

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008226.D
 Acq On : 20 Mar 2019 06:56
 Operator : JC/SP
 Sample : K1882-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 08:41:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	455444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	403741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184950	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	203838	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
35) Dibromofluoromethane	5.50	113	152103	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	8.71	98	555082	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.13	95	194565	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	165702	50.952	ug/l	98
3) Chloromethane	1.33	50	199463	48.879	ug/l	99
4) Vinyl Chloride	1.41	62	204468	50.254	ug/l	100
5) Bromomethane	1.64	94	171401	49.454	ug/l	100
6) Chloroethane	1.72	64	127831	50.109	ug/l	97
7) Trichlorofluoromethane	1.93	101	245506	47.281	ug/l	96
8) Diethyl Ether	2.19	74	150609	56.376	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	160242	46.481	ug/l	91
10) Methyl Iodide	2.51	142	247820	56.456	ug/l	97
11) Tert butyl alcohol	3.06	59	236551	273.518	ug/l	99
12) 1,1-Dichloroethene	2.37	96	171957	52.833	ug/l	90
13) Acrolein	2.29	56	132130	215.537	ug/l	99
14) Allyl chloride	2.73	41	367527	51.874	ug/l	93
15) Acrylonitrile	3.15	53	637284	278.590	ug/l	99
16) Acetone	2.45	43	559371	244.128	ug/l	97
17) Carbon Disulfide	2.57	76	520387	48.997	ug/l	100
18) Methyl Acetate	2.78	43	250297	47.185	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	652047	55.408	ug/l	97
20) Methylene Chloride	2.86	84	202651	53.039	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	183261	52.121	ug/l	92
22) Diisopropyl ether	3.86	45	763909	55.052	ug/l	93
23) Vinyl Acetate	3.82	43	2623107	220.490	ug/l	98
24) 1,1-Dichloroethane	3.70	63	384448	53.868	ug/l	99
25) 2-Butanone	4.68	43	918032	271.424	ug/l	97
26) 2,2-Dichloropropane	4.59	77	190930	35.513	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	215276	53.708	ug/l	94
28) Bromochloromethane	5.02	49	160058	49.945	ug/l	# 82
29) Tetrahydrofuran	5.13	42	607867	287.493	ug/l	97
30) Chloroform	5.21	83	363617	54.467	ug/l	99
31) Cyclohexane	5.58	56	309285	46.150	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	295982	53.298	ug/l	97
36) 1,1-Dichloropropene	5.80	75	260646	49.155	ug/l	97
37) Ethyl Acetate	4.84	43	287791	45.913	ug/l	98
38) Carbon Tetrachloride	5.79	117	237784	50.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	269160	42.181	ug/l	95
40) Benzene	6.15	78	830804	52.936	ug/l	99
41) Methacrylonitrile	5.04	41	196427	55.866	ug/l	97
42) 1,2-Dichloroethane	6.20	62	306632	53.333	ug/l	96
43) Isopropyl Acetate	6.45	43	493342	49.102	ug/l	97
44) Trichloroethene	7.21	130	196946	51.322	ug/l	89
45) 1,2-Dichloropropane	7.51	63	232885	53.007	ug/l	99
46) Dibromomethane	7.66	93	141679	53.261	ug/l	87
47) Bromodichloromethane	7.90	83	276132	54.468	ug/l	98
48) Methyl methacrylate	7.77	41	296081	55.423	ug/l	93
49) 1,4-Dioxane	7.74	88	101356	1075.136	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1813083	279.132	ug/l	98
52) Toluene	8.79	92	483118	51.887	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	293313	46.307	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	316582	50.318	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	208479	55.418	ug/l	98
56) Ethyl methacrylate	9.18	69	343015	51.962	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	363617	54.639	ug/l	100
59) 2-Hexanone	9.49	43	1374894	274.941	ug/l	96
60) Dibromochloromethane	9.58	129	204904	56.676	ug/l	99
61) 1,2-Dibromoethane	9.67	107	215127	54.767	ug/l	99
64) Tetrachloroethene	9.34	164	180282	49.494	ug/l	97
65) Chlorobenzene	10.14	112	505170	50.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	188697	54.478	ug/l	99
67) Ethyl Benzene	10.25	91	878119	50.160	ug/l	97
68) m/p-Xylenes	10.36	106	640394	99.582	ug/l	93
69) o-Xylene	10.70	106	320027	51.214	ug/l	93
70) Stvrene	10.71	104	533429	52.526	ug/l	96
71) Bromoform	10.85	173	148485	49.764	ug/l #	100
73) Isopropylbenzene	11.02	105	813518	49.347	ug/l	98
74) N-amyl acetate	10.90	43	375006	43.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	315217	53.324	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	368066	70.756	ug/l	90
77) Bromobenzene	11.26	156	209428	52.542	ug/l	86
78) n-propylbenzene	11.36	91	930957	48.621	ug/l	96
79) 2-Chlorotoluene	11.42	91	575029	50.036	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	675131	49.570	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	90290	44.413	ug/l	93
82) 4-Chlorotoluene	11.51	91	668959	50.022	ug/l	95
83) tert-Butylbenzene	11.77	119	634281	48.779	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	694683	50.312	ug/l	98
85) sec-Butylbenzene	11.94	105	764388	47.469	ug/l	97
86) p-Isopropyltoluene	12.06	119	669578	48.037	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	358752	50.363	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	357438	48.511	ug/l	98
89) n-Butylbenzene	12.38	91	595568	45.524	ug/l	97
90) Hexachloroethane	12.60	117	117977	49.698	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	365049	50.825	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	70082	53.377	ug/l	80
93) 1,2,4-Trichlorobenzene	13.65	180	234776	49.625	ug/l	99

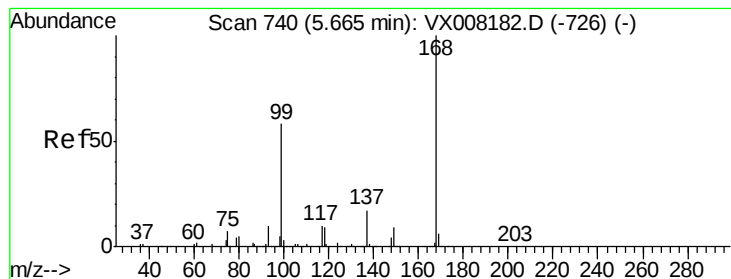
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	102808	44.557	ug/l	98
95) Naphthalene	13.83	128	820648	54.959	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	241446	51.866	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

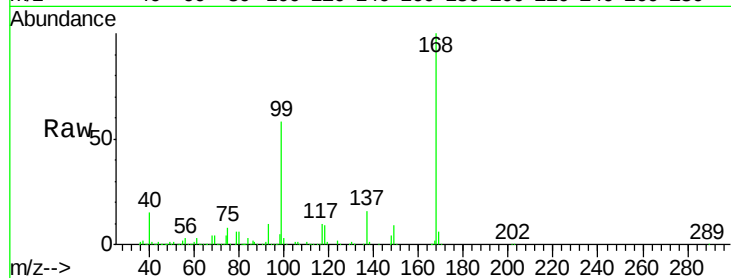
ClientSampled :

Tot Ion:168 Resp: 268240

Ion Ratio Lower Upper

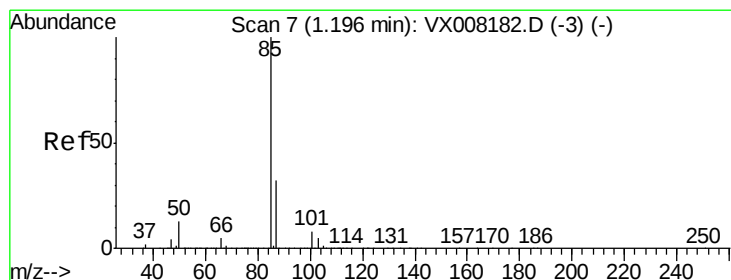
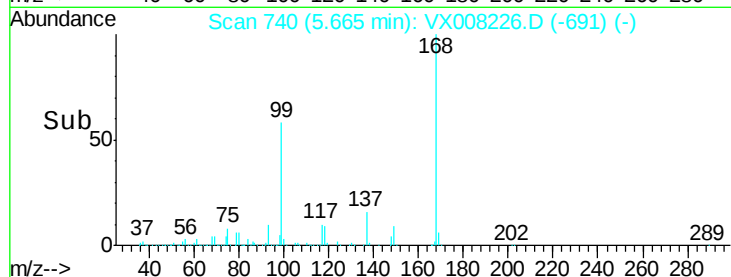
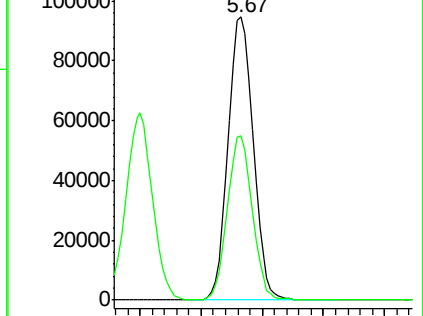
168 100

99 58.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.952 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008226.D

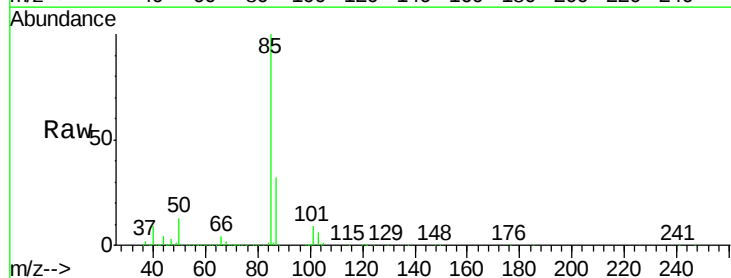
Acq: 20 Mar 2019 06:56

Tgt Ion: 85 Resp: 165702

Ion Ratio Lower Upper

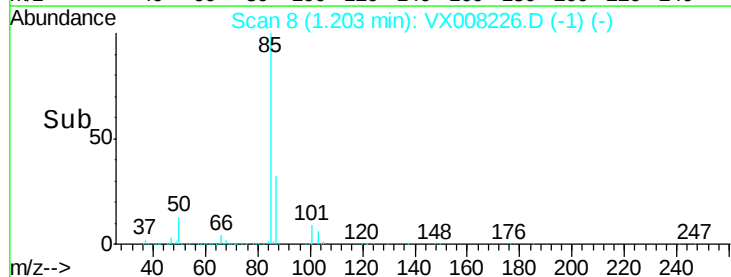
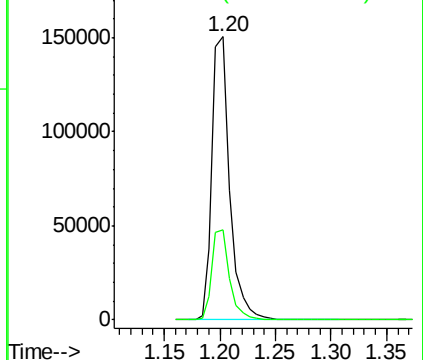
85 100

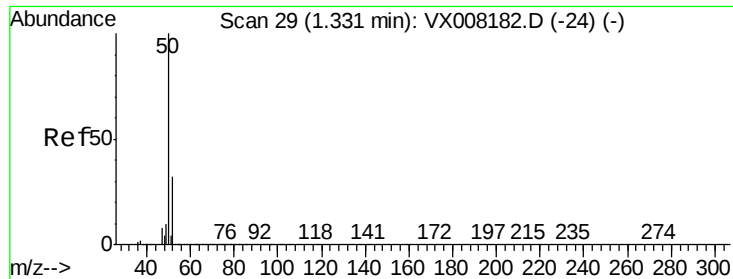
87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.879 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

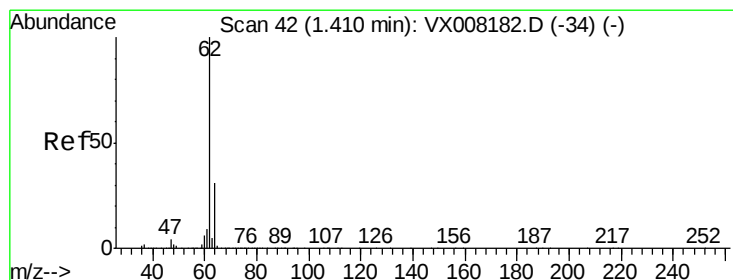
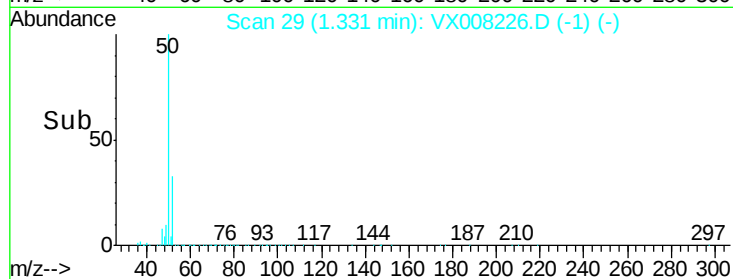
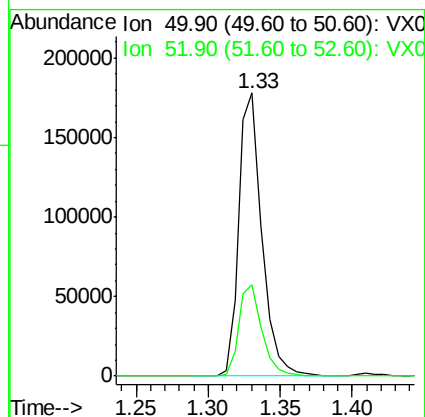
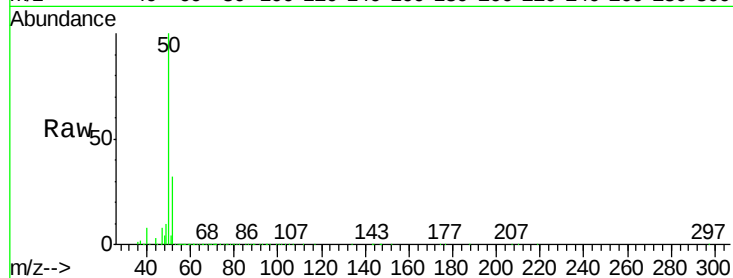
ClientSampleId :

Tot Ion: 50 Resp: 199463

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 50.254 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008226.D

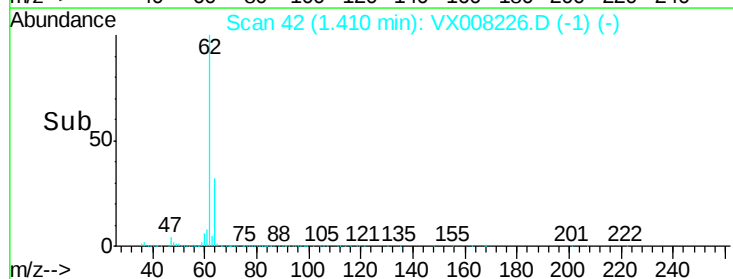
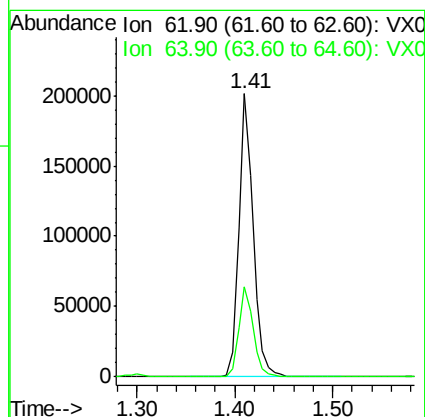
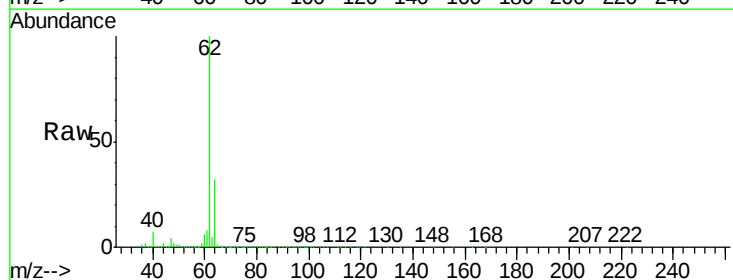
Acq: 20 Mar 2019 06:56

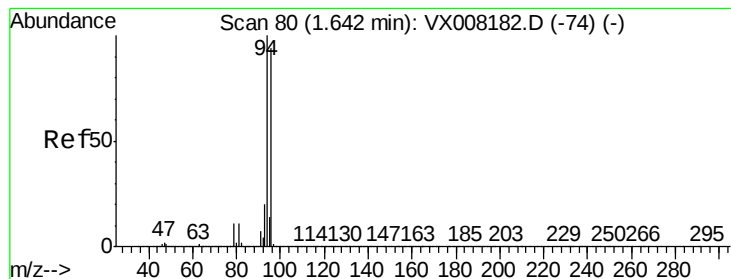
Tgt Ion: 62 Resp: 204468

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 49.454 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

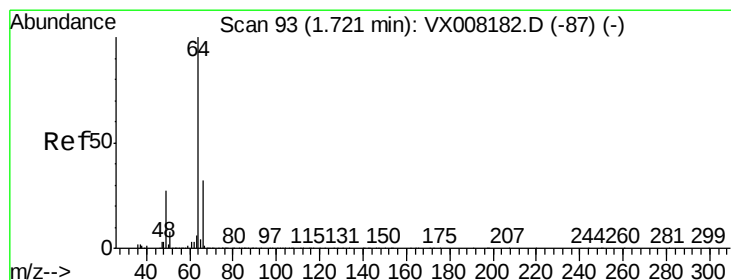
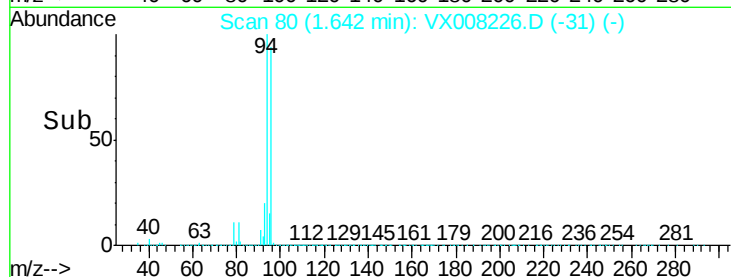
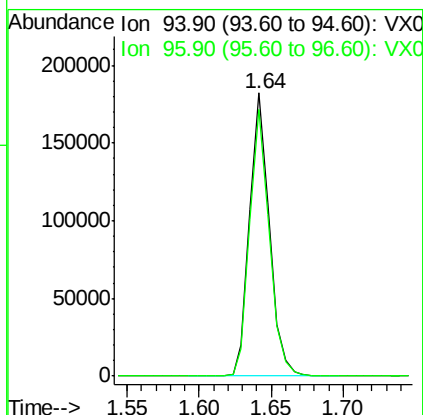
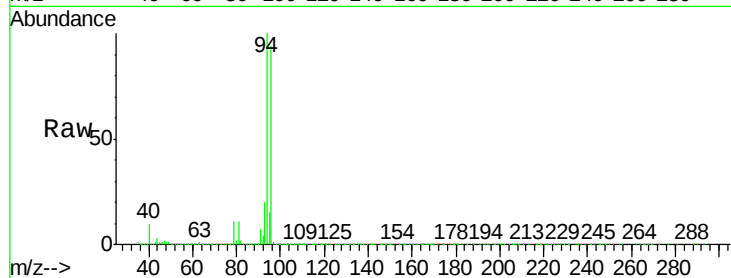
ClientSampled :

Tot Ion: 94 Resp: 171401

Ion Ratio Lower Upper

94 100

96 94.1 75.5 113.3



#6

Chloroethane

Concen: 50.109 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008226.D

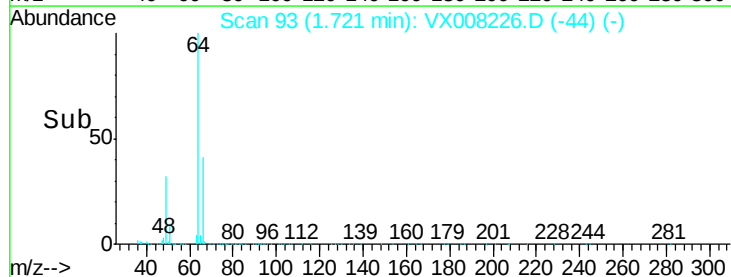
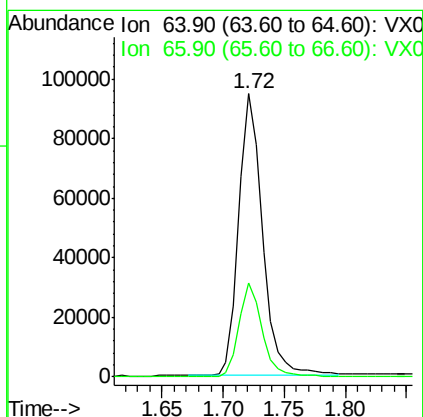
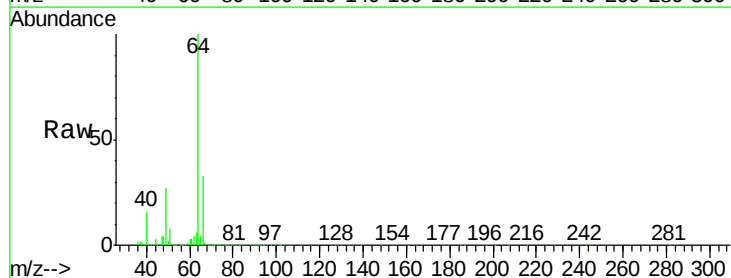
Acq: 20 Mar 2019 06:56

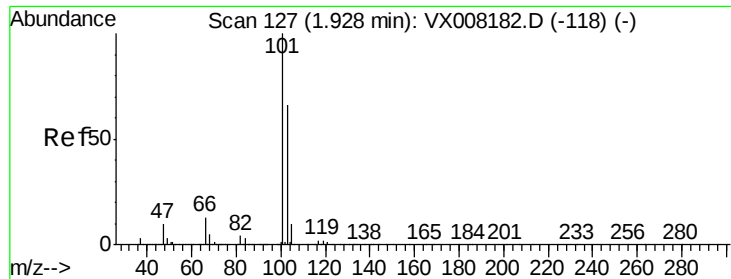
Tgt Ion: 64 Resp: 127831

Ion Ratio Lower Upper

64 100

66 33.2 25.2 37.8



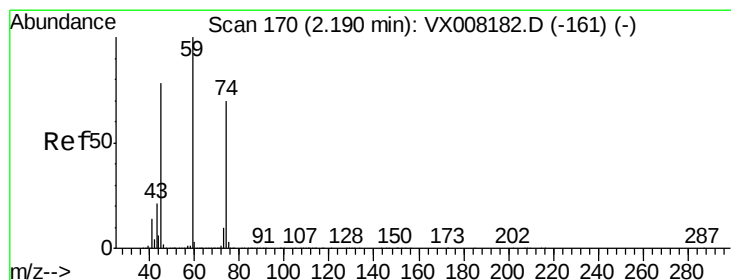
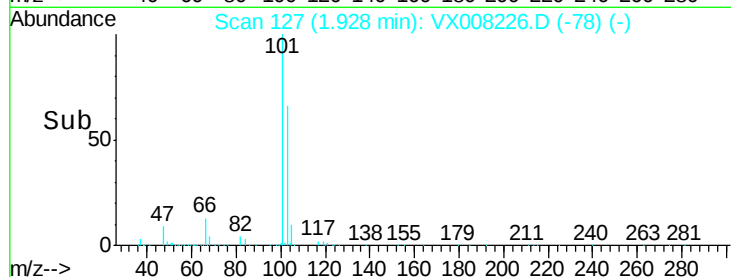
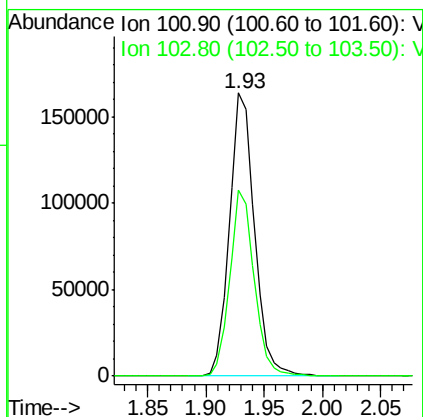
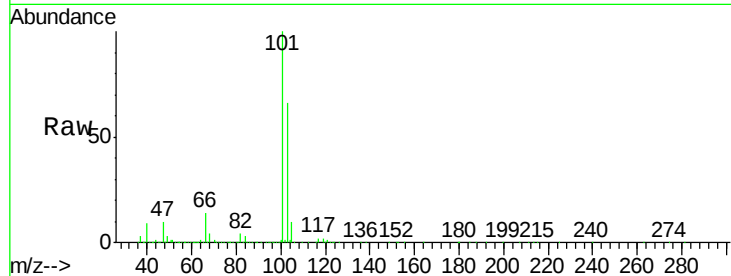


#7

Trichlorofluoromethane
Concen: 47.281 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :

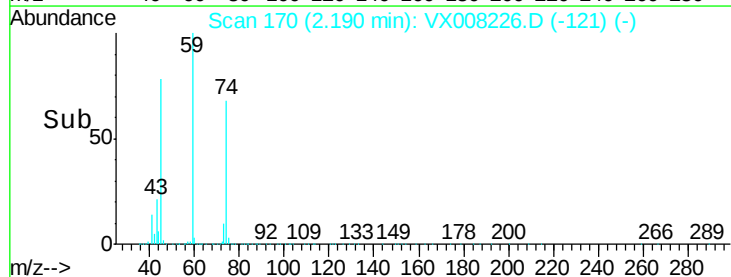
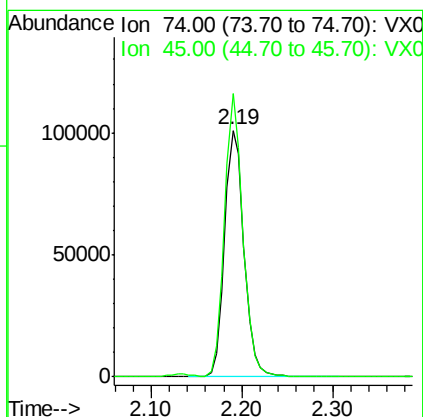
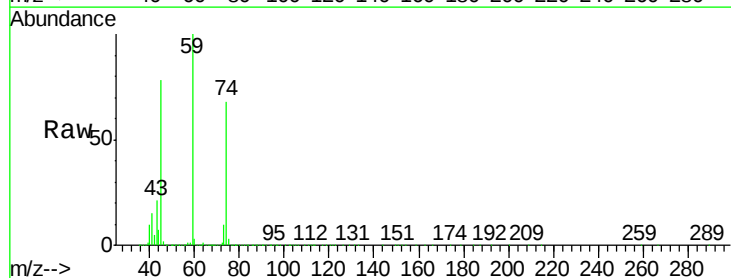
Tot Ion:101 Resp: 245506
Ion Ratio Lower Upper
101 100
103 65.8 50.4 75.6

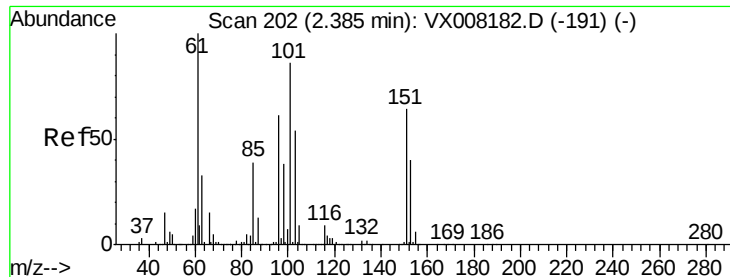


#8

Diethyl Ether
Concen: 56.376 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion: 74 Resp: 150609
Ion Ratio Lower Upper
74 100
45 108.0 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.481 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampled :

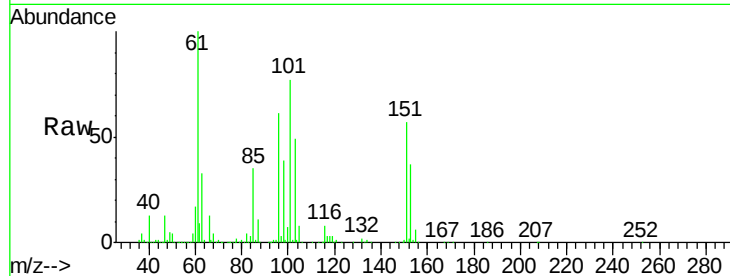
Tot Ion:101 Resp: 160242

Ion Ratio Lower Upper

101 100

85 44.9 33.8 50.6

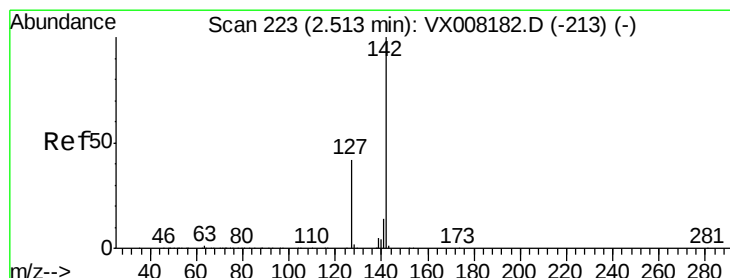
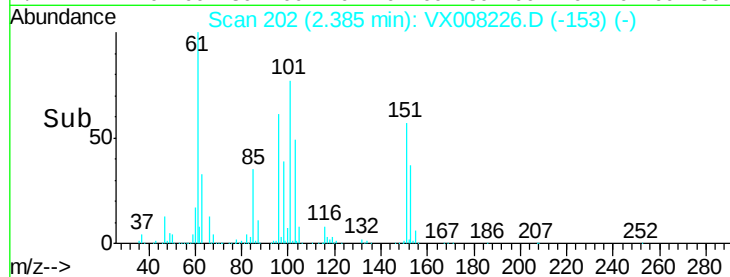
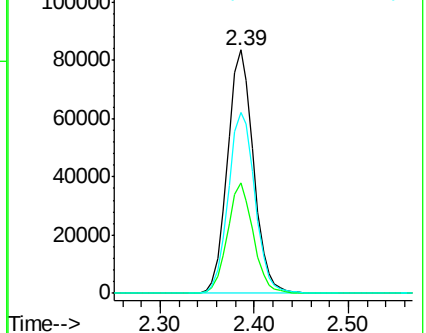
151 76.5 69.1 103.7



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: 56.456 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

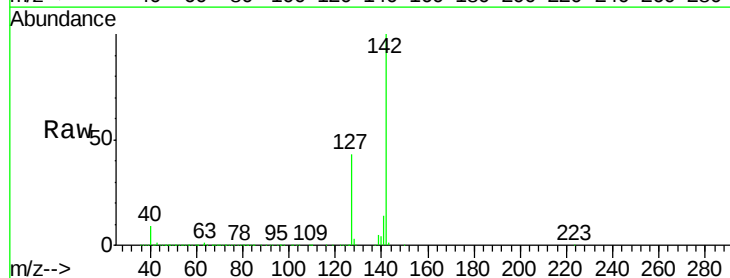
Tgt Ion:142 Resp: 247820

Ion Ratio Lower Upper

142 100

127 42.9 32.1 48.1

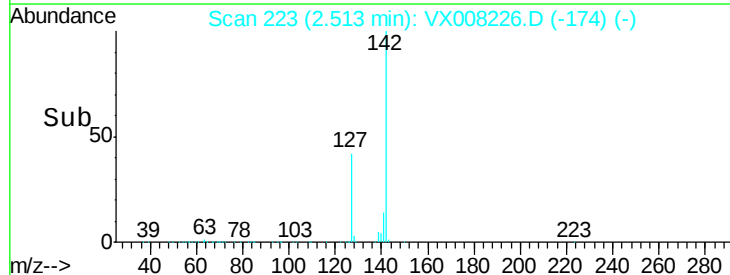
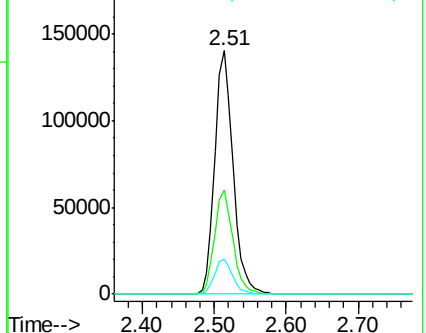
141 14.3 11.4 17.2

