

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011322.D
 Acq On : 05 Aug 2019 11:37
 Operator : JC/SP
 Sample : VX0805WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:36:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	214474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114068	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	84548	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	5.49	113	78306	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	8.71	98	293658	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.13	95	103868	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	23328	18.621	ug/l	97
3) Chloromethane	1.32	50	26212	18.632	ug/l	100
4) Vinyl Chloride	1.40	62	29285	18.924	ug/l	98
5) Bromomethane	1.63	94	21695	19.657	ug/l	94
6) Chloroethane	1.71	64	20766	20.110	ug/l	98
7) Trichlorofluoromethane	1.92	101	52890	19.222	ug/l	96
8) Diethyl Ether	2.18	74	17875	18.193	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28942	19.440	ug/l	97
10) Methyl Iodide	2.50	142	26604	14.174	ug/l	99
11) Tert butyl alcohol	3.03	59	31952	98.108	ug/l	99
12) 1,1-Dichloroethene	2.37	96	28119	19.053	ug/l	97
13) Acrolein	2.28	56	16312	80.295	ug/l	97
14) Allyl chloride	2.72	41	38997	19.821	ug/l	98
15) Acrylonitrile	3.13	53	75025	96.520	ug/l	100
16) Acetone	2.43	43	71815	92.366	ug/l	98
17) Carbon Disulfide	2.56	76	65807	19.002	ug/l	100
18) Methyl Acetate	2.76	43	33555	18.885	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	84145	19.348	ug/l	100
20) Methylene Chloride	2.85	84	30751	18.059	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	29788	19.081	ug/l	99
22) Diisopropyl ether	3.84	45	83054	19.207	ug/l	92
23) Vinyl Acetate	3.81	43	360551	100.532	ug/l	99
24) 1,1-Dichloroethane	3.68	63	49583	19.446	ug/l	98
25) 2-Butanone	4.66	43	104198	94.211	ug/l	98
26) 2,2-Dichloropropane	4.57	77	39389	19.873	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	34083	18.954	ug/l	99
28) Bromochloromethane	5.01	49	21861	18.807	ug/l	97
29) Tetrahydrofuran	5.12	42	64180	94.641	ug/l	99
30) Chloroform	5.20	83	53749	19.395	ug/l	99
31) Cyclohexane	5.57	56	39643	18.845	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	46455	19.569	ug/l	99
36) 1,1-Dichloropropene	5.79	75	38531	19.095	ug/l	100
37) Ethyl Acetate	4.82	43	39148	19.341	ug/l	98
38) Carbon Tetrachloride	5.77	117	39980	19.694	ug/l	98

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 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:36:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44750	18.709	ug/l	98
40) Benzene	6.13	78	118105	19.614	ug/l	96
41) Methacrylonitrile	5.03	41	19805	17.917	ug/l	94
42) 1,2-Dichloroethane	6.18	62	41054	20.163	ug/l	97
43) Isopropyl Acetate	6.43	43	61510	19.008	ug/l	99
44) Trichloroethene	7.21	130	34045	18.679	ug/l	99
45) 1,2-Dichloropropane	7.51	63	29773	19.092	ug/l	97
46) Dibromomethane	7.66	93	21919	19.254	ug/l	98
47) Bromodichloromethane	7.89	83	38606	20.030	ug/l	97
48) Methyl methacrylate	7.76	41	28460	18.688	ug/l	98
49) 1,4-Dioxane	7.73	88	16042	363.348	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	204430	97.888	ug/l	100
52) Toluene	8.78	92	77951	19.580	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	40340	19.790	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	44915	19.949	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	31916	19.498	ug/l	96
56) Ethyl methacrylate	9.17	69	44672	19.151	ug/l	99
57) 1,3-Dichloropropane	9.37	76	50116	19.359	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	106119	92.523	ug/l	99
59) 2-Hexanone	9.49	43	160132	98.994	ug/l	98
60) Dibromochloromethane	9.58	129	33447	19.958	ug/l	100
61) 1,2-Dibromoethane	9.66	107	34740	19.644	ug/l	98
64) Tetrachloroethene	9.33	164	35215	19.334	ug/l	96
65) Chlorobenzene	10.13	112	87502	19.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	31854	20.233	ug/l	99
67) Ethyl Benzene	10.25	91	148477	19.279	ug/l	100
68) m/p-Xylenes	10.35	106	117012	39.280	ug/l	100
69) o-Xylene	10.69	106	55991	19.130	ug/l	99
70) Styrene	10.71	104	94772	19.569	ug/l	99
71) Bromoform	10.85	173	24208	19.058	ug/l #	98
73) Isopropylbenzene	11.01	105	152202	19.509	ug/l	100
74) N-amyl acetate	10.90	43	55503	19.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	50087	19.266	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	51020	24.561	ug/l	86
77) Bromobenzene	11.25	156	40899	18.906	ug/l	98
78) n-propylbenzene	11.35	91	170039	19.599	ug/l	100
79) 2-Chlorotoluene	11.42	91	99865	19.313	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	126669	19.396	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	13242	20.008	ug/l	96
82) 4-Chlorotoluene	11.51	91	113144	18.775	ug/l	99
83) tert-Butylbenzene	11.77	119	124794	19.484	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	125746	19.339	ug/l	98
85) sec-Butylbenzene	11.94	105	148044	19.238	ug/l	99
86) p-Isopropyltoluene	12.06	119	139072	19.644	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74049	19.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74797	18.977	ug/l	99
89) n-Butylbenzene	12.38	91	116741	19.140	ug/l	100
90) Hexachloroethane	12.59	117	20349	19.442	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	73966	19.259	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9812	19.480	ug/l	97

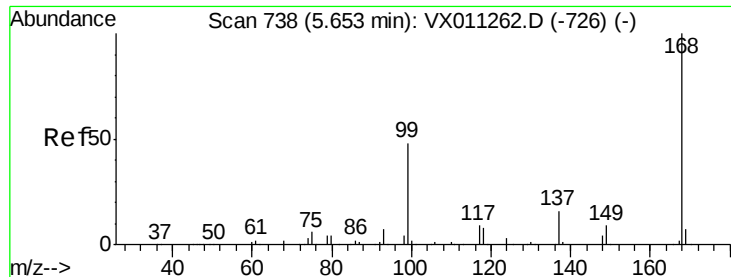
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48359	18.986	ug/l	99
94) Hexachlorobutadiene	13.78	225	25898	20.041	ug/l	98
95) Naphthalene	13.83	128	141575	19.007	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48736	18.822	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

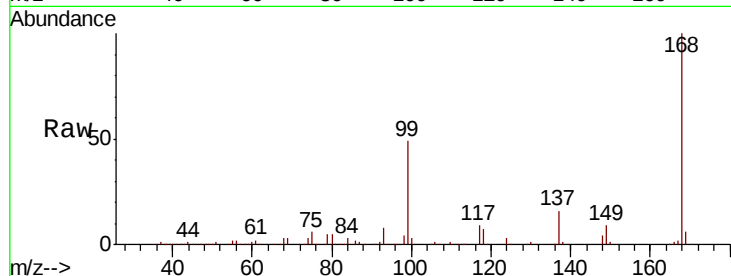
ClientSampleId :

Tot Ion:168 Resp: 162204

Ion Ratio Lower Upper

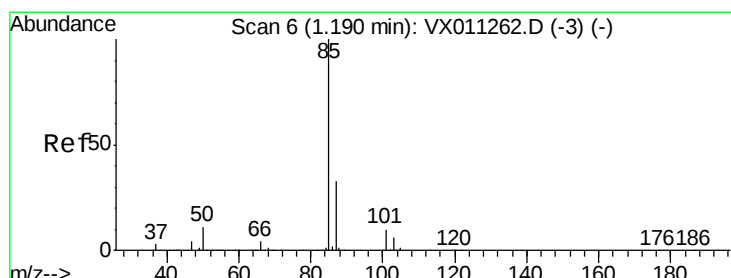
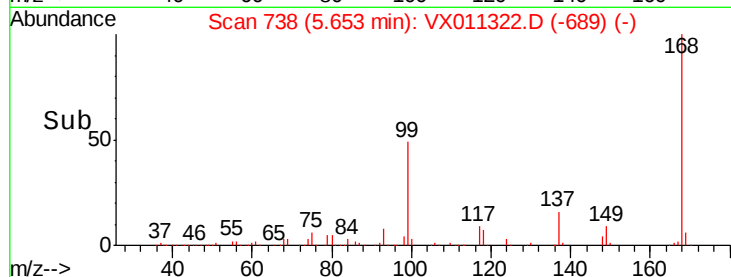
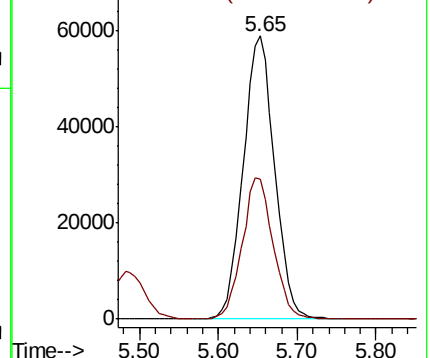
168 100

99 49.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.621 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011322.D

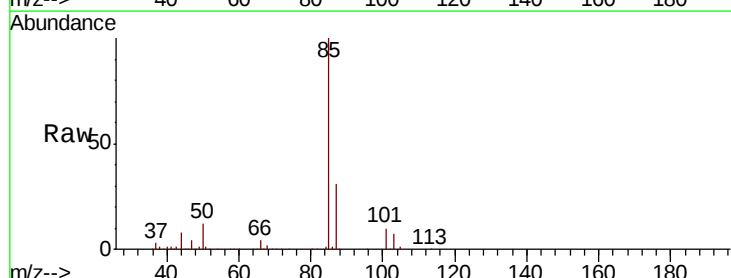
Acq: 05 Aug 2019 11:37

Tgt Ion: 85 Resp: 23328

Ion Ratio Lower Upper

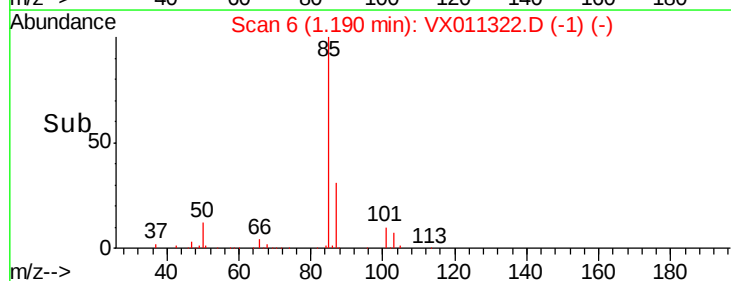
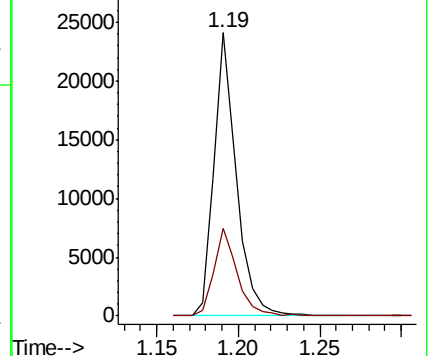
85 100

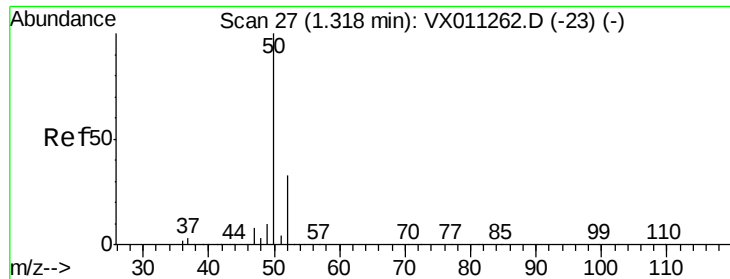
87 30.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.632 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

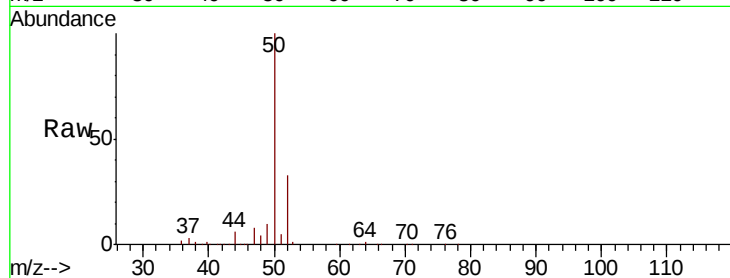
ClientSampled :

Tot Ion: 50 Resp: 26212

Ion Ratio Lower Upper

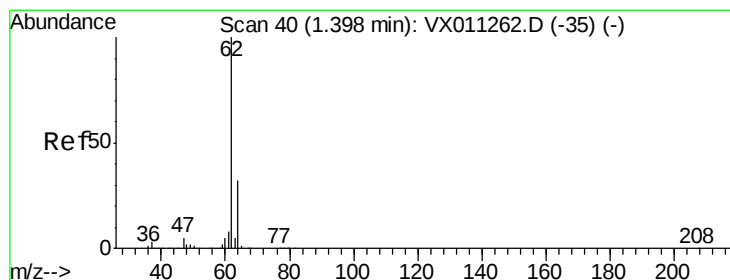
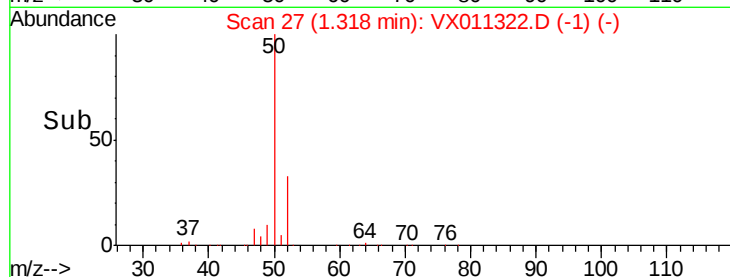
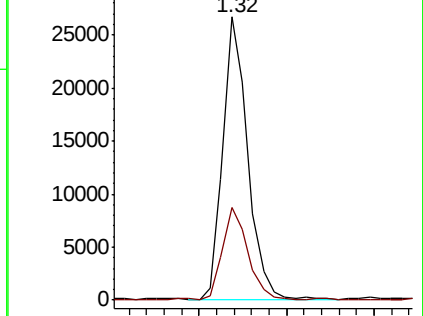
50 100

52 32.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.924 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011322.D

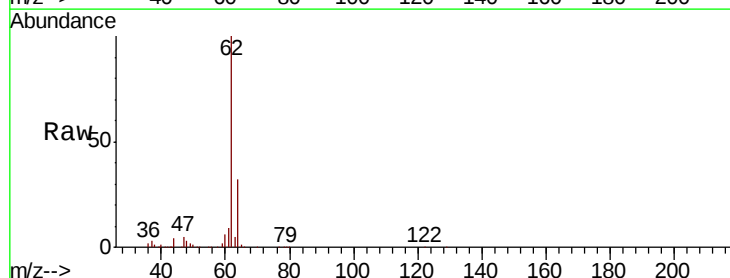
Acq: 05 Aug 2019 11:37

Tgt Ion: 62 Resp: 29285

Ion Ratio Lower Upper

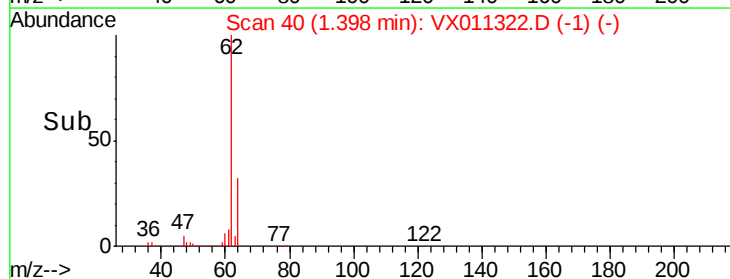
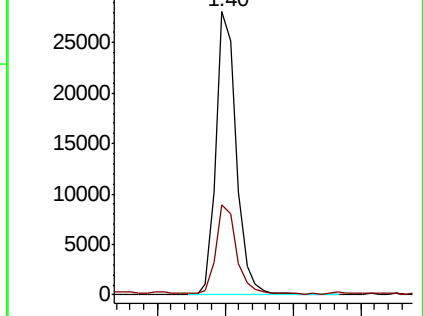
62 100

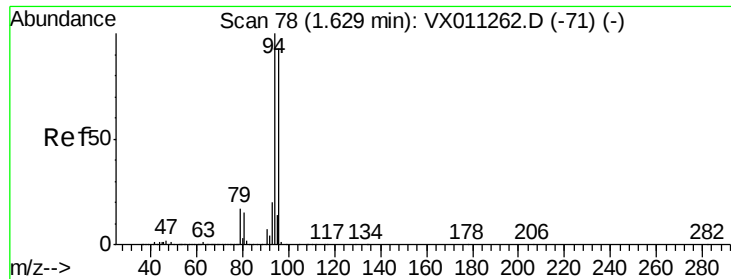
64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.657 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

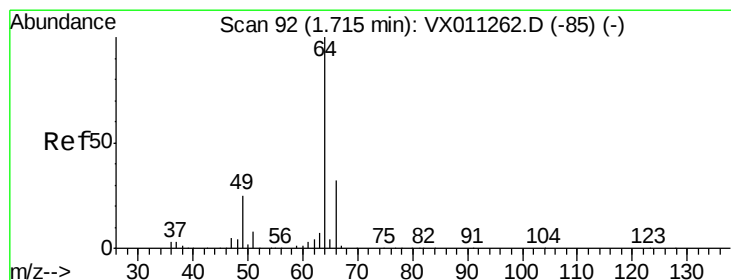
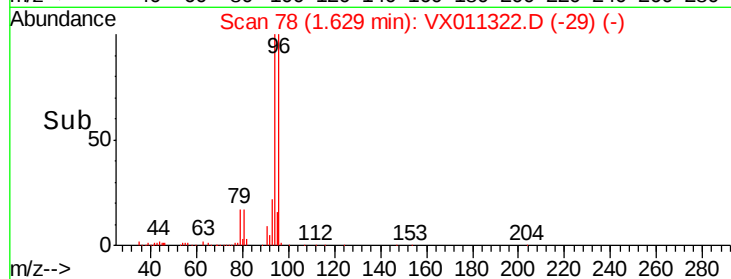
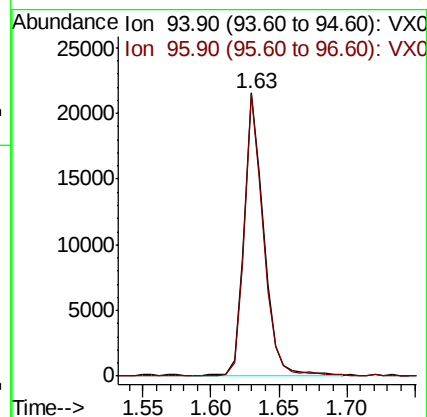
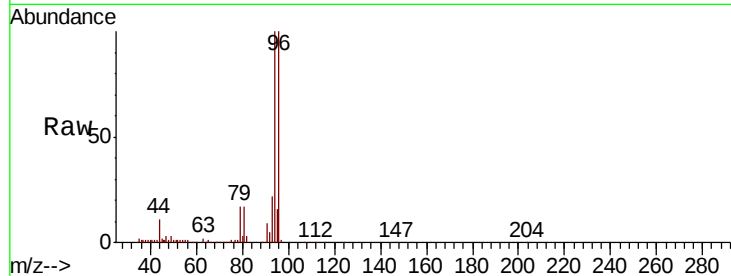
ClientSampleId :

Tot Ion: 94 Resp: 21695

Ion Ratio Lower Upper

94 100

96 99.5 74.6 112.0



#6

Chloroethane

Concen: 20.110 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011322.D

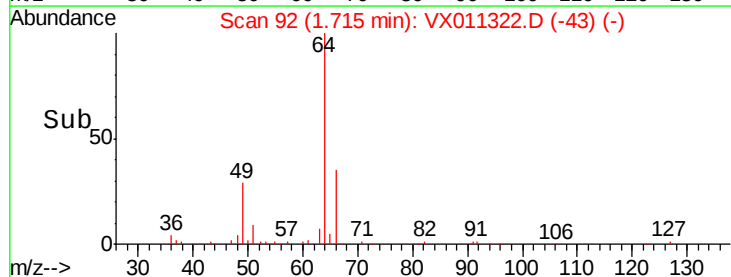
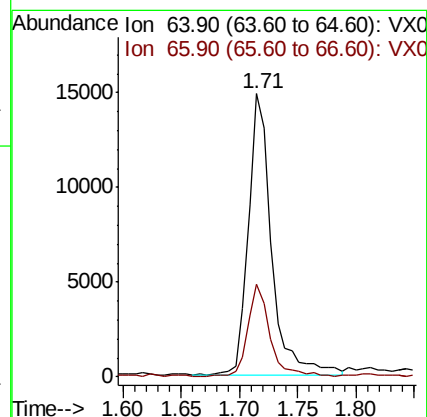
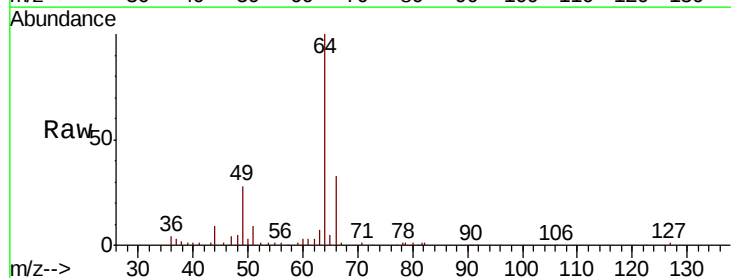
Acq: 05 Aug 2019 11:37

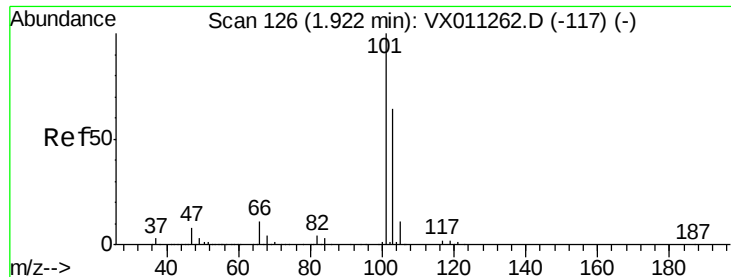
Tgt Ion: 64 Resp: 20766

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7



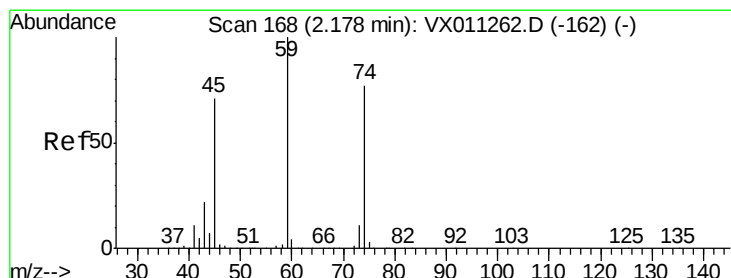
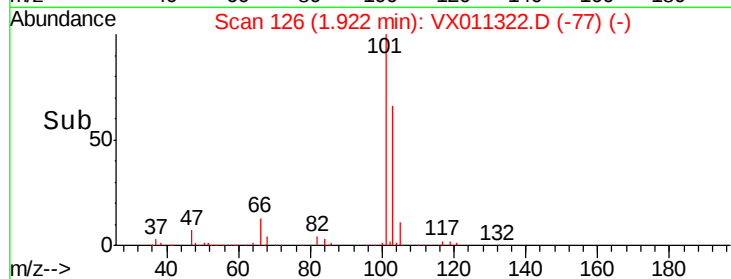
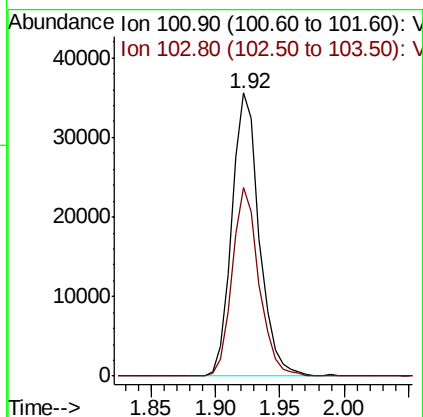
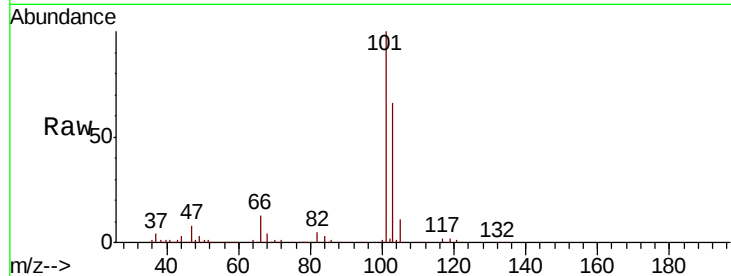


#7

Trichlorofluoromethane
Concen: 19.222 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :

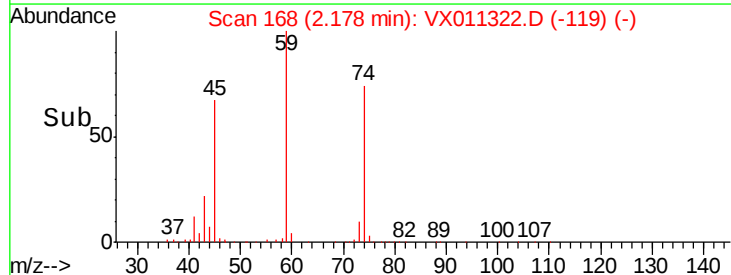
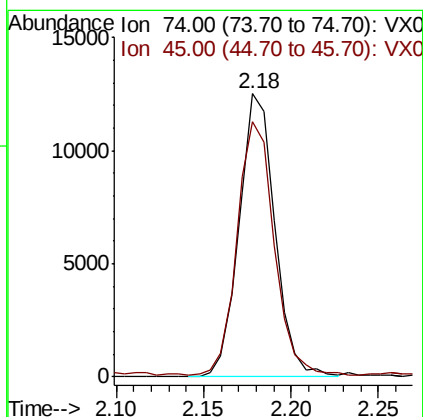
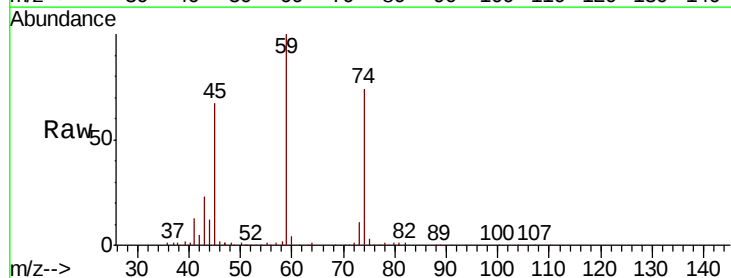
Tot Ion:101 Resp: 52890
Ion Ratio Lower Upper
101 100
103 66.4 50.9 76.3



#8

Diethyl Ether
Concen: 18.193 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion: 74 Resp: 17875
Ion Ratio Lower Upper
74 100
45 93.2 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.440 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

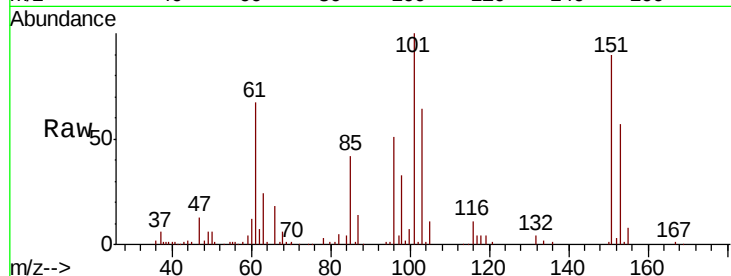
Tot Ion:101 Resp: 28942

Ion Ratio Lower Upper

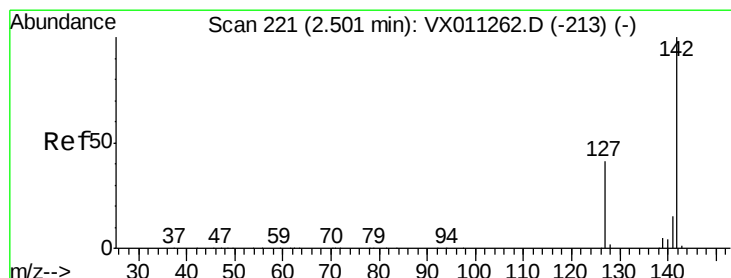
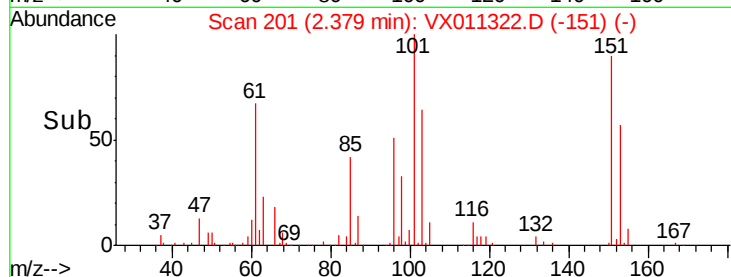
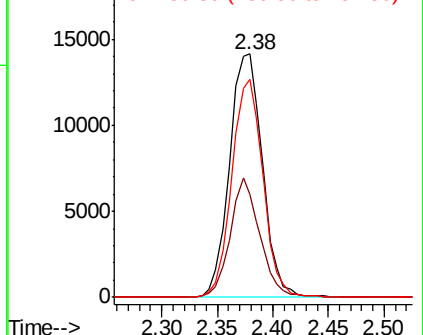
101 100

85 44.2 33.8 50.6

151 84.9 69.5 104.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.174 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

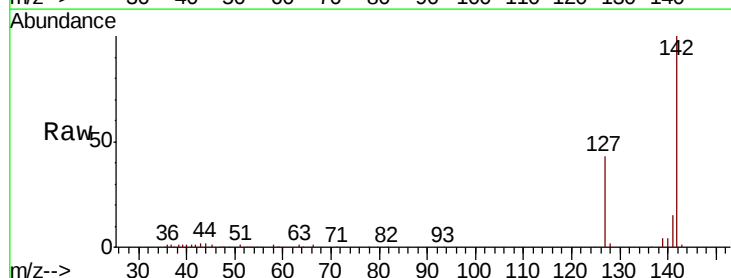
Tgt Ion:142 Resp: 26604

Ion Ratio Lower Upper

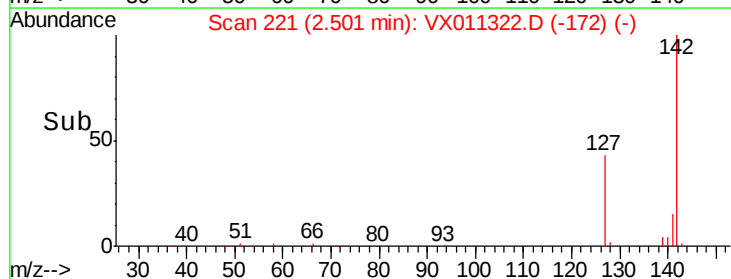
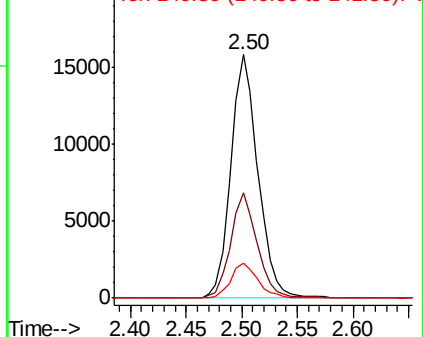
142 100

