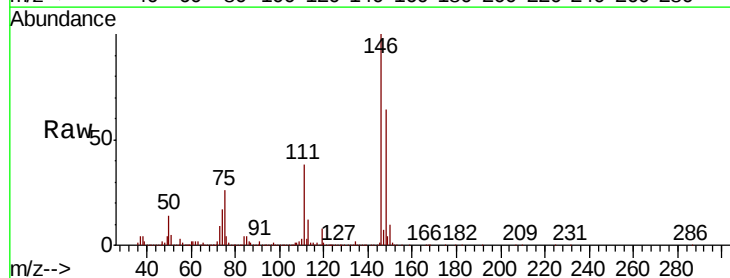


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

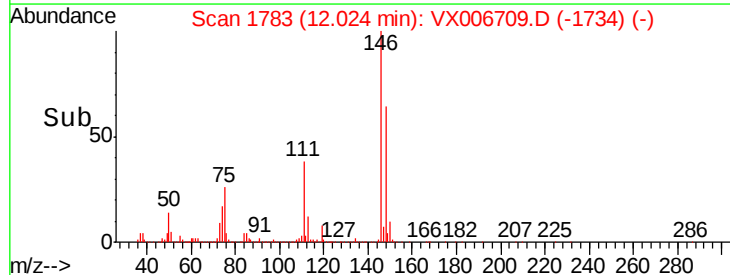
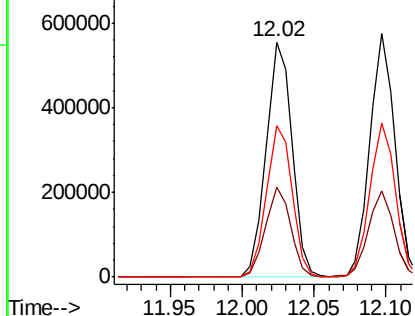


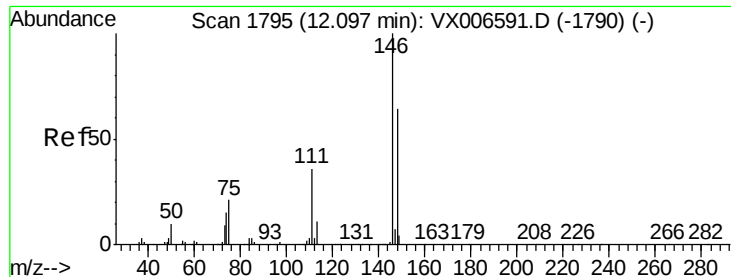
#87
 1,3-Dichlorobenzene
 Concen: 49.591 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion:146 Resp: 689294
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.2 31.8 95.3



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

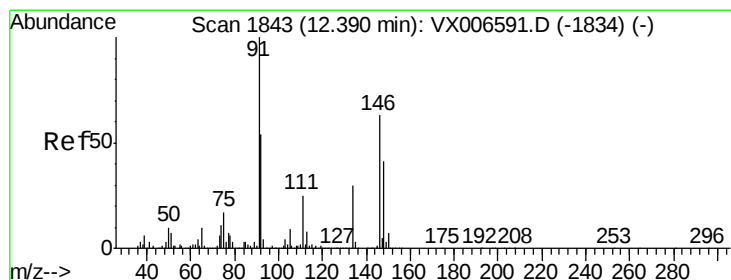
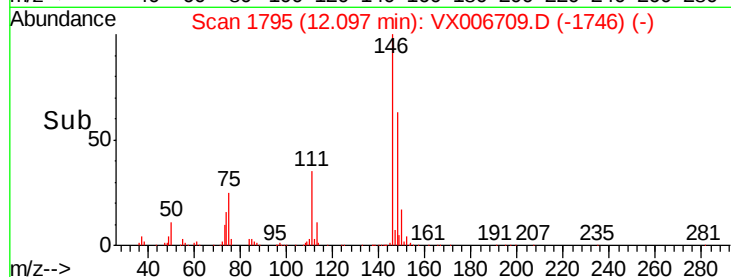
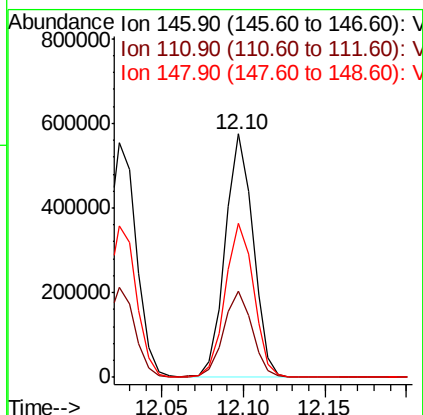
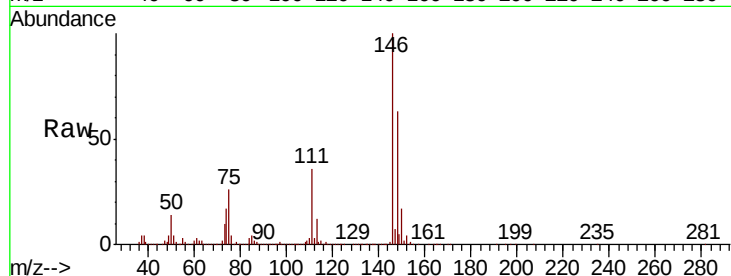