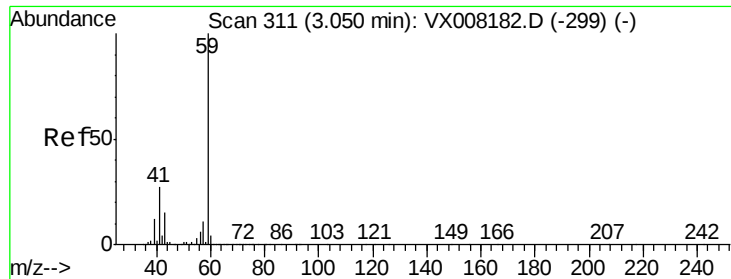


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



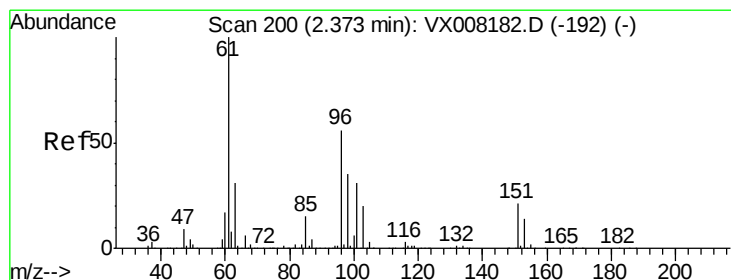
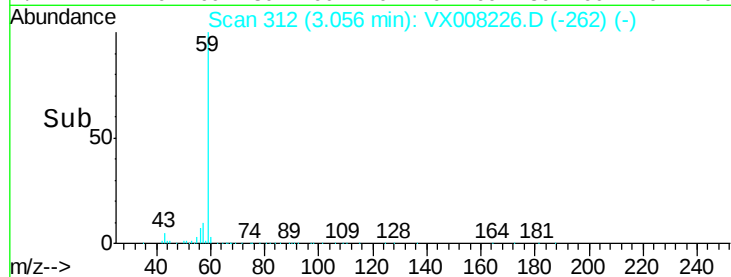
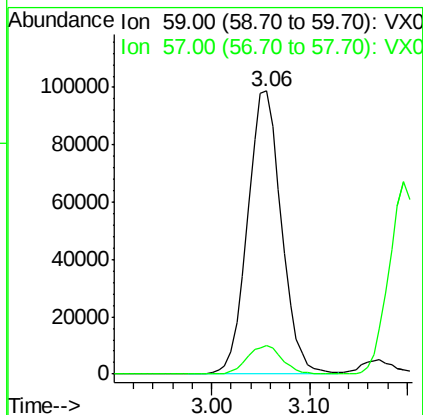
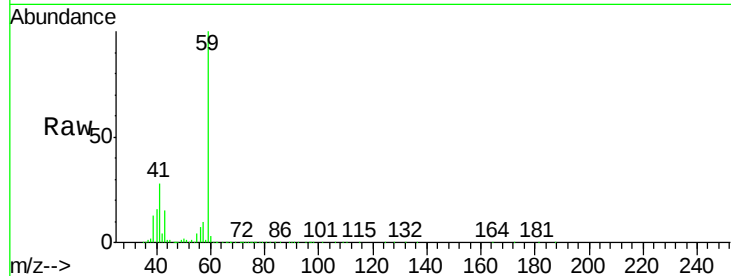


#11

Tert butyl alcohol
Concen: 273.518 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampled :

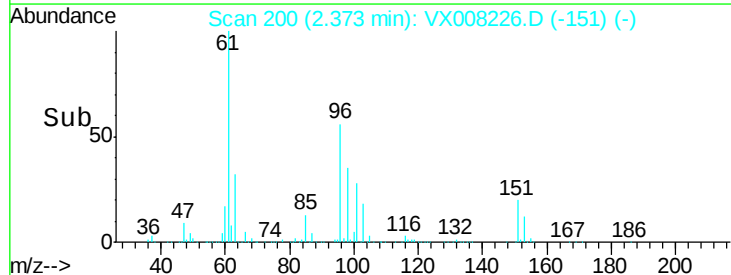
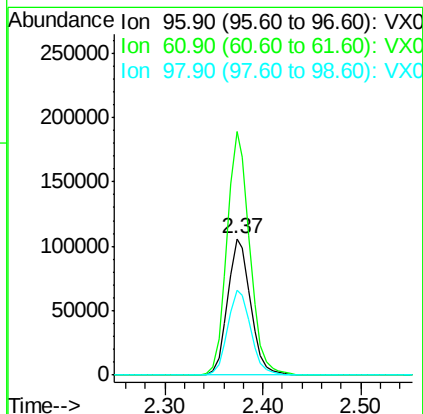
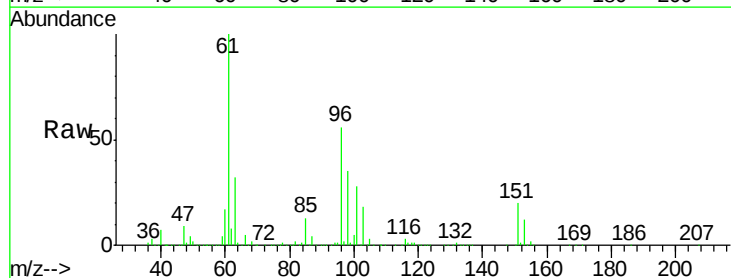
Tot Ion: 59 Resp: 236551
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

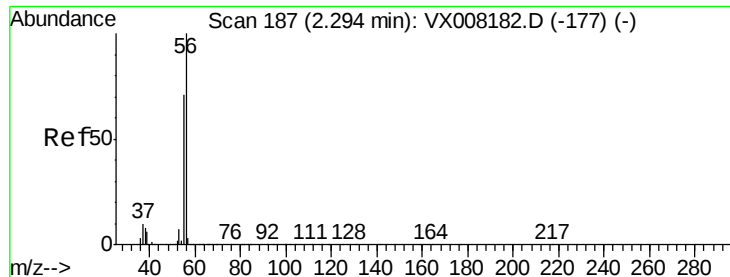


#12

1,1-Dichloroethene
Concen: 52.833 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion: 96 Resp: 171957
Ion Ratio Lower Upper
96 100
61 178.9 129.8 194.6
98 62.2 51.0 76.6





#13

Acrolein

Concen: 215.537 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

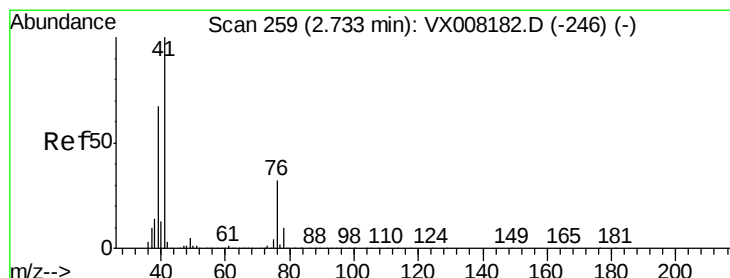
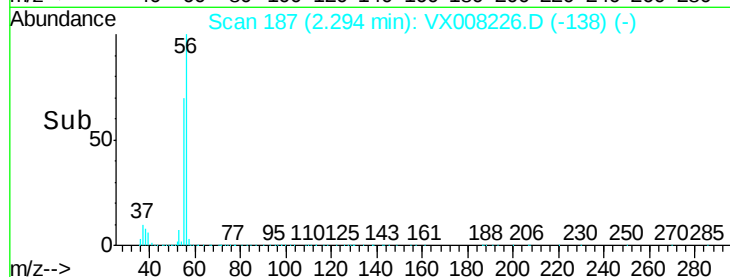
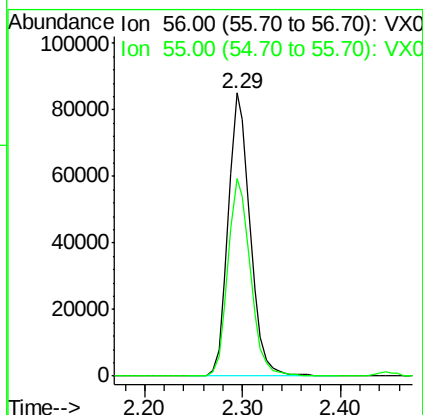
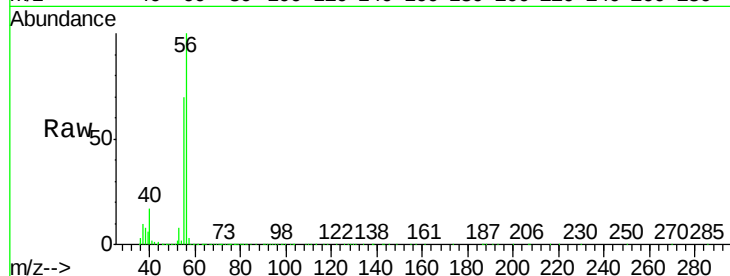
ClientSampleId :

Tot Ion: 56 Resp: 132130

Ion Ratio Lower Upper

56 100

55 71.3 57.8 86.6



#14

Allyl chloride

Concen: 51.874 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

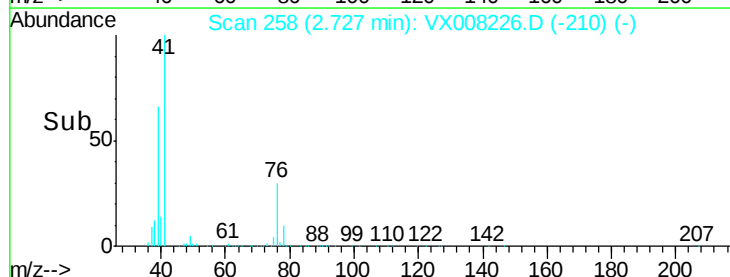
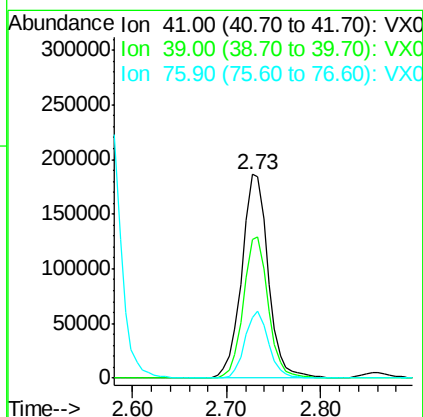
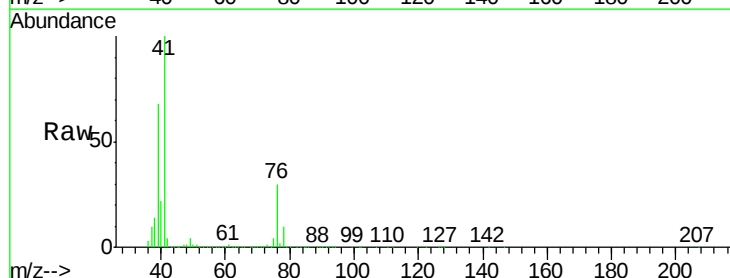
Tgt Ion: 41 Resp: 367527

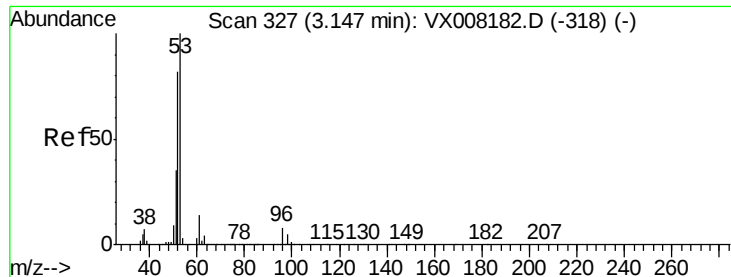
Ion Ratio Lower Upper

41 100

39 64.5 46.1 69.1

76 29.3 24.0 36.0





#15

Acrylonitrile

Concen: 278.590 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampled :

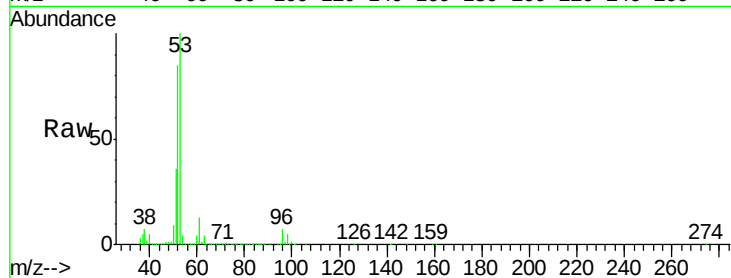
Tot Ion: 53 Resp: 637284

Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

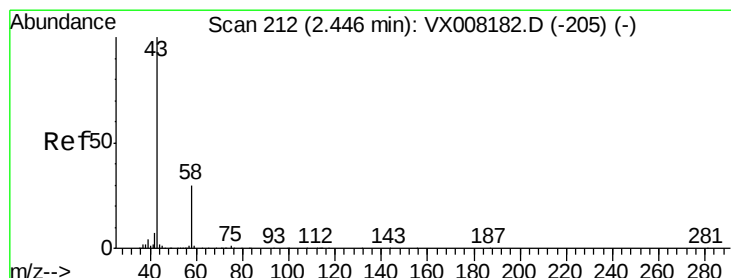
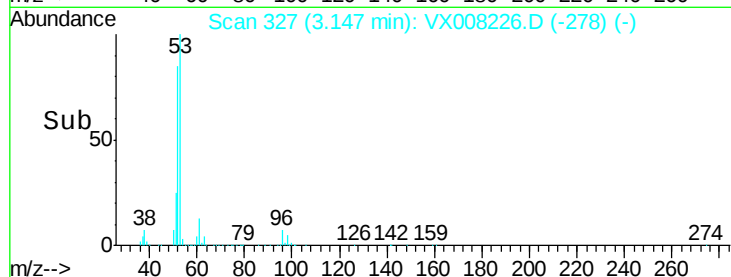
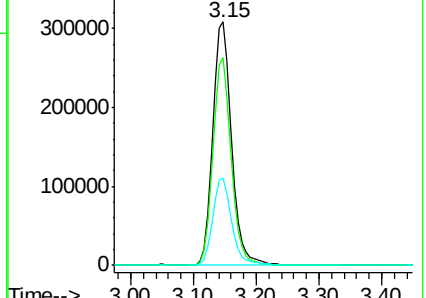
51 35.9 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 244.128 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008226.D

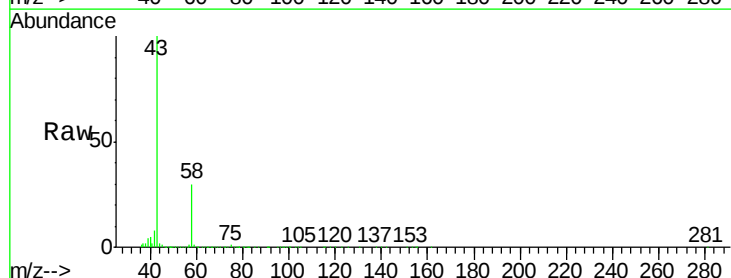
Acq: 20 Mar 2019 06:56

Tgt Ion: 43 Resp: 559371

Ion Ratio Lower Upper

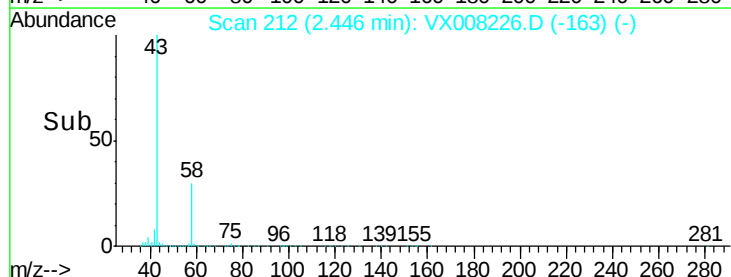
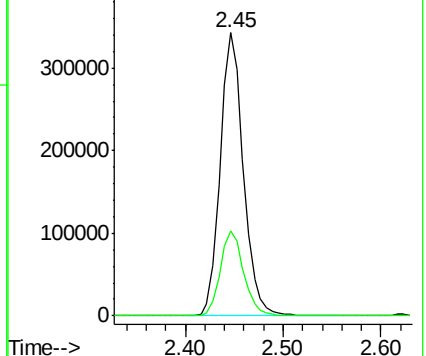
43 100

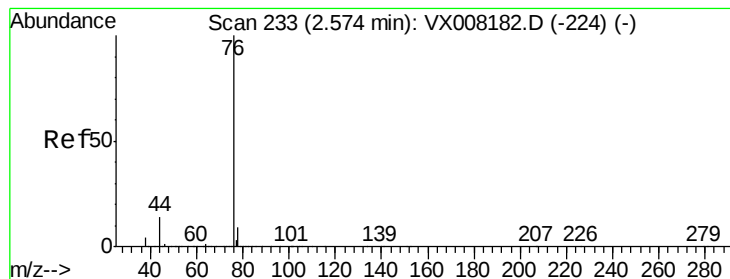
58 30.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.997 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

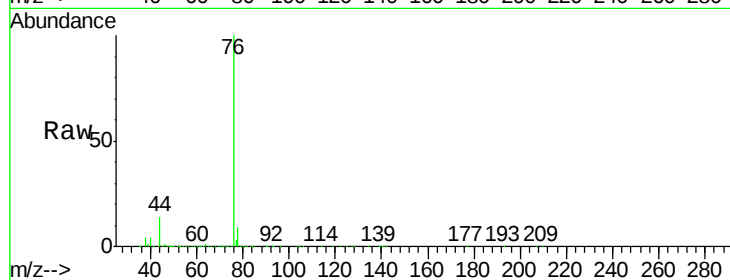
ClientSampleId :

Tot Ion: 76 Resp: 520387

Ion Ratio Lower Upper

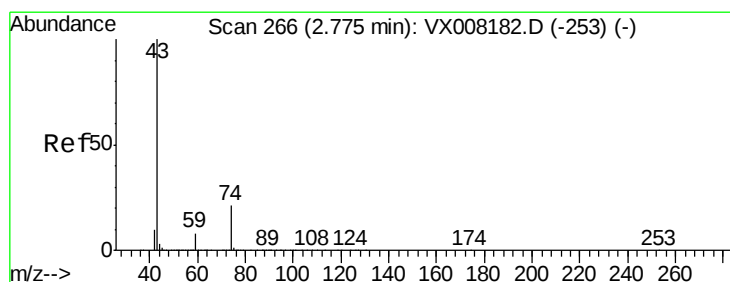
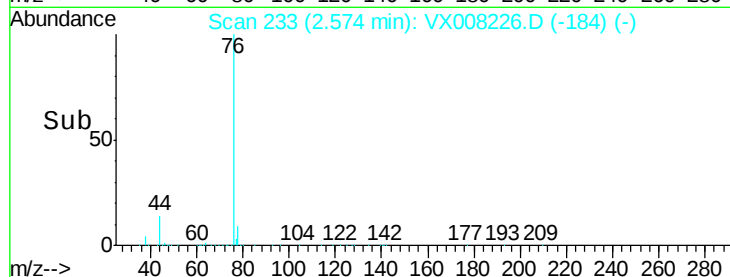
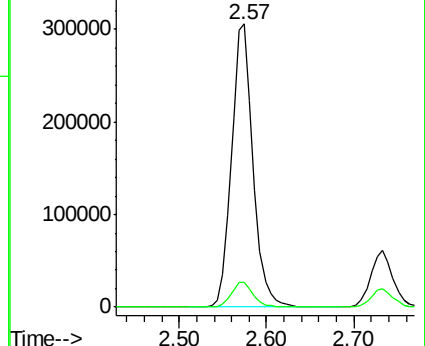
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.185 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008226.D

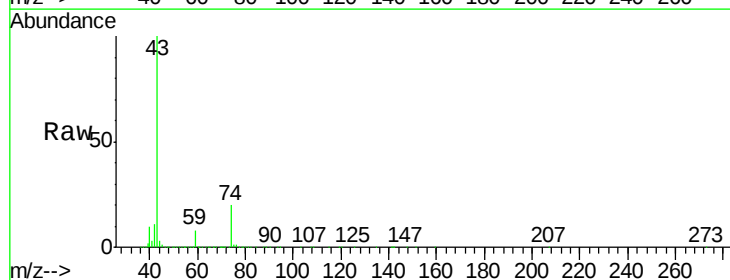
Acq: 20 Mar 2019 06:56

Tgt Ion: 43 Resp: 250297

Ion Ratio Lower Upper

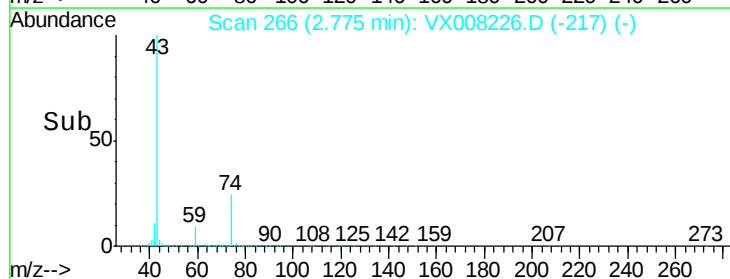
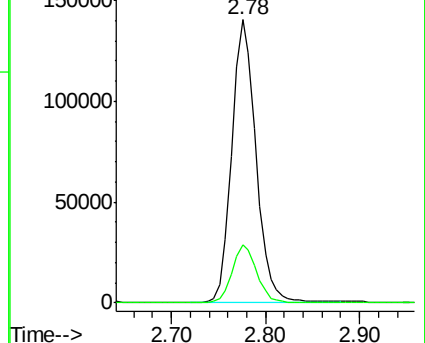
43 100

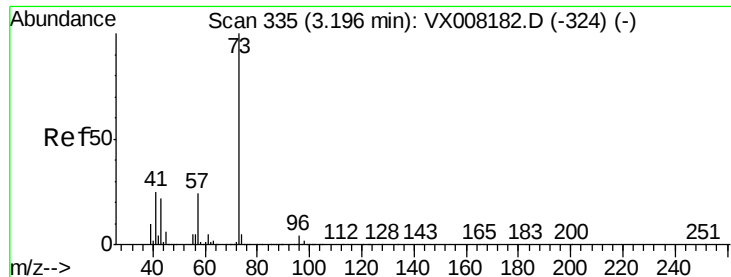
74 21.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

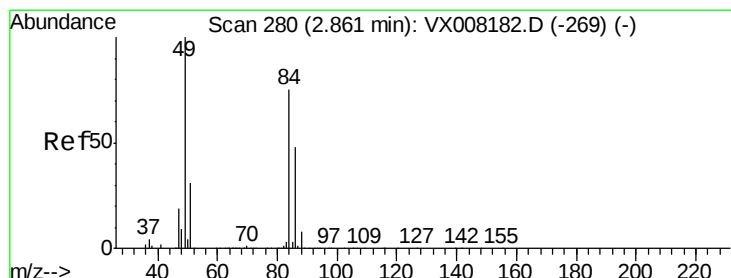
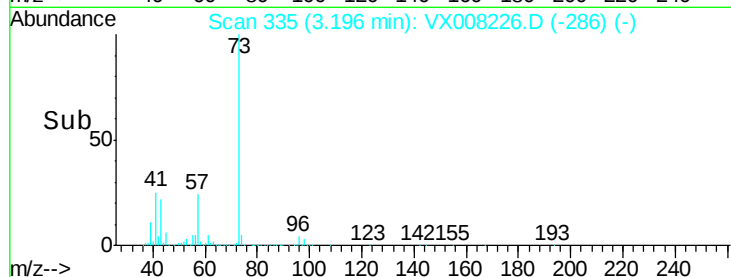
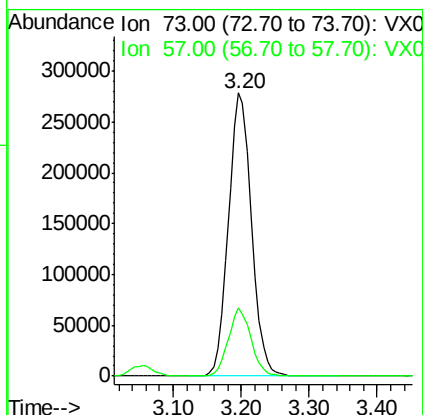
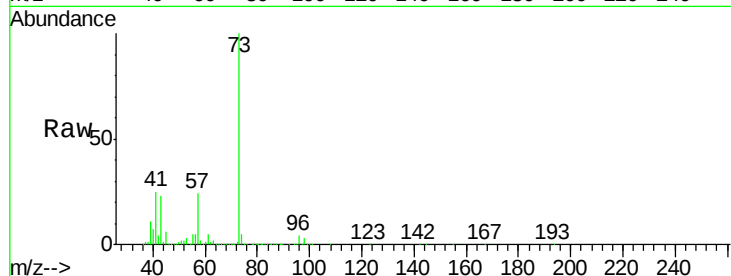




#19
Methvl tert-butvl Ether
Concen: 55.408 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

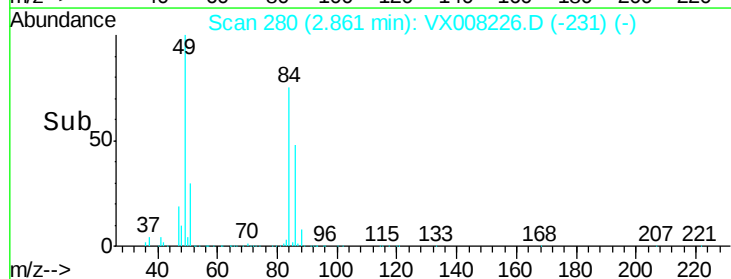
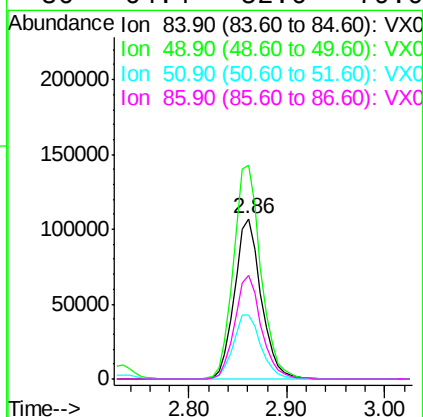
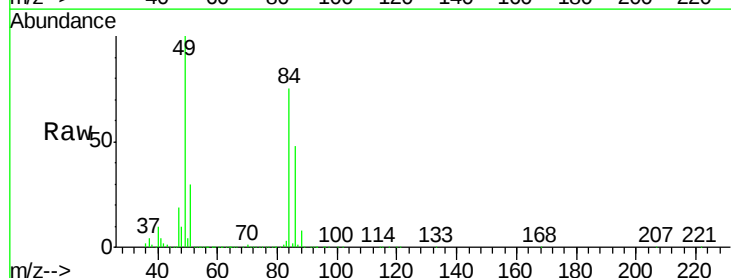
Instrument :
MSVOA_X
ClientSampleId :

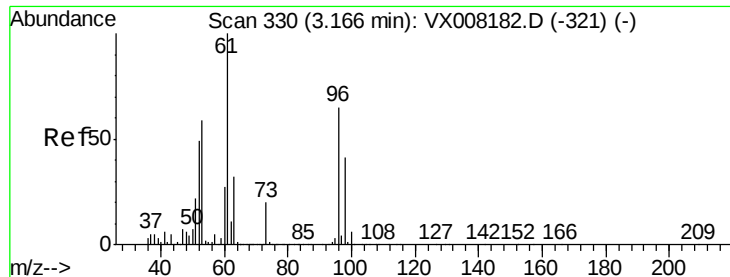
Tot Ion: 73 Resp: 652047
Ion Ratio Lower Upper
73 100
57 24.1 18.2 27.4



#20
Methylene Chloride
Concen: 53.039 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion: 84 Resp: 202651
Ion Ratio Lower Upper
84 100
49 133.0 99.3 148.9
51 39.6 31.3 46.9
86 64.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 52.121 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampled :

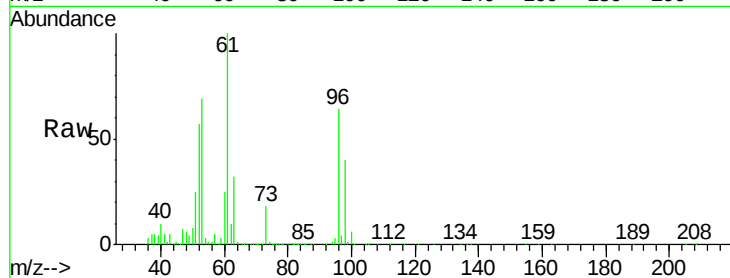
Tot Ion: 96 Resp: 183261

Ion Ratio Lower Upper

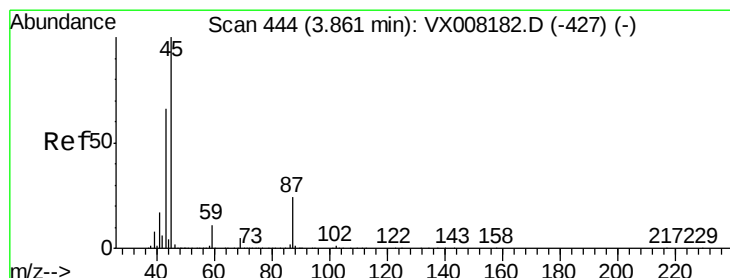
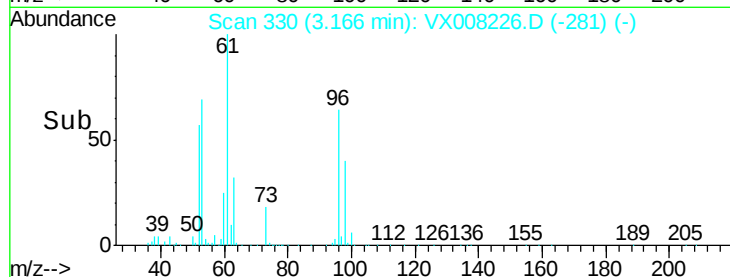
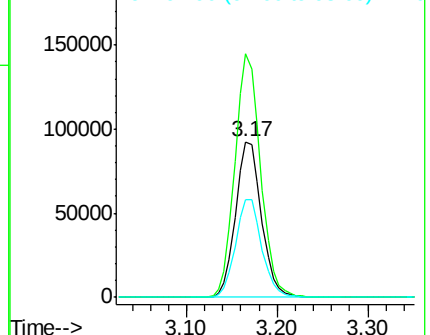
96 100

61 156.5 114.4 171.6

98 62.7 51.1 76.7



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



#22

Diisopropyl ether

Concen: 55.052 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion: 45 Resp: 763909

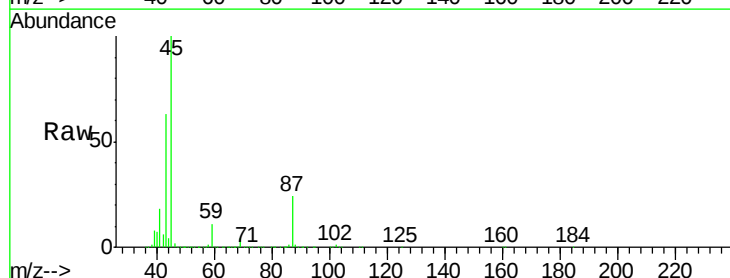
Ion Ratio Lower Upper

45 100

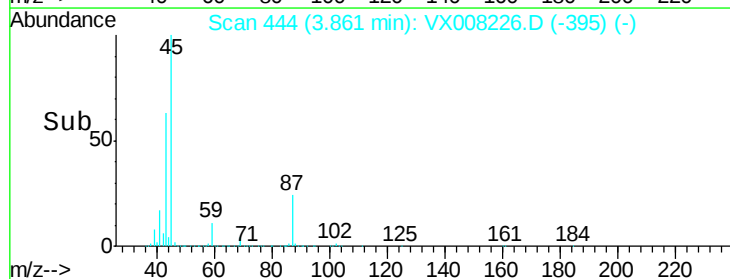
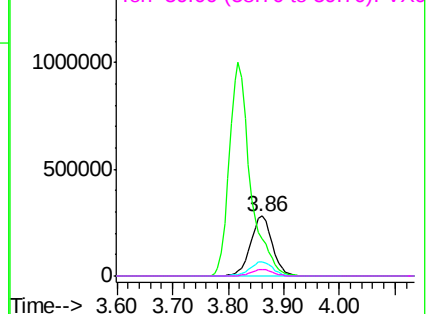
43 63.3 45.3 67.9