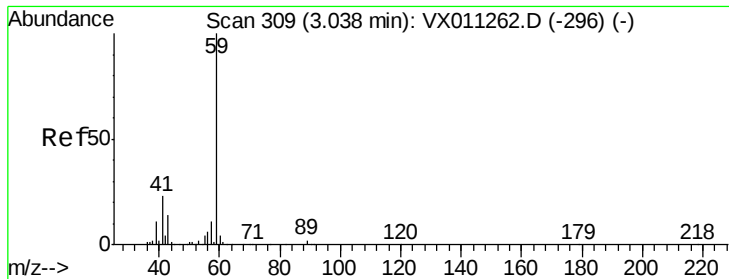
127 42.6 33.8 50.8

141 14.6 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

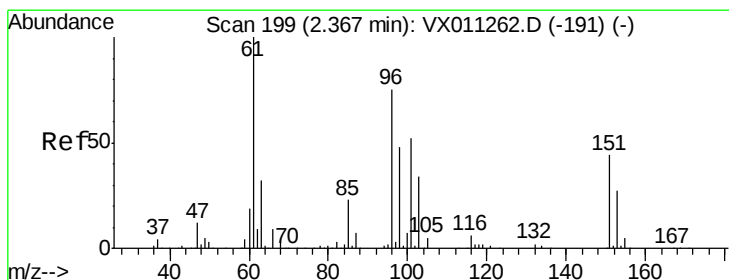
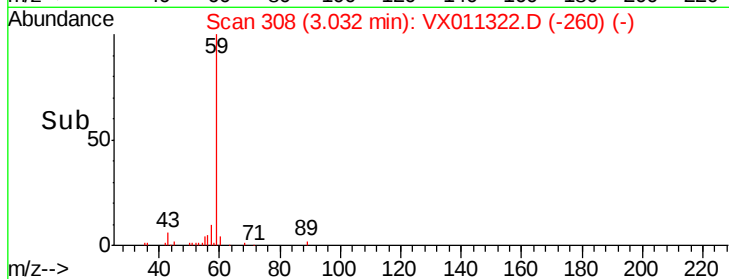
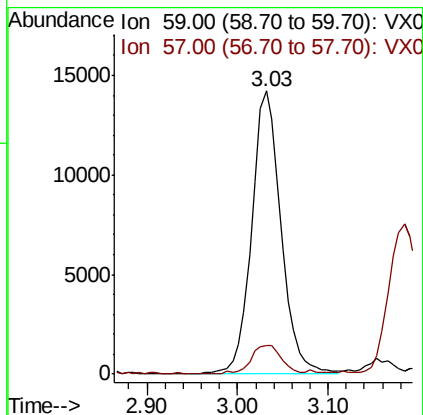
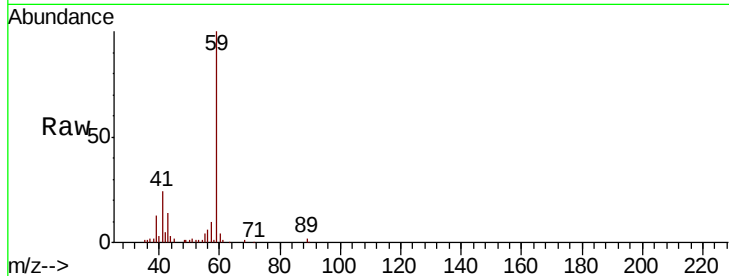




#11
Tert butyl alcohol
Concen: 98.108 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

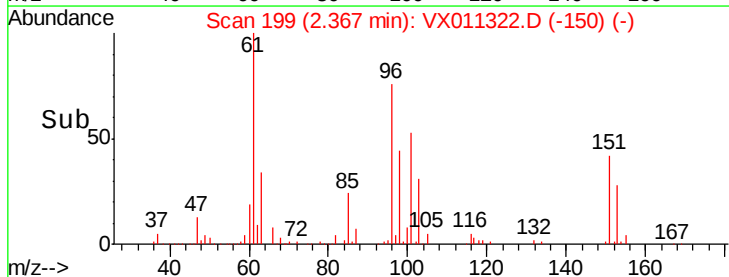
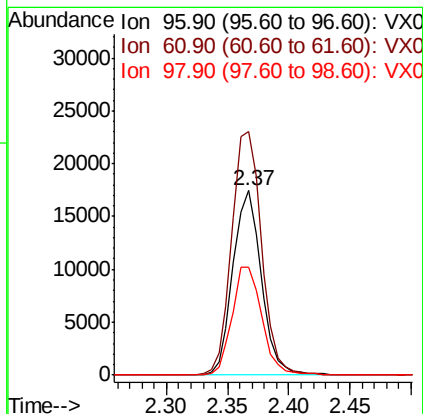
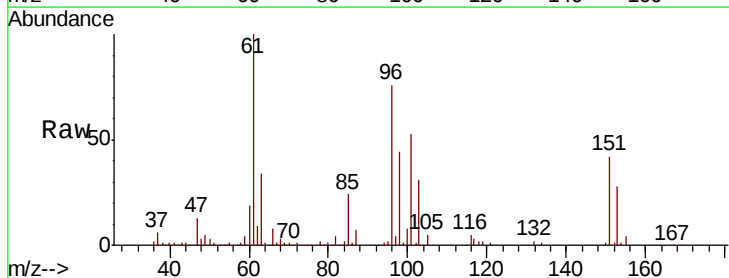
Instrument :
MSVOA_X
ClientSampleId :

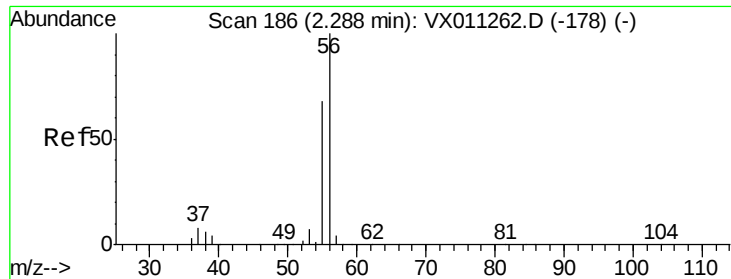
Tot Ion: 59 Resp: 31952
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.053 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion: 96 Resp: 28119
Ion Ratio Lower Upper
96 100
61 131.5 106.2 159.2
98 58.1 50.6 75.8





#13

Acrolein

Concen: 80.295 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

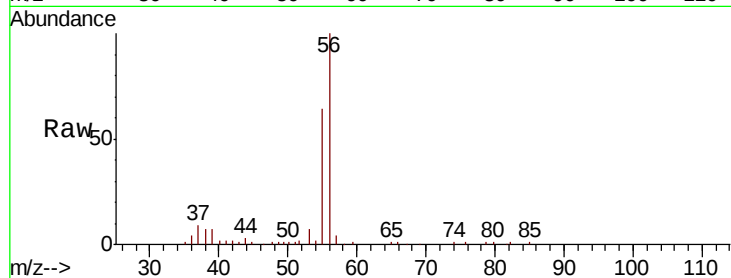
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 16312

Ion Ratio Lower Upper

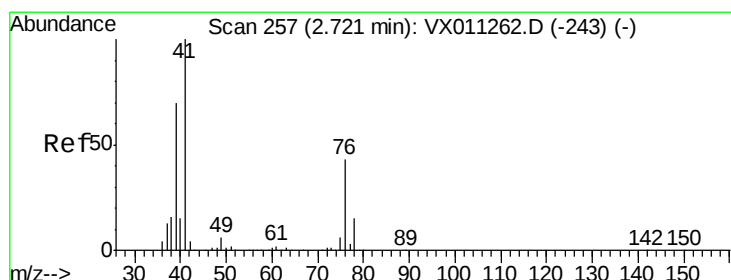
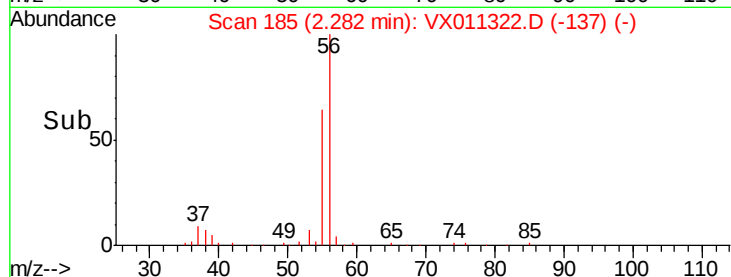
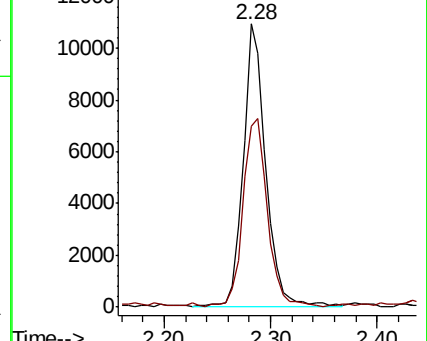
56 100

55 72.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.821 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

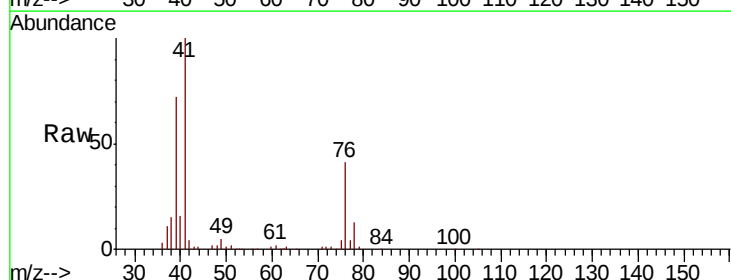
Tgt Ion: 41 Resp: 38997

Ion Ratio Lower Upper

41 100

39 68.5 52.8 79.2

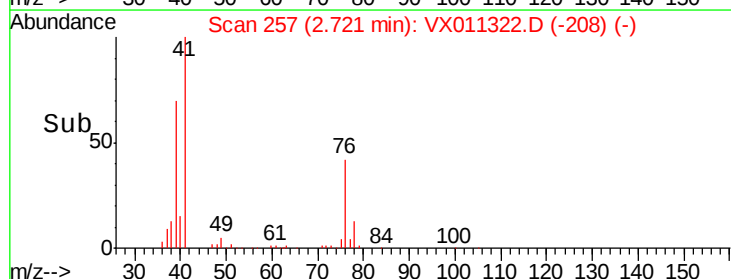
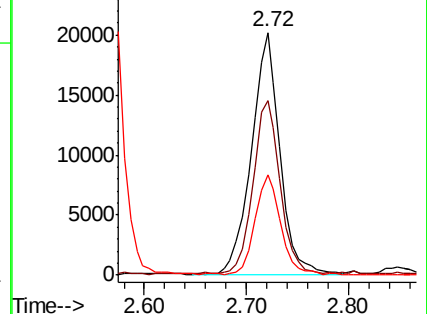
76 38.1 31.1 46.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.520 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

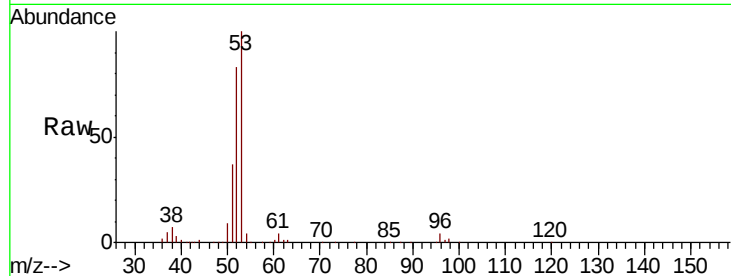
Tot Ion: 53 Resp: 75025

Ion Ratio Lower Upper

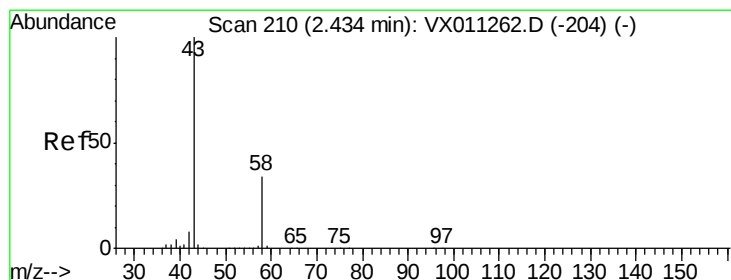
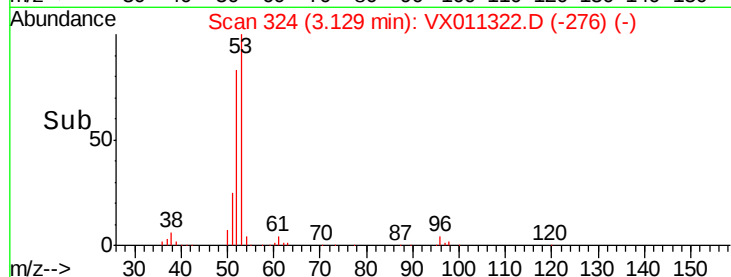
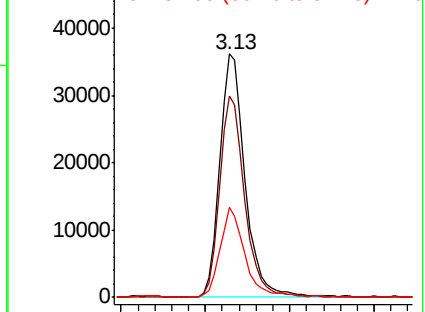
53 100

52 81.6 65.5 98.3

51 34.9 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 92.366 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011322.D

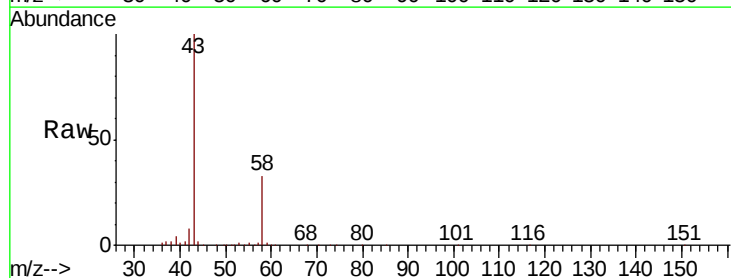
Acq: 05 Aug 2019 11:37

Tgt Ion: 43 Resp: 71815

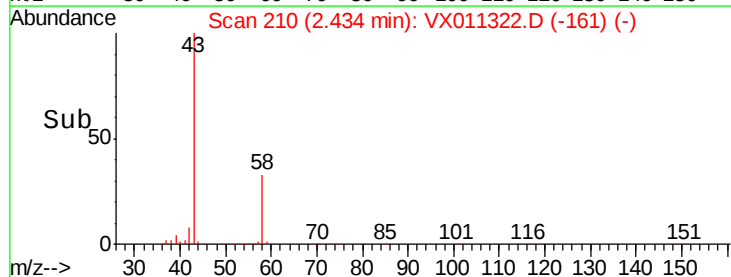
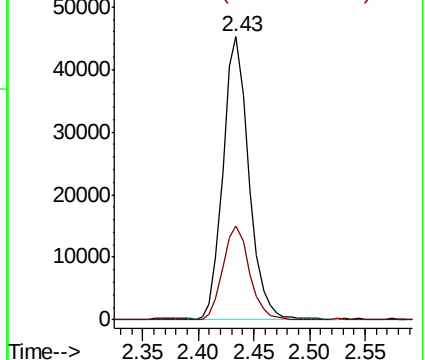
Ion Ratio Lower Upper

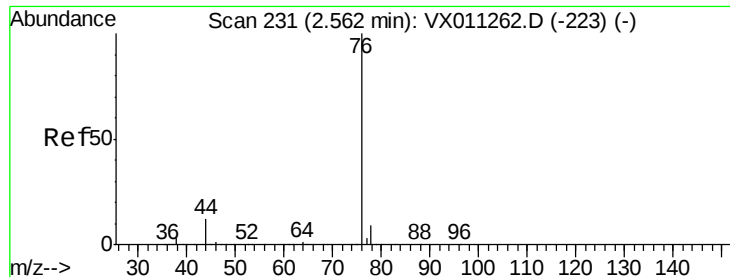
43 100

58 33.2 27.4 41.0



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

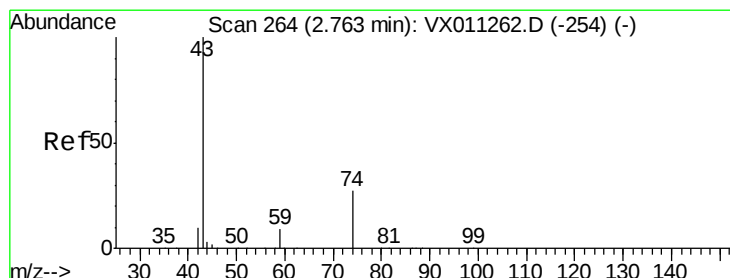
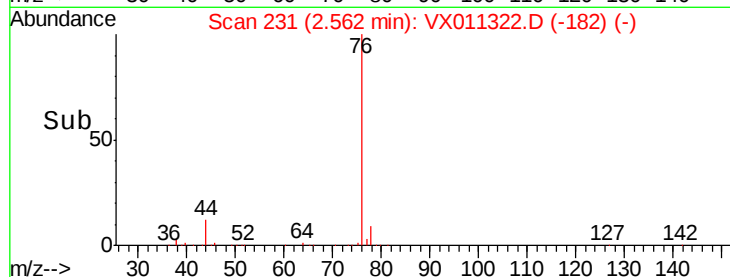
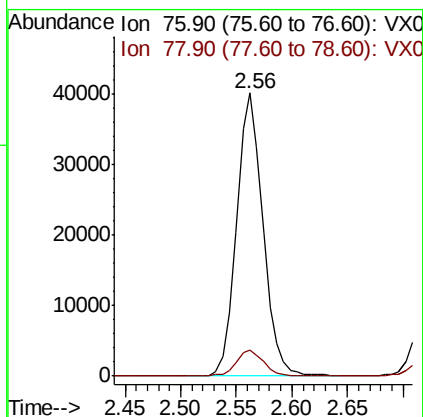
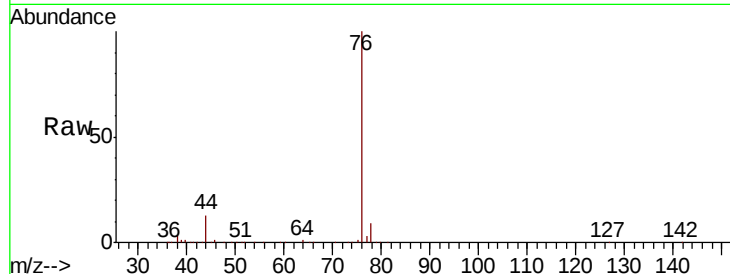




#17
Carbon Disulfide
Concen: 19.002 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

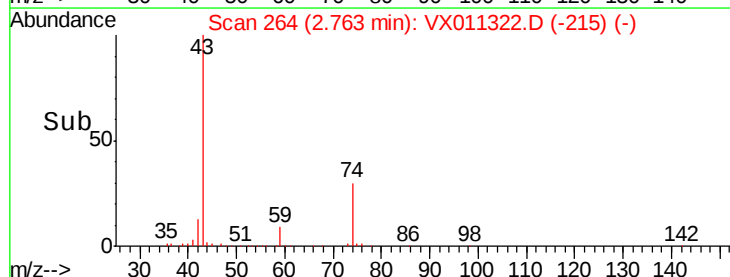
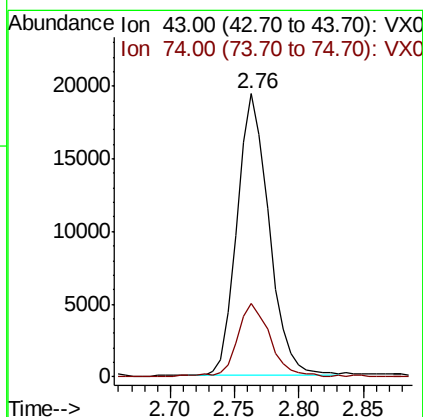
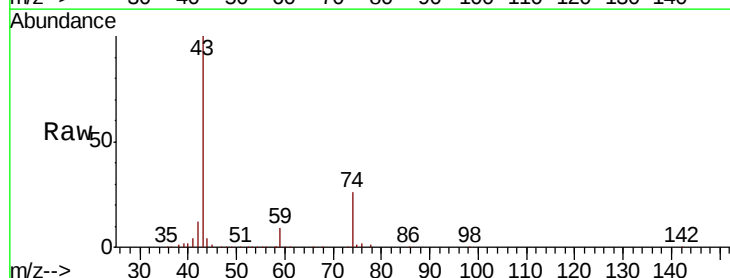
Instrument :
MSVOA_X
ClientSampleId :

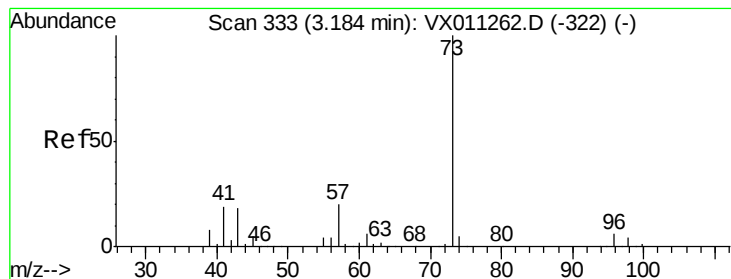
Tot Ion: 76 Resp: 65807
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 18.885 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion: 43 Resp: 33555
Ion Ratio Lower Upper
43 100
74 26.9 21.0 31.6



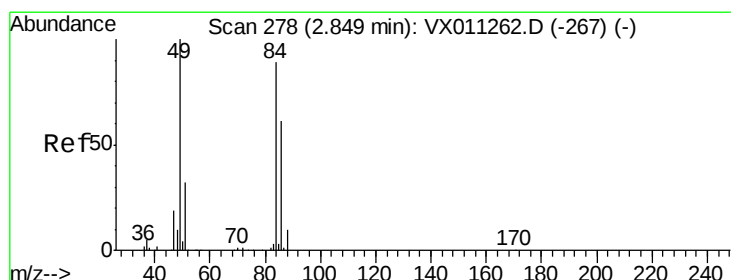
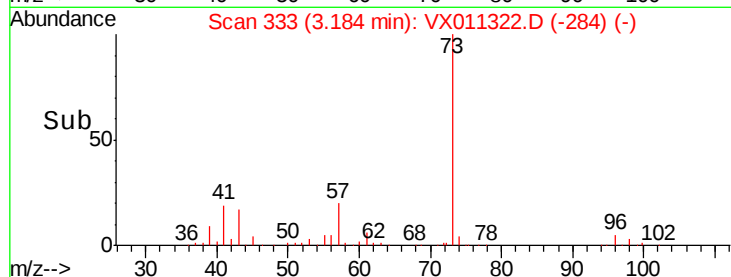
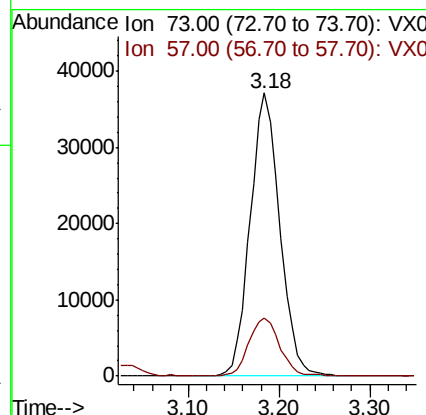
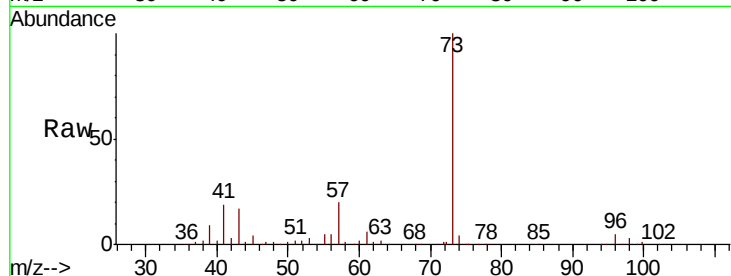


#19

Methyl tert-butyl Ether
 Concen: 19.348 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :

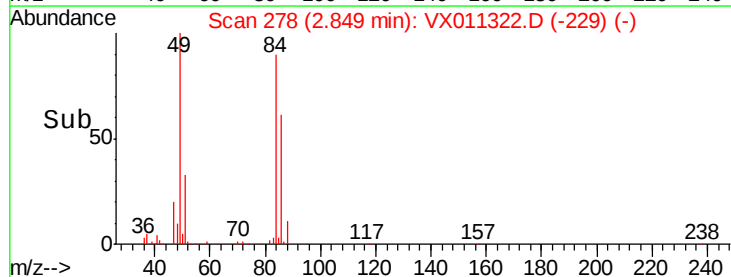
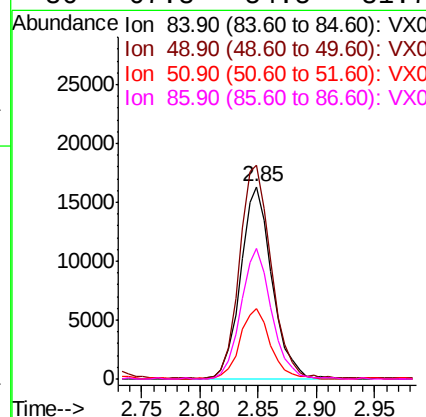
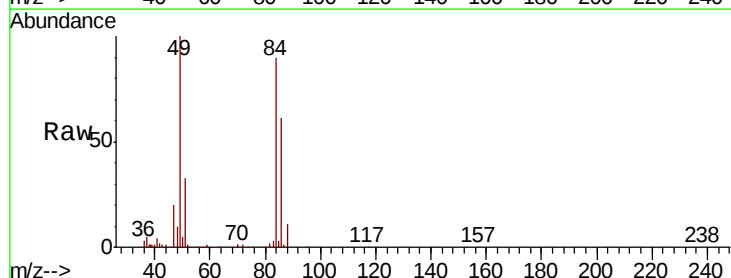
Tot Ion: 73 Resp: 84145
 Ion Ratio Lower Upper
 73 100
 57 20.3 16.2 24.2

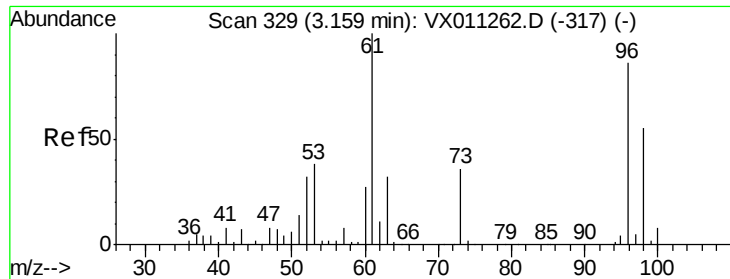


#20

Methylene Chloride
 Concen: 18.059 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Tgt Ion: 84 Resp: 30751
 Ion Ratio Lower Upper
 84 100
 49 110.7 89.3 133.9
 51 36.5 28.3 42.5
 86 67.8 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 19.081 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :
MSVOA_X
ClientSampled :

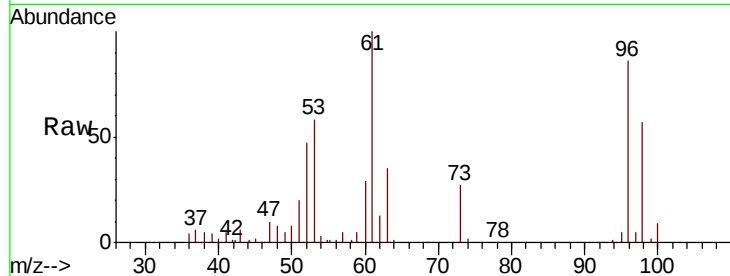
Tot Ion: 96 Resp: 29788

Ion Ratio Lower Upper

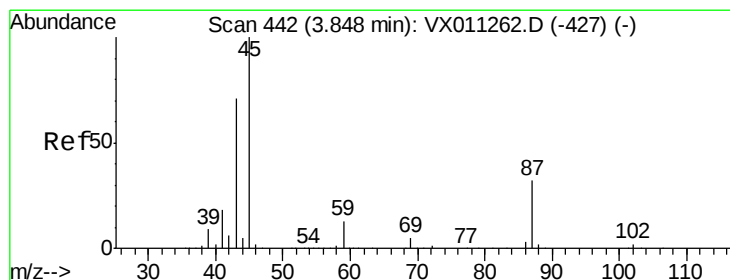
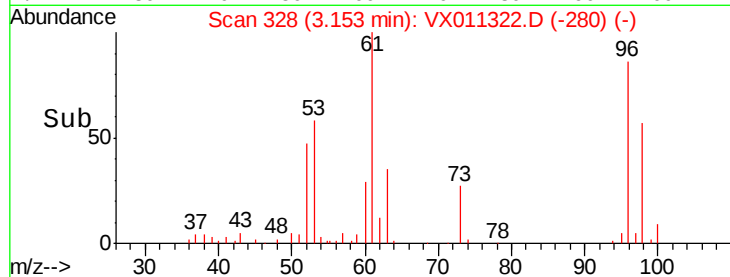
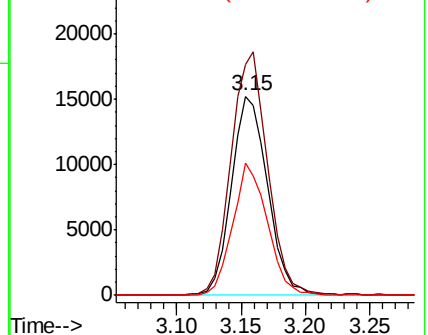
96 100

61 116.4 92.8 139.2

98 66.2 51.2 76.8



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: 19.207 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Tgt Ion: 45 Resp: 83054

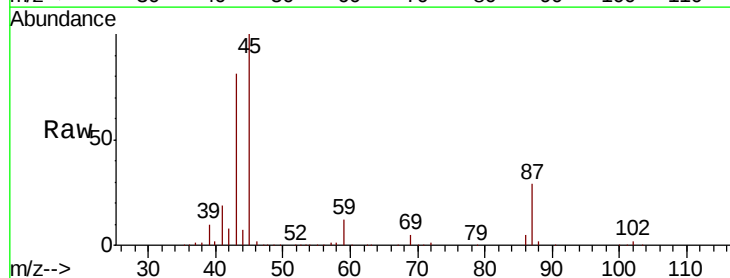
Ion Ratio Lower Upper

45 100

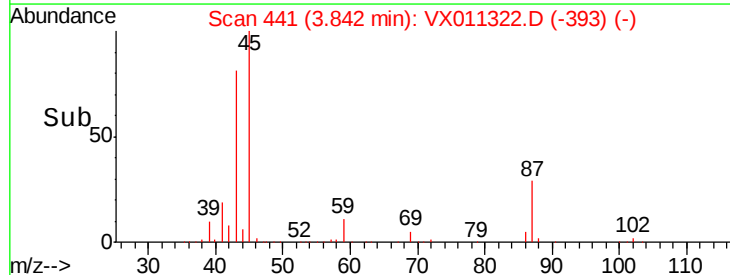
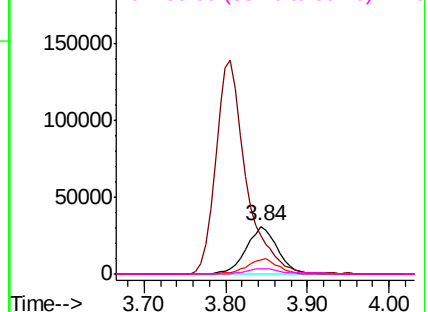
43 79.4 56.8 85.2

