

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011320.D
 Acq On : 05 Aug 2019 10:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:35:34 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	169934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	238394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125593	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	85496	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	5.49	113	77953	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	8.71	98	300931	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.13	95	111051	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	61076	46.535	ug/l	99
3) Chloromethane	1.32	50	66217	44.928	ug/l	100
4) Vinyl Chloride	1.40	62	74489	45.946	ug/l	99
5) Bromomethane	1.63	94	47185	40.809	ug/l	98
6) Chloroethane	1.71	64	49043	48.799	ug/l	100
7) Trichlorofluoromethane	1.92	101	137757	47.788	ug/l	98
8) Diethyl Ether	2.18	74	46836	45.502	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74308	47.641	ug/l	98
10) Methyl Iodide	2.50	142	83618	42.523	ug/l	100
11) Tert butyl alcohol	3.04	59	80367	235.508	ug/l	100
12) 1,1-Dichloroethene	2.36	96	70374	45.516	ug/l	91
13) Acrolein	2.29	56	49111	231.544	ug/l	98
14) Allyl chloride	2.72	41	105416	51.143	ug/l	99
15) Acrylonitrile	3.13	53	189981	233.294	ug/l	99
16) Acetone	2.43	43	213212	261.752	ug/l	99
17) Carbon Disulfide	2.56	76	179163	49.380	ug/l	99
18) Methyl Acetate	2.76	43	84590	45.442	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	218708	48.001	ug/l	98
20) Methylene Chloride	2.85	84	79669	44.659	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	77013	47.088	ug/l	94
22) Diisopropyl ether	3.85	45	217380	47.985	ug/l	97
23) Vinyl Acetate	3.81	43	965270	256.902	ug/l	99
24) 1,1-Dichloroethane	3.68	63	125323	46.915	ug/l	99
25) 2-Butanone	4.66	43	279224	240.979	ug/l	98
26) 2,2-Dichloropropane	4.57	77	109374	52.672	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	86870	46.113	ug/l	98
28) Bromochloromethane	5.00	49	60586	49.751	ug/l	97
29) Tetrahydrofuran	5.12	42	163602	230.276	ug/l	99
30) Chloroform	5.20	83	138991	47.874	ug/l	99
31) Cyclohexane	5.57	56	106090	48.139	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	123195	49.534	ug/l	99
36) 1,1-Dichloropropene	5.79	75	100510	48.290	ug/l	100
37) Ethyl Acetate	4.82	43	100804	48.282	ug/l	99
38) Carbon Tetrachloride	5.77	117	111283	53.143	ug/l	97

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 MSVOA_X
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 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	119786	48.552	ug/l	97
40) Benzene	6.13	78	304779	49.070	ug/l	98
41) Methacrylonitrile	5.03	41	55227	48.436	ug/l	98
42) 1,2-Dichloroethane	6.18	62	104499	49.755	ug/l	99
43) Isopropyl Acetate	6.43	43	163570	49.004	ug/l	100
44) Trichloroethene	7.21	130	89937	47.839	ug/l	100
45) 1,2-Dichloropropane	7.51	63	76755	47.717	ug/l	98
46) Dibromomethane	7.65	93	56226	47.882	ug/l	99
47) Bromodichloromethane	7.89	83	104835	52.730	ug/l	98
48) Methyl methacrylate	7.76	41	80604	51.312	ug/l	98
49) 1,4-Dioxane	7.73	88	39864	875.347	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	542857	252.004	ug/l	100
52) Toluene	8.78	92	206073	50.181	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	115771	50.001	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	126891	54.638	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	83634	49.533	ug/l	99
56) Ethyl methacrylate	9.17	69	123807	51.455	ug/l	98
57) 1,3-Dichloropropane	9.37	76	132212	49.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	275205	232.620	ug/l	100
59) 2-Hexanone	9.49	43	432142	258.994	ug/l	99
60) Dibromochloromethane	9.58	129	95034	54.976	ug/l	97
61) 1,2-Dibromoethane	9.67	107	91163	49.975	ug/l	98
64) Tetrachloroethene	9.33	164	90784	47.455	ug/l	97
65) Chlorobenzene	10.13	112	231800	47.992	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	85363	51.624	ug/l	99
67) Ethyl Benzene	10.25	91	401259	49.606	ug/l	100
68) m/p-Xylenes	10.35	106	316054	101.014	ug/l	99
69) o-Xylene	10.69	106	152047	49.459	ug/l	100
70) Styrene	10.71	104	263870	51.875	ug/l	99
71) Bromoform	10.85	173	73098	49.472	ug/l #	99
73) Isopropylbenzene	11.01	105	415880	48.416	ug/l	100
74) N-amyl acetate	10.90	43	157257	50.667	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	133881	46.771	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	147287	64.396	ug/l	84
77) Bromobenzene	11.25	156	111847	46.958	ug/l	97
78) n-propylbenzene	11.35	91	471784	49.390	ug/l	99
79) 2-Chlorotoluene	11.42	91	273300	48.003	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	353039	49.098	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41560	48.655	ug/l	98
82) 4-Chlorotoluene	11.51	91	324980	48.978	ug/l	98
83) tert-Butylbenzene	11.77	119	347765	49.313	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	356712	49.827	ug/l	100
85) sec-Butylbenzene	11.94	105	416504	49.157	ug/l	99
86) p-Isopropyltoluene	12.06	119	393533	50.486	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	203191	48.281	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204678	47.164	ug/l	99
89) n-Butylbenzene	12.38	91	344056	51.233	ug/l	99
90) Hexachloroethane	12.59	117	63578	55.169	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	196049	46.362	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27716	49.976	ug/l	98

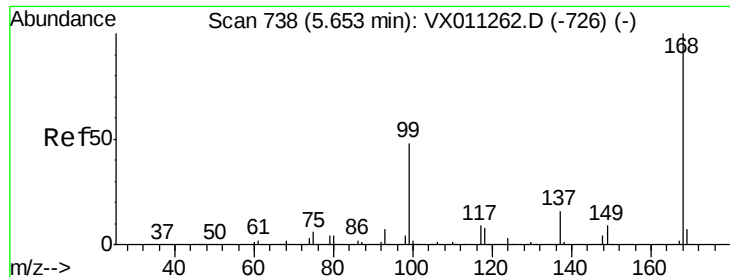
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
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QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138745	49.475	ug/l	100
94) Hexachlorobutadiene	13.78	225	72313	50.824	ug/l	98
95) Naphthalene	13.83	128	409908	49.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	139992	49.103	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

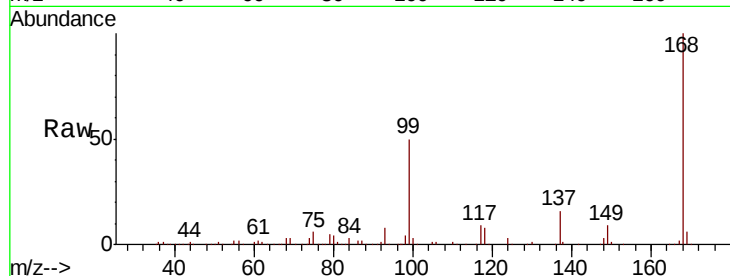
ClientSampleId :

Tot Ion:168 Resp: 169934

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

5.65

60000

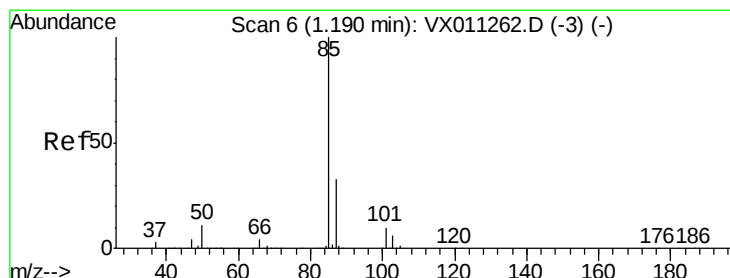
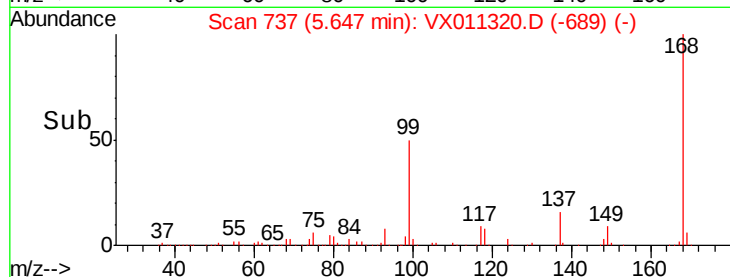
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.535 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011320.D

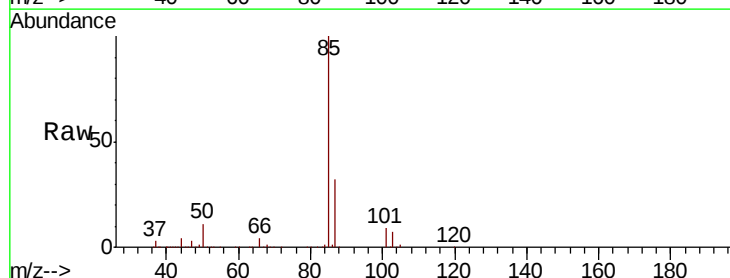
Acq: 05 Aug 2019 10:21

Tgt Ion: 85 Resp: 61076

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

60000

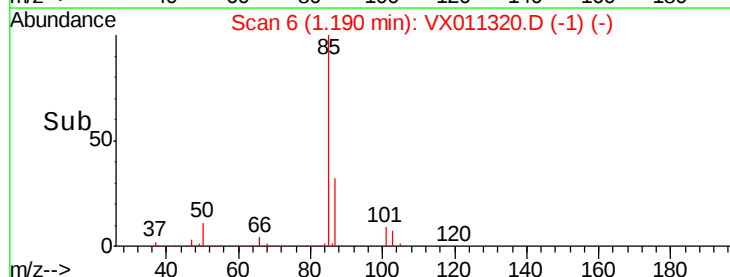
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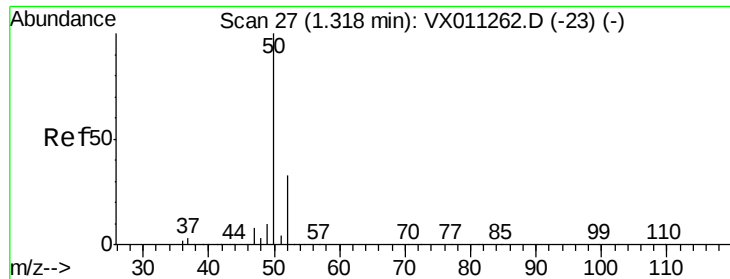
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.928 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