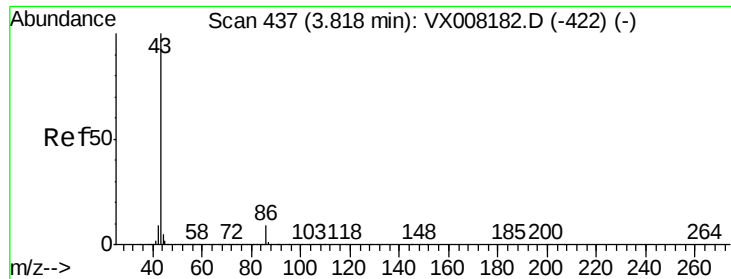
87 24.2 21.4 32.0

59 11.3 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

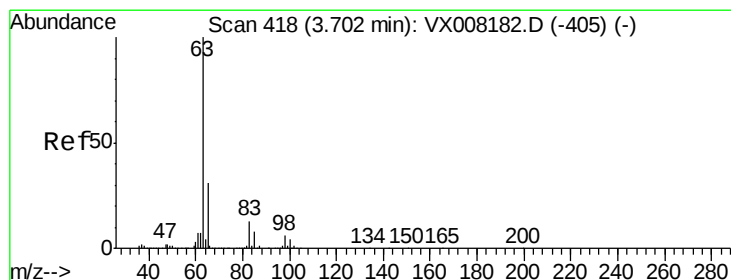
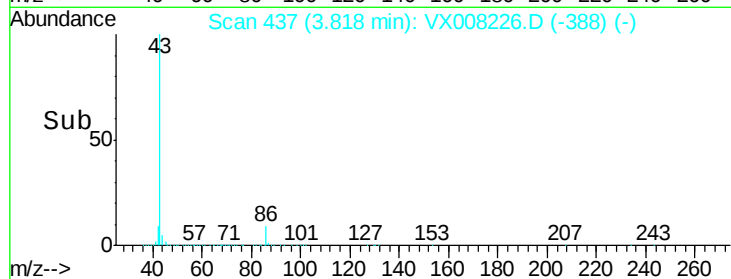
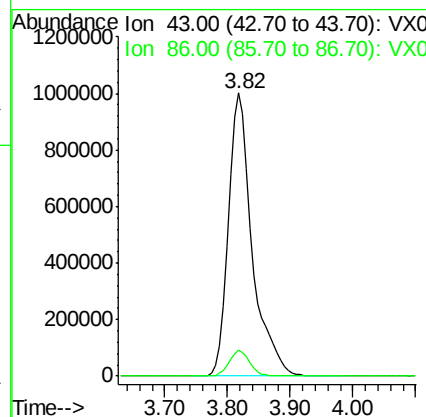
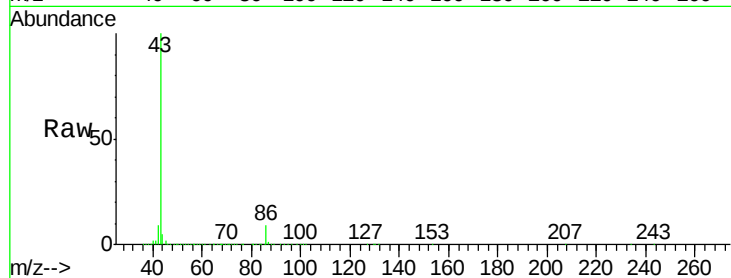




#23
 Vinyl Acetate
 Concen: 220.490 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

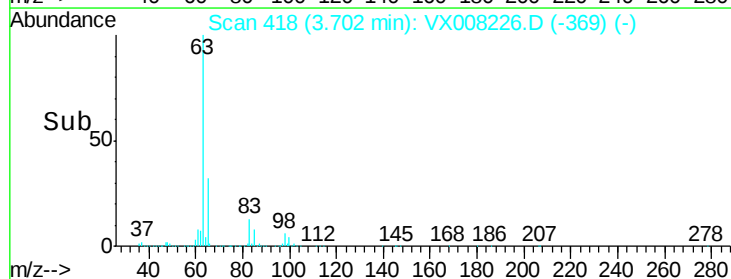
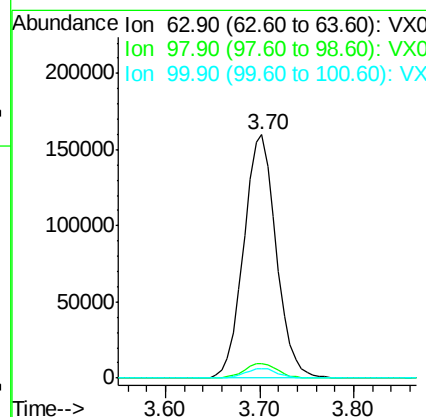
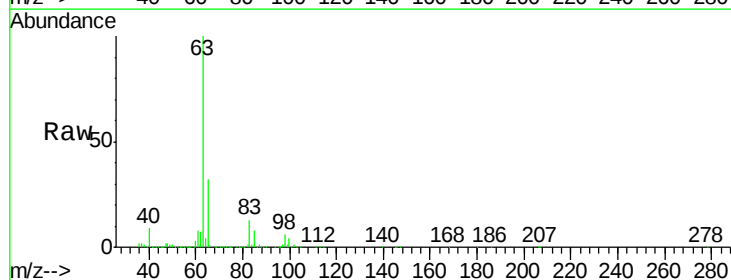
Instrument :
 MSVOA_X
 ClientSampled :

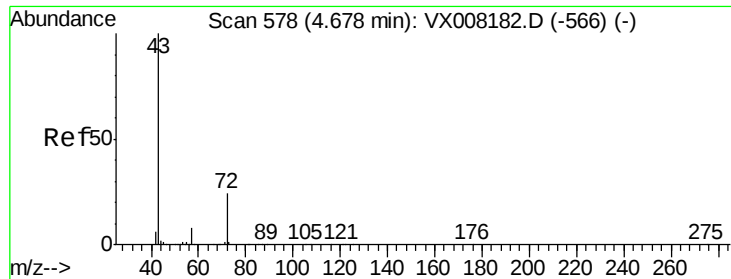
Tot Ion: 43 Resp: 2623107
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 53.868 ug/l
 RT: 3.70 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion: 63 Resp: 384448
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 271.424 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

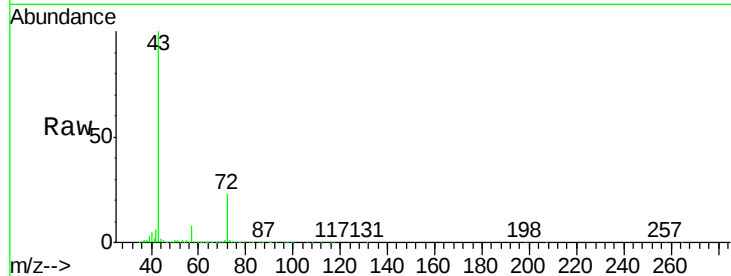
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 918032

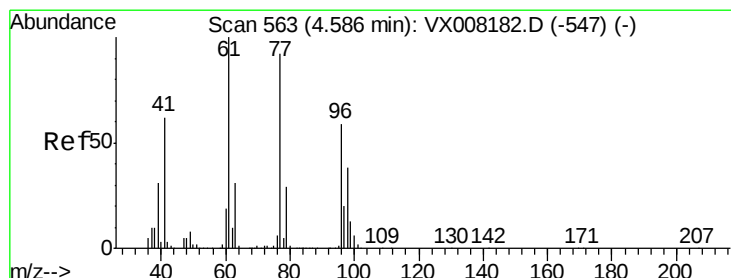
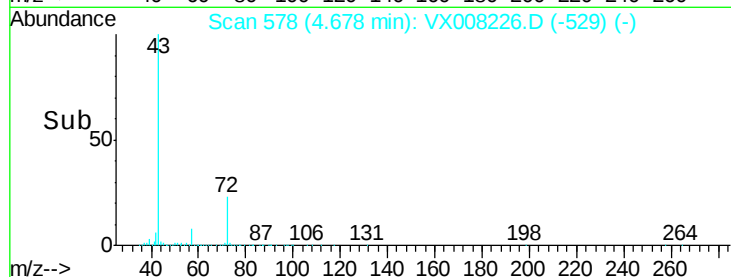
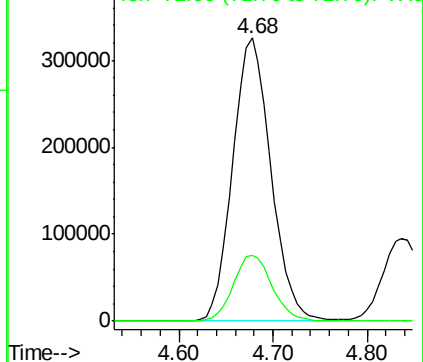
Ion Ratio Lower Upper

43 100

72 23.3 19.9 29.9



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



#26

2,2-Dichloropropane

Concen: 35.513 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008226.D

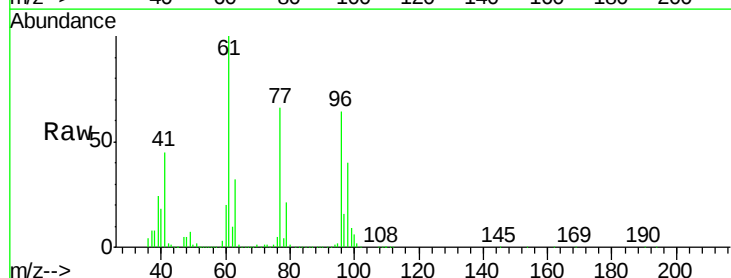
Acq: 20 Mar 2019 06:56

Tgt Ion: 77 Resp: 190930

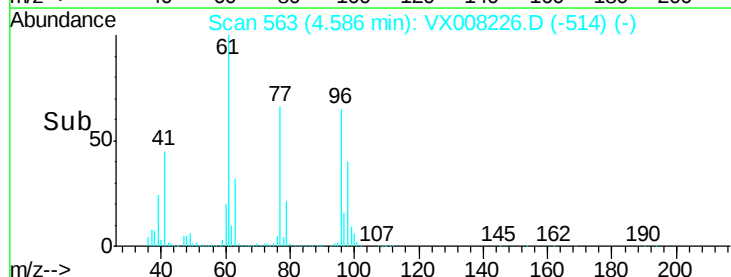
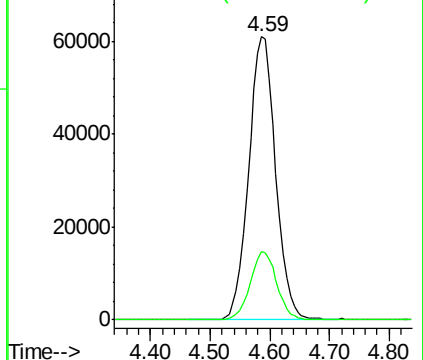
Ion Ratio Lower Upper

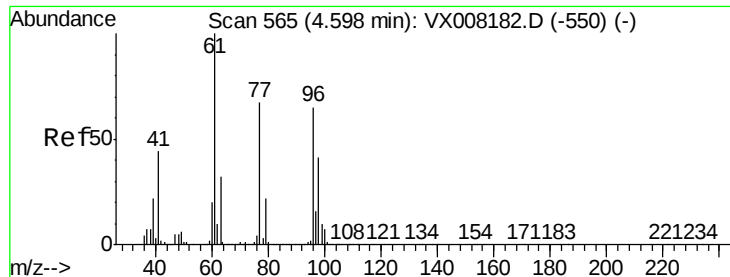
77 100

97 23.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



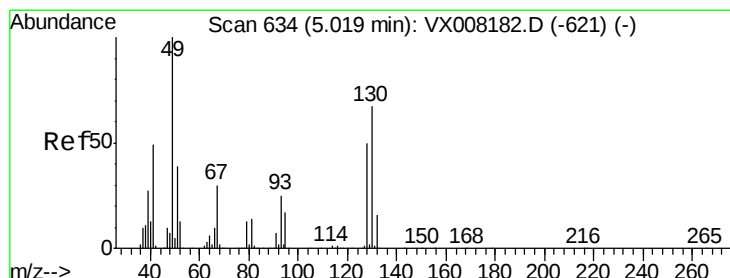
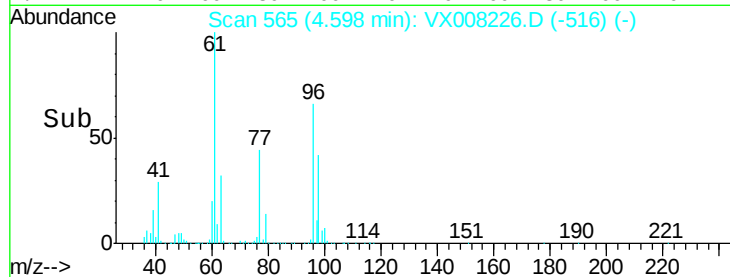
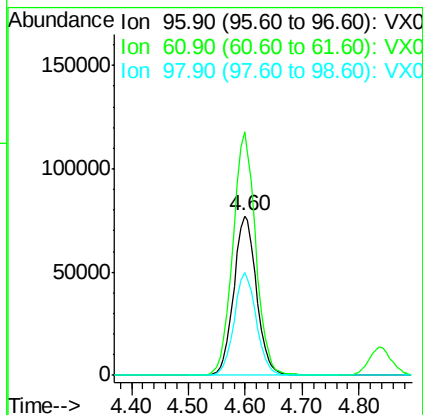
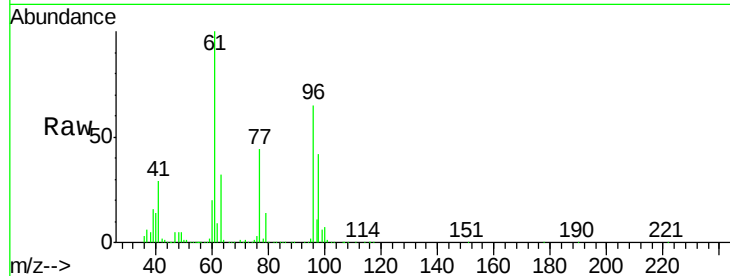


#27

cis-1,2-Dichloroethene
Concen: 53.708 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampled :

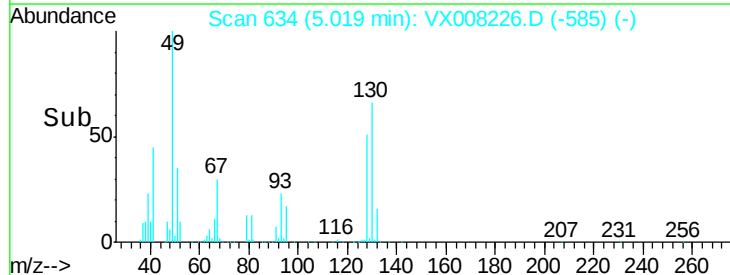
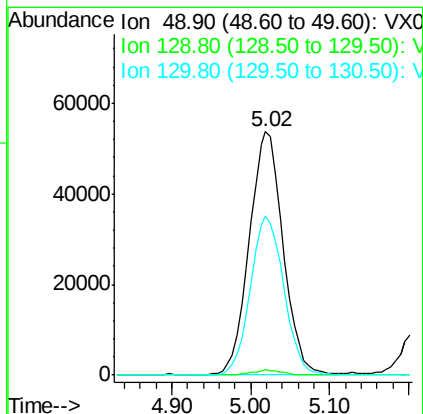
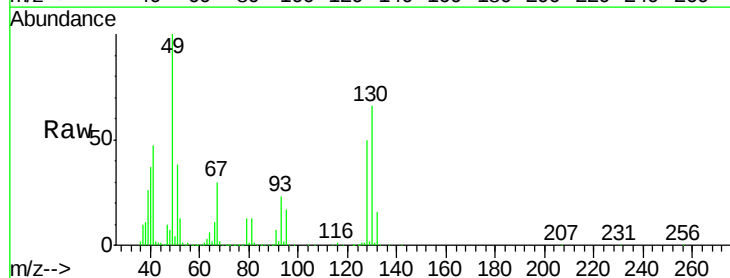
Tot Ion	96	Resp	215276
Ion	Ratio	Lower	Upper
96	100		
61	153.6	0.0	288.0
98	63.3	0.0	129.0

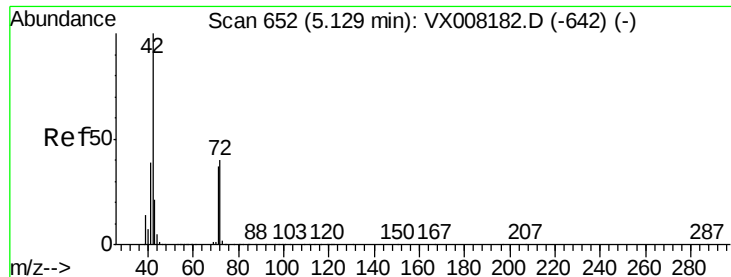


#28

Bromochloromethane
Concen: 49.945 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	49	Resp	160058
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	64.5	65.0	97.4#





#29

Tetrahydrofuran

Concen: 287.493 ug/l

RT: 5.13 min Scan# 653

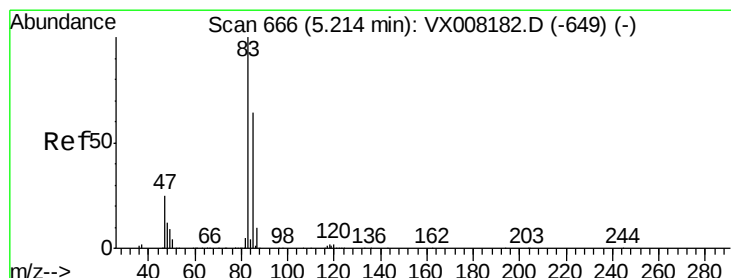
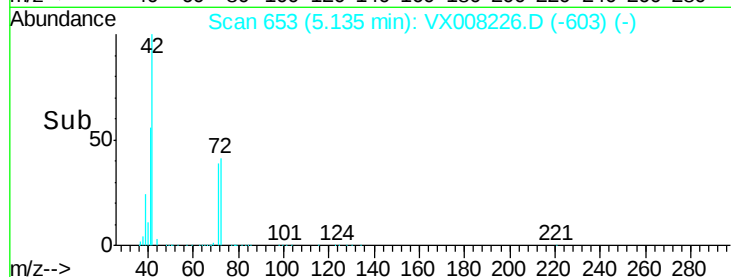
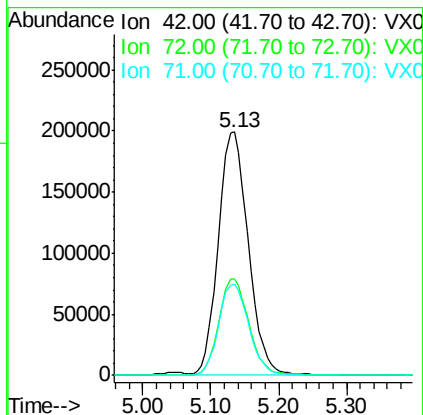
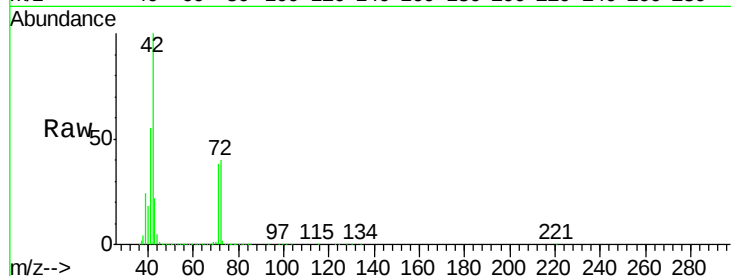
Delta R.T. 0.01 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	42	Resp:	607867
Ion	Ratio	Lower	Upper
42	100		
72	39.9	33.8	50.6
71	38.0	31.5	47.3



#30

Chloroform

Concen: 54.467 ug/l

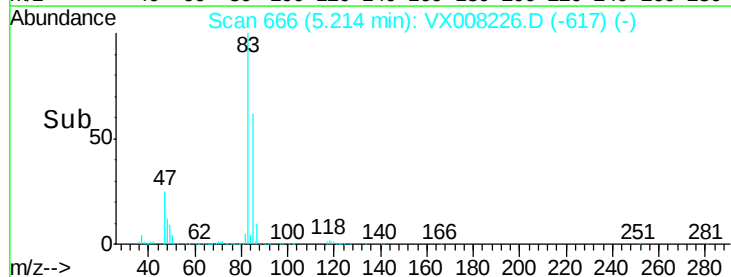
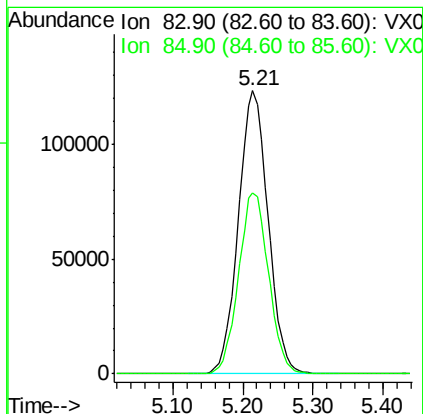
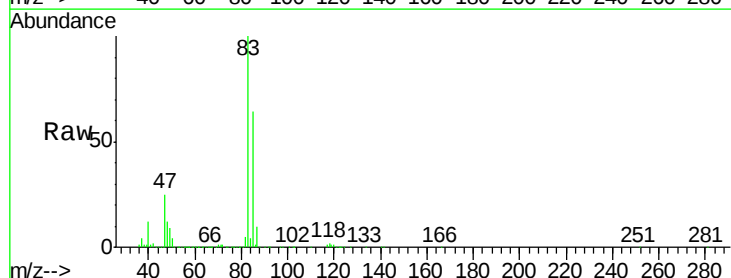
RT: 5.21 min Scan# 666

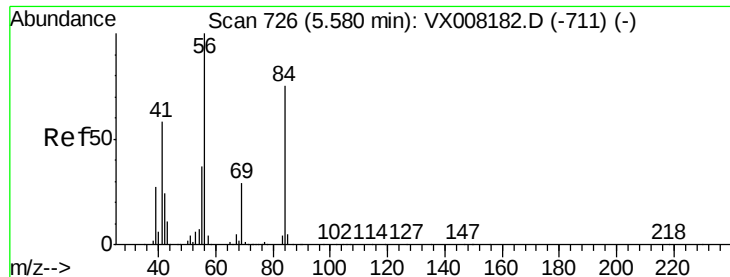
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	83	Resp:	363617
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6

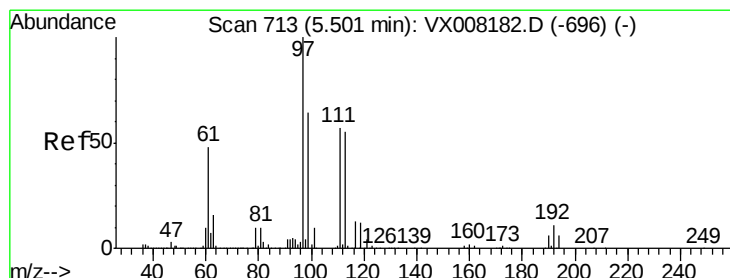
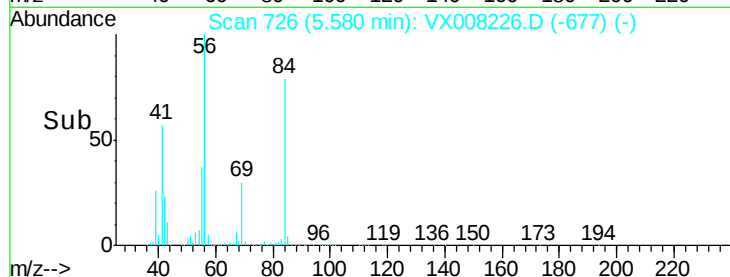
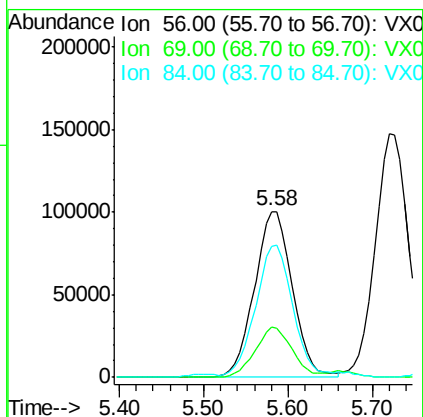
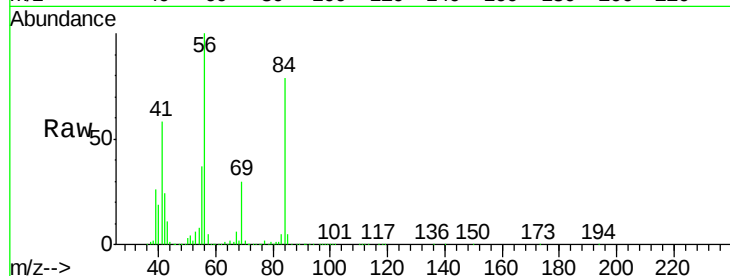




#31
Cyclohexane
Concen: 46.150 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

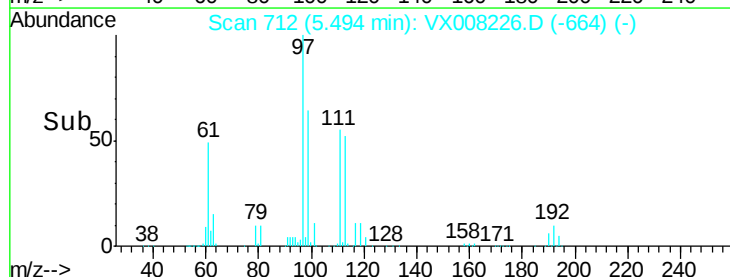
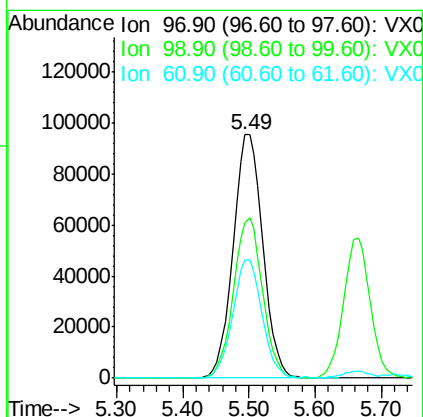
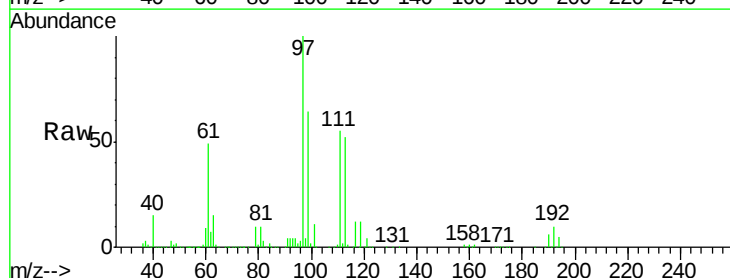
Instrument :
MSVOA_X
ClientSampleId :

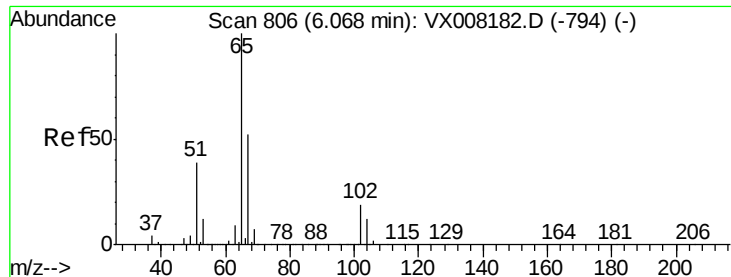
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.0	36.0
84	78.1	65.3	97.9



#32
1,1,1-Trichloroethane
Concen: 53.298 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	48.0	34.9	52.3

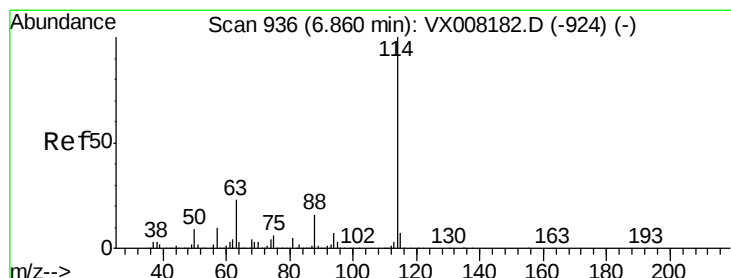
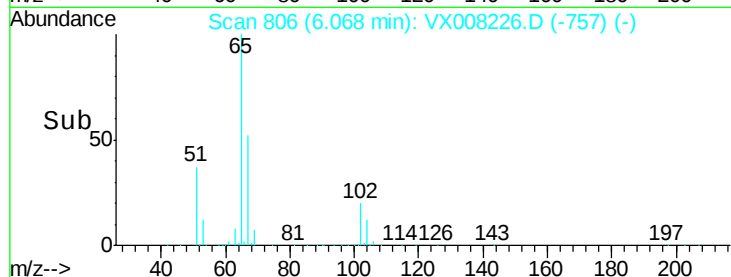
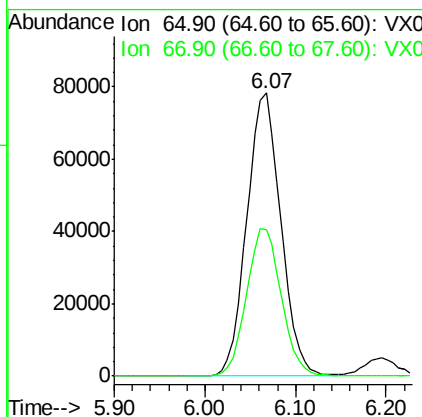
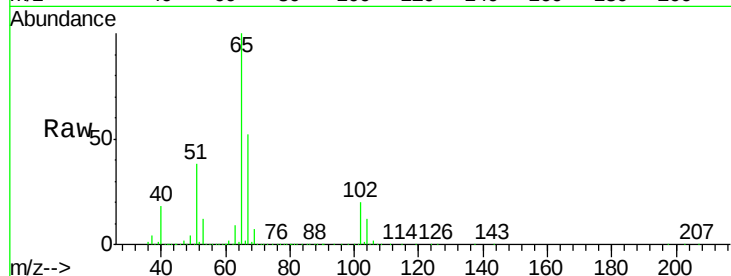




#33
 1,2-Dichloroethane-d4
 Concen: 50.456 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

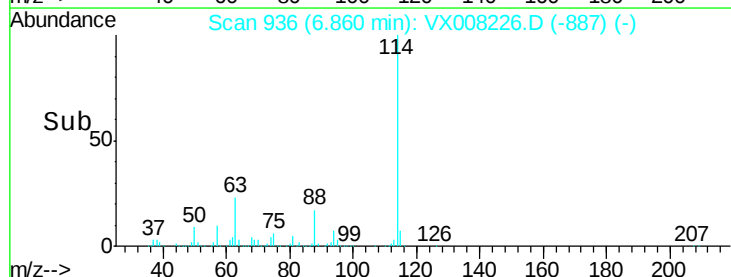
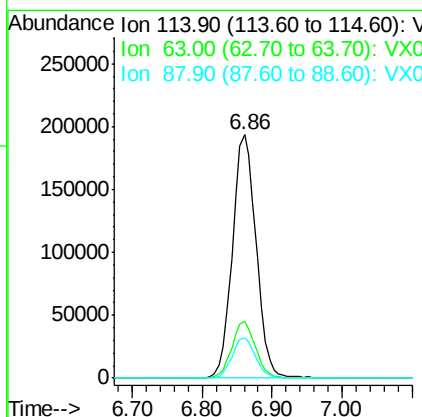
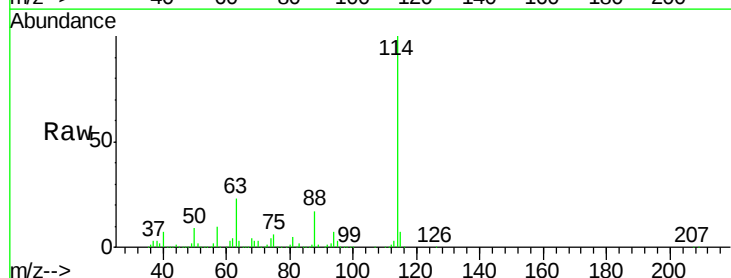
Instrument :
 MSVOA_X
 ClientSampleId :