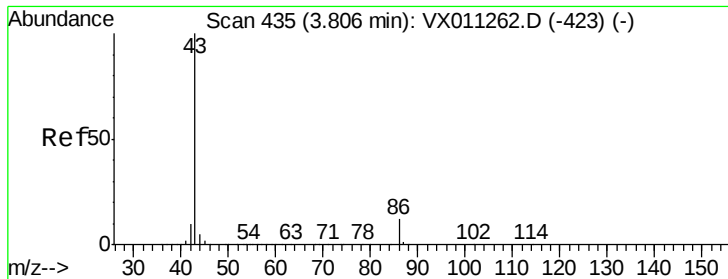
87 29.5 25.8 38.6

59 11.7 10.3 15.5



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: 100.532 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

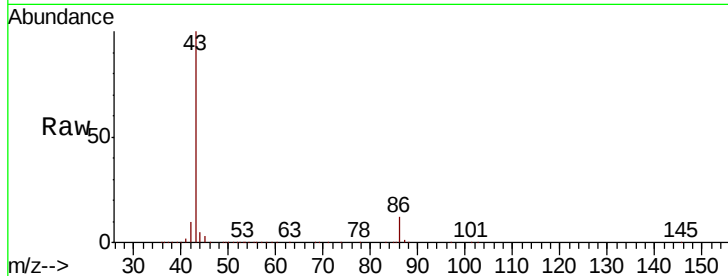
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 360551

Ion Ratio Lower Upper

43 100

86 12.3 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

150000

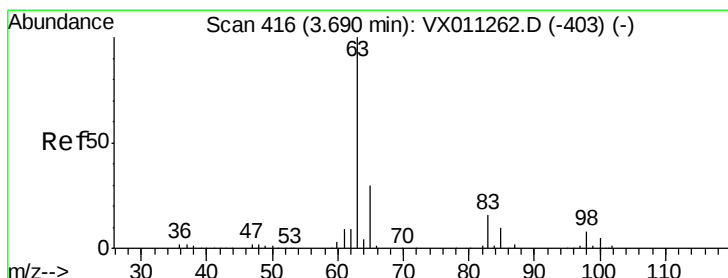
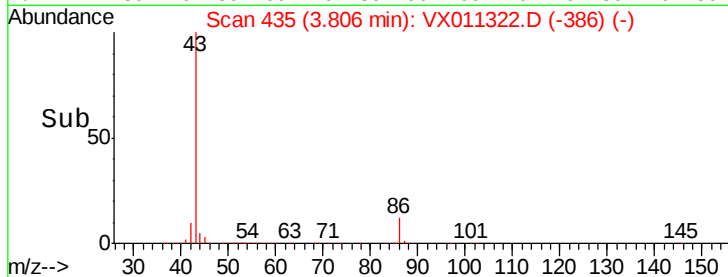
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.446 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

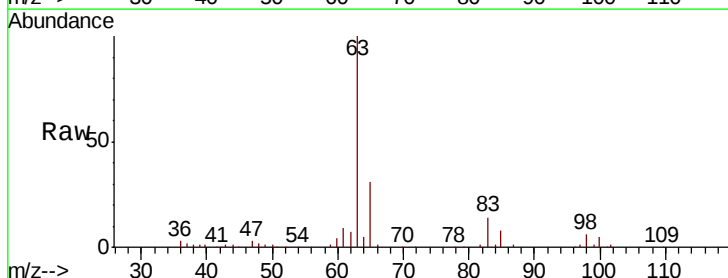
Tgt Ion: 63 Resp: 49583

Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.5

100 5.4 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

25000

20000

15000

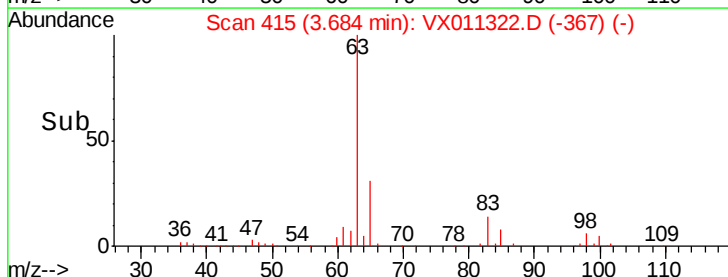
10000

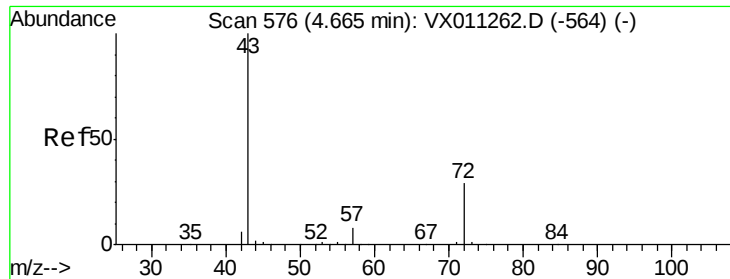
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 94.211 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

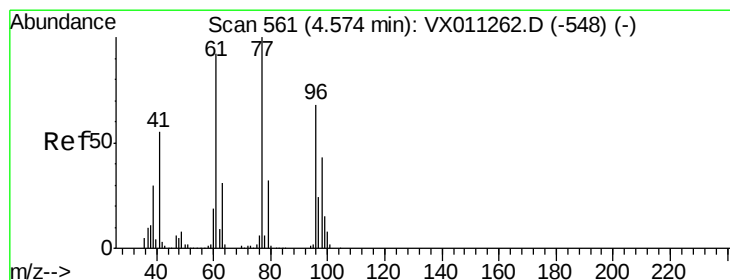
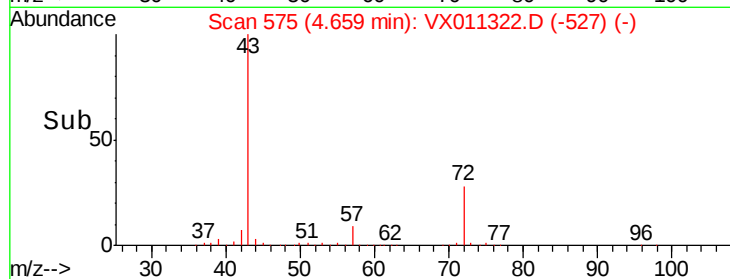
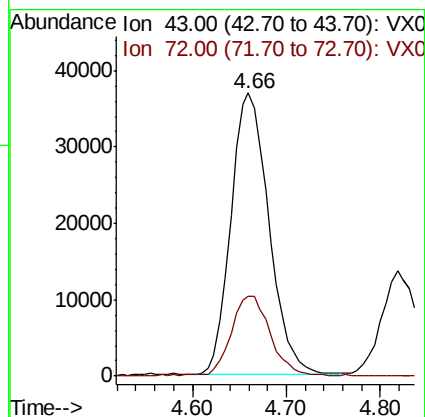
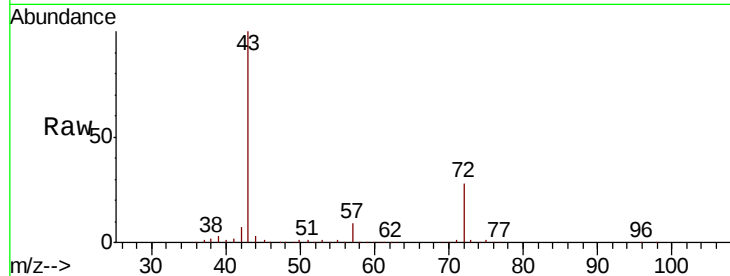
ClientSampled :

Tot Ion: 43 Resp: 104198

Ion Ratio Lower Upper

43 100

72 28.0 23.2 34.8



#26

2,2-Dichloropropane

Concen: 19.873 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011322.D

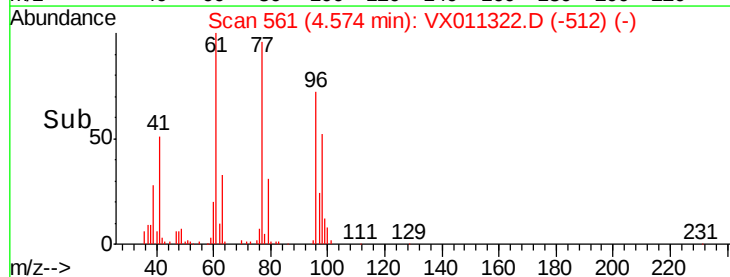
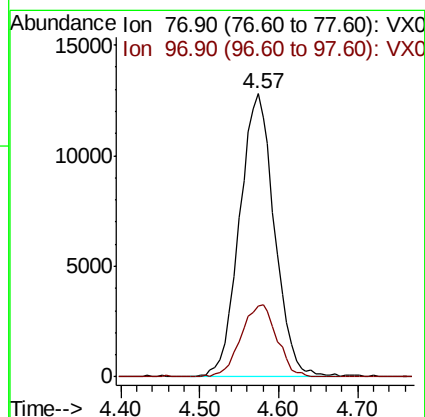
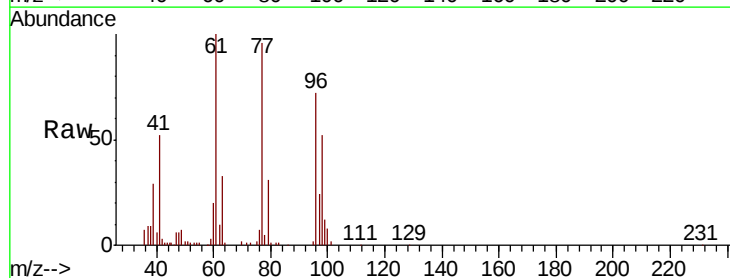
Acq: 05 Aug 2019 11:37

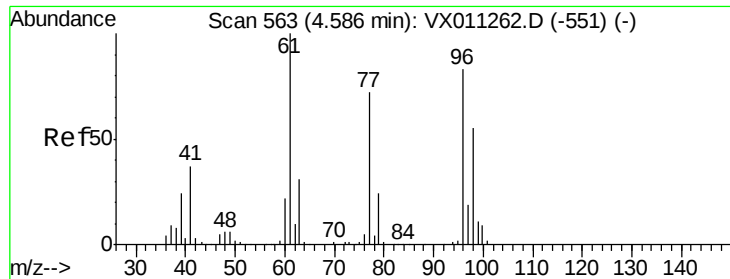
Tgt Ion: 77 Resp: 39389

Ion Ratio Lower Upper

77 100

97 26.2 12.8 38.4



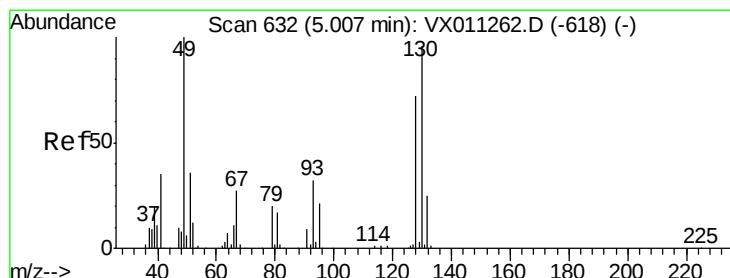
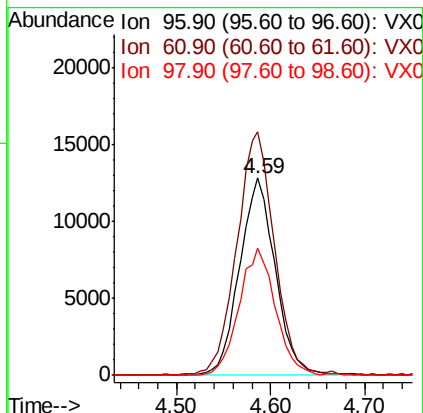
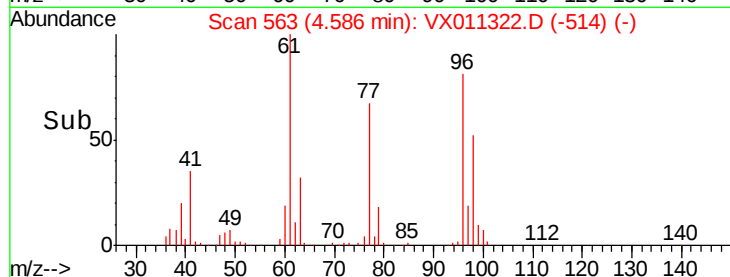
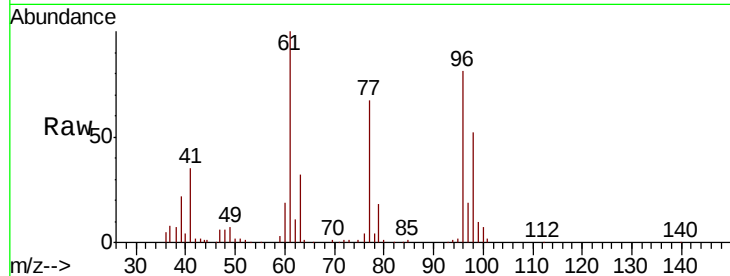


#27

cis-1,2-Dichloroethene
Concen: 18.954 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Instrument :
MSVOA_X
ClientSampled :

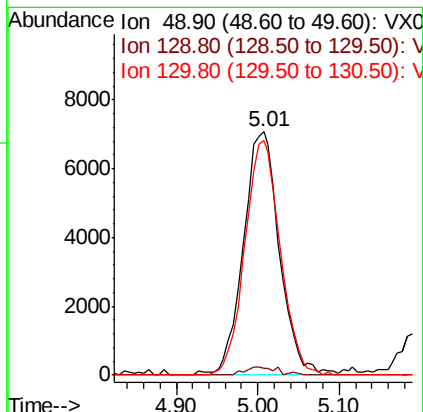
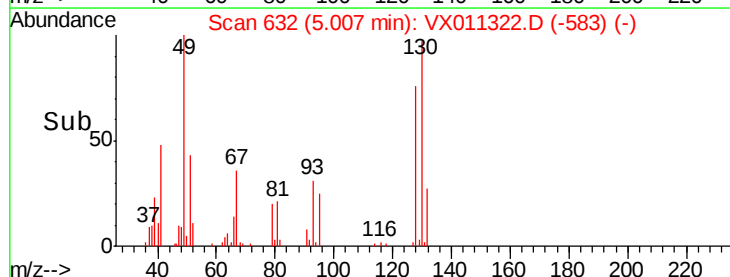
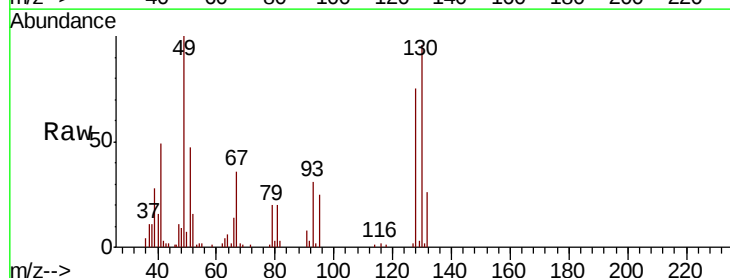
Tot Ion: 96 Resp: 34083
Ion Ratio Lower Upper
96 100
61 131.0 0.0 260.2
98 65.2 0.0 133.2

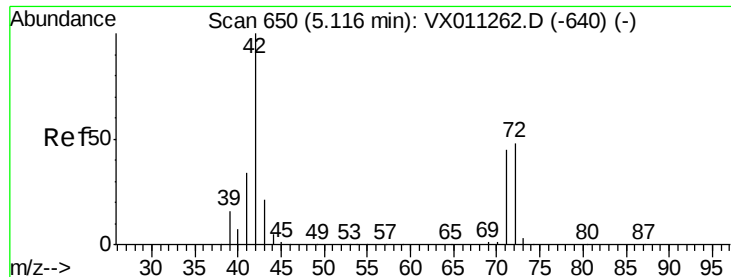


#28

Bromochloromethane
Concen: 18.807 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion: 49 Resp: 21861
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.8
130 94.2 77.9 116.9

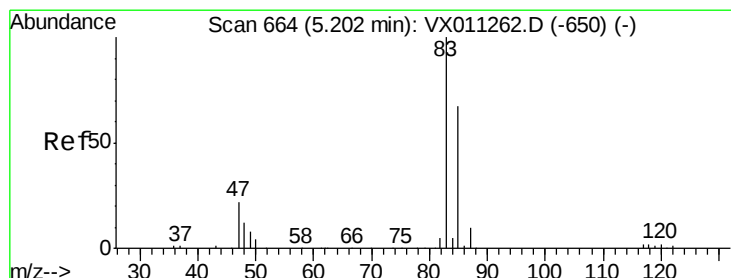
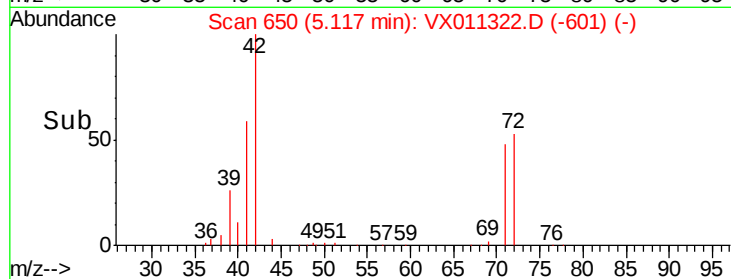
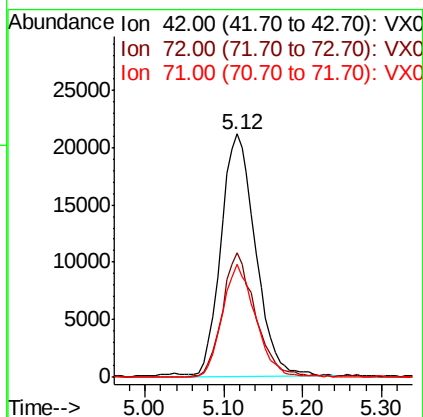
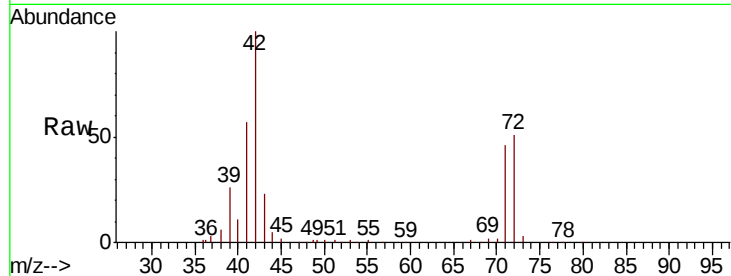




#29
Tetrahydrofuran
Concen: 94.641 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

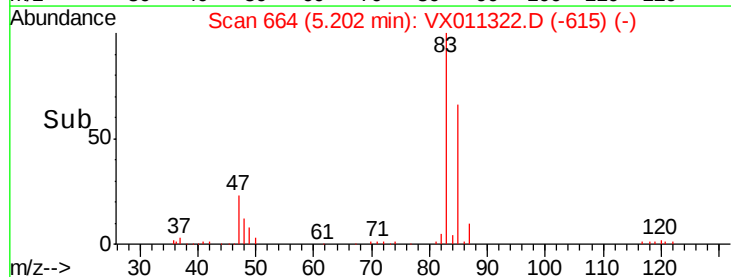
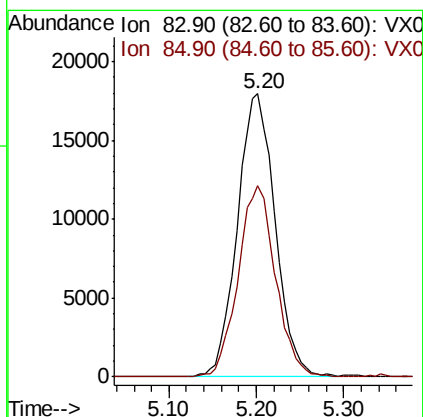
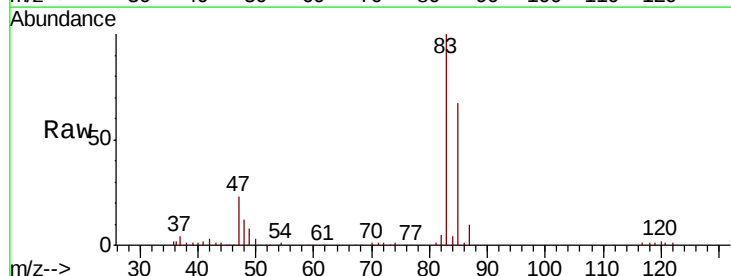
Instrument :
MSVOA_X
ClientSampled :

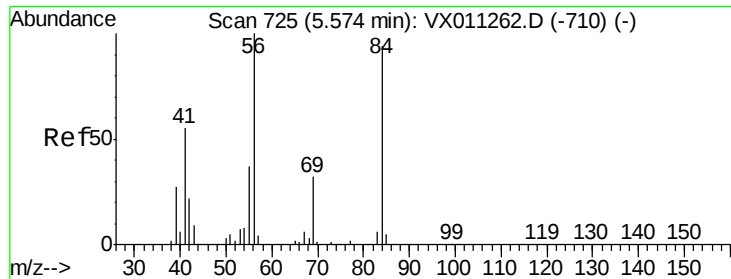
Tot Ion: 42 Resp: 64180
Ion Ratio Lower Upper
42 100
72 49.2 39.9 59.9
71 45.0 36.9 55.3



#30
Chloroform
Concen: 19.395 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion: 83 Resp: 53749
Ion Ratio Lower Upper
83 100
85 67.4 53.4 80.0





#31

Cyclohexane

Concen: 18.845 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :

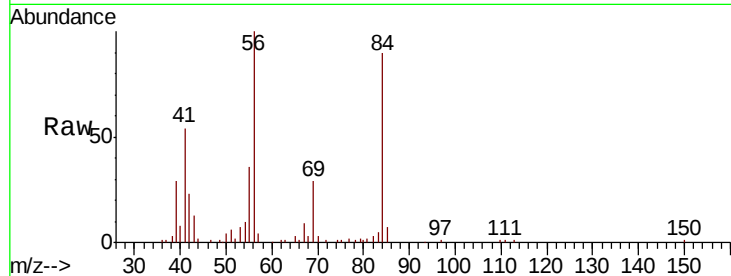
Tot Ion: 56 Resp: 39643

Ion Ratio Lower Upper

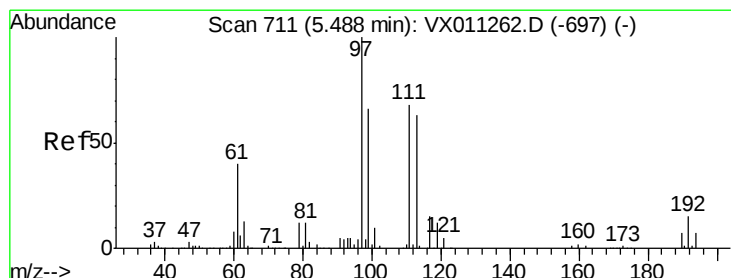
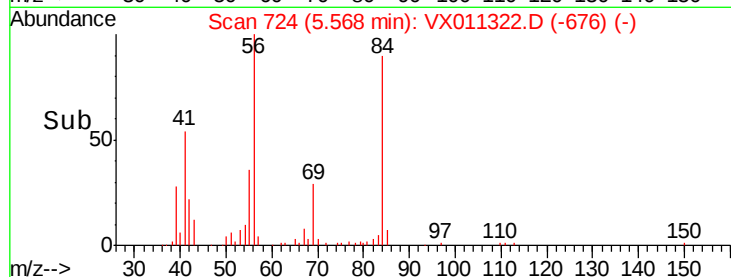
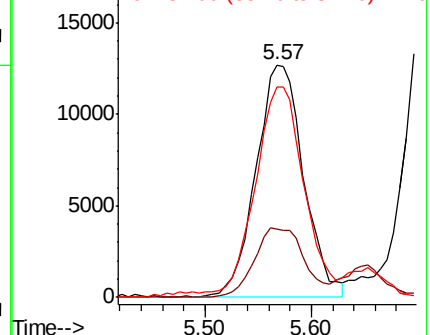
56 100

69 29.1 25.5 38.3

84 87.7 75.0 112.4



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



#32

1,1,1-Trichloroethane

Concen: 19.569 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

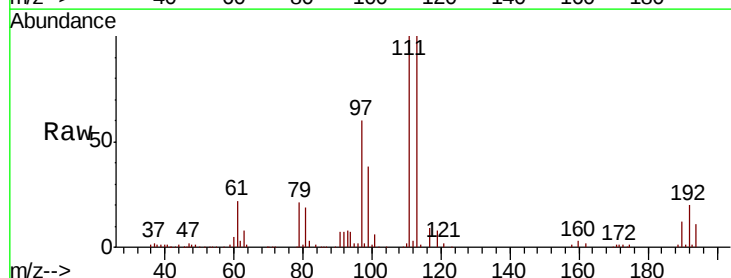
Tgt Ion: 97 Resp: 46455

Ion Ratio Lower Upper

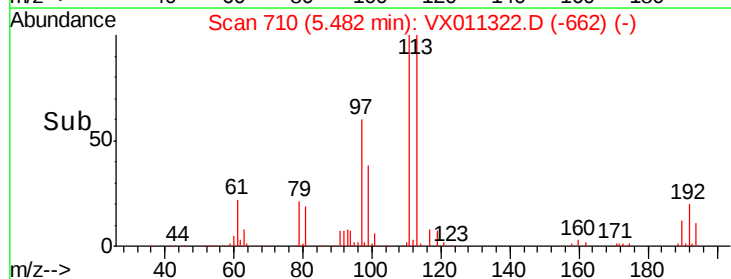
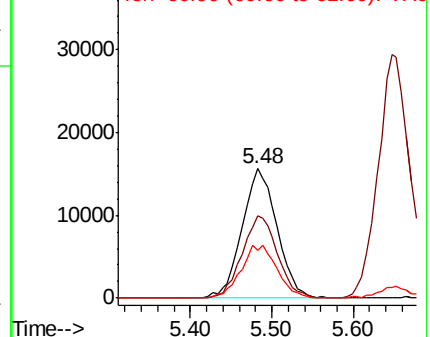
97 100

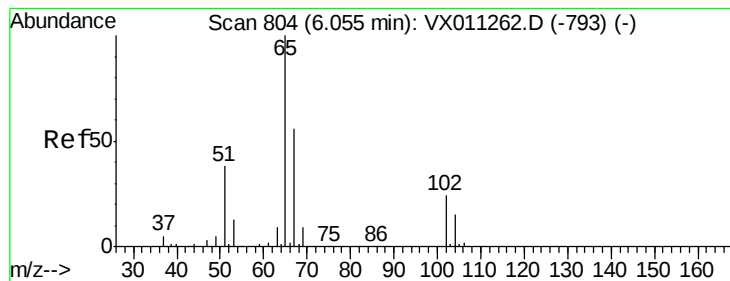
99 64.3 51.6 77.4

61 41.9 32.3 48.5



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





#33

1,2-Dichloroethane-d4

Concen: 51.759 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

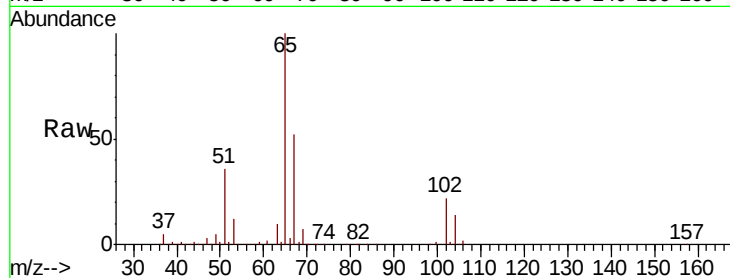
ClientSampleId :

Tot Ion: 65 Resp: 84548

Ion Ratio Lower Upper

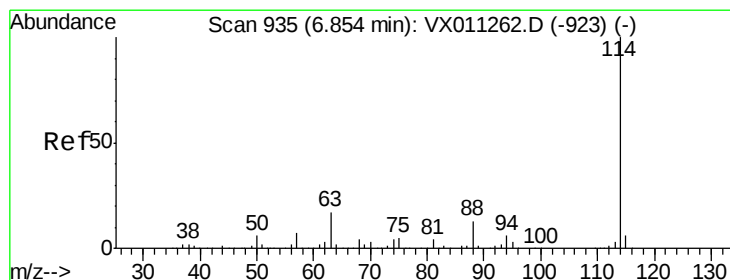
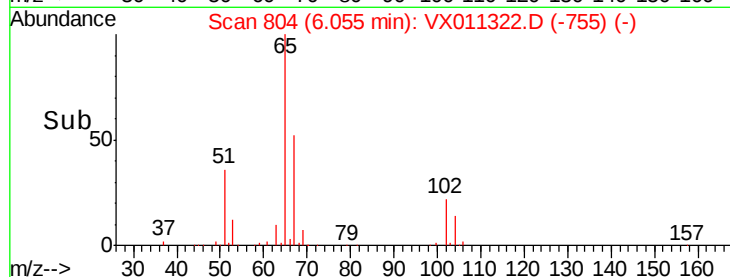
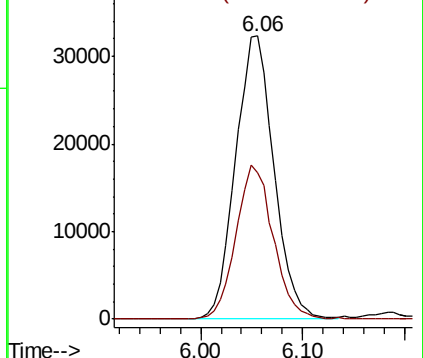
65 100

67 52.8 0.0 110.6



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: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

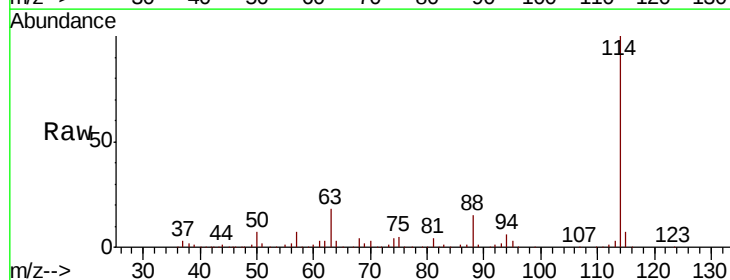
Tgt Ion: 114 Resp: 231116

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

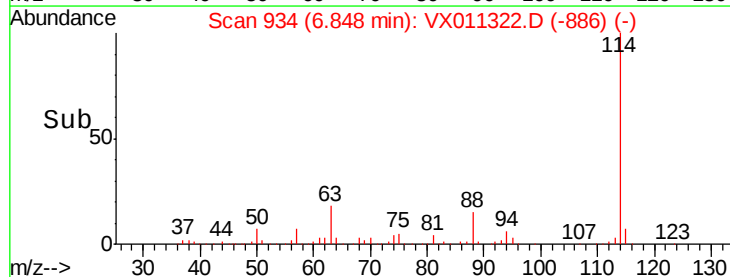
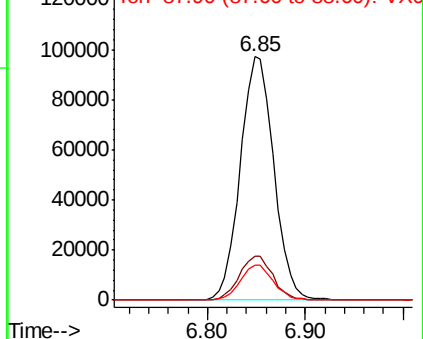
88 14.6 0.0 26.4