#88
 1,4-Dichlorobenzene
 Concen: 48.079 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

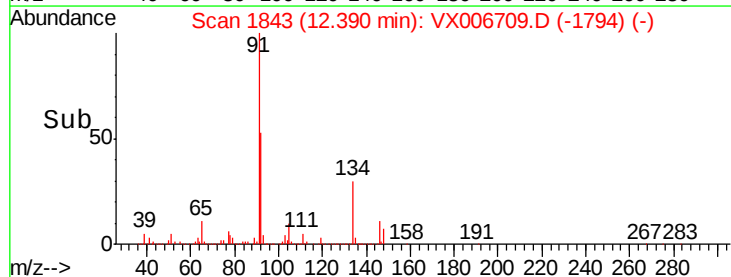
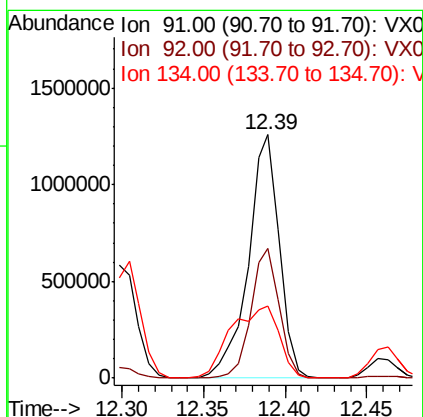
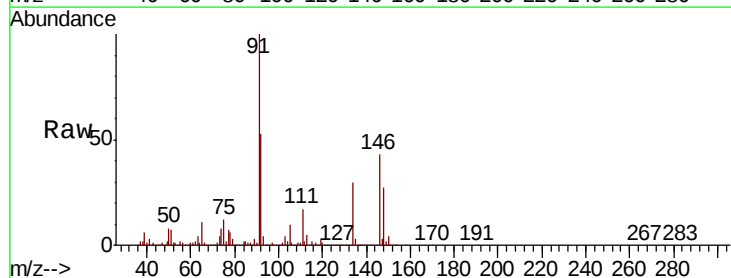
Instrument :
 MSVOA_X
 ClientSampleId :

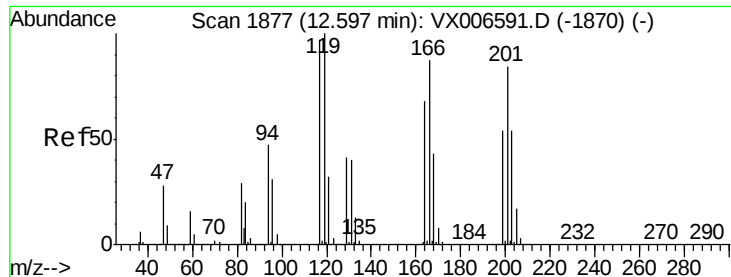
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.5	31.9	95.9



#89
 n-Butylbenzene
 Concen: 77.298 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.5	26.8	80.4
134	46.0	14.4	43.2





