

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008228.D
 Acq On : 20 Mar 2019 07:46
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 08:42:34 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	280870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197467	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	202883	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
35) Dibromofluoromethane	5.50	113	153455	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	573456	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.13	95	202916	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	165256	48.530	ug/l	99
3) Chloromethane	1.33	50	200078	46.825	ug/l	100
4) Vinyl Chloride	1.41	62	205860	48.321	ug/l	100
5) Bromomethane	1.64	94	178431	49.168	ug/l	98
6) Chloroethane	1.72	64	128708	48.184	ug/l	99
7) Trichlorofluoromethane	1.93	101	244613	44.991	ug/l	98
8) Diethyl Ether	2.19	74	151251	54.071	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	162720	45.077	ug/l	91
10) Methyl Iodide	2.51	142	249547	54.293	ug/l	96
11) Tert butyl alcohol	3.05	59	241683	266.885	ug/l	99
12) 1,1-Dichloroethene	2.37	96	175172	51.401	ug/l	92
13) Acrolein	2.29	56	138419	215.648	ug/l	100
14) Allyl chloride	2.73	41	378846	51.067	ug/l	94
15) Acrylonitrile	3.15	53	645624	269.544	ug/l	99
16) Acetone	2.45	43	562231	234.342	ug/l	98
17) Carbon Disulfide	2.57	76	539536	48.522	ug/l	100
18) Methyl Acetate	2.78	43	314478	56.618	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	670065	54.379	ug/l	99
20) Methylene Chloride	2.86	84	208482	52.112	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	187538	50.939	ug/l	95
22) Diisopropyl ether	3.86	45	777795	53.532	ug/l	92
23) Vinyl Acetate	3.82	43	3397721	272.759	ug/l	98
24) 1,1-Dichloroethane	3.70	63	395533	52.929	ug/l	99
25) 2-Butanone	4.68	43	932453	263.291	ug/l	97
26) 2,2-Dichloropropane	4.59	77	189574	33.675	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	219715	52.350	ug/l	95
28) Bromochloromethane	5.02	49	165819	49.416	ug/l	84
29) Tetrahydrofuran	5.13	42	613226	276.986	ug/l	97
30) Chloroform	5.21	83	368955	52.782	ug/l	99
31) Cyclohexane	5.58	56	330753	47.134	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	302565	52.033	ug/l	97
36) 1,1-Dichloropropene	5.80	75	272247	48.831	ug/l	97
37) Ethyl Acetate	4.84	43	359078	54.483	ug/l	98
38) Carbon Tetrachloride	5.79	117	249587	50.243	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008228.D
 Acq On : 20 Mar 2019 07:46
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 08:42:34 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)
39) Methylcyclohexane	7.46	83	286737	42.737	ug/l	94
40) Benzene	6.15	78	847635	51.367	ug/l	100
41) Methacrylonitrile	5.04	41	201072	54.390	ug/l	97
42) 1,2-Dichloroethane	6.20	62	309352	51.174	ug/l	96
43) Isopropyl Acetate	6.45	43	575385	54.467	ug/l	98
44) Trichloroethene	7.21	130	201822	50.020	ug/l	91
45) 1,2-Dichloropropane	7.51	63	238317	51.590	ug/l	100
46) Dibromomethane	7.66	93	144753	51.754	ug/l	87
47) Bromodichloromethane	7.90	83	282759	53.047	ug/l	99
48) Methyl methacrylate	7.77	41	300693	53.533	ug/l	94
49) 1,4-Dioxane	7.74	88	100590	1014.816	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1841295	269.608	ug/l	98
52) Toluene	8.79	92	496738	50.740	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	304186	45.694	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	333930	50.479	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	211754	53.535	ug/l	98
56) Ethyl methacrylate	9.18	69	353770	50.980	ug/l	93
57) 1,3-Dichloropropane	9.37	76	371755	53.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	810749	250.170	ug/l	95
59) 2-Hexanone	9.49	43	1382815	262.998	ug/l	96
60) Dibromochloromethane	9.59	129	209873	55.210	ug/l	99
61) 1,2-Dibromoethane	9.67	107	219351	53.110	ug/l	99
64) Tetrachloroethene	9.34	164	197071	50.611	ug/l	96
65) Chlorobenzene	10.14	112	526477	49.574	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	193406	52.233	ug/l	99
67) Ethyl Benzene	10.25	91	936037	50.016	ug/l	97
68) m/p-Xylenes	10.36	106	687273	99.973	ug/l	94
69) o-Xylene	10.70	106	340602	50.988	ug/l	96
70) Styrene	10.71	104	558984	51.490	ug/l	96
71) Bromoform	10.85	173	152019	47.753	ug/l #	99
73) Isopropylbenzene	11.02	105	883737	50.208	ug/l	99
74) N-amyl acetate	10.90	43	486403	52.745	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	315727	50.024	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	377455	67.961	ug/l	91
77) Bromobenzene	11.26	156	218664	51.382	ug/l	86
78) n-propylbenzene	11.36	91	1017195	49.757	ug/l	96
79) 2-Chlorotoluene	11.42	91	609031	49.635	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	734218	50.491	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	91912	42.412	ug/l	94
82) 4-Chlorotoluene	11.51	91	709996	49.725	ug/l	96
83) tert-Butylbenzene	11.77	119	680861	49.042	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	751284	50.963	ug/l	98
85) sec-Butylbenzene	11.94	105	847299	49.283	ug/l	96
86) p-Isopropyltoluene	12.06	119	738052	49.594	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	384599	50.569	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	382100	48.571	ug/l	98
89) n-Butylbenzene	12.39	91	661158	47.334	ug/l	97
90) Hexachloroethane	12.60	117	130396	51.447	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	382301	49.853	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71126	50.738	ug/l	79

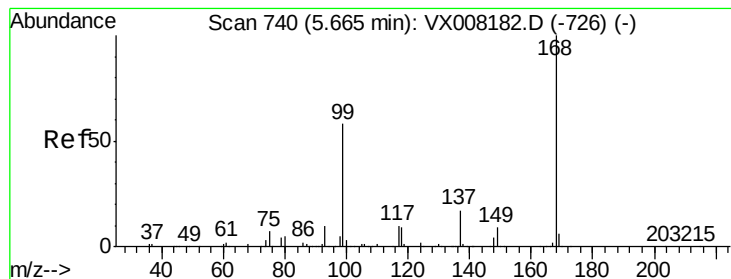
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
Data File : VX008228.D
Acq On : 20 Mar 2019 07:46
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 20 08:42:34 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)
93) 1,2,4-Trichlorobenzene	13.65	180	252693	50.027	ug/l	99
94) Hexachlorobutadiene	13.78	225	115398	46.843	ug/l	99
95) Naphthalene	13.83	128	848603	53.229	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	256707	51.649	ug/l	99

(#) = 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: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

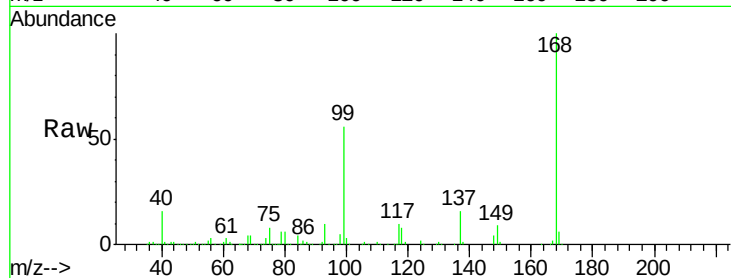
ClientSampleId :

Tot Ion:168 Resp: 280870

Ion Ratio Lower Upper

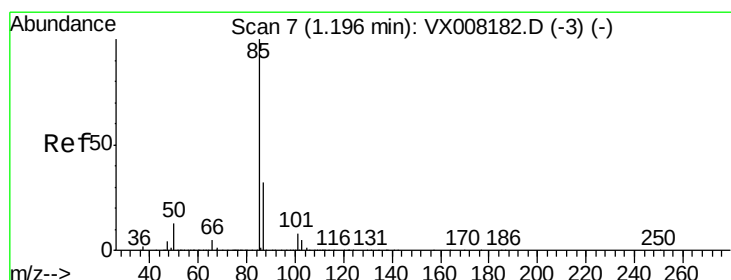
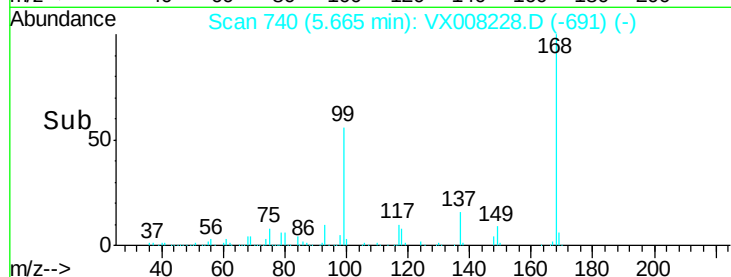
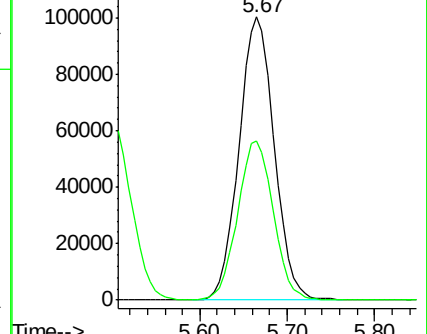
168 100

99 55.9 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: 48.530 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008228.D

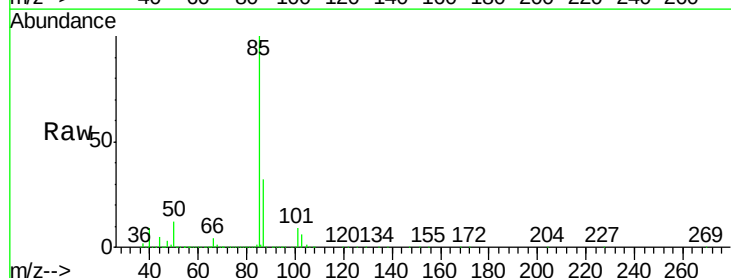
Acq: 20 Mar 2019 07:46

Tgt Ion: 85 Resp: 165256

Ion Ratio Lower Upper

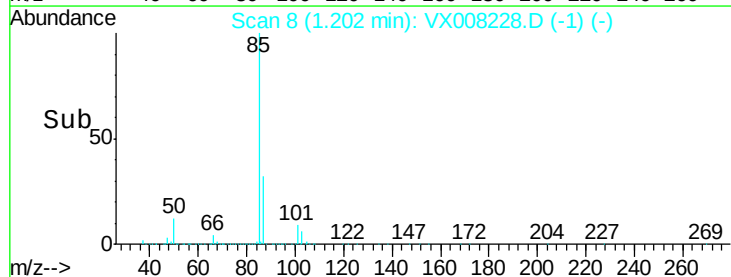
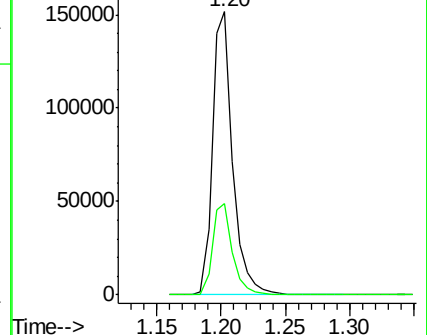
85 100

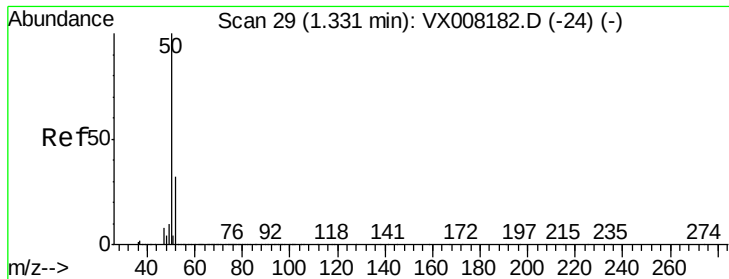
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.825 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

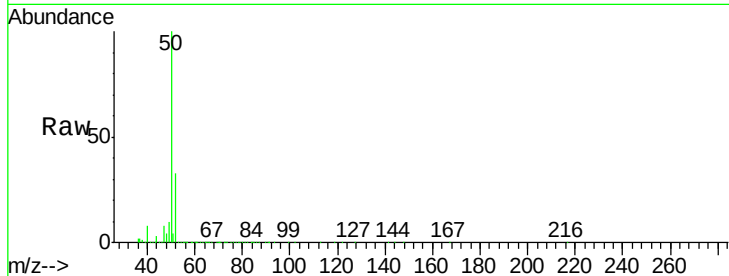
ClientSampleId :

Tot Ion: 50 Resp: 200078

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

200000

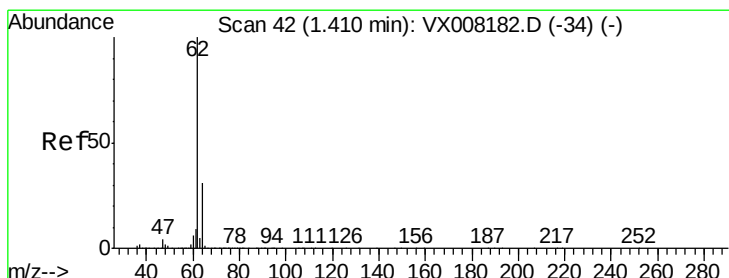
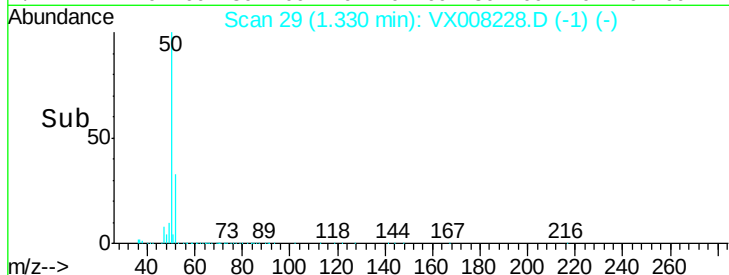
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.321 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008228.D

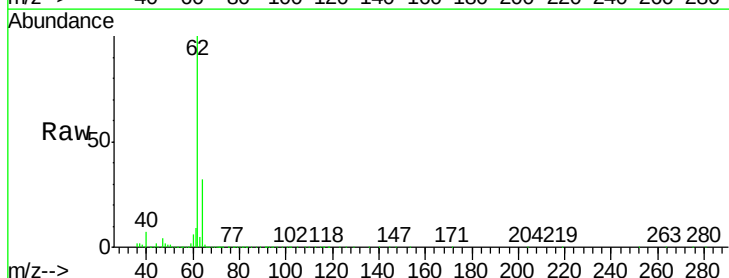
Acq: 20 Mar 2019 07:46

Tgt Ion: 62 Resp: 205860

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

200000

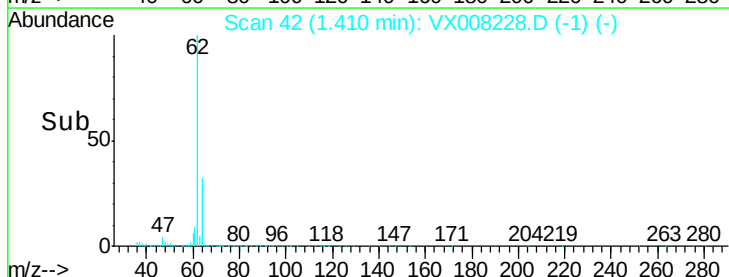
150000

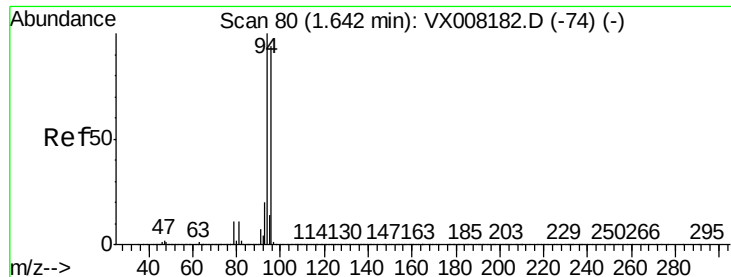
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.168 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

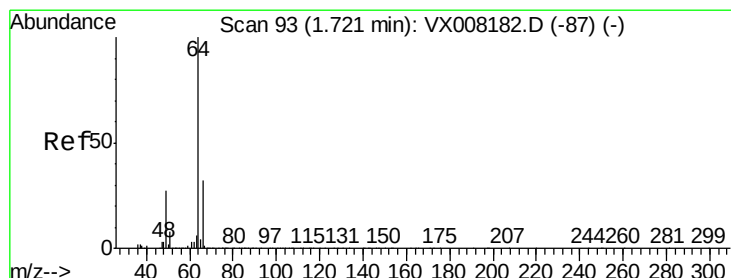
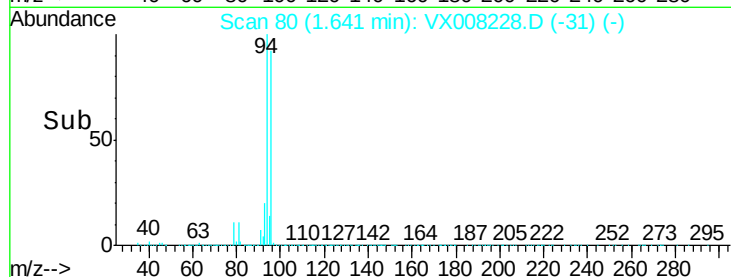
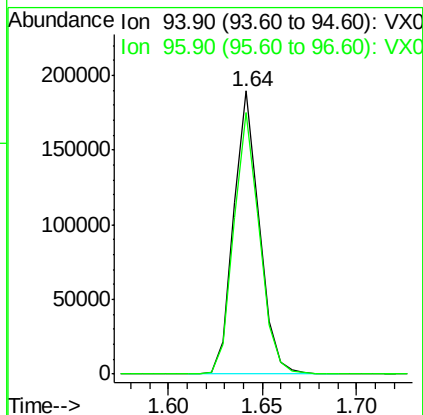
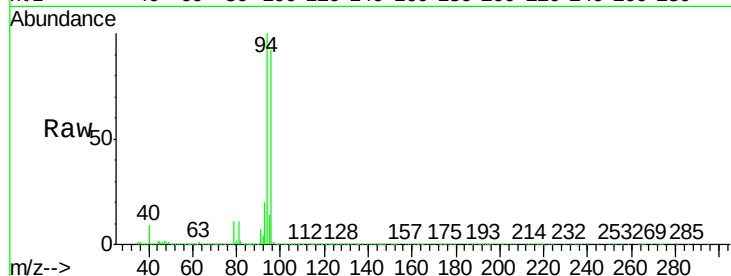
ClientSampleId :

Tot Ion: 94 Resp: 178431

Ion Ratio Lower Upper

94 100

96 92.4 75.5 113.3



#6

Chloroethane

Concen: 48.184 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008228.D

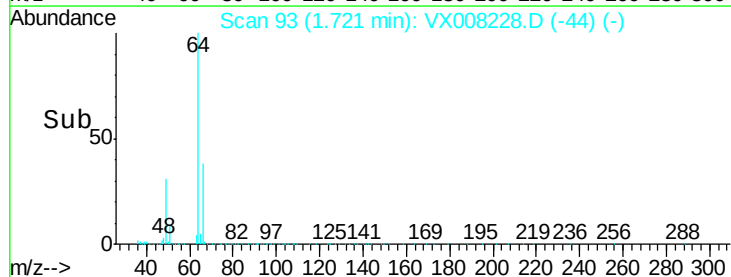
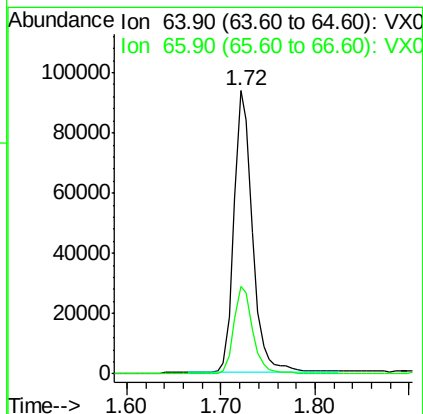
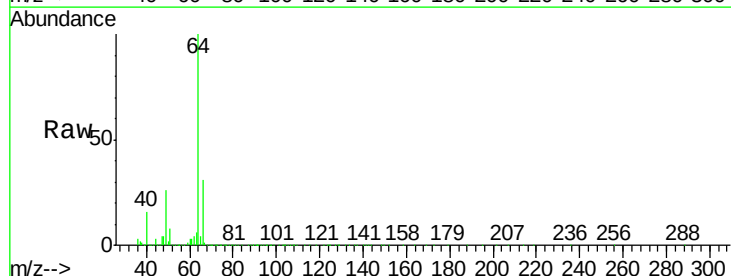
Acq: 20 Mar 2019 07:46

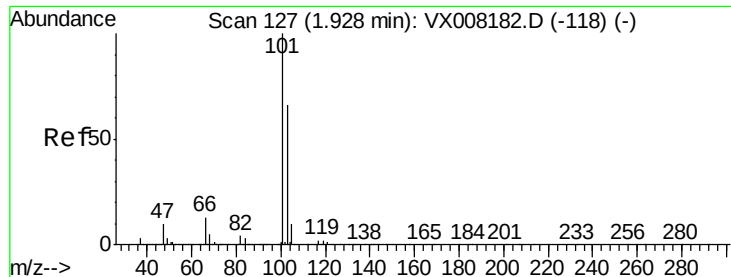
Tgt Ion: 64 Resp: 128708

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8



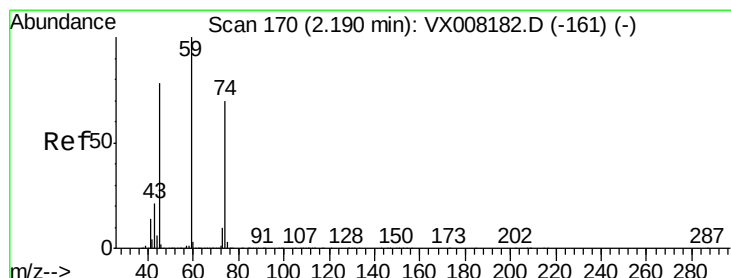
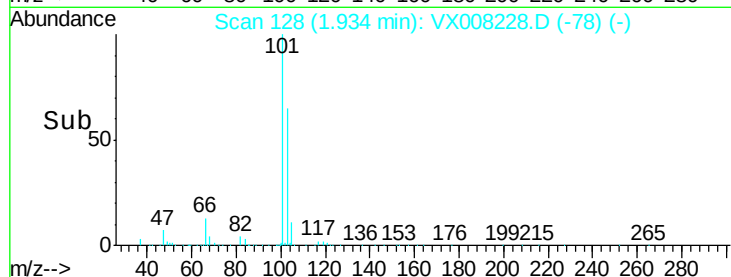
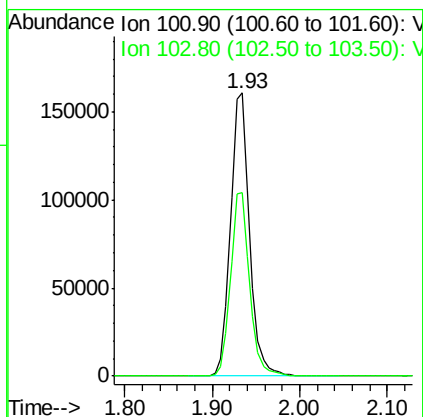
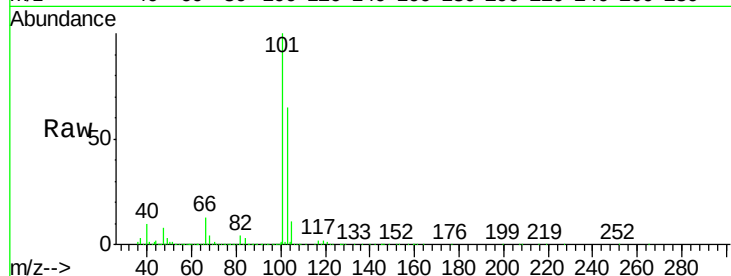


#7

Trichlorofluoromethane
 Concen: 44.991 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampled :

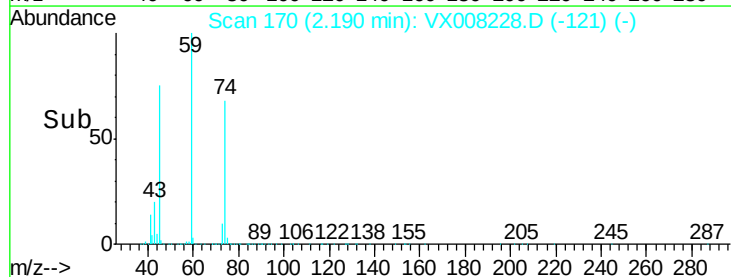
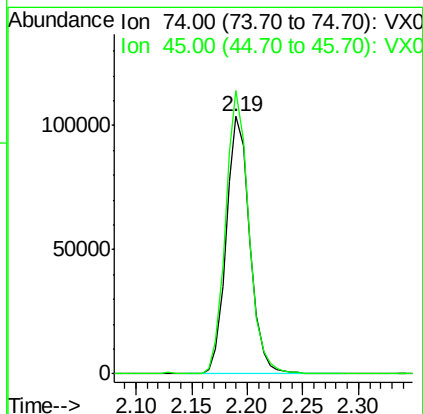
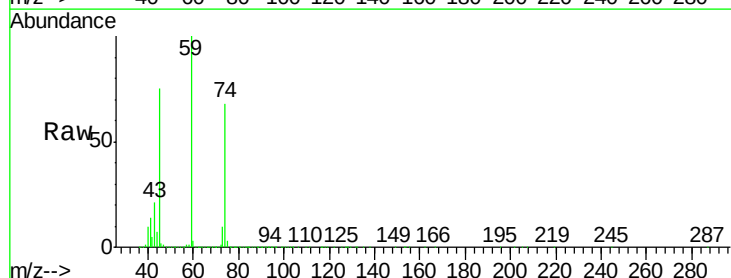
Tot Ion:101 Resp: 244613
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.4 75.6

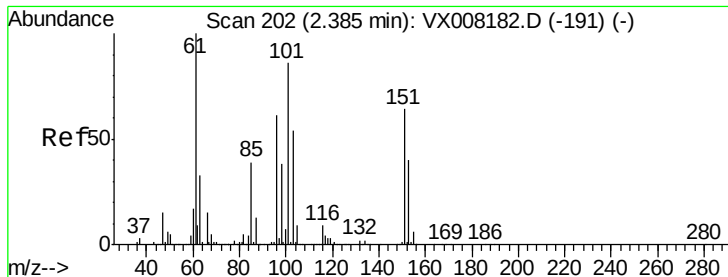


#8

Diethyl Ether
 Concen: 54.071 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion: 74 Resp: 151251
 Ion Ratio Lower Upper
 74 100
 45 108.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.077 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

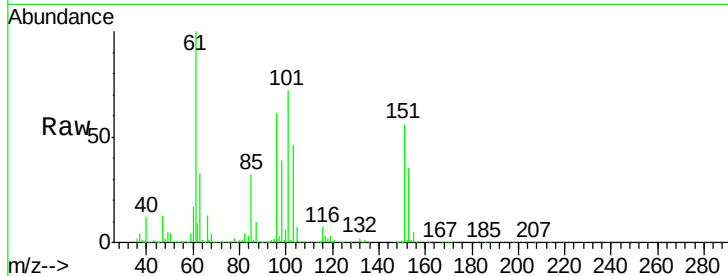
Tot Ion:101 Resp: 162720

Ion Ratio Lower Upper

101 100

85 45.1 33.8 50.6

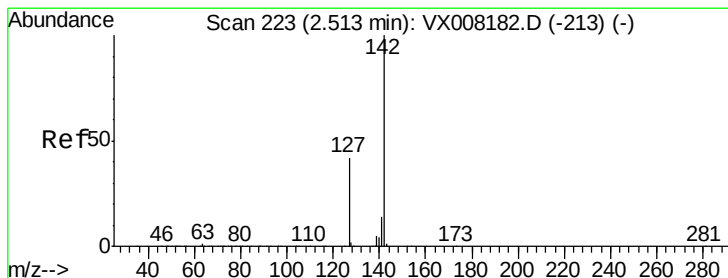
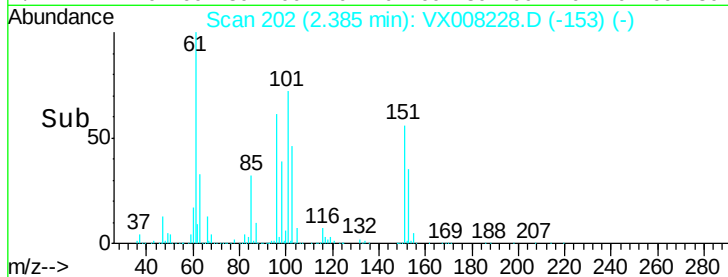
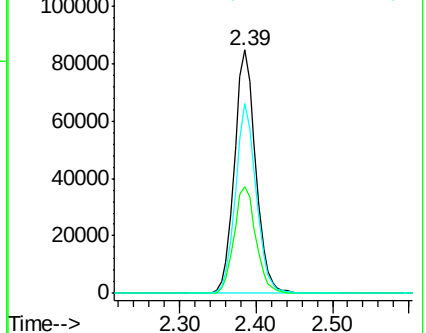
151 76.0 69.1 103.7



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: 54.293 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

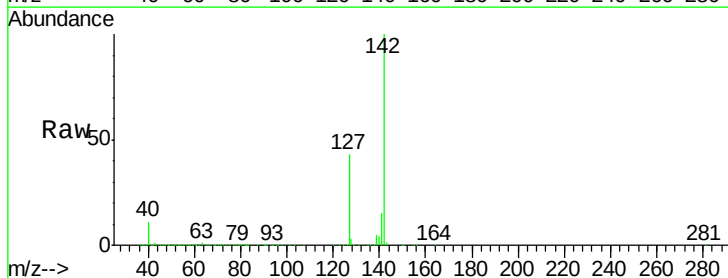
Tgt Ion:142 Resp: 249547

Ion Ratio Lower Upper

142 100

127 43.0 32.1 48.1

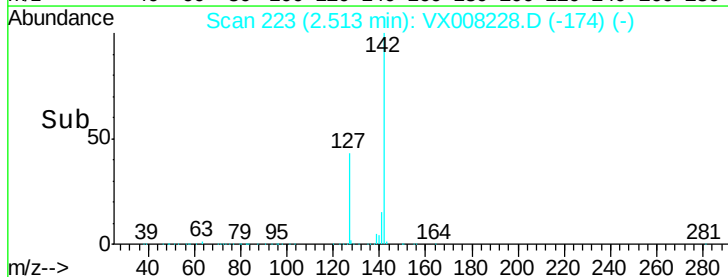
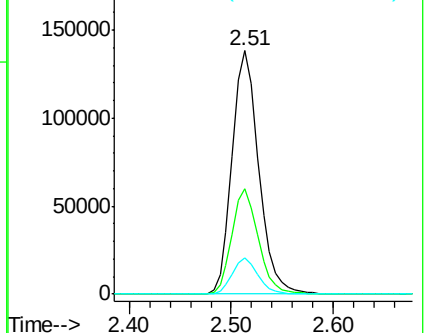
141 14.5 11.4 17.2