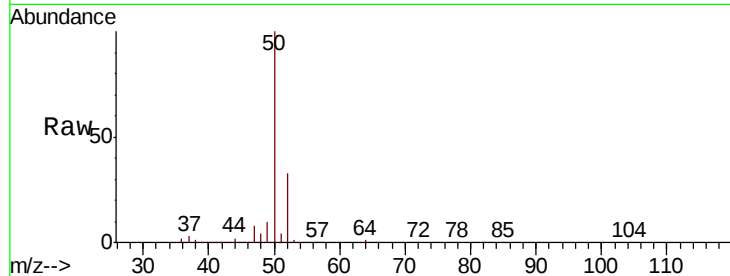
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 66217

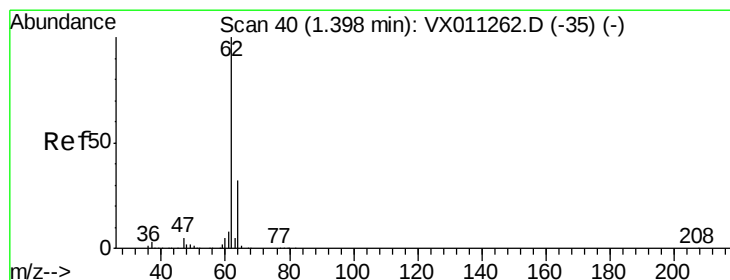
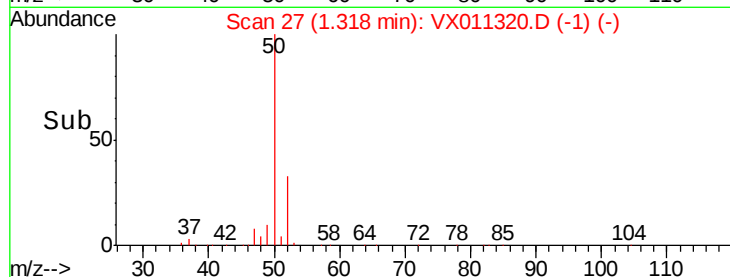
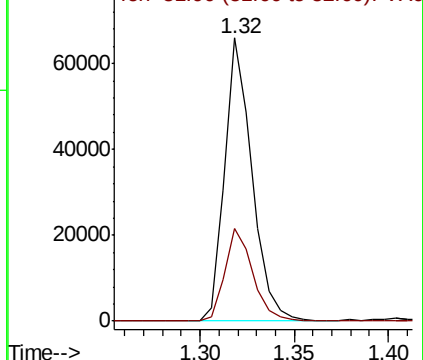
Ion Ratio Lower Upper

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: 45.946 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011320.D

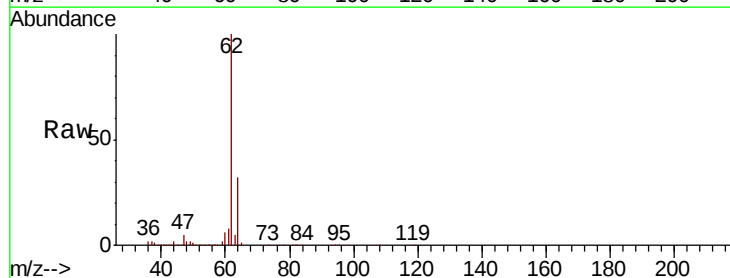
Acq: 05 Aug 2019 10:21

Tgt Ion: 62 Resp: 74489

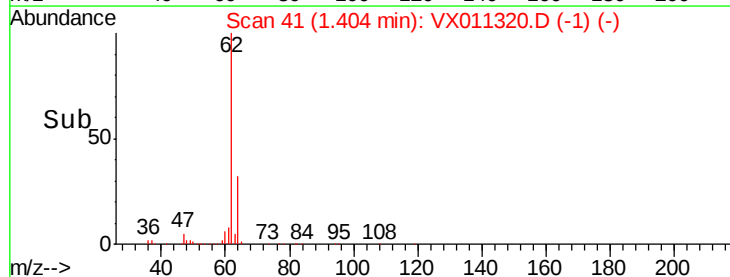
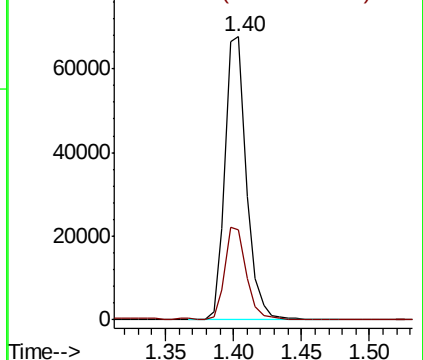
Ion Ratio Lower Upper

62 100

64 31.7 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: 40.809 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

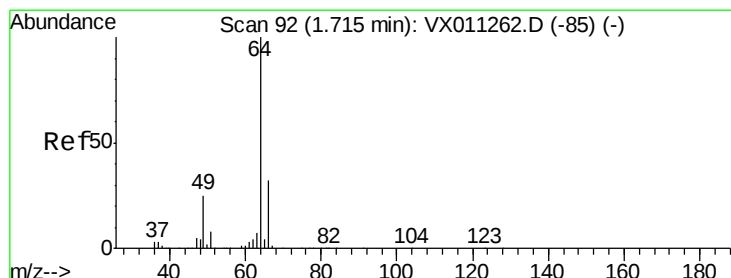
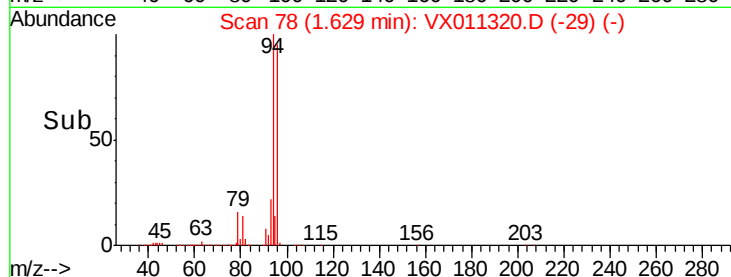
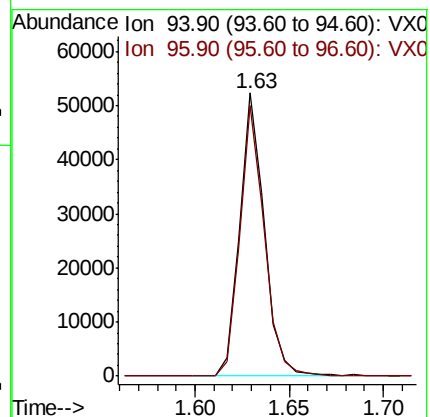
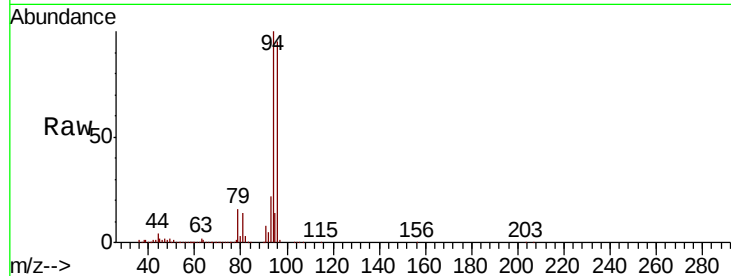
ClientSampleId :

Tot Ion: 94 Resp: 47185

Ion Ratio Lower Upper

94 100

96 95.5 74.6 112.0



#6

Chloroethane

Concen: 48.799 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011320.D

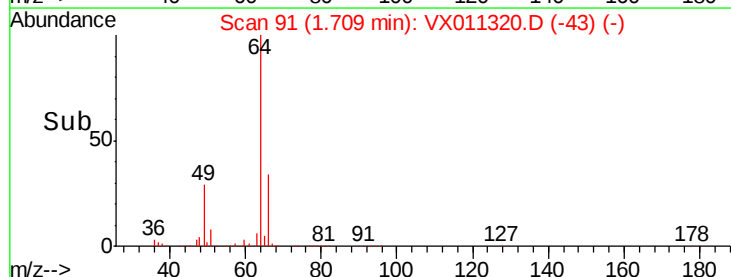
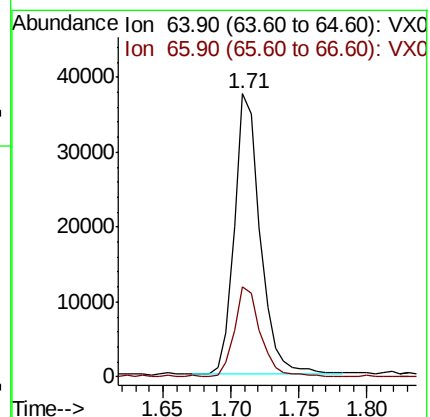
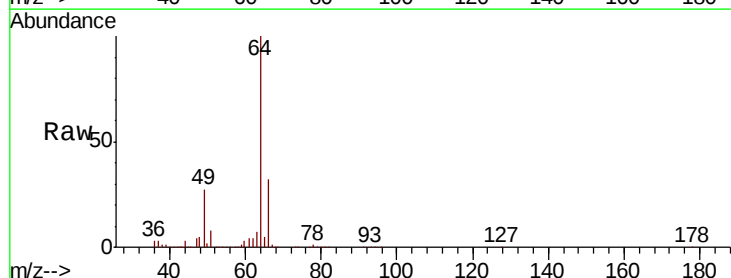
Acq: 05 Aug 2019 10:21