#90

Hexachloroethane

Concen: 65.344 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

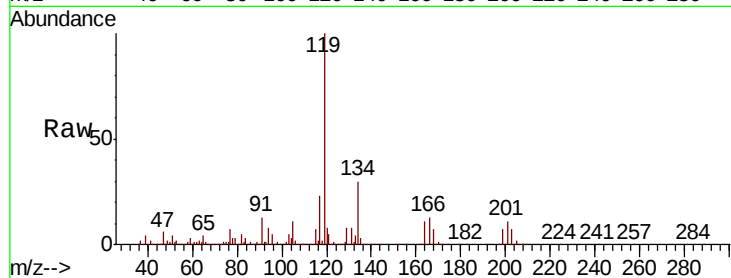
ClientSampleId :

Tot Ion:117 Resp: 263482

Ion Ratio Lower Upper

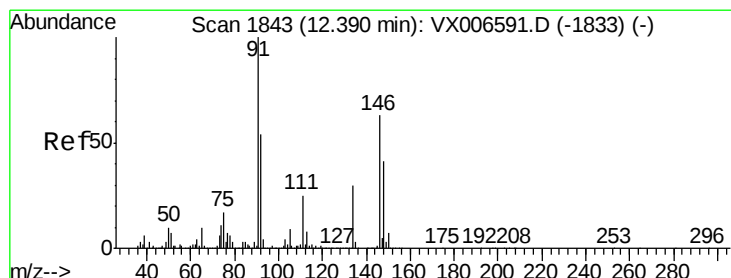
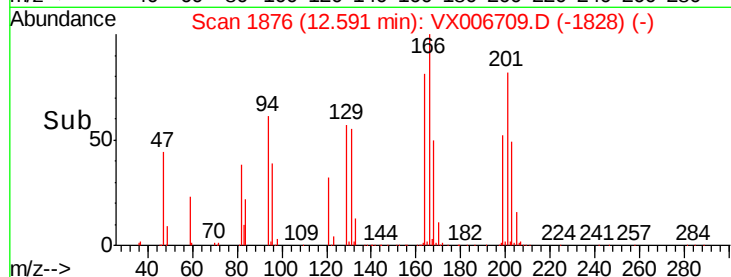
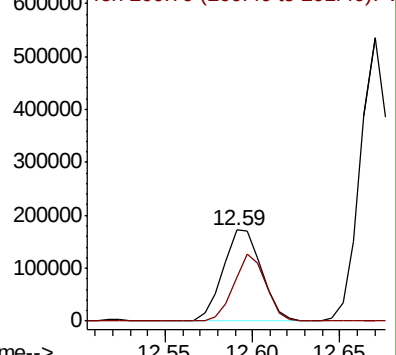
117 100

201 60.8 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.704 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

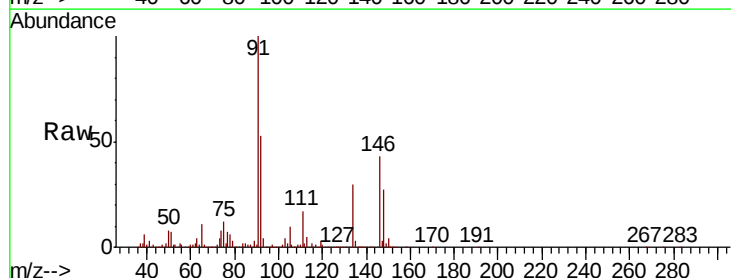
Tgt Ion:146 Resp: 677188

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

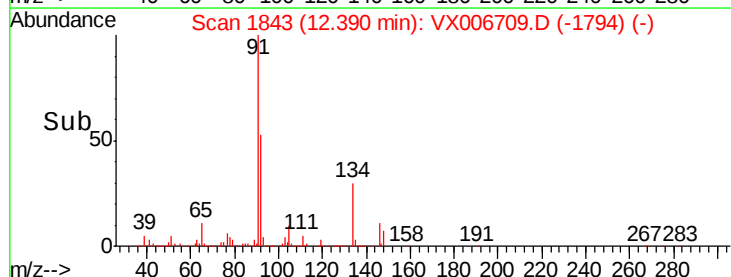
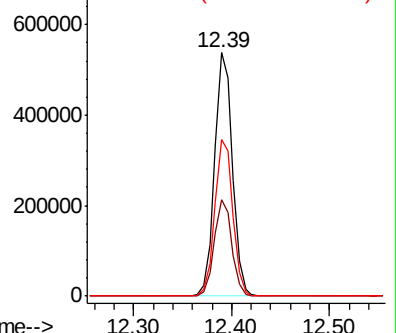
148 64.7 32.3 96.9