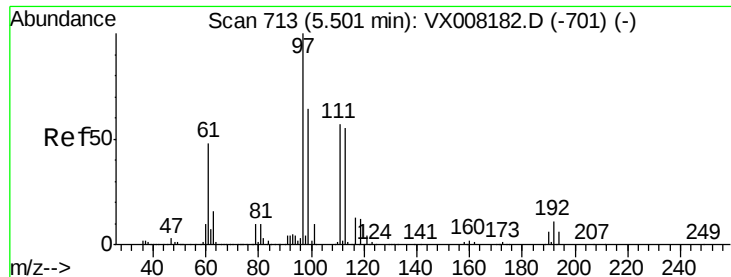
Tot Ion: 65 Resp: 203838
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion: 114 Resp: 455444
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 39.8
 88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.888 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampled :

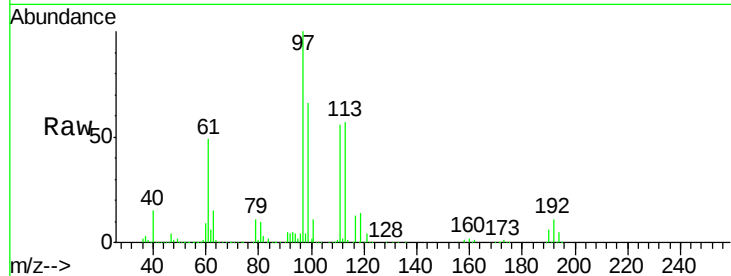
Tot Ion:113 Resp: 152103

Ion Ratio Lower Upper

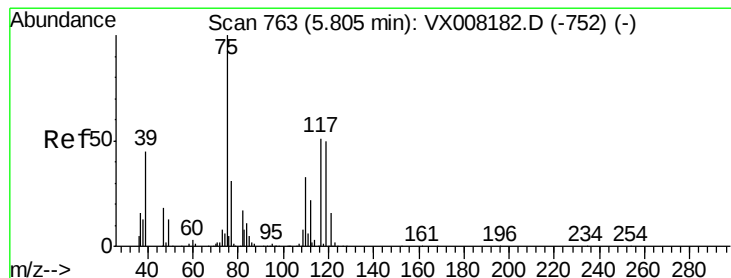
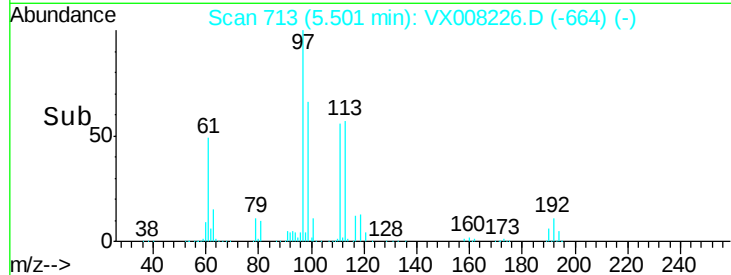
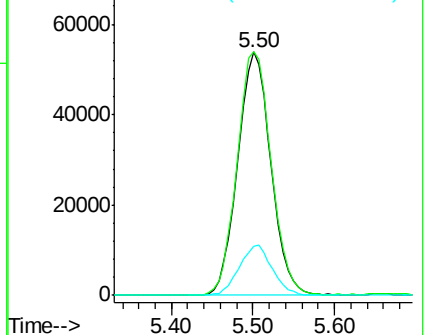
113 100

111 102.7 81.4 122.0

192 20.4 19.4 29.0



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: 49.155 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

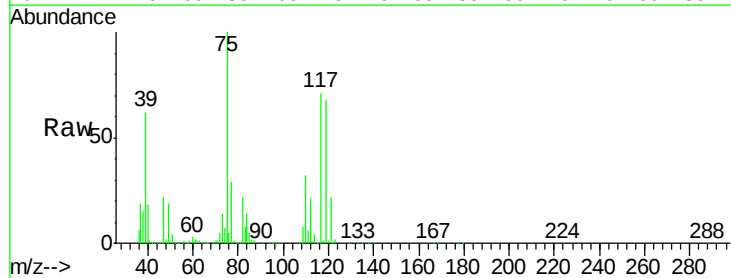
Tgt Ion: 75 Resp: 260646

Ion Ratio Lower Upper

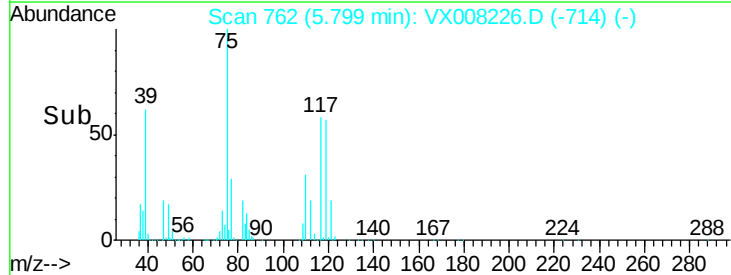
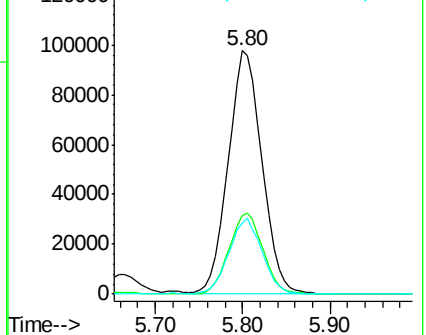
75 100

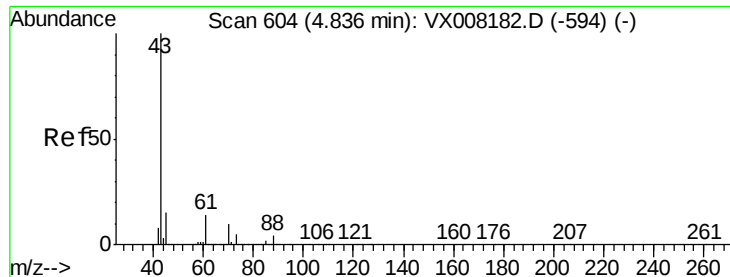
110 33.6 18.4 55.0

77 30.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

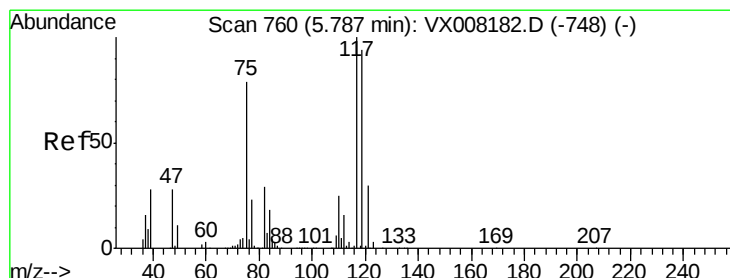
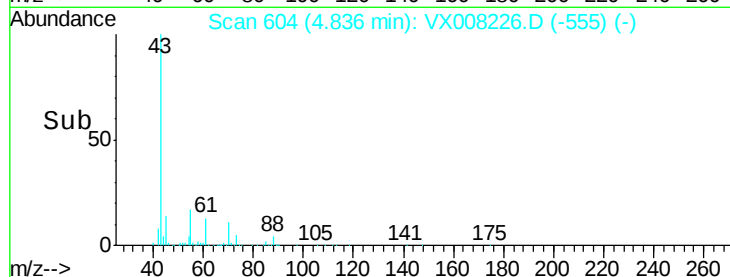
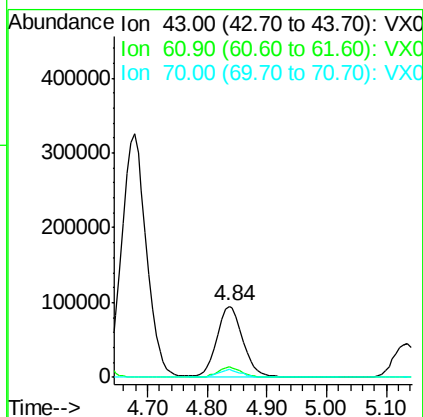
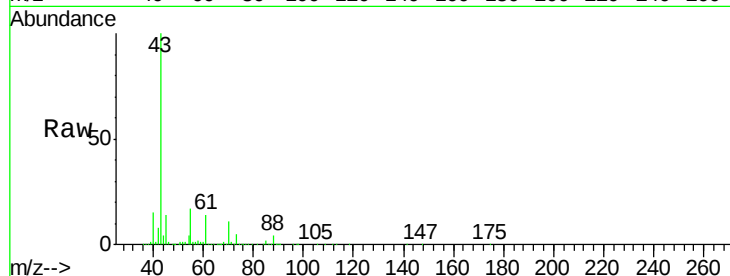




#37
Ethyl Acetate
Concen: 45.913 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

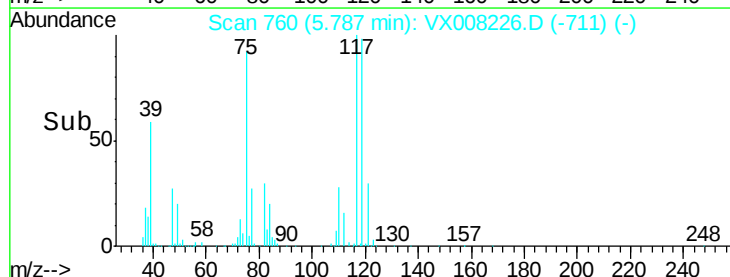
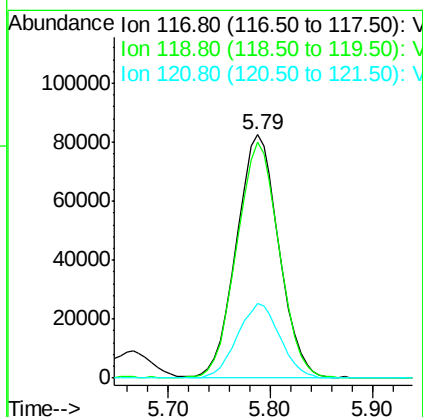
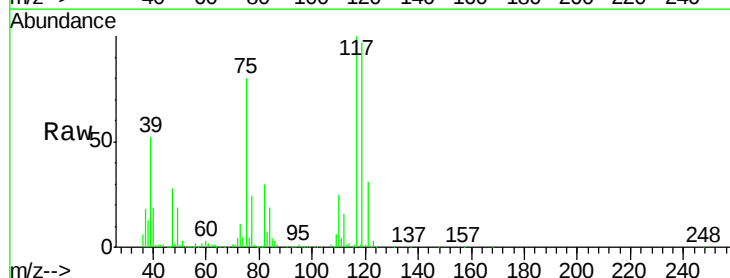
Instrument :
MSVOA_X
ClientSampled :

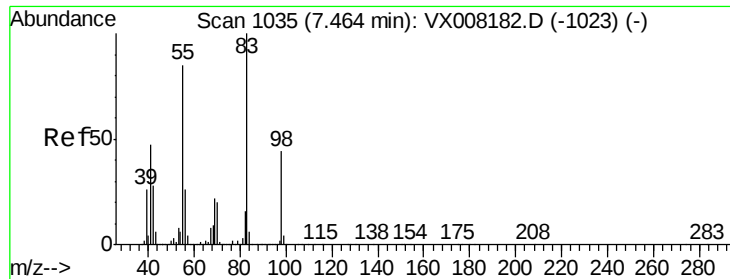
Tot Ion: 43 Resp: 287791
Ion Ratio Lower Upper
43 100
61 13.1 11.3 16.9
70 9.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.329 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion: 117 Resp: 237784
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2
121 30.7 24.6 36.8

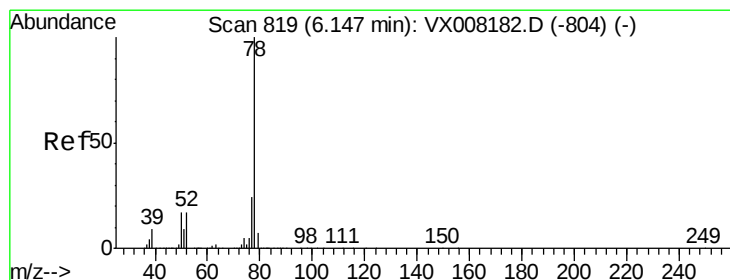
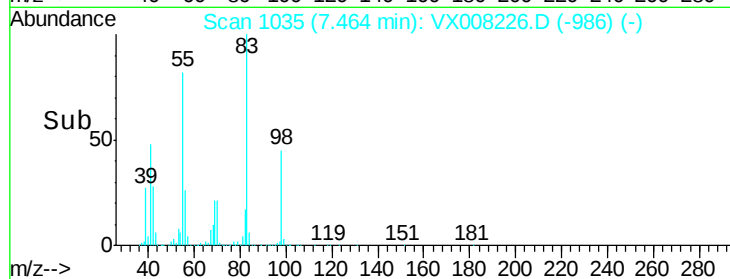
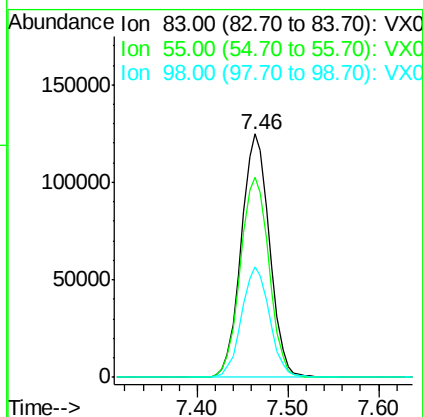
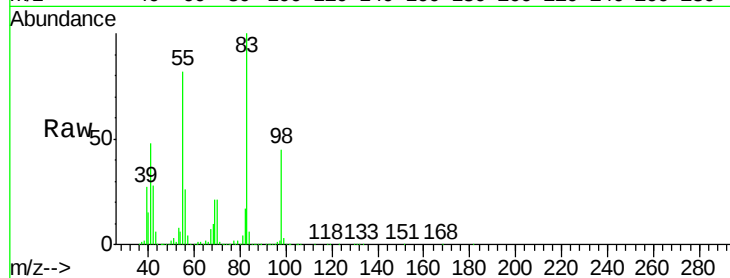




#39
Methvlcvclohexane
Concen: 42.181 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

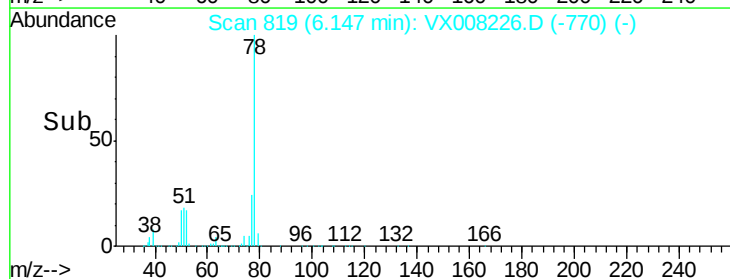
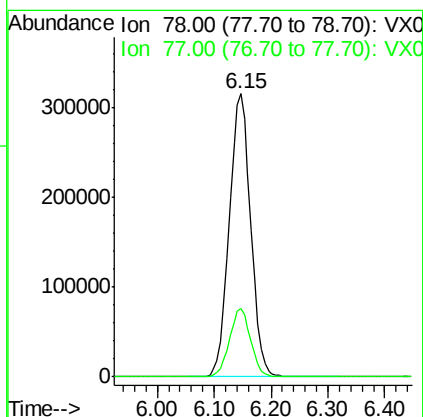
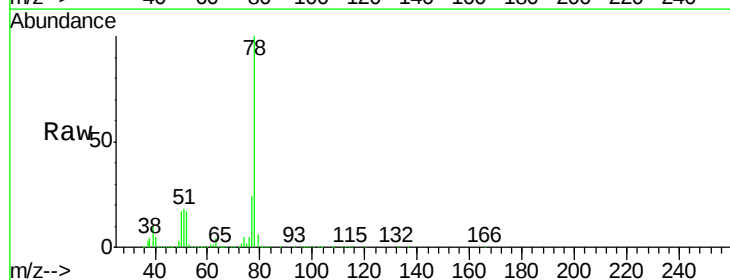
Instrument :
MSVOA_X
ClientSampleId :

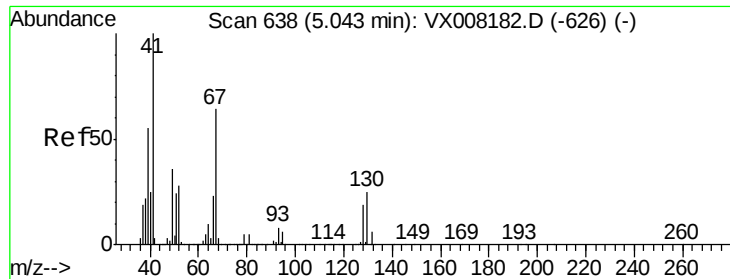
Tot Ion: 83 Resp: 269160
Ion Ratio Lower Upper
83 100
55 82.3 60.4 90.6
98 45.5 36.5 54.7



#40
Benzene
Concen: 52.936 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion: 78 Resp: 830804
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

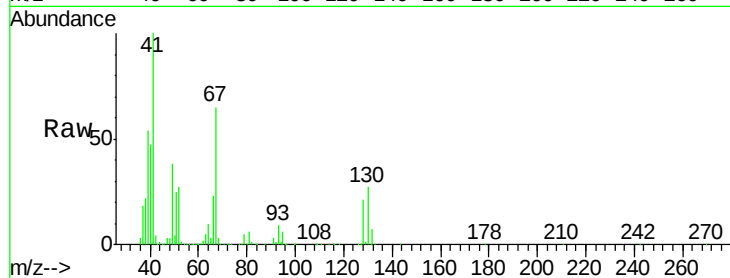




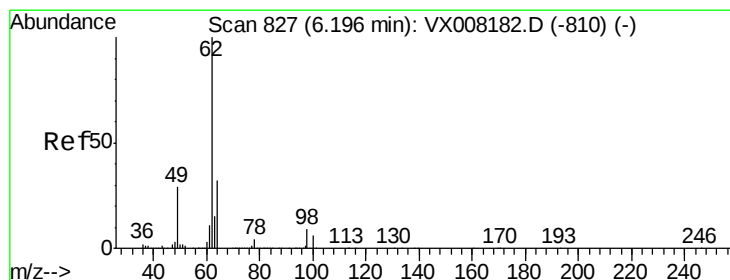
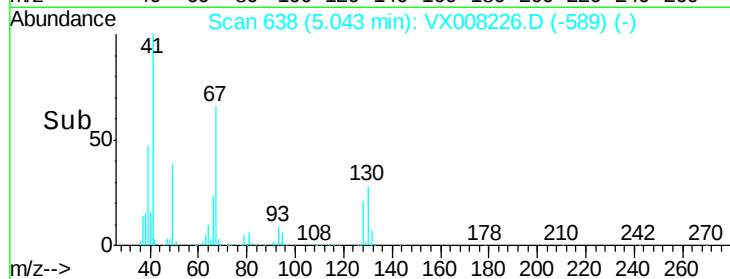
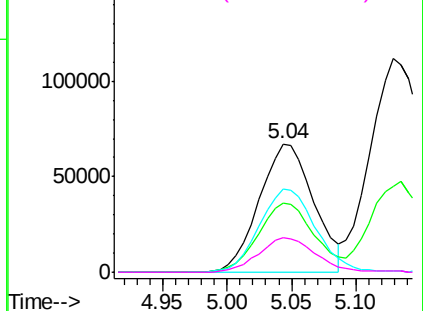
#41
Methacrylonitrile
Concen: 55.866 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	196427
Ion	Ratio	Lower	Upper
41	100		
39	55.9	41.6	62.4
67	67.6	55.8	83.6
52	27.8	21.7	32.5

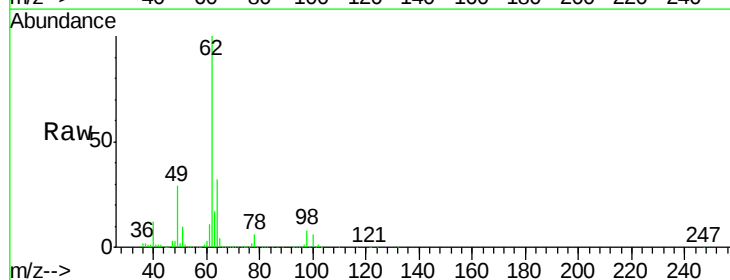


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

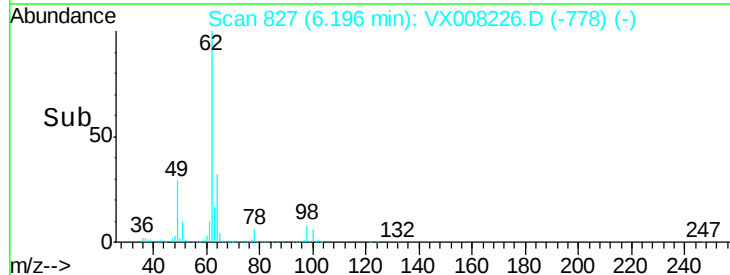
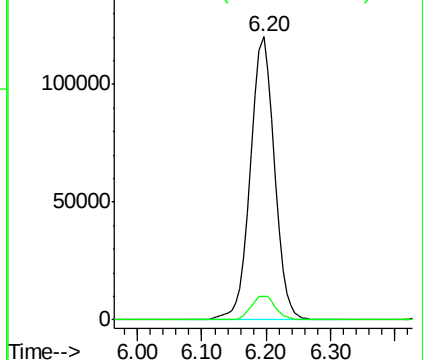


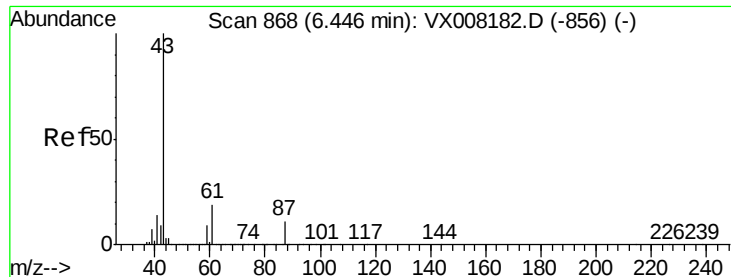
#42
1,2-Dichloroethane
Concen: 53.333 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion:	62	Resp:	306632
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



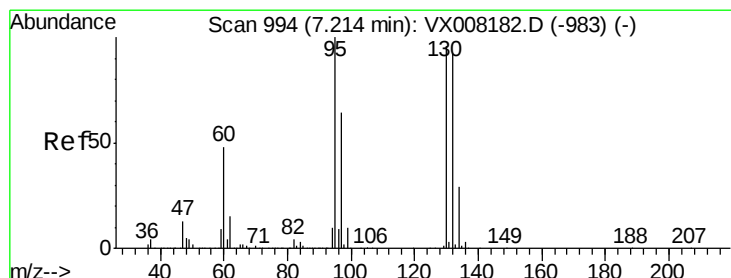
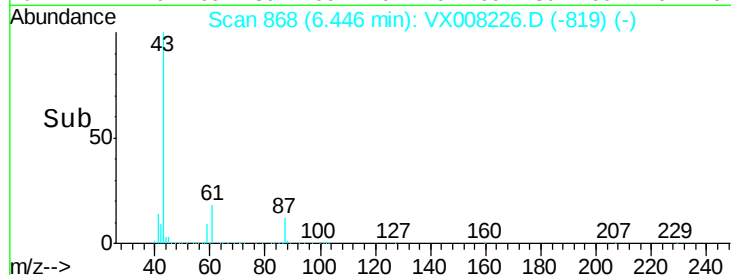
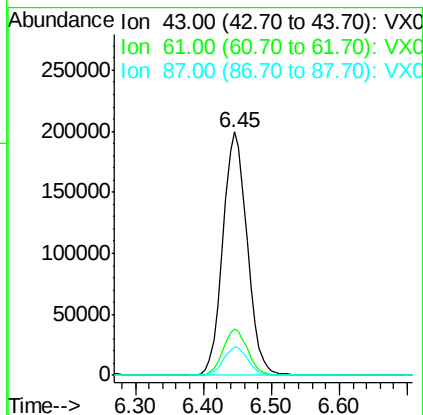
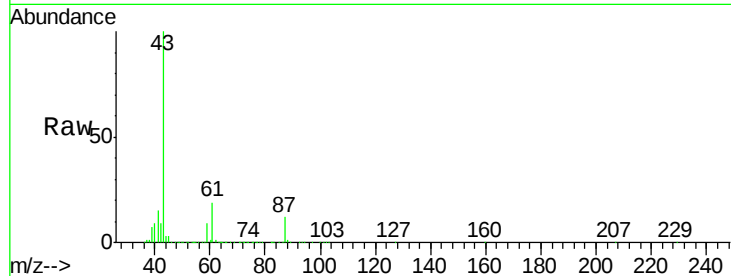


#43

Isopropyl Acetate
 Concen: 49.102 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Instrument :
 MSVOA_X
 ClientSampled :

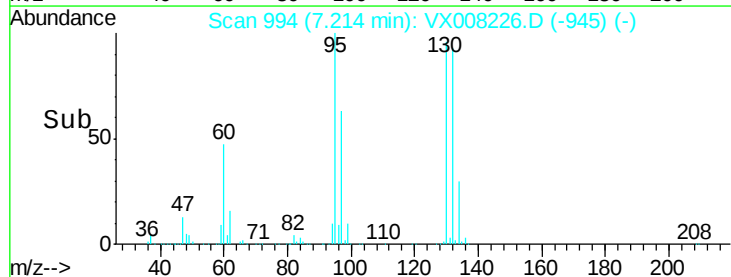
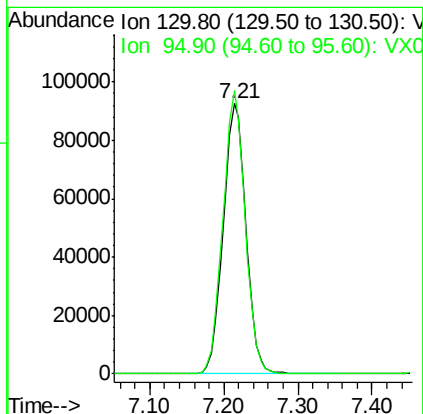
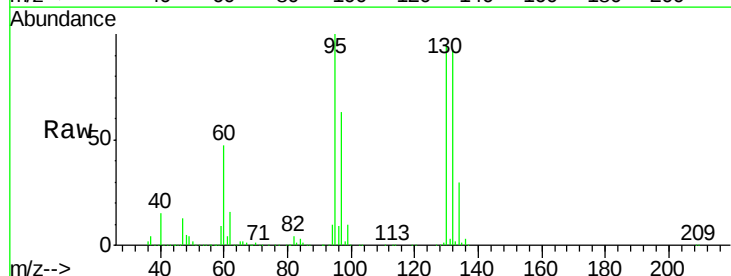
Tot Ion: 43 Resp: 493342
 Ion Ratio Lower Upper
 43 100
 61 18.9 16.3 24.5
 87 11.8 10.5 15.7

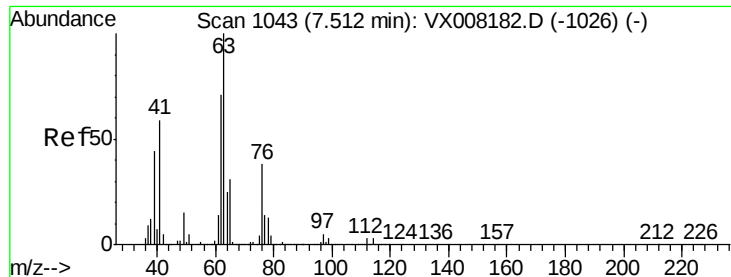


#44

Trichloroethene
 Concen: 51.322 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion: 130 Resp: 196946
 Ion Ratio Lower Upper
 130 100
 95 104.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.007 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

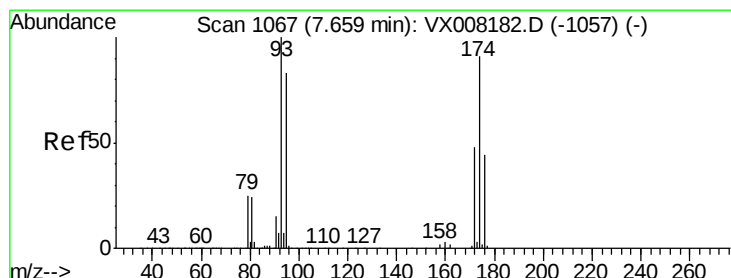
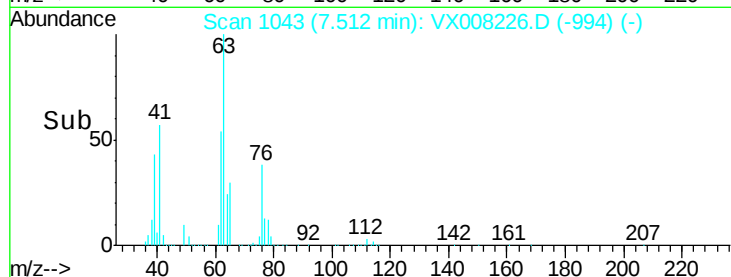
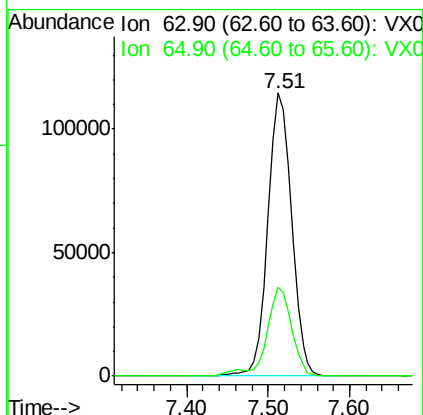
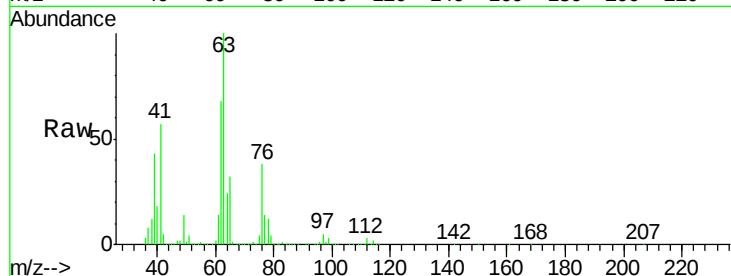
ClientSampled :

Tot Ion: 63 Resp: 232885

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



#46

Dibromomethane

Concen: 53.261 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

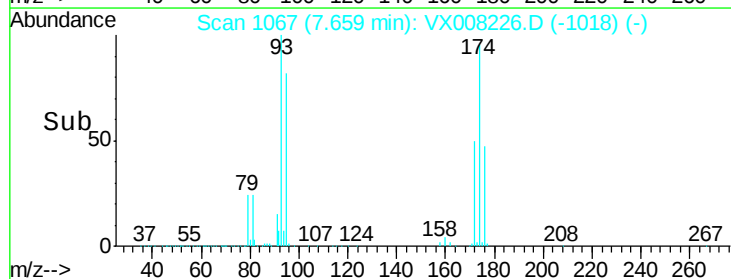
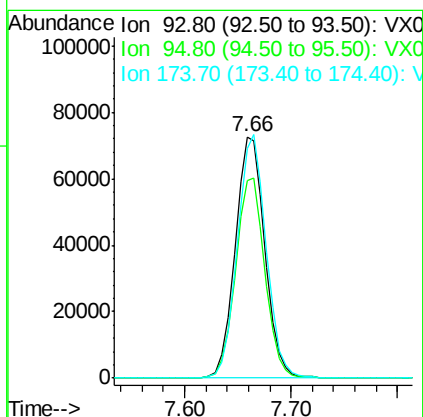
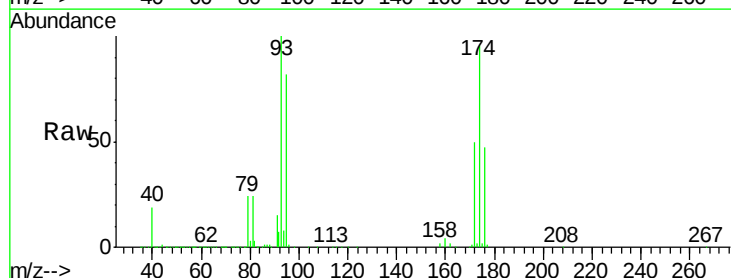
Tgt Ion: 93 Resp: 141679