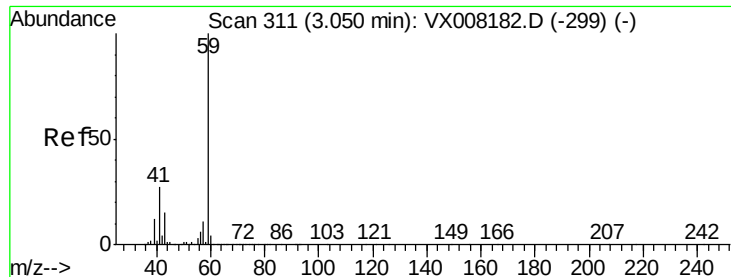


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



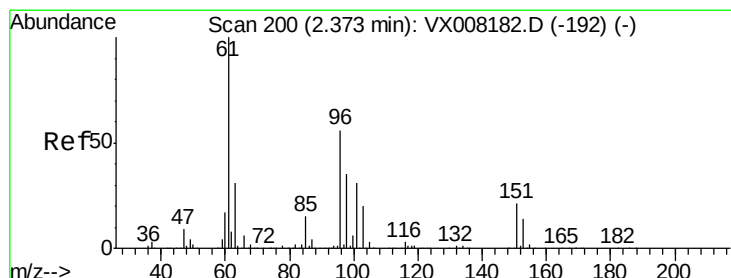
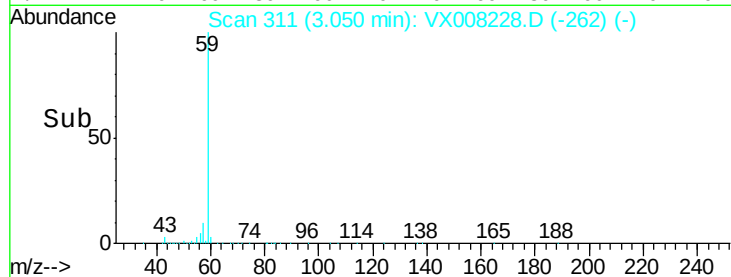
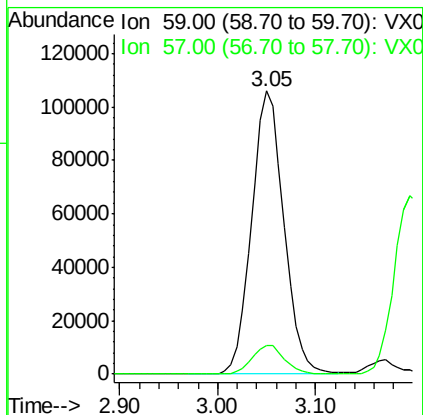
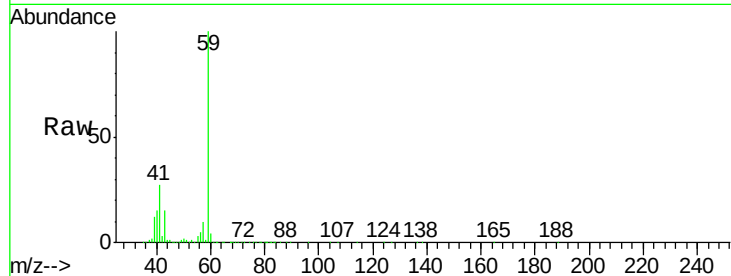


#11

Tert butyl alcohol
Concen: 266.885 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampled :

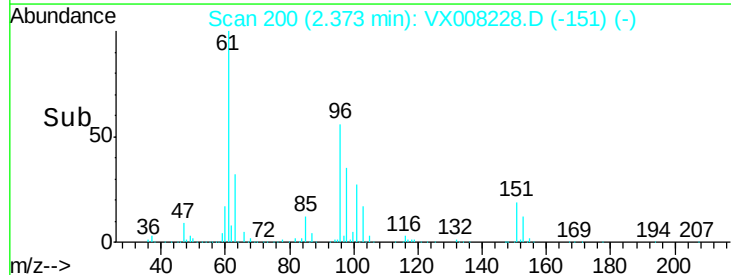
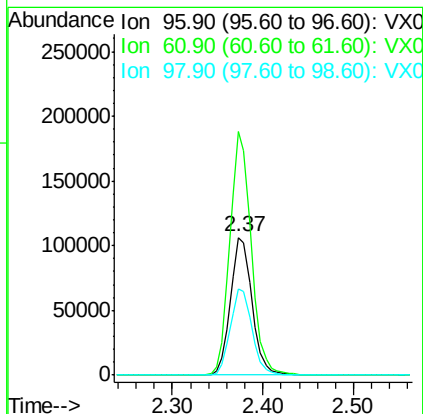
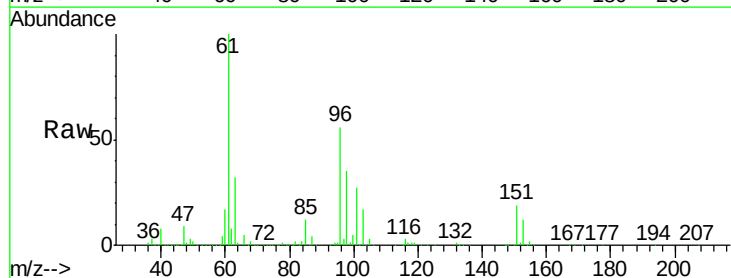
Tot Ion: 59 Resp: 241683
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

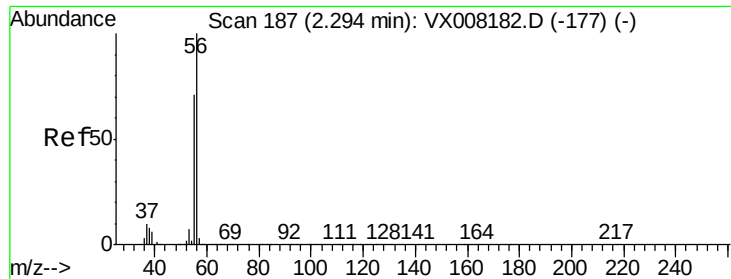


#12

1,1-Dichloroethene
Concen: 51.401 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 96 Resp: 175172
Ion Ratio Lower Upper
96 100
61 177.0 129.8 194.6
98 62.8 51.0 76.6

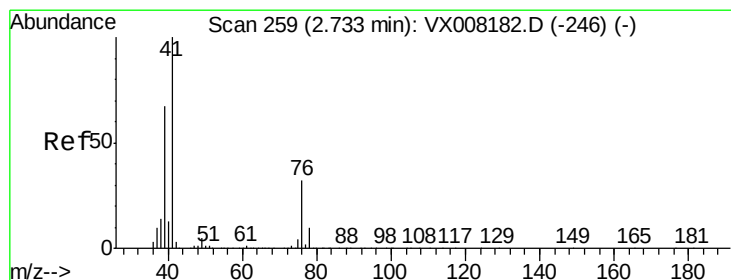
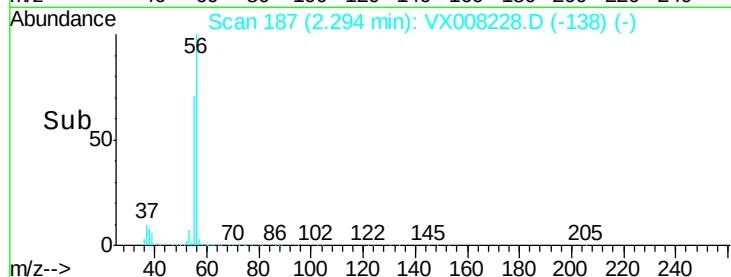
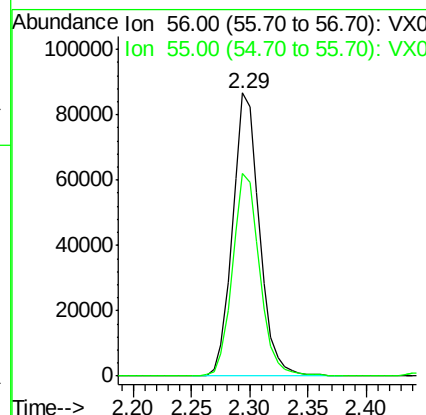
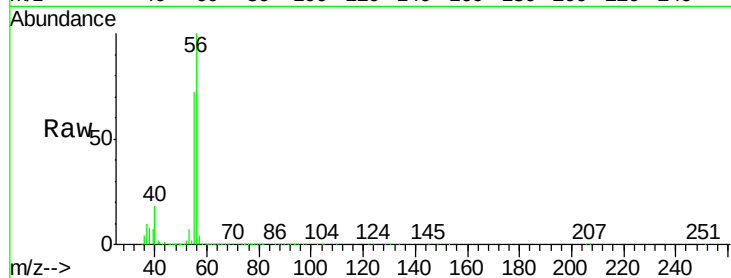




#13
Acrolein
Concen: 215.648 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

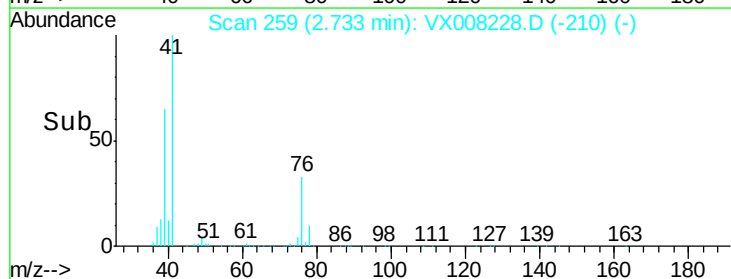
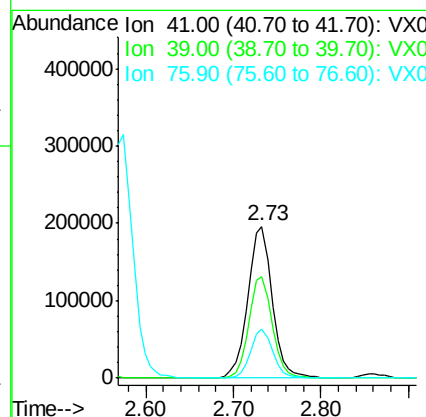
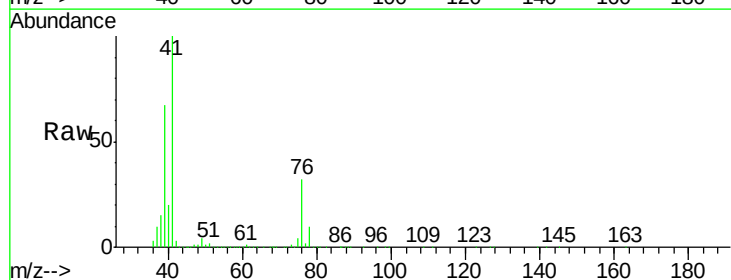
Instrument :
MSVOA_X
ClientSampleId :

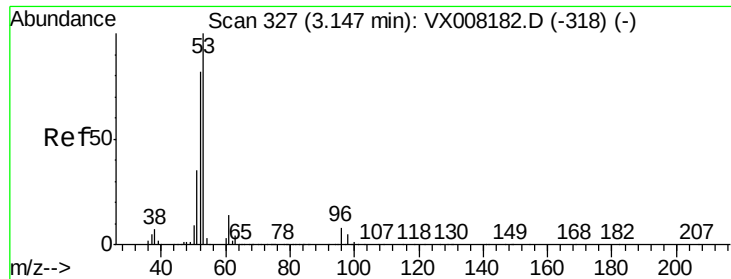
Tot Ion: 56 Resp: 138419
Ion Ratio Lower Upper
56 100
55 72.4 57.8 86.6



#14
Allyl chloride
Concen: 51.067 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 41 Resp: 378846
Ion Ratio Lower Upper
41 100
39 63.9 46.1 69.1
76 29.4 24.0 36.0





#15

Acrylonitrile

Concen: 269.544 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

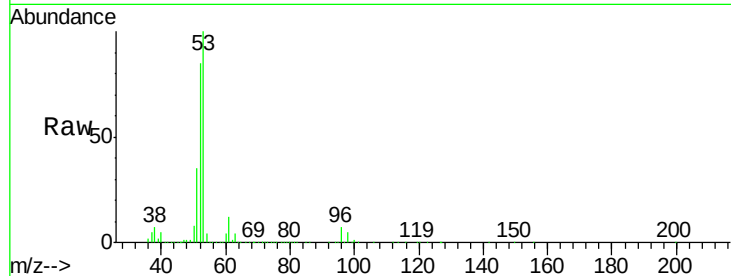
Tot Ion: 53 Resp: 645624

Ion Ratio Lower Upper

53 100

52 83.2 66.0 99.0

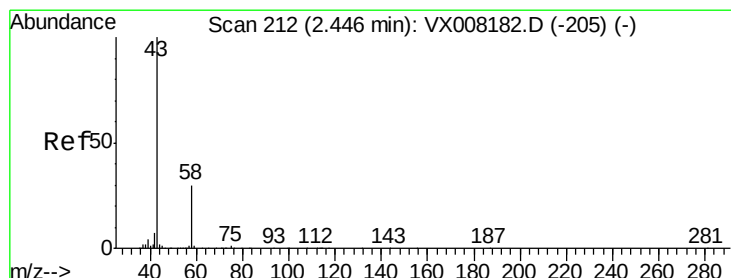
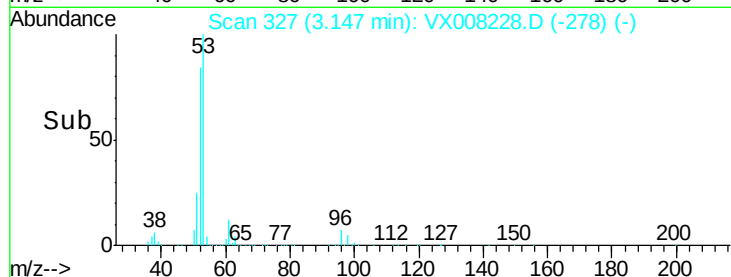
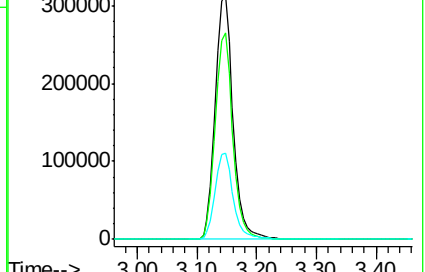
51 36.1 28.0 42.0



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: 234.342 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008228.D

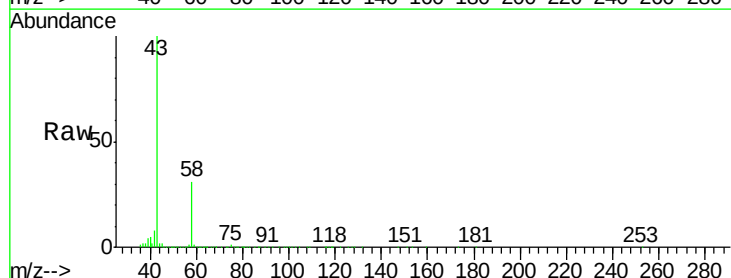
Acq: 20 Mar 2019 07:46

Tgt Ion: 43 Resp: 562231

Ion Ratio Lower Upper

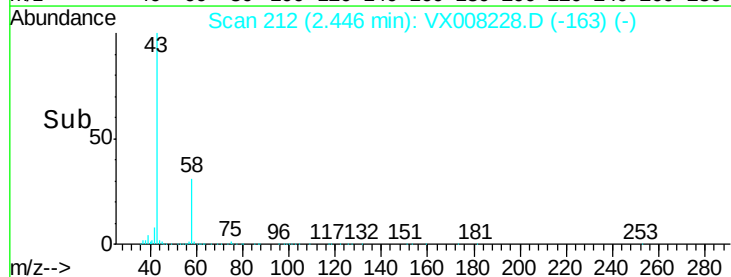
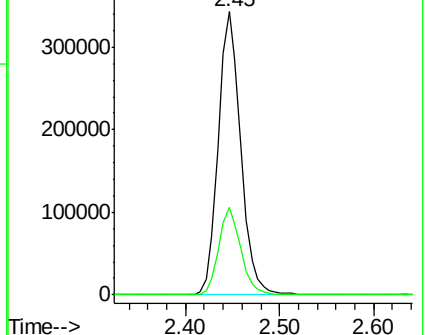
43 100

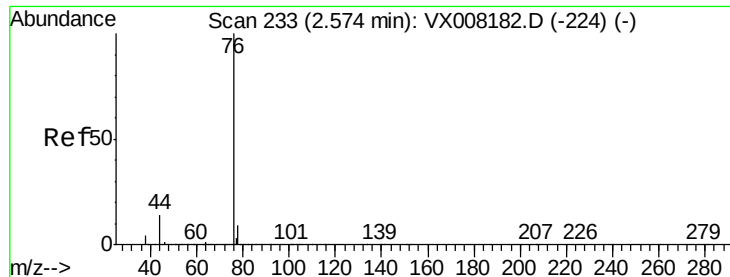
58 30.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.522 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

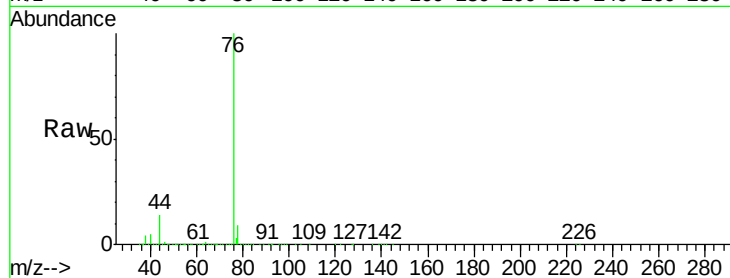
ClientSampleId :

Tot Ion: 76 Resp: 539536

Ion Ratio Lower Upper

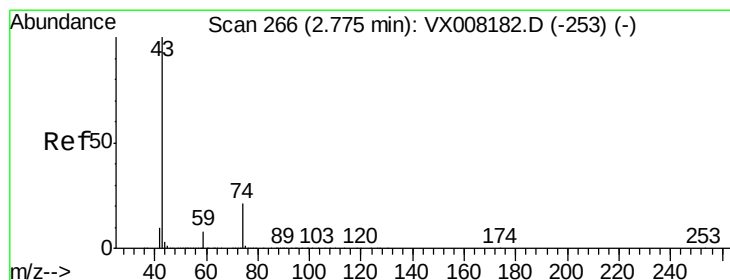
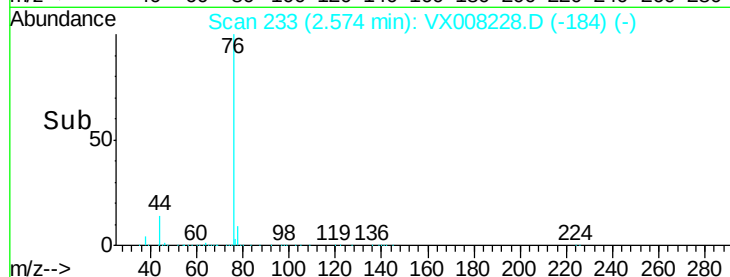
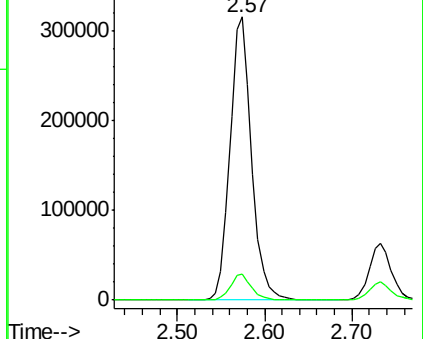
76 100

78 9.0 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: 56.618 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008228.D

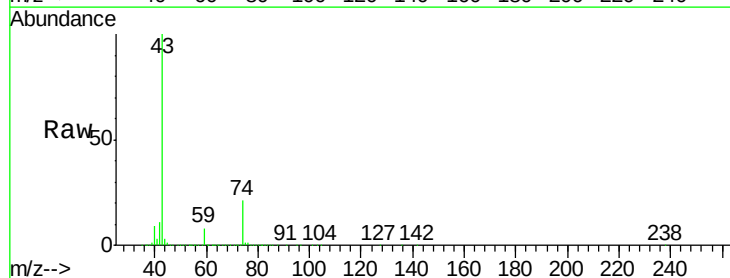
Acq: 20 Mar 2019 07:46

Tgt Ion: 43 Resp: 314478

Ion Ratio Lower Upper

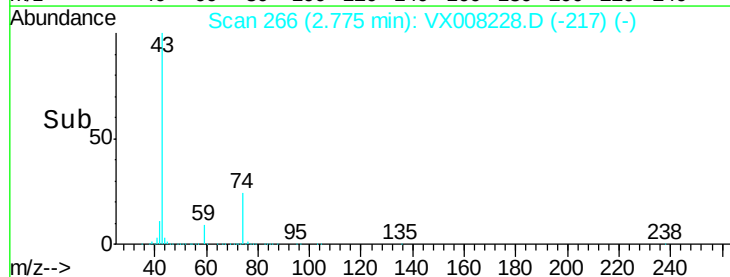
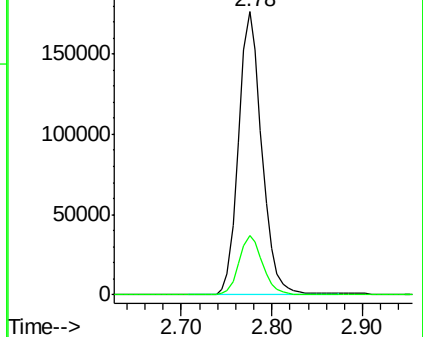
43 100

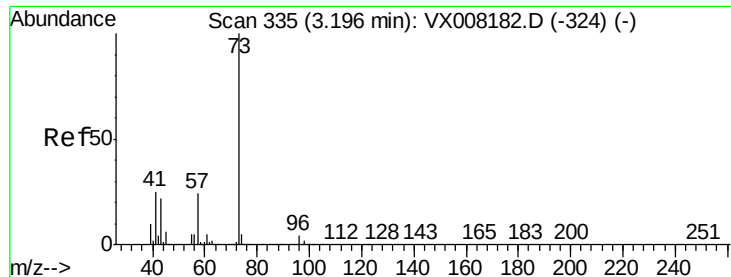
74 21.5 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



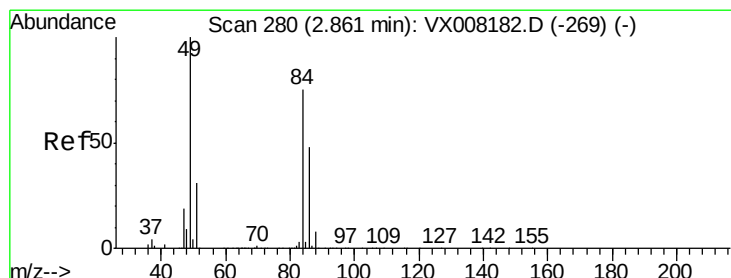
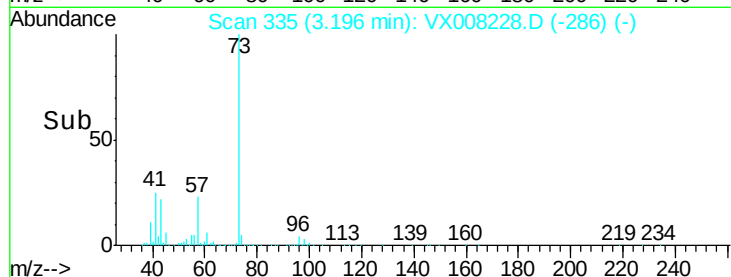
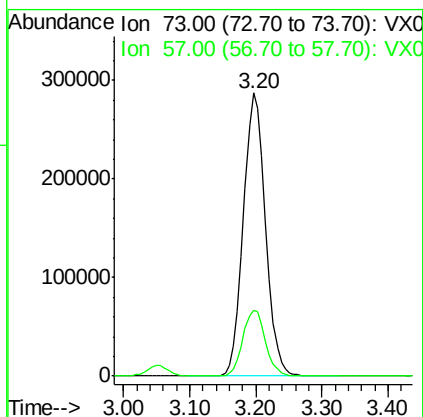
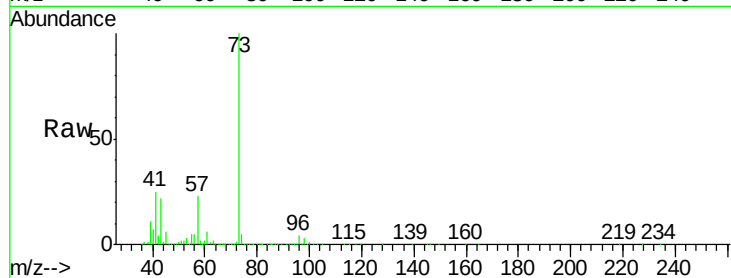


#19

Methyl tert-butyl Ether
 Concen: 54.379 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Instrument :
 MSVOA_X
 ClientSampleId :

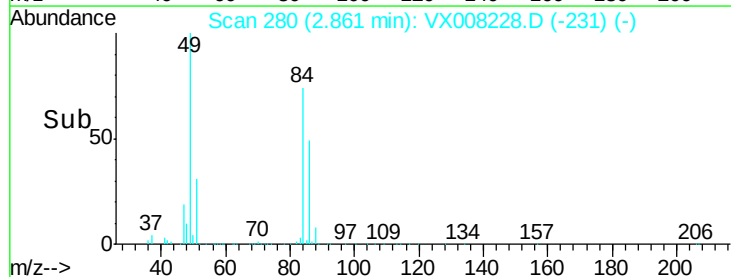
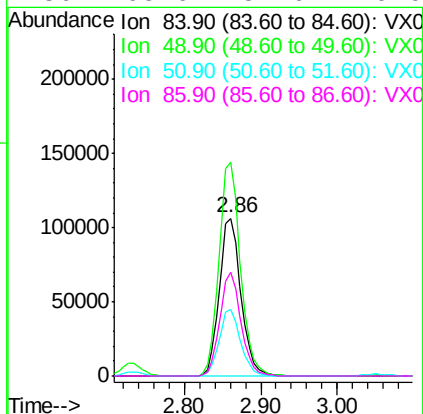
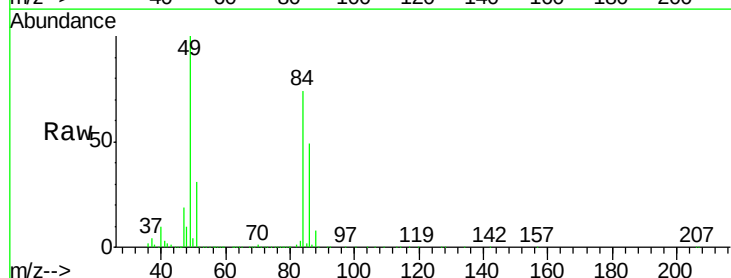
Tot Ion: 73 Resp: 670065
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.2 27.4

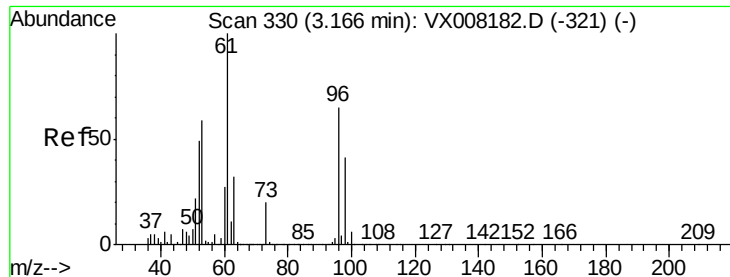


#20

Methylene Chloride
 Concen: 52.112 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion: 84 Resp: 208482
 Ion Ratio Lower Upper
 84 100
 49 135.1 99.3 148.9
 51 42.3 31.3 46.9
 86 65.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 50.939 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampled :

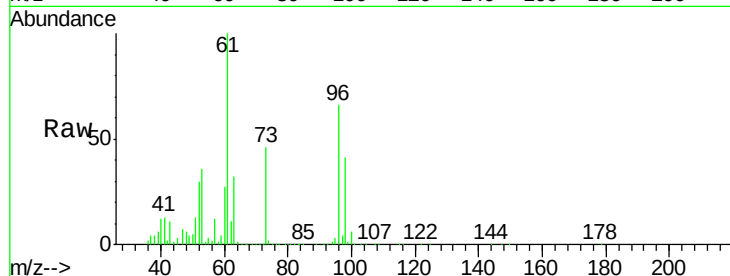
Tot Ion: 96 Resp: 187538

Ion Ratio Lower Upper

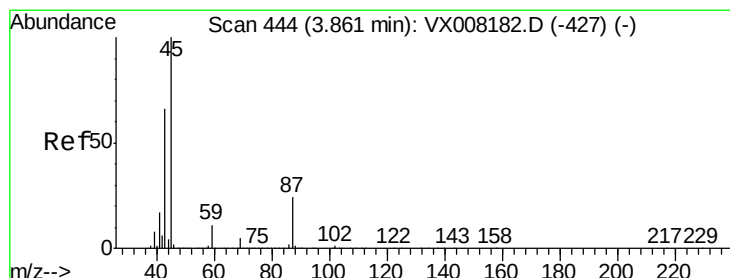
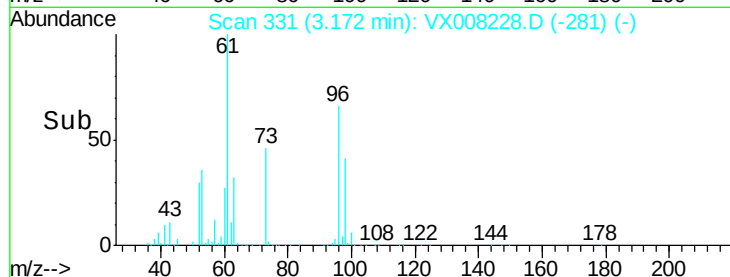
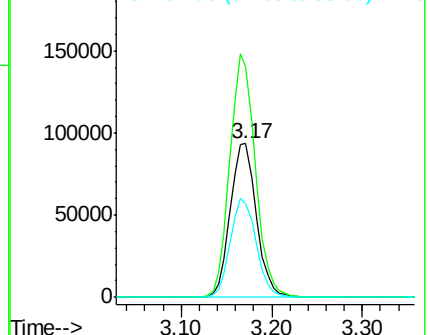
96 100

61 150.6 114.4 171.6

98 61.3 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: 53.532 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion: 45 Resp: 777795

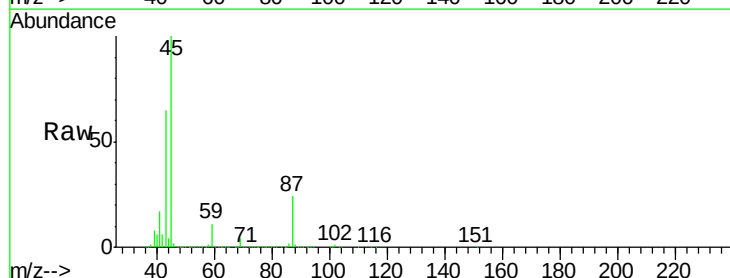
Ion Ratio Lower Upper

45 100

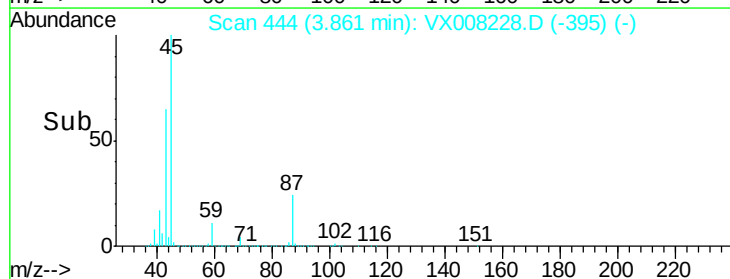
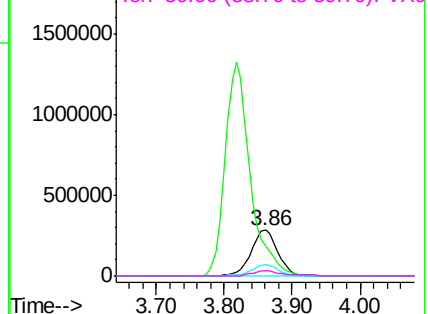
43 64.9 45.3 67.9

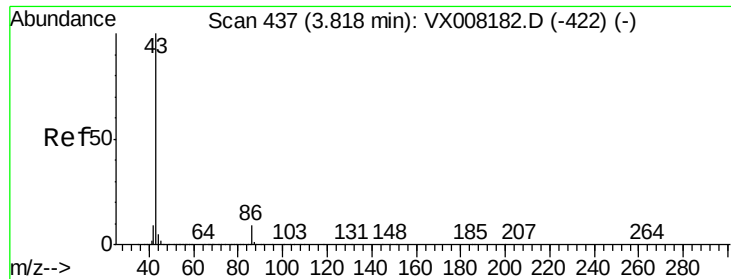
87 24.1 21.4 32.0

59 11.1 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: 272.759 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