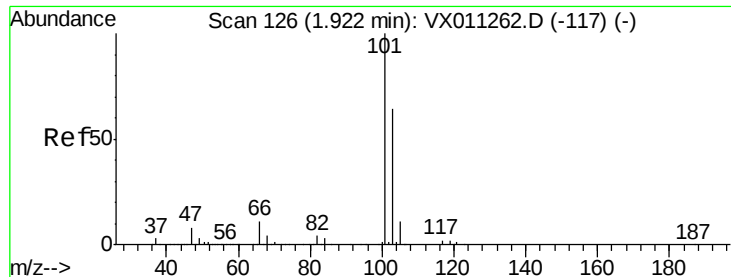
Tgt Ion: 64 Resp: 49043

Ion Ratio Lower Upper

64 100

66 31.6 25.1 37.7



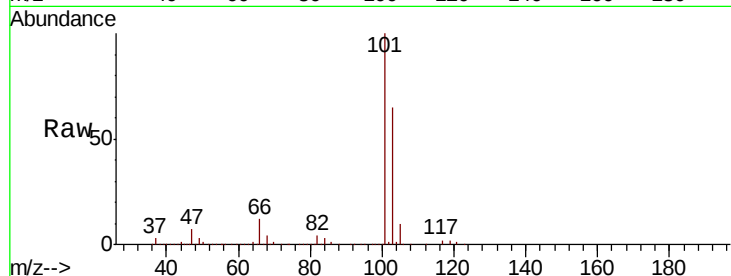


#7

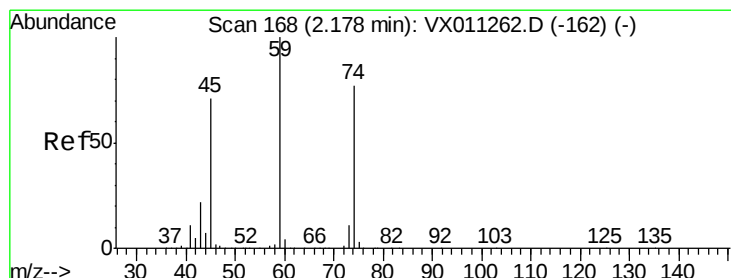
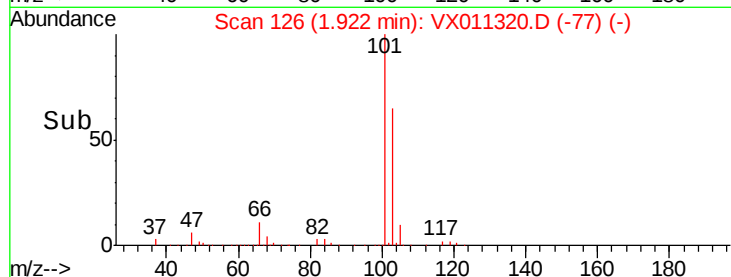
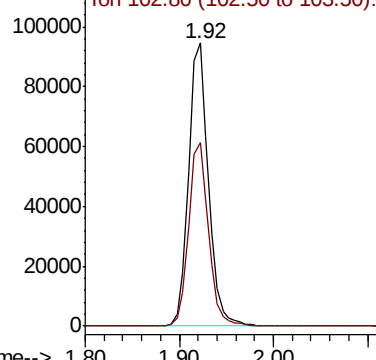
Trichlorofluoromethane
Concen: 47.788 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 137757
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3



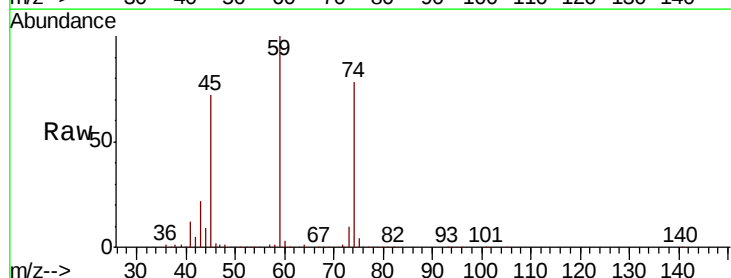
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



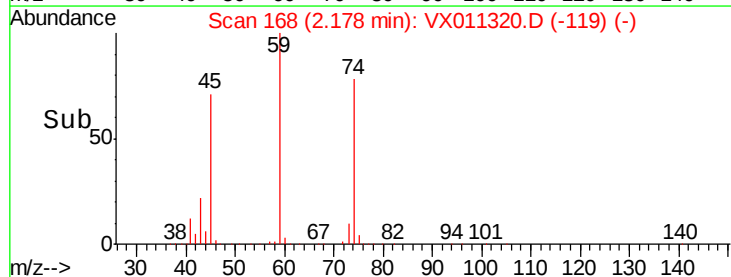
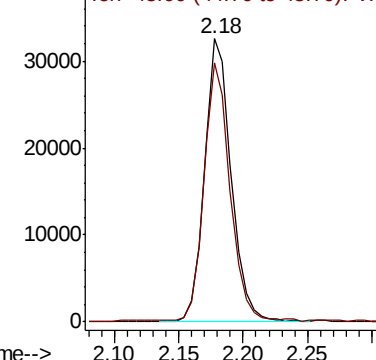
#8

Diethyl Ether
Concen: 45.502 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion: 74 Resp: 46836
Ion Ratio Lower Upper
74 100
45 90.4 46.1 138.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.641 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

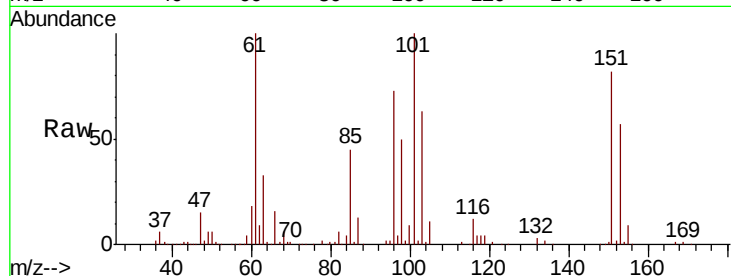
Tot Ion:101 Resp: 74308

Ion Ratio Lower Upper

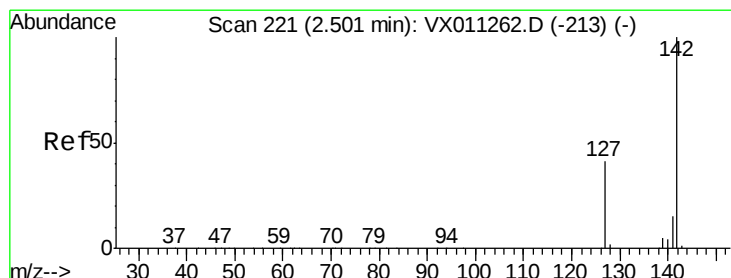
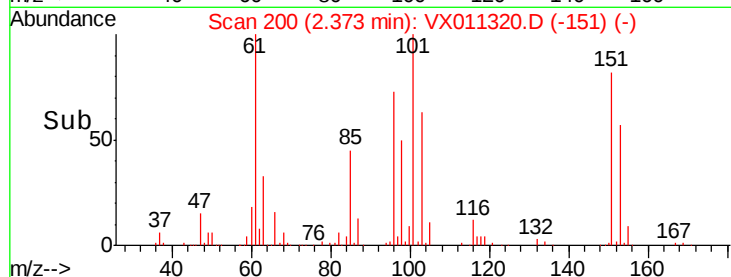
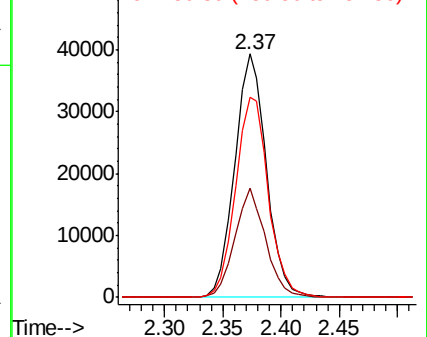
101 100

85 43.6 33.8 50.6

151 85.5 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: 42.523 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

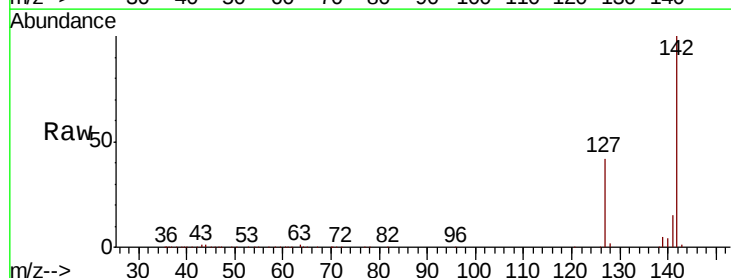
Tgt Ion:142 Resp: 83618

Ion Ratio Lower Upper

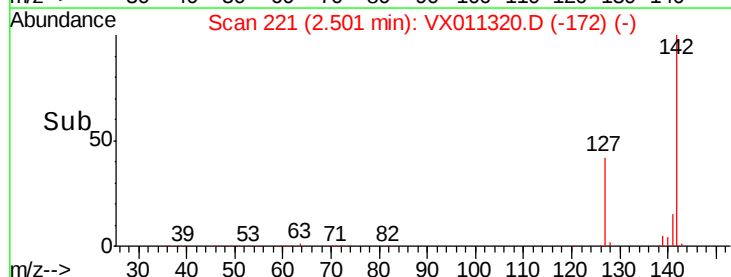
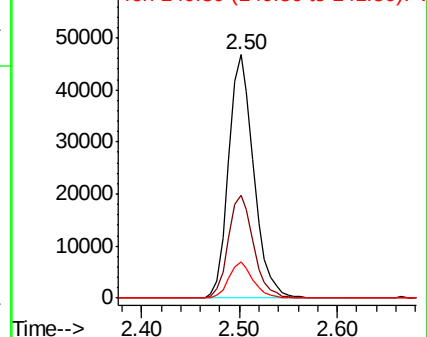
142 100

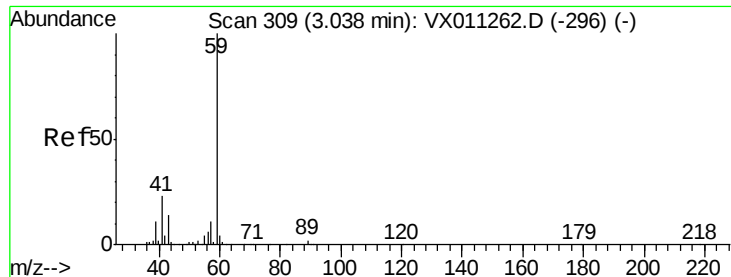
127 42.4 33.8 50.8

141 14.4 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



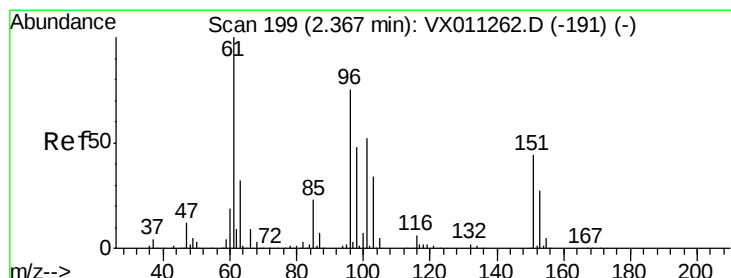
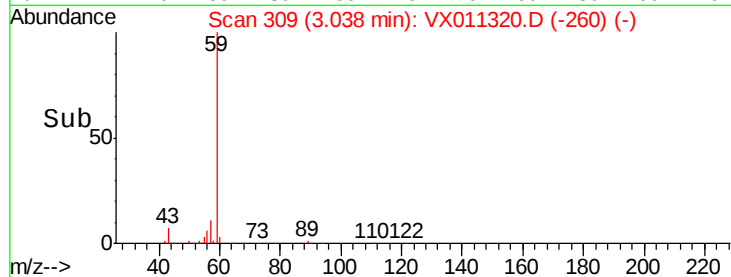
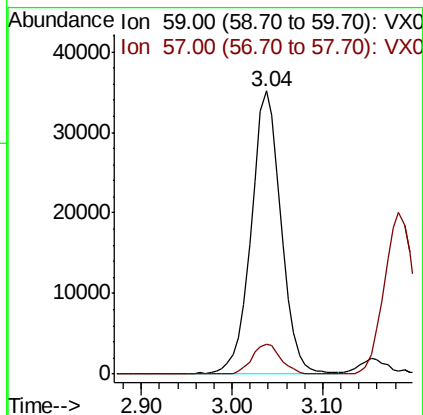
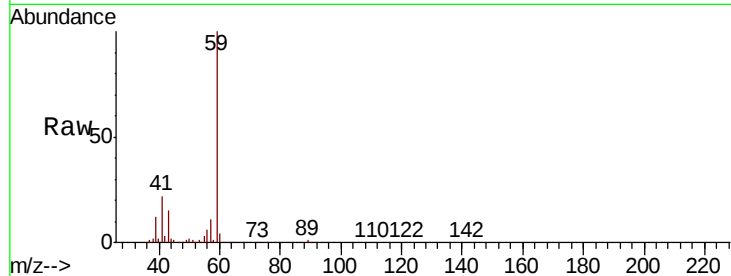