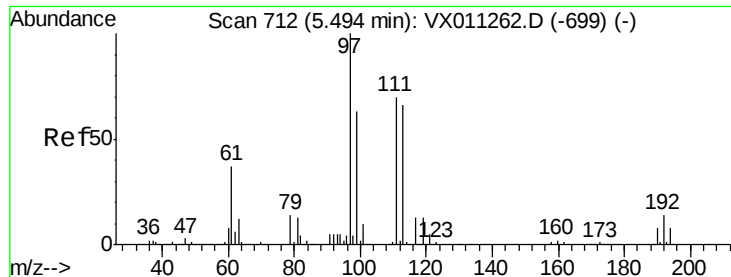


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.896 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampled :

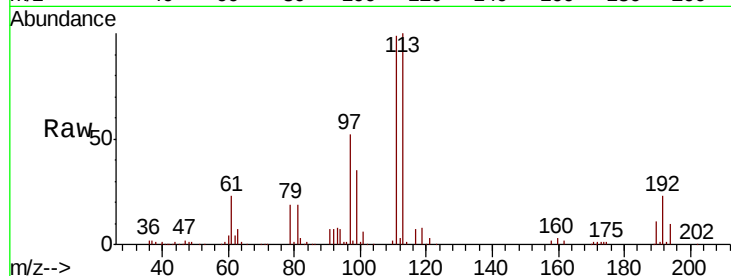
Tot Ion:113 Resp: 78306

Ion Ratio Lower Upper

113 100

111 100.8 81.9 122.9

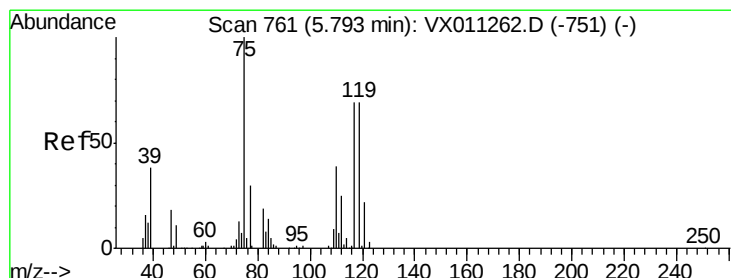
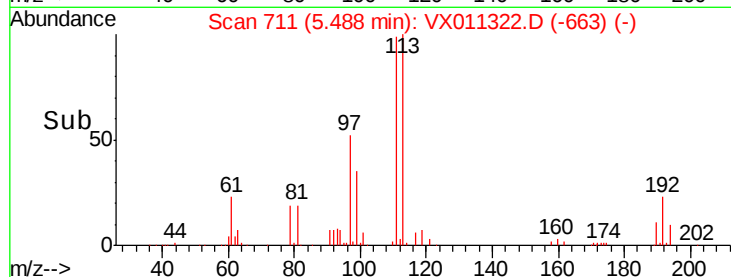
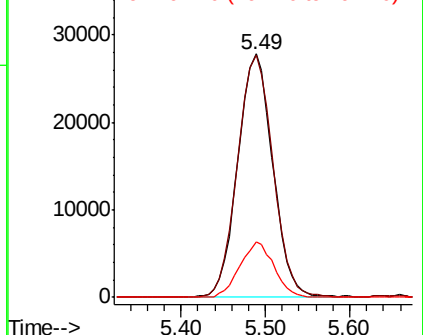
192 22.1 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.095 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

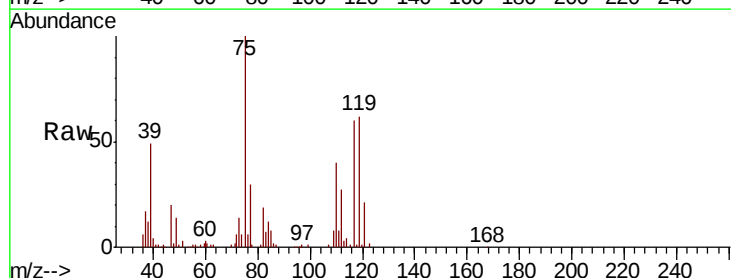
Tgt Ion: 75 Resp: 38531

Ion Ratio Lower Upper

75 100

110 40.2 20.0 59.9

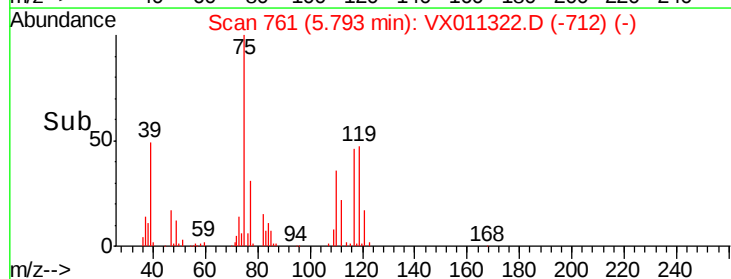
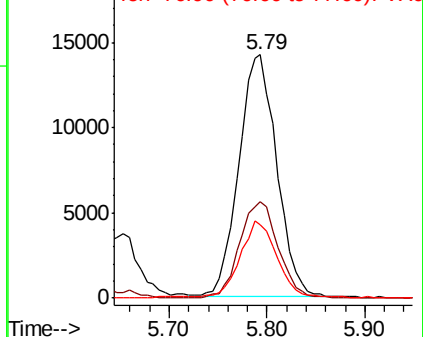
77 31.1 24.8 37.2

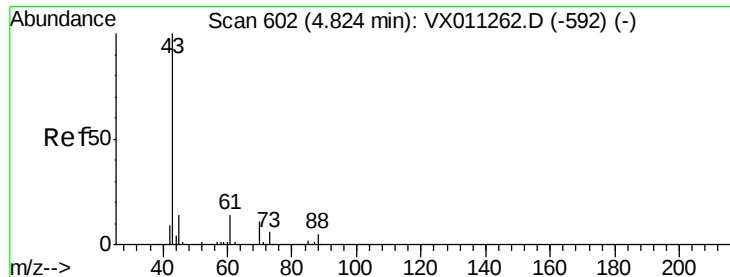


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.341 ug/l

RT: 4.82 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampled :

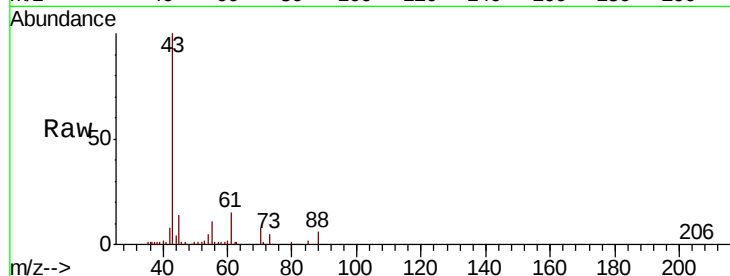
Tot Ion: 43 Resp: 39148

Ion Ratio Lower Upper

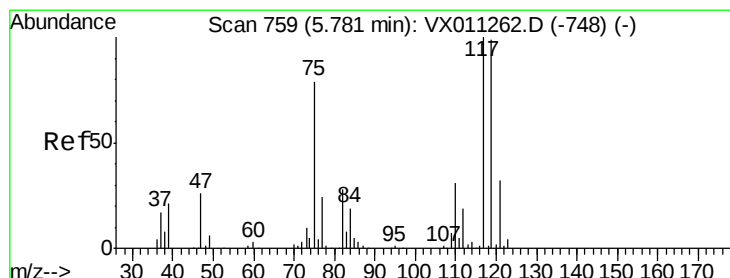
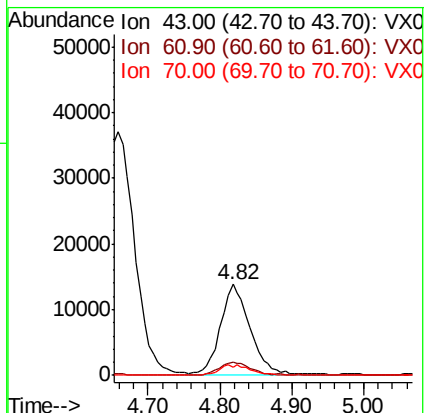
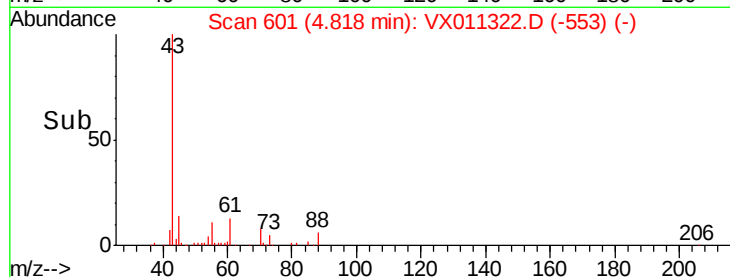
43 100

61 16.4 12.6 18.8

70 12.3 9.1 13.7



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



#38

Carbon Tetrachloride

Concen: 19.694 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

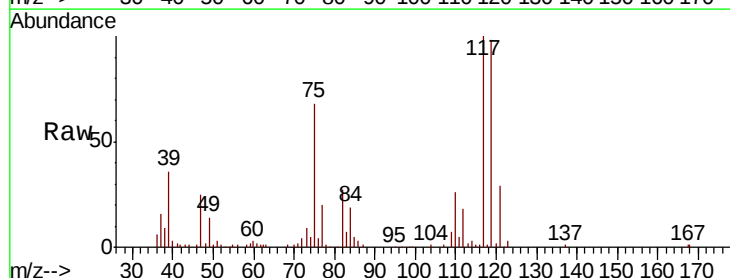
Tgt Ion: 117 Resp: 39980

Ion Ratio Lower Upper

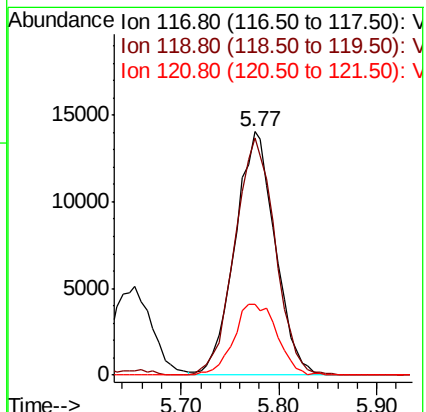
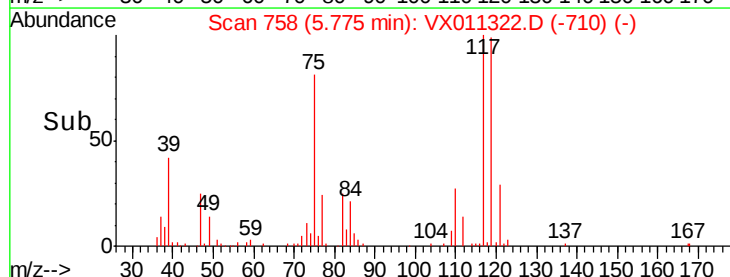
117 100

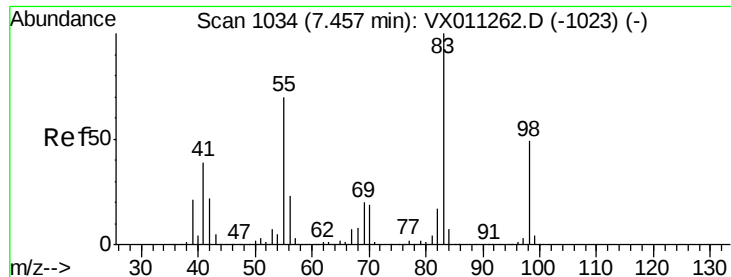
119 97.6 79.0 118.4

121 29.0 25.9 38.9



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

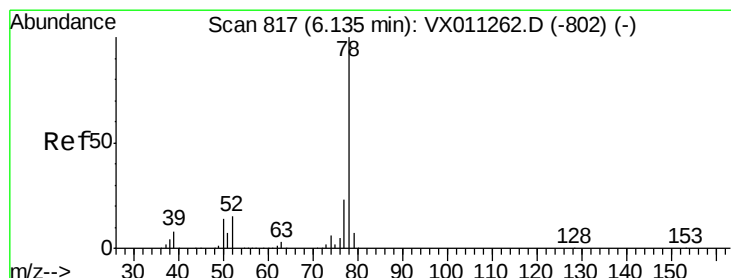
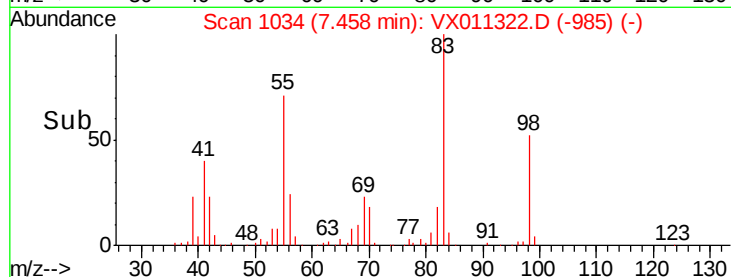
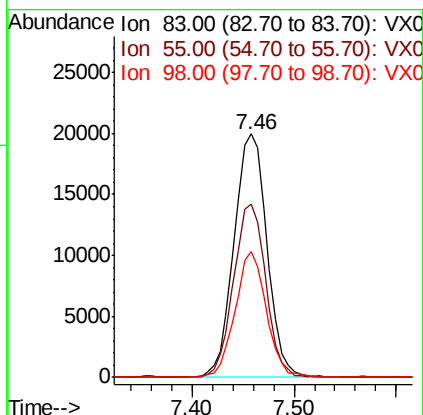
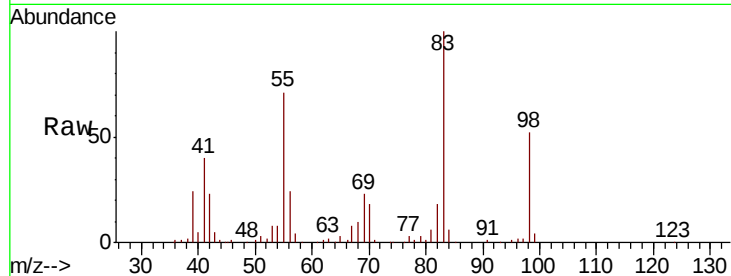




#39
Methvlcvclohexane
Concen: 18.709 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

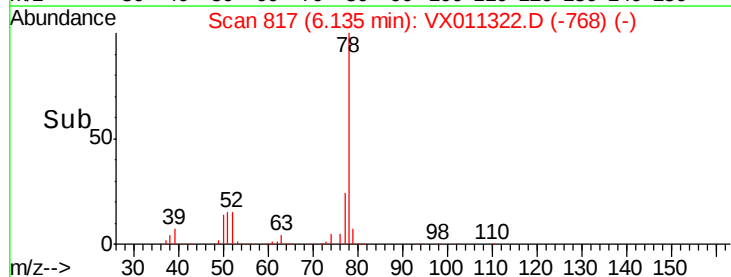
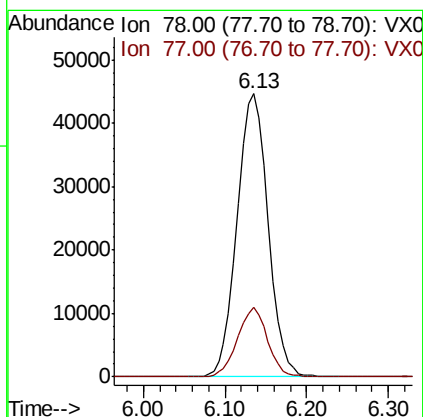
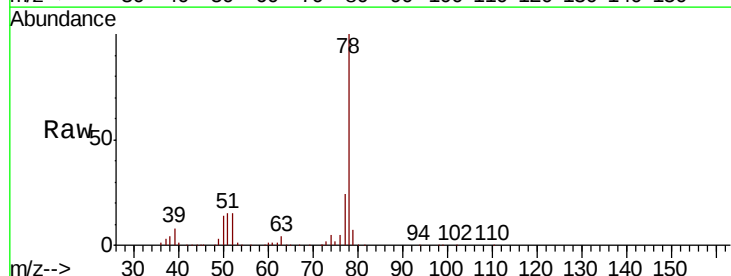
Instrument :
MSVOA_X
ClientSampleId :

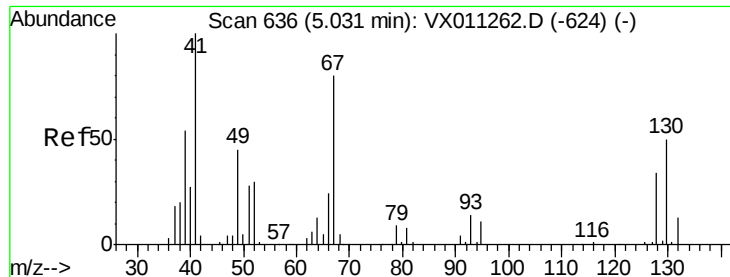
Tot Ion: 83 Resp: 44750
Ion Ratio Lower Upper
83 100
55 70.9 56.1 84.1
98 51.6 39.0 58.4



#40
Benzene
Concen: 19.614 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion: 78 Resp: 118105
Ion Ratio Lower Upper
78 100
77 24.5 18.2 27.2

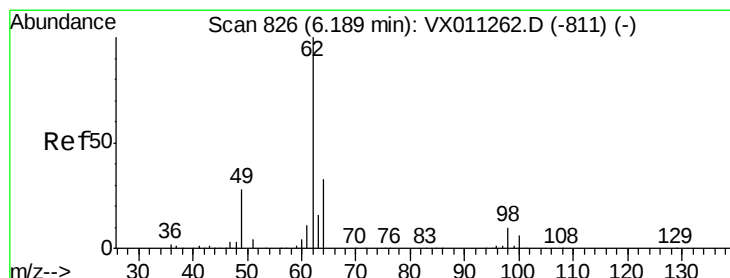
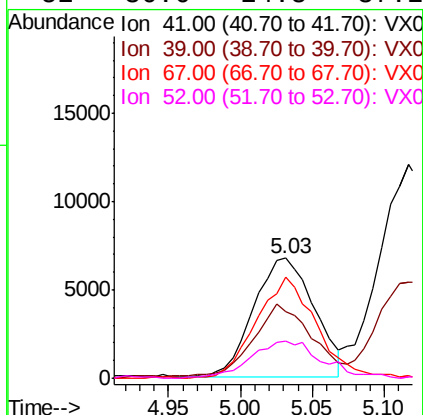
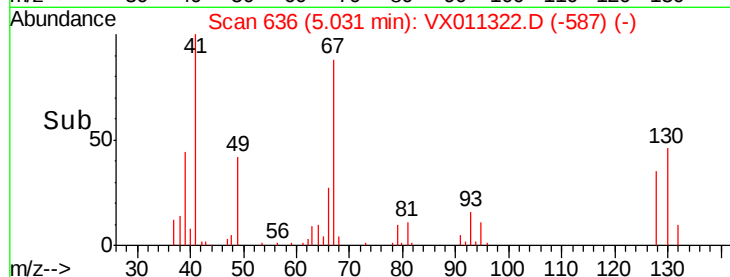
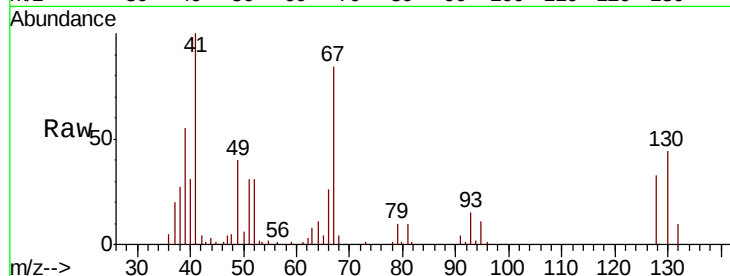




#41
Methacrylonitrile
Concen: 17.917 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

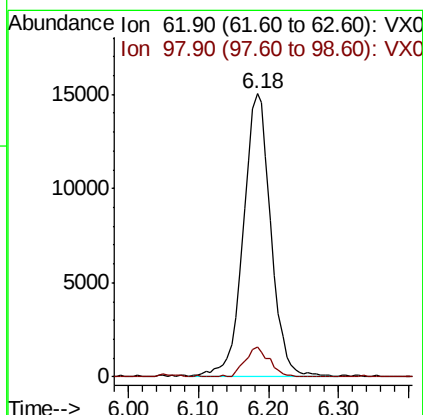
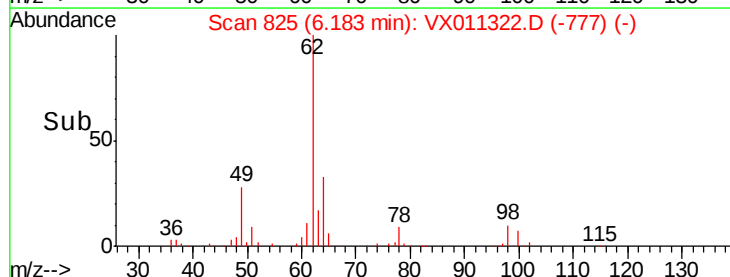
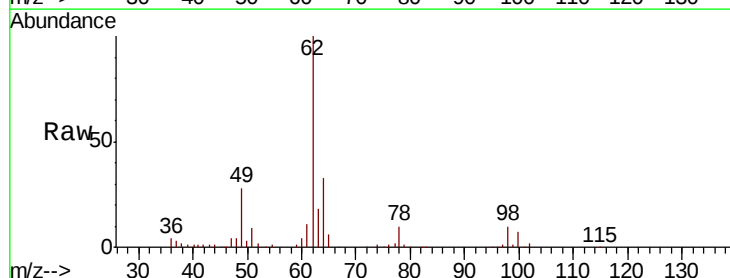
Instrument :
MSVOA_X
ClientSampleID :

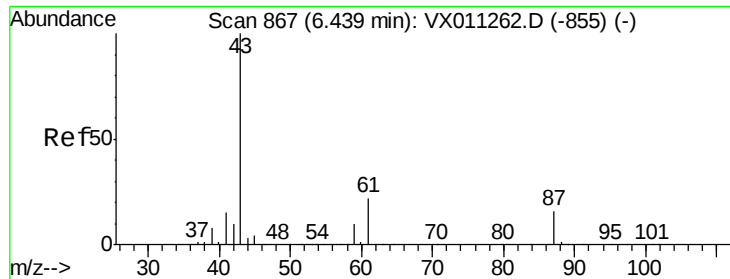
Tot Ion:	41	Resp:	19805
Ion	Ratio	Lower	Upper
41	100		
39	58.6	43.0	64.6
67	84.7	65.1	97.7
52	36.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 20.163 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion:	62	Resp:	41054
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6



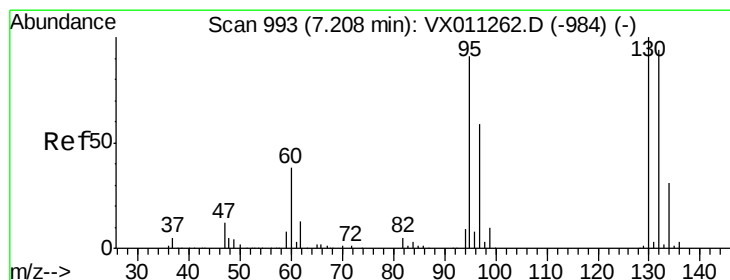
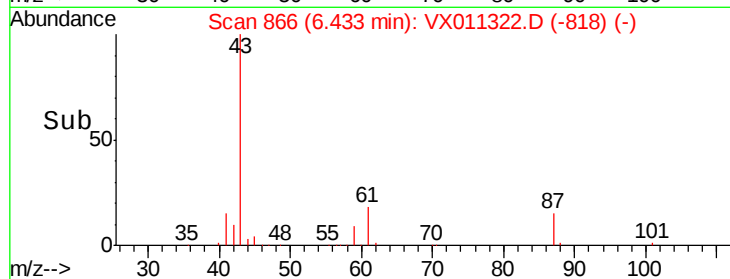
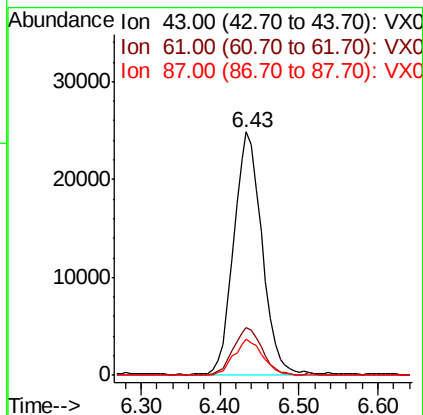
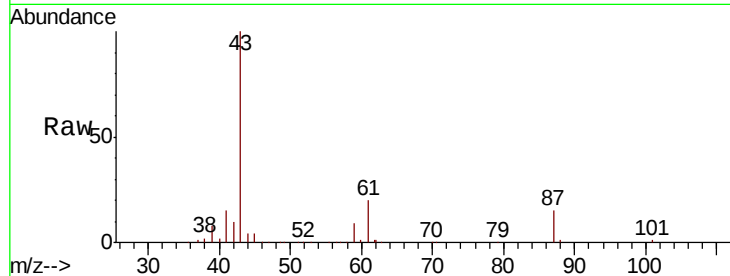


#43

Isopropyl Acetate
 Concen: 19.008 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :

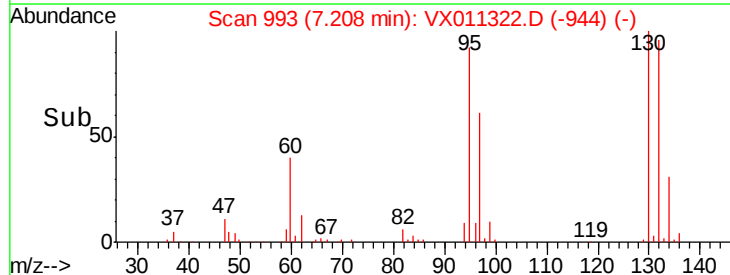
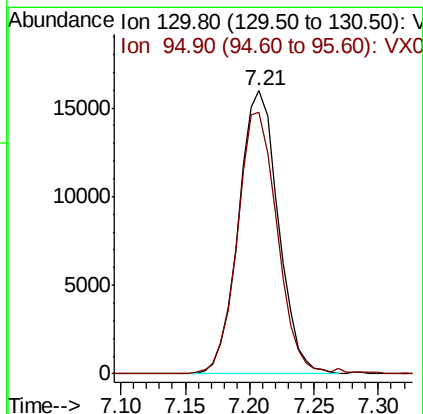
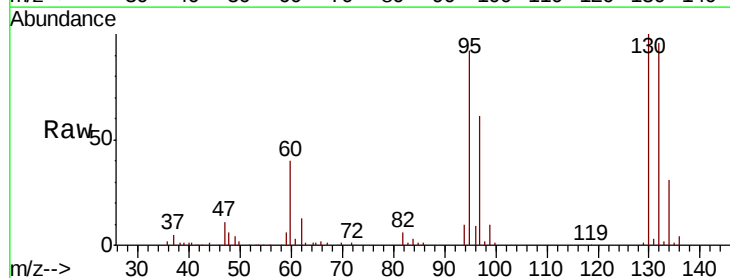
Tot Ion: 43 Resp: 61510
 Ion Ratio Lower Upper
 43 100
 61 20.3 16.5 24.7
 87 15.2 12.1 18.1



#44

Trichloroethene
 Concen: 18.679 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Tgt Ion: 130 Resp: 34045
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 182.6





#45

1,2-Dichloropropane

Concen: 19.092 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

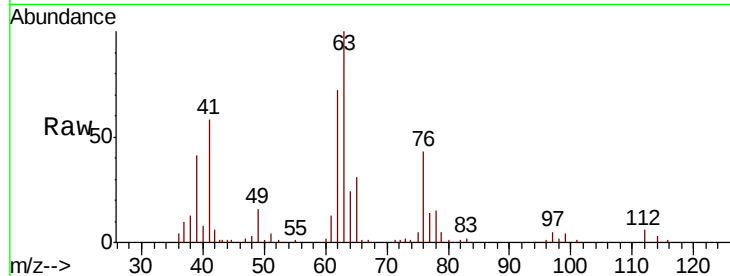
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 29773

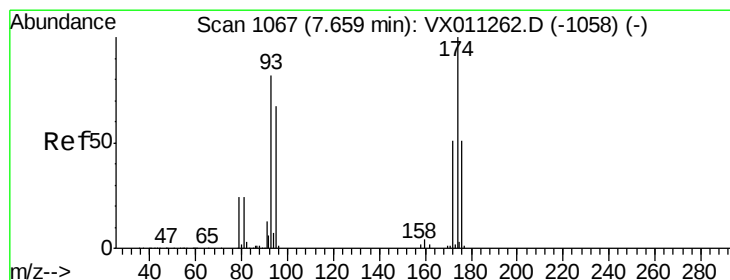
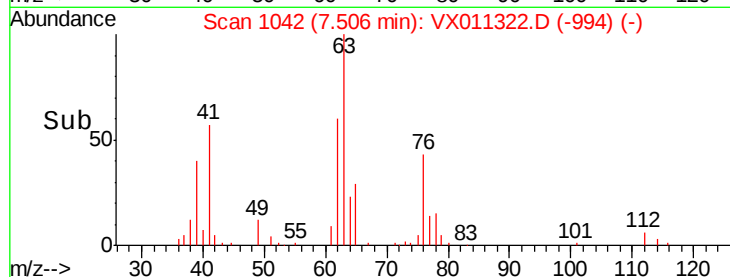
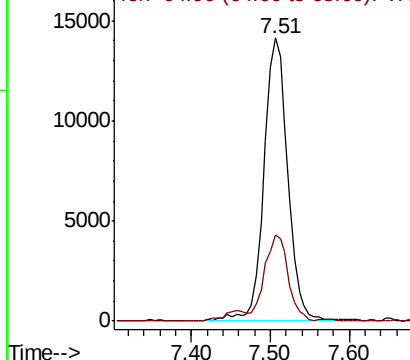
Ion Ratio Lower Upper

63 100

65 30.6 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.254 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

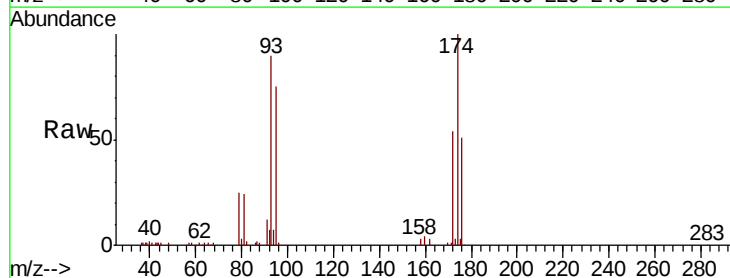
Tgt Ion: 93 Resp: 21919

Ion Ratio Lower Upper

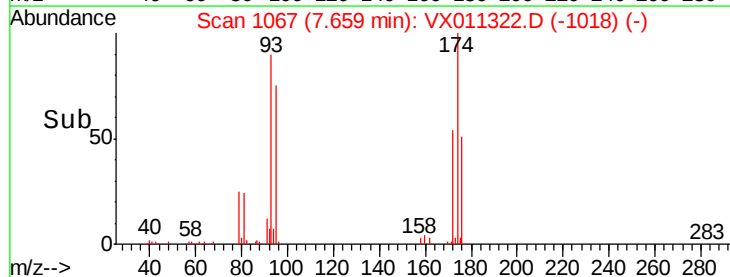
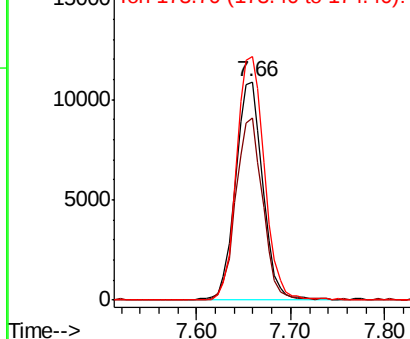
93 100