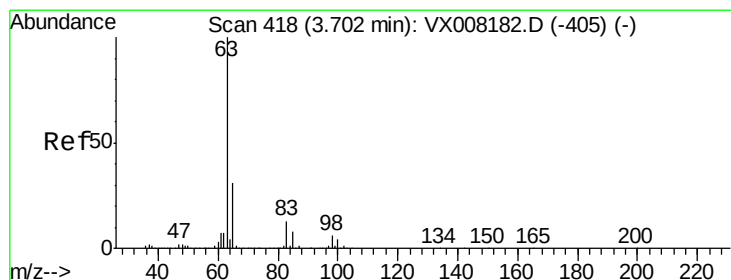
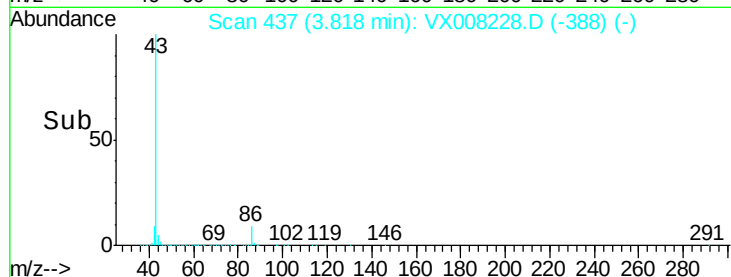
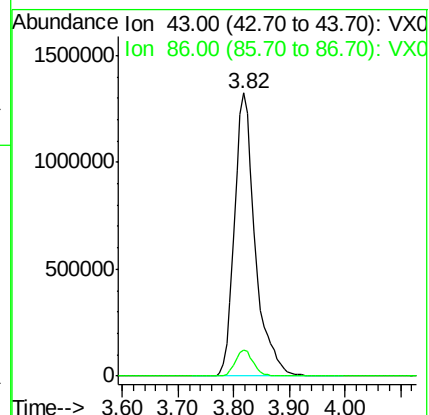
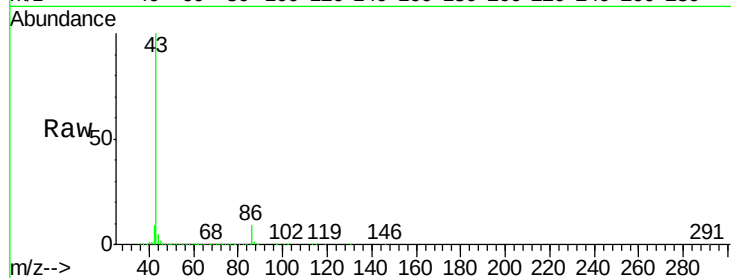
Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3397721

Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.9	11.9



#24

1,1-Dichloroethane

Concen: 52.929 ug/l

RT: 3.70 min Scan# 418

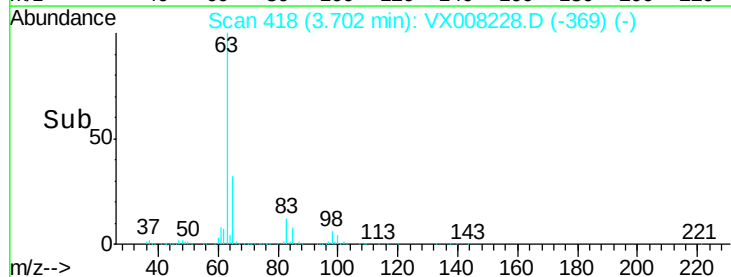
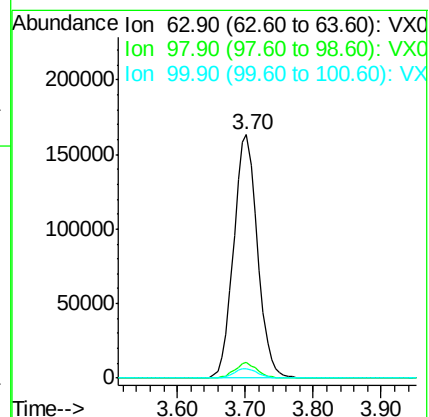
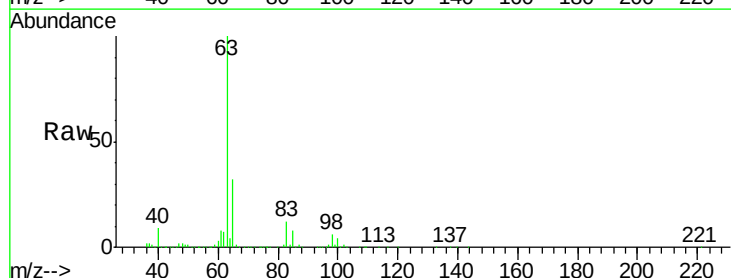
Delta R.T. -0.00 min

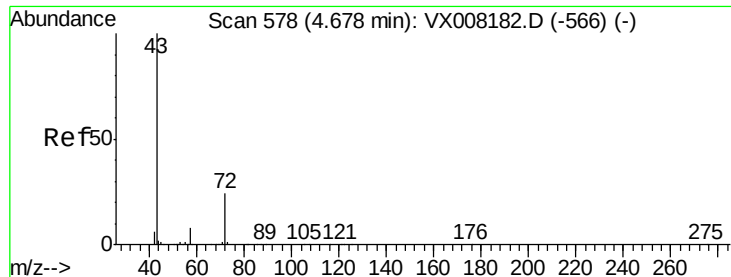
Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion: 63 Resp: 395533

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.3	9.8
100	3.8	2.3	6.8





#25

2-Butanone

Concen: 263.291 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

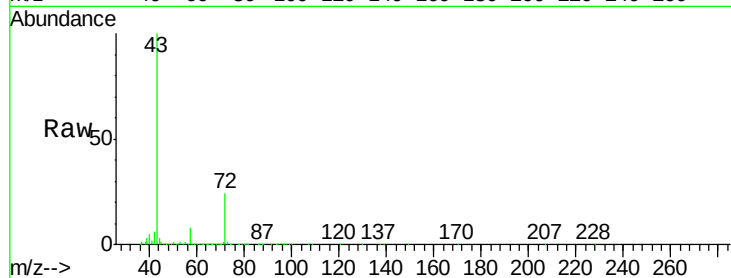
ClientSampleId :

Tot Ion: 43 Resp: 932453

Ion Ratio Lower Upper

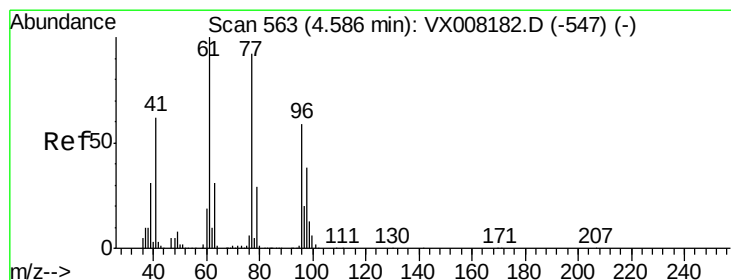
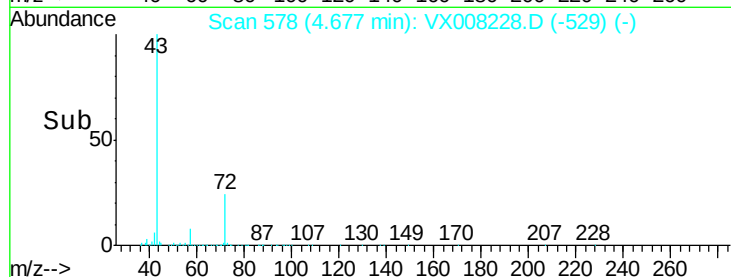
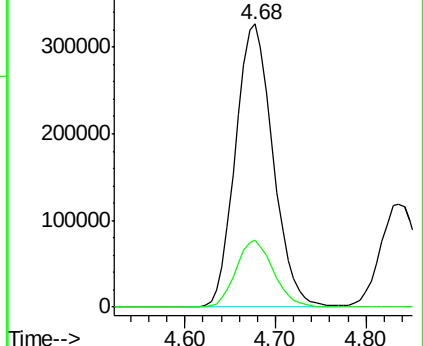
43 100

72 23.6 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: 33.675 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008228.D

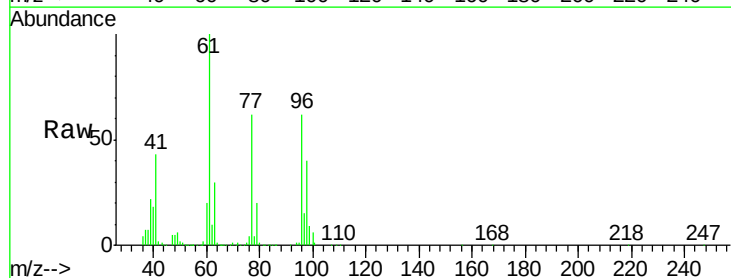
Acq: 20 Mar 2019 07:46

Tgt Ion: 77 Resp: 189574

Ion Ratio Lower Upper

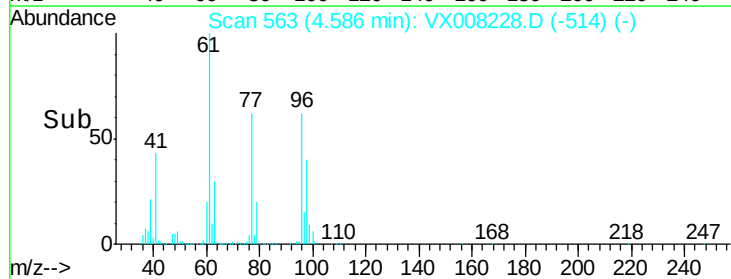
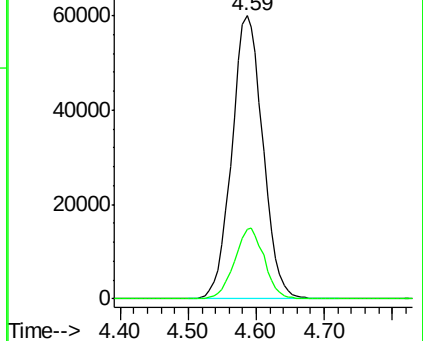
77 100

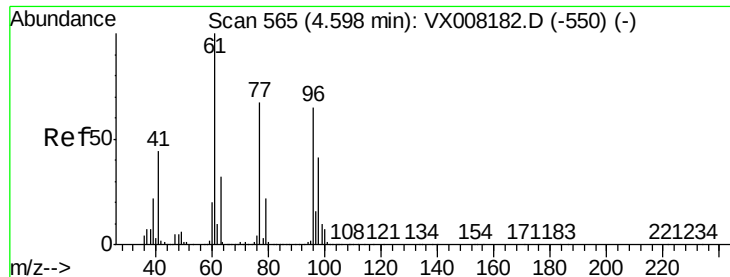
97 24.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



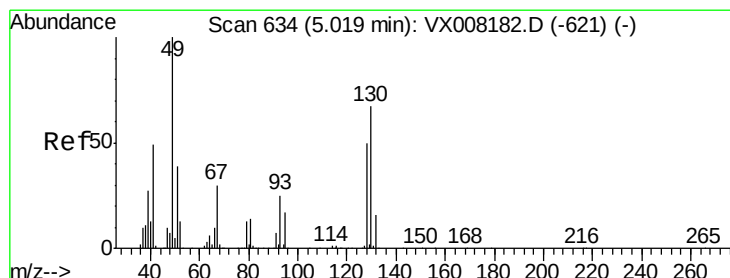
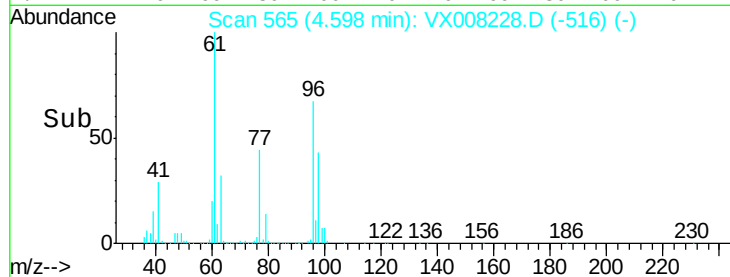
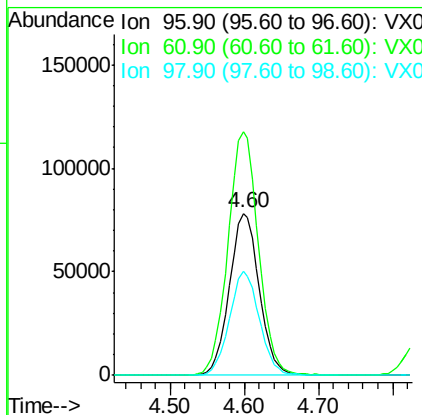
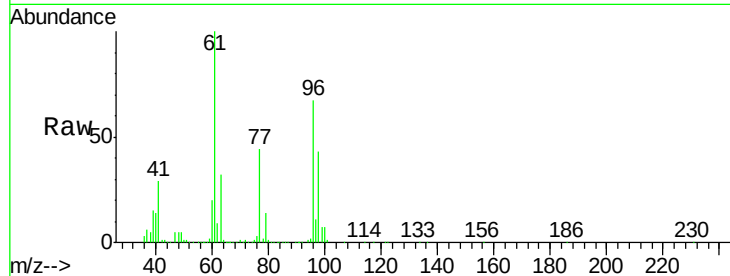


#27

cis-1,2-Dichloroethene
Concen: 52.350 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampled :

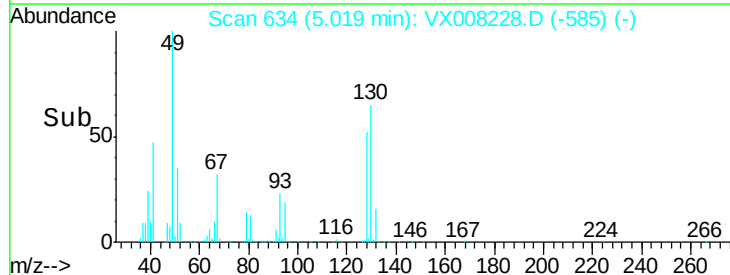
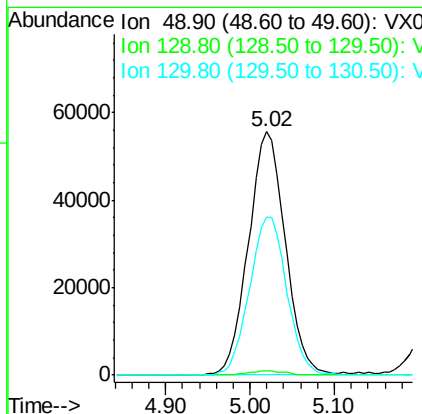
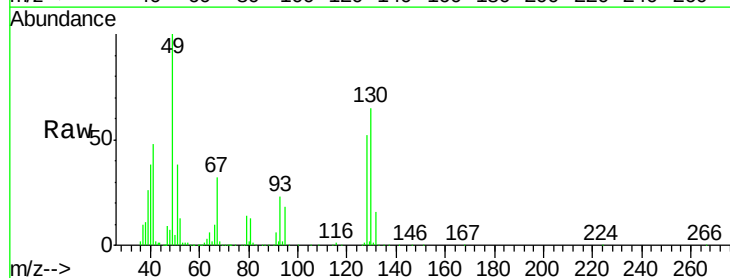
Tot Ion	96	Resp	219715
Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	288.0
98	64.2	0.0	129.0

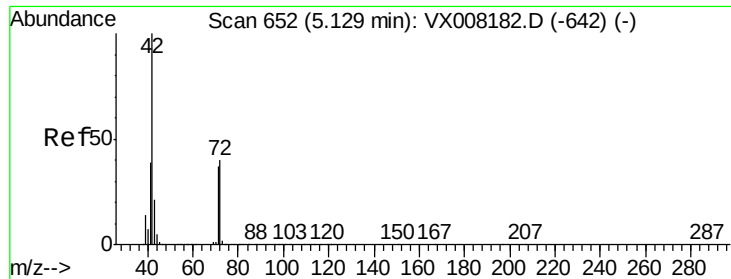


#28

Bromochloromethane
Concen: 49.416 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	49	Resp	165819
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	66.2	65.0	97.4





#29

Tetrahydrofuran

Concen: 276.986 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampled :

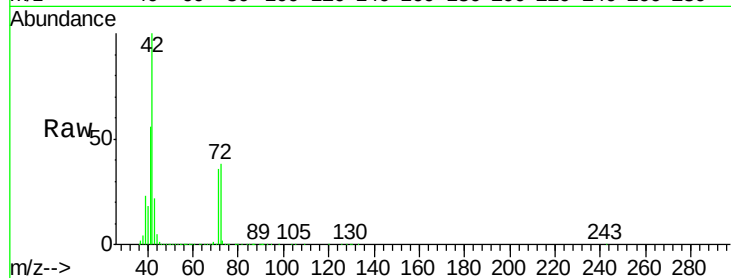
Tot Ion: 42 Resp: 613226

Ion Ratio Lower Upper

42 100

72 40.2 33.8 50.6

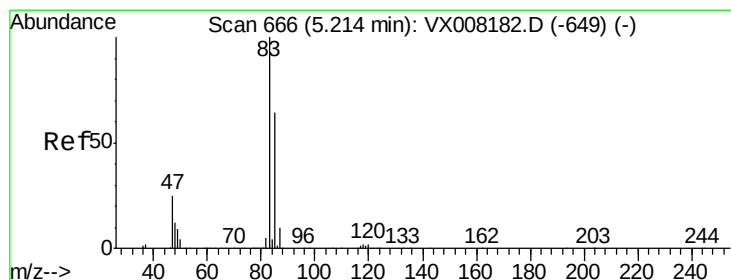
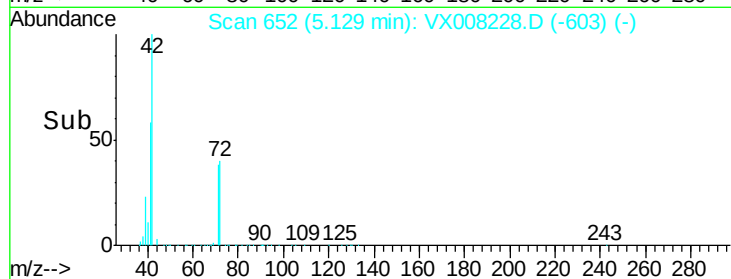
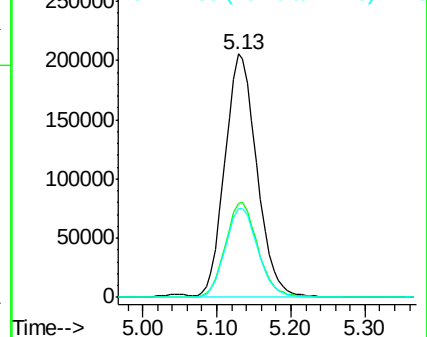
71 37.8 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.782 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008228.D

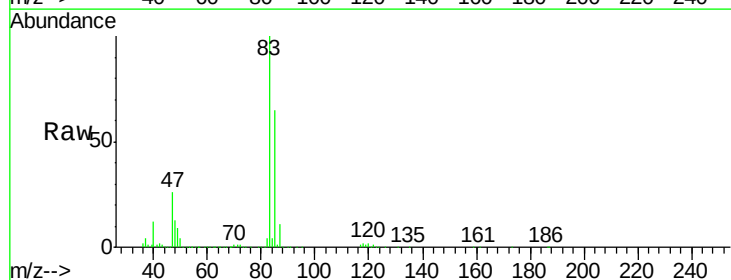
Acq: 20 Mar 2019 07:46

Tgt Ion: 83 Resp: 368955

Ion Ratio Lower Upper

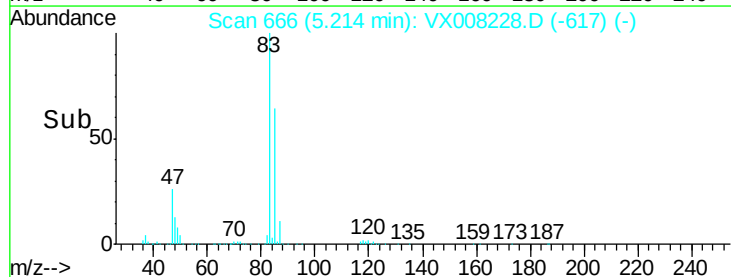
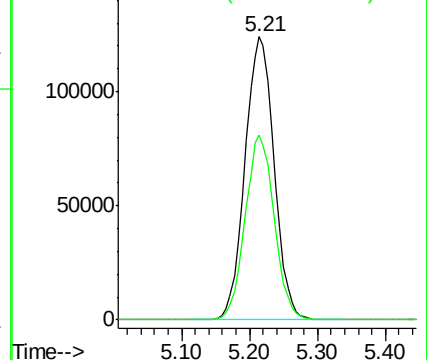
83 100

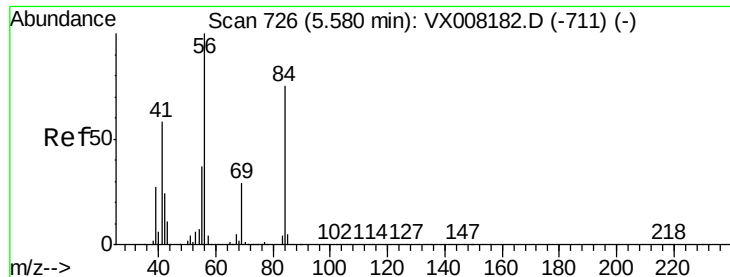
85 65.3 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

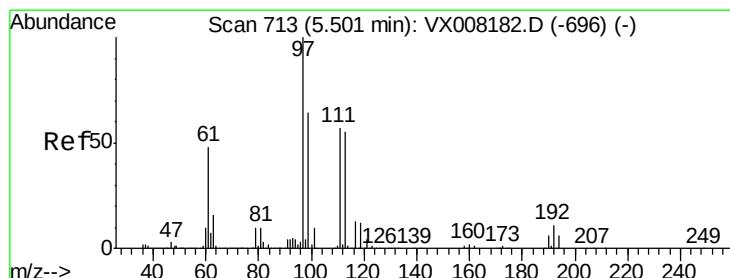
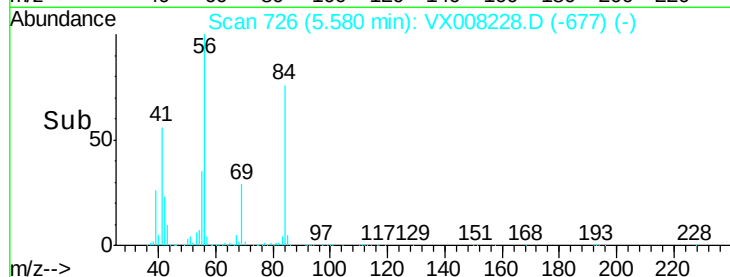
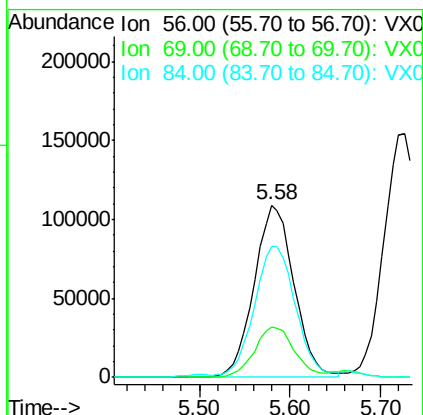
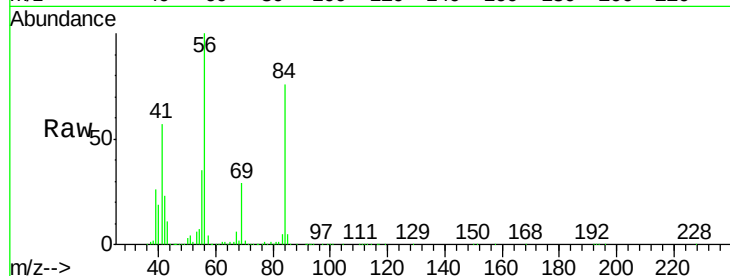




#31
Cyclohexane
Concen: 47.134 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

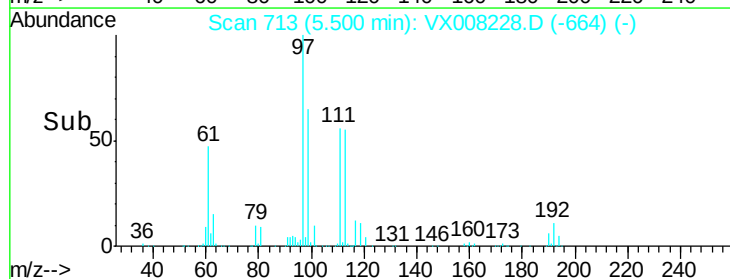
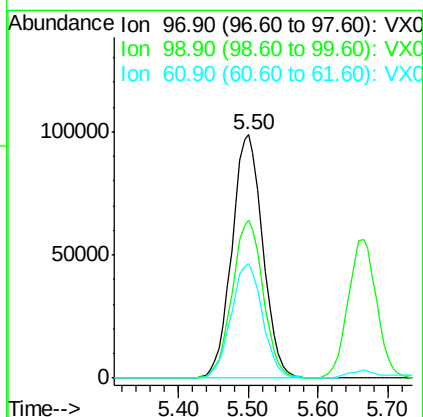
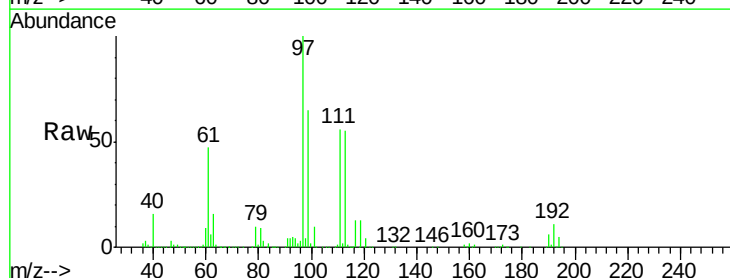
Instrument :
MSVOA_X
ClientSampleId :

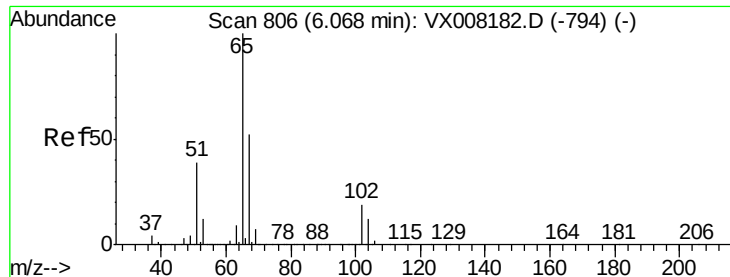
Tot Ion: 56 Resp: 330753
Ion Ratio Lower Upper
56 100
69 29.2 24.0 36.0
84 75.1 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 52.033 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 97 Resp: 302565
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 48.0 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 47.961 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

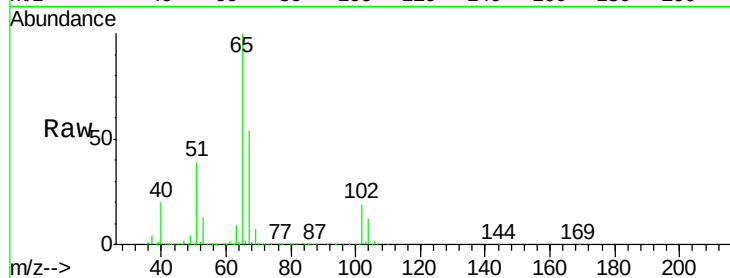
ClientSampleId :

Tot Ion: 65 Resp: 202883

Ion Ratio Lower Upper

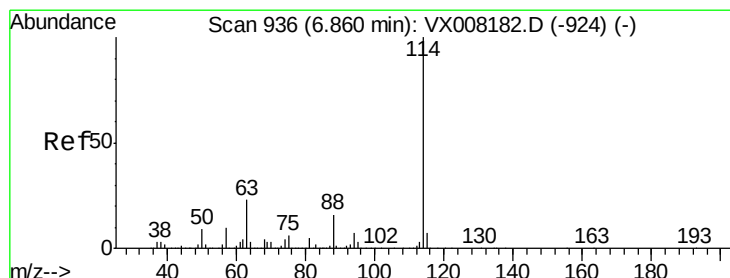
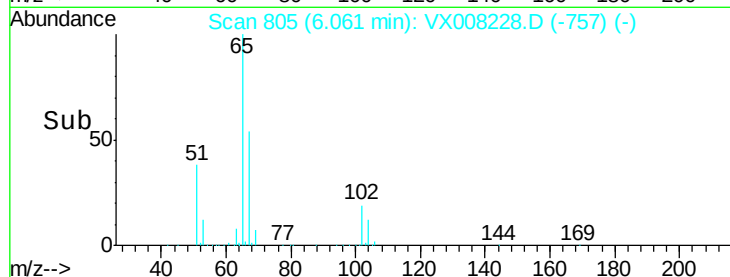
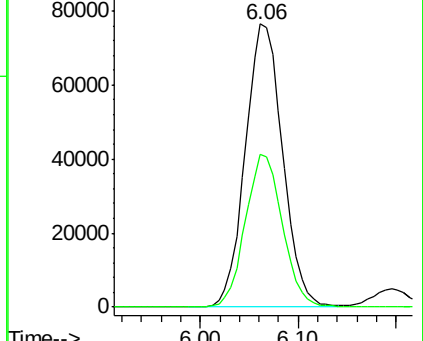
65 100

67 53.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

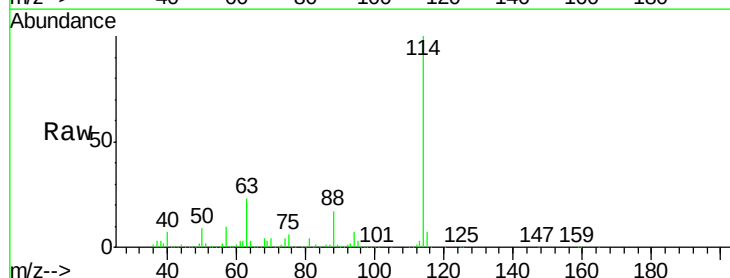
Tgt Ion: 114 Resp: 478869

Ion Ratio Lower Upper

114 100

63 23.3 0.0 39.8

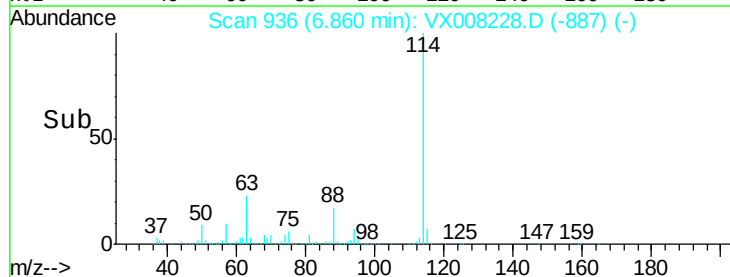
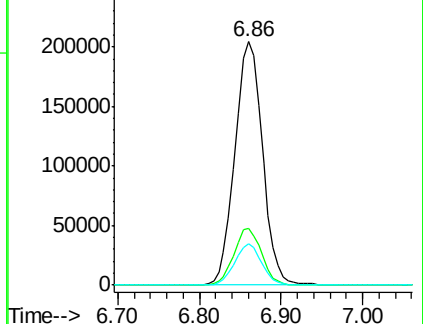
88 16.9 0.0 31.4