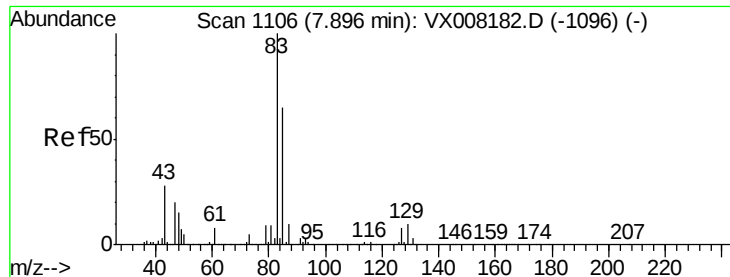
Ion Ratio Lower Upper

93 100

95 82.4 66.8 100.2

174 98.5 97.3 145.9





#47

Bromodichloromethane

Concen: 54.468 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :

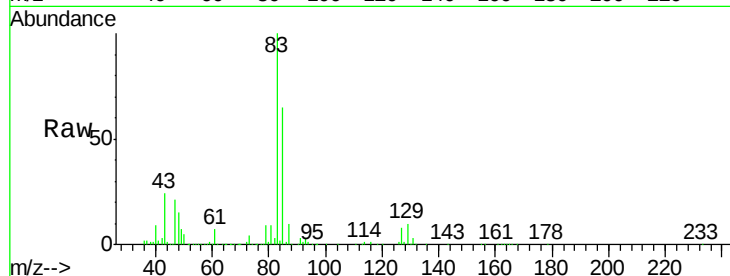
Tot Ion: 83 Resp: 276132

Ion Ratio Lower Upper

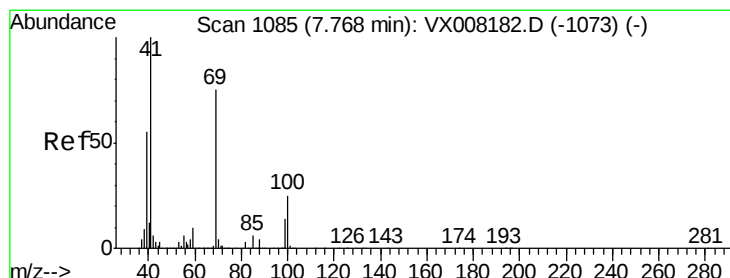
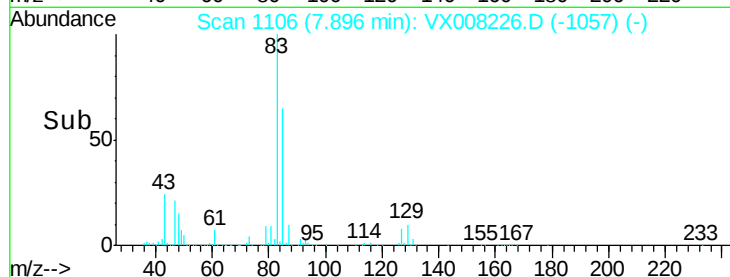
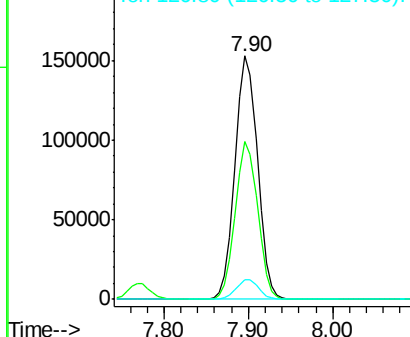
83 100

85 65.0 50.9 76.3

127 8.1 7.4 11.0



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: 55.423 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

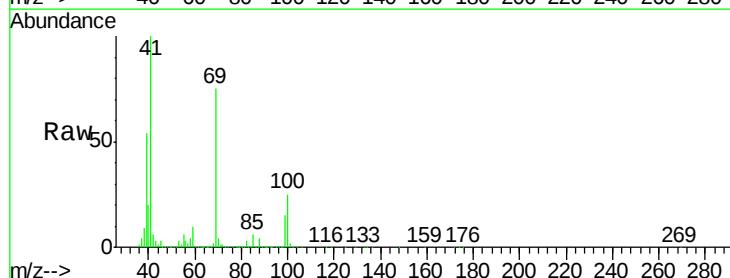
Tgt Ion: 41 Resp: 296081

Ion Ratio Lower Upper

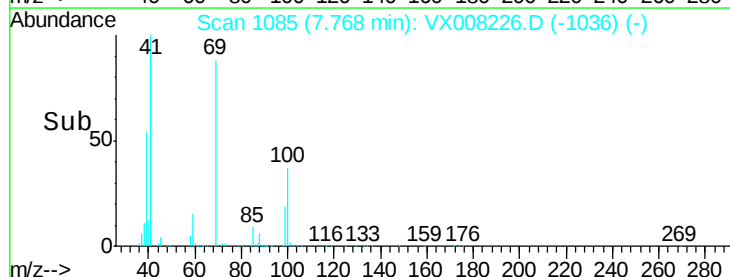
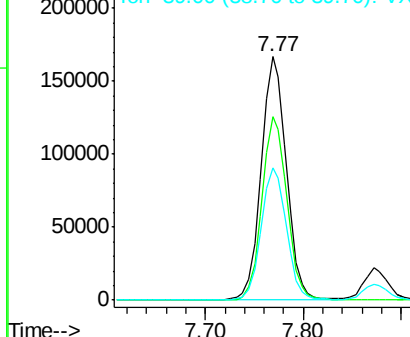
41 100

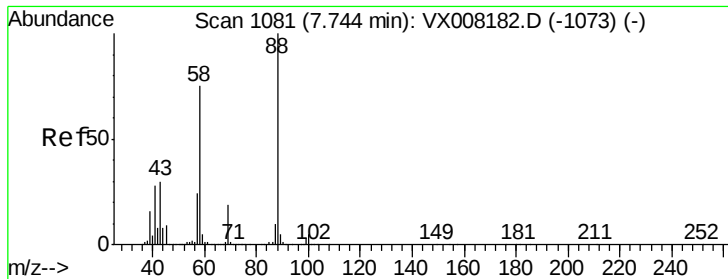
69 75.6 65.2 97.8

39 54.6 39.4 59.2



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



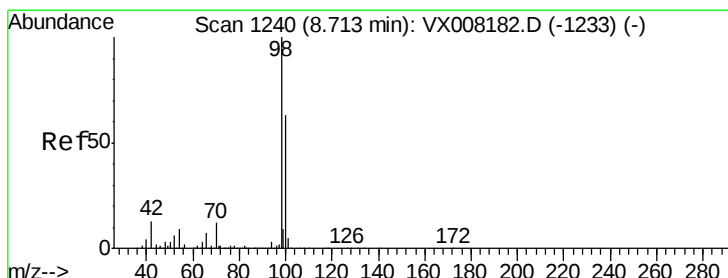
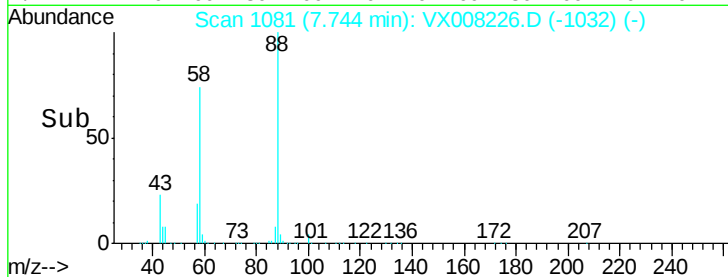
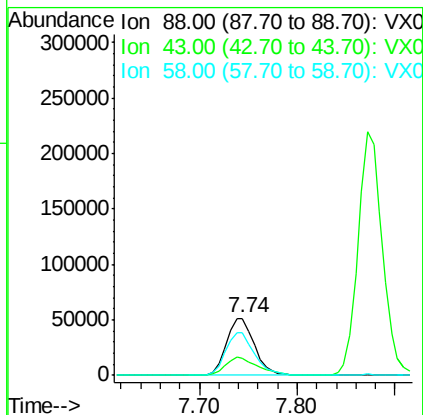
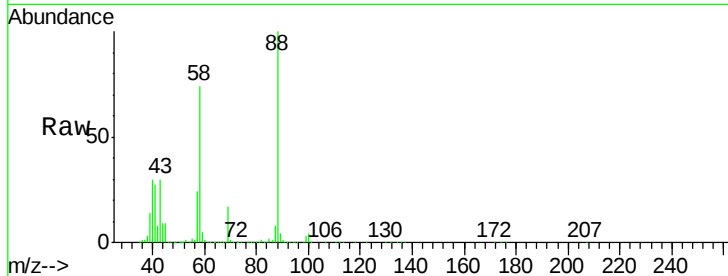


#49
 1,4-Dioxane
 Concen: 1075.136 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 101356

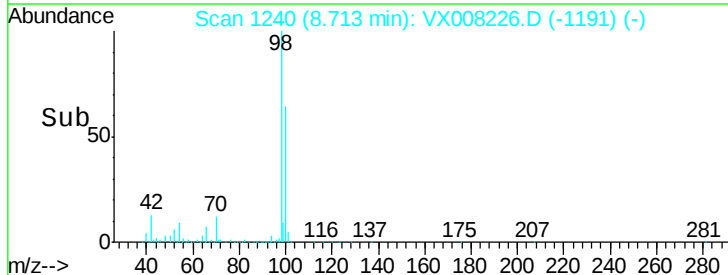
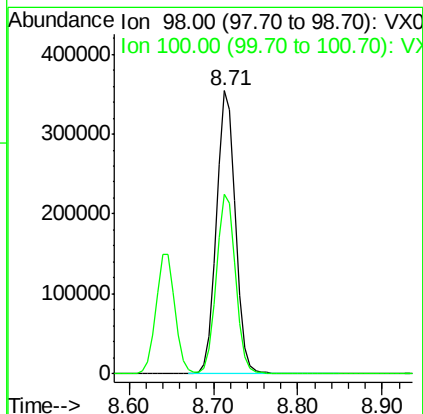
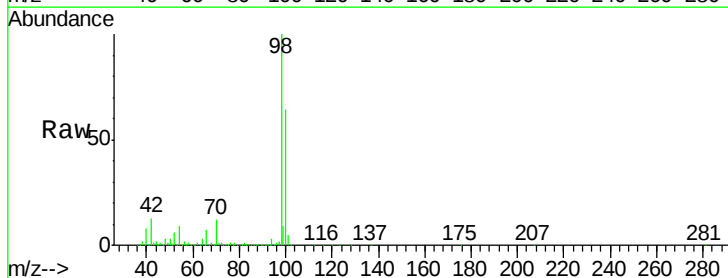
Ion	Ratio	Lower	Upper
88	100		
43	36.3	25.1	37.7
58	77.5	57.8	86.6

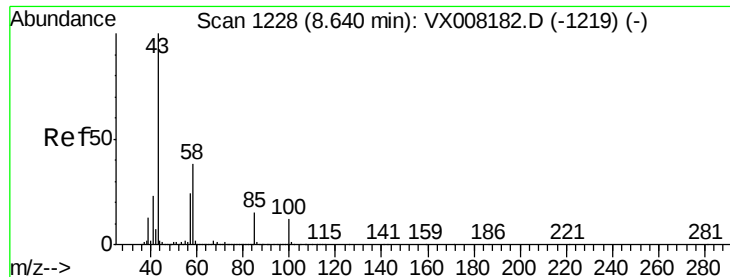


#50
 Toluene-d8
 Concen: 48.020 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion: 98 Resp: 555082

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 279.132 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

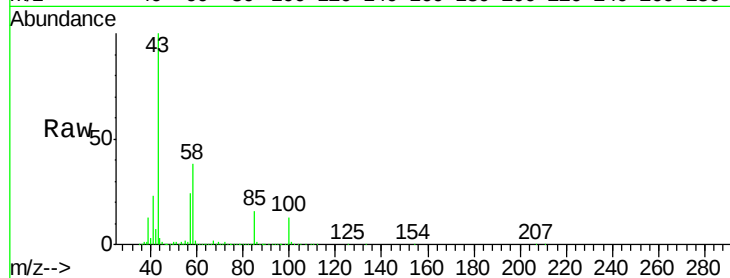
ClientSampleId :

Tot Ion: 43 Resp: 1813083

Ion Ratio Lower Upper

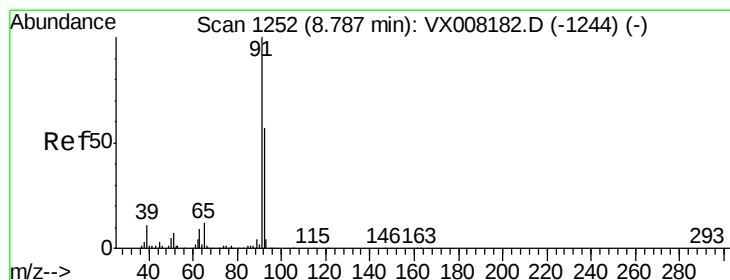
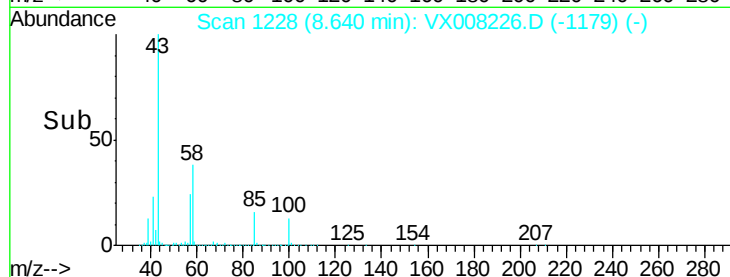
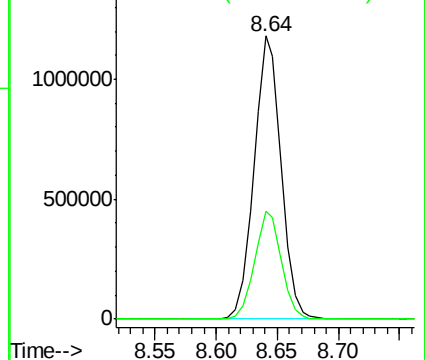
43 100

58 37.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.887 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008226.D

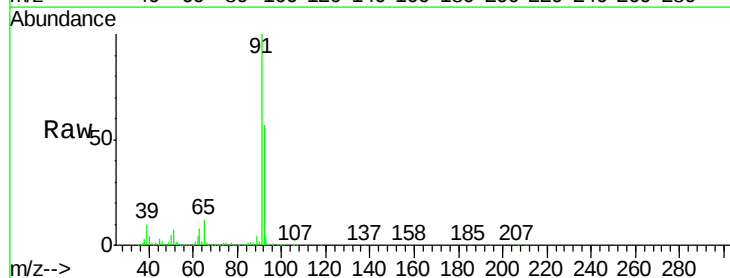
Acq: 20 Mar 2019 06:56

Tgt Ion: 92 Resp: 483118

Ion Ratio Lower Upper

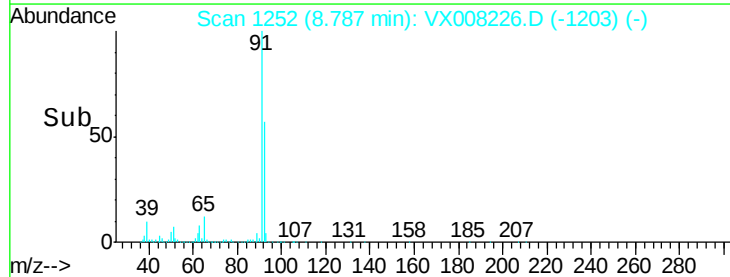
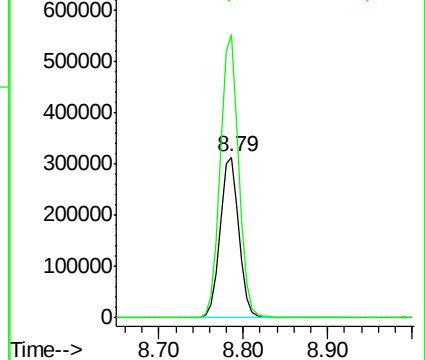
92 100

91 173.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

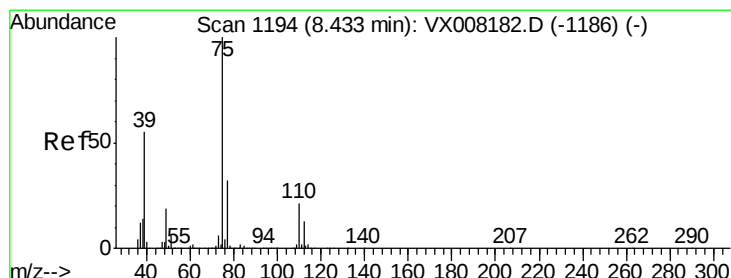
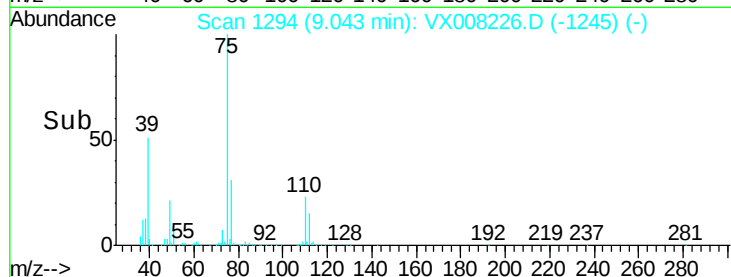
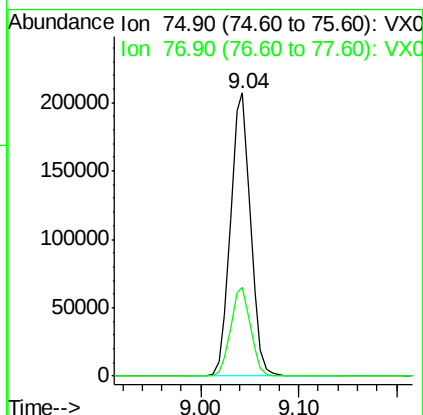
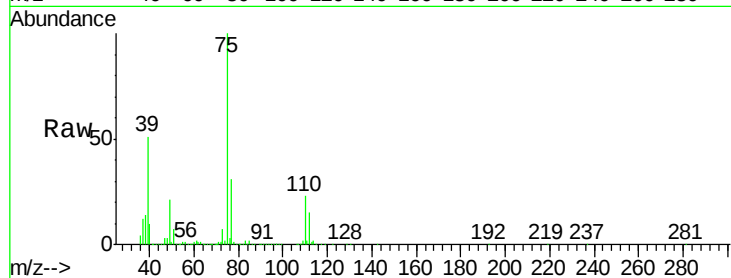




#53
 t-1,3-Dichloropropene
 Concen: 46.307 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

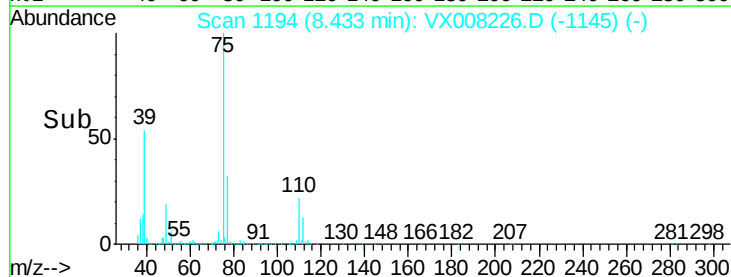
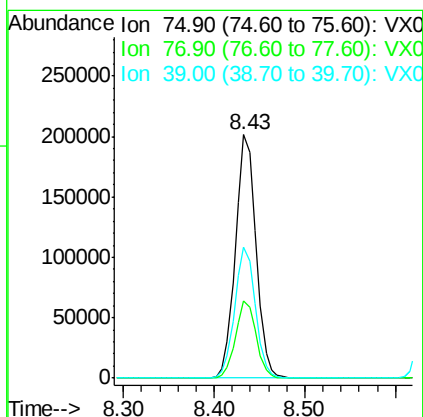
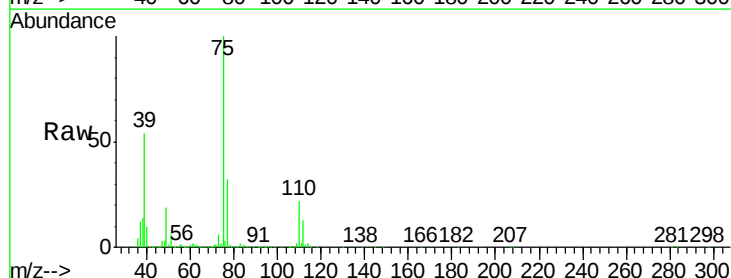
Instrument :
 MSVOA_X
 ClientSampleId :

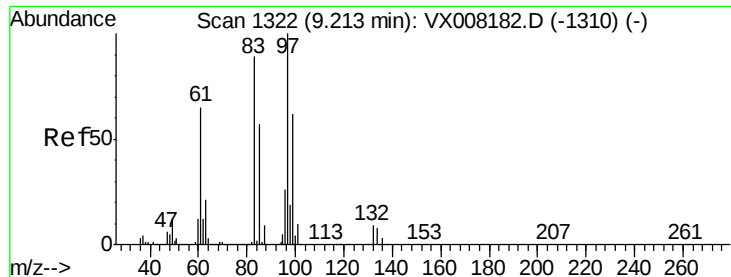
Tot Ion: 75 Resp: 293313
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.318 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion: 75 Resp: 316582
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 54.0 36.6 54.8

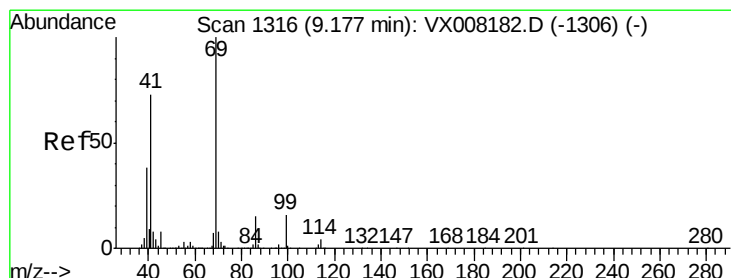
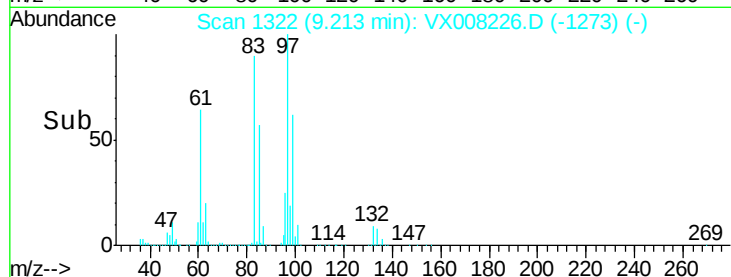
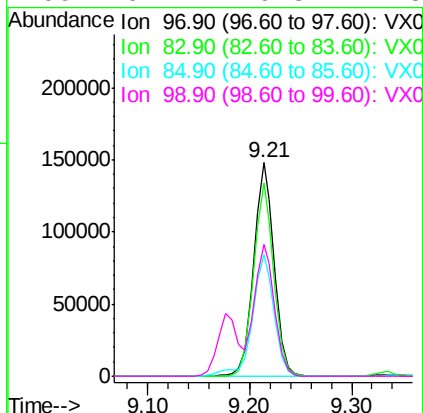
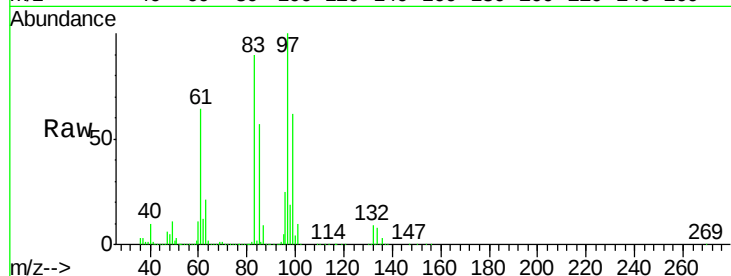




#55
 1,1,2-Trichloroethane
 Concen: 55.418 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

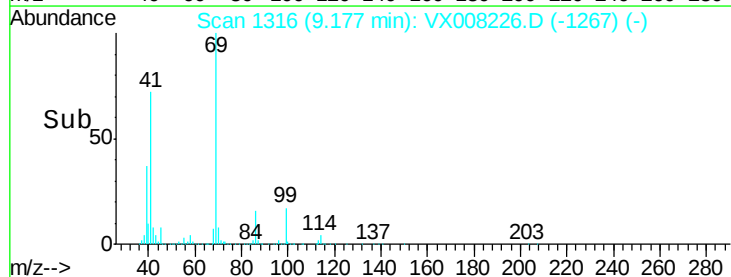
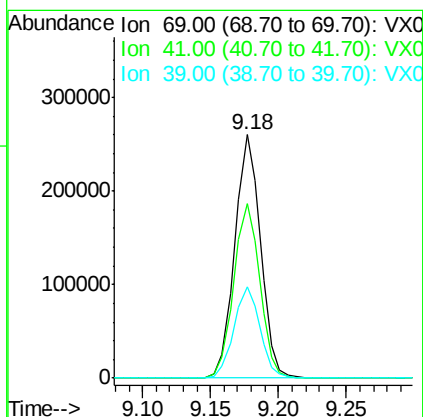
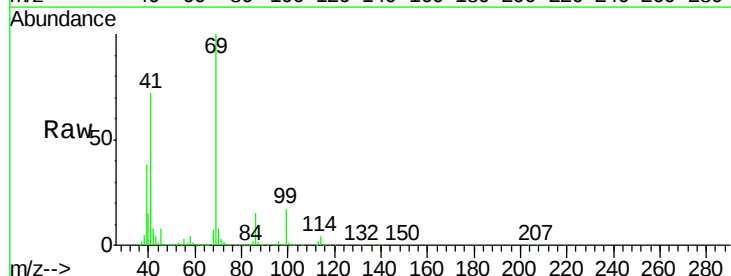
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	208479
Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.1	103.7
85	56.8	44.3	66.5
99	61.7	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 51.962 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion:	69	Resp:	343015
Ion	Ratio	Lower	Upper
69	100		
41	73.0	54.2	81.4
39	38.0	25.0	37.4#





#57

1,3-Dichloropropane

Concen: 54.639 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

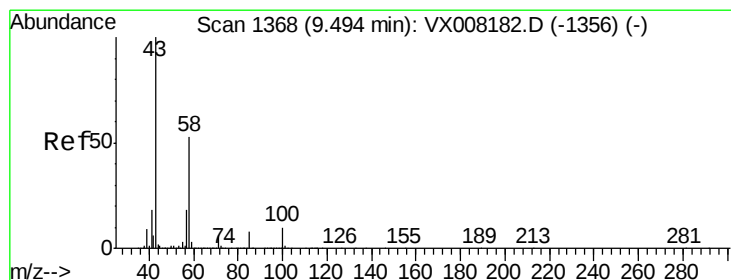
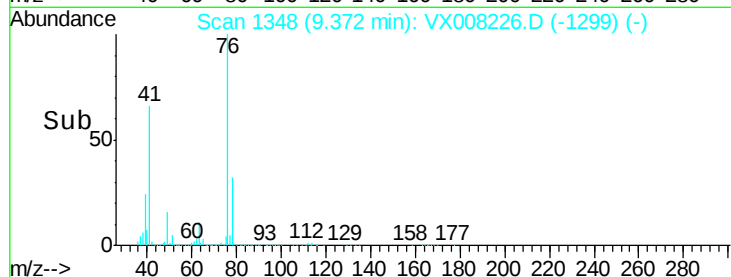
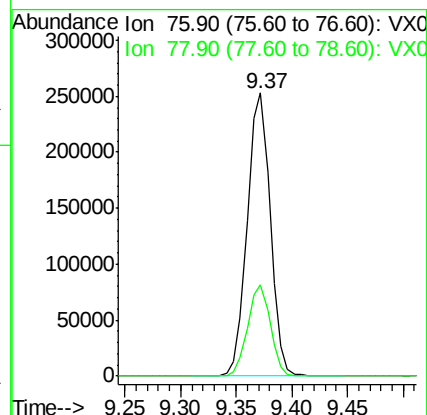
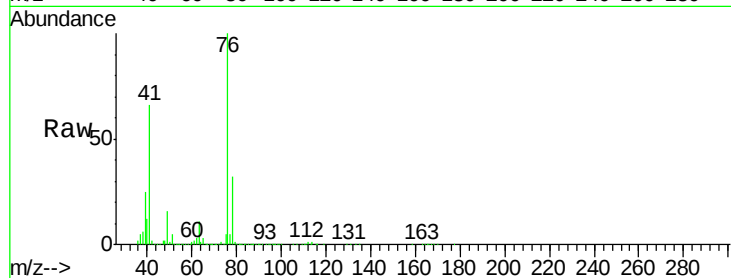
ClientSampleId :

Tot Ion: 76 Resp: 363617

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#59

2-Hexanone

Concen: 274.941 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008226.D

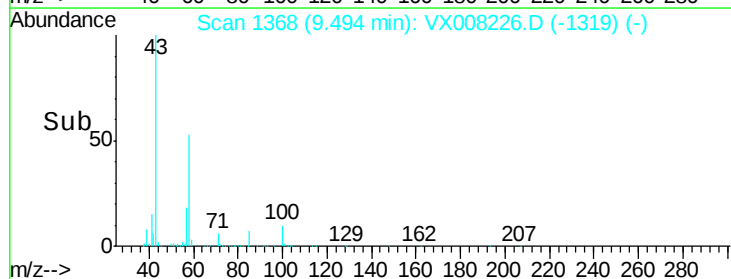
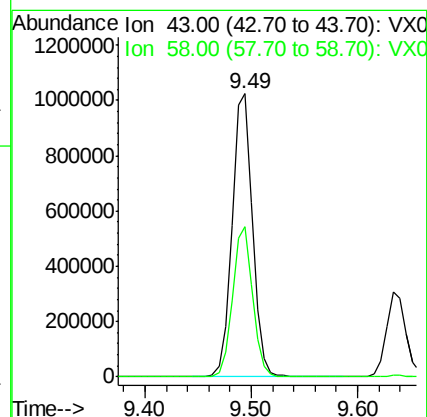
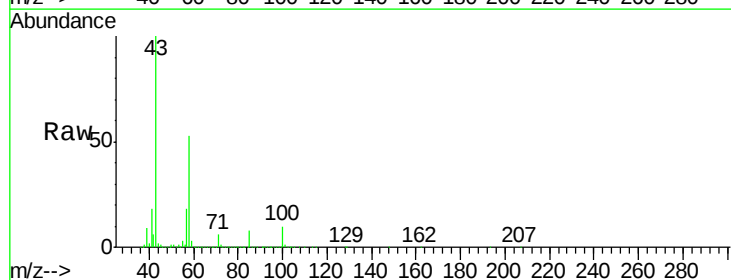
Acq: 20 Mar 2019 06:56