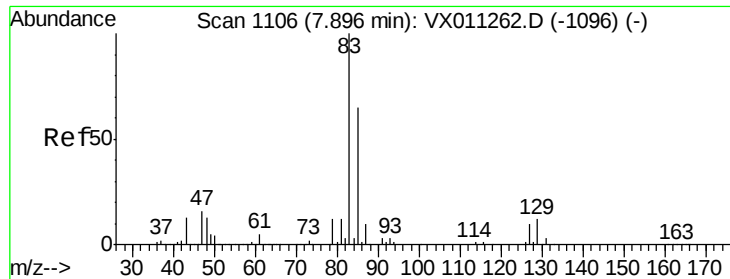
95 82.5 66.4 99.6

174 114.3 93.4 140.2



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.030 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampled :

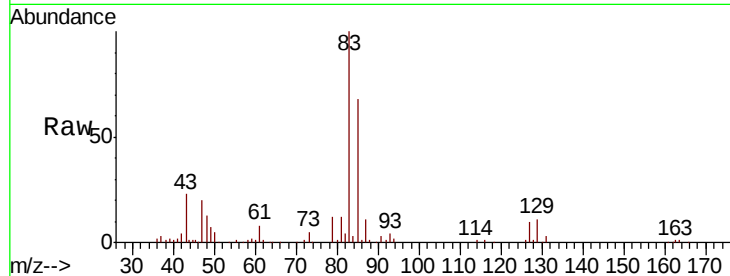
Tot Ion: 83 Resp: 38606

Ion Ratio Lower Upper

83 100

85 67.8 52.2 78.2

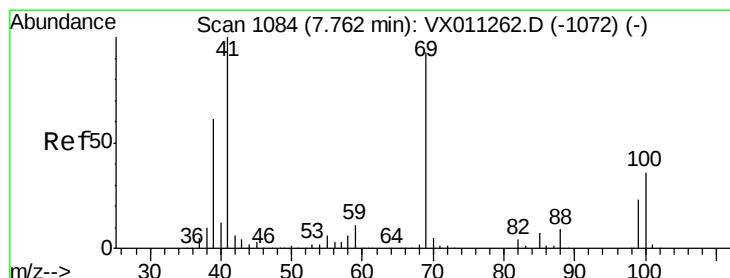
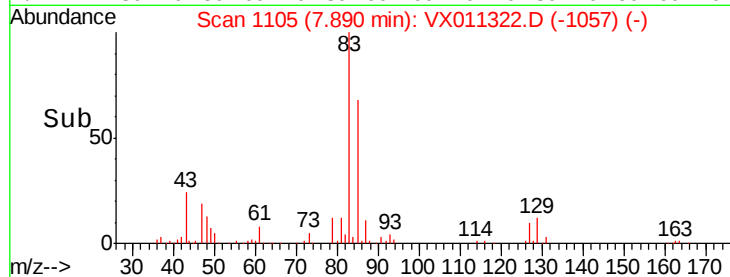
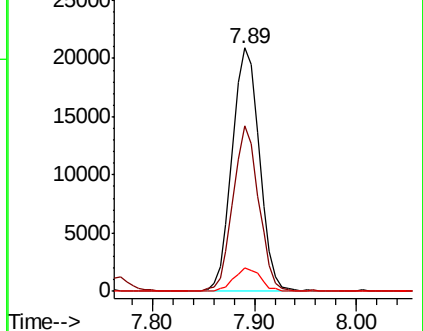
127 9.6 7.8 11.8



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: 18.688 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

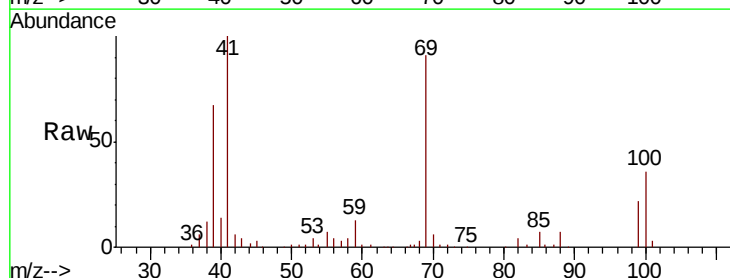
Tgt Ion: 41 Resp: 28460

Ion Ratio Lower Upper

41 100

69 93.5 74.5 111.7

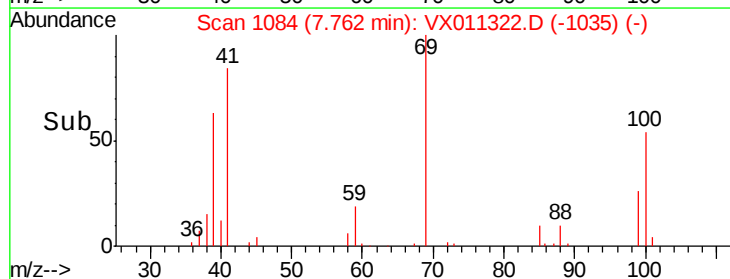
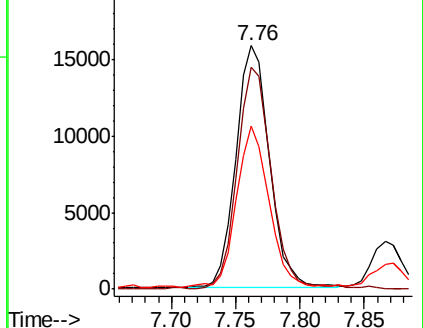
39 64.3 48.6 72.8

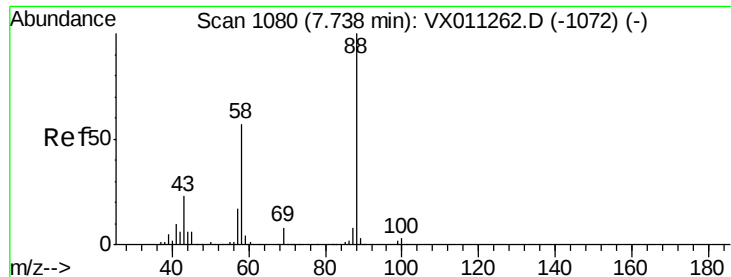


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 363.348 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :

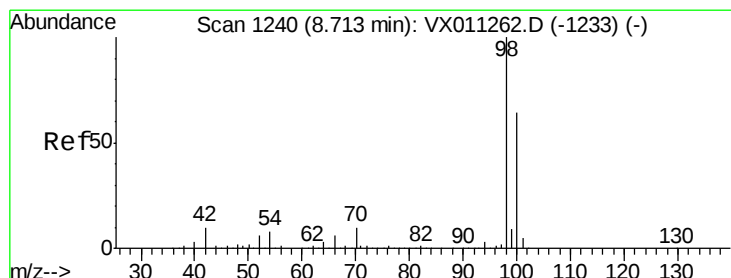
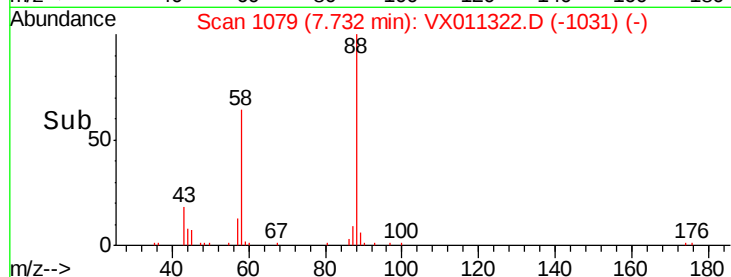
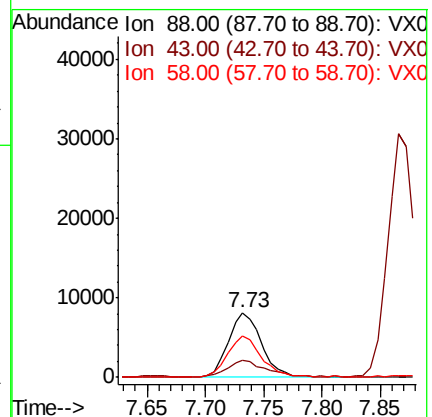
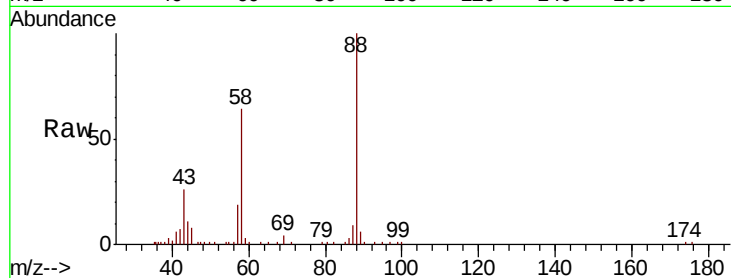
Tot Ion: 88 Resp: 16042

Ion Ratio Lower Upper

88 100

43 31.6 22.2 33.2

58 66.4 47.8 71.8



#50

Toluene-d8

Concen: 51.558 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011322.D

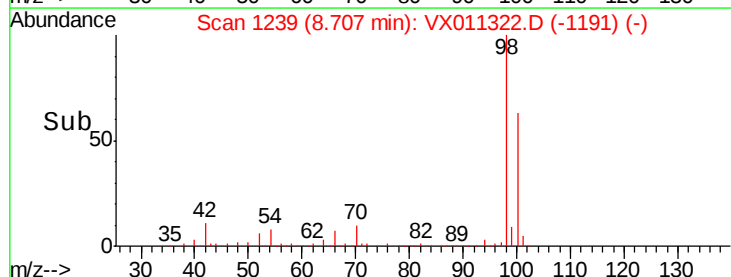
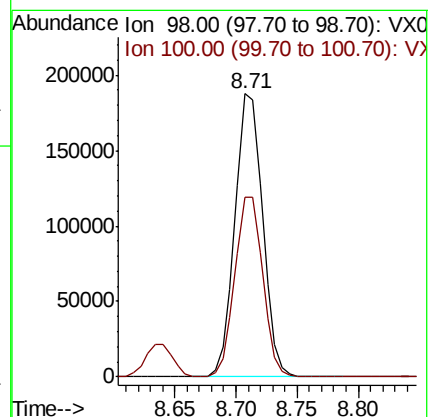
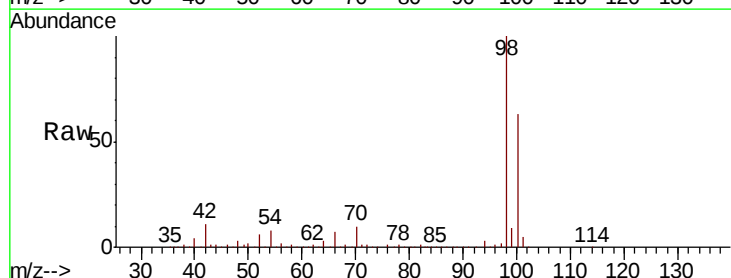
Acq: 05 Aug 2019 11:37

Tgt Ion: 98 Resp: 293658

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 97.888 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

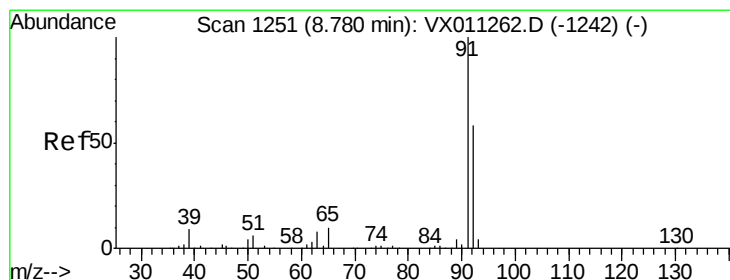
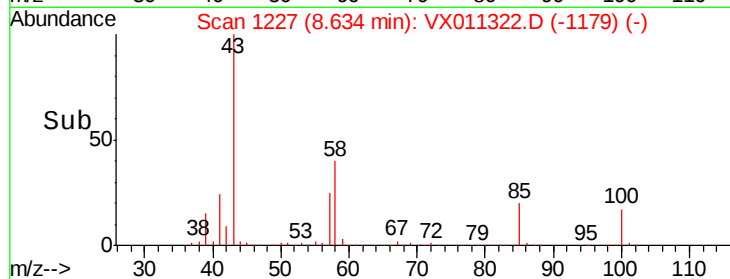
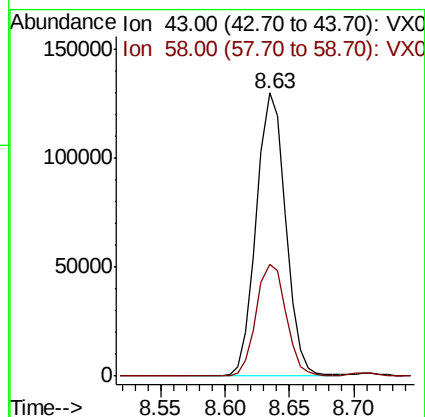
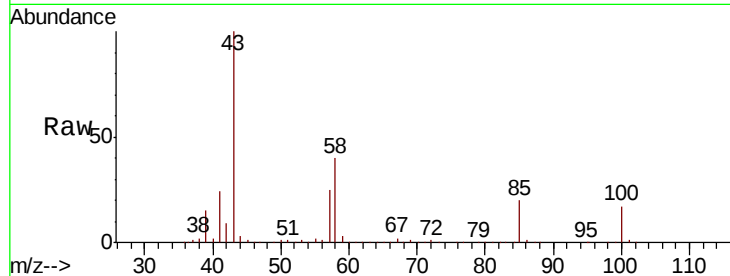
ClientSampled :

Tot Ion: 43 Resp: 204430

Ion Ratio Lower Upper

43 100

58 40.2 32.3 48.5



#52

Toluene

Concen: 19.580 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011322.D

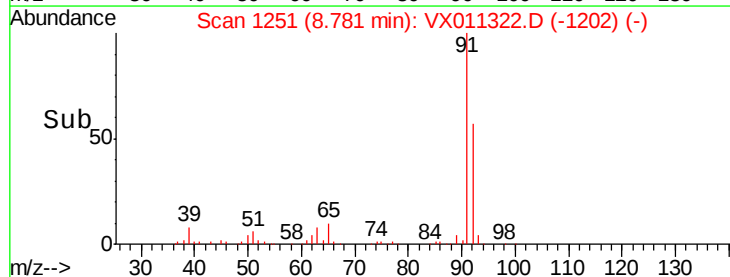
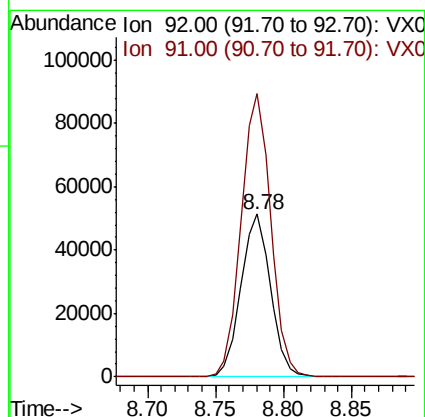
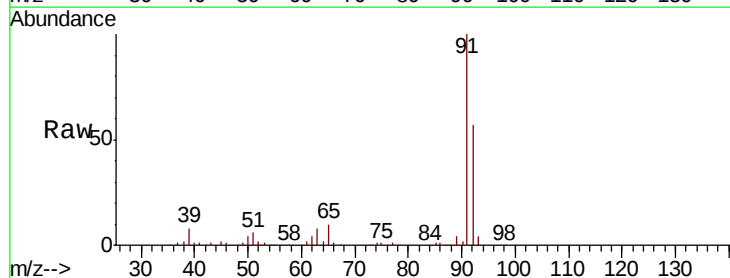
Acq: 05 Aug 2019 11:37

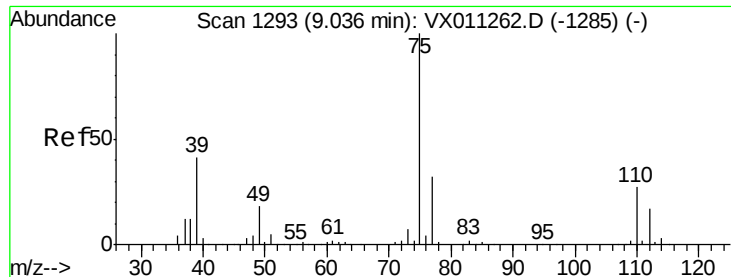
Tgt Ion: 92 Resp: 77951

Ion Ratio Lower Upper

92 100

91 174.9 139.4 209.0

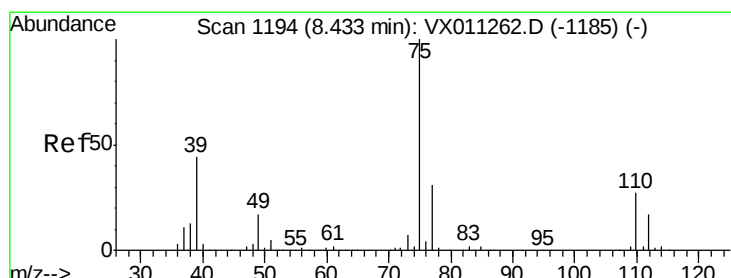
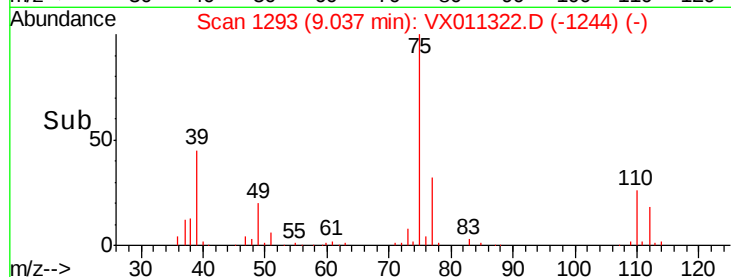
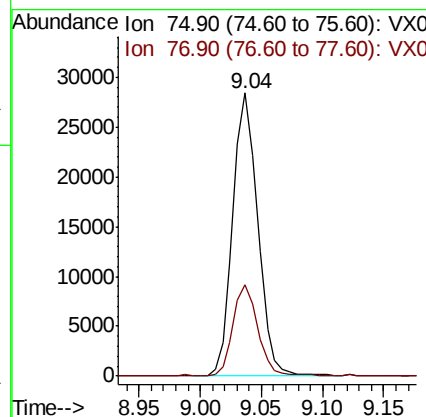
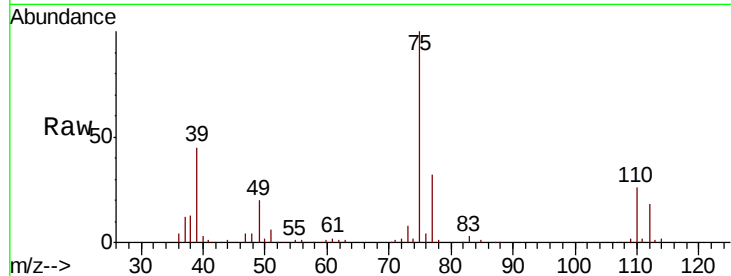




#53
 t-1,3-Dichloropropene
 Concen: 19.790 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

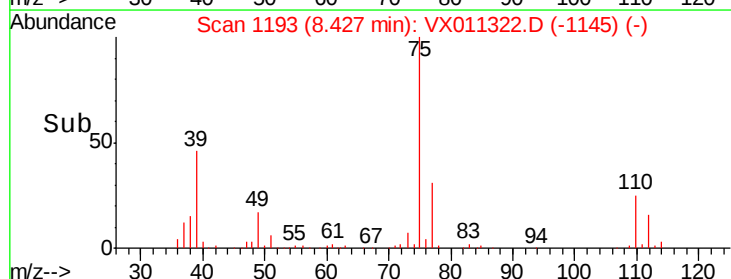
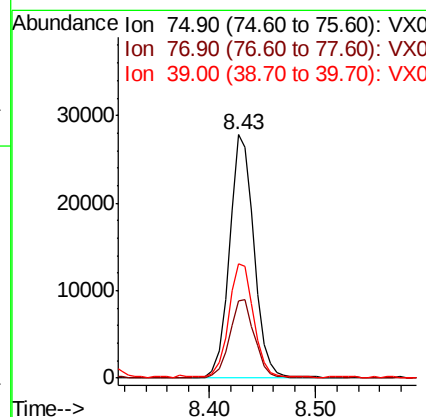
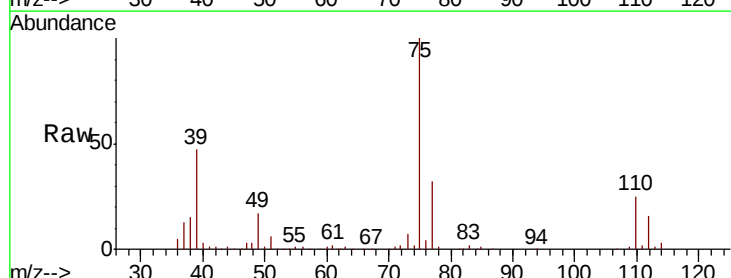
Instrument :
 MSVOA_X
 ClientSampleId :

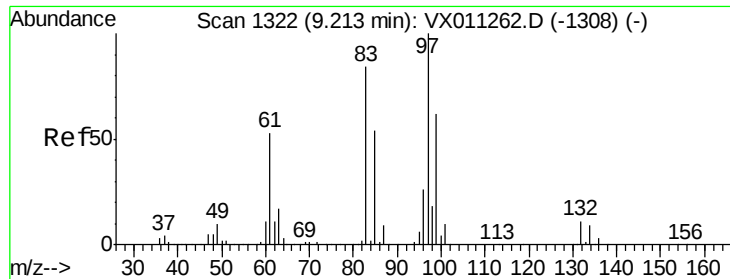
Tot Ion: 75 Resp: 40340
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.949 ug/l
 RT: 8.43 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Tgt Ion: 75 Resp: 44915
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6
 39 46.3 35.3 52.9

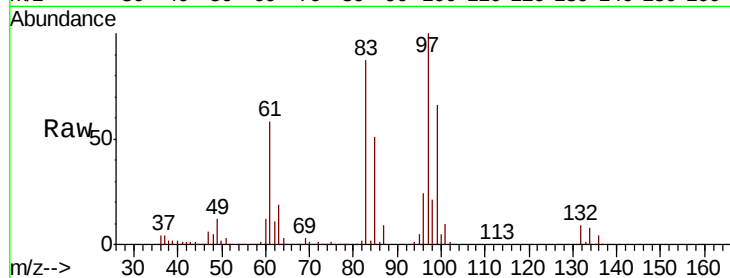




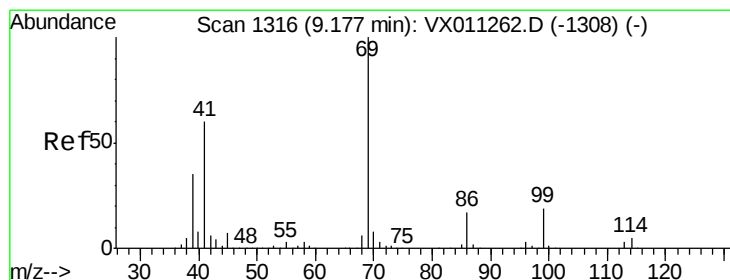
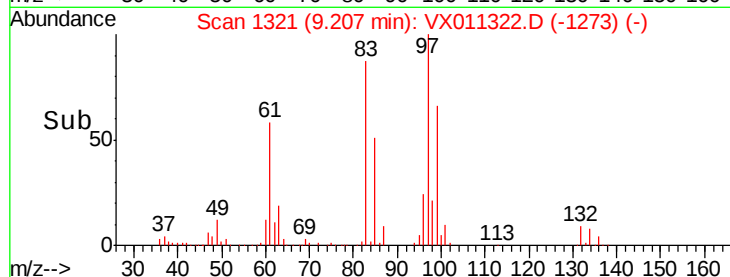
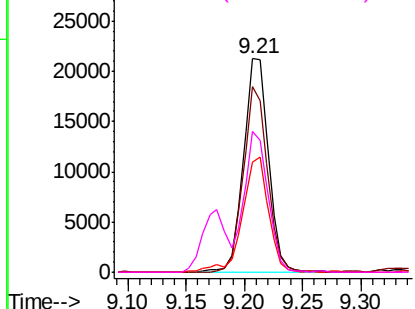
#55
 1,1,2-Trichloroethane
 Concen: 19.498 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 31916
 Ion Ratio Lower Upper
 97 100
 83 86.9 67.6 101.4
 85 50.8 43.4 65.0
 99 66.2 49.6 74.4

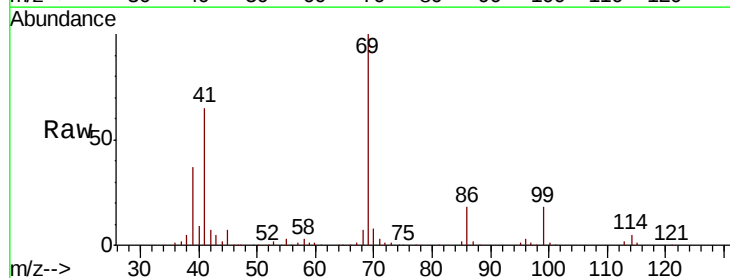


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

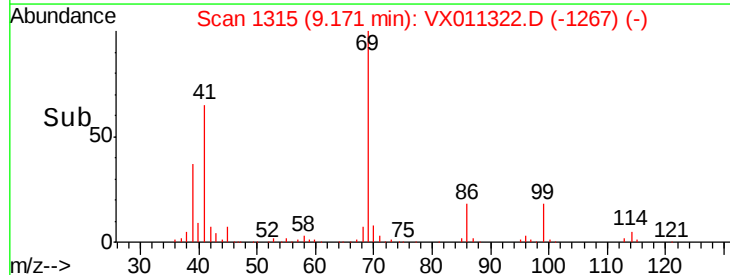
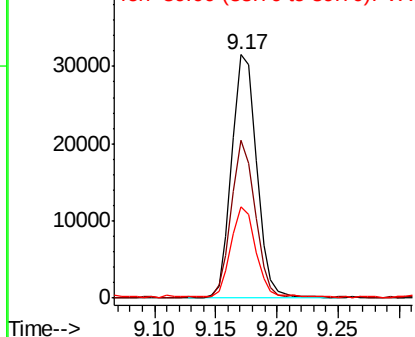


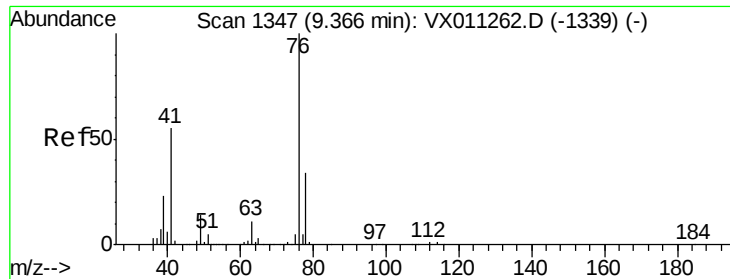
#56
 Ethyl methacrylate
 Concen: 19.151 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Tgt Ion: 69 Resp: 44672
 Ion Ratio Lower Upper
 69 100
 41 61.8 48.6 73.0
 39 36.4 29.4 44.2



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





#57

1,3-Dichloropropane

Concen: 19.359 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

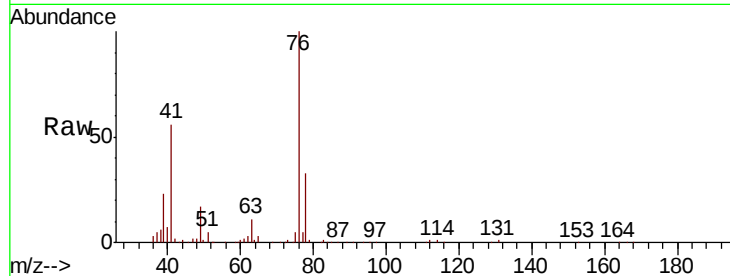
ClientSampleId :

Tot Ion: 76 Resp: 50116

Ion Ratio Lower Upper

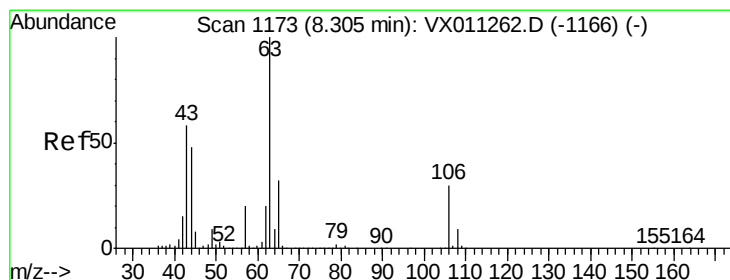
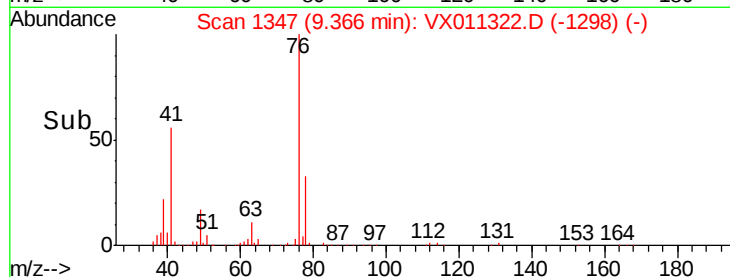
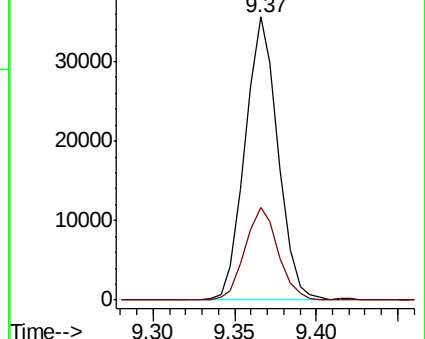
76 100

78 33.4 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 92.523 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011322.D