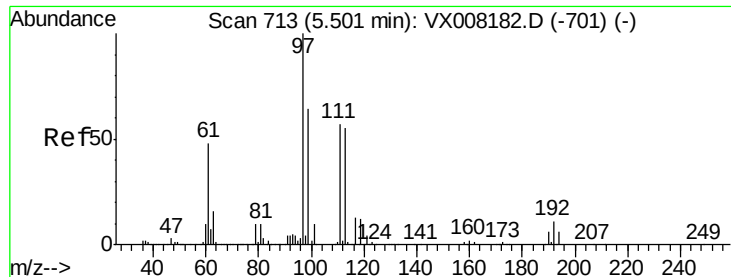


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.869 ug/l

RT: 5.50 min Scan# 713

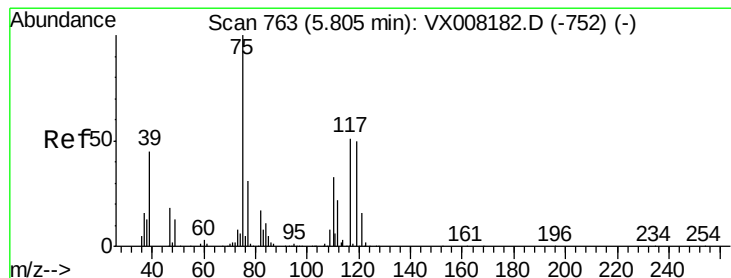
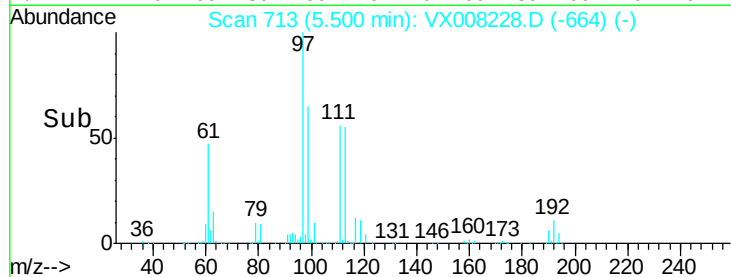
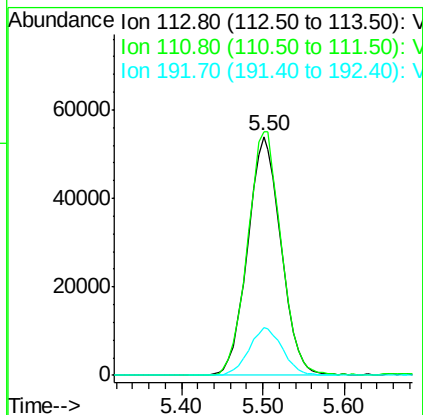
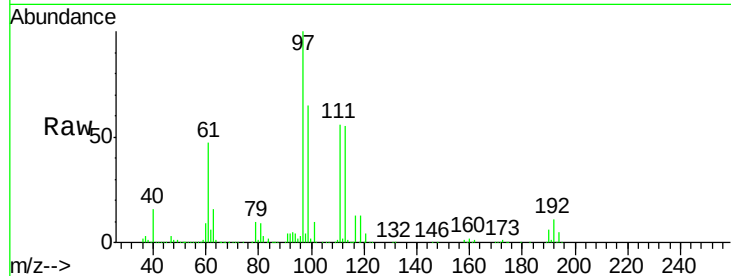
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	153455
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.0
192	20.3	19.4	29.0



#36

1,1-Dichloropropene

Concen: 48.831 ug/l

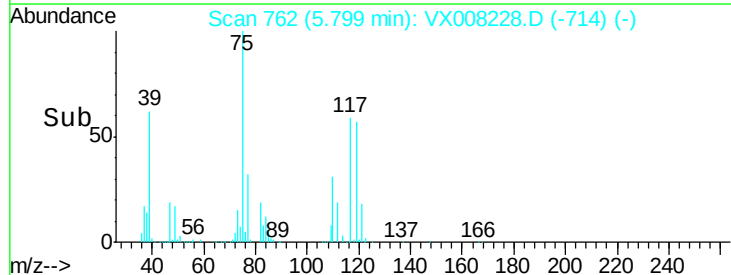
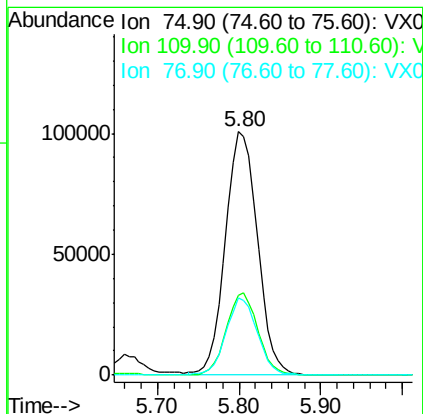
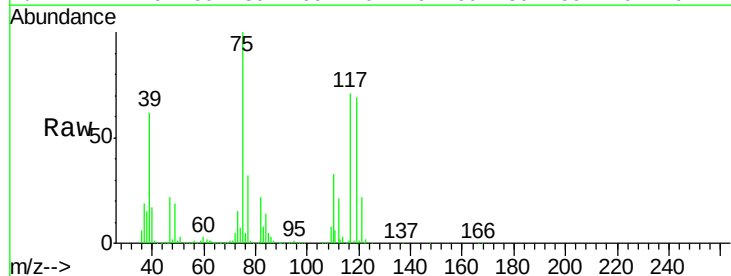
RT: 5.80 min Scan# 762

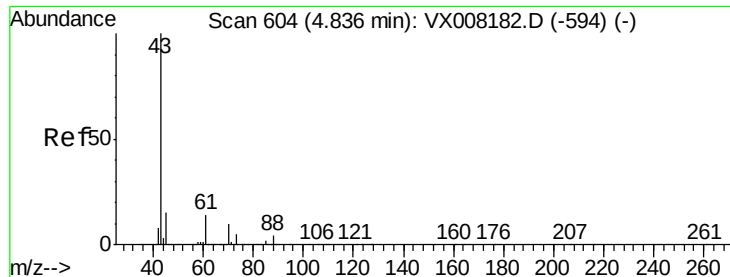
Delta R.T. -0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion:	75	Resp:	272247
Ion	Ratio	Lower	Upper
75	100		
110	33.4	18.4	55.0
77	30.7	25.0	37.4

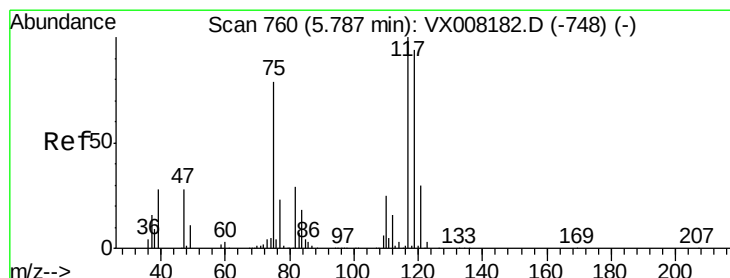
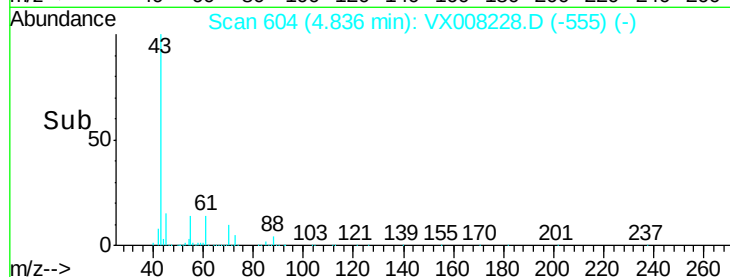
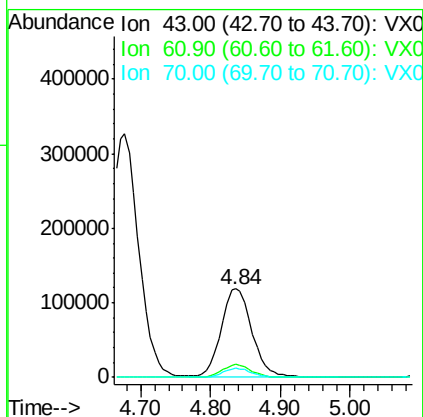
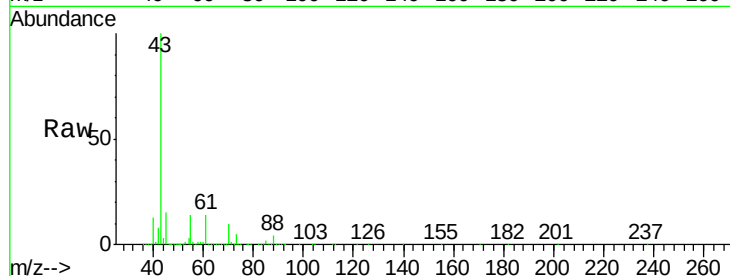




#37
Ethyl Acetate
Concen: 54.483 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

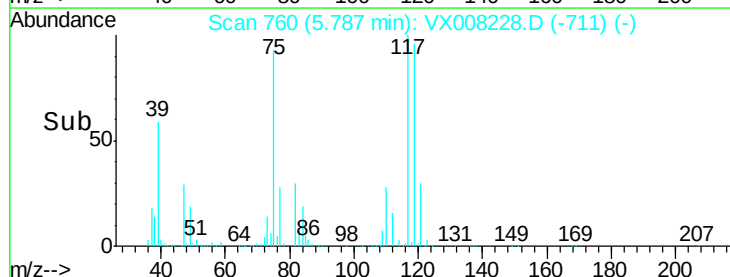
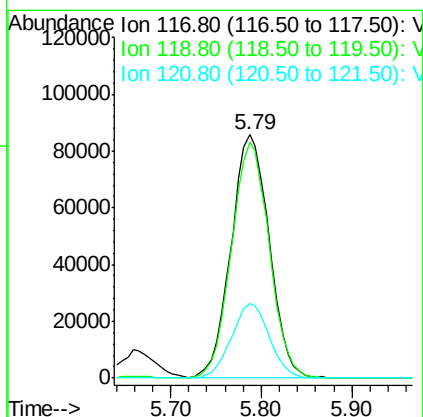
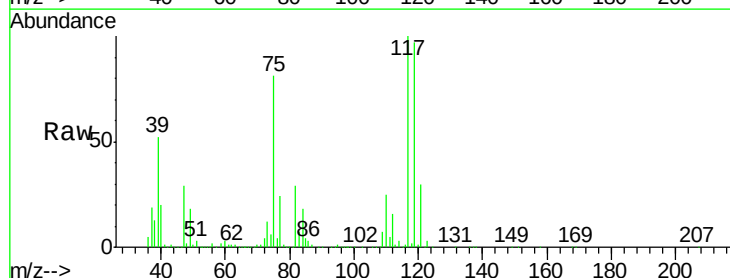
Instrument :
MSVOA_X
ClientSampleId :

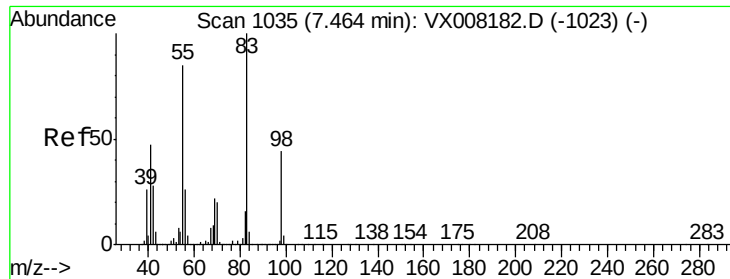
Tot Ion: 43 Resp: 359078
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 9.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.243 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 117 Resp: 249587
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.2
121 30.4 24.6 36.8

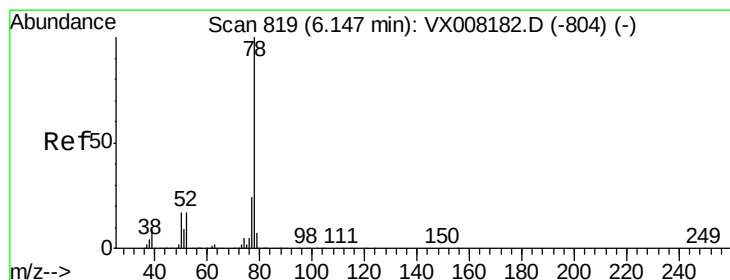
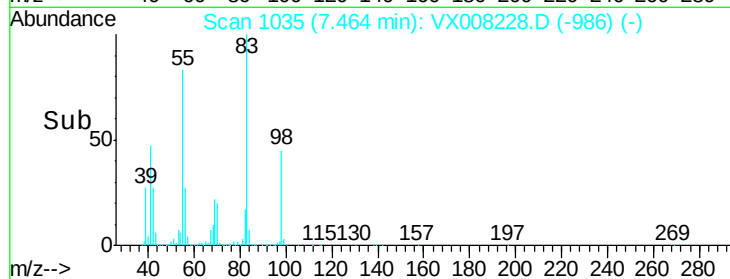
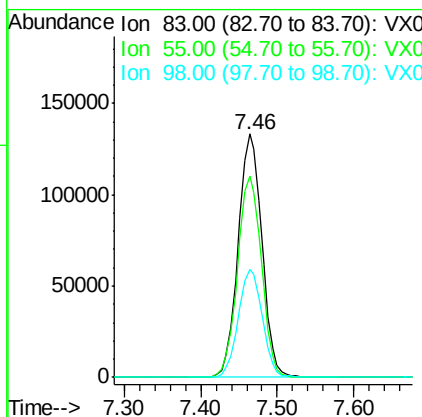
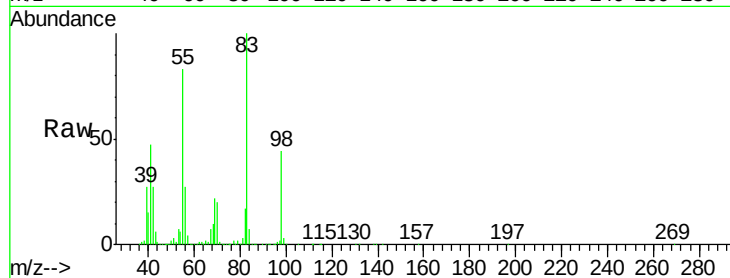




#39
Methylvlcyclohexane
Concen: 42.737 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

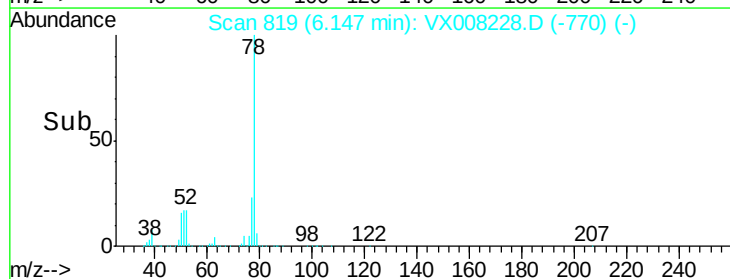
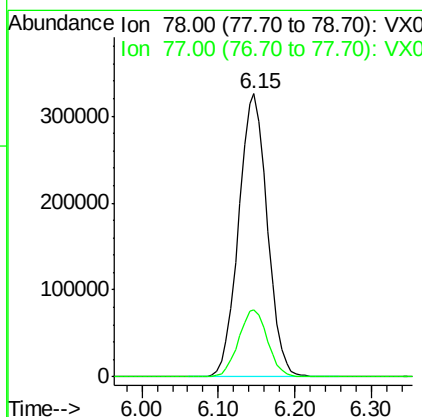
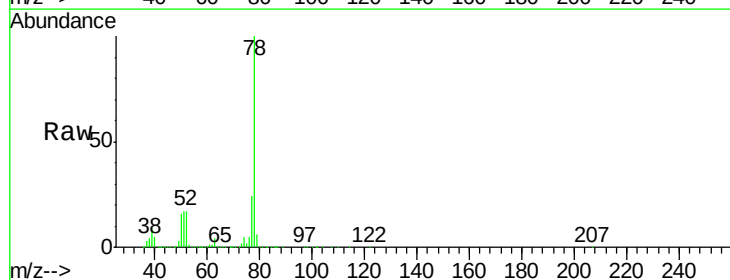
Instrument :
MSVOA_X
ClientSampleId :

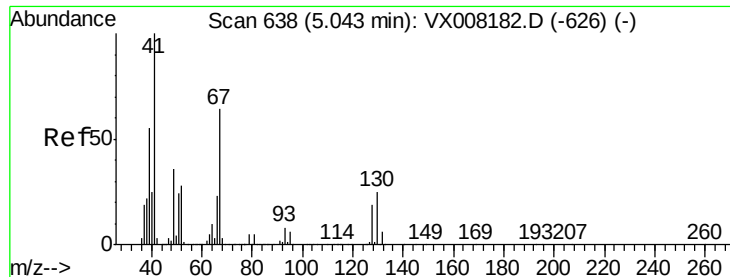
Tot Ion: 83 Resp: 286737
Ion Ratio Lower Upper
83 100
55 82.8 60.4 90.6
98 44.5 36.5 54.7



#40
Benzene
Concen: 51.367 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 78 Resp: 847635
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 54.390 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 201072

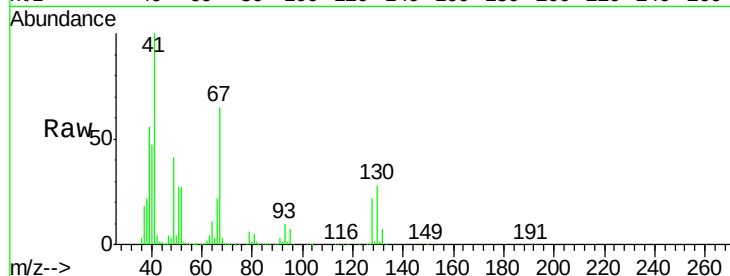
Ion Ratio Lower Upper

41 100

39 54.4 41.6 62.4

67 67.2 55.8 83.6

52 27.7 21.7 32.5

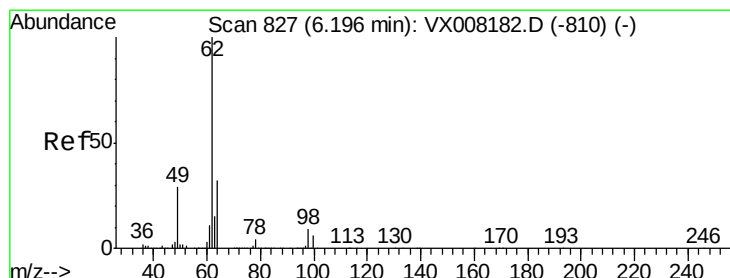
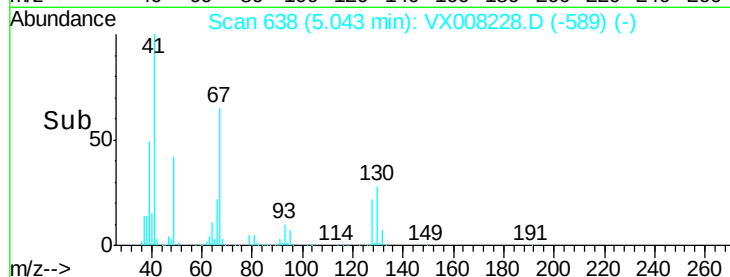
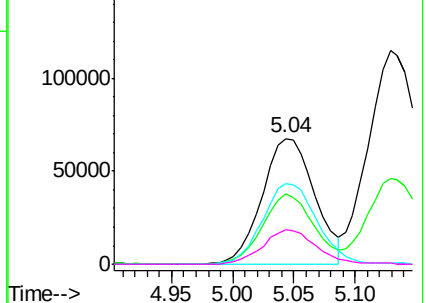


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.174 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008228.D

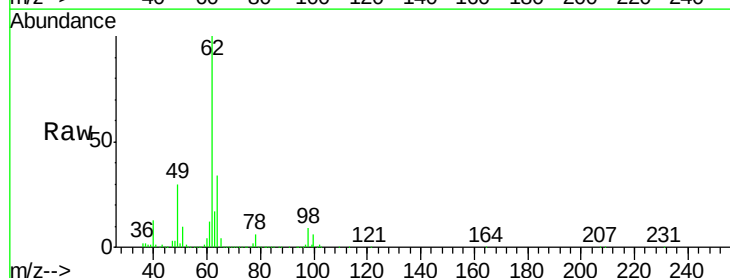
Acq: 20 Mar 2019 07:46

Tgt Ion: 62 Resp: 309352

Ion Ratio Lower Upper

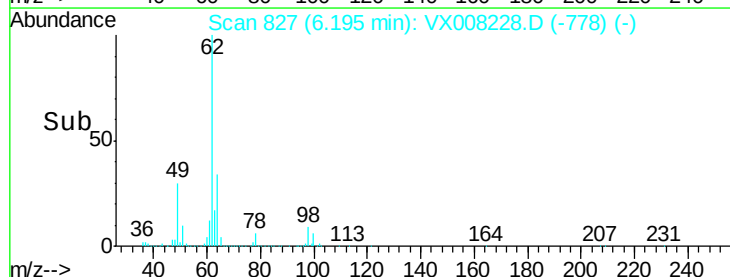
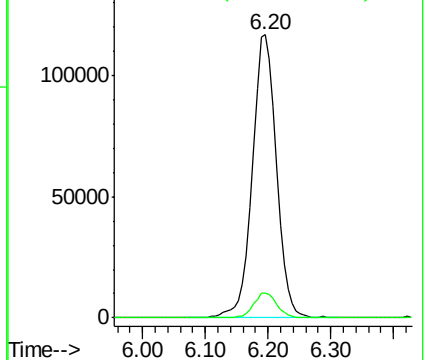
62 100

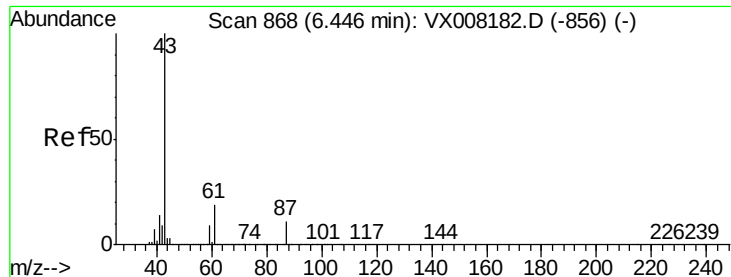
98 8.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.467 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

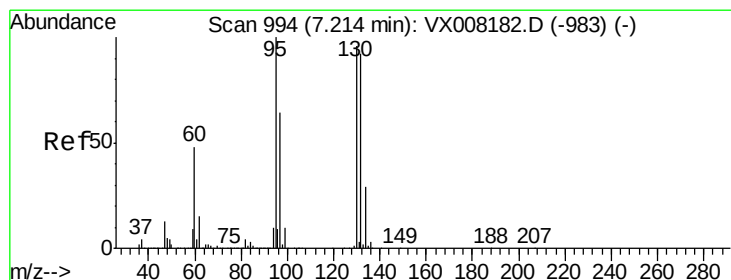
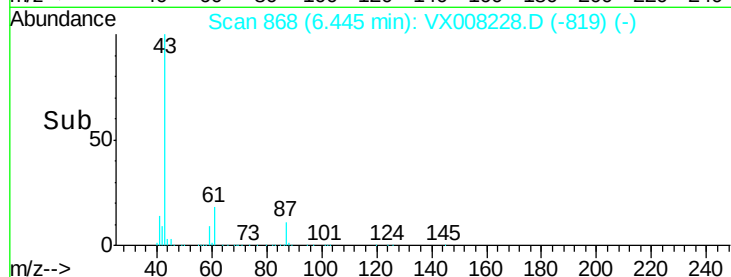
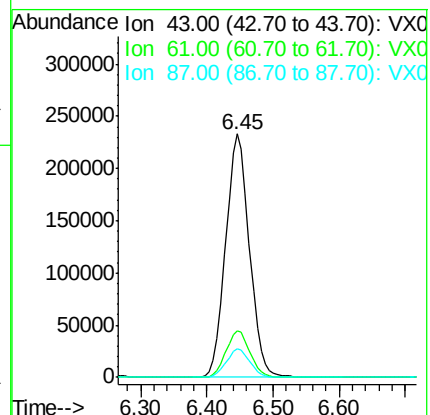
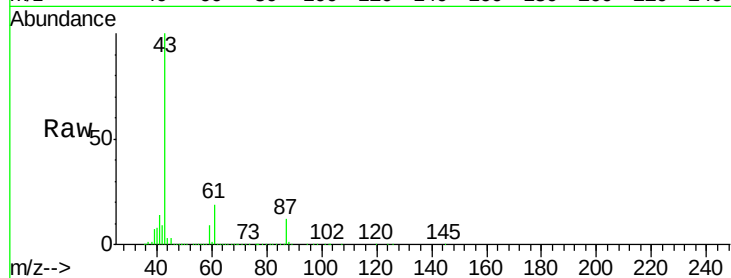
Tot Ion: 43 Resp: 575385

Ion Ratio Lower Upper

43 100

61 19.5 16.3 24.5

87 11.8 10.5 15.7



#44

Trichloroethene

Concen: 50.020 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008228.D

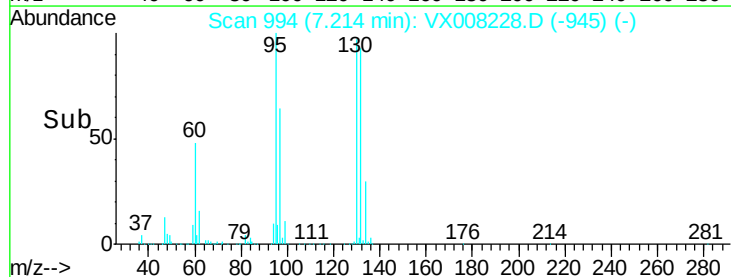
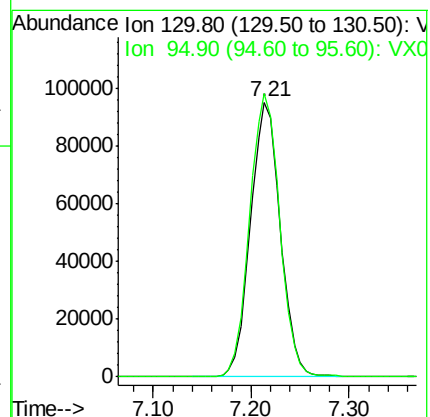
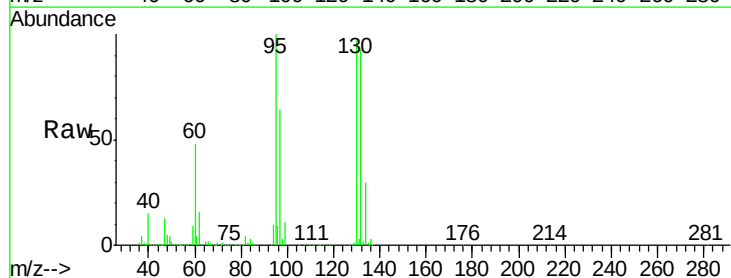
Acq: 20 Mar 2019 07:46

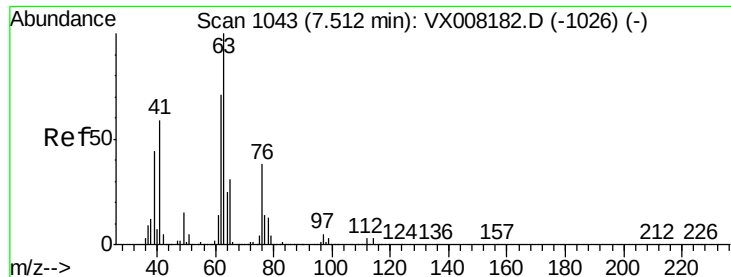
Tgt Ion:130 Resp: 201822

Ion Ratio Lower Upper

130 100

95 102.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.590 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

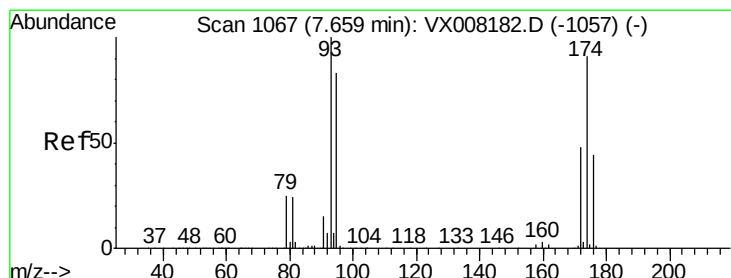
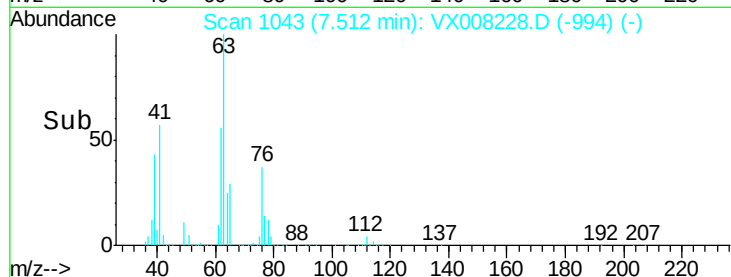
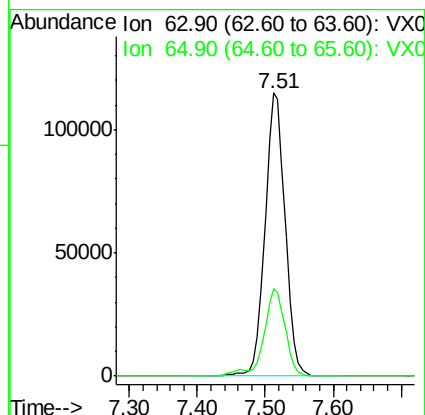
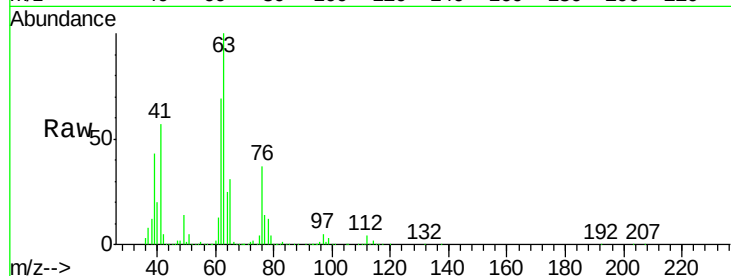
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 238317

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 51.754 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

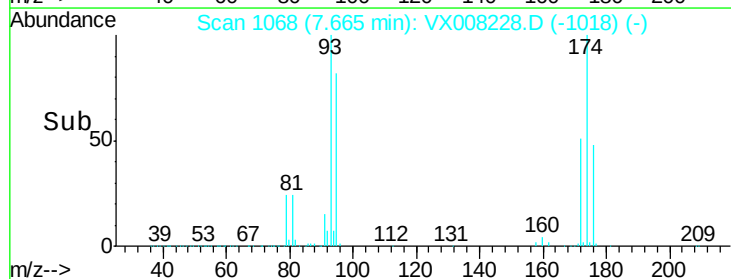
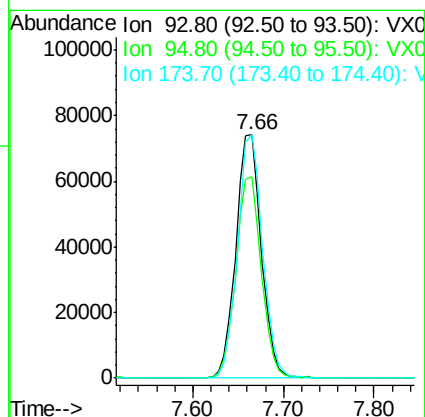
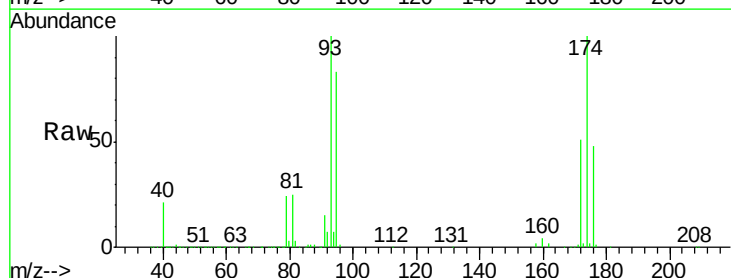
Tgt Ion: 93 Resp: 144753

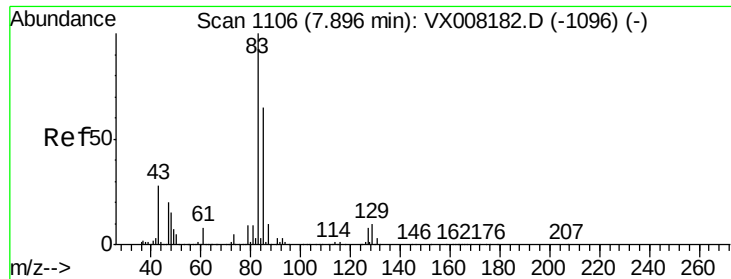
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 98.5 97.3 145.9