#11

Tert butyl alcohol
Concen: 235.508 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :

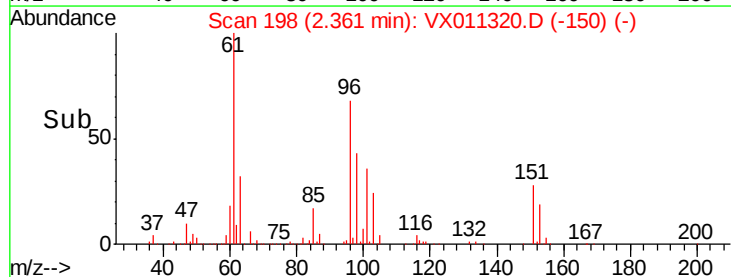
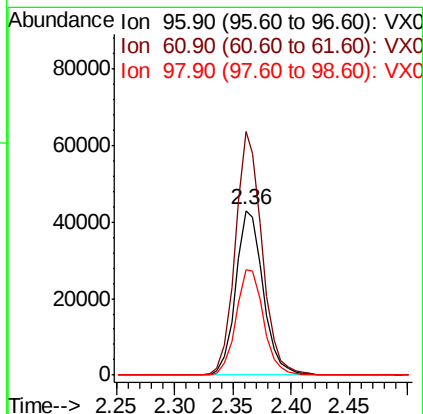
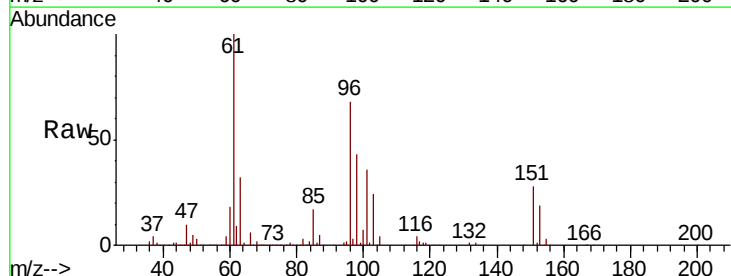
Tot Ion: 59 Resp: 80367
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

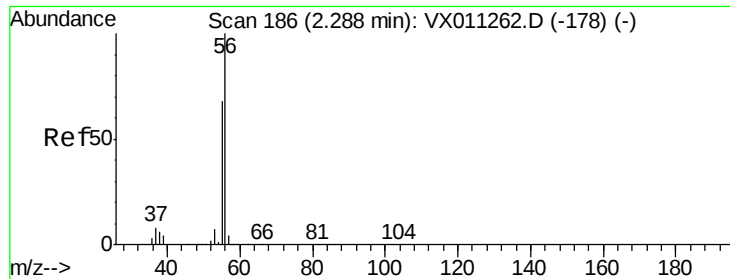


#12

1,1-Dichloroethene
Concen: 45.516 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion: 96 Resp: 70374
Ion Ratio Lower Upper
96 100
61 148.0 106.2 159.2
98 64.1 50.6 75.8





#13

Acrolein

Concen: 231.544 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

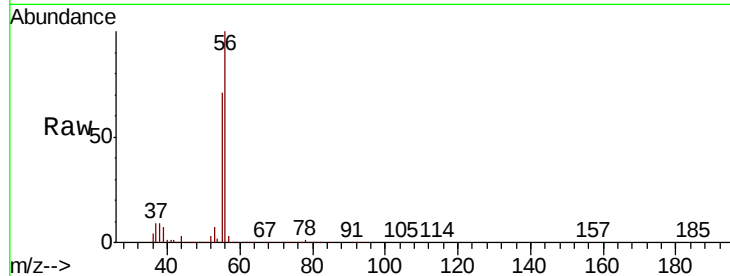
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 49111

Ion Ratio Lower Upper

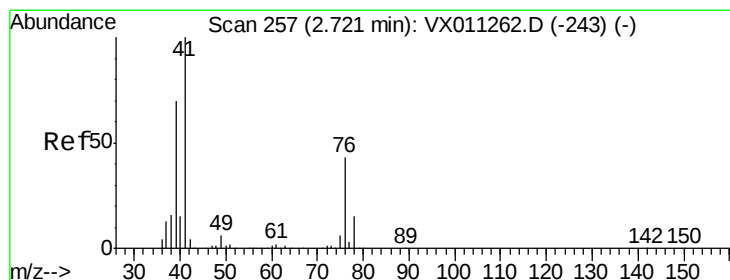
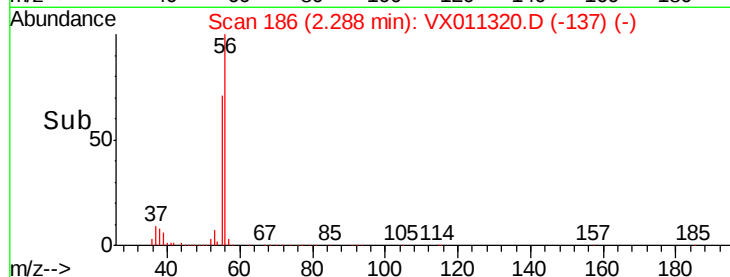
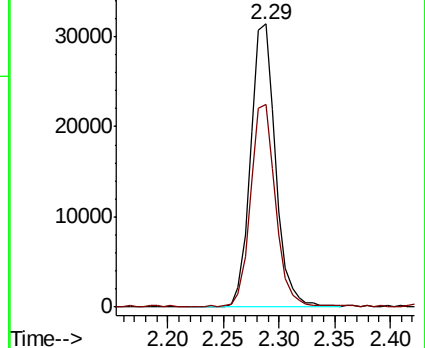
56 100

55 71.3 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: 51.143 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

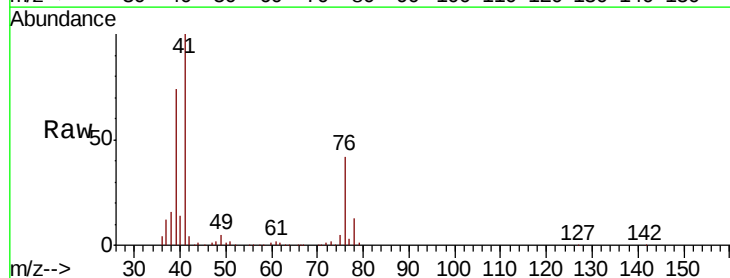
Tgt Ion: 41 Resp: 105416

Ion Ratio Lower Upper

41 100

39 66.9 52.8 79.2

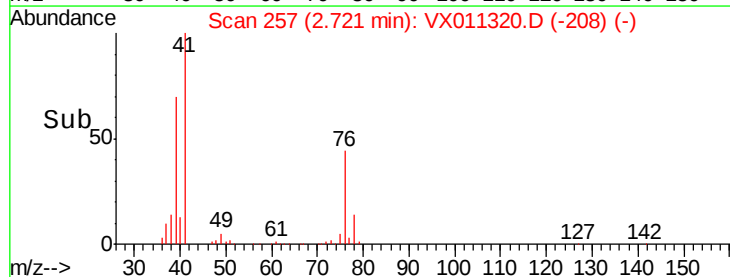
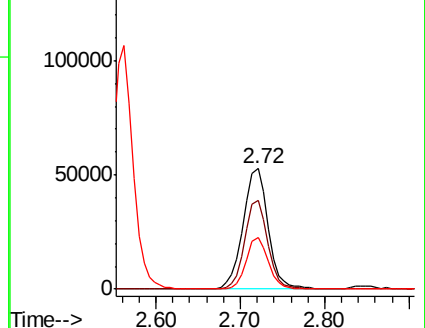
76 37.7 31.1 46.7

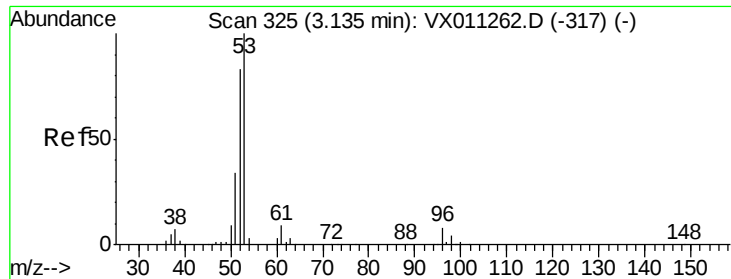


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 233.294 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :

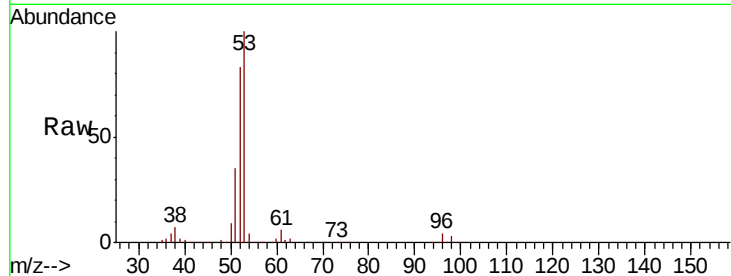
Tot Ion: 53 Resp: 189981

Ion Ratio Lower Upper

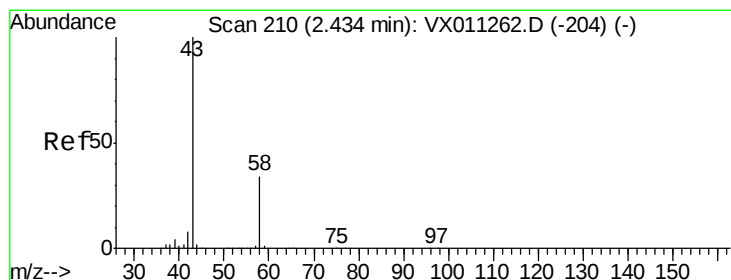
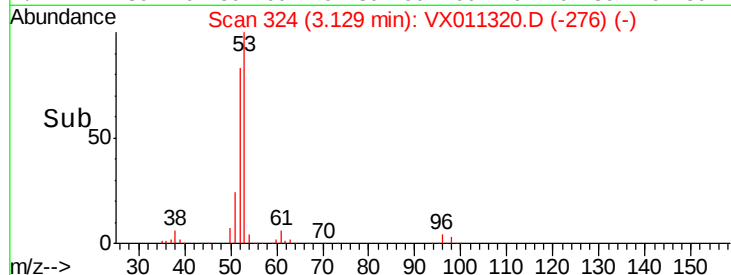
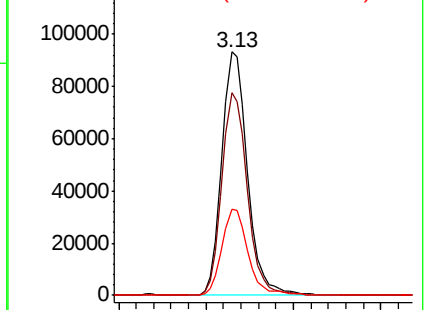
53 100