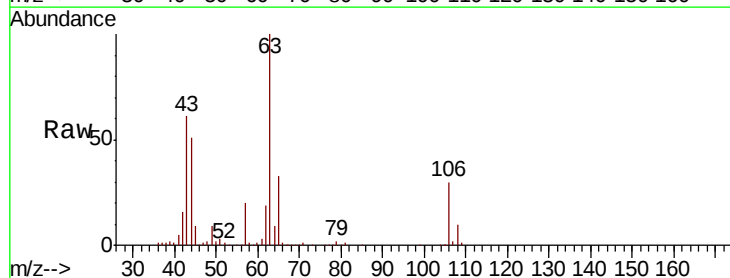
Acq: 05 Aug 2019 11:37

Tgt Ion: 63 Resp: 106119

Ion Ratio Lower Upper

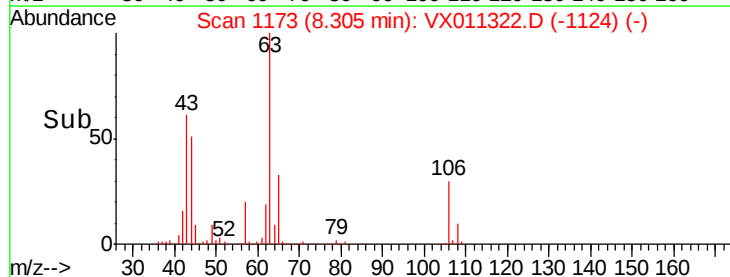
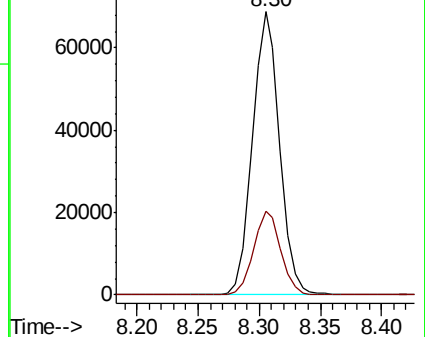
63 100

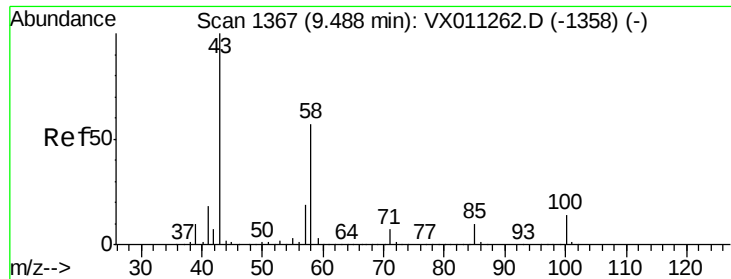
106 29.9 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

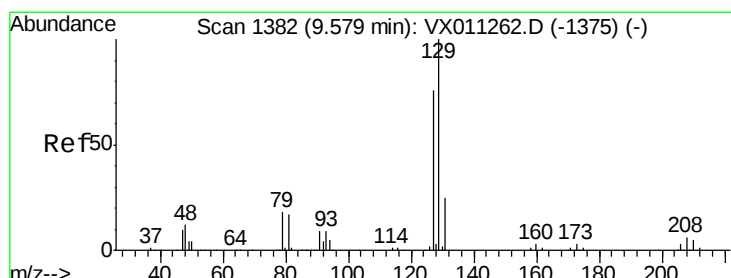
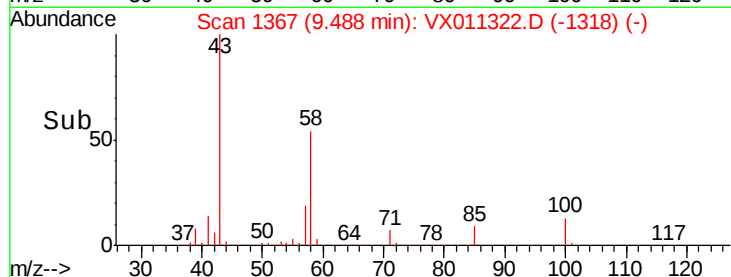
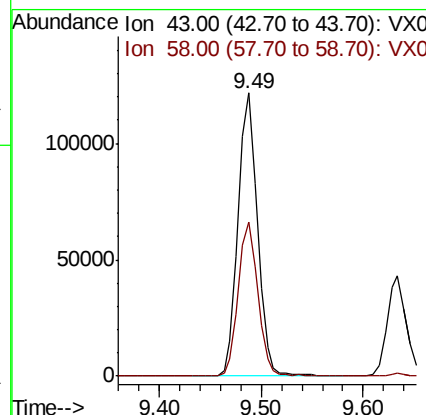
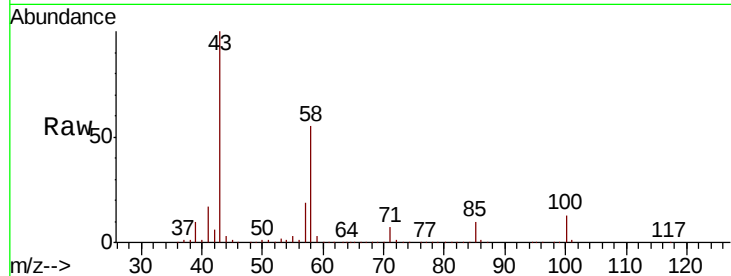




#59
2-Hexanone
Concen: 98.994 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

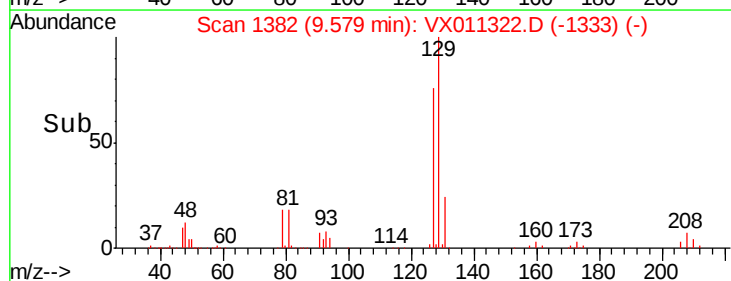
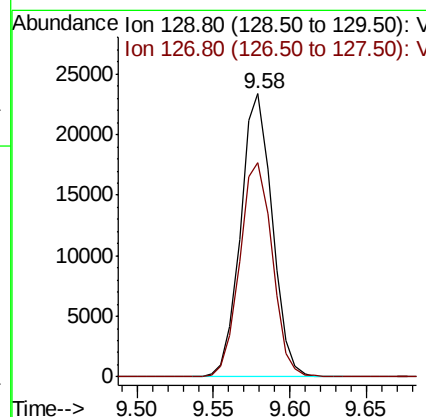
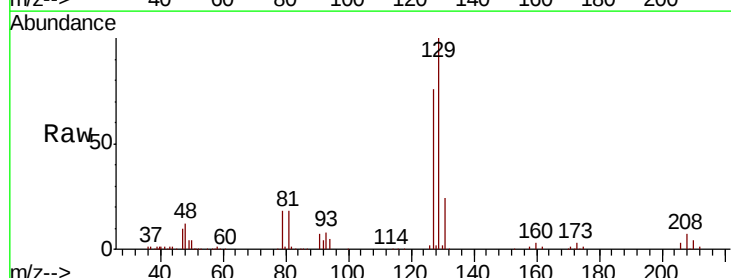
Instrument :
MSVOA_X
ClientSampled :

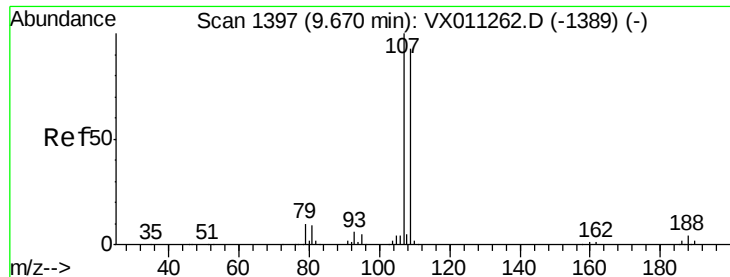
Tot Ion: 43 Resp: 160132
Ion Ratio Lower Upper
43 100
58 54.8 28.2 84.6



#60
Dibromochloromethane
Concen: 19.958 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion:129 Resp: 33447
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6





#61

1,2-Dibromoethane

Concen: 19.644 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

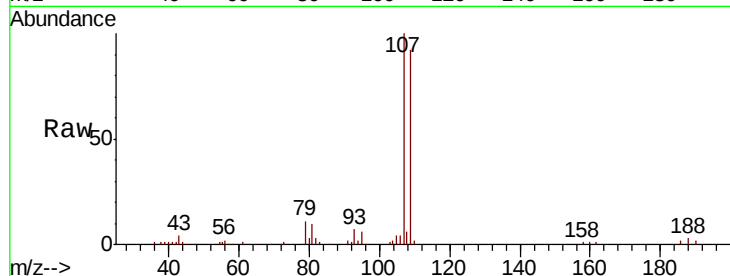
ClientSampleId :

Tot Ion:107 Resp: 34740

Ion Ratio Lower Upper

107 100

109 93.9 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

25000

20000

15000

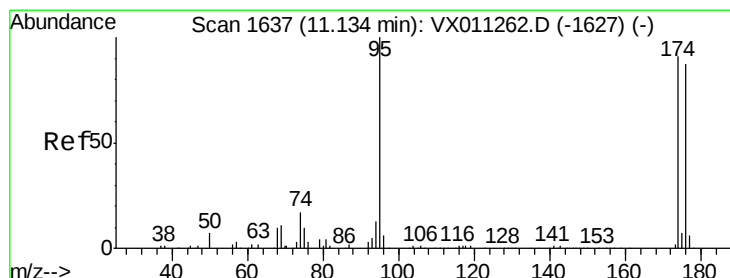
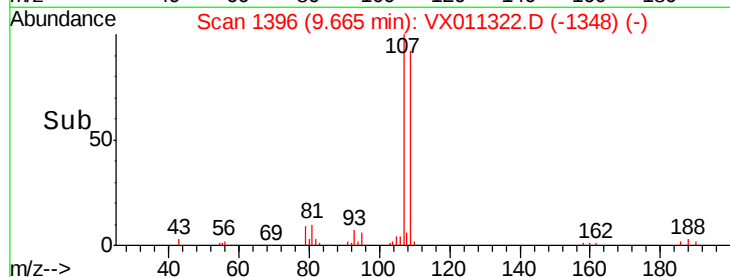
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 51.078 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

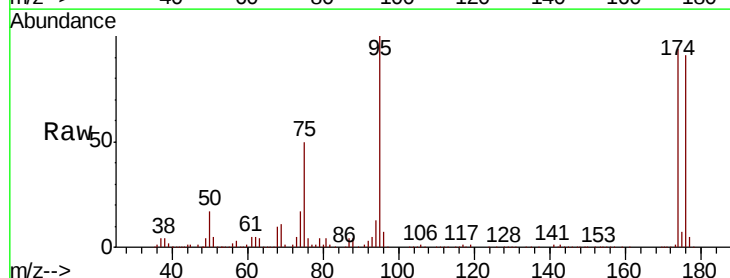
Tgt Ion: 95 Resp: 103868

Ion Ratio Lower Upper

95 100

174 94.1 0.0 191.2

176 91.4 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

100000

80000

60000

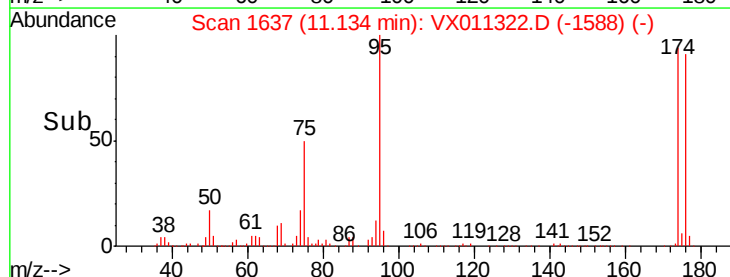
40000

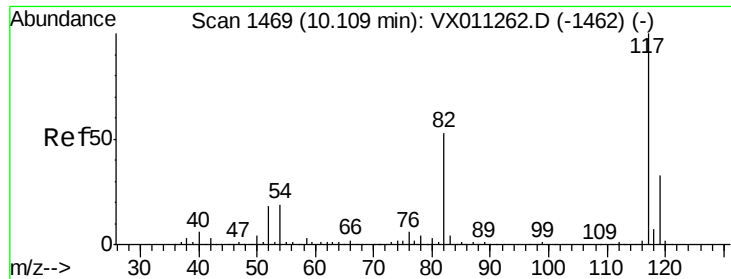
20000

0

11.10 11.20

Time-->

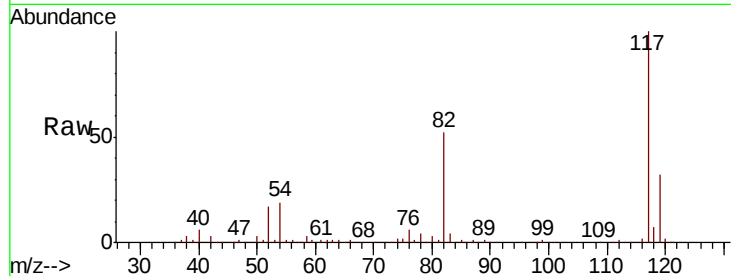




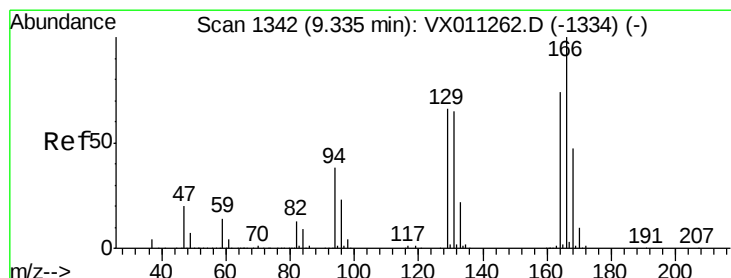
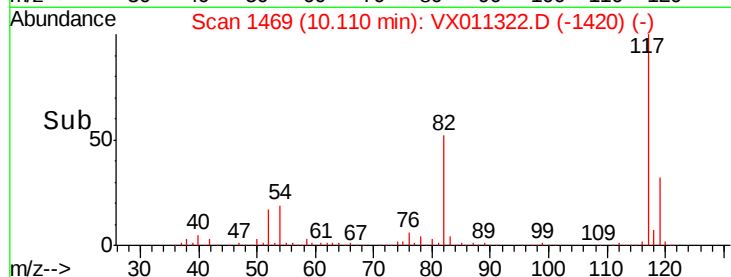
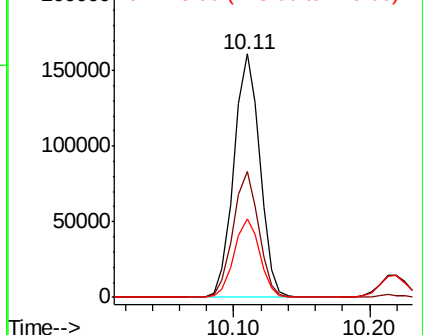
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 214474
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 32.3 26.6 39.8

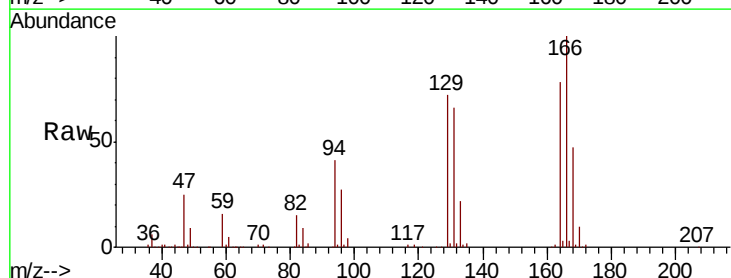


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

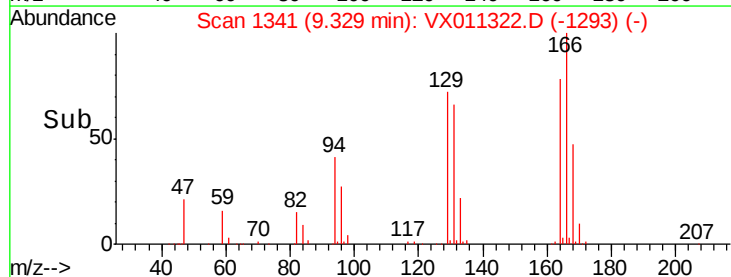
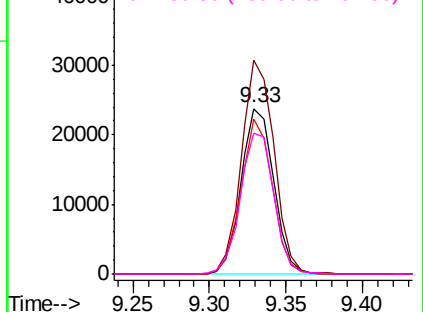


#64
Tetrachloroethene
Concen: 19.334 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion:164 Resp: 35215
Ion Ratio Lower Upper
164 100
166 128.9 107.5 161.3
129 93.4 71.0 106.4
131 85.4 69.8 104.6



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

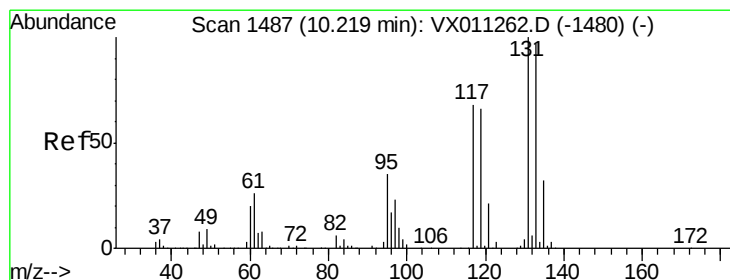
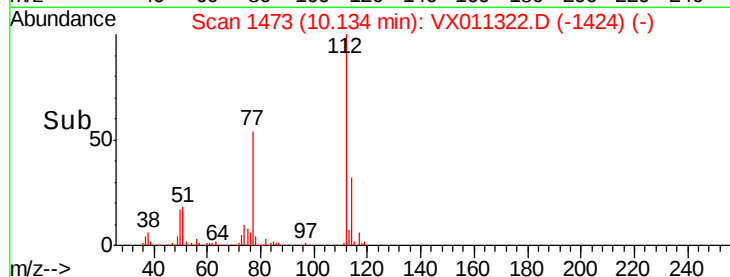
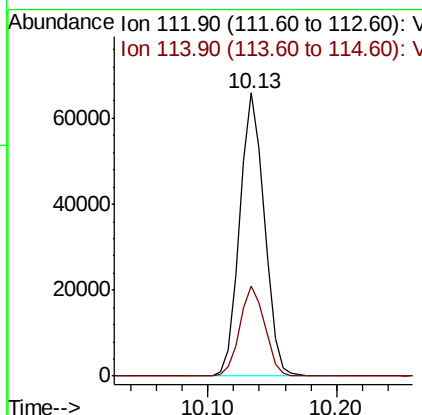
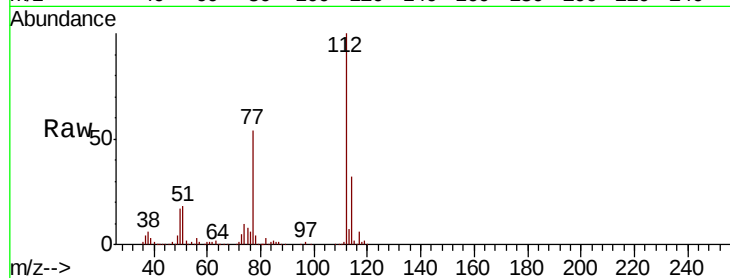




#65
Chlorobenzene
Concen: 19.028 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

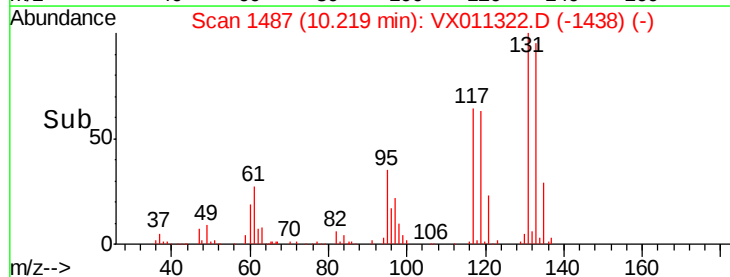
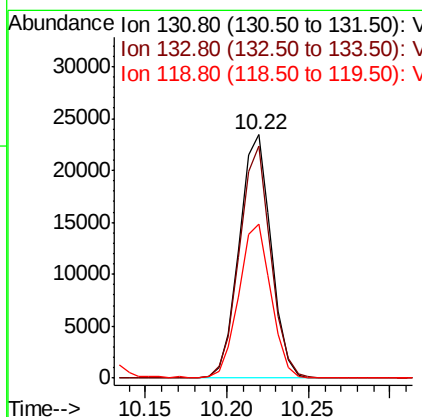
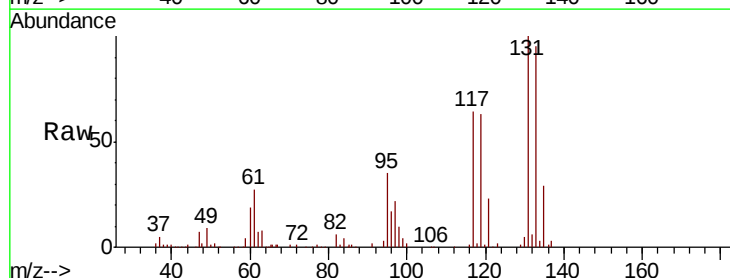
Instrument :
MSVOA_X
ClientSampleId :

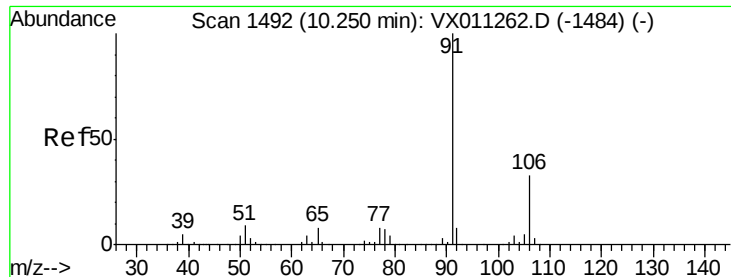
Tot Ion:112 Resp: 87502
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.233 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion:131 Resp: 31854
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 64.3 32.8 98.3





#67

Ethyl Benzene

Concen: 19.279 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

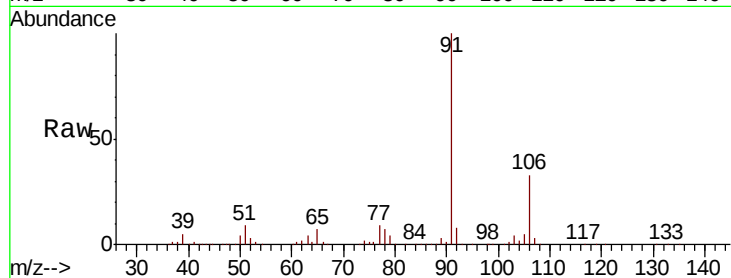
ClientSampleId :

Tot Ion: 91 Resp: 148477

Ion Ratio Lower Upper

91 100

106 32.7 26.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VX011322.D (-1443) (-)

Ion 106.00 (105.70 to 106.70): VX011322.D (-1443) (-)

200000

150000

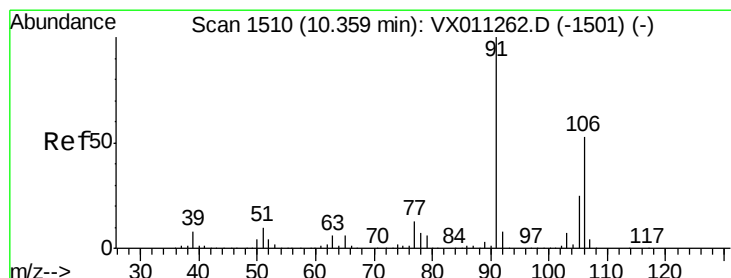
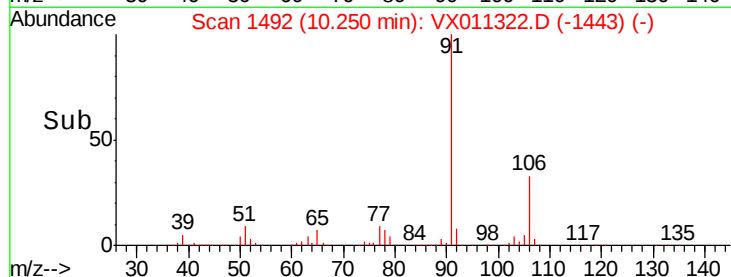
100000

50000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 39.280 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011322.D

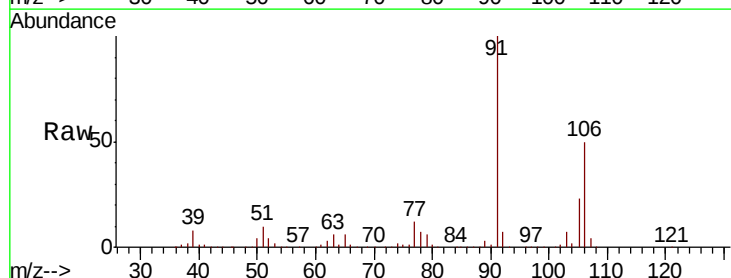
Acq: 05 Aug 2019 11:37

Tgt Ion: 106 Resp: 117012

Ion Ratio Lower Upper

106 100

91 194.2 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): VX011322.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX011322.D (-1461) (-)

200000

150000

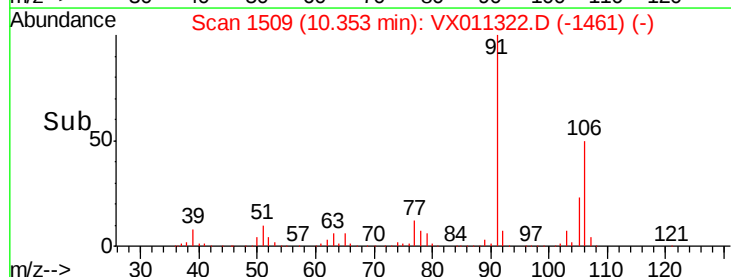
100000

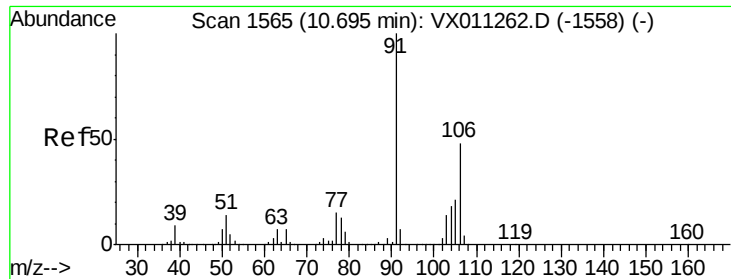
50000

0

10.30 10.35 10.40

Time-->

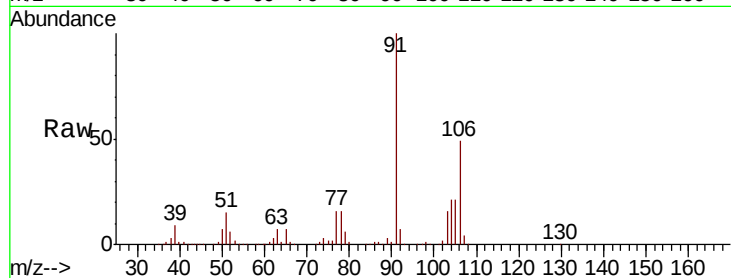




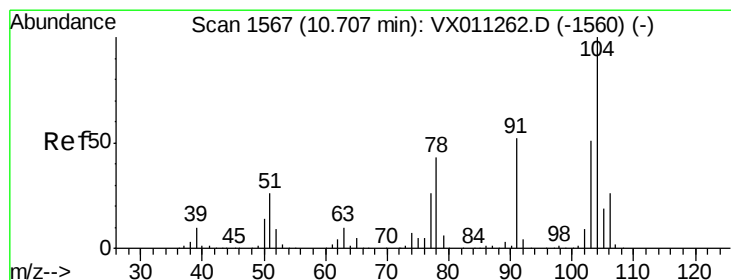
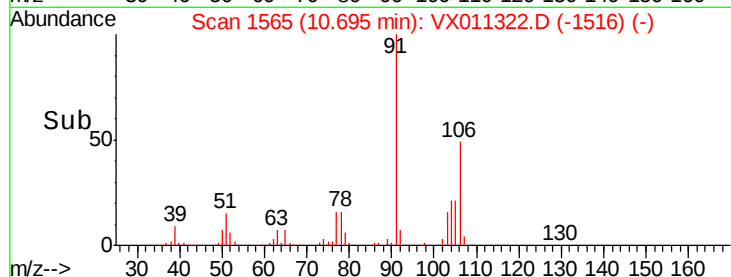
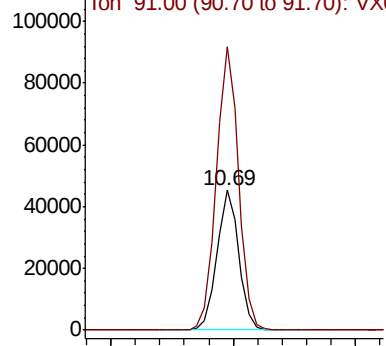
#69
o-Xylene
Concen: 19.130 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 55991
Ion Ratio Lower Upper
106 100
91 205.4 103.8 311.3

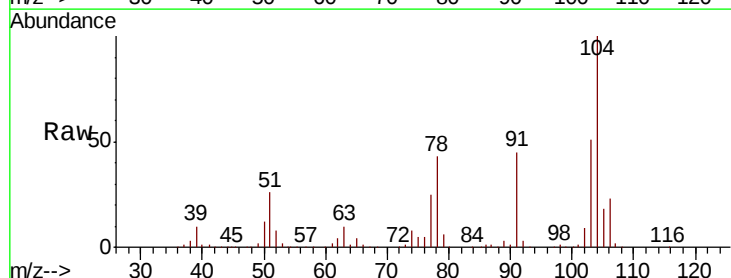


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

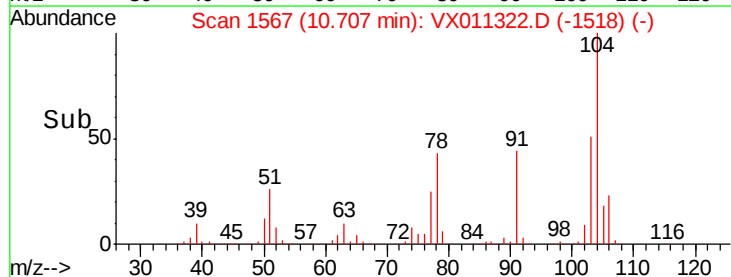
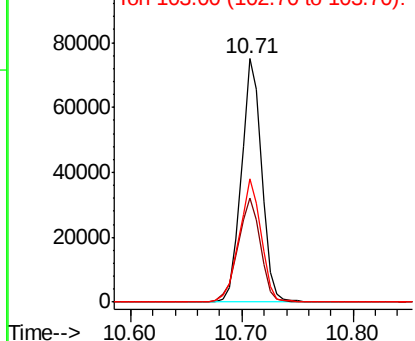


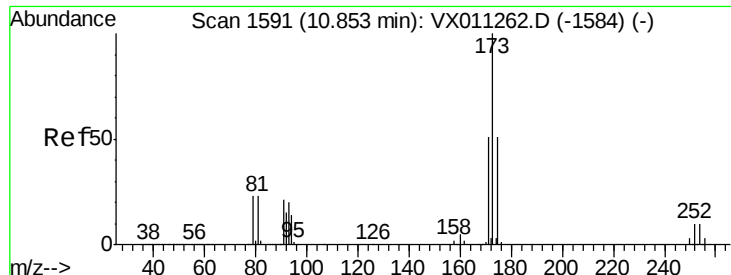
#70
Styrene
Concen: 19.569 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion:104 Resp: 94772
Ion Ratio Lower Upper
104 100
78 47.4 36.9 55.3
103 54.7 44.4 66.6