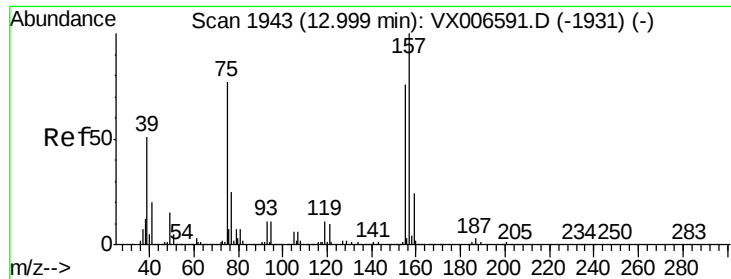


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 74.112 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

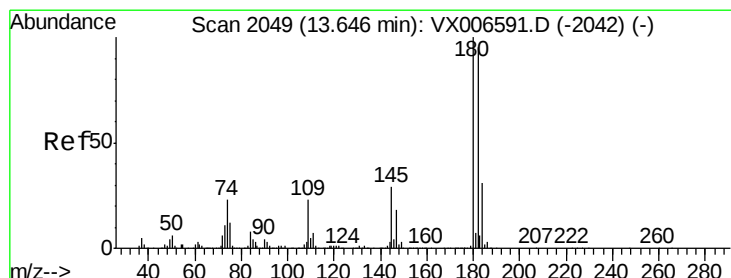
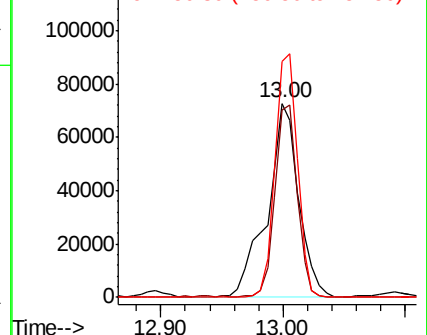
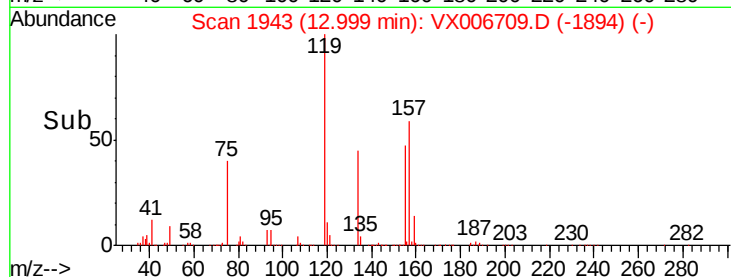
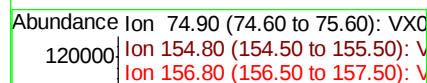
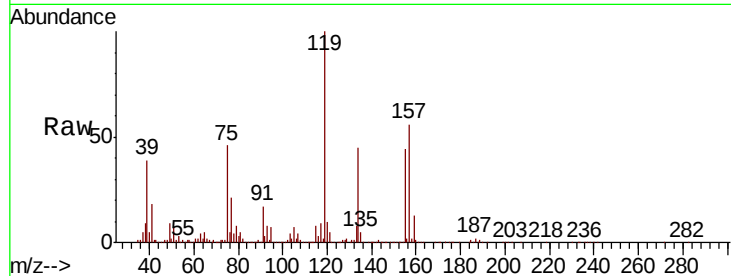
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 130098