#47

Bromodichloromethane

Concen: 53.047 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

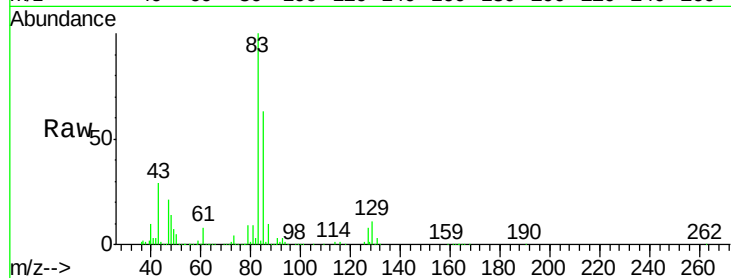
Tot Ion: 83 Resp: 282759

Ion Ratio Lower Upper

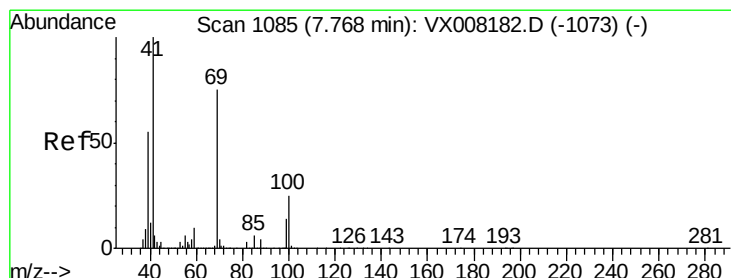
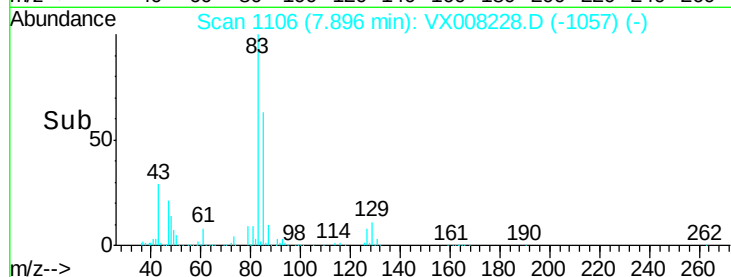
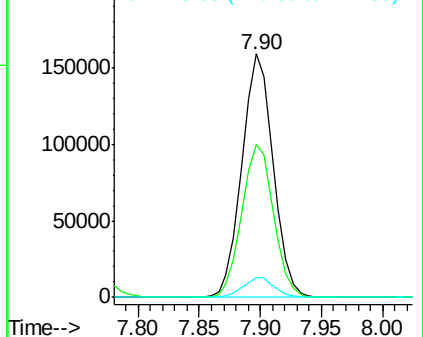
83 100

85 62.6 50.9 76.3

127 8.2 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: 53.533 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

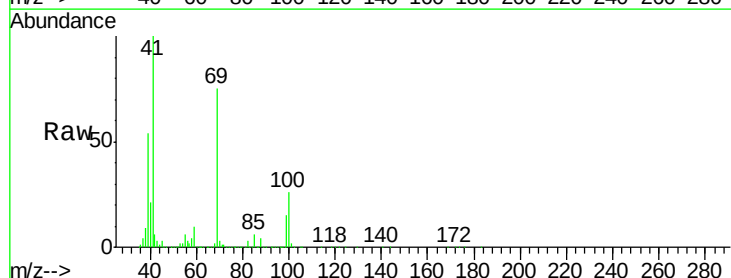
Tgt Ion: 41 Resp: 300693

Ion Ratio Lower Upper

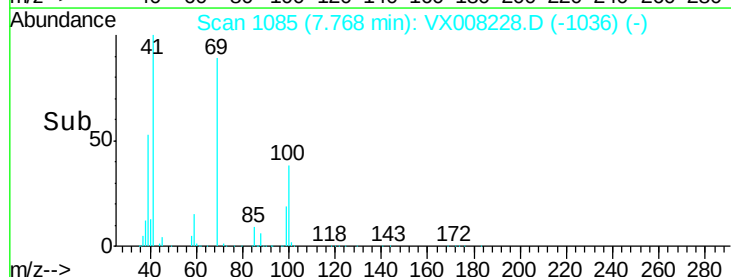
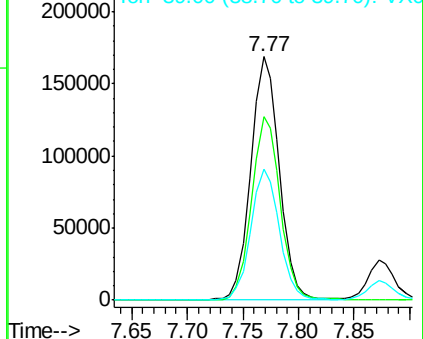
41 100

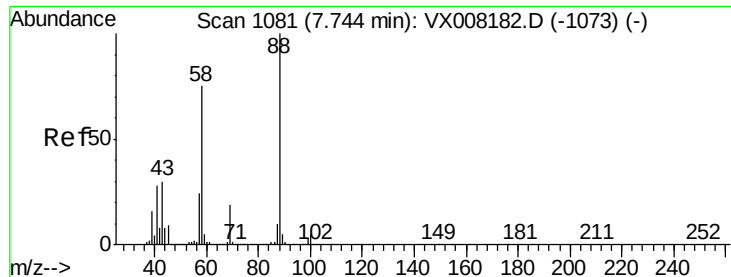
69 76.1 65.2 97.8

39 53.9 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: 1014.816 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

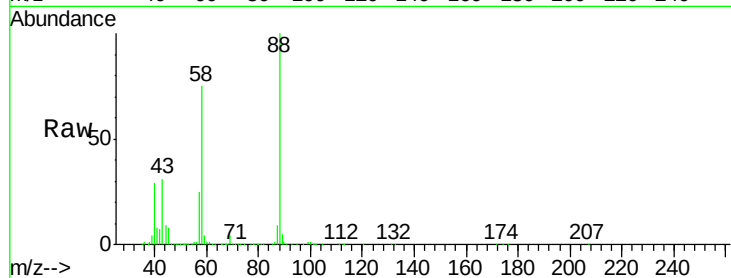
Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 100590

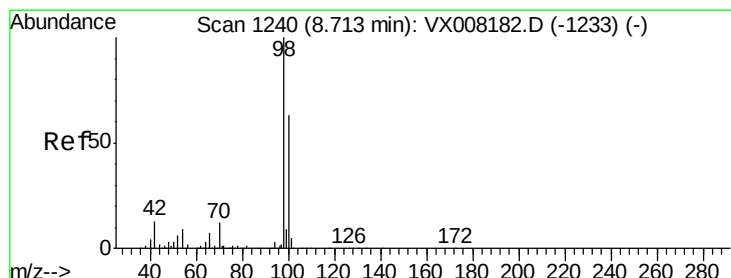
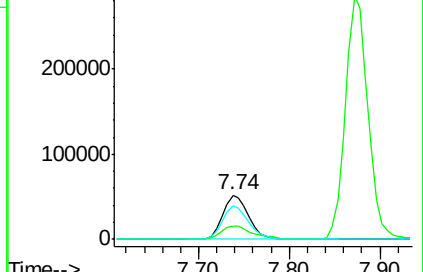
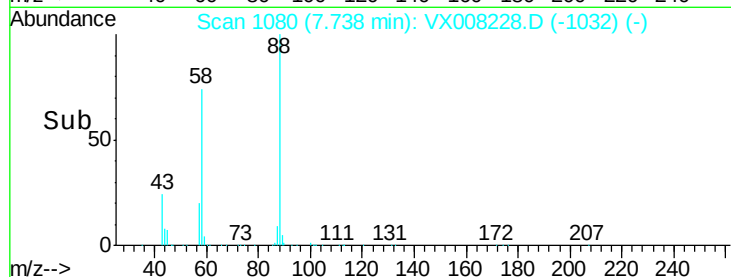
Ion	Ratio	Lower	Upper
88	100		
43	36.8	25.1	37.7
58	78.4	57.8	86.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.183 ug/l

RT: 8.71 min Scan# 1240

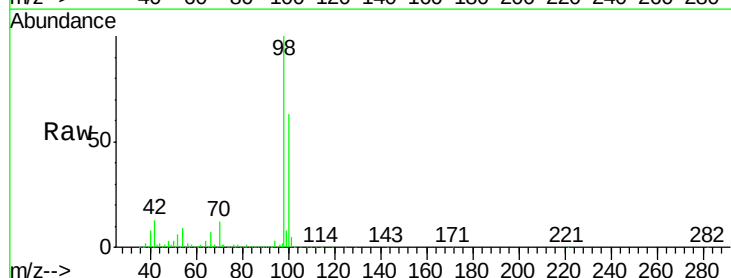
Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

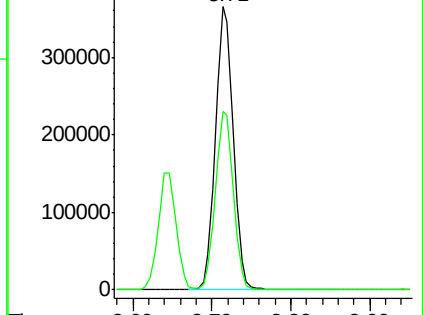
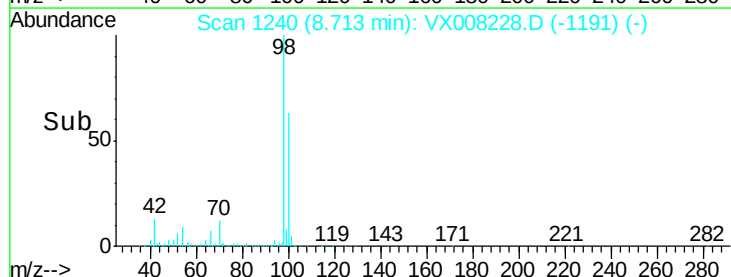
Tgt Ion: 98 Resp: 573456

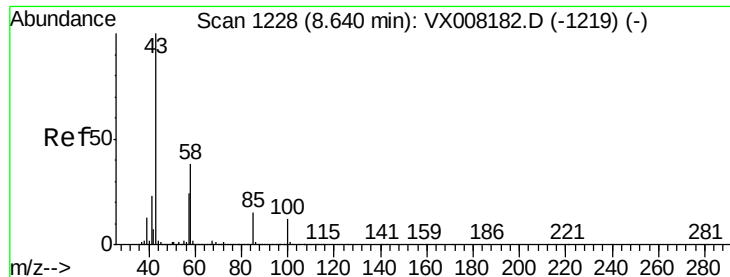
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 269.608 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

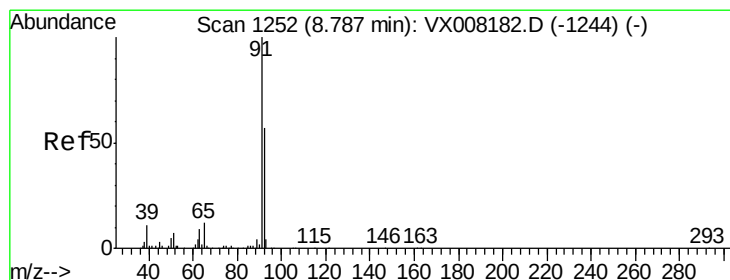
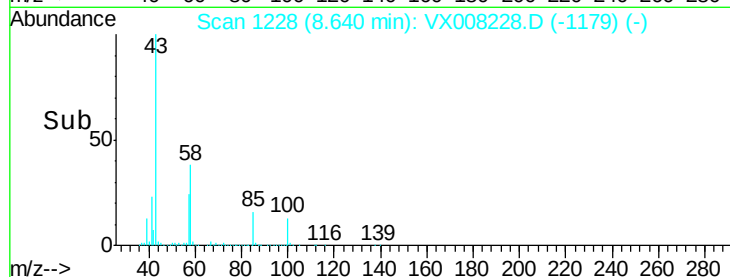
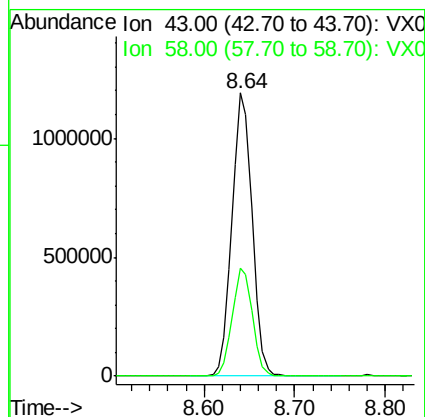
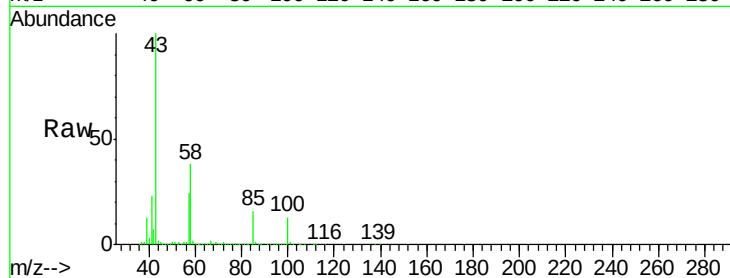
ClientSampled :

Tot Ion: 43 Resp: 1841295

Ion Ratio Lower Upper

43 100

58 37.9 31.3 46.9



#52

Toluene

Concen: 50.740 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008228.D

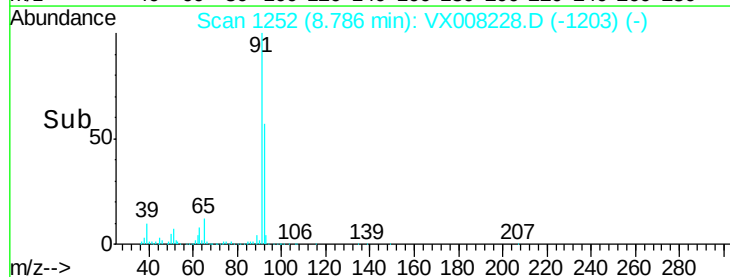
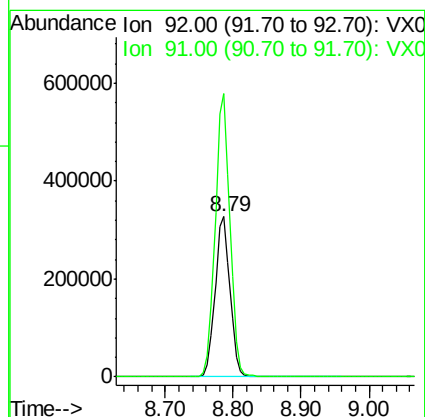
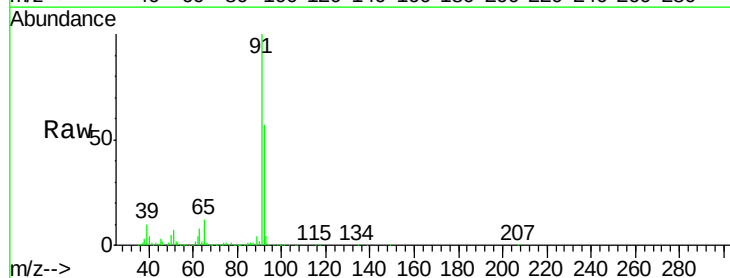
Acq: 20 Mar 2019 07:46

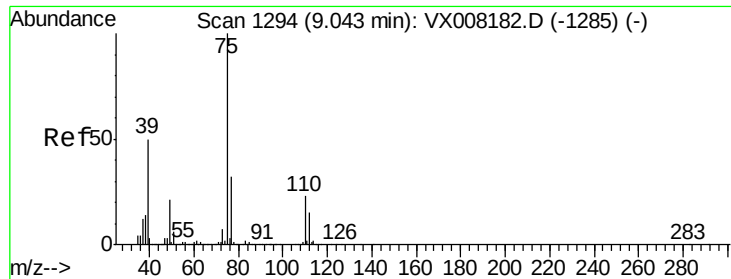
Tgt Ion: 92 Resp: 496738

Ion Ratio Lower Upper

92 100

91 175.7 137.4 206.0

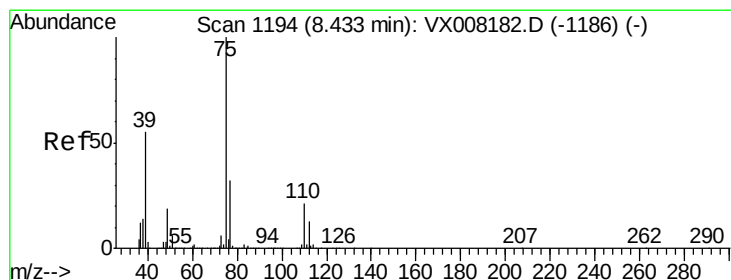
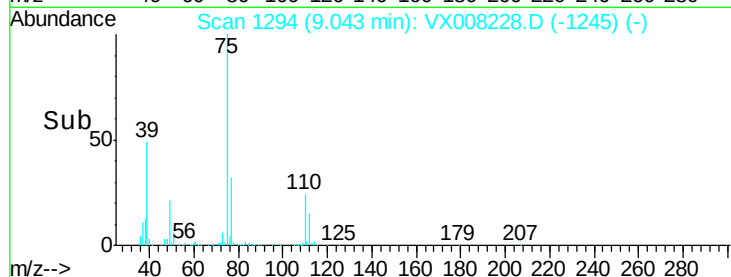
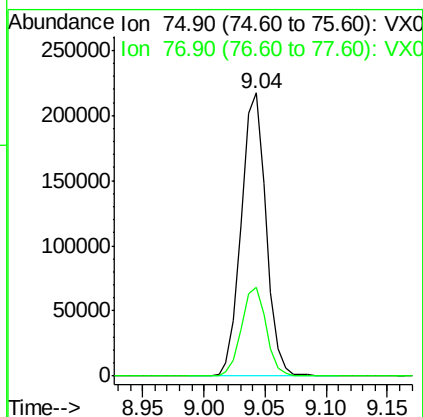
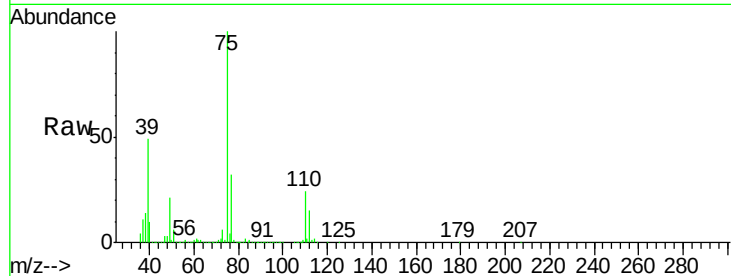




#53
t-1,3-Dichloropropene
Concen: 45.694 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

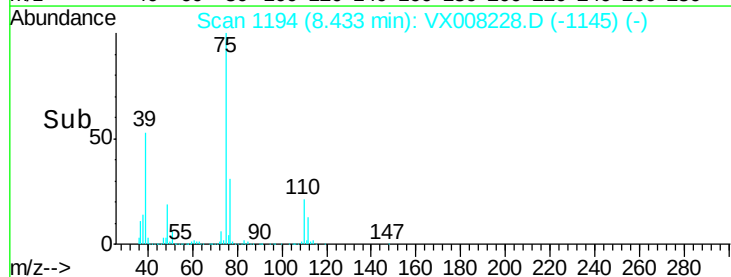
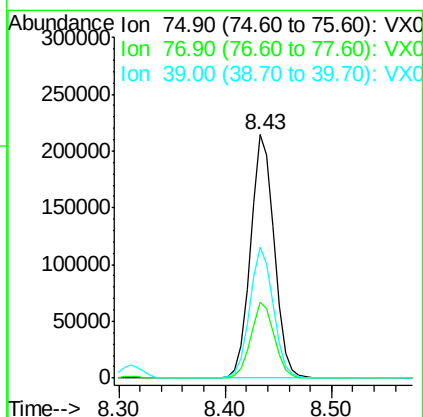
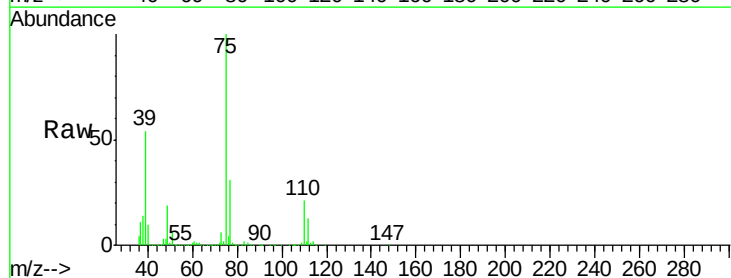
Instrument :
MSVOA_X
ClientSampleId :

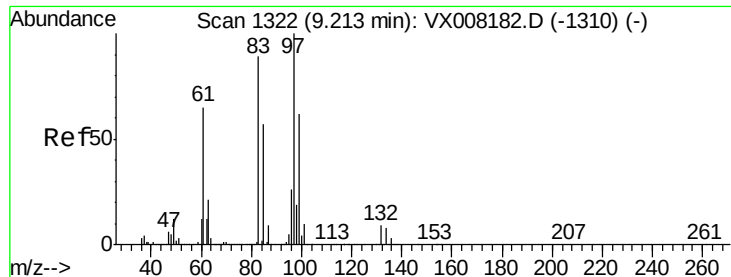
Tot Ion: 75 Resp: 304186
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 50.479 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 75 Resp: 333930
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 53.5 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 53.535 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 211754

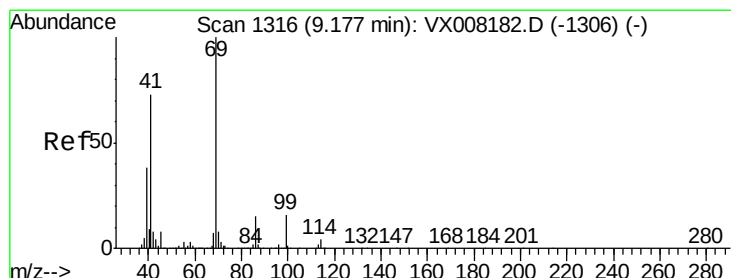
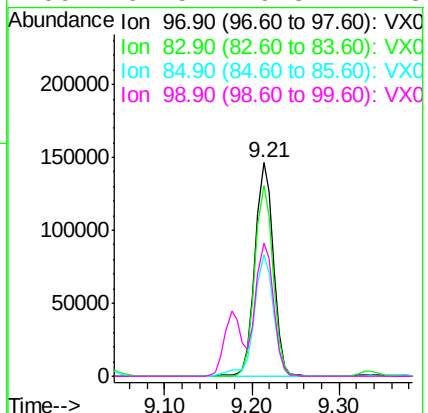
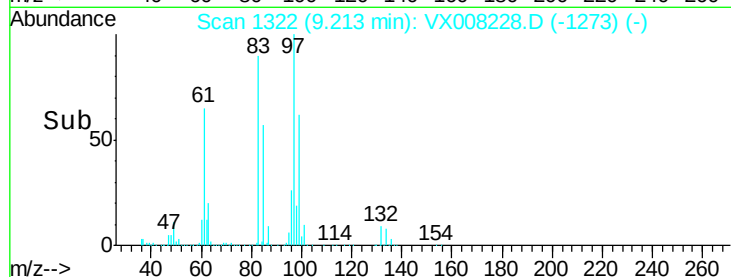
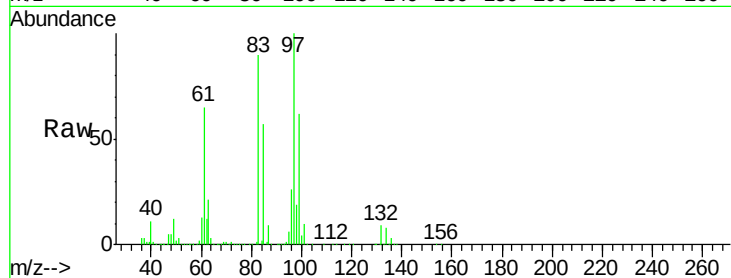
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.1	103.7
85	56.6	44.3	66.5
99	62.5	49.8	74.8

97 100

83 89.6 69.1 103.7

85 56.6 44.3 66.5

99 62.5 49.8 74.8



#56

Ethyl methacrylate

Concen: 50.980 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

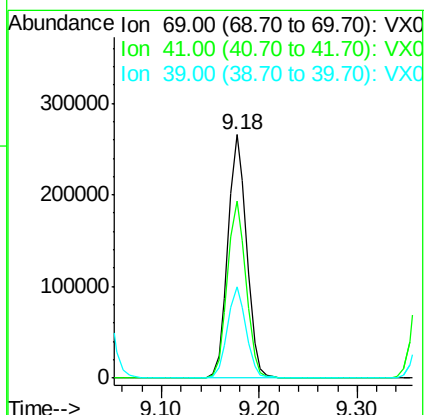
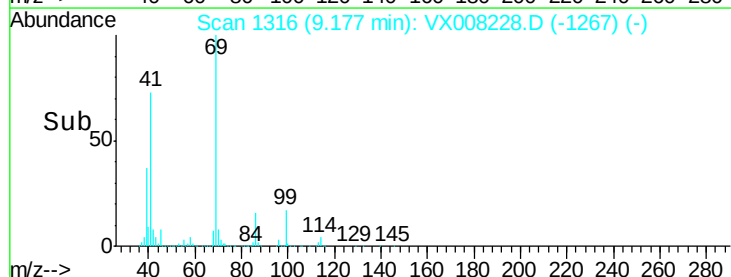
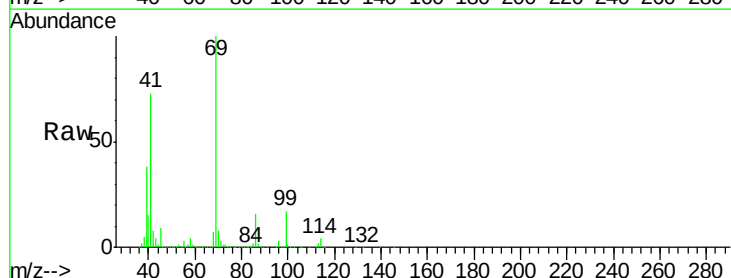
Tgt Ion: 69 Resp: 353770

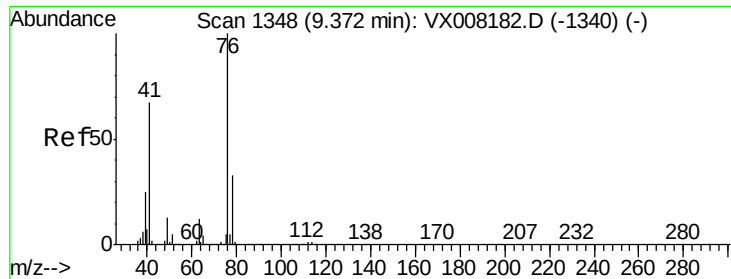
Ion	Ratio	Lower	Upper
69	100		
41	72.5	54.2	81.4
39	37.2	25.0	37.4

69 100

41 72.5 54.2 81.4

39 37.2 25.0 37.4

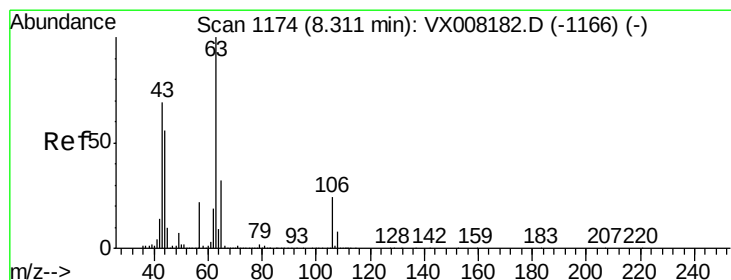
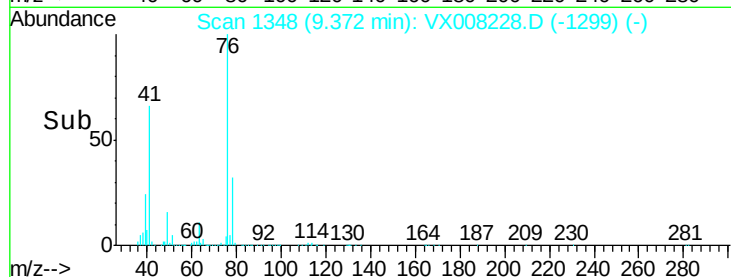
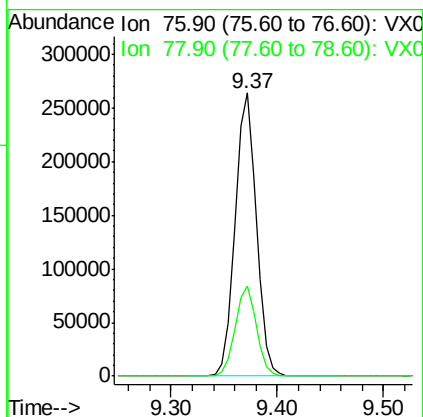
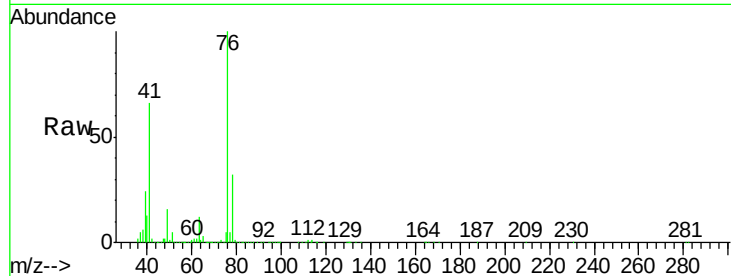




#57
 1,3-Dichloropropane
 Concen: 53.129 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

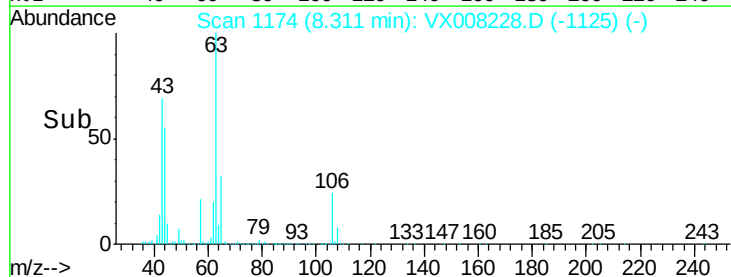
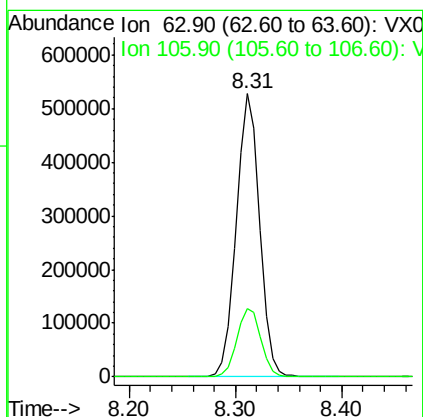
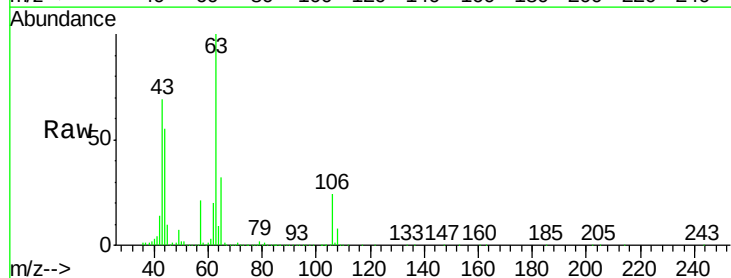
Instrument :
 MSVOA_X
 ClientSampleId :

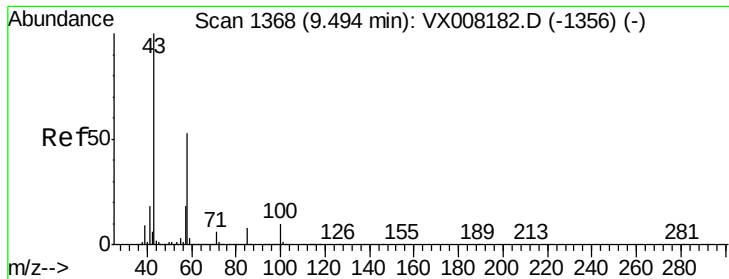
Tot Ion: 76 Resp: 371755
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.170 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion: 63 Resp: 810749
 Ion Ratio Lower Upper
 63 100
 106 24.9 22.2 33.2