52 82.2 65.5 98.3

51 36.2 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: 261.752 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011320.D

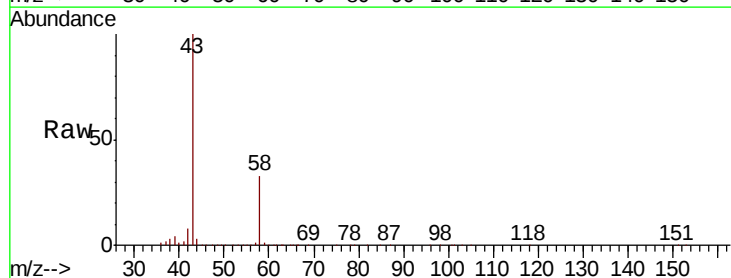
Acq: 05 Aug 2019 10:21

Tgt Ion: 43 Resp: 213212

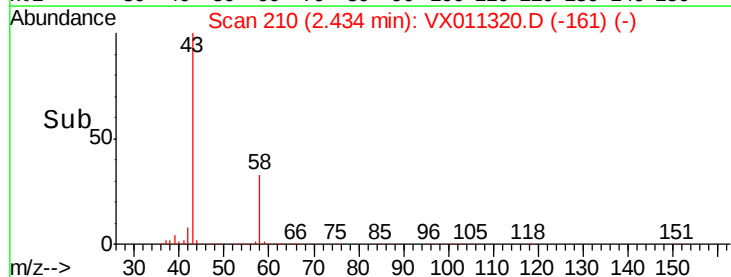
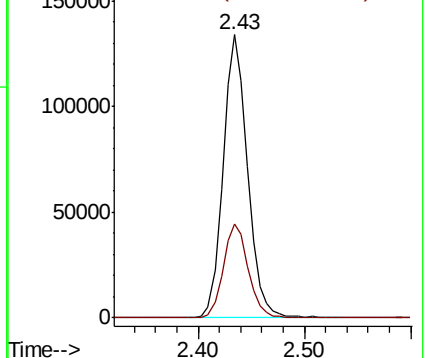
Ion Ratio Lower Upper

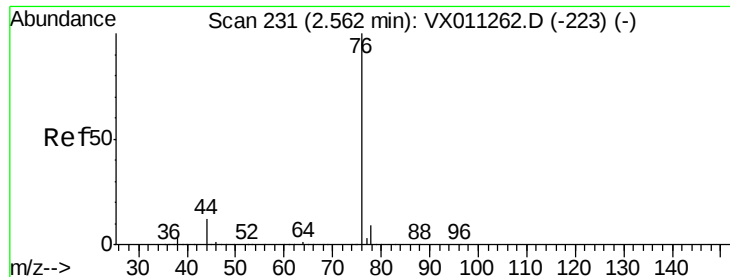
43 100

58 33.4 27.4 41.0



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

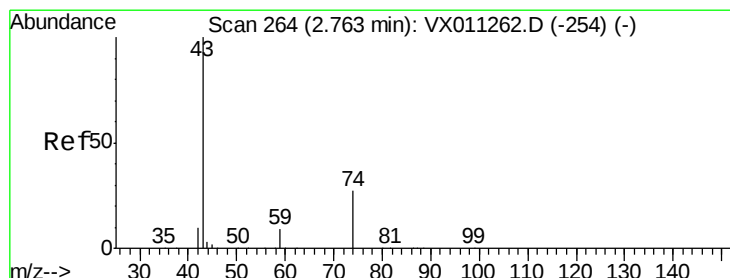
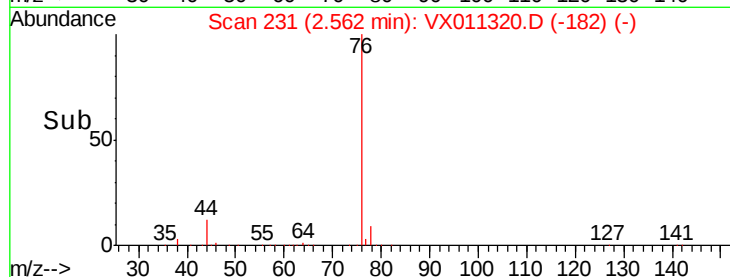
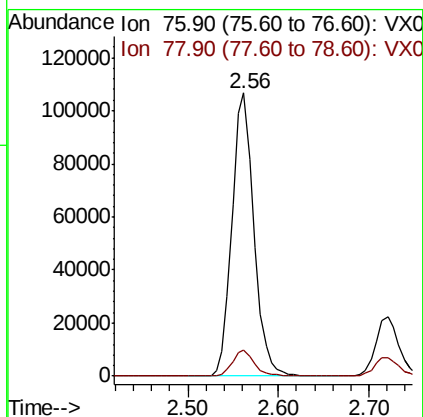
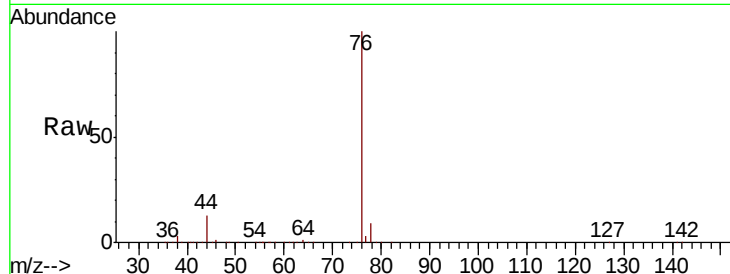




#17
Carbon Disulfide
Concen: 49.380 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

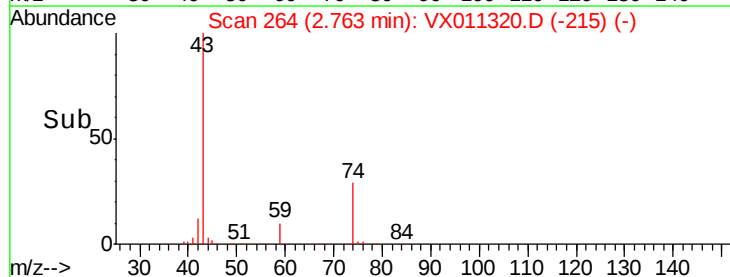
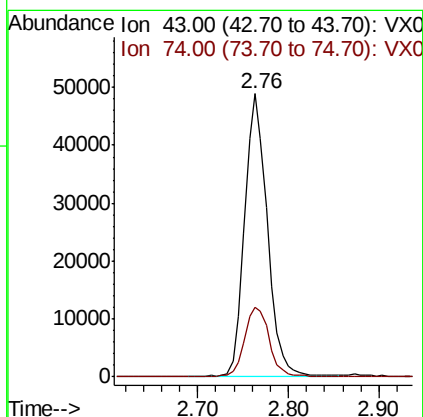
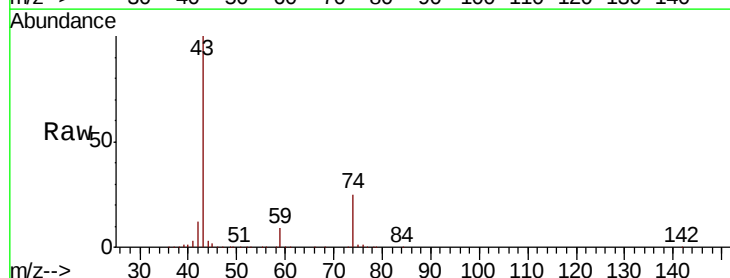
Instrument :
MSVOA_X
ClientSampleId :

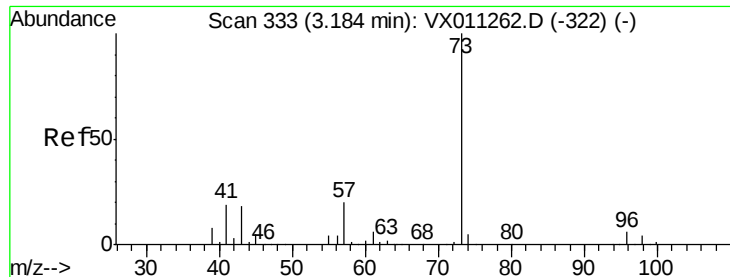
Tot Ion: 76 Resp: 179163
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 45.442 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion: 43 Resp: 84590
Ion Ratio Lower Upper
43 100
74 27.3 21.0 31.6



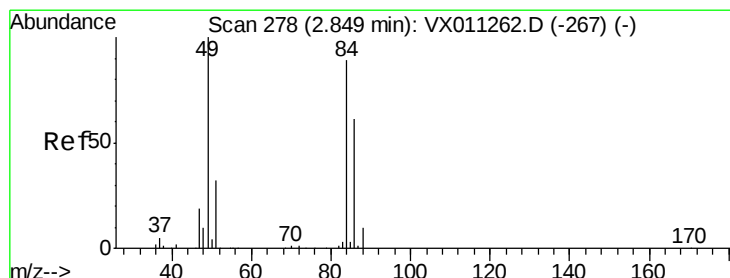
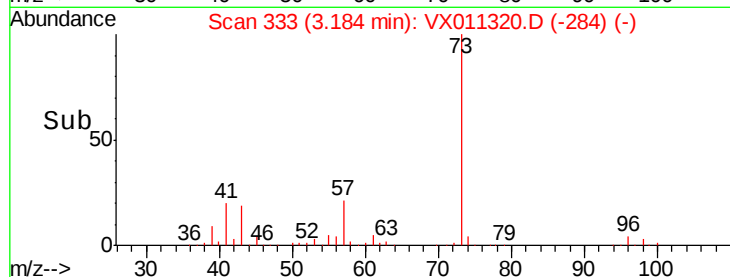
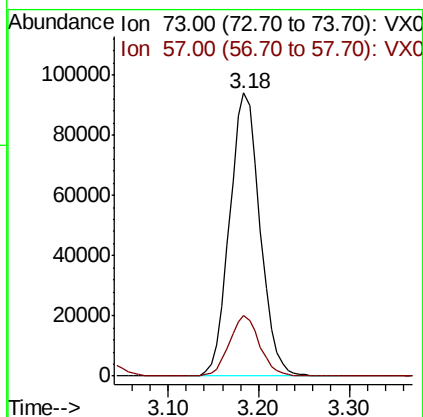
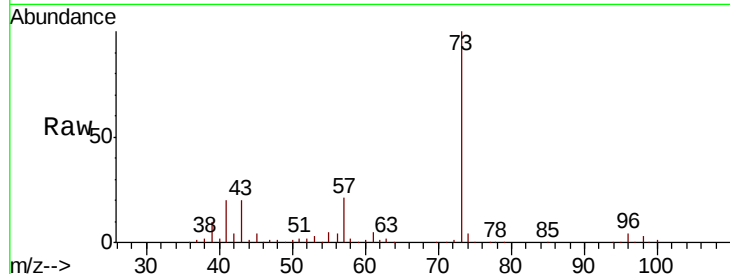