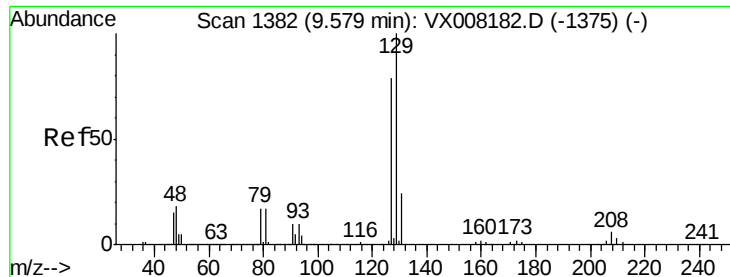
Tgt Ion: 43 Resp: 1374894

Ion Ratio Lower Upper

43 100

58 52.2 27.6 82.7





#60

Dibromochloromethane

Concen: 56.676 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

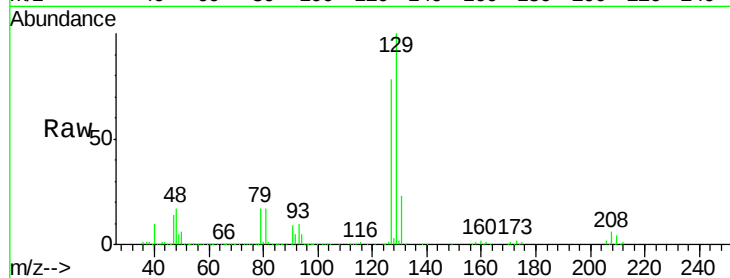
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 204904

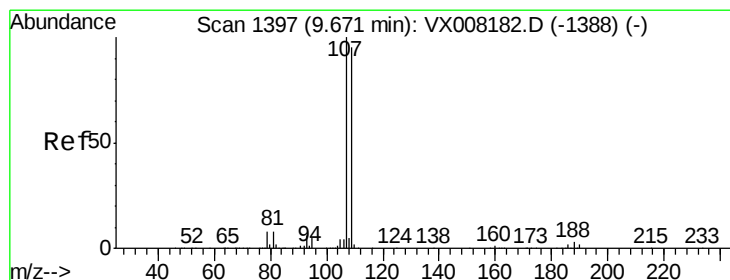
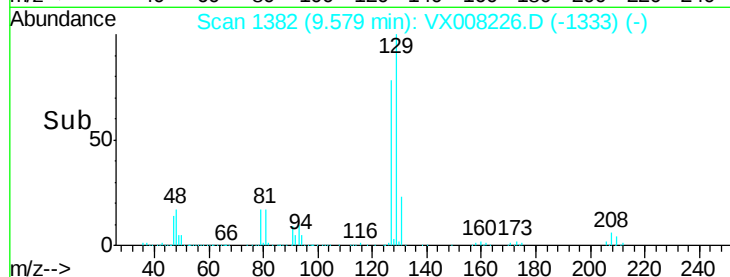
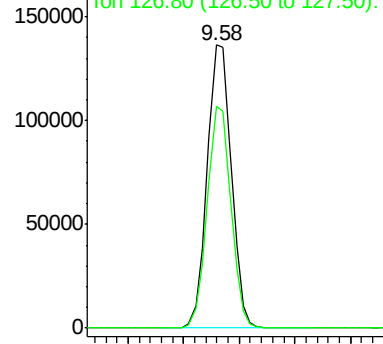
Ion Ratio Lower Upper

129 100

127 77.3 38.3 114.8



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



#61

1,2-Dibromoethane

Concen: 54.767 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008226.D

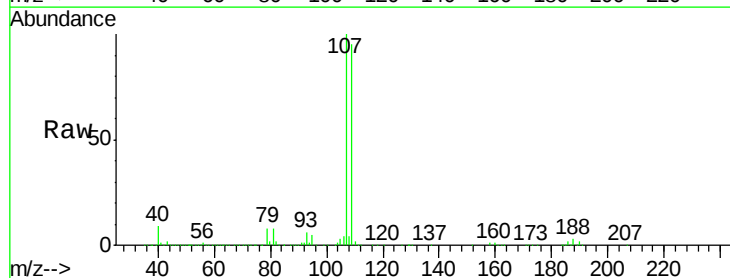
Acq: 20 Mar 2019 06:56

Tgt Ion:107 Resp: 215127

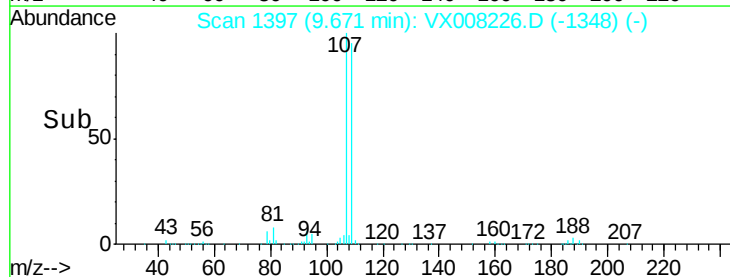
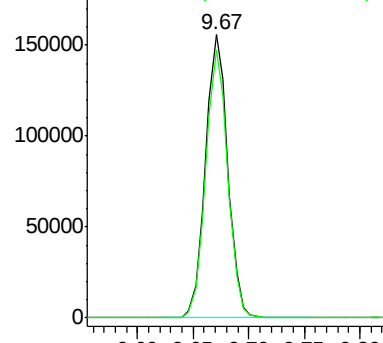
Ion Ratio Lower Upper

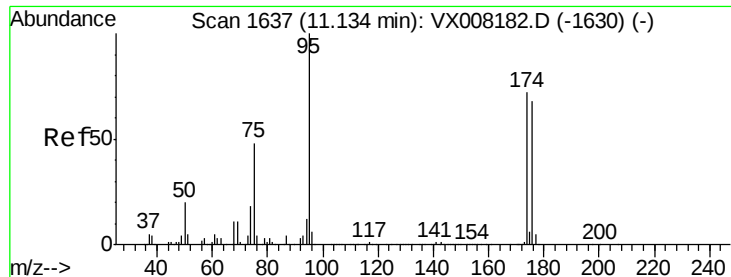
107 100

109 93.6 75.8 113.8



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





#62

4-Bromofluorobenzene

Concen: 48.884 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

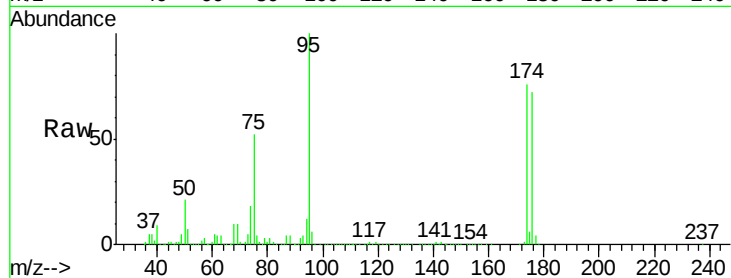
Tot Ion: 95 Resp: 194565

Ion Ratio Lower Upper

95 100

174 79.5 0.0 182.8

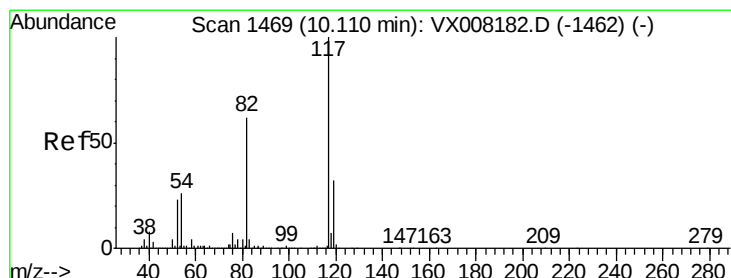
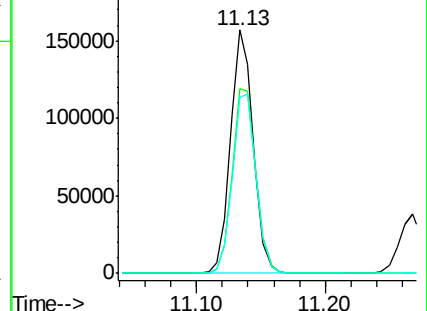
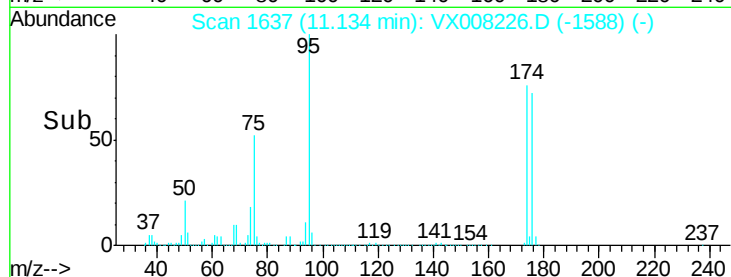
176 76.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008226.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008226.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008226.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

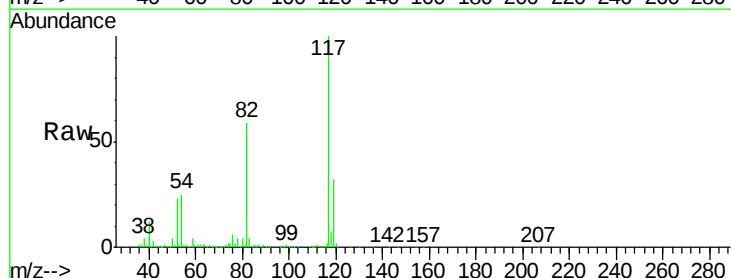
Tgt Ion: 117 Resp: 403741

Ion Ratio Lower Upper

117 100

82 59.3 44.3 66.5

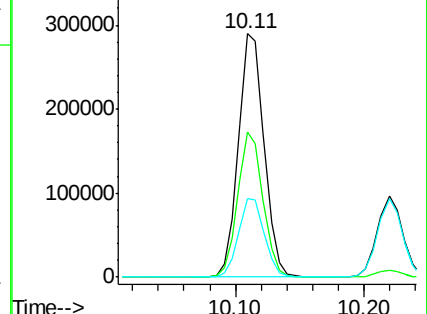
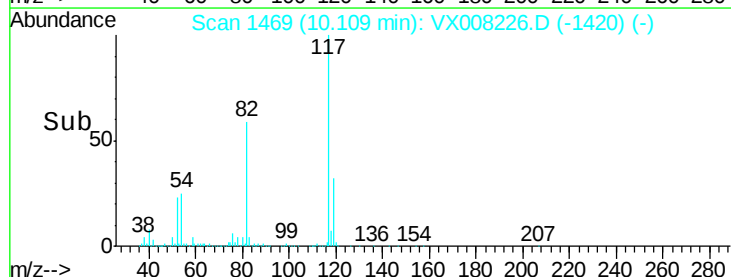
119 32.1 25.3 37.9

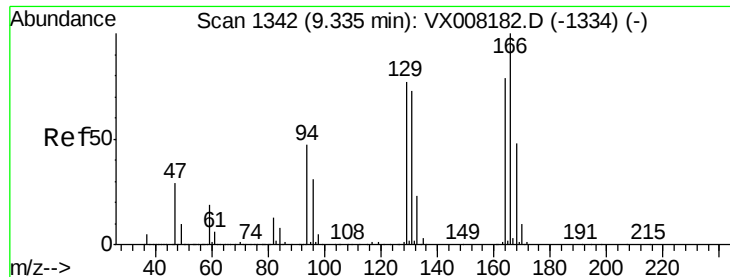


Abundance Ion 116.90 (116.60 to 117.60): VX008226.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008226.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008226.D (-1420) (-)





#64

Tetrachloroethene

Concen: 49.494 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 180282

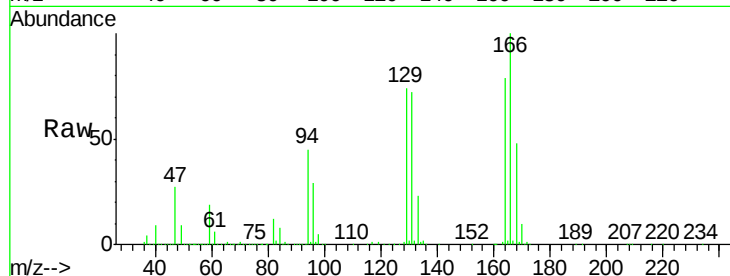
Ion Ratio Lower Upper

164 100

166 127.0 103.4 155.0

129 94.1 72.2 108.4

131 91.6 69.4 104.2

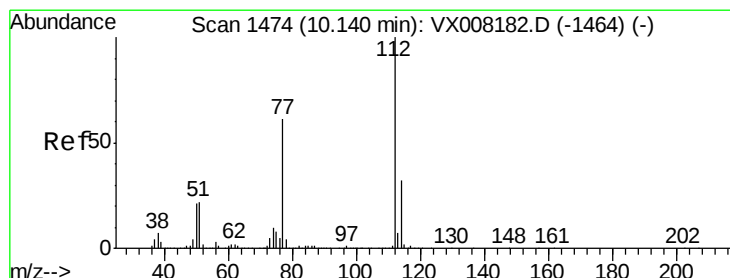
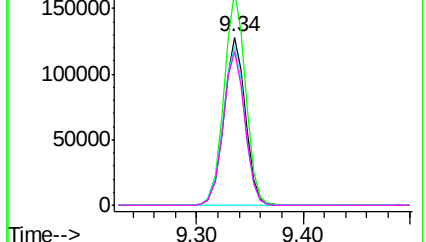
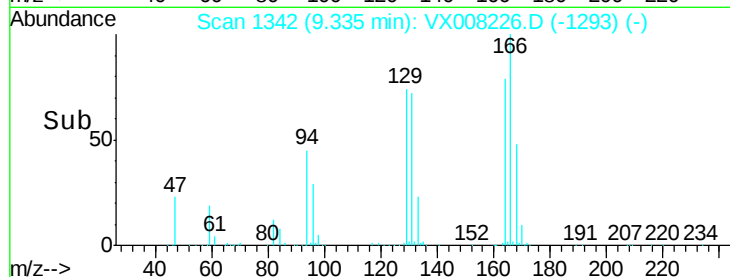


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.850 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008226.D

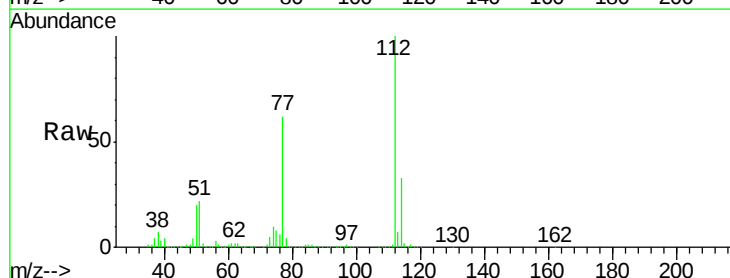
Acq: 20 Mar 2019 06:56

Tgt Ion:112 Resp: 505170

Ion Ratio Lower Upper

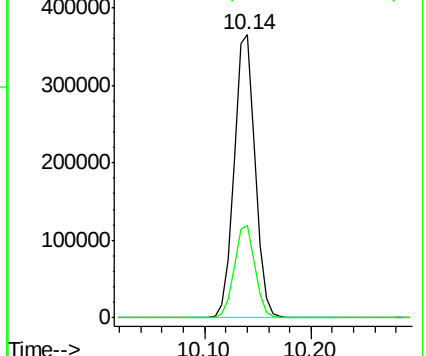
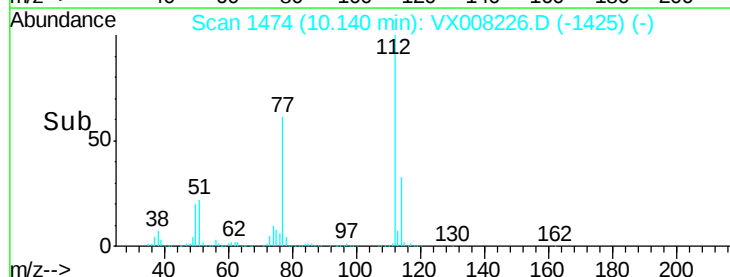
112 100

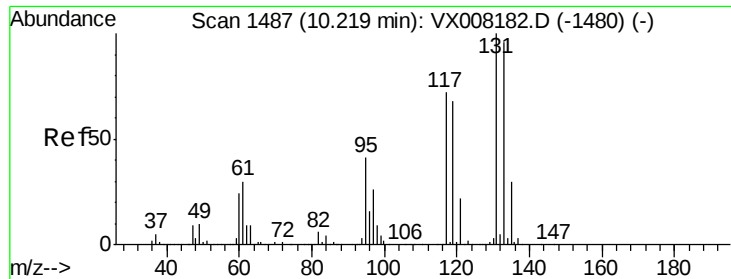
114 32.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

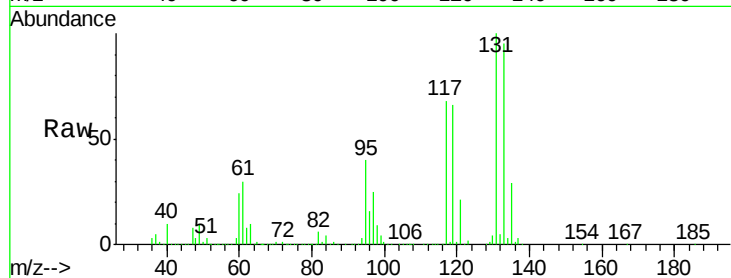




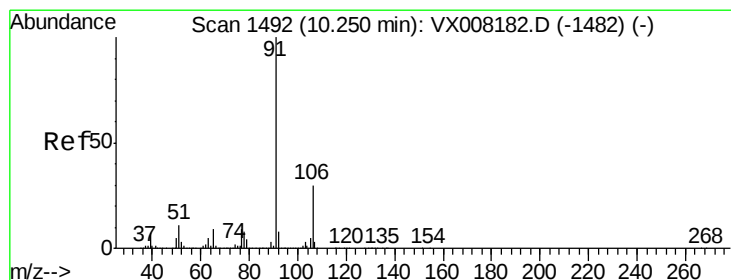
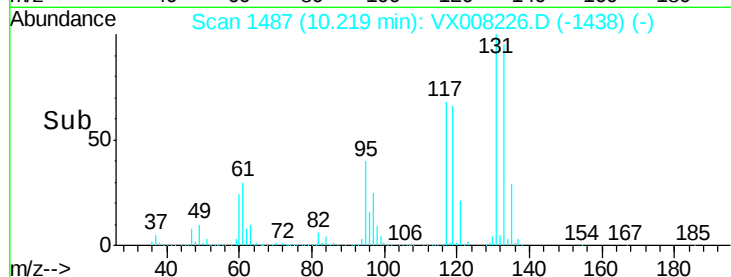
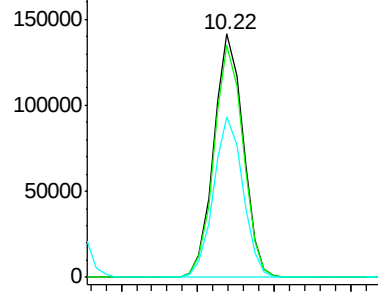
#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.478 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:131 Resp: 188697
 Ion Ratio Lower Upper
 131 100
 133 94.6 47.8 143.3
 119 65.9 32.5 97.5

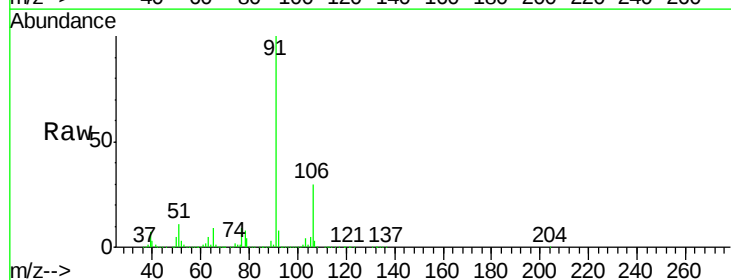


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

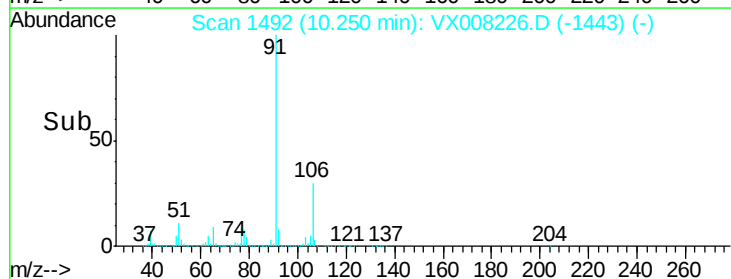
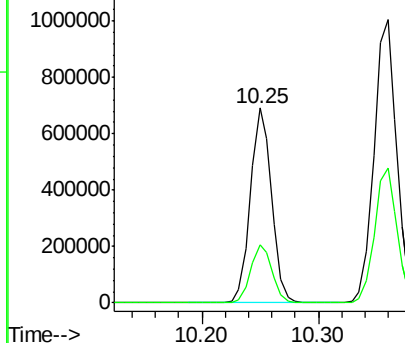


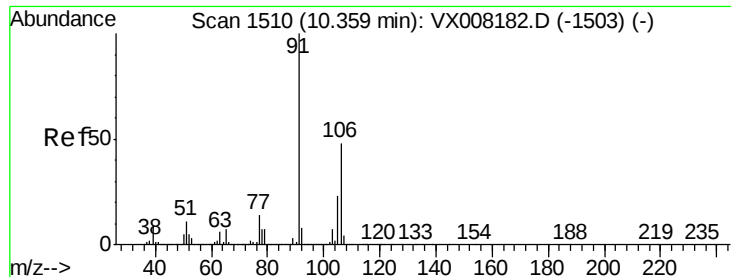
#67
 Ethyl Benzene
 Concen: 50.160 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion: 91 Resp: 878119
 Ion Ratio Lower Upper
 91 100
 106 30.1 25.2 37.8



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

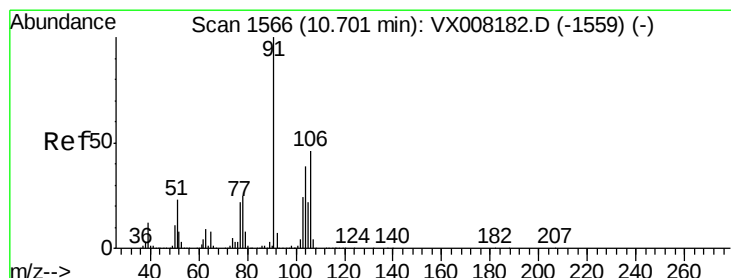
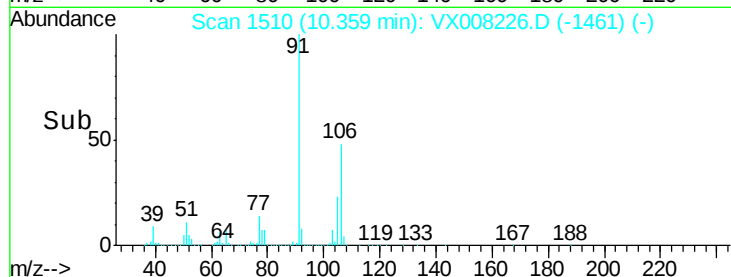
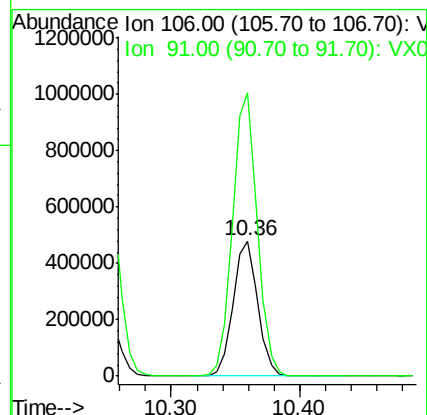
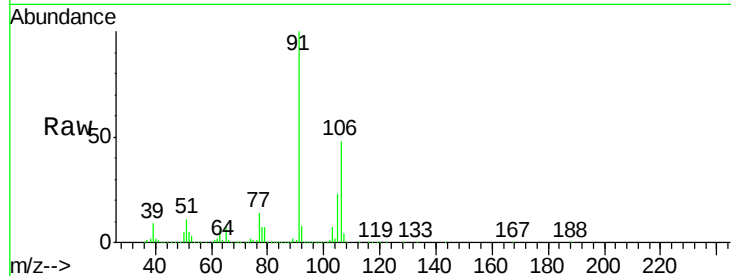




#68
m/p-Xylenes
Concen: 99.582 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

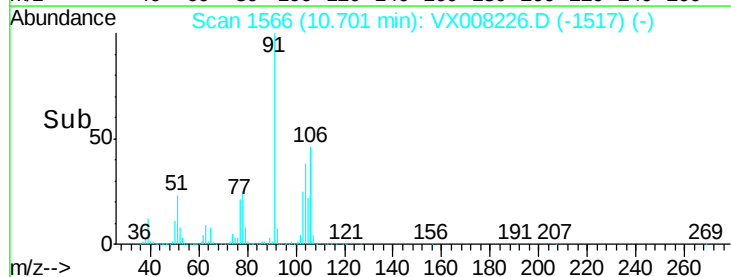
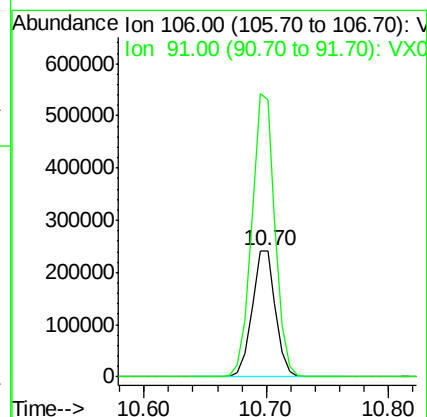
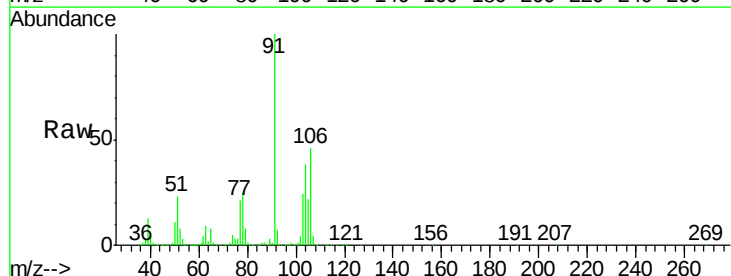
Instrument :
MSVOA_X
ClientSampleId :

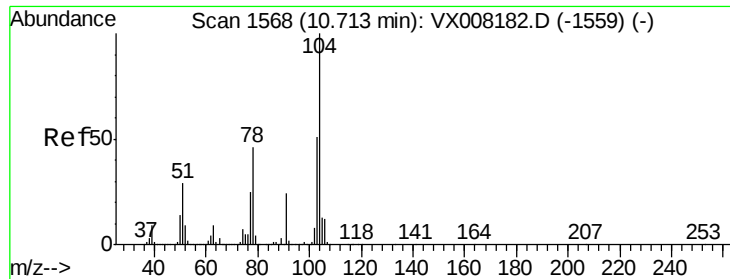
Tot Ion:106 Resp: 640394
Ion Ratio Lower Upper
106 100
91 210.8 159.8 239.6



#69
o-Xylene
Concen: 51.214 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion:106 Resp: 320027
Ion Ratio Lower Upper
106 100
91 223.1 106.3 318.9

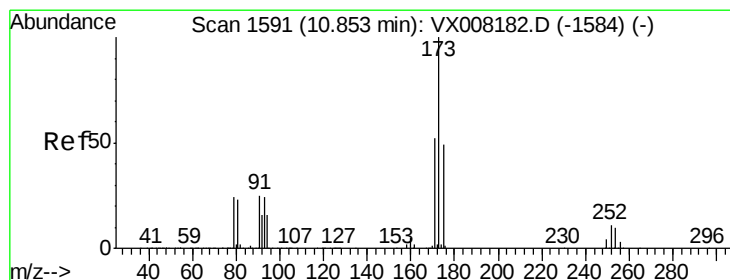
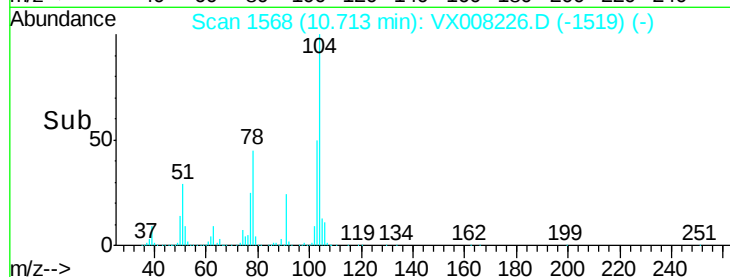
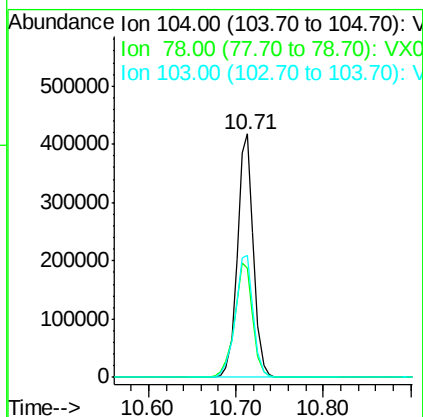
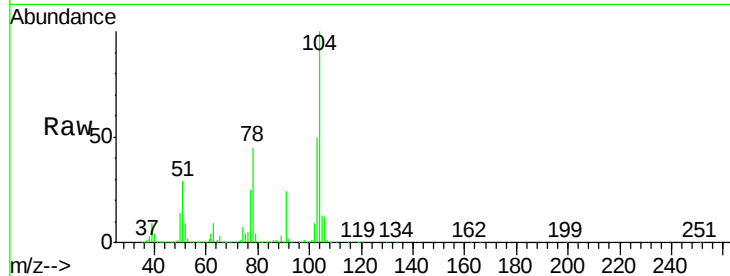




#70
Stvrene
Concen: 52.526 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

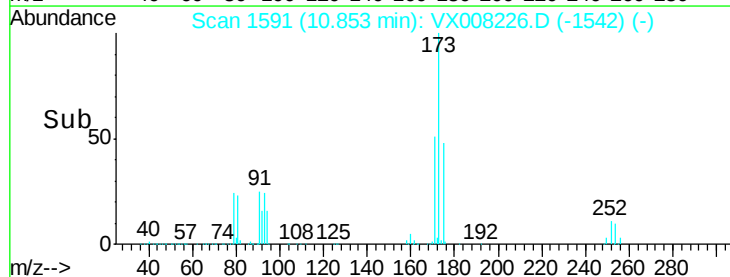
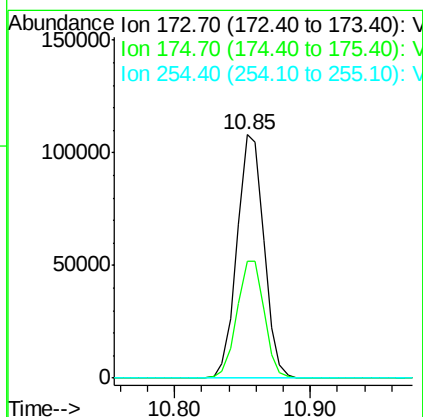
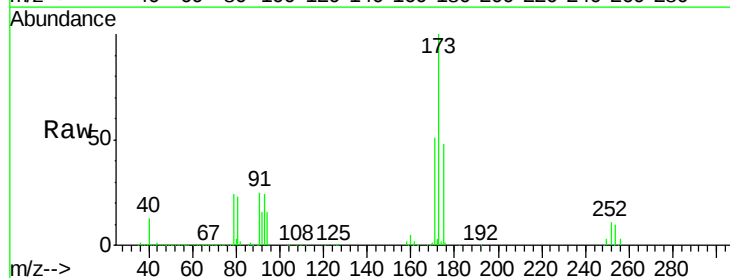
Instrument :
MSVOA_X
ClientSampleId :

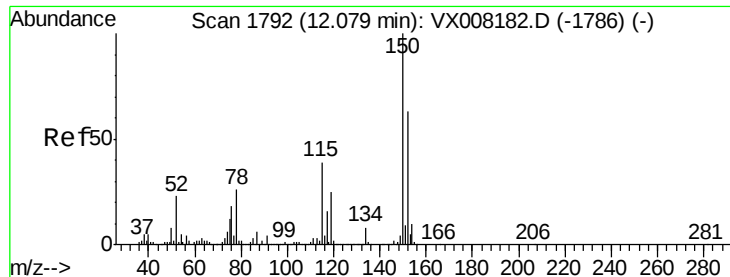
Tot Ion:104 Resp: 533429
Ion Ratio Lower Upper
104 100
78 53.0 38.5 57.7
103 56.0 44.1 66.1