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





#71

Bromoform

Concen: 19.058 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

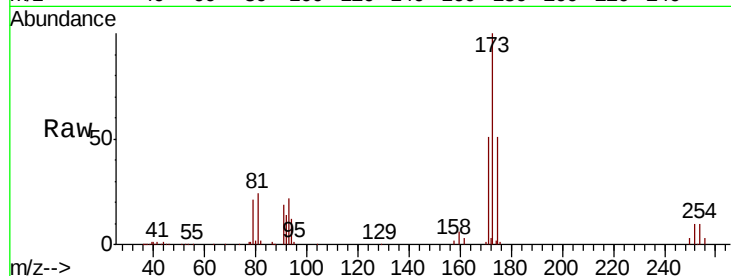
Tot Ion:173 Resp: 24208

Ion Ratio Lower Upper

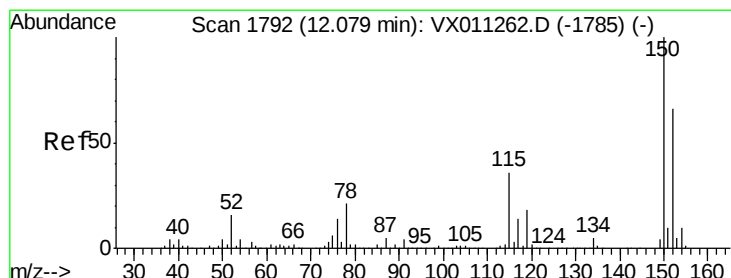
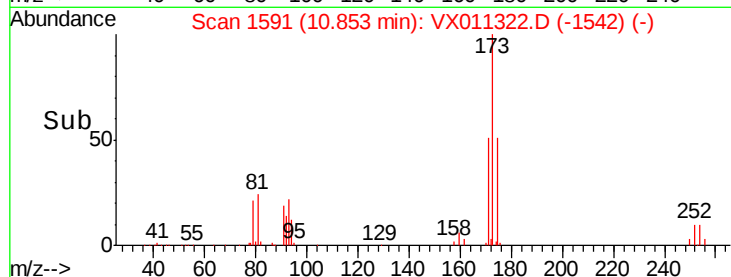
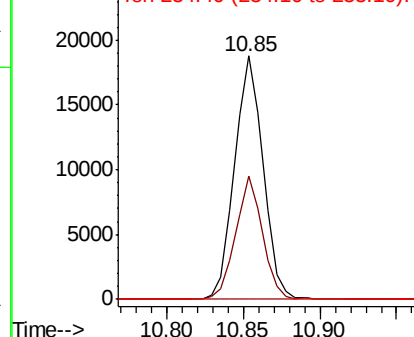
173 100

175 47.9 24.4 73.4

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

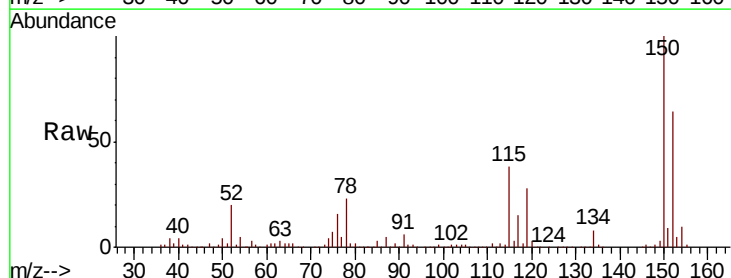
Tgt Ion:152 Resp: 114068

Ion Ratio Lower Upper

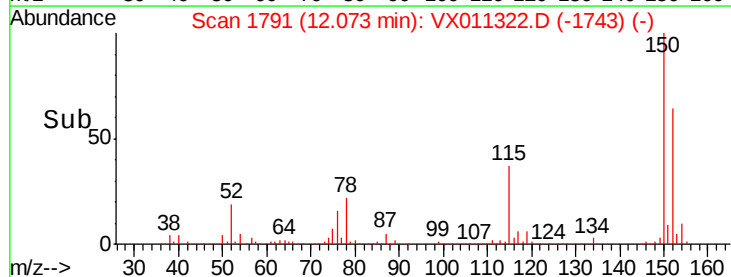
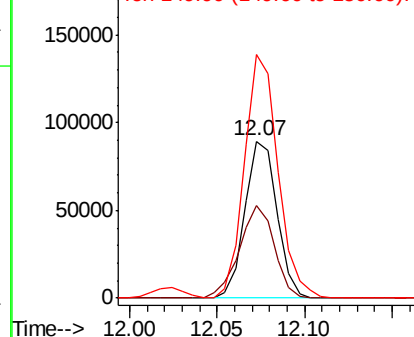
152 100

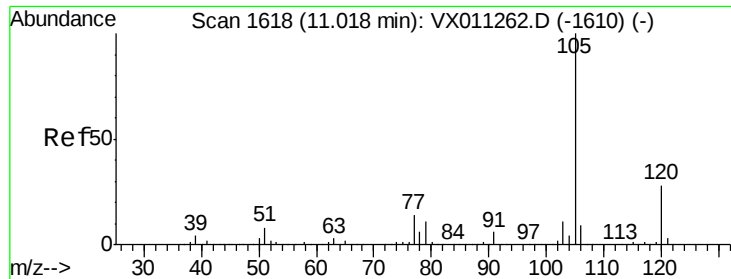
115 64.5 40.0 119.9

150 162.2 0.0 350.4



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: 19.509 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

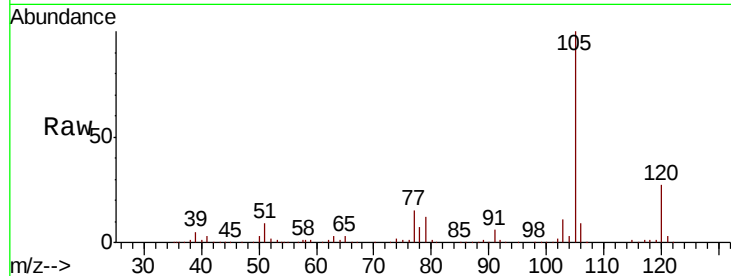
ClientSampled :

Tot Ion:105 Resp: 152202

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

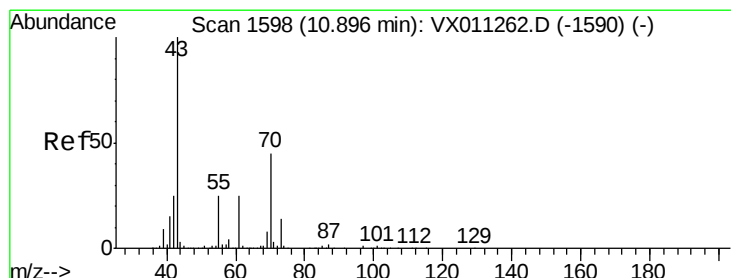
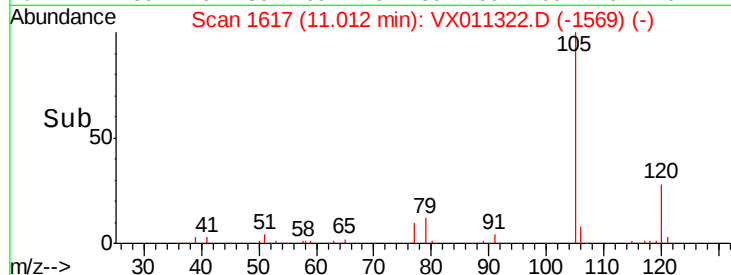
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 19.690 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Tgt Ion: 43 Resp: 55503

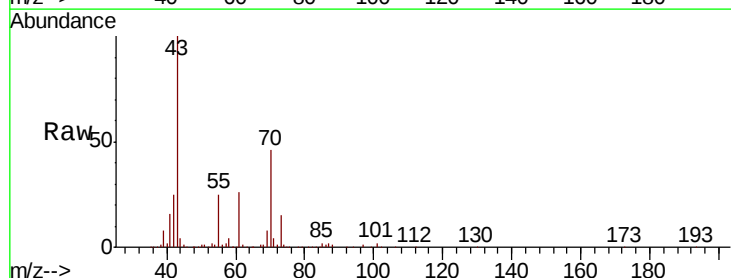
Ion Ratio Lower Upper

43 100

70 43.4 35.9 53.9

55 25.7 19.8 29.6

61 24.9 19.7 29.5



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

60000

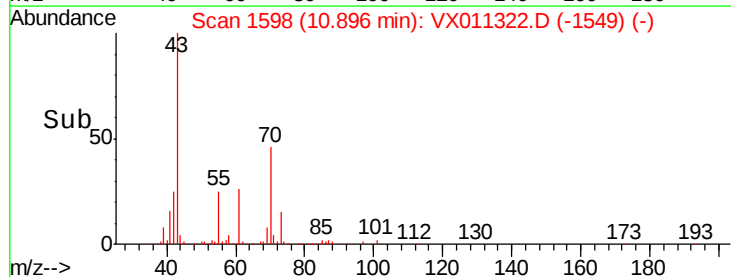
40000

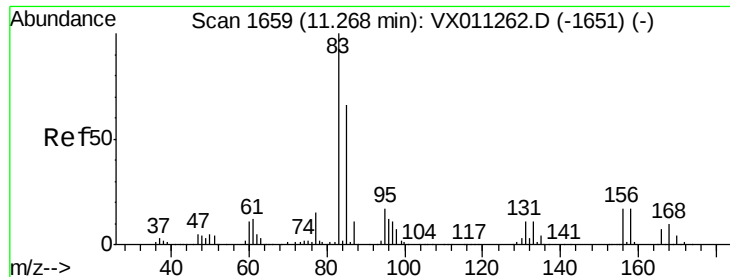
20000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.266 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

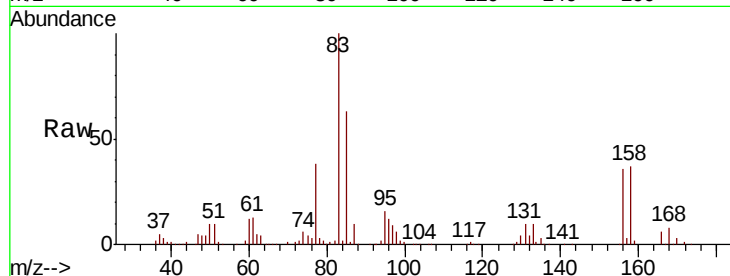
Tot Ion: 83 Resp: 50087

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

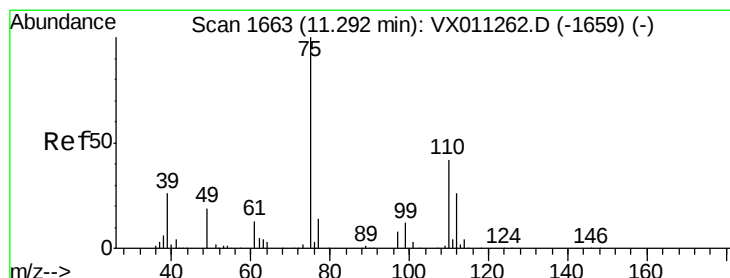
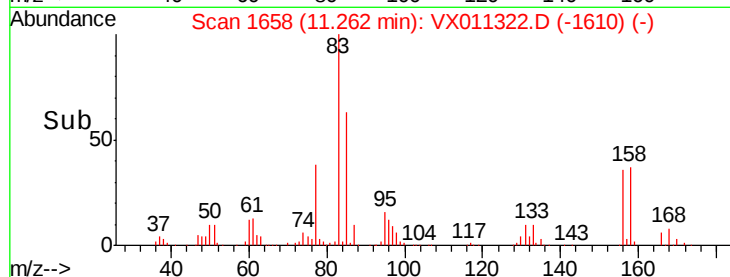
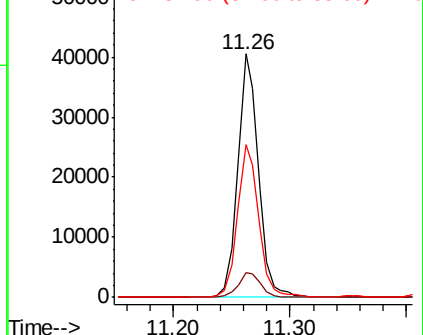
85 64.3 32.1 96.5



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: 24.561 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011322.D

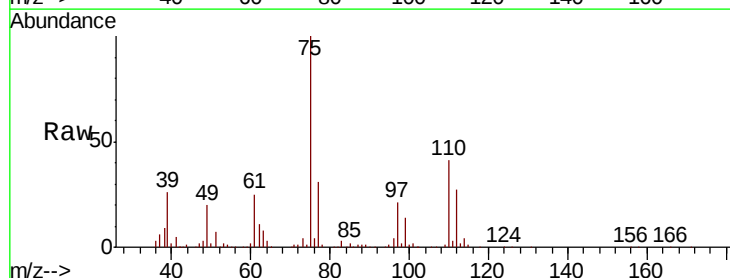
Acq: 05 Aug 2019 11:37

Tgt Ion: 75 Resp: 51020

Ion Ratio Lower Upper

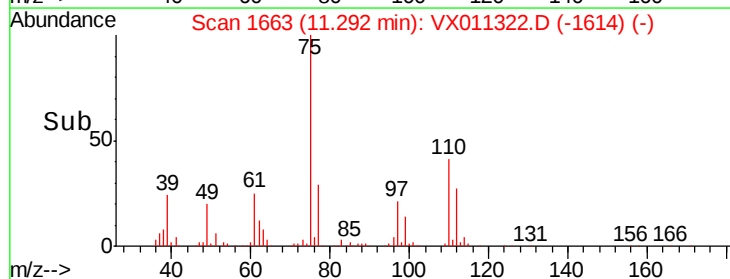
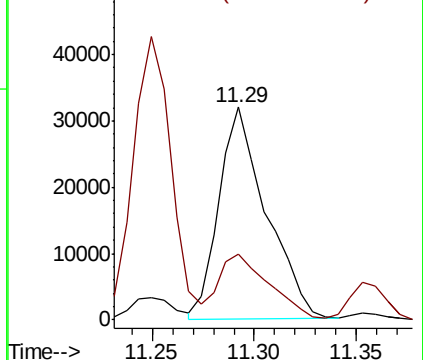
75 100

77 33.3 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.906 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

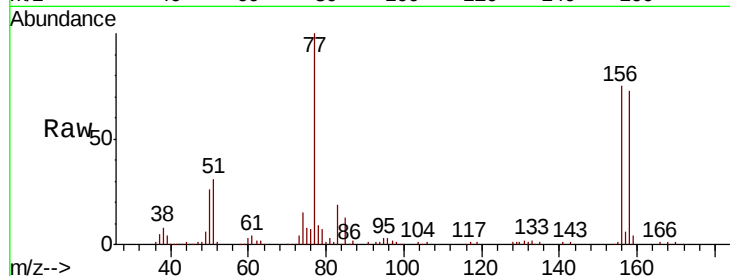
Tot Ion:156 Resp: 40899

Ion Ratio Lower Upper

156 100

77 135.1 66.2 198.6

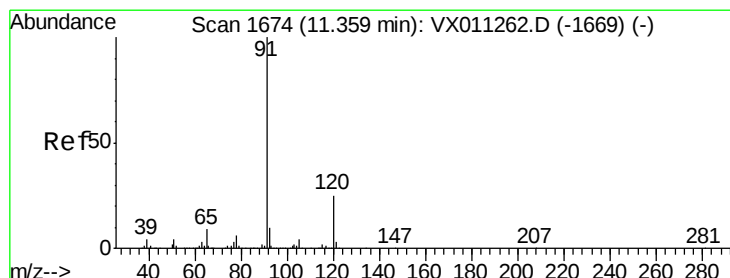
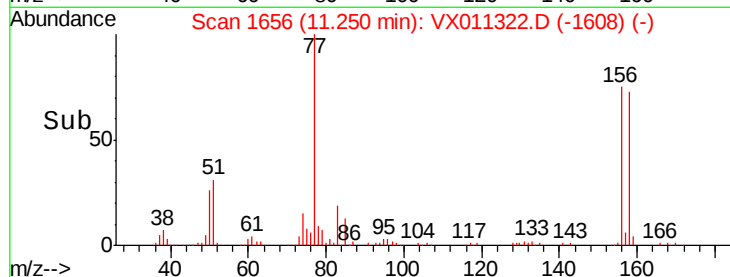
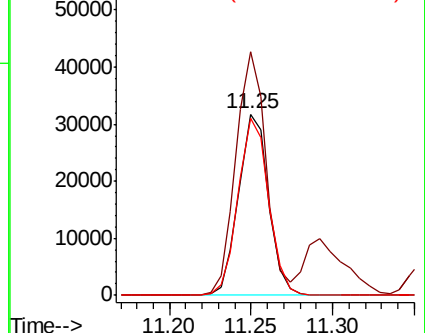
158 99.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.599 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011322.D

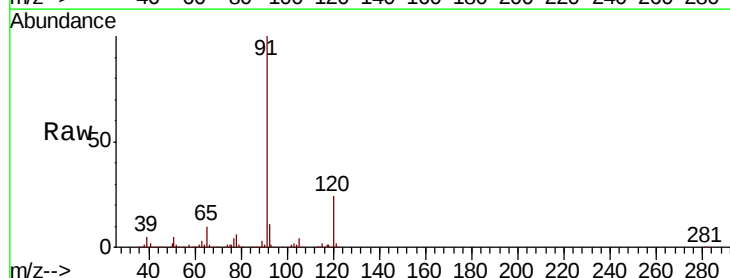
Acq: 05 Aug 2019 11:37

Tgt Ion: 91 Resp: 170039

Ion Ratio Lower Upper

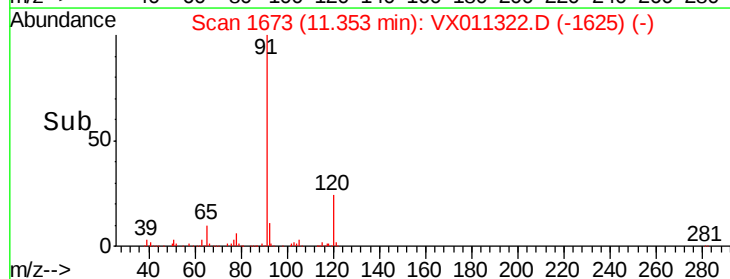
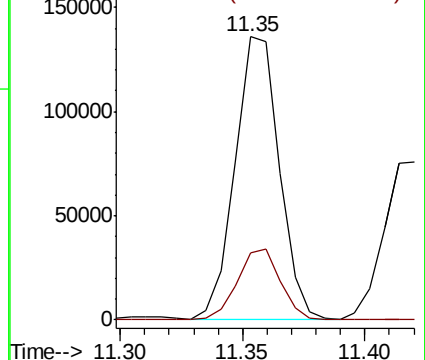
91 100

120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

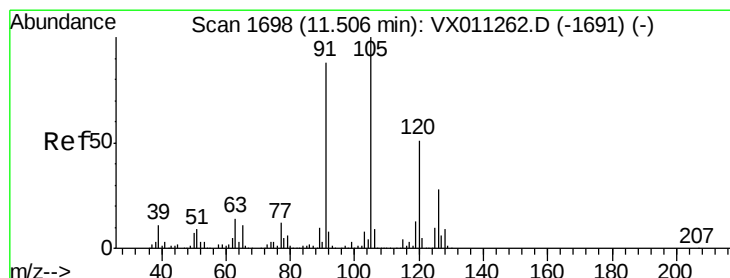
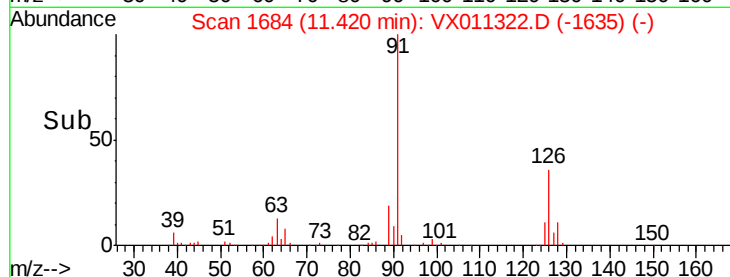
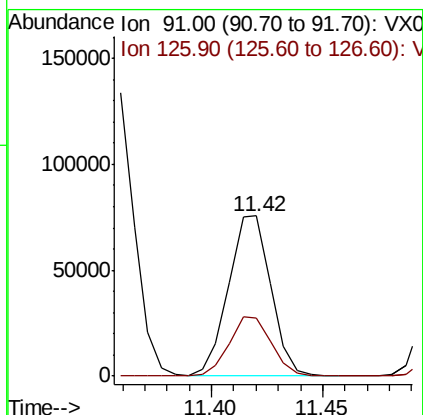
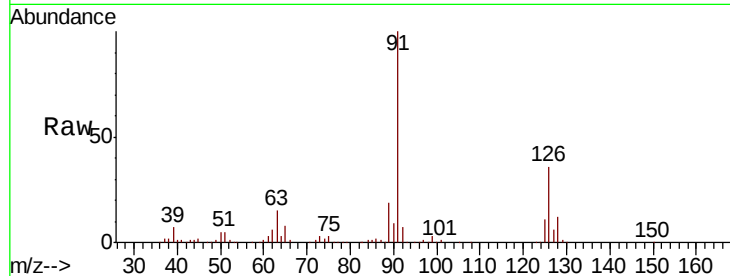




#79
 2-Chlorotoluene
 Concen: 19.313 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

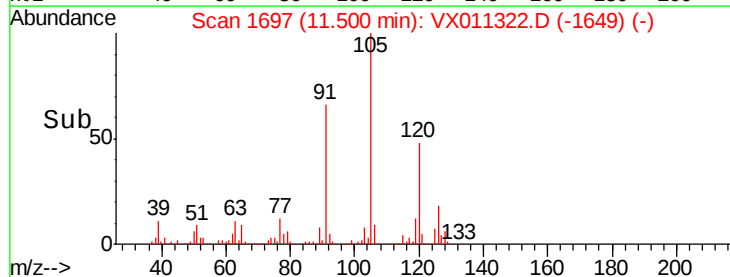
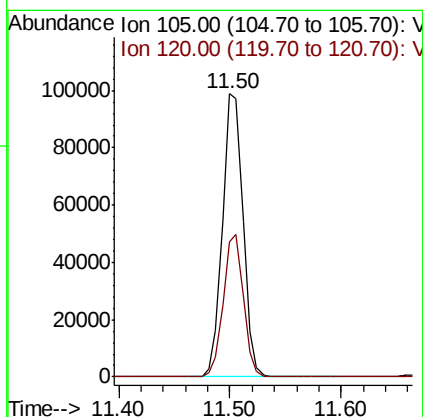
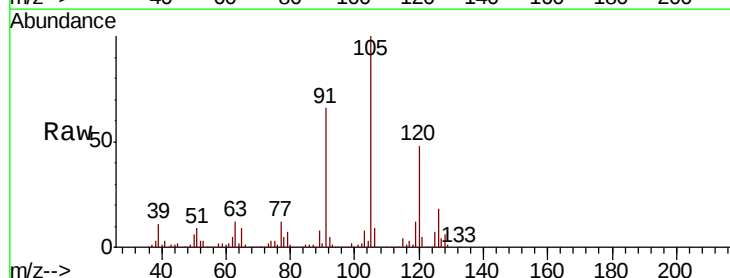
Instrument :
 MSVOA_X
 ClientSampleId :

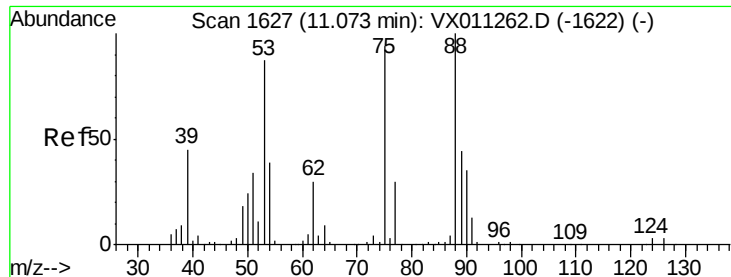
Tot Ion: 91 Resp: 99865
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.396 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Tgt Ion: 105 Resp: 126669
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.008 ug/l

RT: 11.07 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

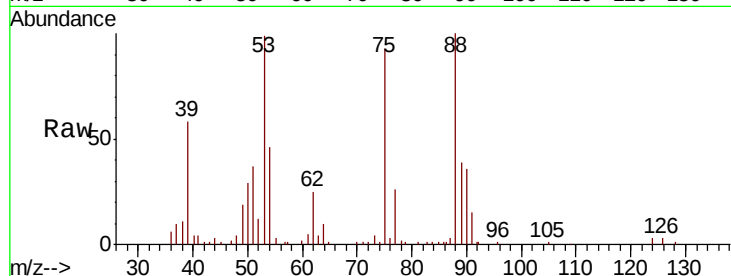
Tot Ion: 75 Resp: 13242

Ion Ratio Lower Upper

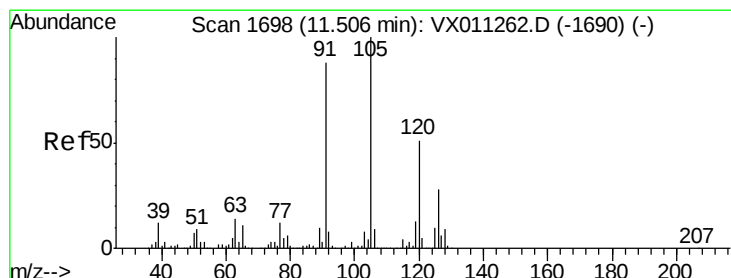
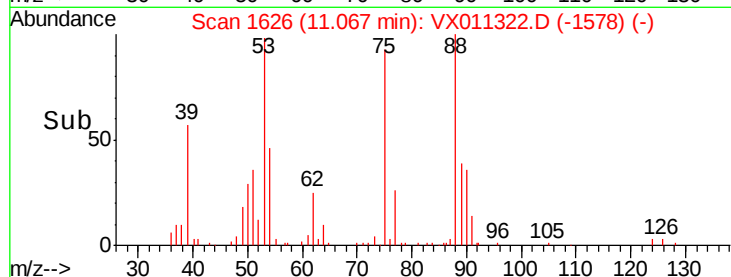
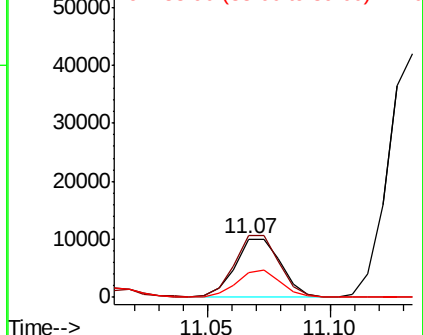
75 100

53 101.8 78.2 117.4

89 45.4 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.775 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011322.D

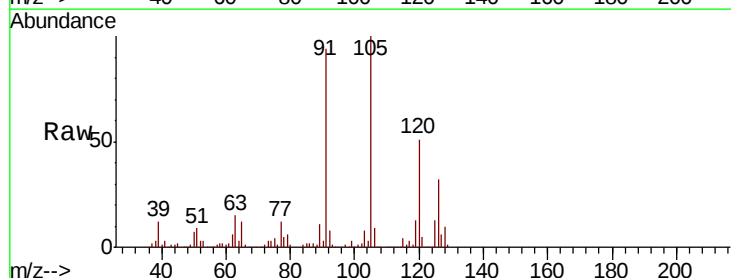
Acq: 05 Aug 2019 11:37

Tgt Ion: 91 Resp: 113144

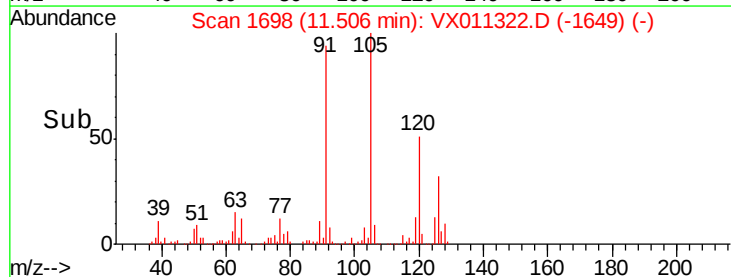
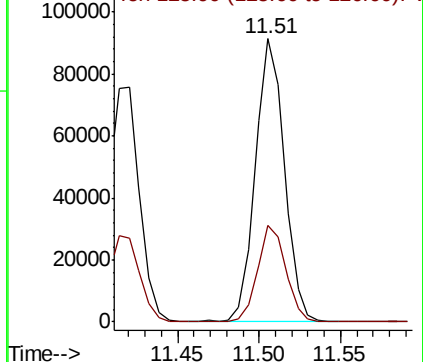
Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

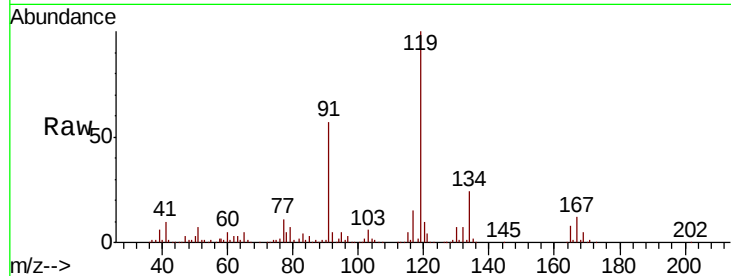




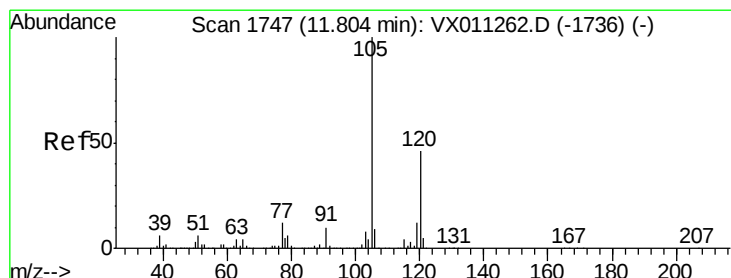
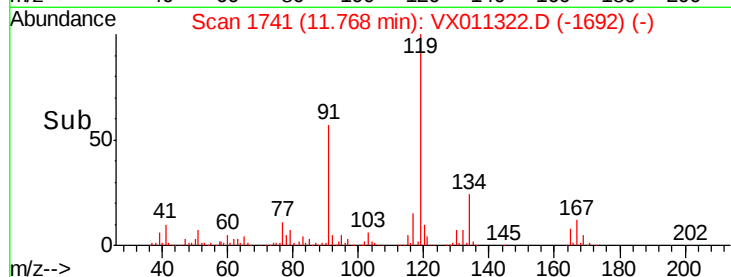
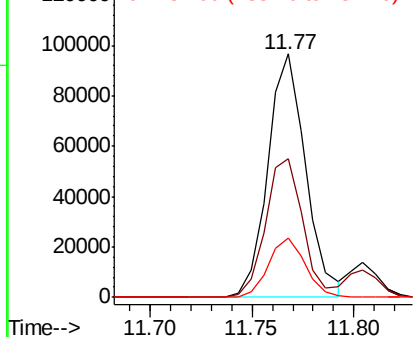
#83
tert-Butylbenzene
Concen: 19.484 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 124794
Ion Ratio Lower Upper
119 100
91 55.8 28.0 84.0
134 23.8 11.9 35.5