#19

Methyl tert-butyl Ether
 Concen: 48.001 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Instrument :
 MSVOA_X
 ClientSampled :

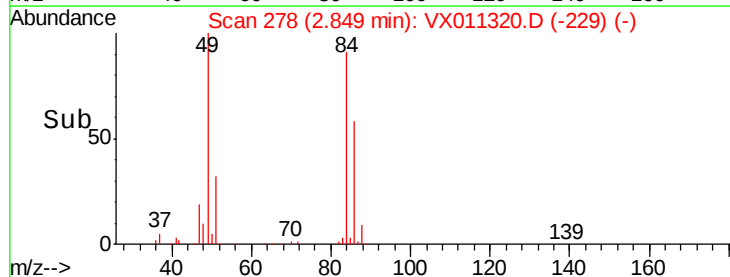
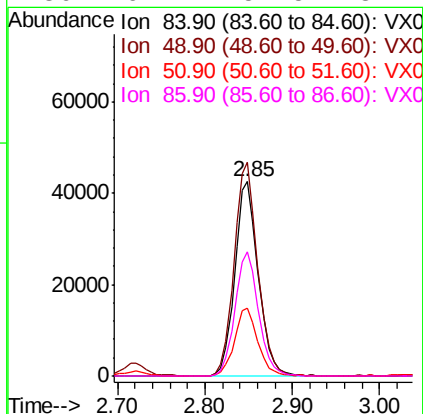
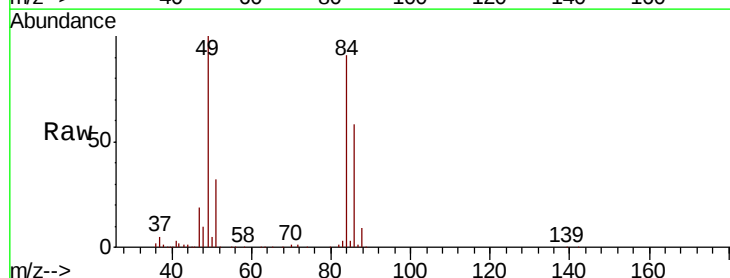
Tot Ion: 73 Resp: 218708
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.2 24.2

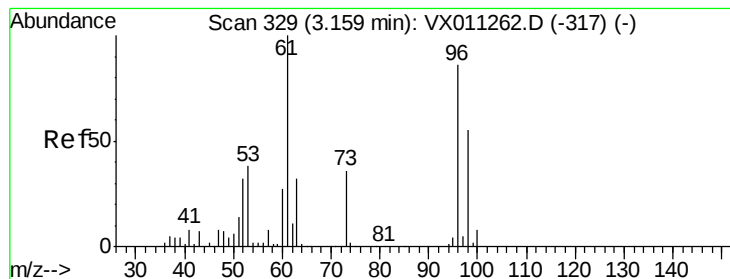


#20

Methylene Chloride
 Concen: 44.659 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion: 84 Resp: 79669
 Ion Ratio Lower Upper
 84 100
 49 109.9 89.3 133.9
 51 34.8 28.3 42.5
 86 64.2 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 47.088 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

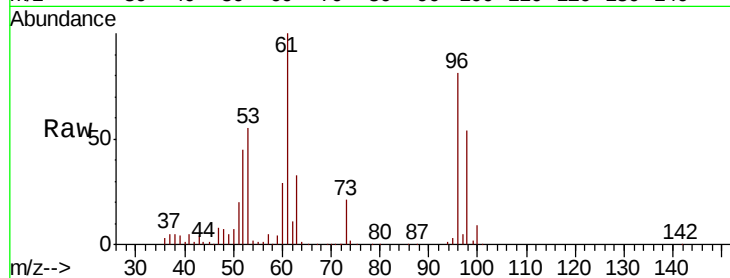
Tot Ion: 96 Resp: 77013

Ion Ratio Lower Upper

96 100

61 124.0 92.8 139.2

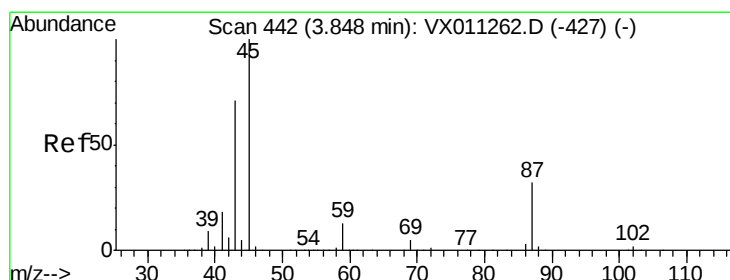
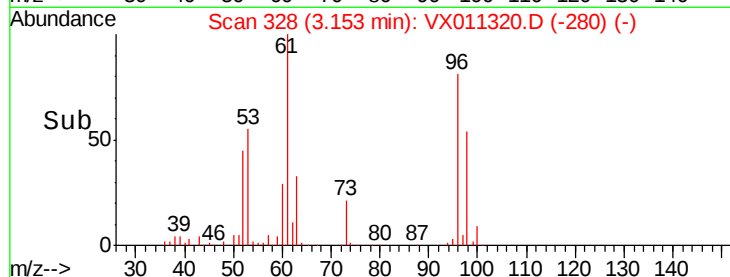
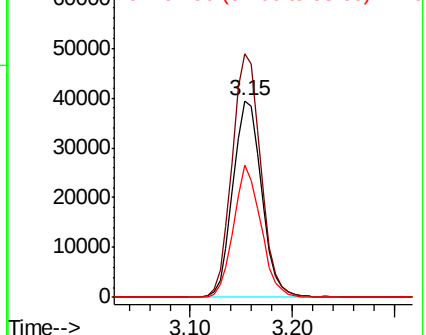
98 67.2 51.2 76.8



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: 47.985 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Tgt Ion: 45 Resp: 217380

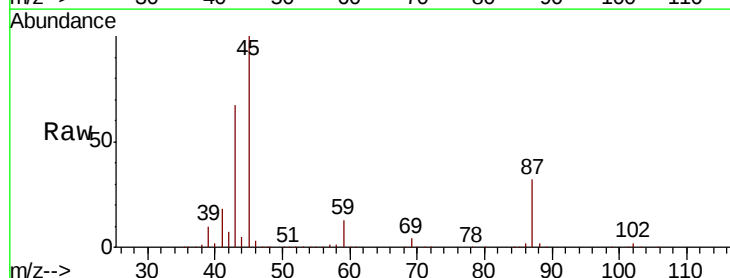
Ion Ratio Lower Upper

45 100

43 66.6 56.8 85.2

87 31.8 25.8 38.6

59 13.0 10.3 15.5

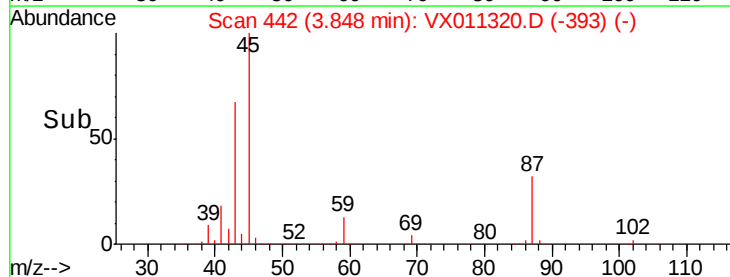
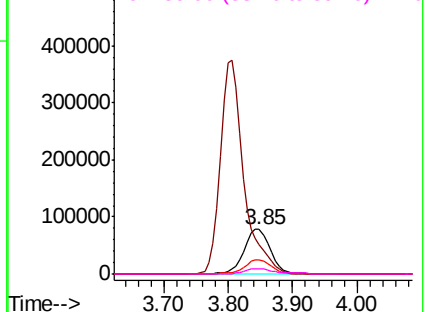


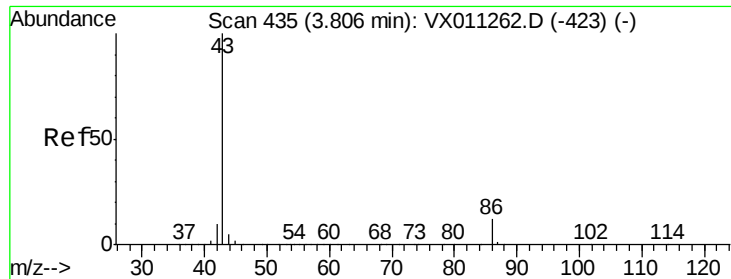
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

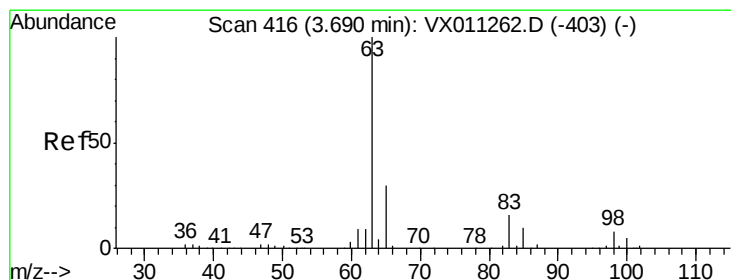
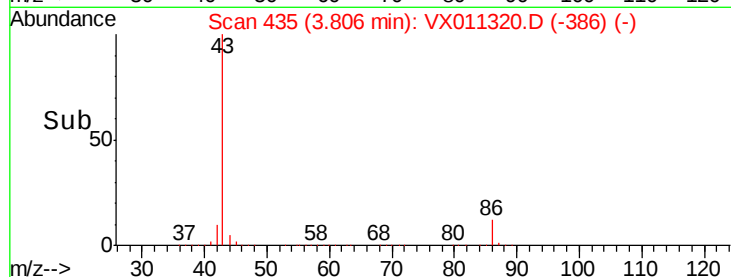
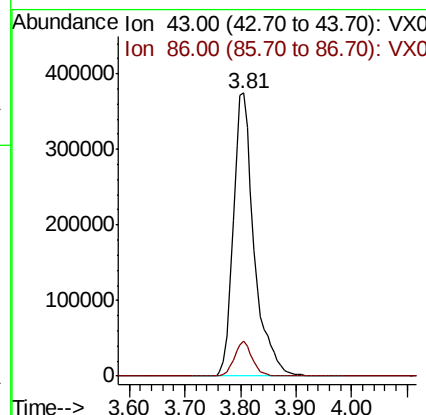
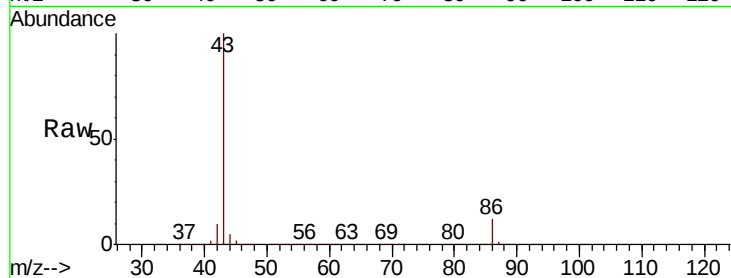