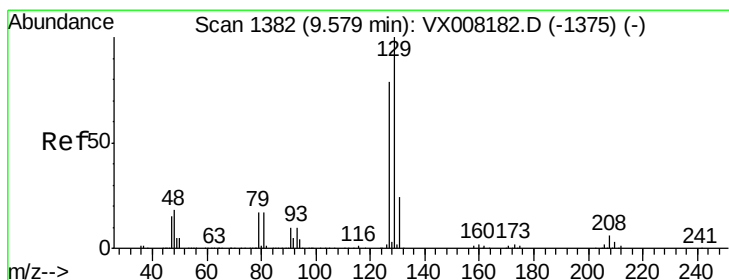
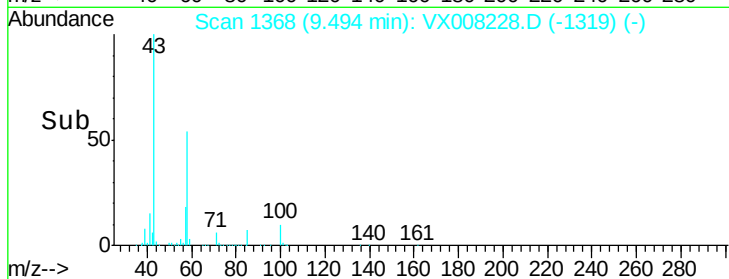
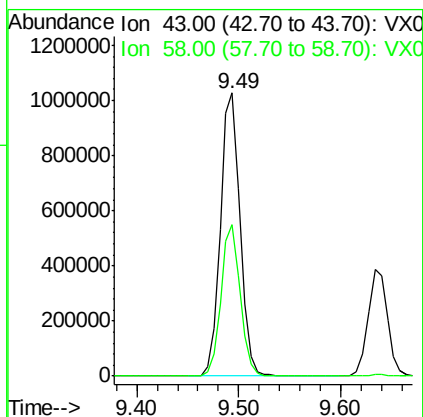
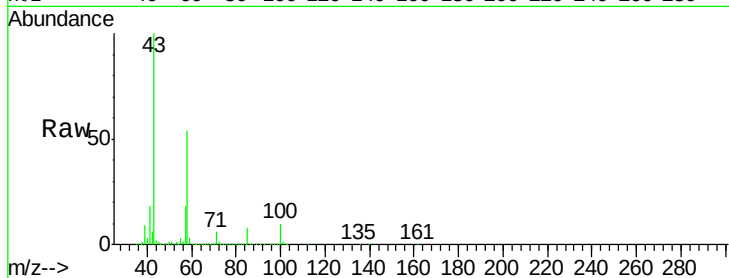




#59
2-Hexanone
Concen: 262.998 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

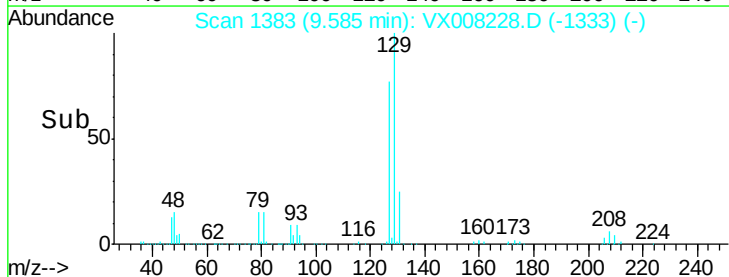
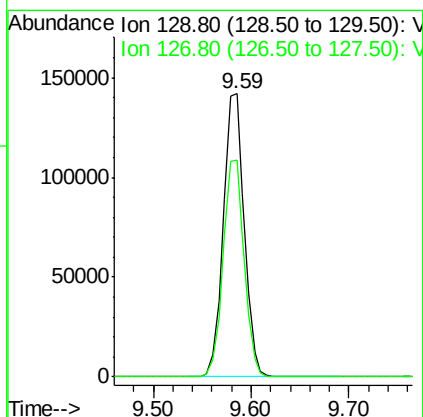
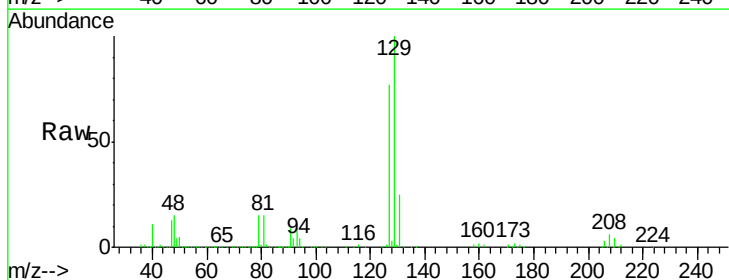
Instrument :
MSVOA_X
ClientSampled :

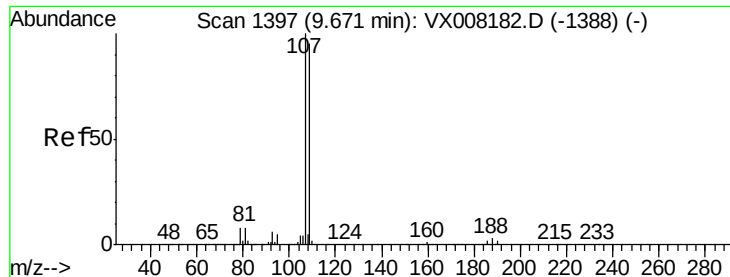
Tot Ion: 43 Resp: 1382815
Ion Ratio Lower Upper
43 100
58 52.5 27.6 82.7



#60
Dibromochloromethane
Concen: 55.210 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 129 Resp: 209873
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 53.110 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

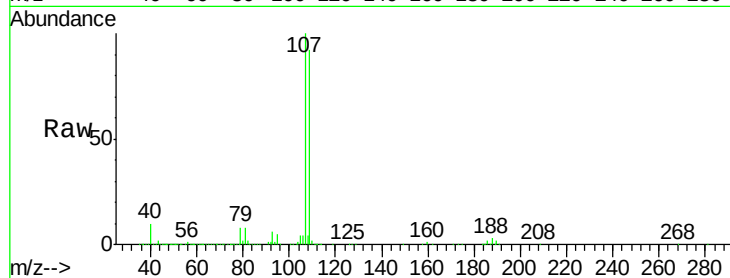
ClientSampleId :

Tot Ion:107 Resp: 219351

Ion Ratio Lower Upper

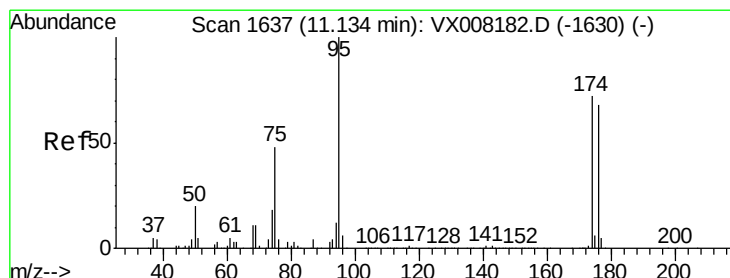
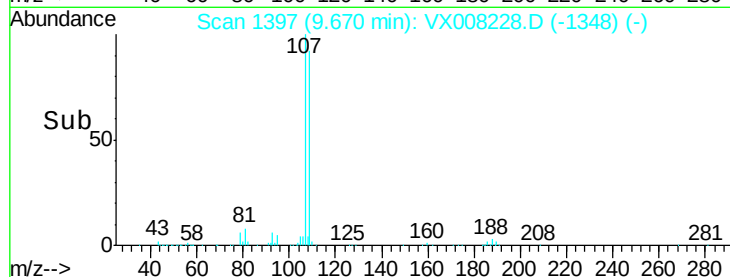
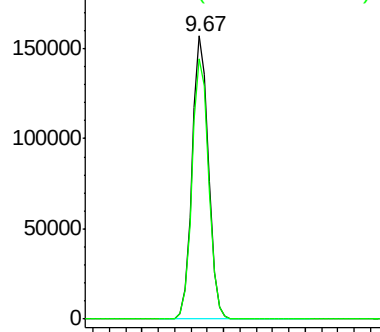
107 100

109 94.0 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: 48.488 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

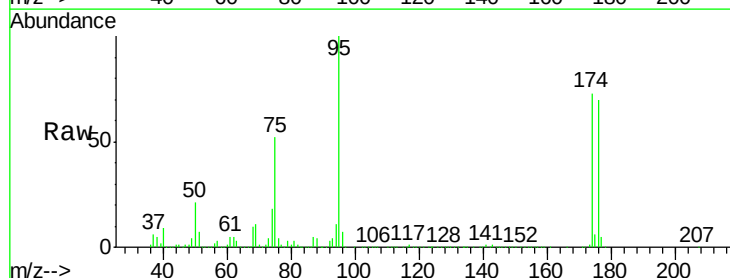
Tgt Ion: 95 Resp: 202916

Ion Ratio Lower Upper

95 100

174 78.6 0.0 182.8

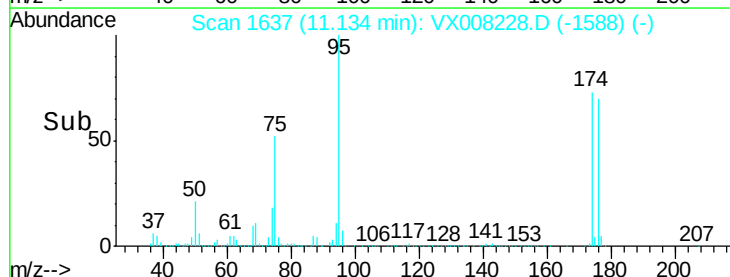
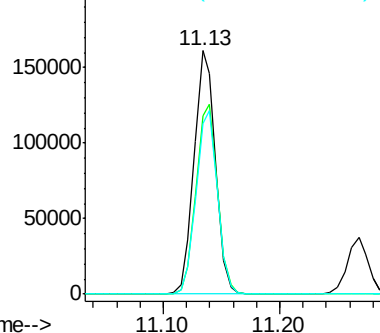
176 76.1 0.0 178.0

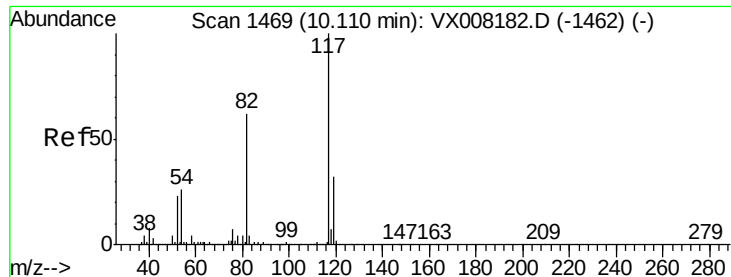


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

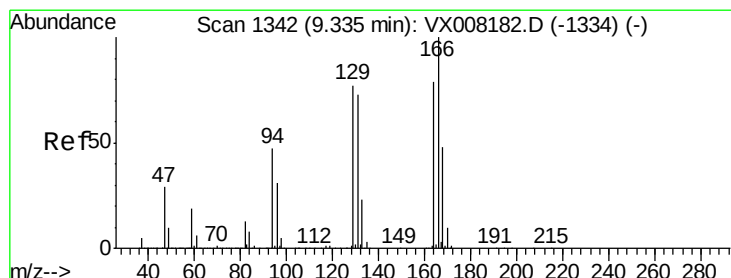
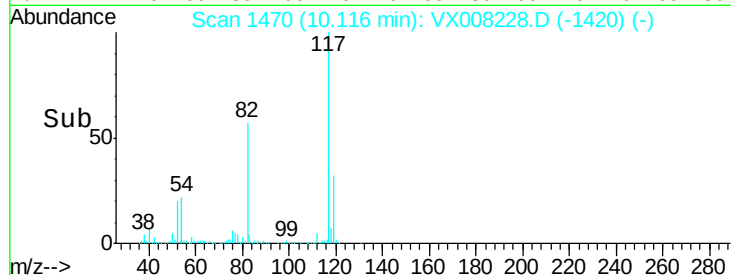
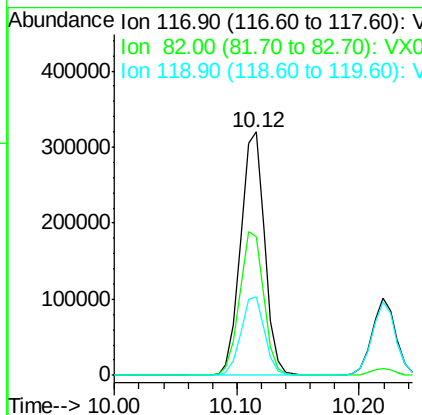
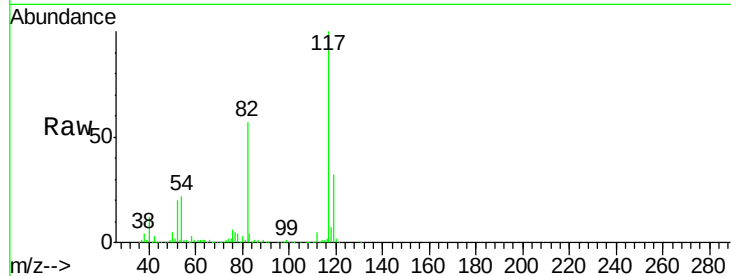




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

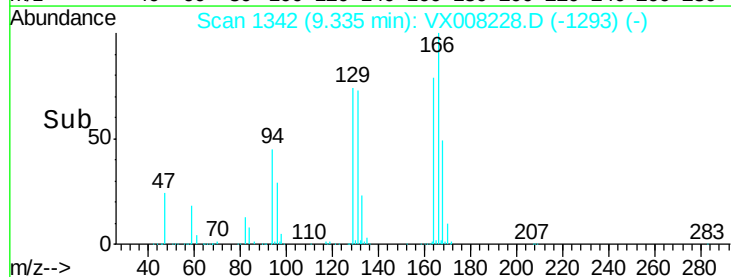
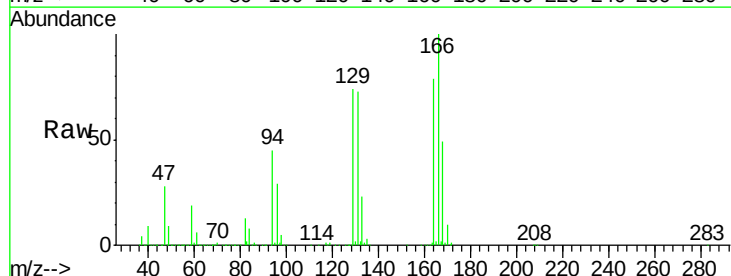
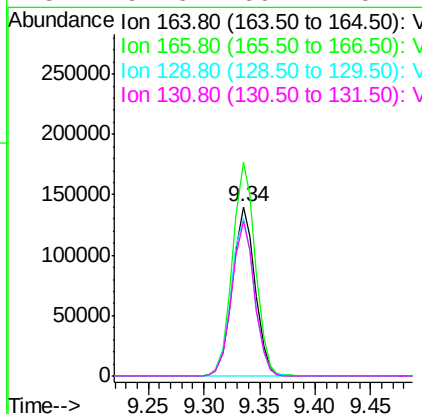
Instrument :
MSVOA_X
ClientSampleId :

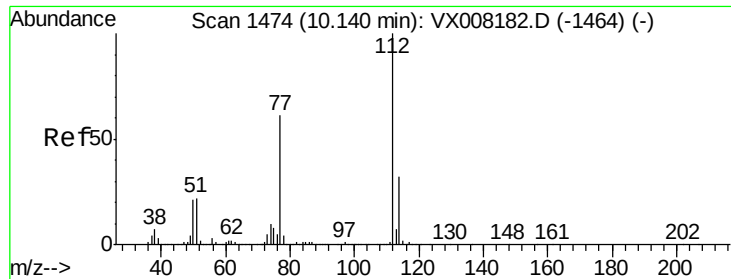
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.3	66.5
119	32.5	25.3	37.9



#64
Tetrachloroethene
Concen: 50.611 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.4	155.0
129	93.3	72.2	108.4
131	91.6	69.4	104.2





#65

Chlorobenzene

Concen: 49.574 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

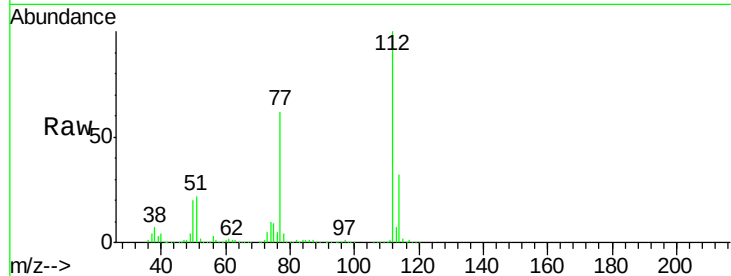
ClientSampleId :

Tot Ion:112 Resp: 526477

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

400000

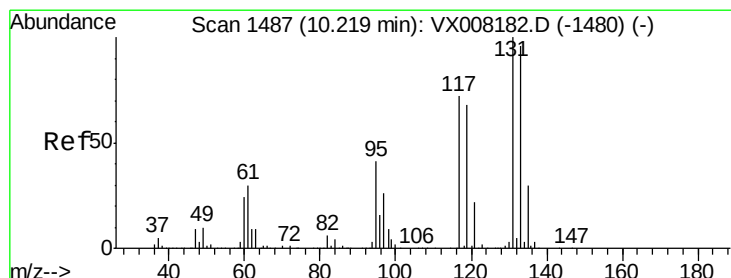
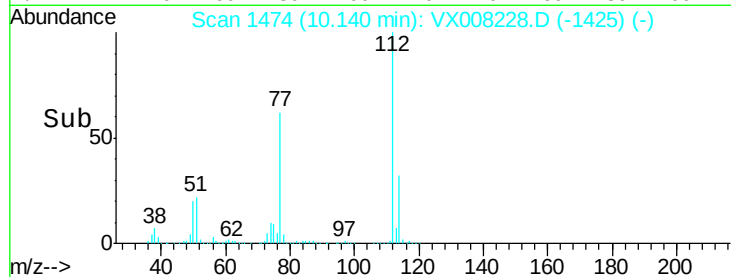
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 52.233 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

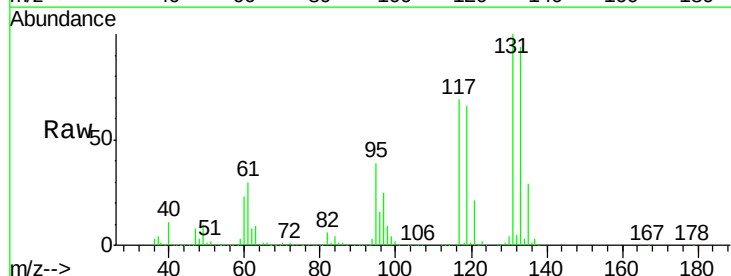
Tgt Ion:131 Resp: 193406

Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

119 66.6 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

10.22

200000

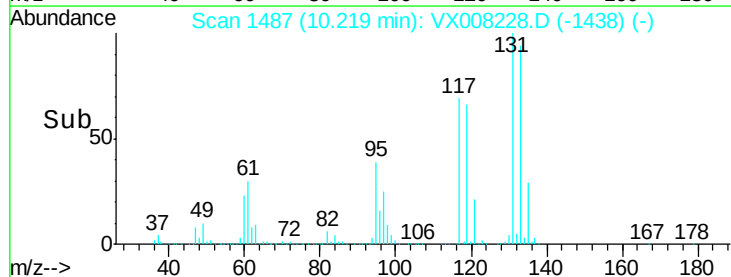
150000

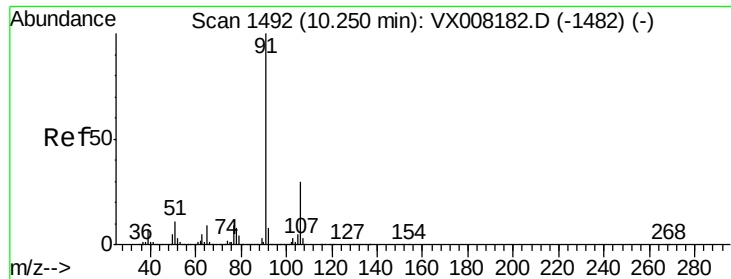
100000

50000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 50.016 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

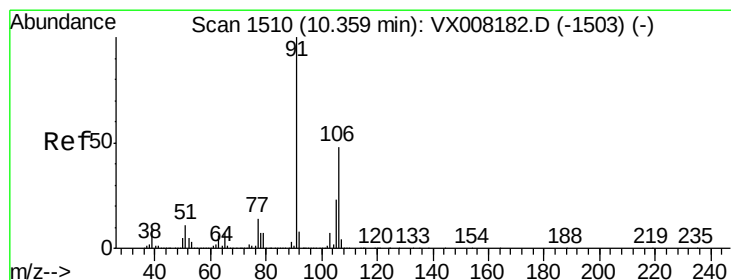
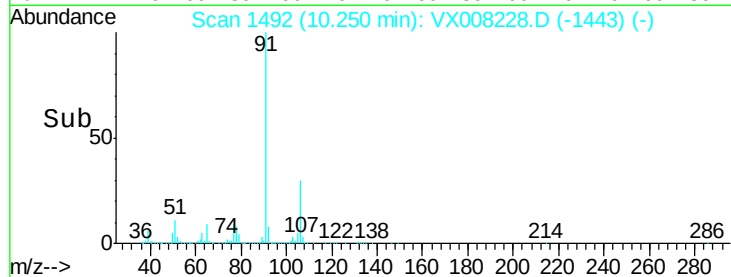
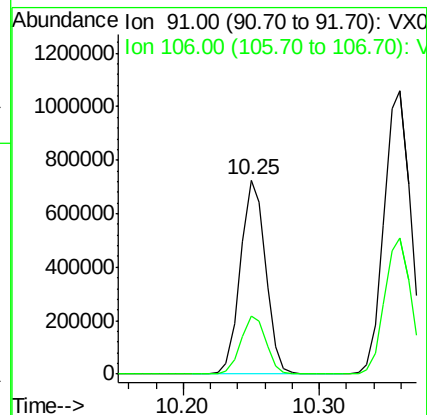
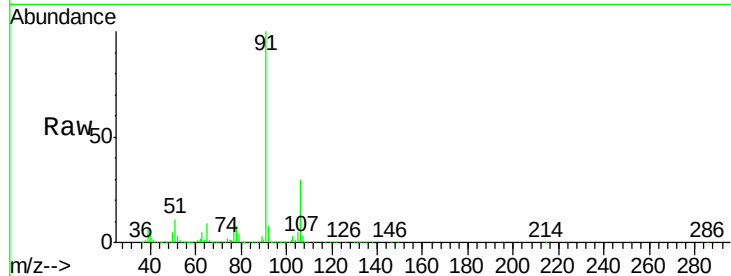
ClientSampleId :

Tot Ion: 91 Resp: 936037

Ion Ratio Lower Upper

91 100

106 30.0 25.2 37.8



#68

m/p-Xylenes

Concen: 99.973 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008228.D

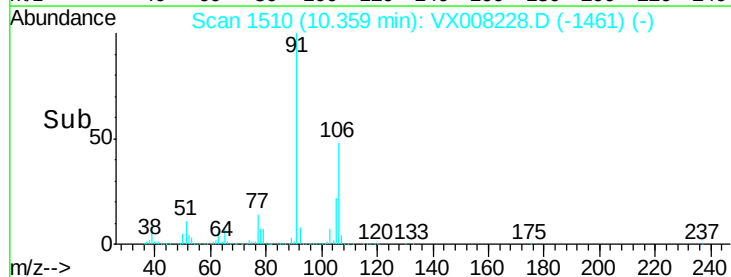
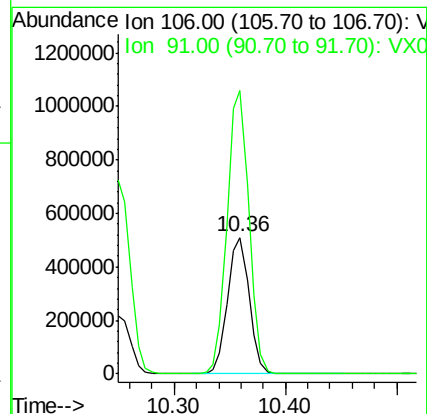
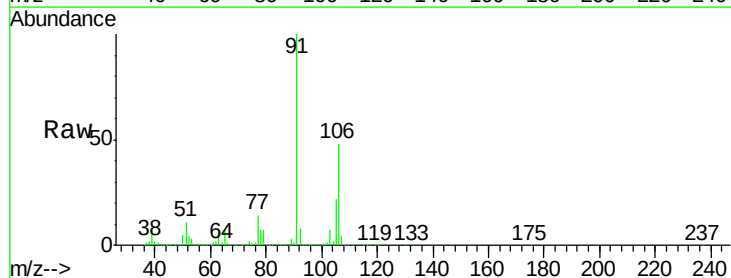
Acq: 20 Mar 2019 07:46

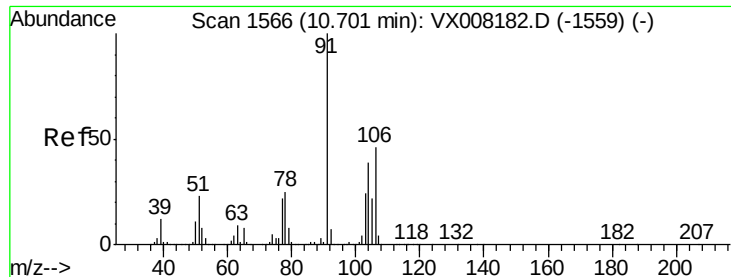
Tgt Ion: 106 Resp: 687273

Ion Ratio Lower Upper

106 100

91 209.5 159.8 239.6





#69

o-Xylene

Concen: 50.988 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

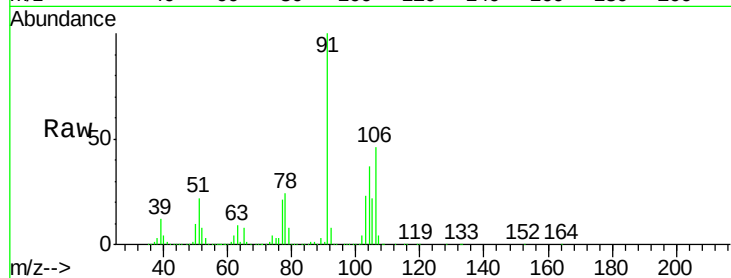
ClientSampleId :

Tot Ion:106 Resp: 340602

Ion Ratio Lower Upper

106 100

91 219.3 106.3 318.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

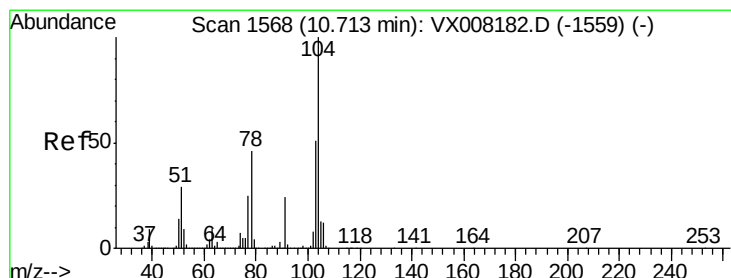
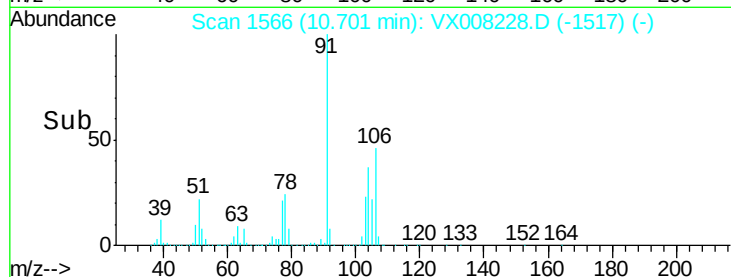
400000

200000

0

10.60 10.70 10.80

Time-->



#70

Styrene

Concen: 51.490 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

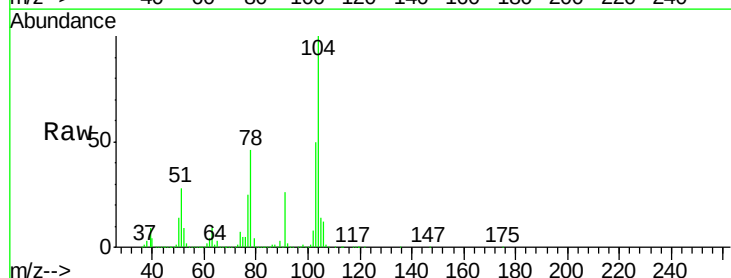
Tgt Ion:104 Resp: 558984

Ion Ratio Lower Upper

104 100

78 53.5 38.5 57.7

103 56.1 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

600000

500000

400000

300000

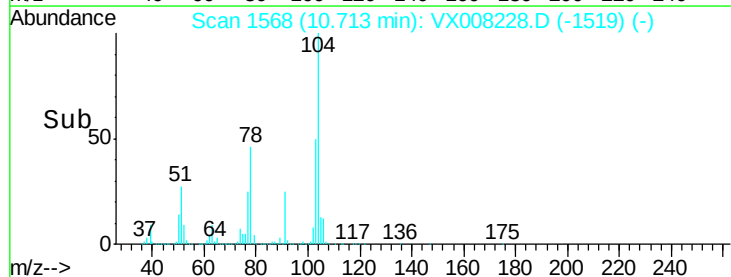
200000

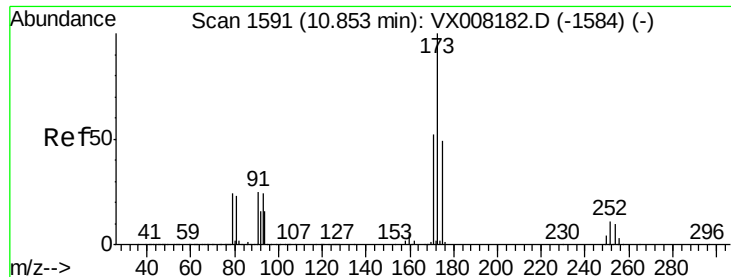
100000

0

10.60 10.70 10.80

Time-->





#71

Bromoform

Concen: 47.753 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

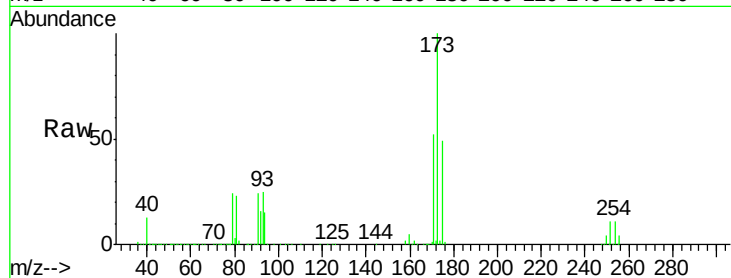
Tot Ion:173 Resp: 152019

Ion Ratio Lower Upper

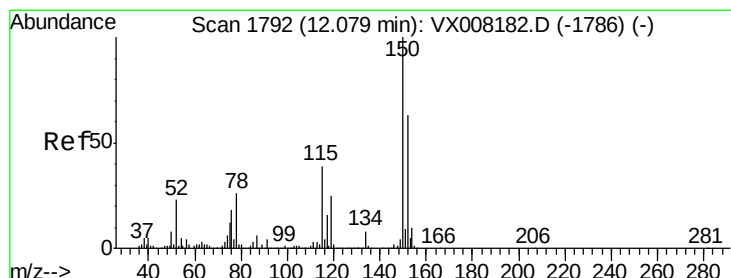
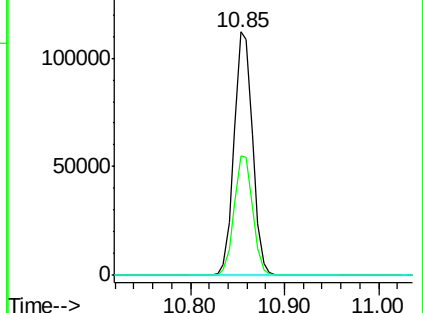
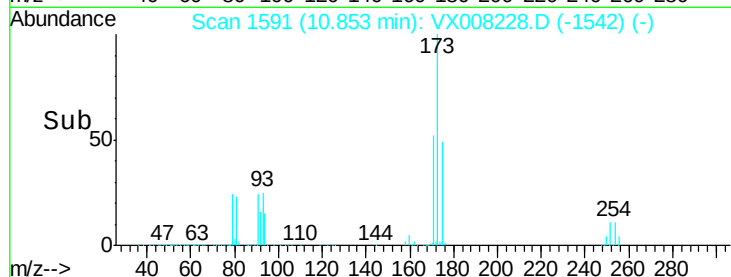
173 100