Ion	Ratio	Lower	Upper
75	100		
155	70.3	50.6	151.8
157	89.3	64.6	193.8



#93

1,2,4-Trichlorobenzene

Concen: 52.237 ug/l

RT: 13.65 min Scan# 2049

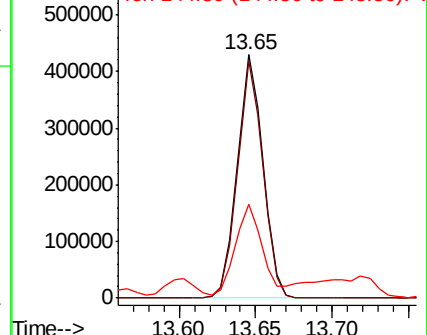
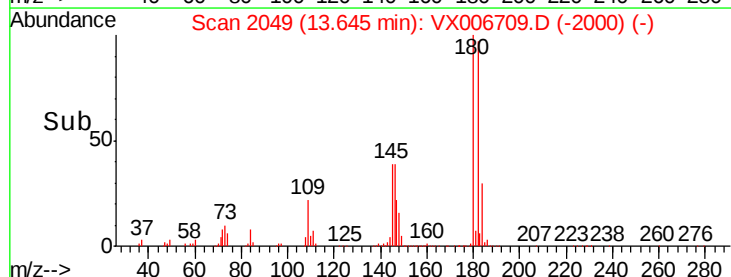
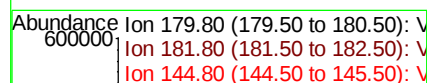
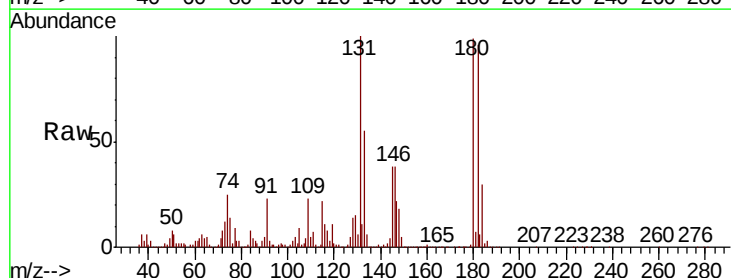
Delta R.T. -0.00 min

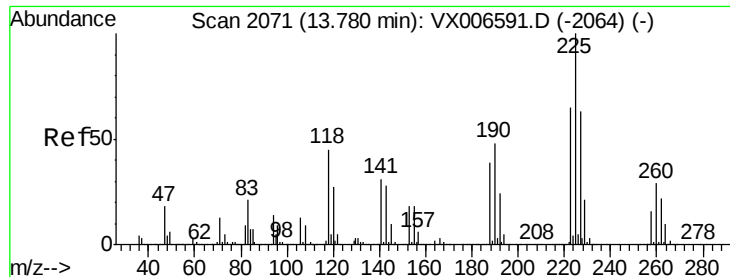
Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Tgt Ion: 180 Resp: 501012

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	41.6	14.8	44.3





#94

Hexachlorobutadiene

Concen: 51.516 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

Instrument :

MSVOA_X

ClientSampled :

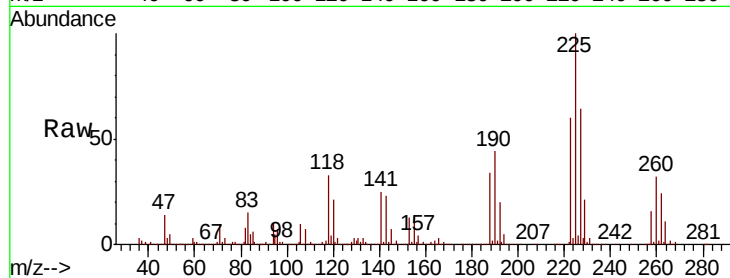
Tot Ion:225 Resp: 232888

Ion Ratio Lower Upper

225 100

223 61.6 32.1 96.3

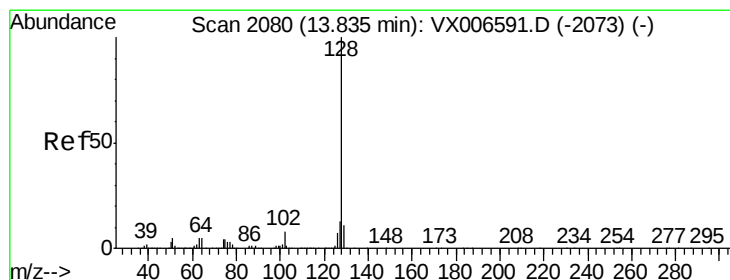
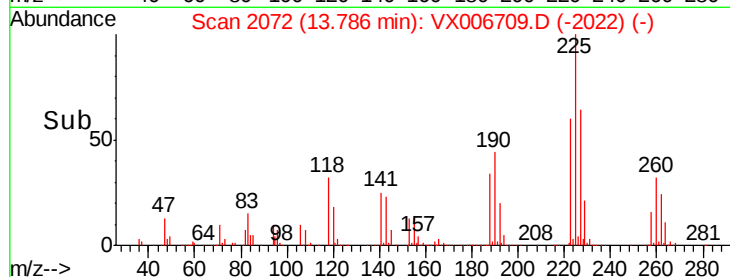
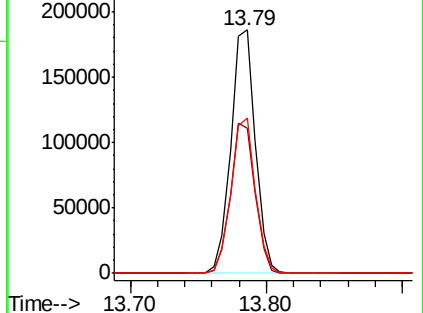
227 63.2 32.3 96.8