#23
 Vinyl Acetate
 Concen: 256.902 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

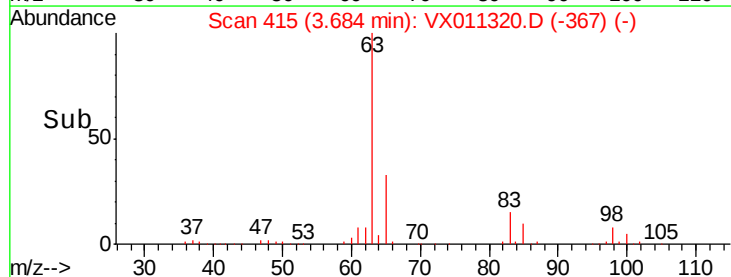
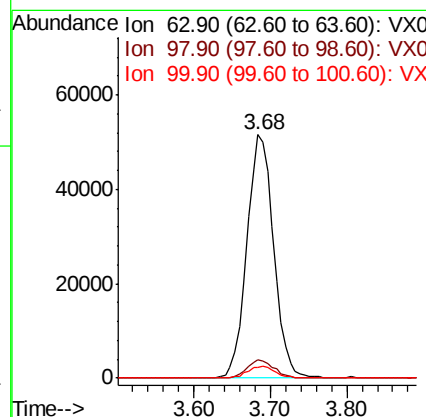
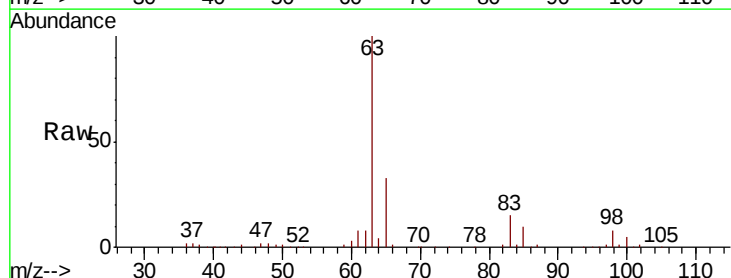
Instrument :
 MSVOA_X
 ClientSampled :

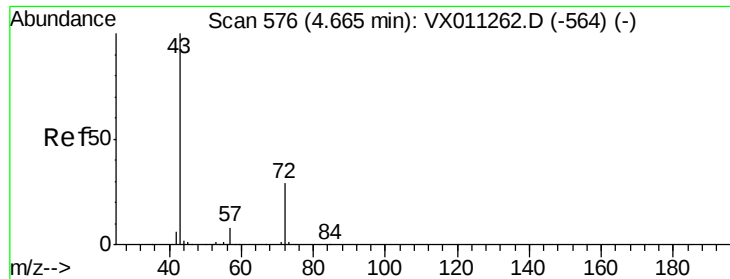
Tot Ion: 43 Resp: 965270
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 46.915 ug/l
 RT: 3.68 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion: 63 Resp: 125323
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 4.6 2.7 8.1





#25

2-Butanone

Concen: 240.979 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

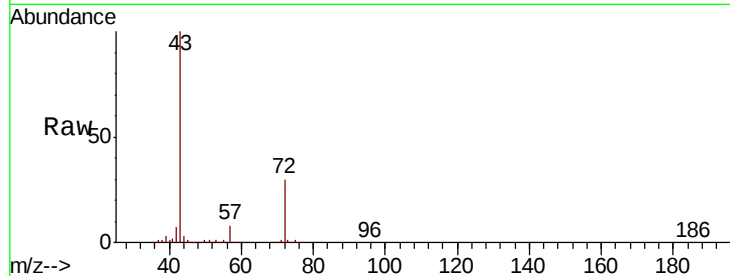
ClientSampled :

Tot Ion: 43 Resp: 279224

Ion Ratio Lower Upper

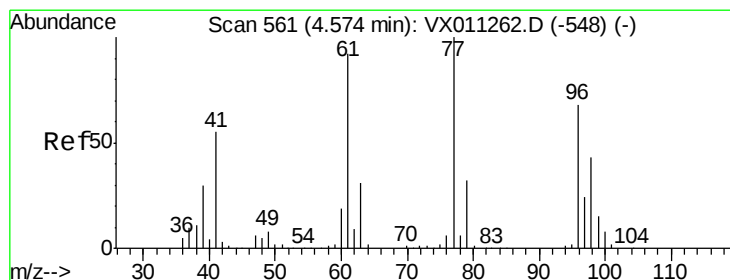
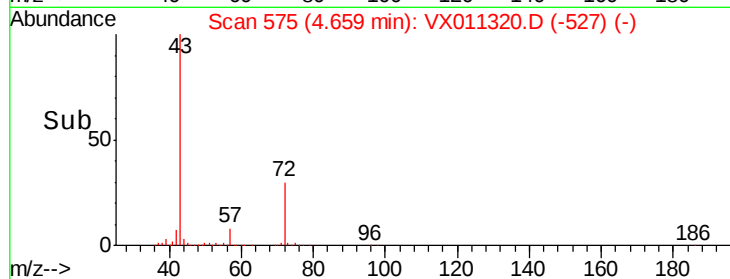
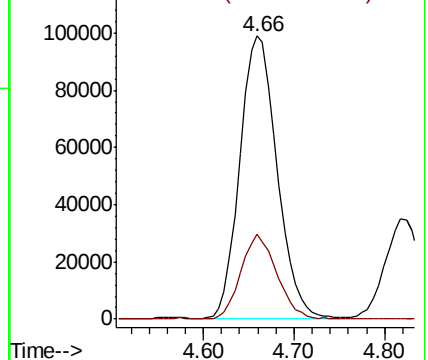
43 100

72 29.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.672 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011320.D

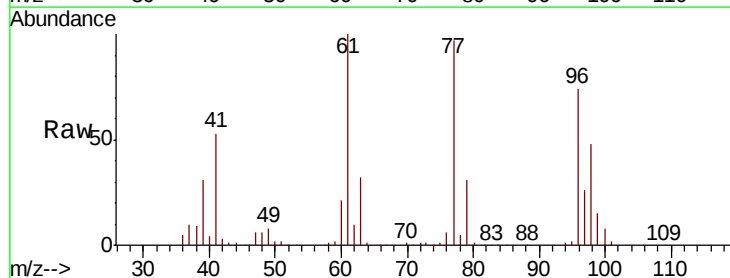
Acq: 05 Aug 2019 10:21

Tgt Ion: 77 Resp: 109374

Ion Ratio Lower Upper

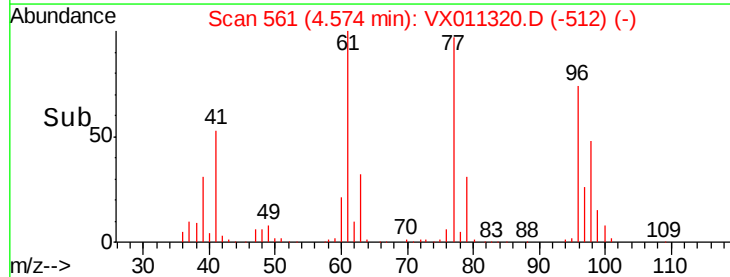
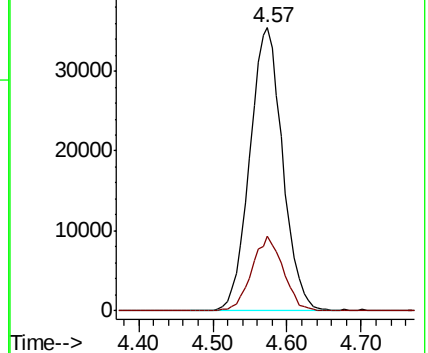
77 100

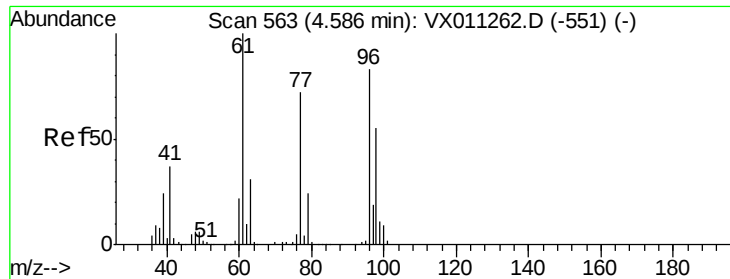
97 25.3 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



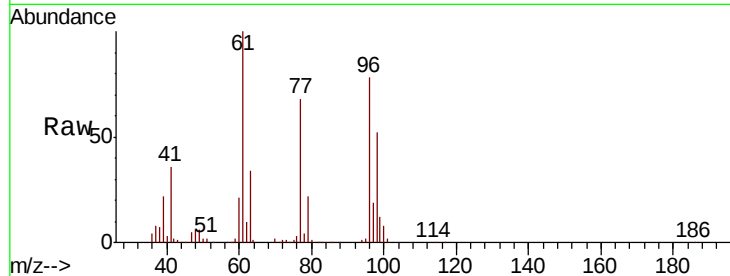


#27

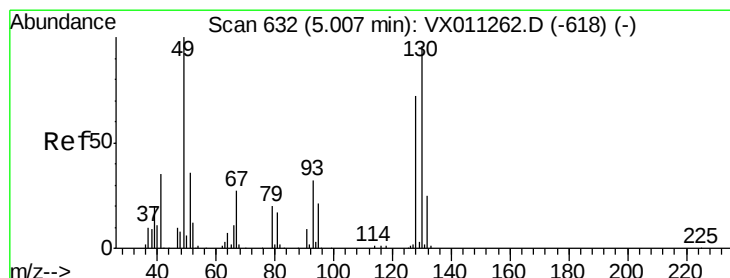
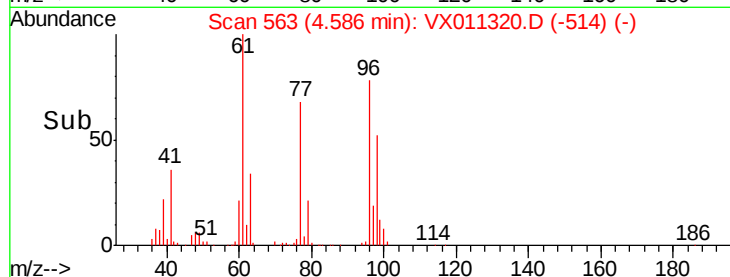
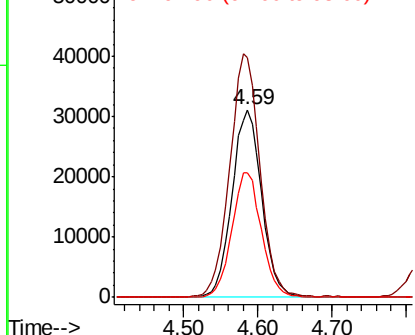
cis-1,2-Dichloroethene
 Concen: 46.113 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 86870
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 260.2
 98 66.4 0.0 133.2