#71
Bromoform
Concen: 49.764 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion:173 Resp: 148485
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.9
254 0.2 0.1 0.1#



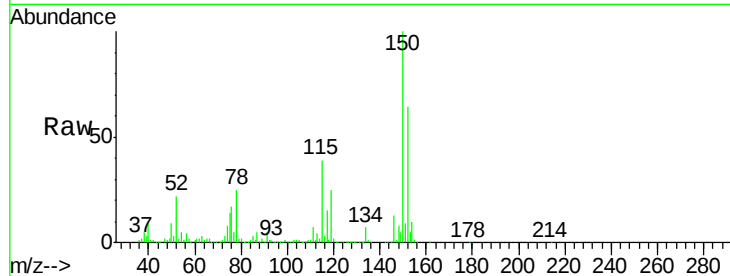


#72

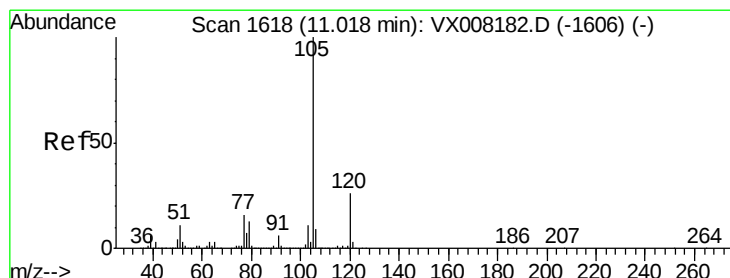
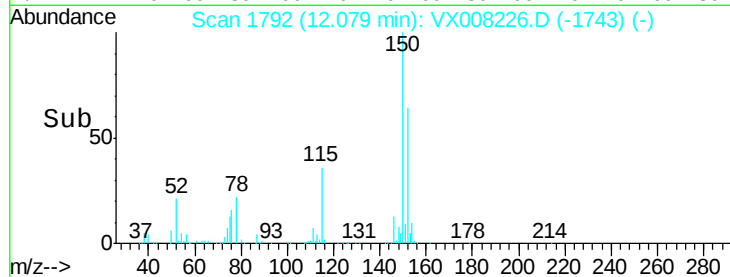
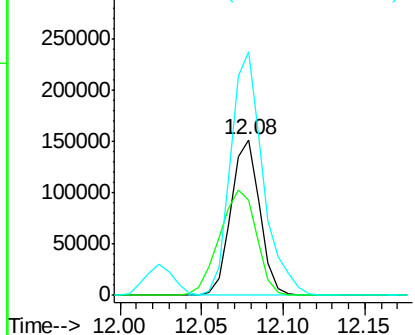
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	87.5	38.6	115.7
150	176.4	0.0	348.4



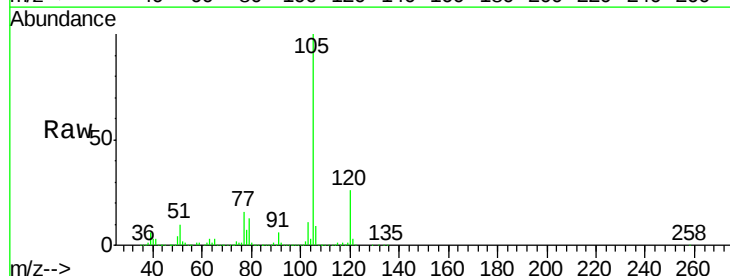
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



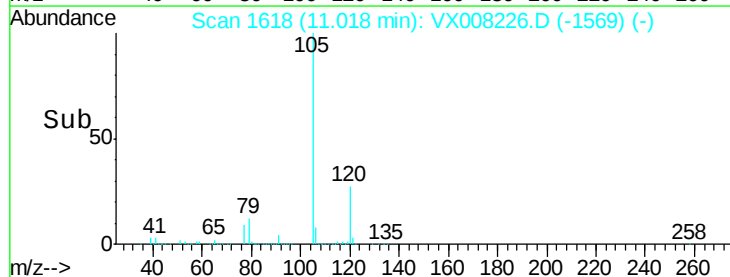
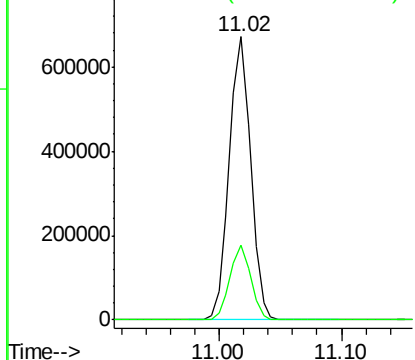
#73

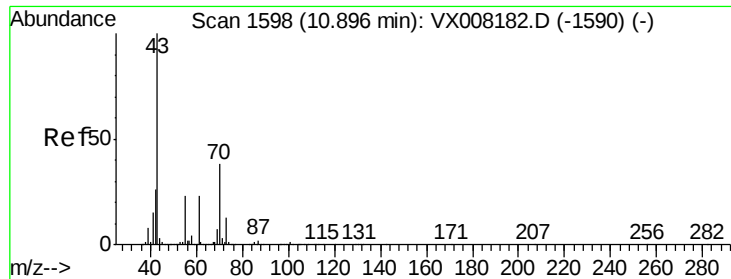
Isopropylbenzene
Concen: 49.347 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.4	40.1



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





#74

N-amyl acetate

Concen: 43.417 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 375006

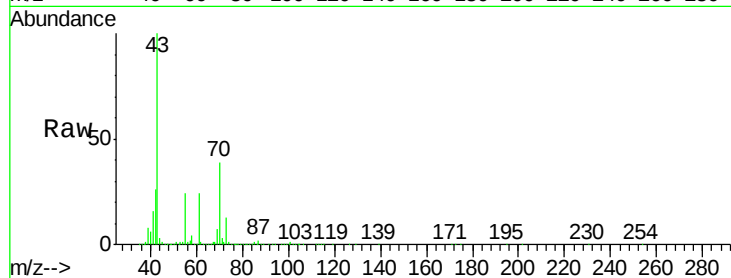
Ion Ratio Lower Upper

43 100

70 39.0 33.5 50.3

55 24.0 19.2 28.8

61 23.1 19.0 28.6

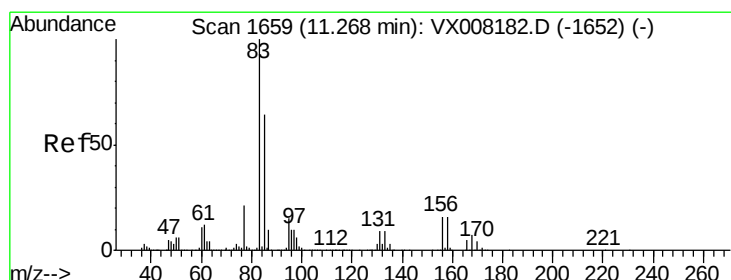
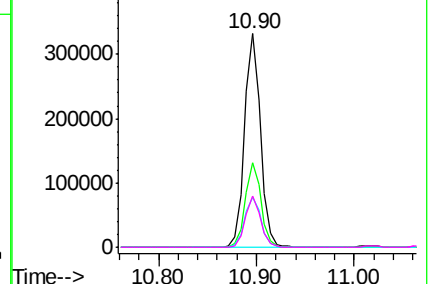
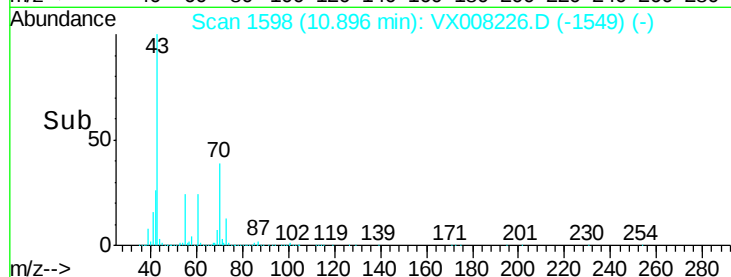


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.324 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

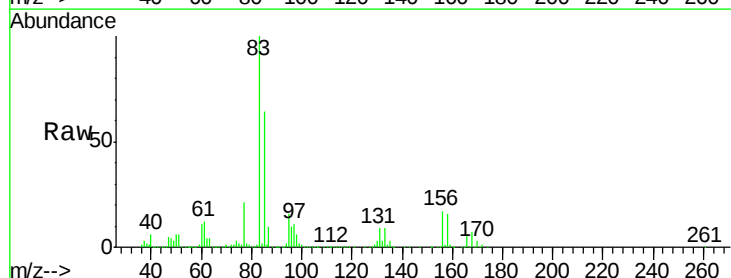
Tgt Ion: 83 Resp: 315217

Ion Ratio Lower Upper

83 100

131 9.1 5.4 16.2

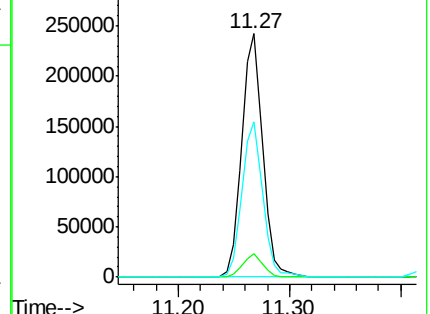
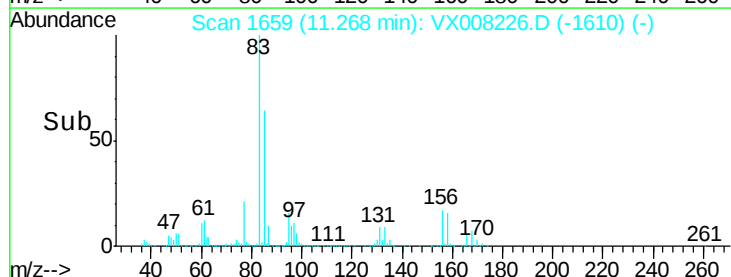
85 63.7 32.3 96.8

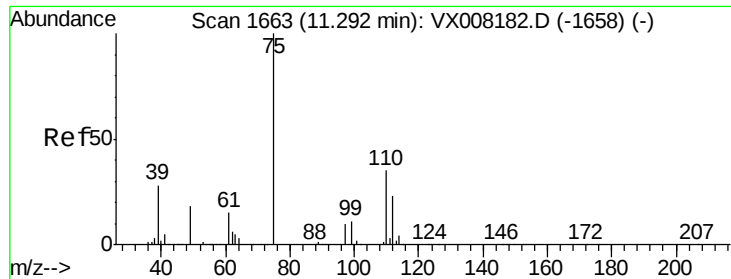


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 70.756 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

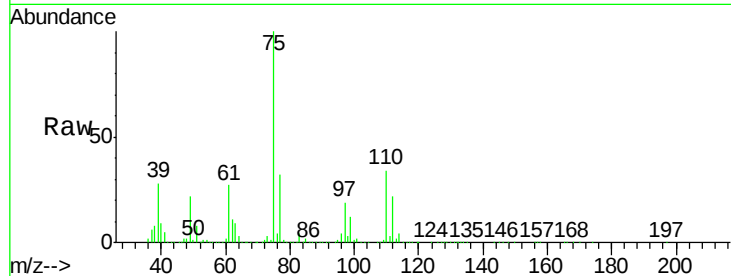
ClientSampleId :

Tot Ion: 75 Resp: 368066

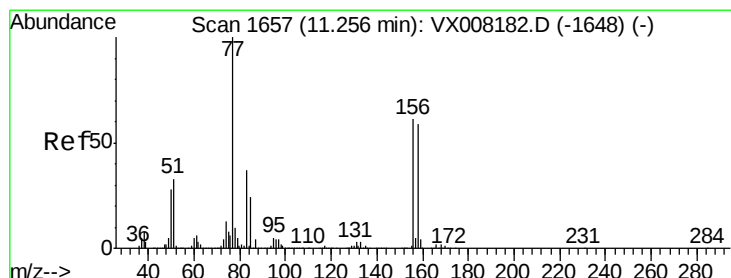
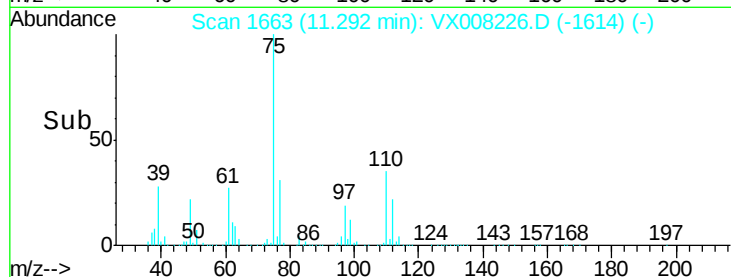
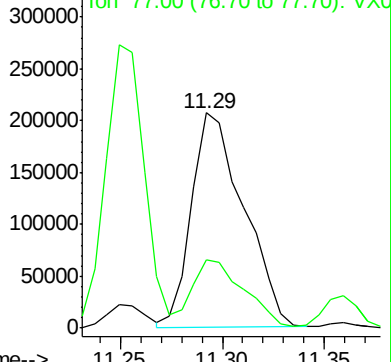
Ion Ratio Lower Upper

75 100

77 31.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX008182.D (-1658) (-)



#77

Bromobenzene

Concen: 52.542 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

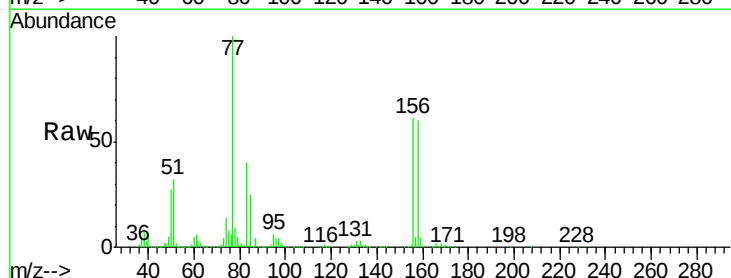
Tgt Ion: 156 Resp: 209428

Ion Ratio Lower Upper

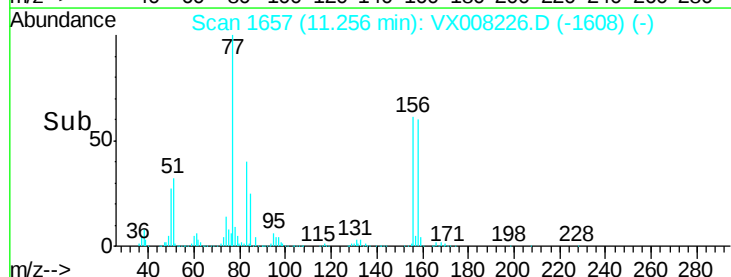
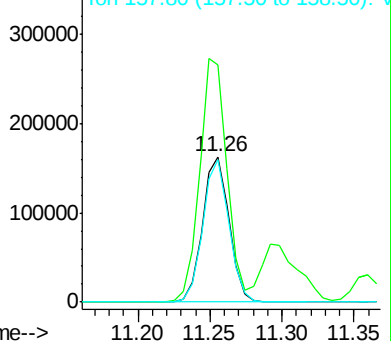
156 100

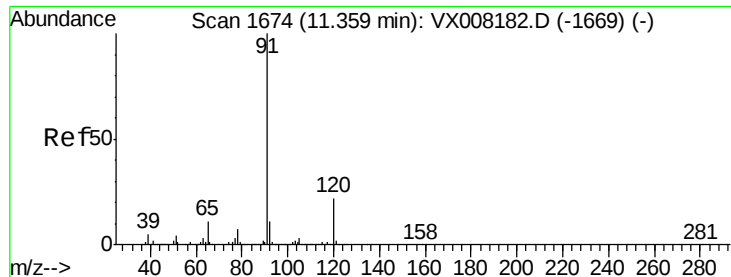
77 172.2 72.0 215.9

158 96.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): VX008182.D (-1648) (-)





#78

n-propylbenzene

Concen: 48.621 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

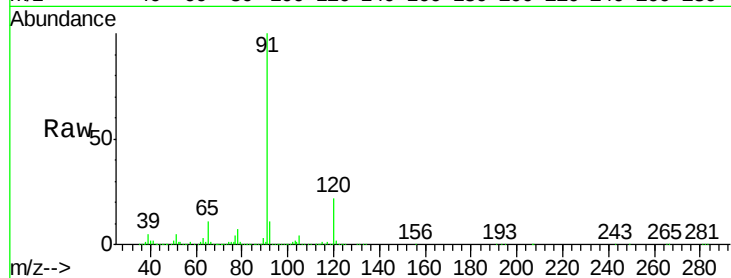
ClientSampleId :

Tot Ion: 91 Resp: 930957

Ion Ratio Lower Upper

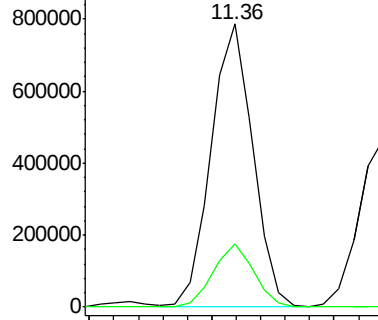
91 100

120 21.9 12.0 36.0

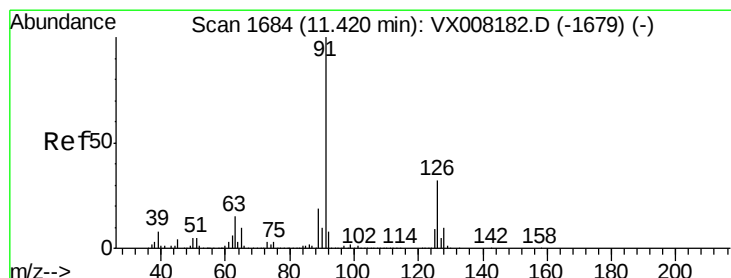
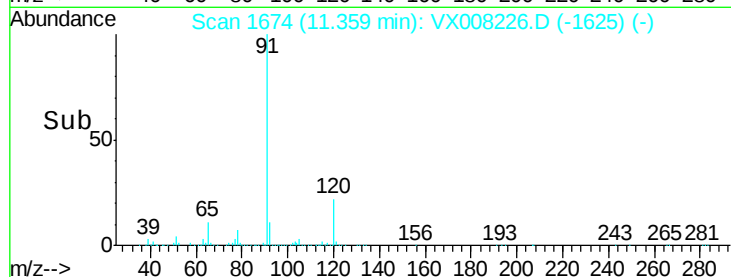


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 50.036 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008226.D

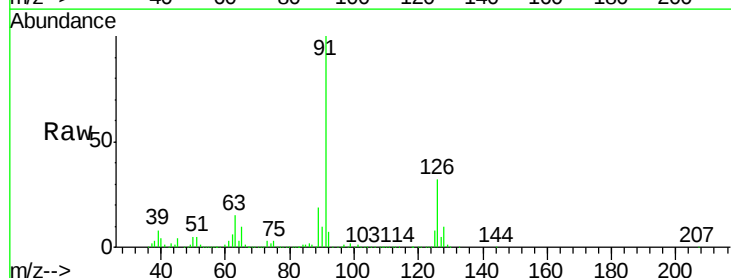
Acq: 20 Mar 2019 06:56

Tgt Ion: 91 Resp: 575029

Ion Ratio Lower Upper

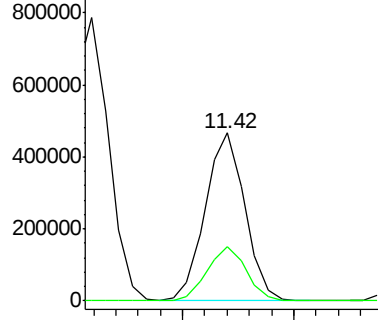
91 100

126 32.4 17.5 52.6

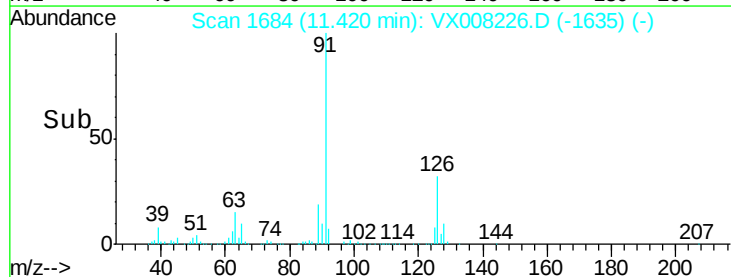


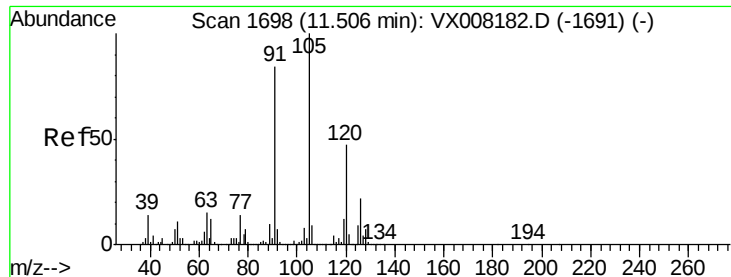
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.40 11.45





#80

1,3,5-Trimethylbenzene

Concen: 49.570 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

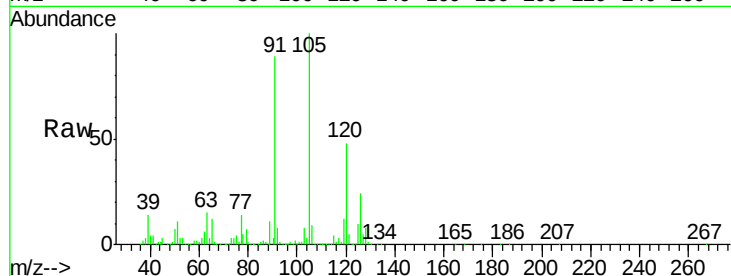
ClientSampleId :

Tot Ion:105 Resp: 675131

Ion Ratio Lower Upper

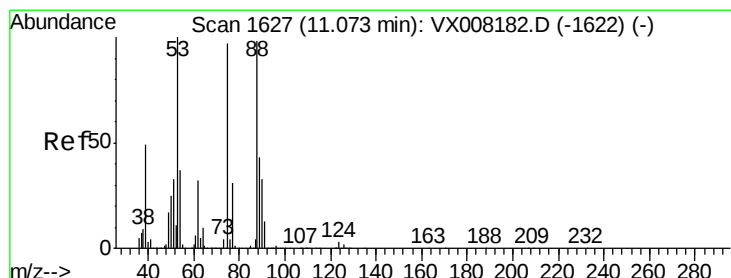
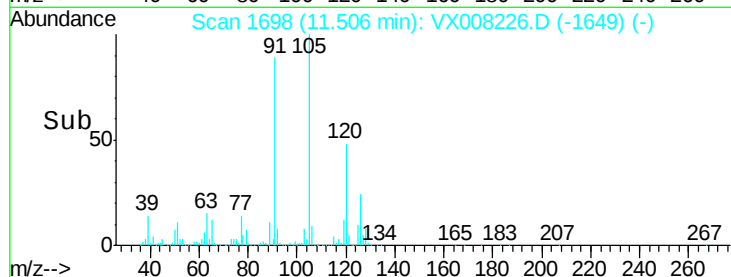
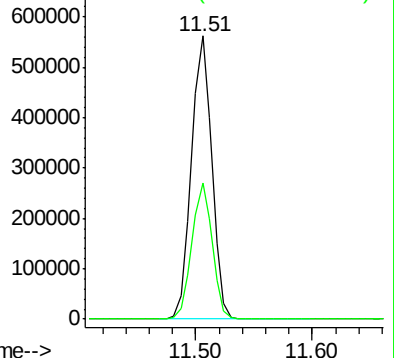
105 100

120 48.0 24.9 74.6



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: 44.413 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

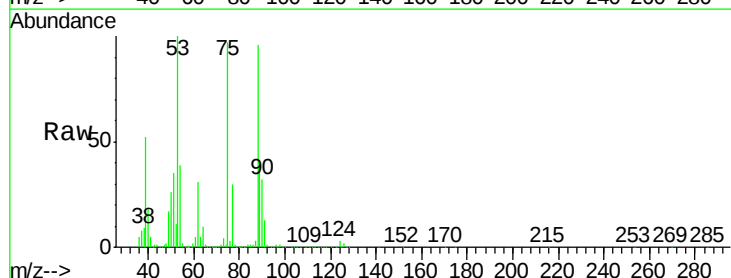
Tgt Ion: 75 Resp: 90290

Ion Ratio Lower Upper

75 100

53 103.7 76.1 114.1

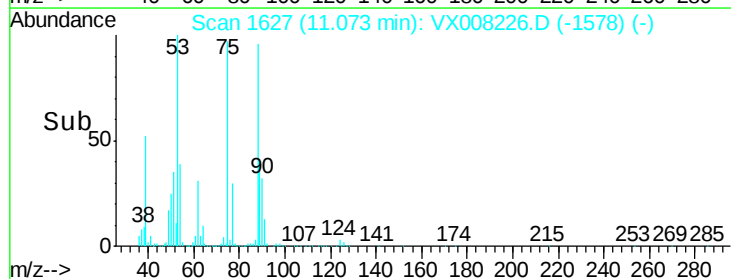
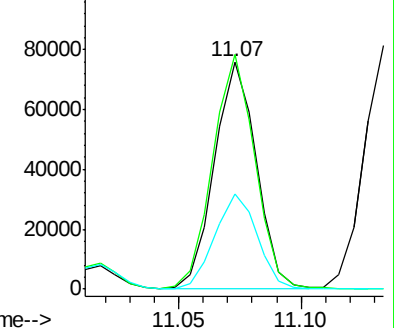
89 43.0 36.3 54.5

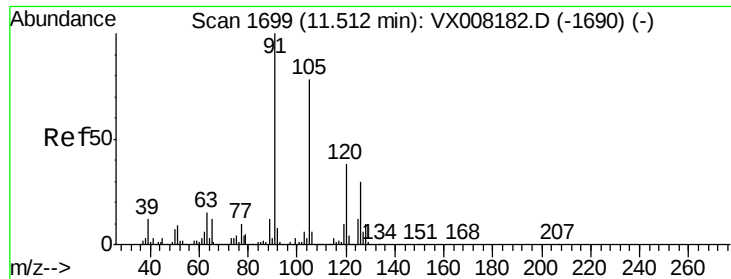


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

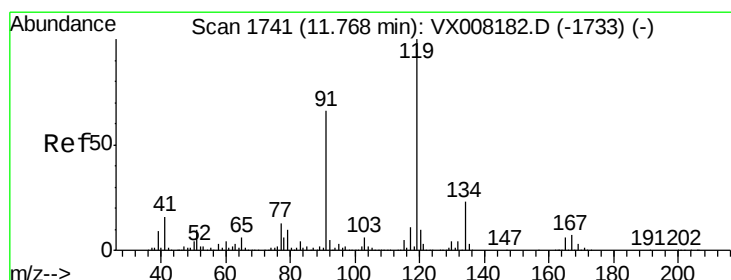
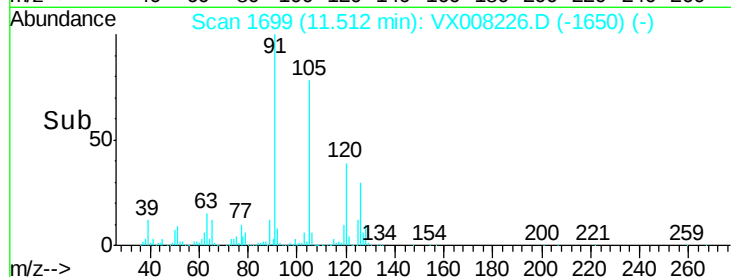
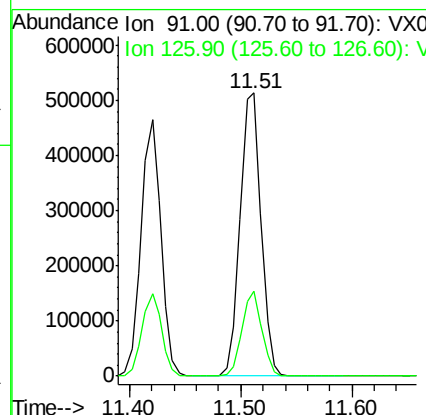
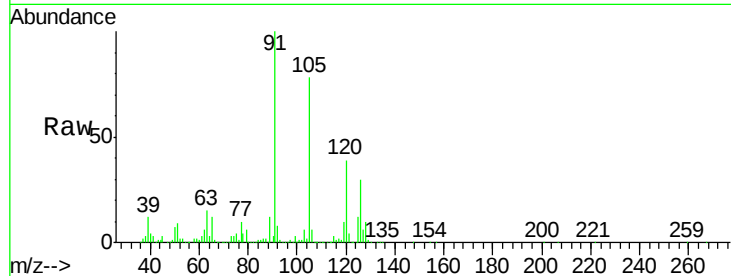




#82
4-Chlorotoluene
Concen: 50.022 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

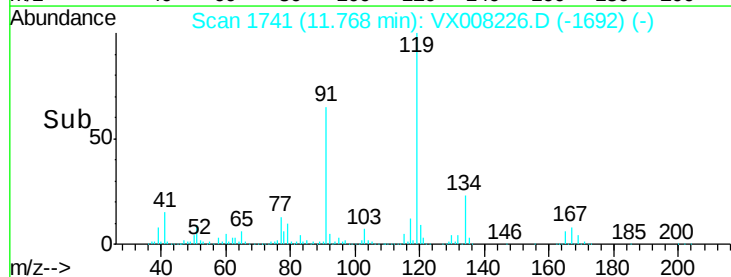
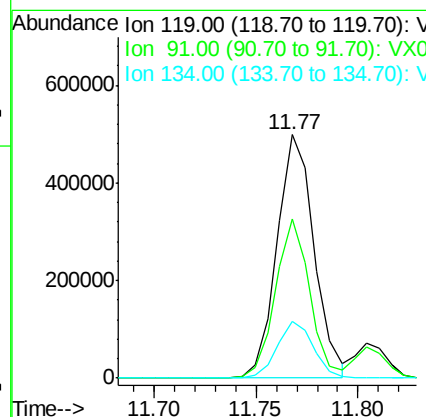
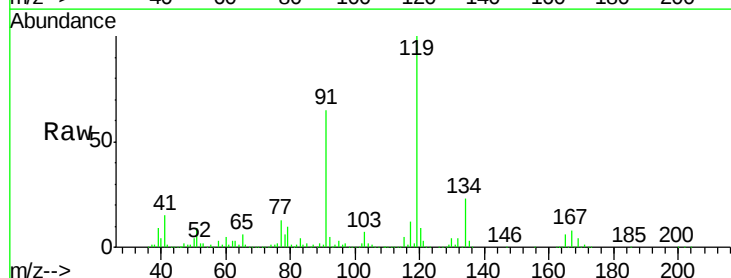
Instrument :
MSVOA_X
ClientSampleId :

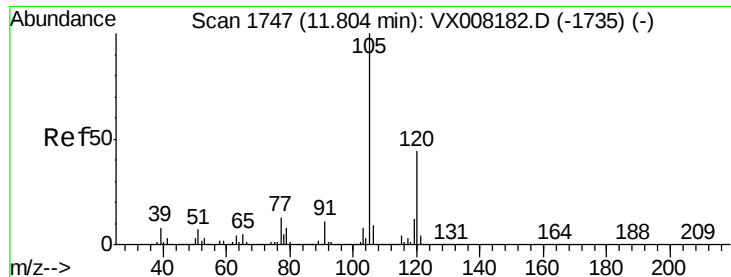
Tot Ion: 91 Resp: 668959
Ion Ratio Lower Upper
91 100
126 28.3 15.6 46.8



#83
tert-Butylbenzene
Concen: 48.779 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion: 119 Resp: 634281
Ion Ratio Lower Upper
119 100
91 60.4 27.1 81.3
134 22.6 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 50.312 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