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: 53.249 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006709.D

Acq: 21 Dec 2018 06:55

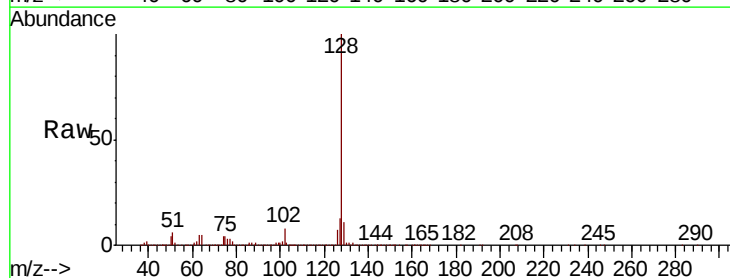
Tgt Ion:128 Resp: 1630030

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

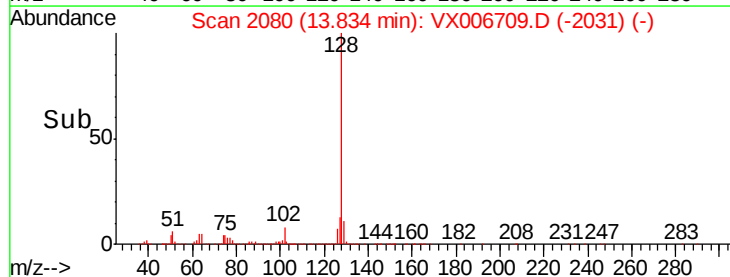
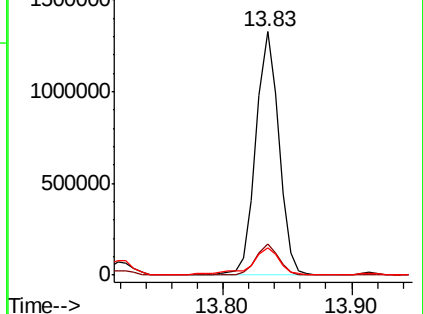
129 13.7 8.6 13.0#

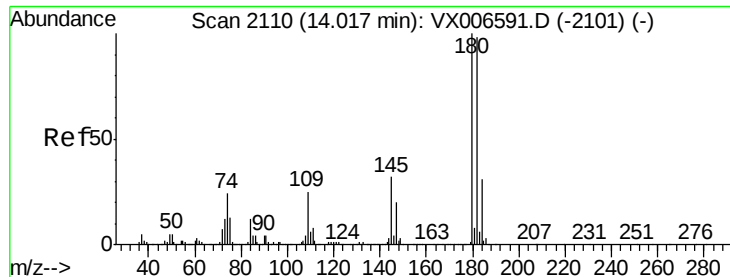


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

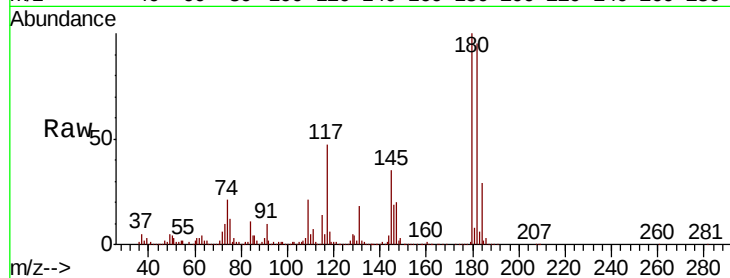




#96
 1,2,3-Trichlorobenzene
 Concen: 51.683 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: VX006709.D
 Acq: 21 Dec 2018 06:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.5
145	35.5	16.0	47.9



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