175 49.6 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

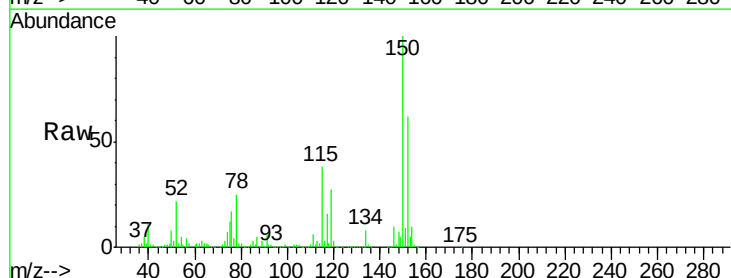
Tgt Ion:152 Resp: 197467

Ion Ratio Lower Upper

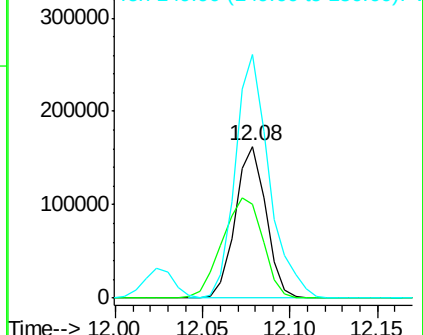
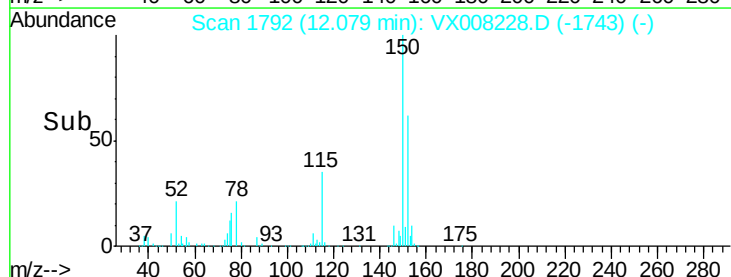
152 100

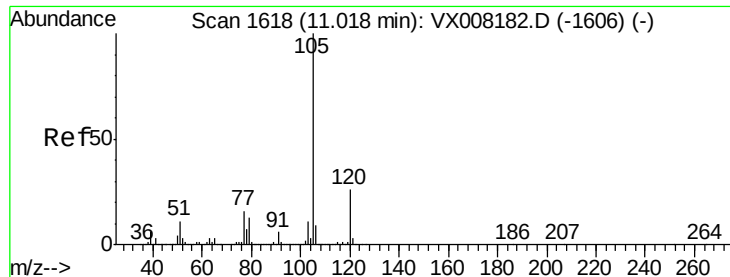
115 87.9 38.6 115.7

150 177.9 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: 50.208 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

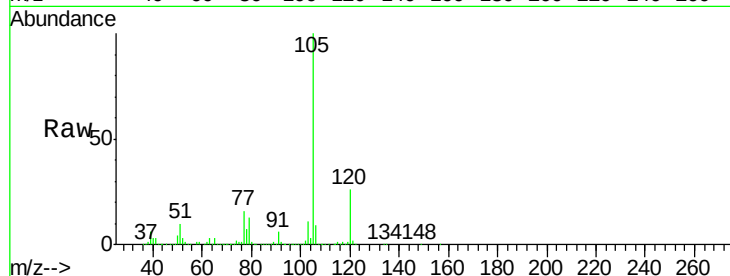
ClientSampleId :

Tot Ion:105 Resp: 883737

Ion Ratio Lower Upper

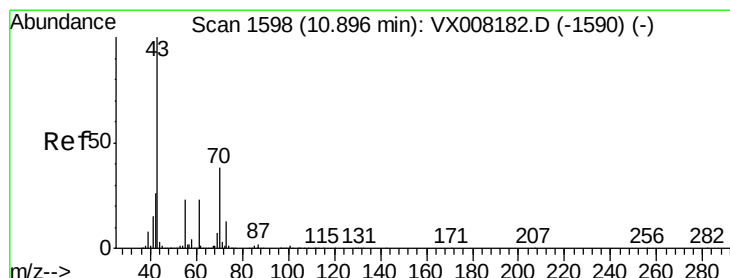
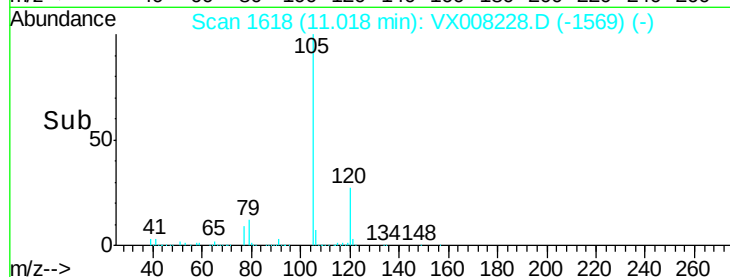
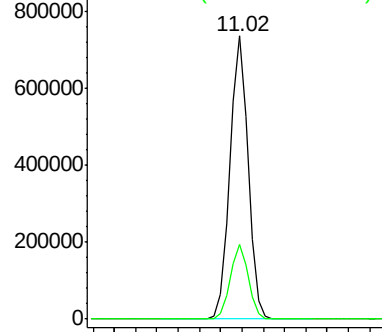
105 100

120 26.1 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-ethyl acetate

Concen: 52.745 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Tgt Ion: 43 Resp: 486403

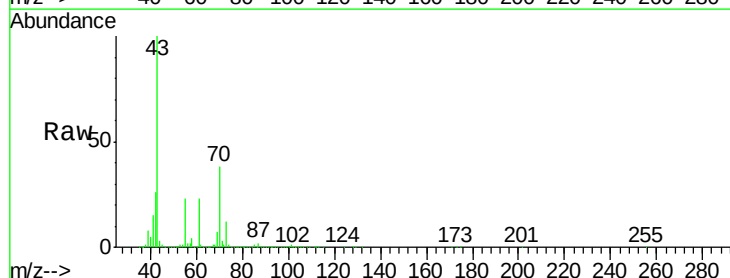
Ion Ratio Lower Upper

43 100

70 38.5 33.5 50.3

55 23.5 19.2 28.8

61 23.2 19.0 28.6

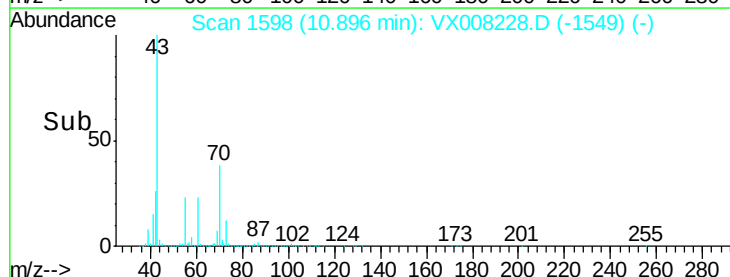
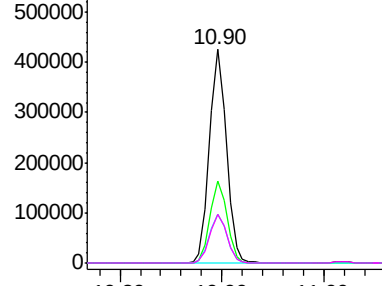


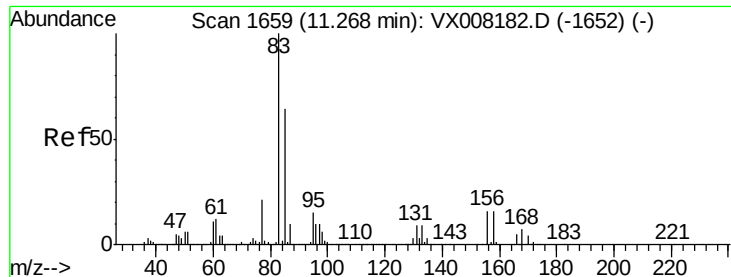
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.024 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

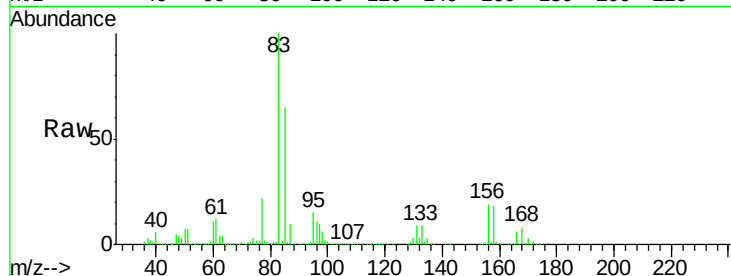
Tot Ion: 83 Resp: 315727

Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.4	16.2
85	64.6	32.3	96.8

83 100

131 9.4 5.4 16.2

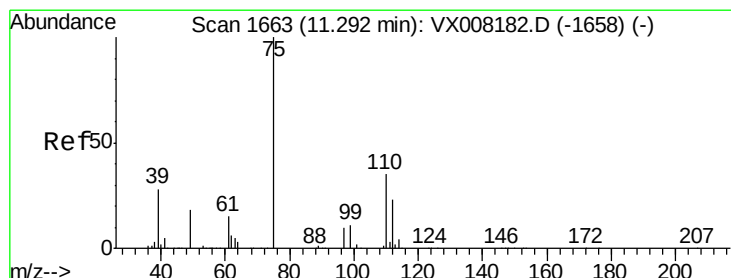
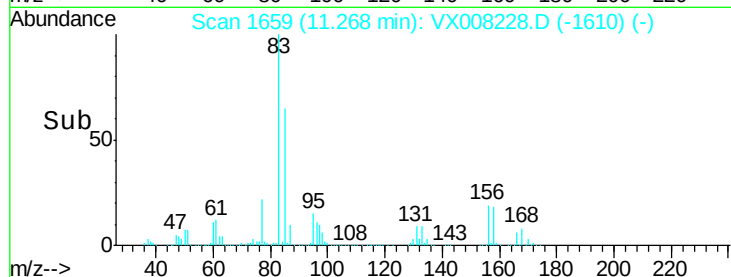
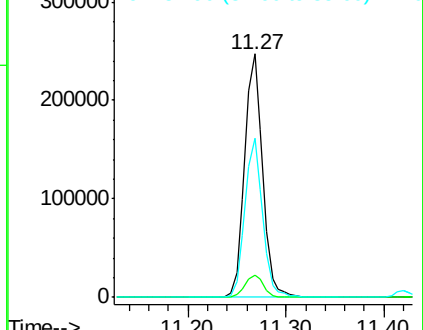
85 64.6 32.3 96.8



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: 67.961 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008228.D

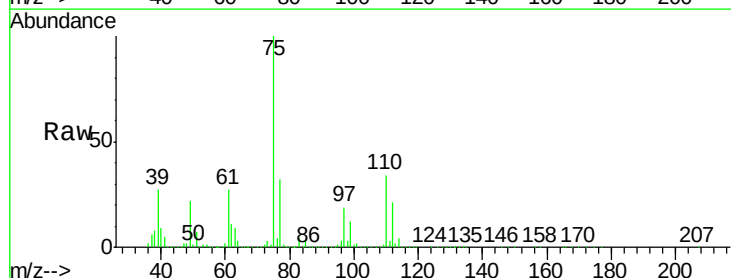
Acq: 20 Mar 2019 07:46

Tgt Ion: 75 Resp: 377455

Ion	Ratio	Lower	Upper
75	100		
77	32.3	18.9	56.7

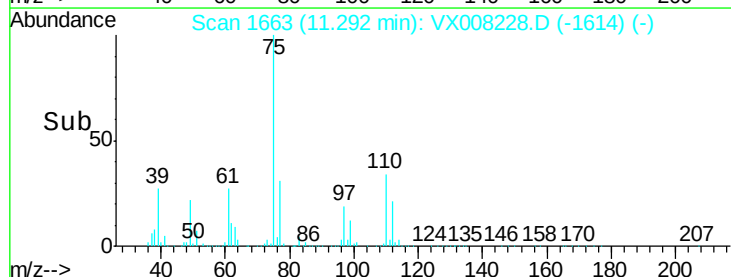
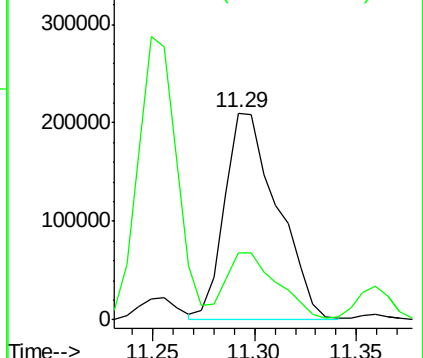
75 100

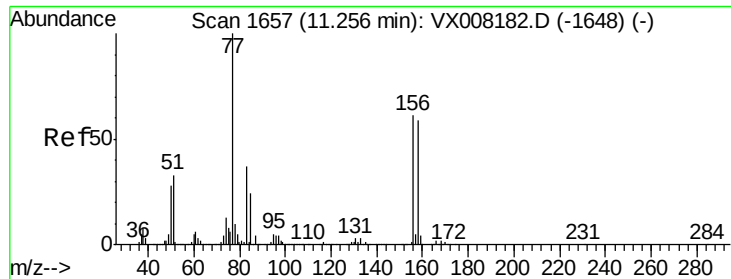
77 32.3 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.382 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

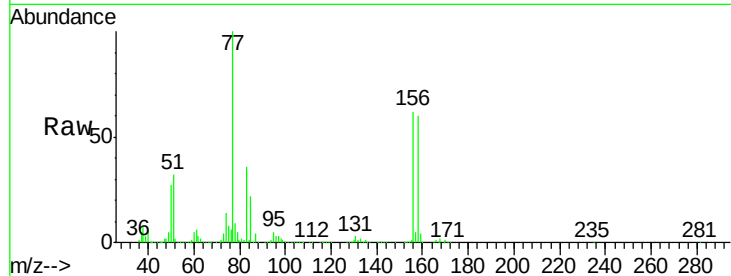
Tot Ion:156 Resp: 218664

Ion Ratio Lower Upper

156 100

77 172.2 72.0 215.9

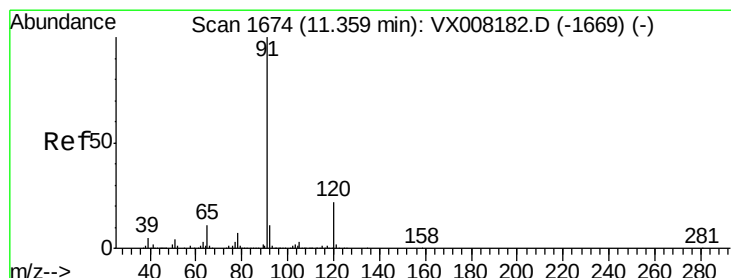
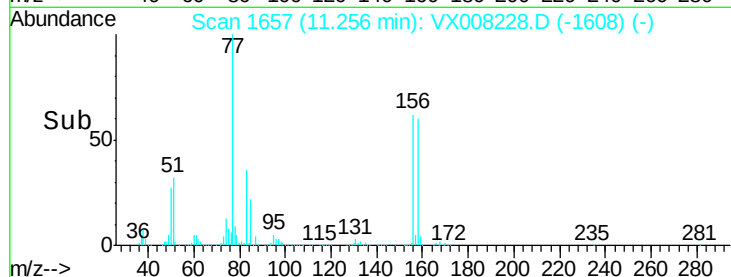
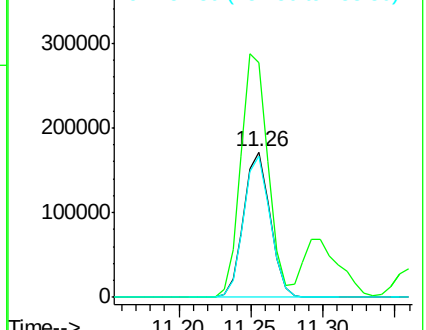
158 97.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.757 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008228.D

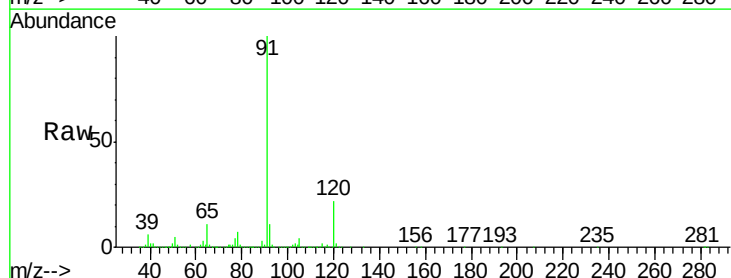
Acq: 20 Mar 2019 07:46

Tgt Ion: 91 Resp: 1017195

Ion Ratio Lower Upper

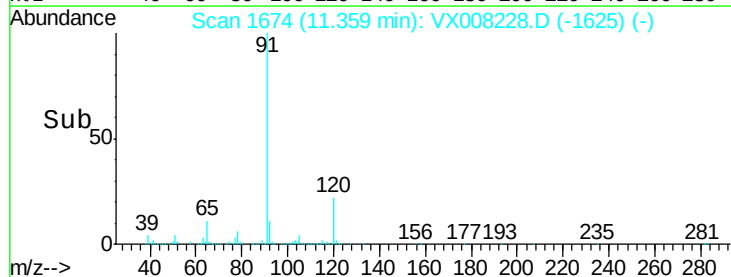
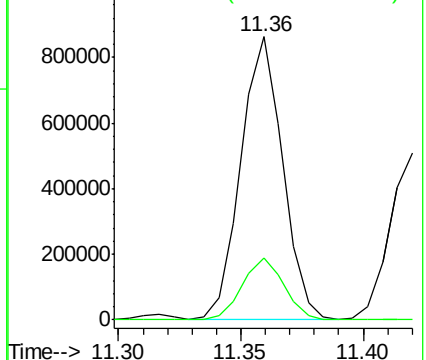
91 100

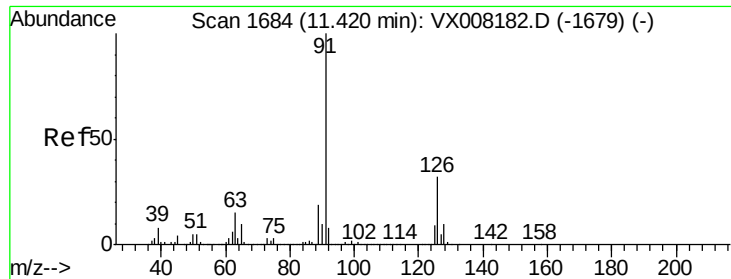
120 21.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

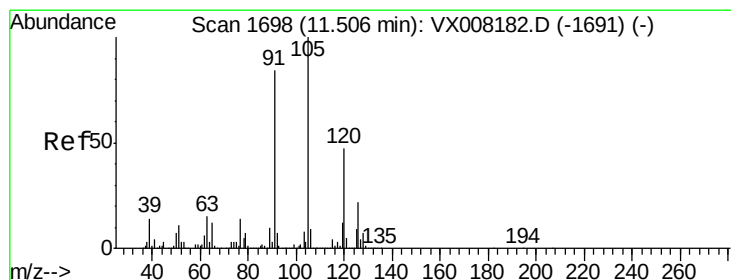
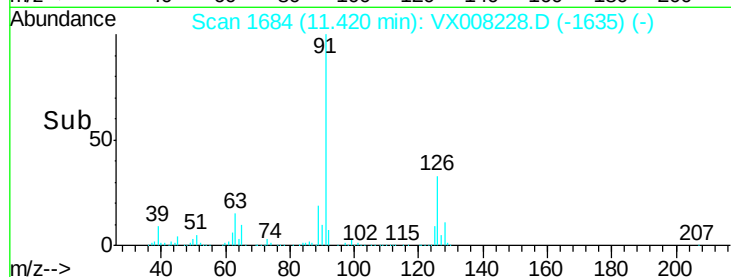
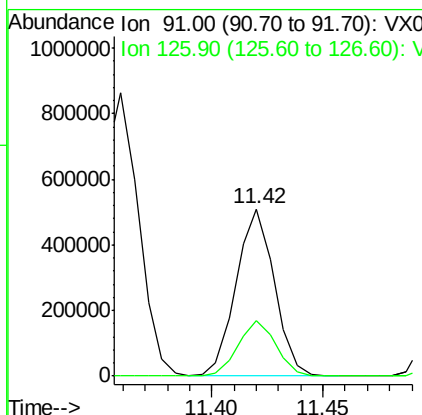
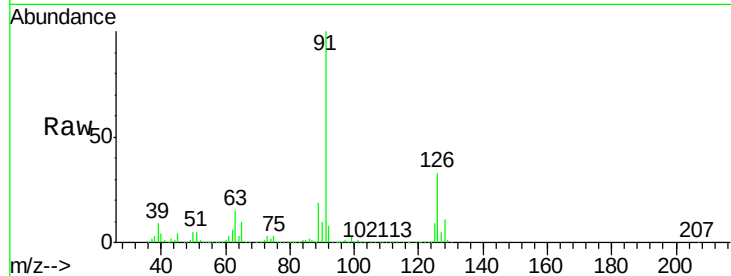




#79
 2-Chlorotoluene
 Concen: 49.635 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

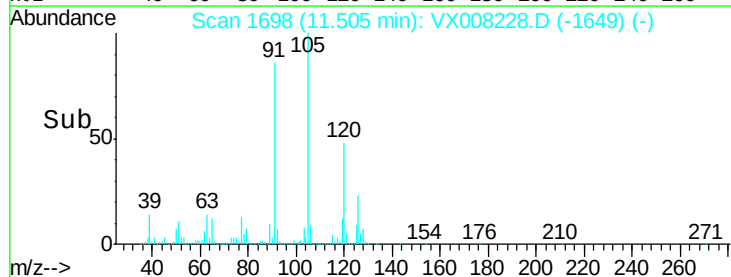
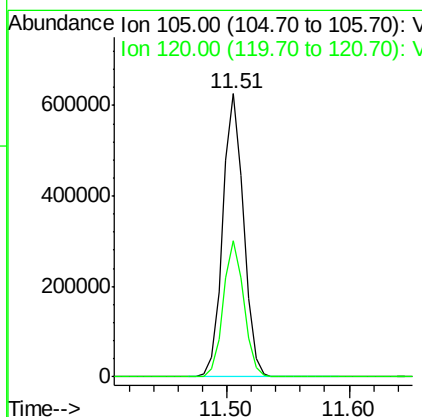
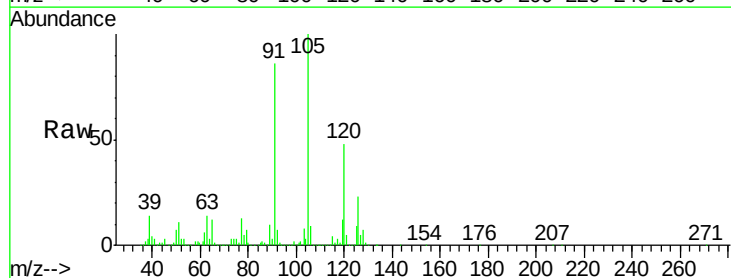
Instrument :
 MSVOA_X
 ClientSampleId :

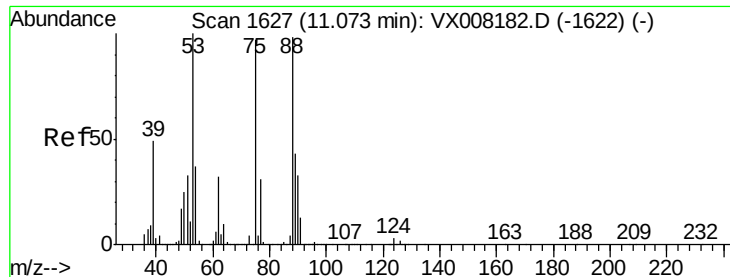
Tot Ion: 91 Resp: 609031
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 50.491 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion: 105 Resp: 734218
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 42.412 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampled :

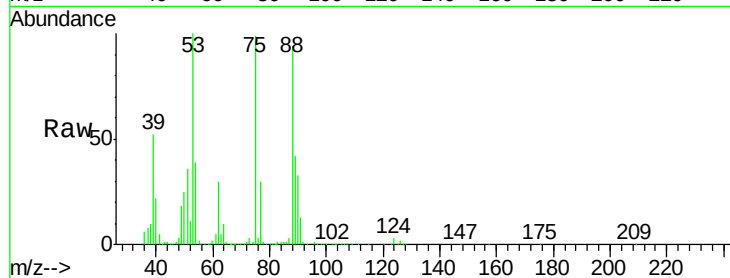
Tot Ion: 75 Resp: 91912

Ion Ratio Lower Upper

75 100

53 102.3 76.1 114.1

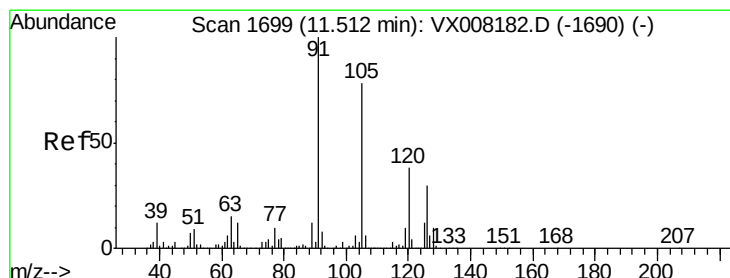
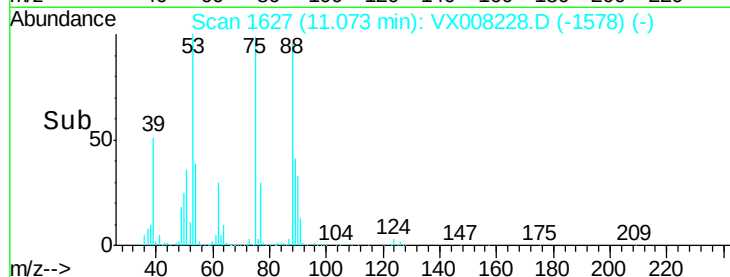
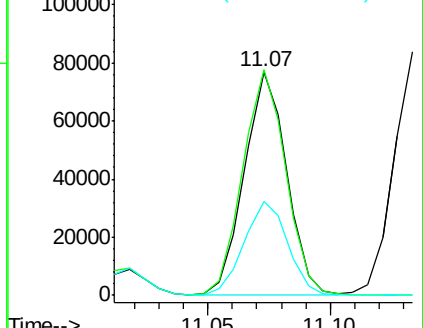
89 43.8 36.3 54.5



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: 49.725 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008228.D

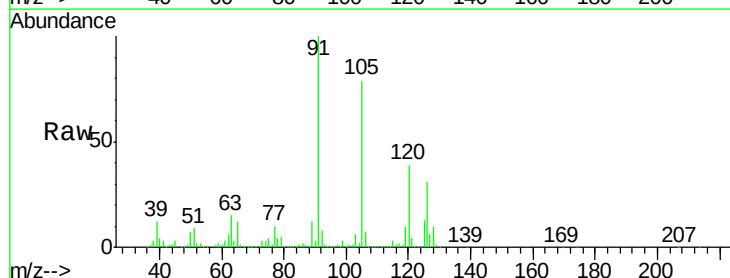
Acq: 20 Mar 2019 07:46

Tgt Ion: 91 Resp: 709996

Ion Ratio Lower Upper

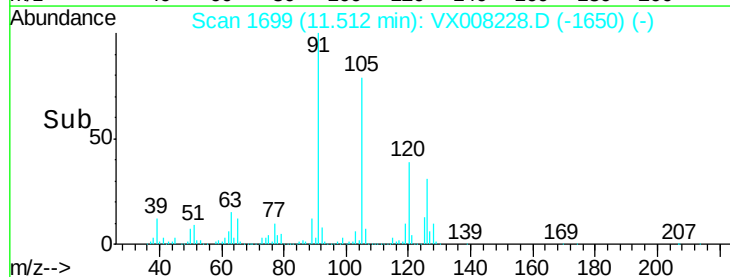
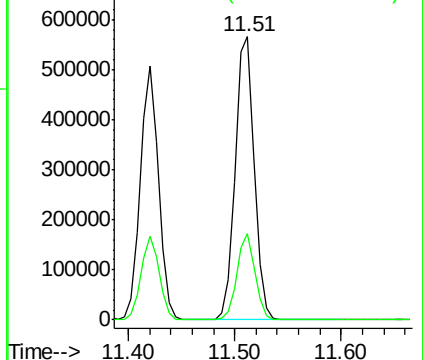
91 100

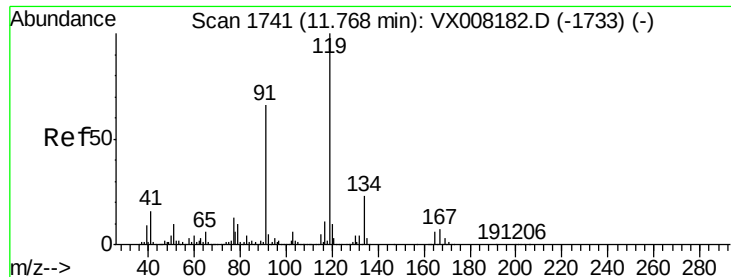
126 29.0 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.042 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

ClientSampleId :

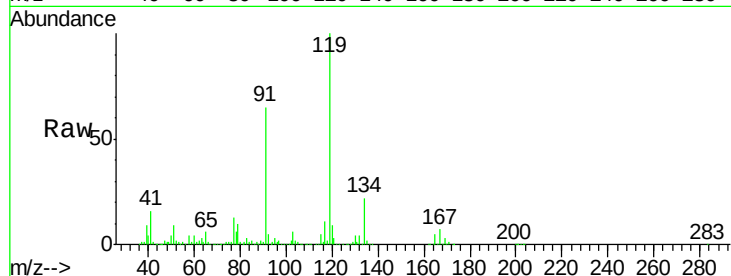
Tot Ion:119 Resp: 680861

Ion Ratio Lower Upper

119 100

91 61.8 27.1 81.3

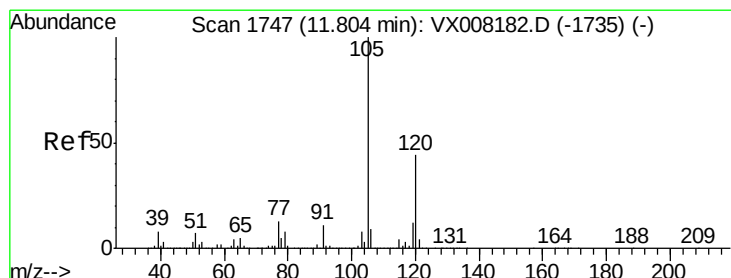
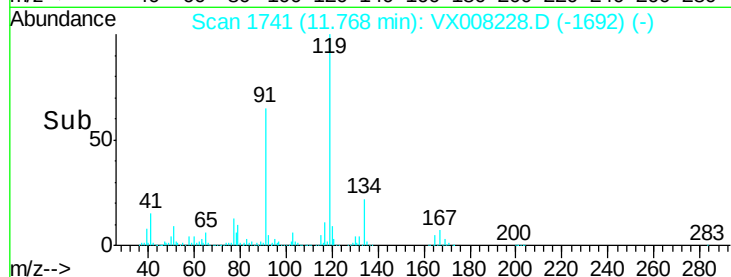
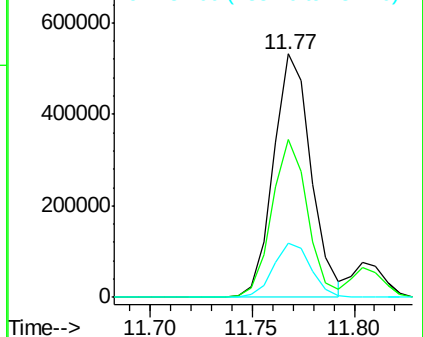
134 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.963 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008228.D