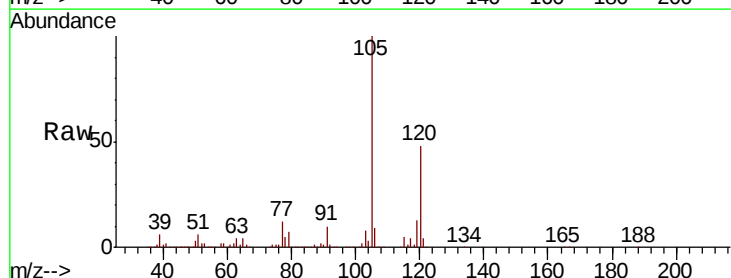


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

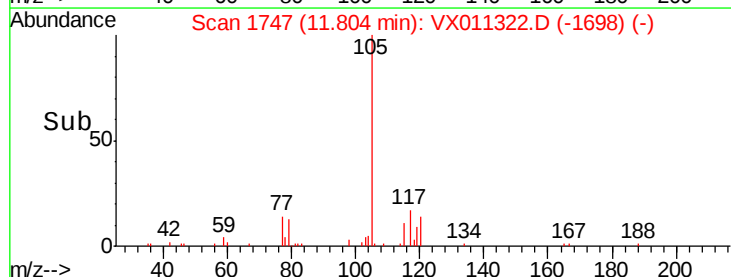
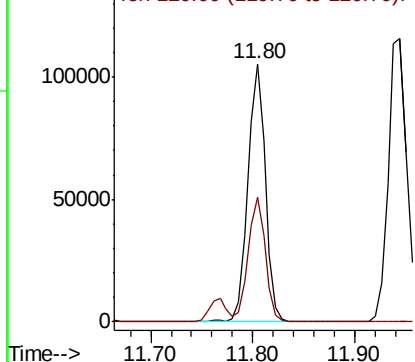


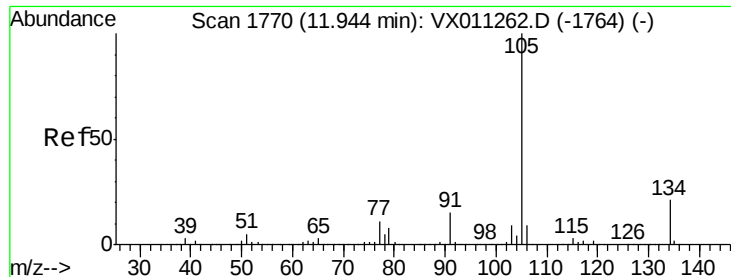
#84
1,2,4-Trimethylbenzene
Concen: 19.339 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion:105 Resp: 125746
Ion Ratio Lower Upper
105 100
120 47.4 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 19.238 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

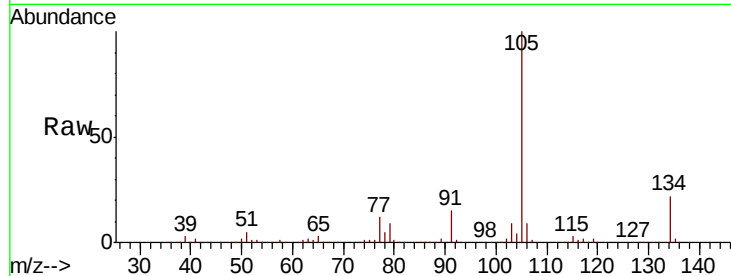
ClientSampled :

Tot Ion:105 Resp: 148044

Ion Ratio Lower Upper

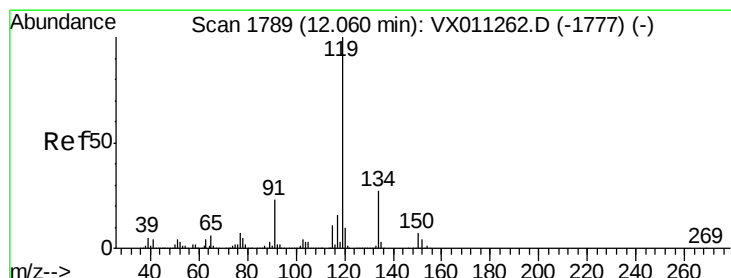
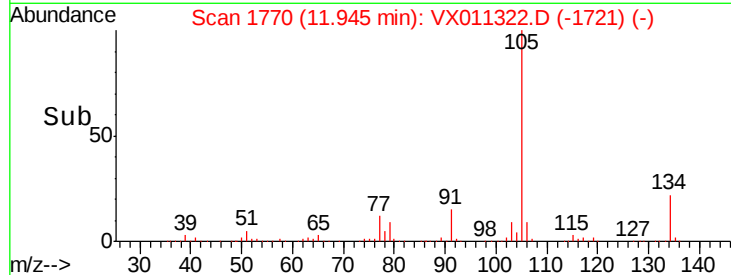
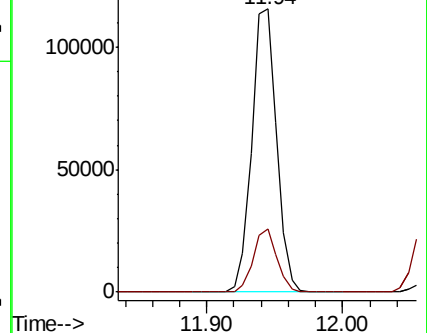
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.644 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

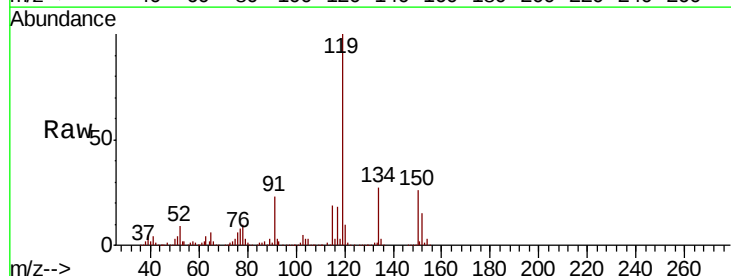
Tgt Ion:119 Resp: 139072

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

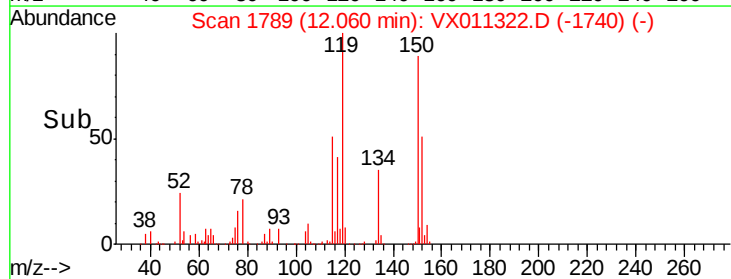
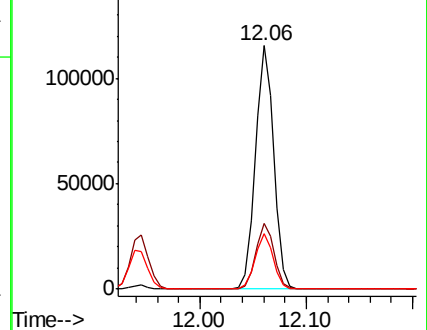
91 22.7 11.4 34.2

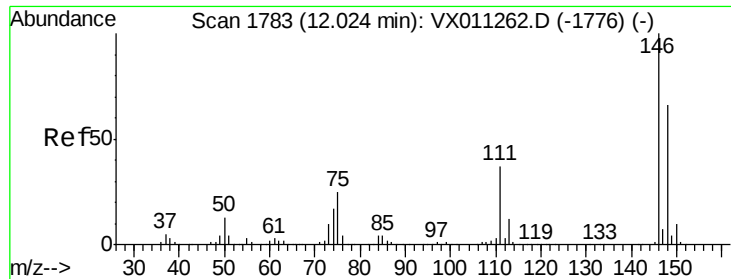


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.373 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

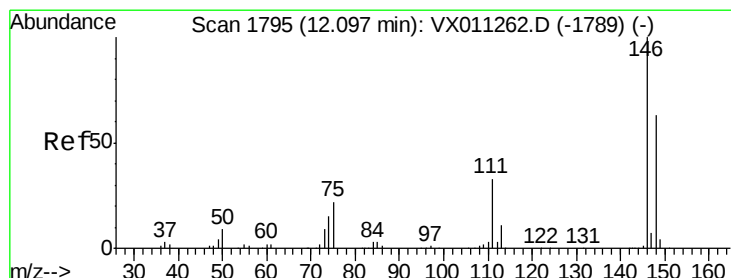
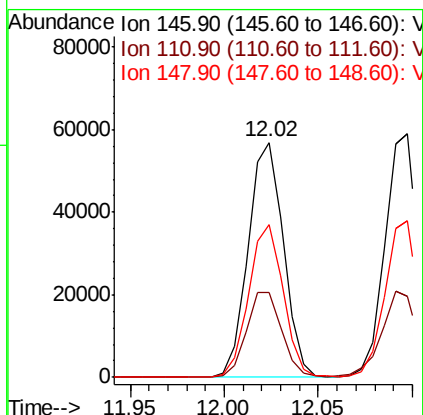
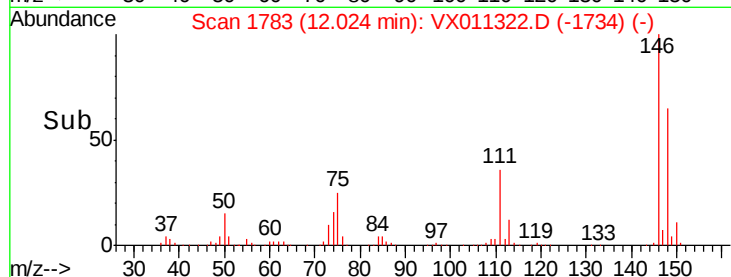
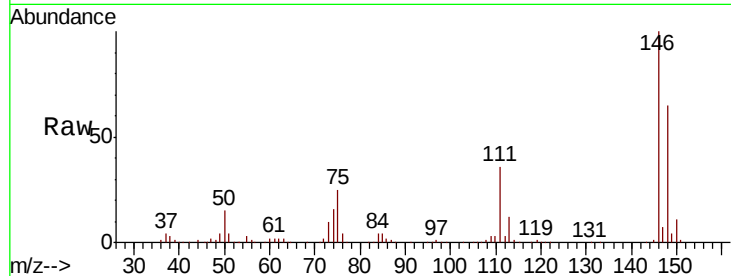
Tot Ion:146 Resp: 74049

Ion Ratio Lower Upper

146 100

111 36.4 18.6 55.8

148 63.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 18.977 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

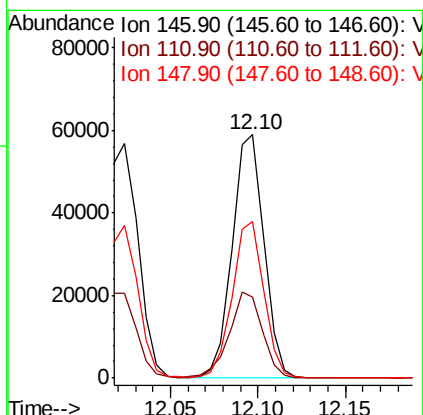
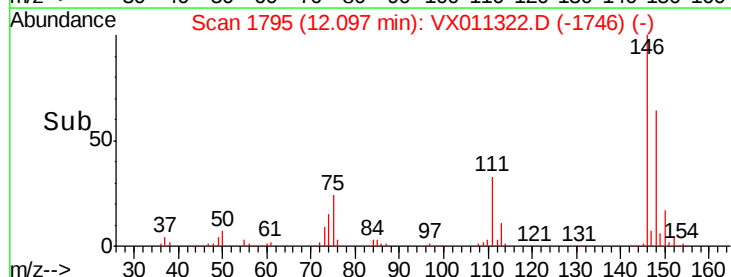
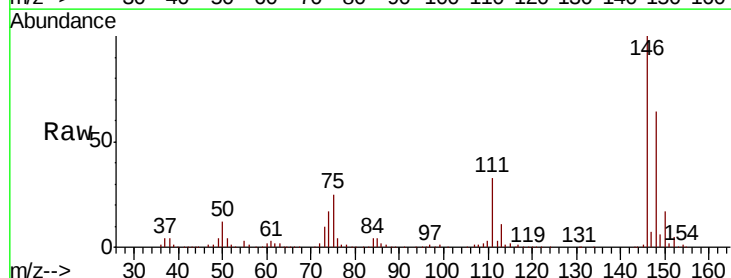
Tgt Ion:146 Resp: 74797

Ion Ratio Lower Upper

146 100

111 37.2 17.8 53.4

148 64.1 31.8 95.3

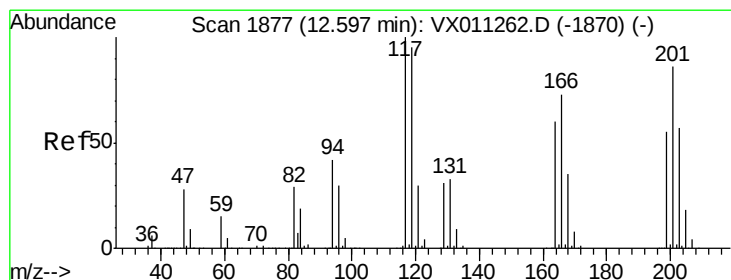
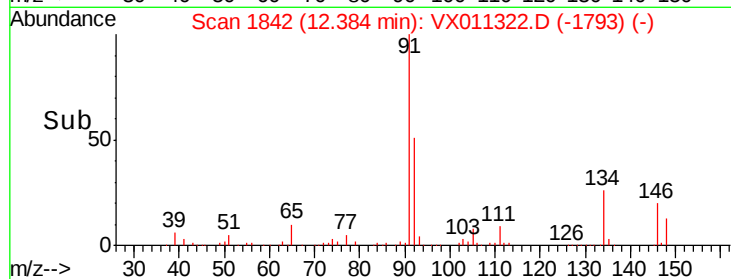
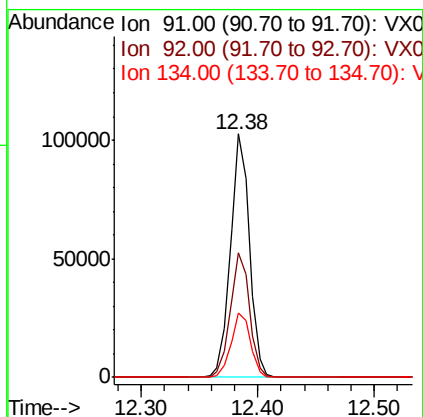
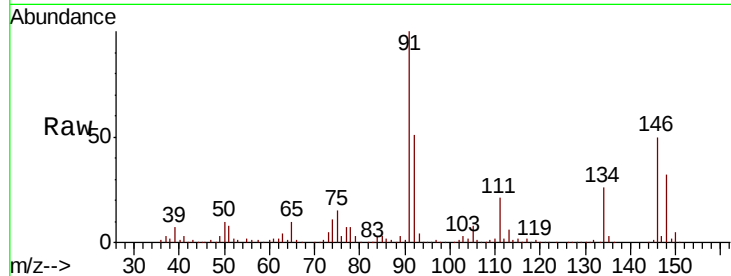




#89
n-Butylbenzene
Concen: 19.140 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

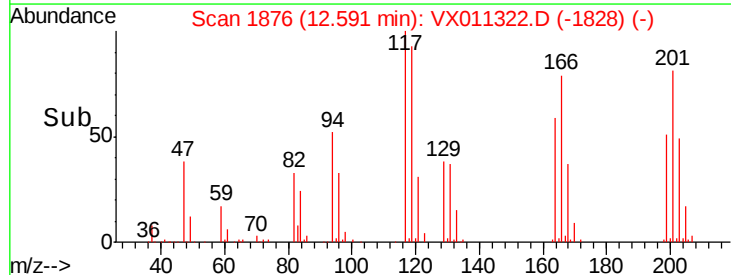
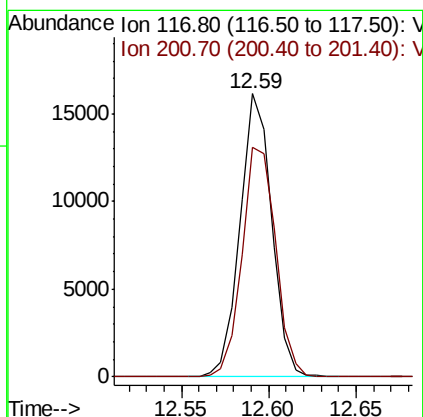
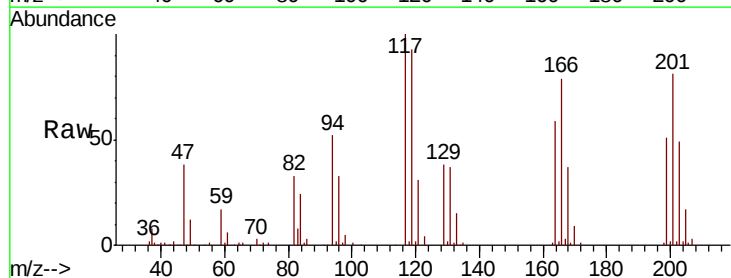
Instrument :
MSVOA_X
ClientSampleId :

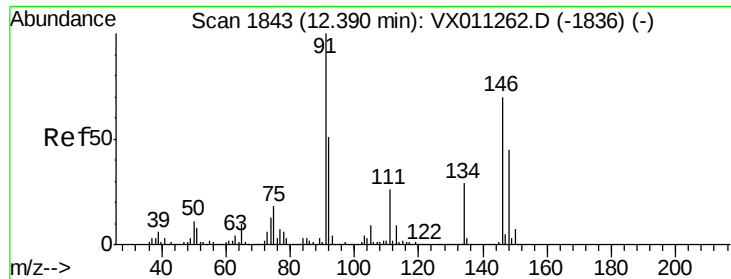
Tot Ion: 91 Resp: 116741
Ion Ratio Lower Upper
91 100
92 51.7 25.8 77.3
134 26.9 13.7 41.0



#90
Hexachloroethane
Concen: 19.442 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011322.D
Acq: 05 Aug 2019 11:37

Tgt Ion: 117 Resp: 20349
Ion Ratio Lower Upper
117 100
201 86.4 41.8 125.4

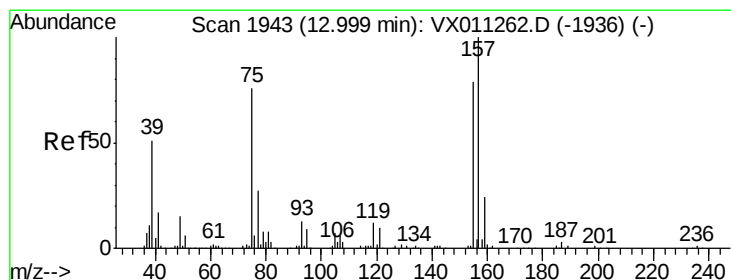
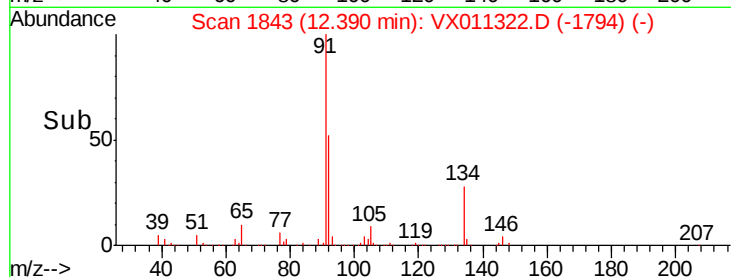
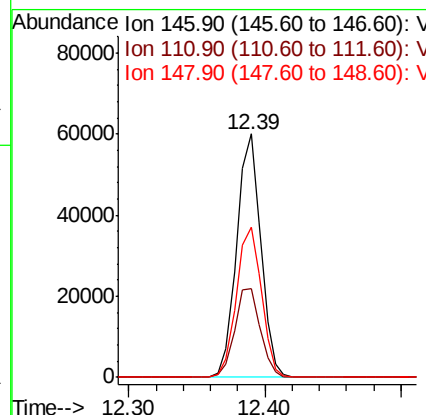
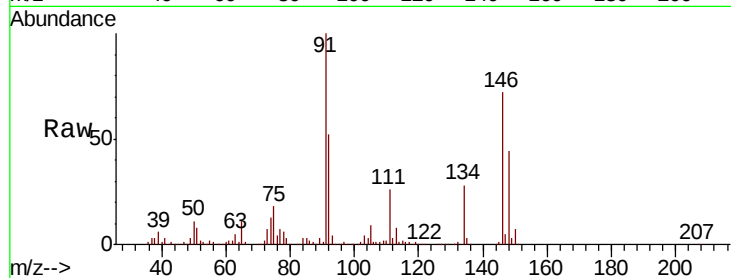




#91
 1,2-Dichlorobenzene
 Concen: 19.259 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

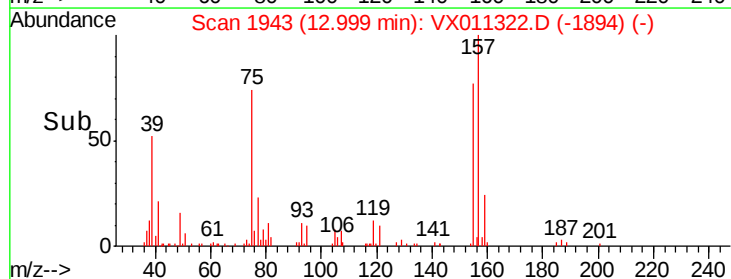
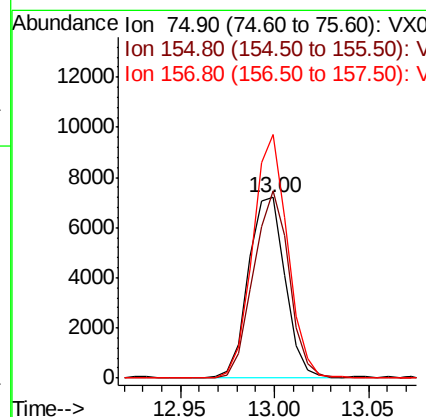
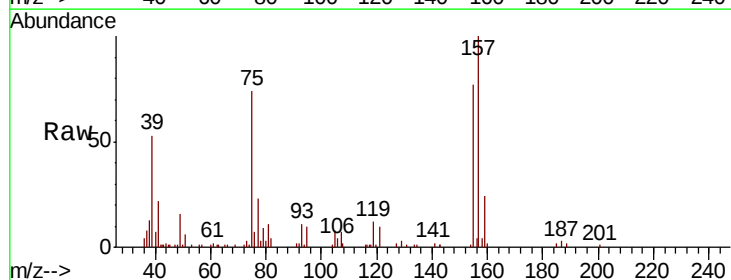
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 73966
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.1
 148 64.1 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.480 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Tgt Ion: 75 Resp: 9812
 Ion Ratio Lower Upper
 75 100
 155 99.2 51.9 155.8
 157 126.8 64.3 192.7

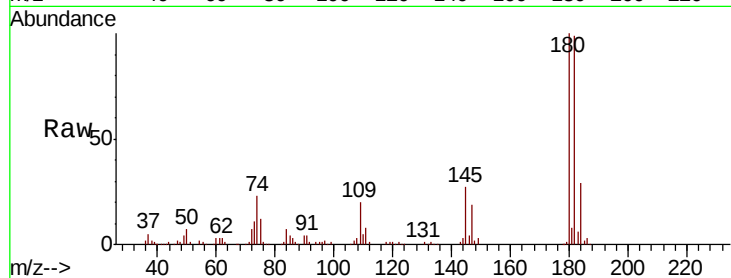




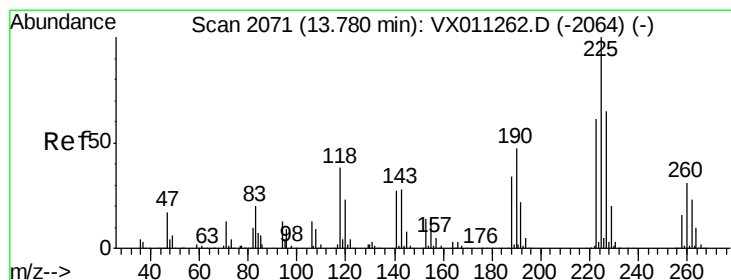
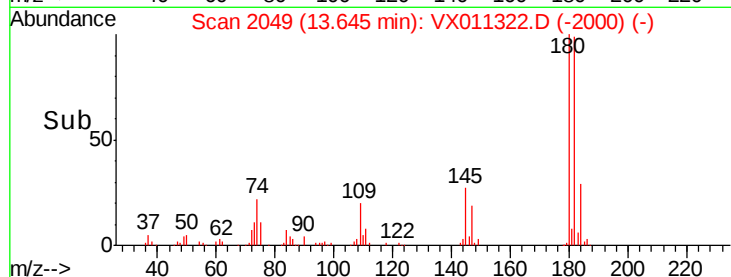
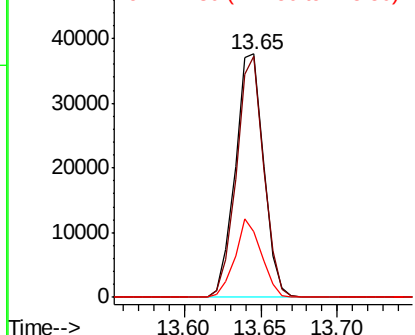
#93
 1,2,4-Trichlorobenzene
 Concen: 18.986 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 48359
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.4
 145 29.9 14.8 44.3

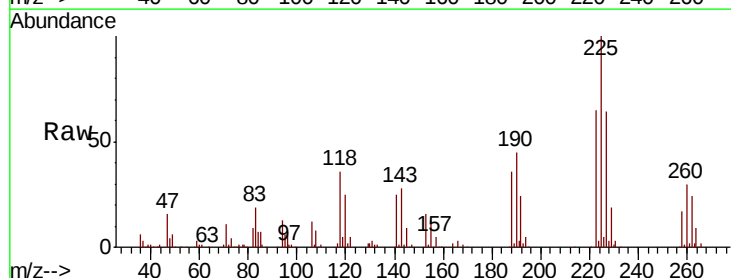


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

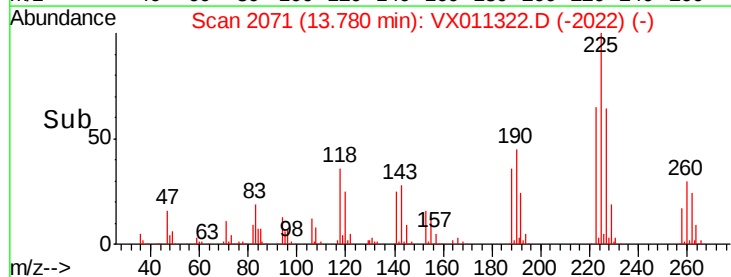
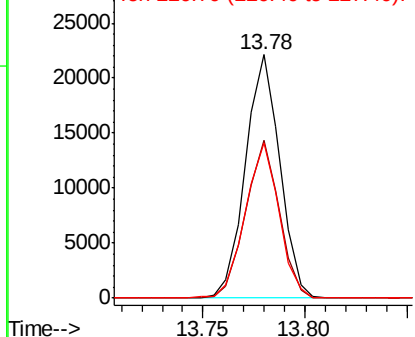


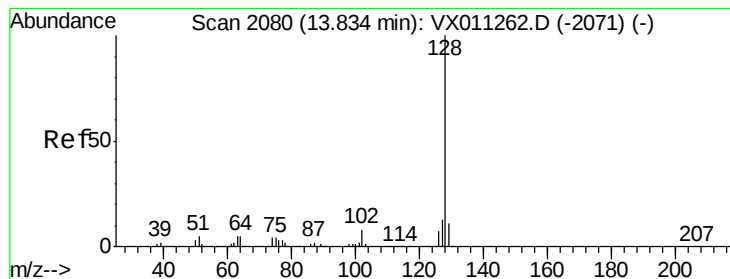
#94
 Hexachlorobutadiene
 Concen: 20.041 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011322.D
 Acq: 05 Aug 2019 11:37

Tgt Ion:225 Resp: 25898
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.0 93.0
 227 63.0 32.2 96.6



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





#95

Naphthalene

Concen: 19.007 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

Instrument :

MSVOA_X

ClientSampled :

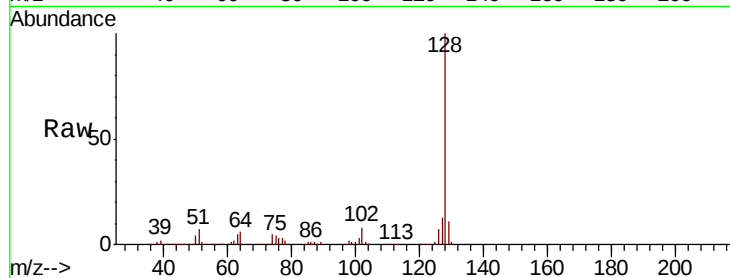
Tot Ion:128 Resp: 141575

Ion Ratio Lower Upper

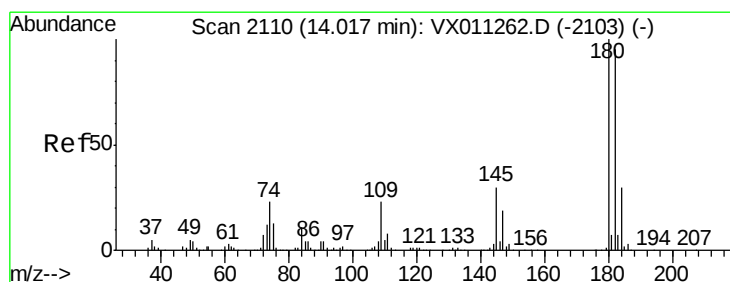
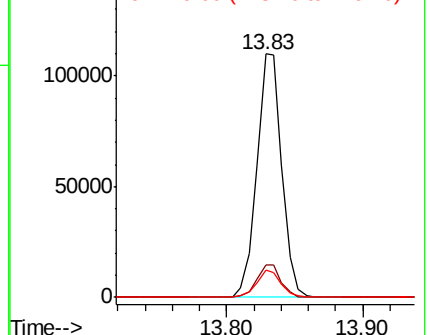
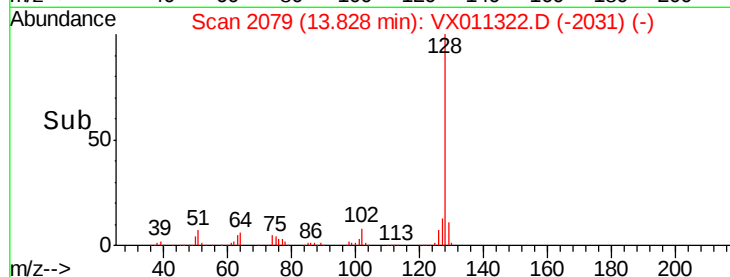
128 100

127 13.0 10.4 15.6

129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
150000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.822 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011322.D

Acq: 05 Aug 2019 11:37

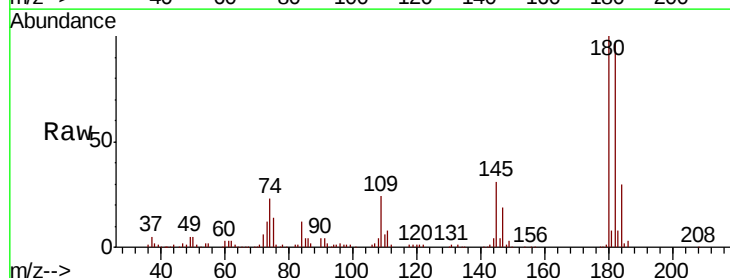
Tgt Ion:180 Resp: 48736

Ion Ratio Lower Upper

180 100

182 96.4 47.4 142.3

145 31.4 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V
50000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