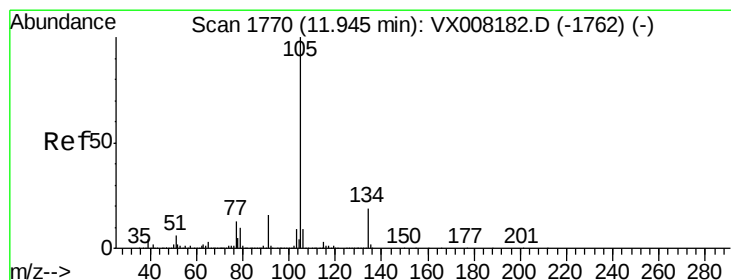
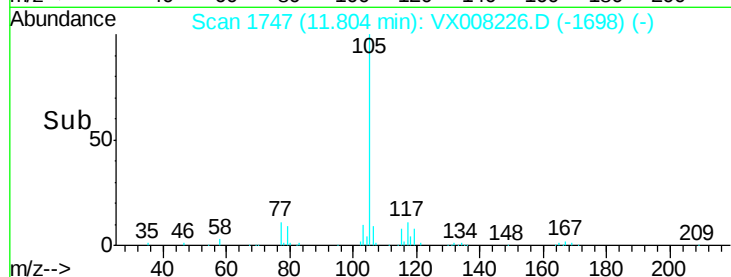
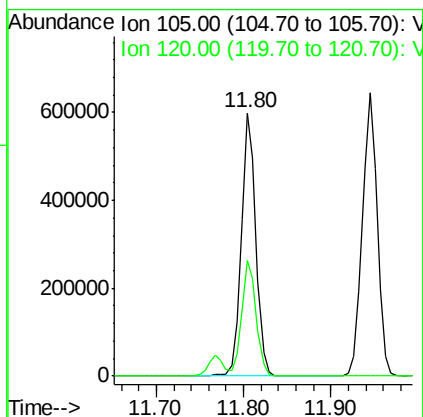
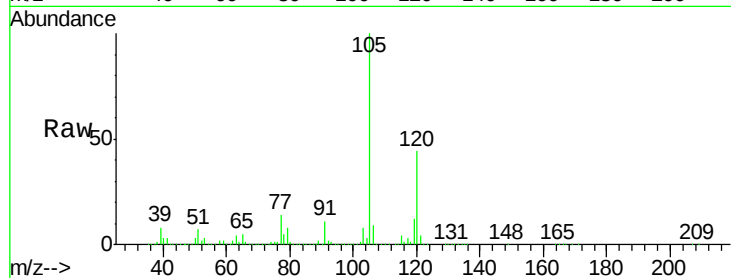
ClientSampleId :

Tot Ion:105 Resp: 694683

Ion Ratio Lower Upper

105 100

120 43.5 22.6 67.7



#85

sec-Butylbenzene

Concen: 47.469 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008226.D

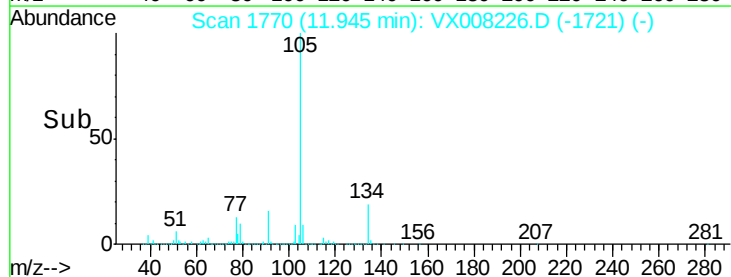
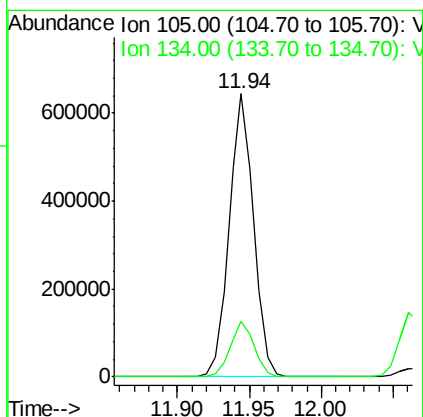
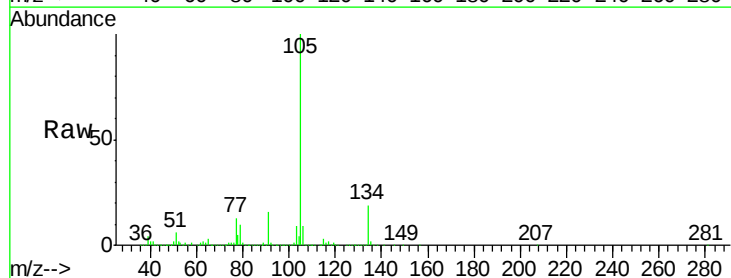
Acq: 20 Mar 2019 06:56

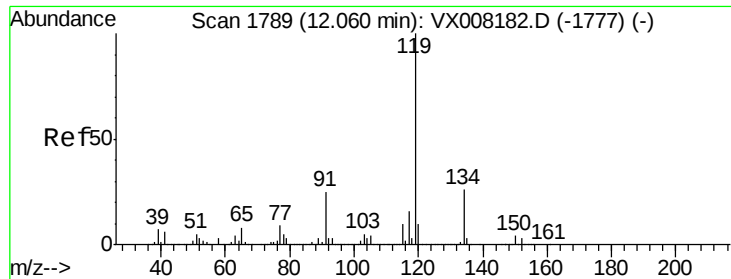
Tgt Ion:105 Resp: 764388

Ion Ratio Lower Upper

105 100

134 19.3 10.4 31.2

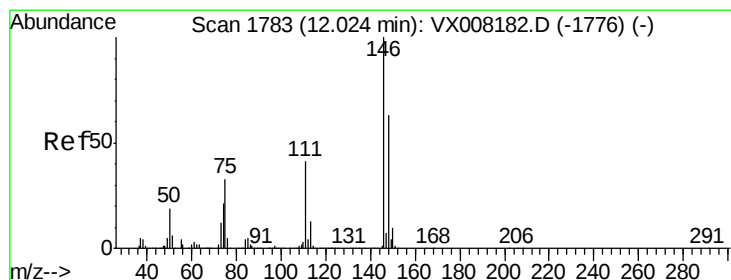
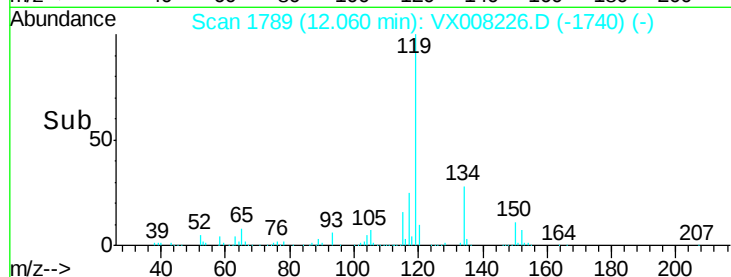
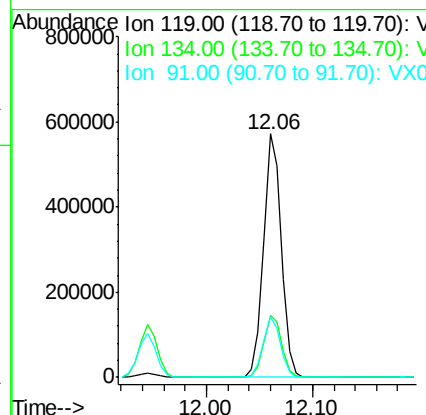
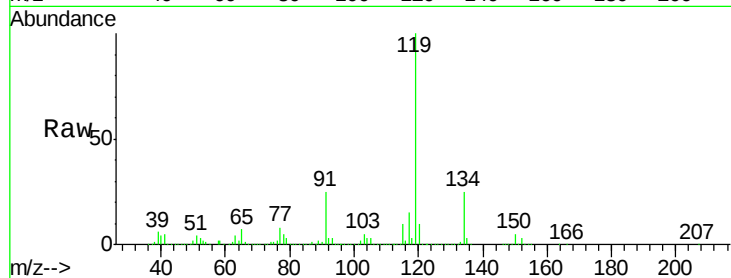




#86
 p-Isopropyltoluene
 Concen: 48.037 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

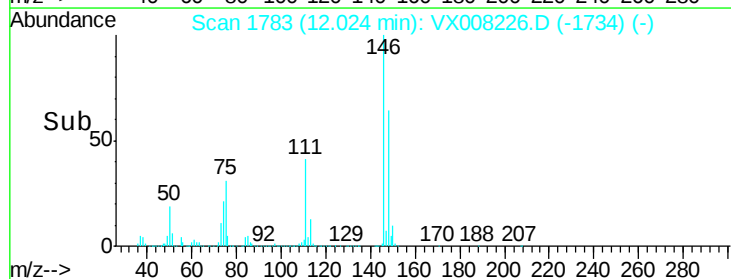
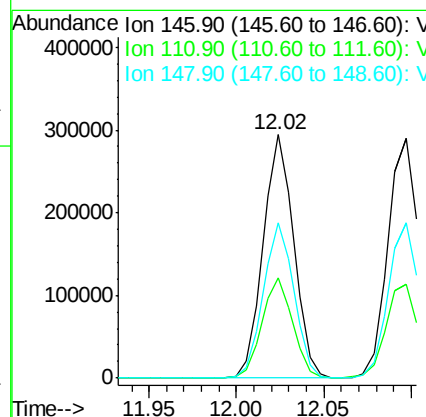
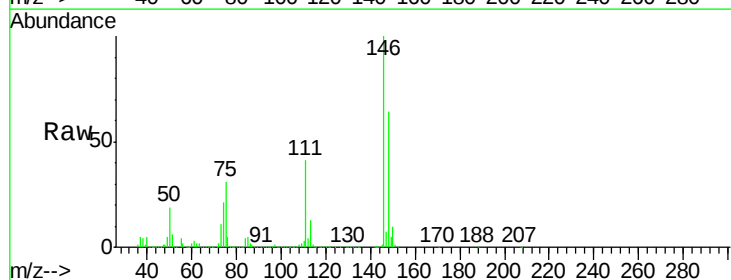
Instrument :
 MSVOA_X
 ClientSampleId :

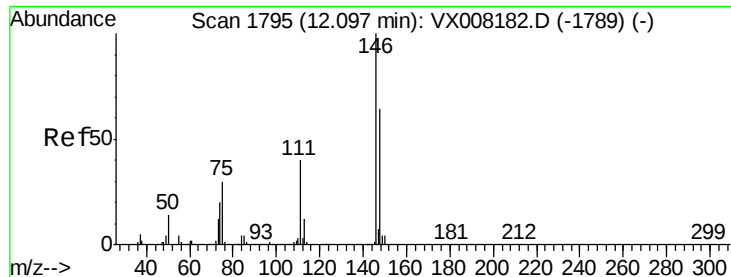
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.3	39.9
91	24.3	10.9	32.7



#87
 1,3-Dichlorobenzene
 Concen: 50.363 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	18.9	56.7
148	63.9	31.7	95.1





#88

1,4-Dichlorobenzene

Concen: 48.511 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

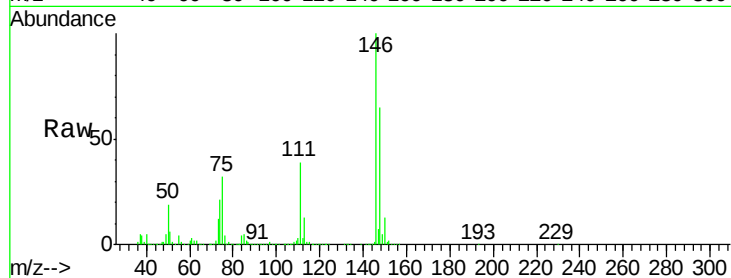
Tot Ion:146 Resp: 357438

Ion Ratio Lower Upper

146 100

111 40.2 18.4 55.0

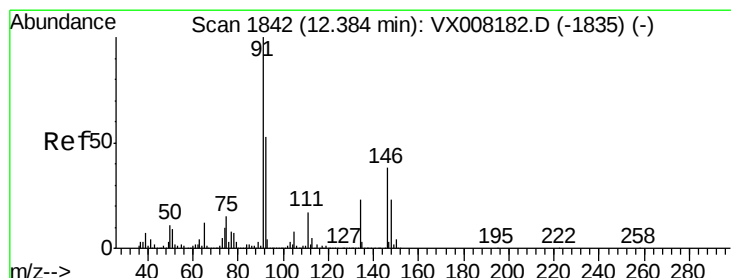
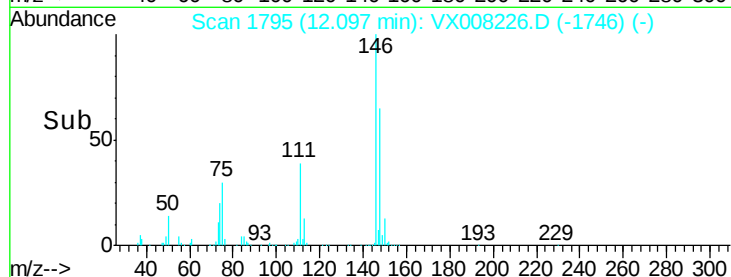
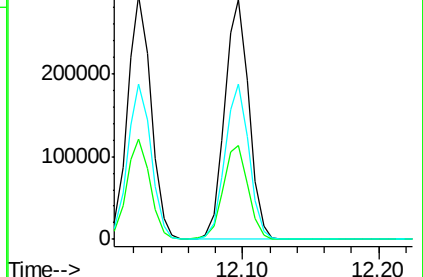
148 64.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 45.524 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

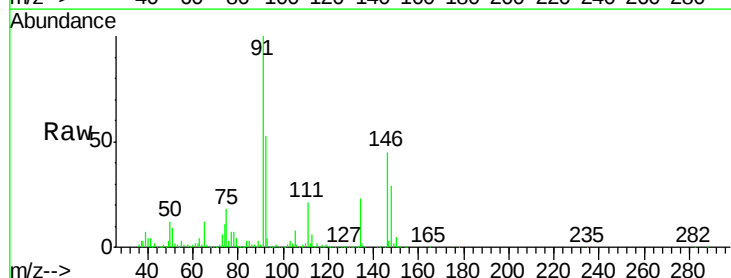
Tgt Ion: 91 Resp: 595568

Ion Ratio Lower Upper

91 100

92 52.7 27.0 80.8

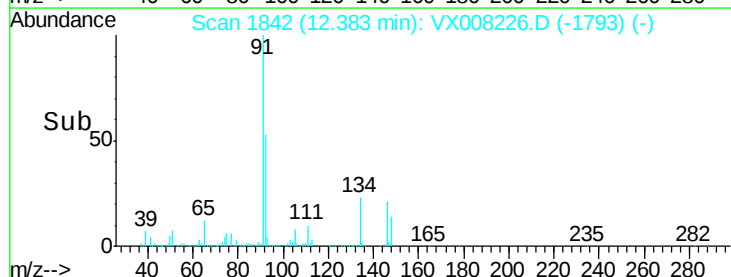
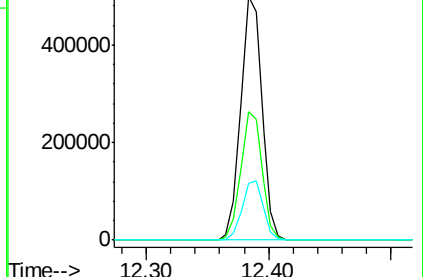
134 24.3 13.7 41.0

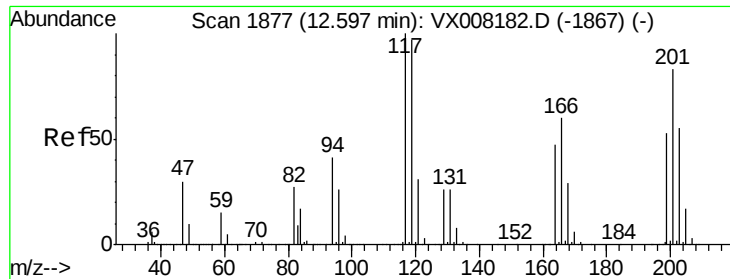


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 49.698 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

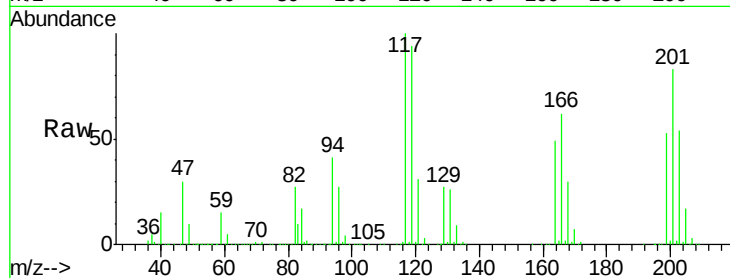
ClientSampleId :

Tot Ion:117 Resp: 117977

Ion Ratio Lower Upper

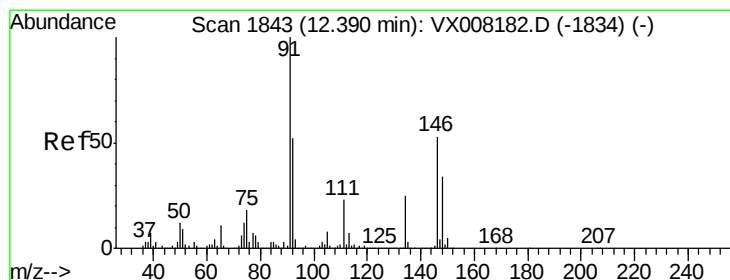
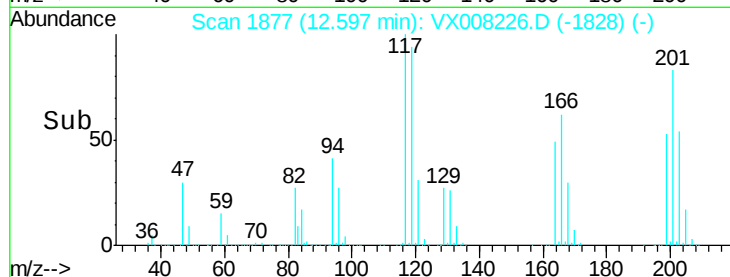
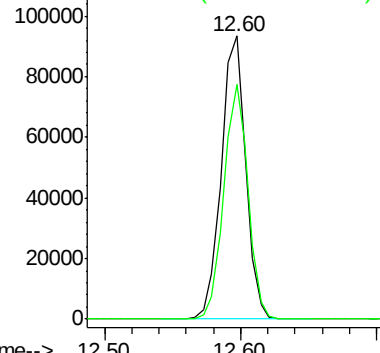
117 100

201 82.0 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.825 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

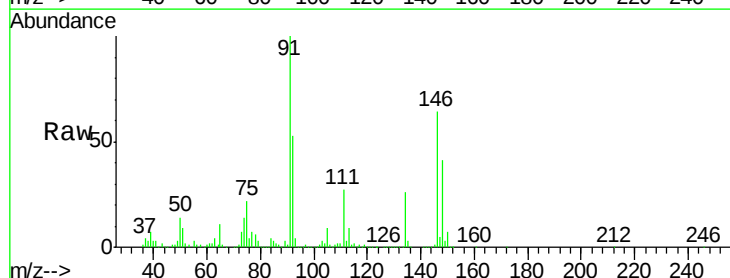
Tgt Ion:146 Resp: 365049

Ion Ratio Lower Upper

146 100

111 42.3 19.6 58.8

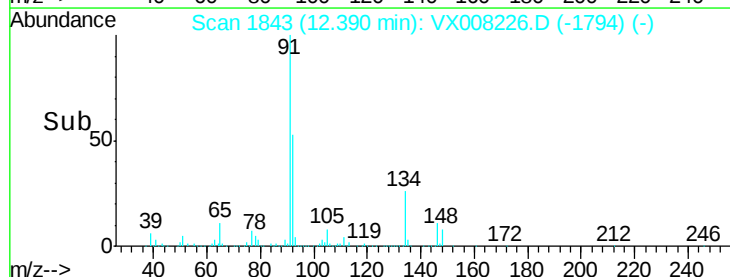
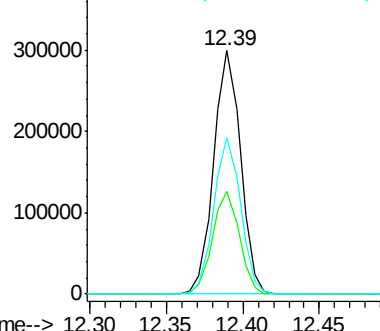
148 64.3 31.9 95.5

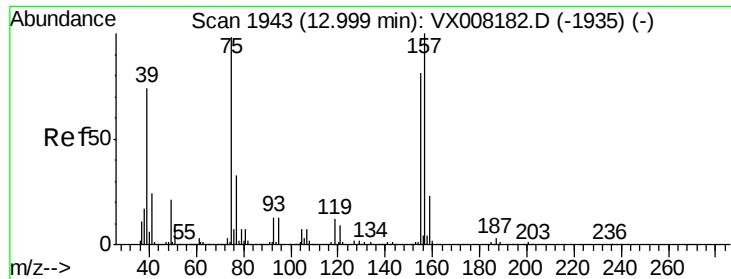


Abundance Ion 145.90 (145.60 to 146.60): V

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: 53.377 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

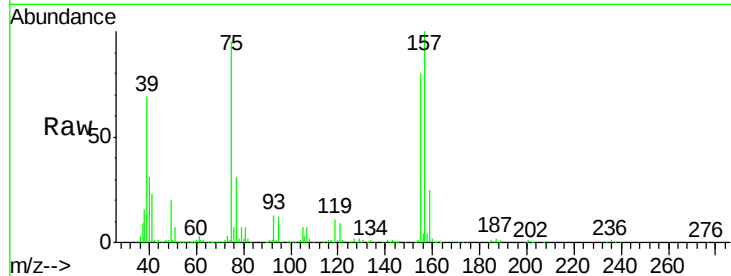
Tot Ion: 75 Resp: 70082

Ion Ratio Lower Upper

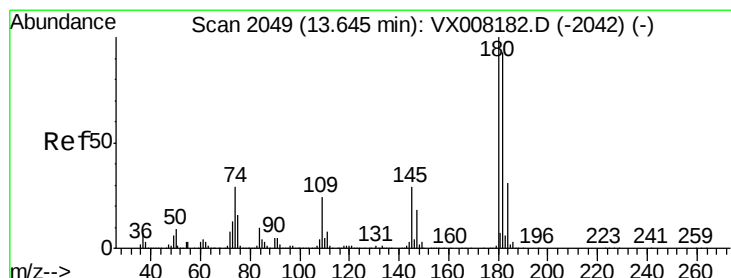
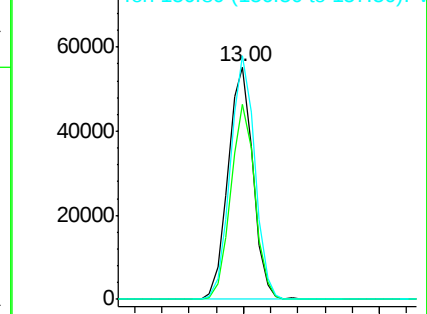
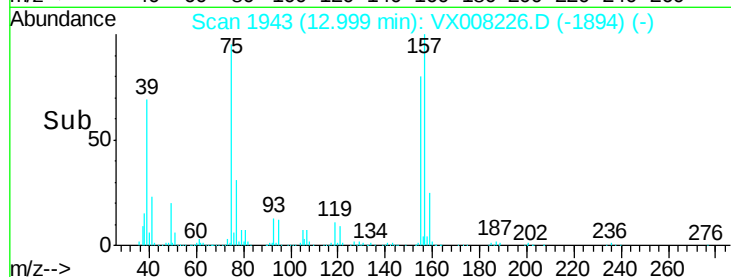
75 100

155 81.3 49.7 149.1

157 103.2 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX008226.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 49.625 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

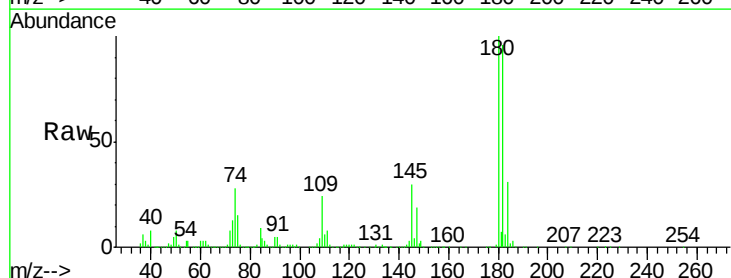
Tgt Ion: 180 Resp: 234776

Ion Ratio Lower Upper

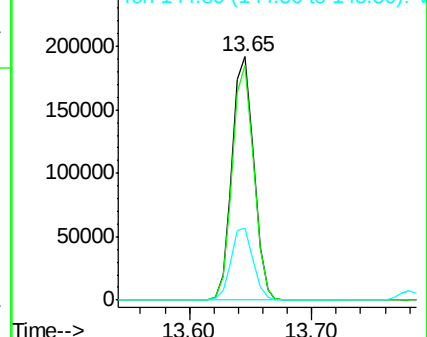
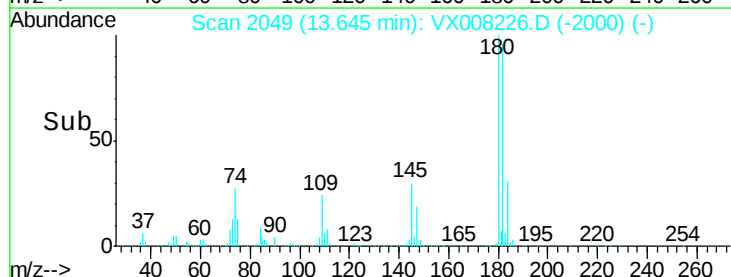
180 100

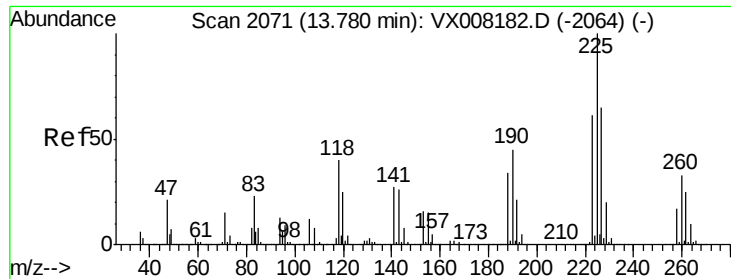
182 95.6 47.9 143.7

145 30.1 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): VX008226.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 44.557 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampled :

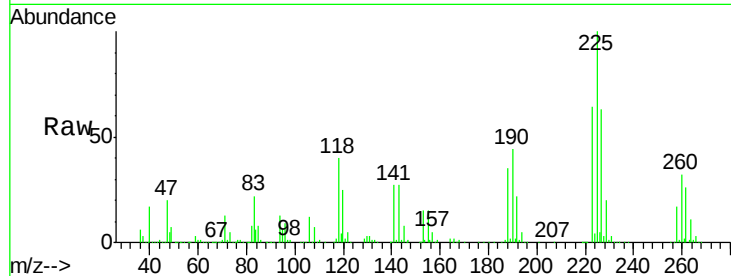
Tot Ion:225 Resp: 102808

Ion Ratio Lower Upper

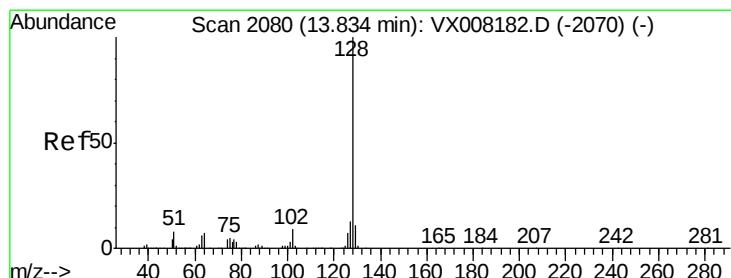
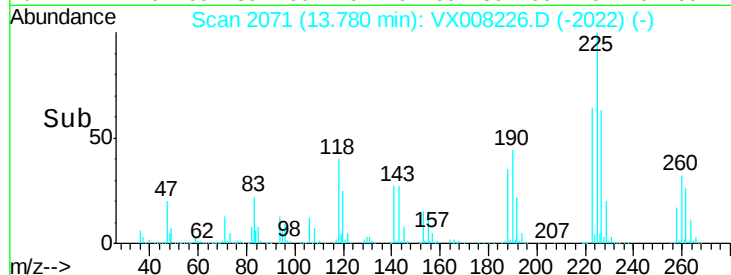
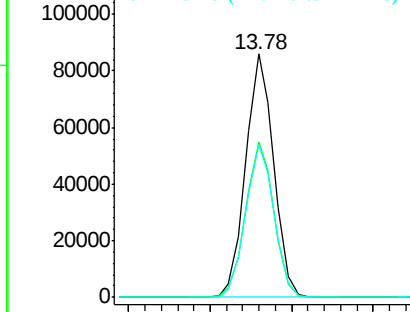
225 100

223 64.1 31.1 93.2

227 63.7 32.0 96.0



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: 54.959 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

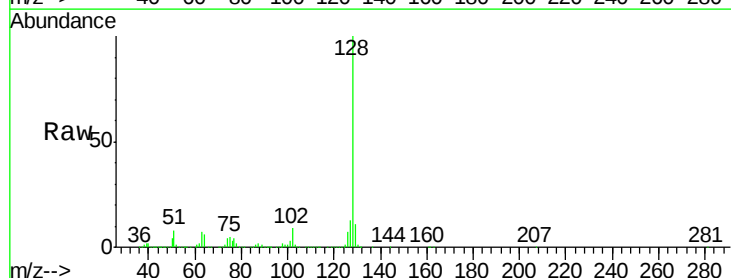
Tgt Ion:128 Resp: 820648

Ion Ratio Lower Upper

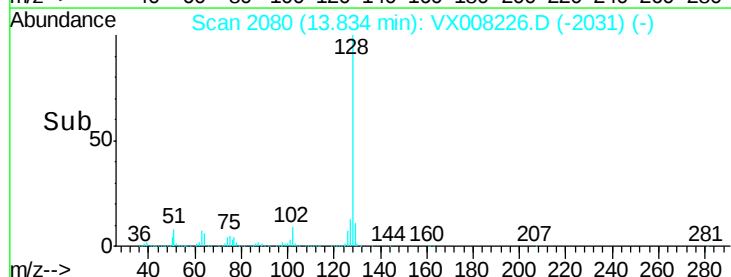
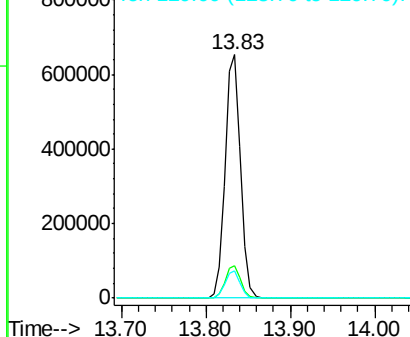
128 100

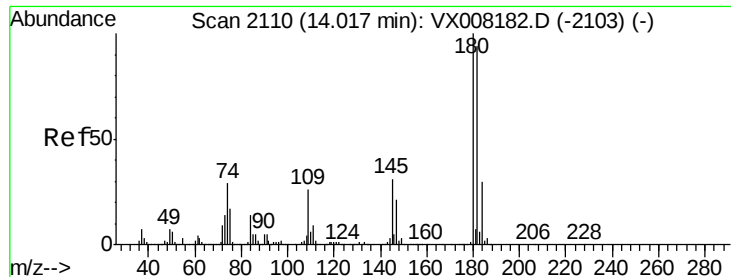
127 13.3 10.3 15.5

129 11.1 8.7 13.1



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: 51.866 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

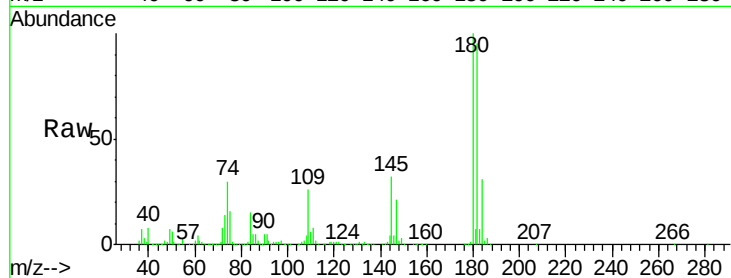
Tot Ion:180 Resp: 241446

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.5

145 31.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