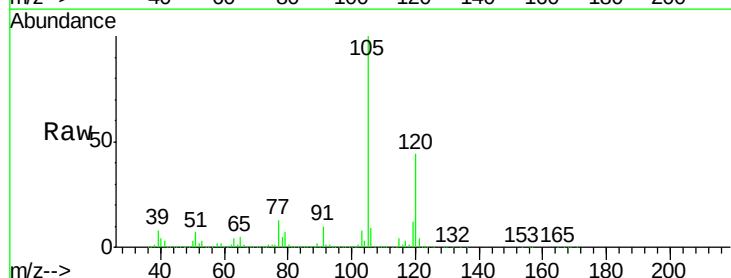
Acq: 20 Mar 2019 07:46

Tgt Ion:105 Resp: 751284

Ion Ratio Lower Upper

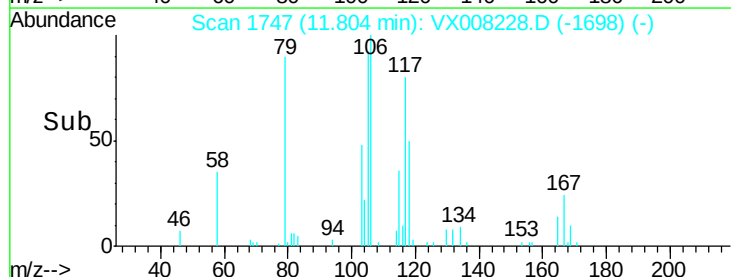
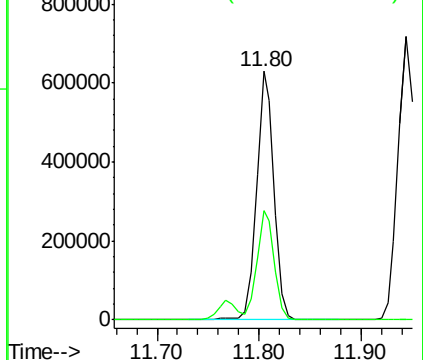
105 100

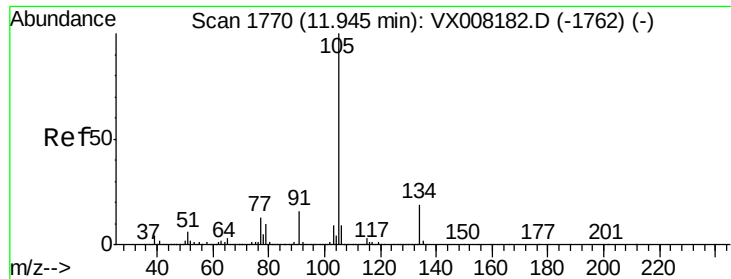
120 43.6 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.283 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

Instrument :

MSVOA_X

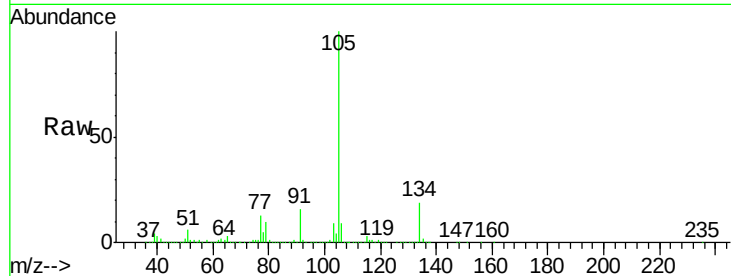
ClientSampleId :

Tot Ion:105 Resp: 847299

Ion Ratio Lower Upper

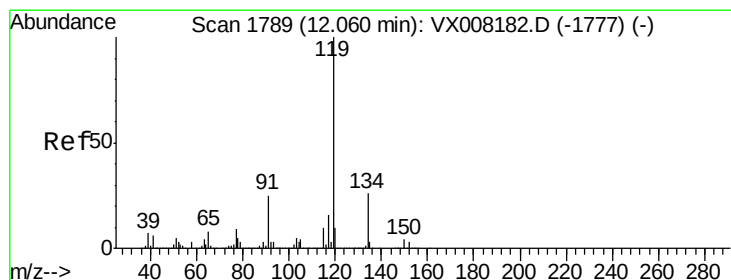
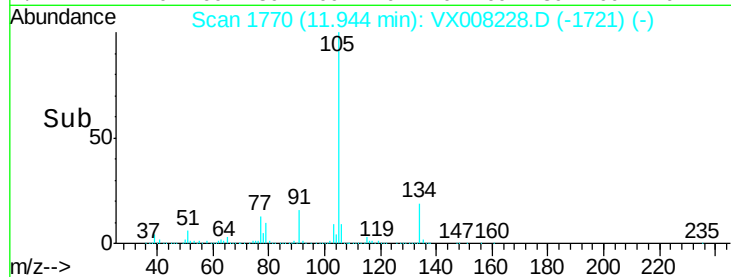
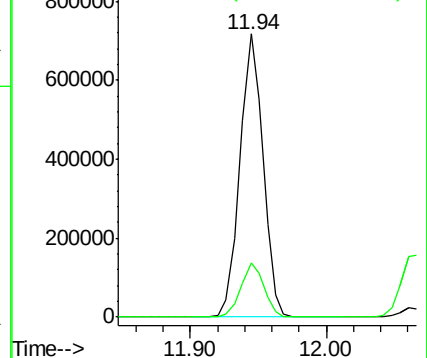
105 100

134 19.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.594 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008228.D

Acq: 20 Mar 2019 07:46

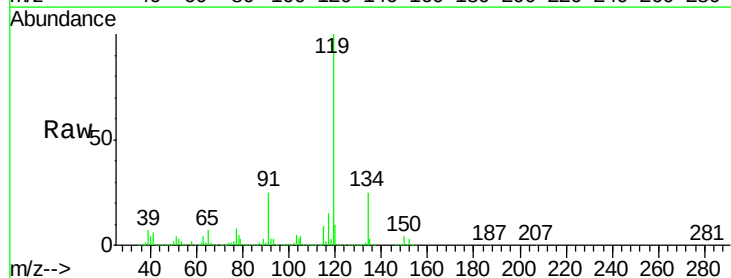
Tgt Ion:119 Resp: 738052

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

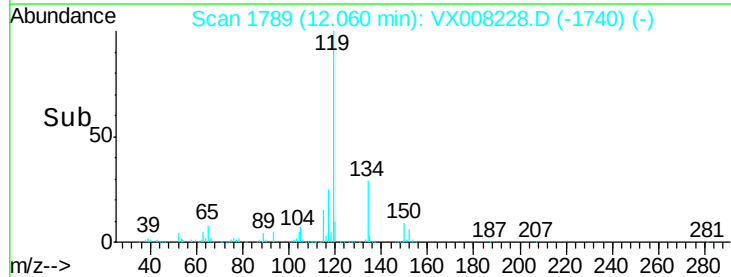
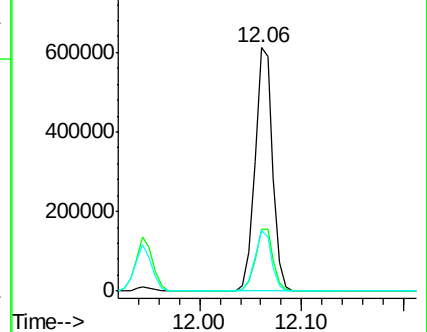
91 24.1 10.9 32.7

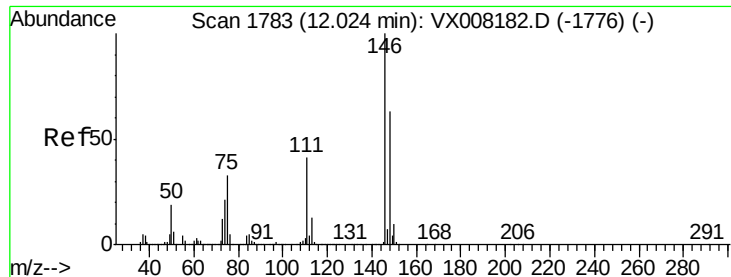


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

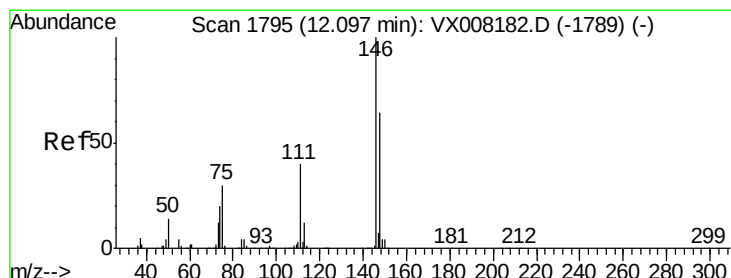
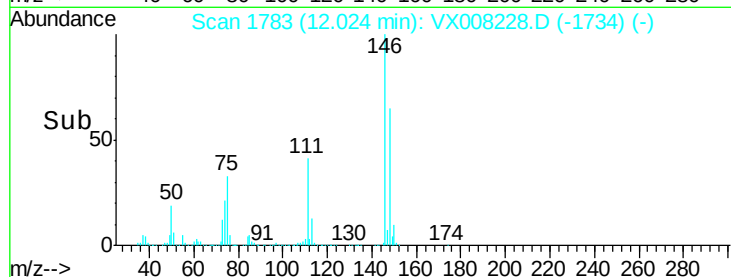
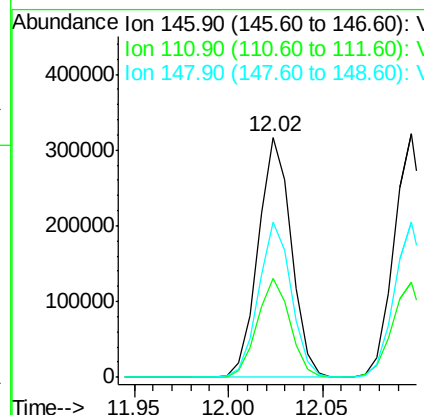
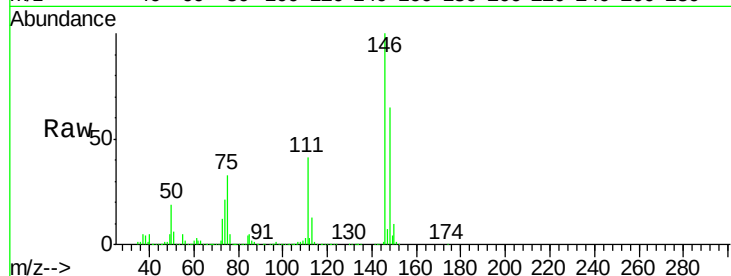




#87
 1,3-Dichlorobenzene
 Concen: 50.569 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

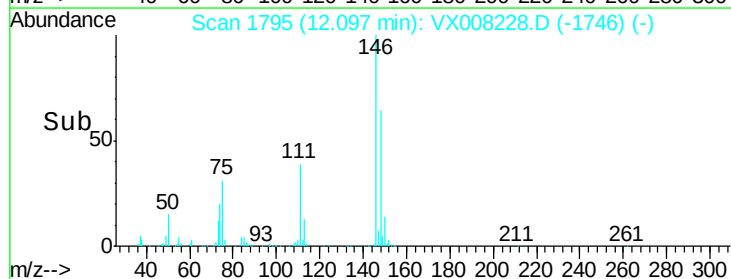
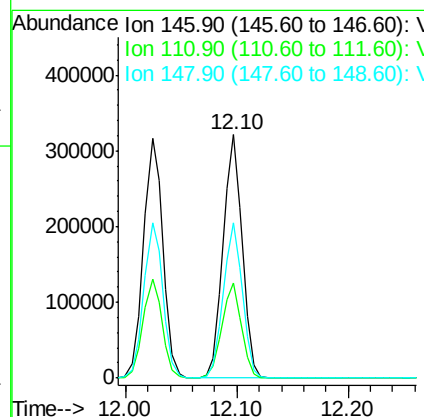
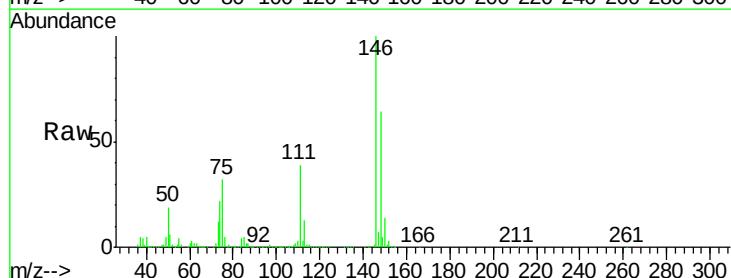
Instrument :
 MSVOA_X
 ClientSampleId :

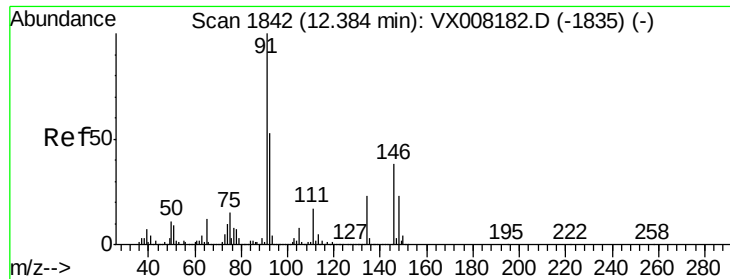
Tot Ion:146 Resp: 384599
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.9 56.7
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.571 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion:146 Resp: 382100
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.4 55.0
 148 63.6 32.2 96.6

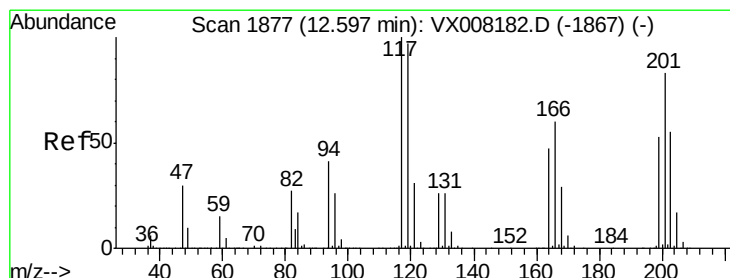
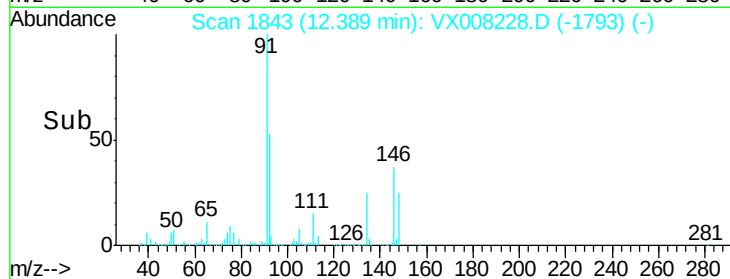
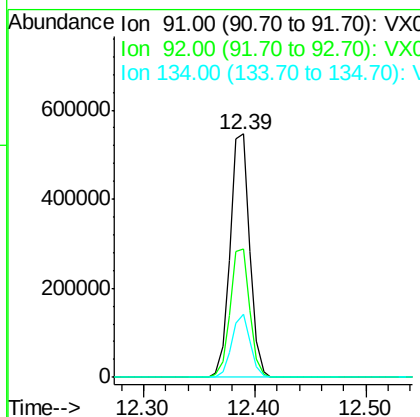
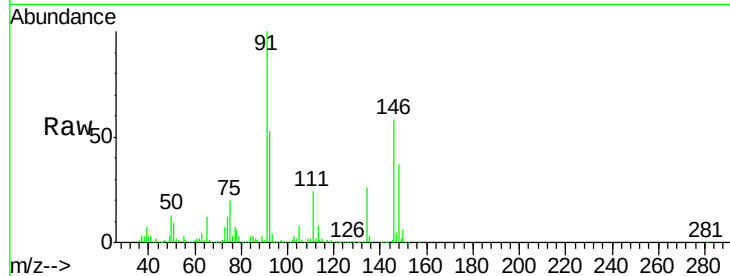




#89
n-Butylbenzene
Concen: 47.334 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

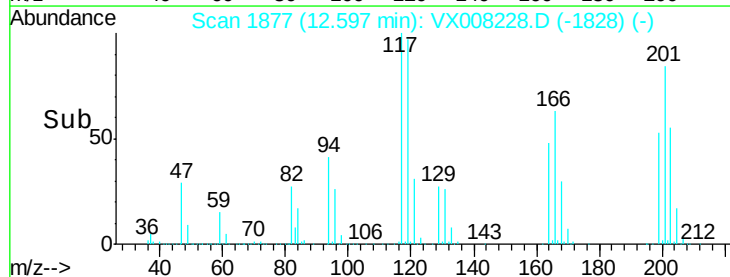
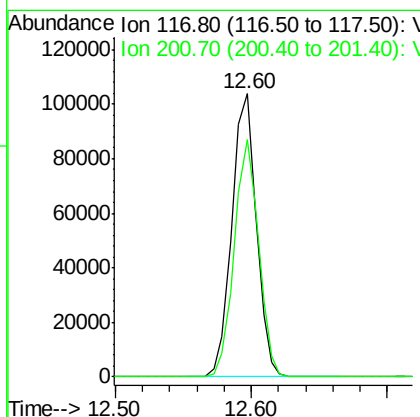
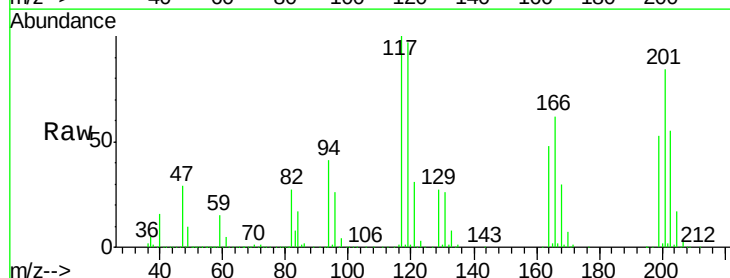
Instrument :
MSVOA_X
ClientSampleId :

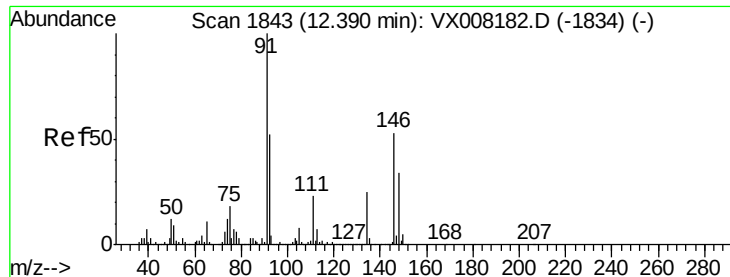
Tot Ion: 91 Resp: 661158
Ion Ratio Lower Upper
91 100
92 52.7 27.0 80.8
134 24.6 13.7 41.0



#90
Hexachloroethane
Concen: 51.447 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion: 117 Resp: 130396
Ion Ratio Lower Upper
117 100
201 83.3 48.9 146.7

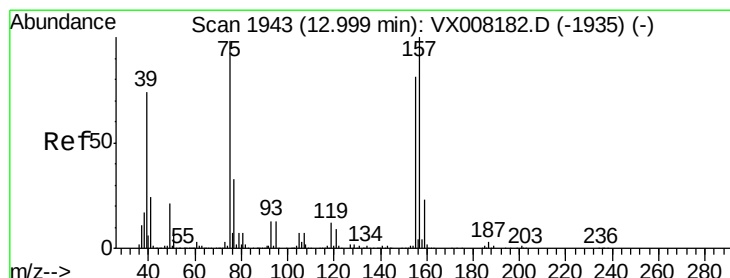
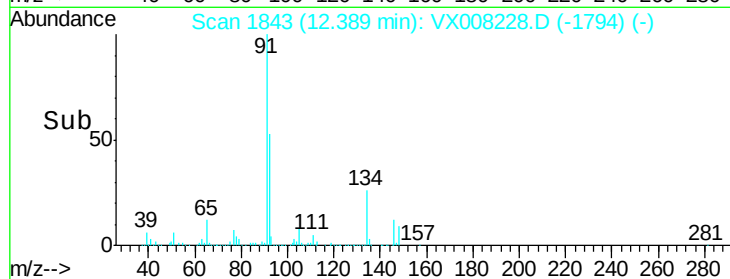
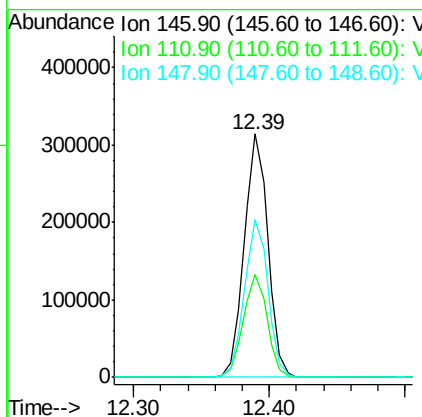
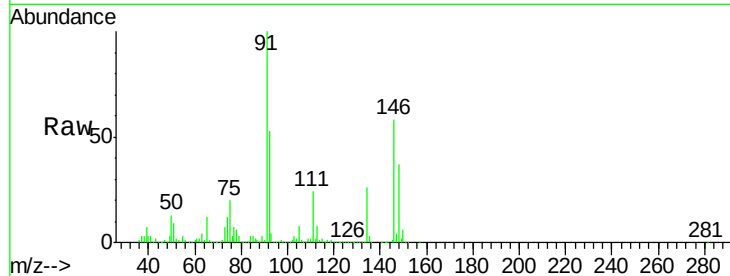




#91
 1,2-Dichlorobenzene
 Concen: 49.853 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

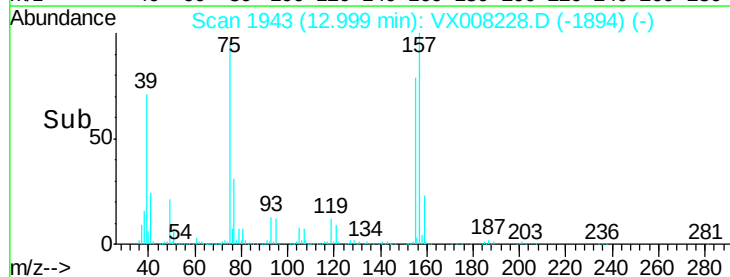
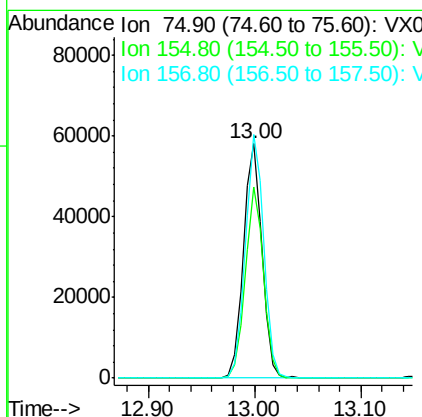
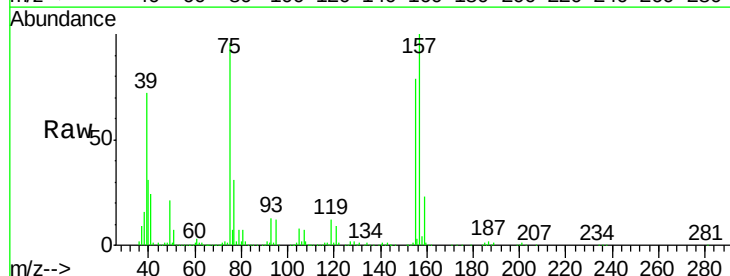
Instrument :
 MSVOA_X
 ClientSampleId :

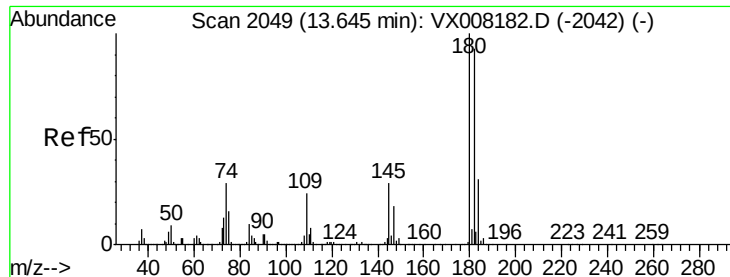
Tot Ion:146 Resp: 382301
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.6 58.8
 148 64.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.738 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion: 75 Resp: 71126
 Ion Ratio Lower Upper
 75 100
 155 80.2 49.7 149.1
 157 102.8 63.8 191.4

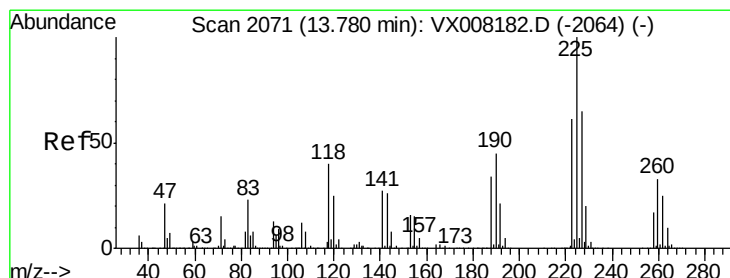
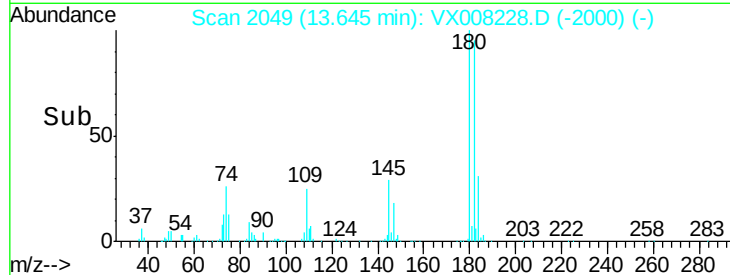
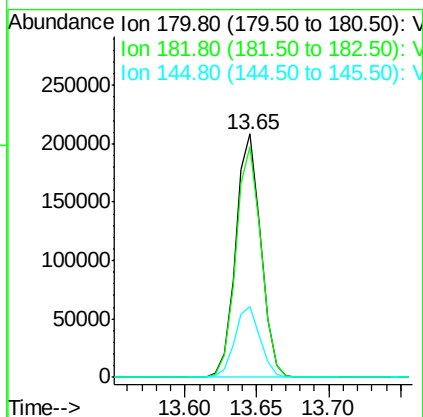
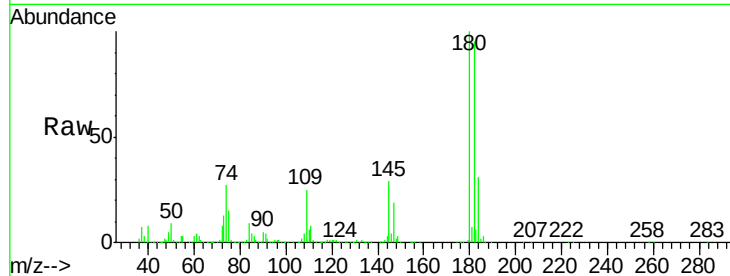




#93
 1,2,4-Trichlorobenzene
 Concen: 50.027 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

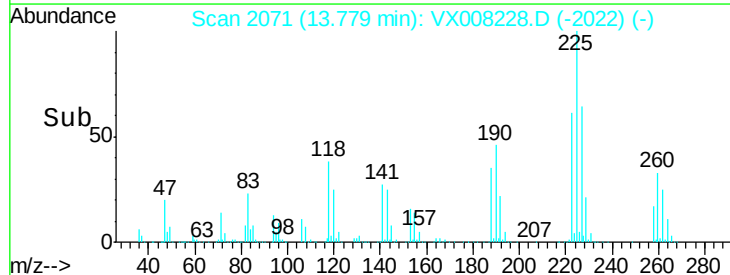
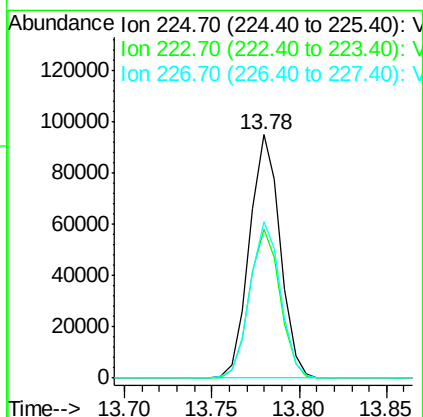
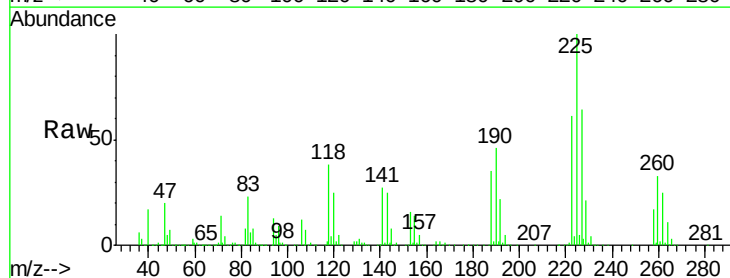
Instrument :
 MSVOA_X
 ClientSampled :

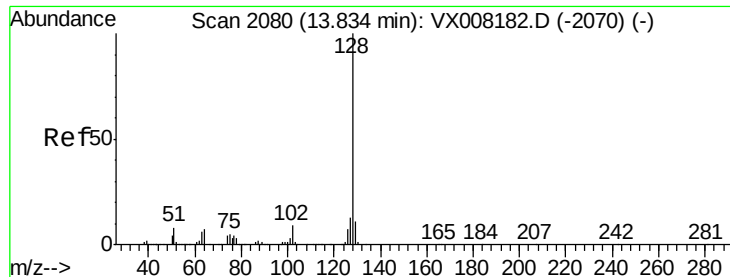
Tot Ion:180 Resp: 252693
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.7
 145 29.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.843 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008228.D
 Acq: 20 Mar 2019 07:46

Tgt Ion:225 Resp: 115398
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.1 93.2
 227 64.1 32.0 96.0

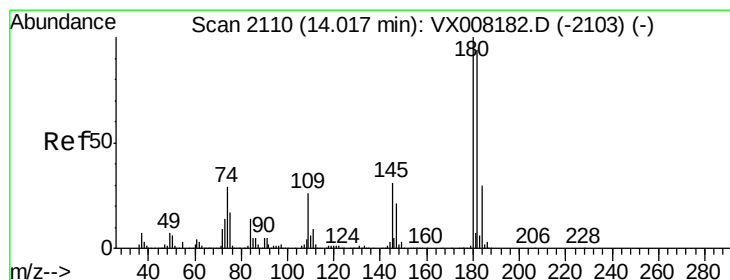
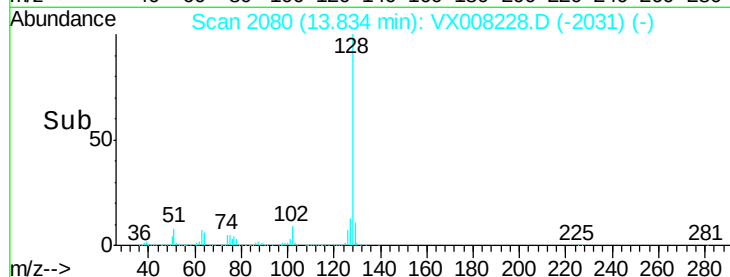
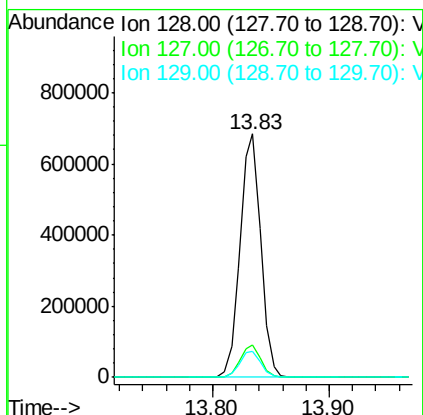
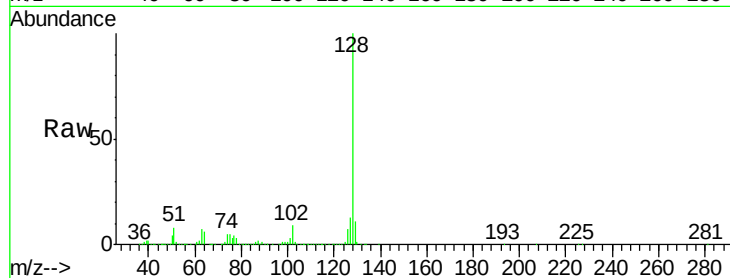




#95
Naphthalene
Concen: 53.229 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 848603
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.649 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008228.D
Acq: 20 Mar 2019 07:46

Tgt Ion:180 Resp: 256707
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 31.5 14.8 44.3