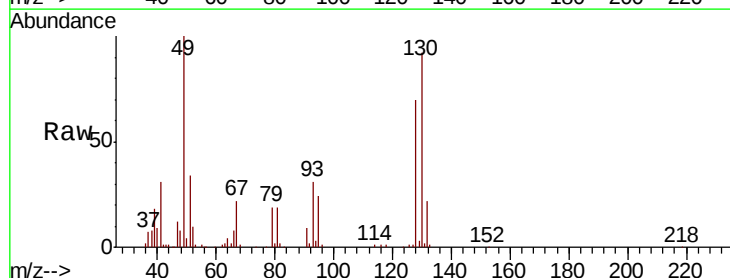
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



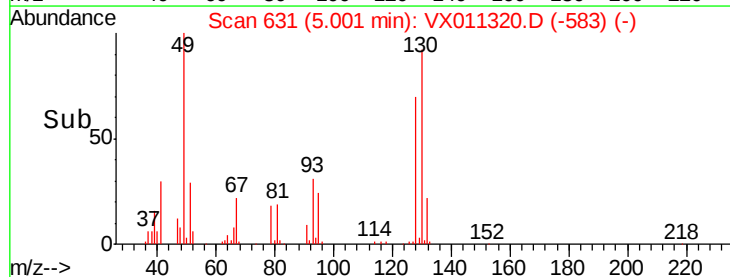
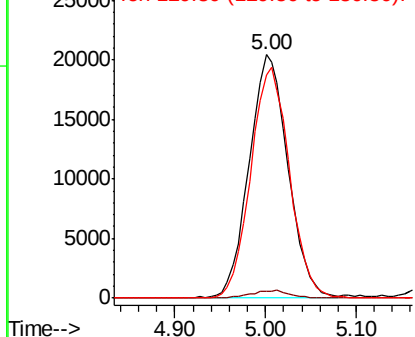
#28

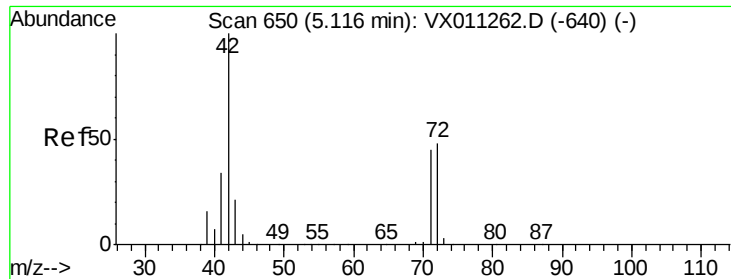
Bromochloromethane
 Concen: 49.751 ug/l
 RT: 5.00 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion: 49 Resp: 60586
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.8
 130 94.7 77.9 116.9



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

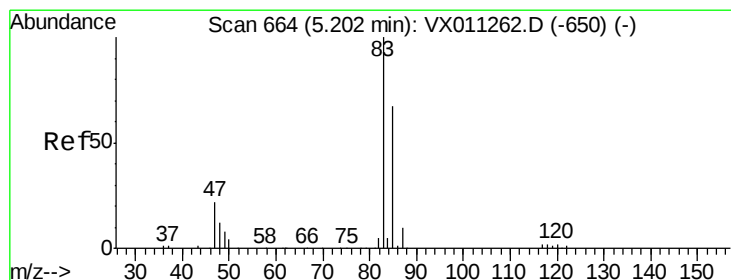
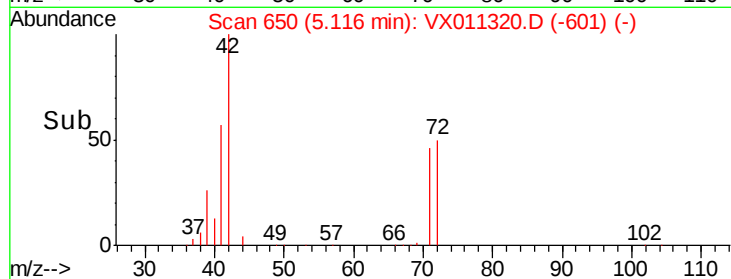
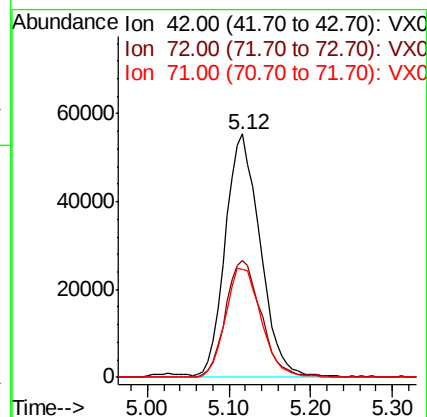
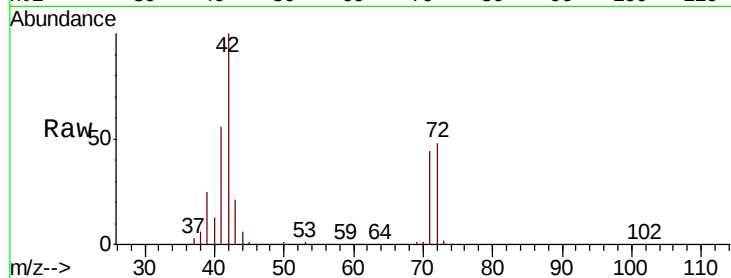




#29
Tetrahydrofuran
Concen: 230.276 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

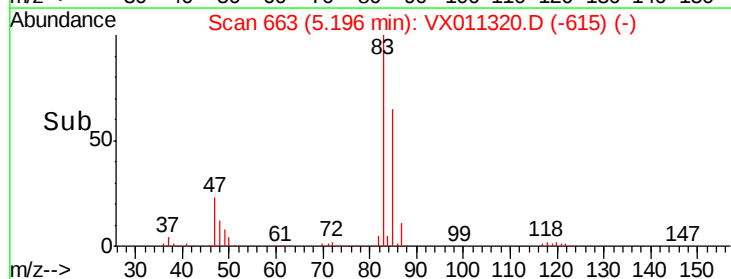
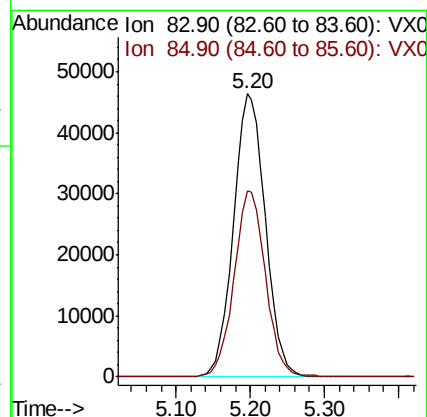
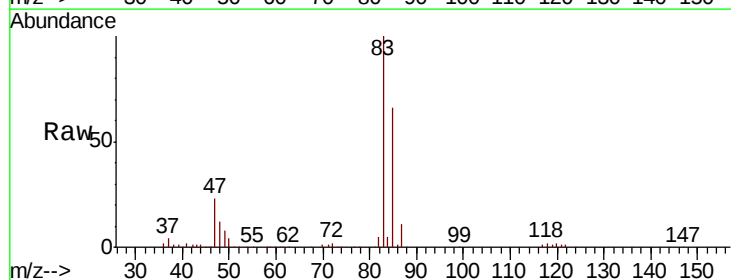
Instrument :
MSVOA_X
ClientSampleId :

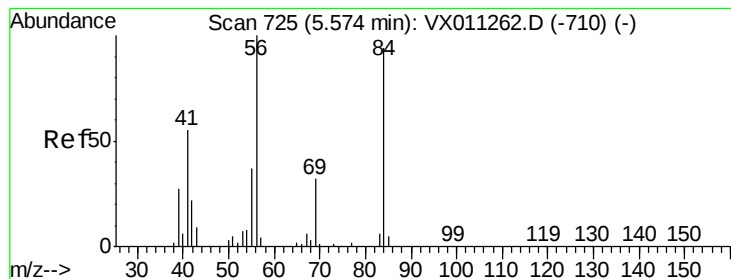
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	39.9	59.9
71	46.3	36.9	55.3



#30
Chloroform
Concen: 47.874 ug/l
RT: 5.20 min Scan# 663
Delta R.T. -0.01 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	53.4	80.0





#31

Cvclohexane

Concen: 48.139 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :

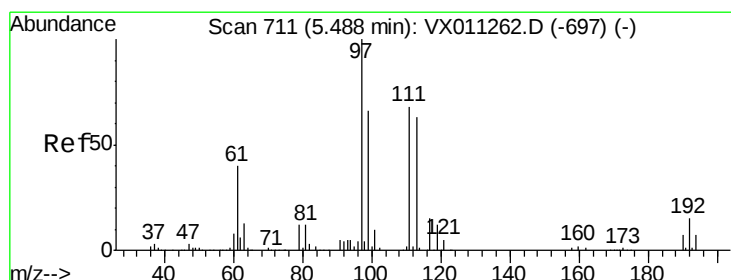
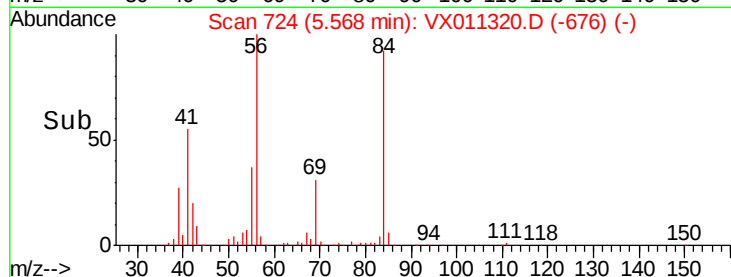
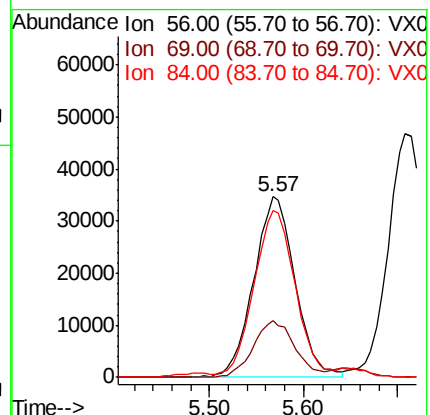
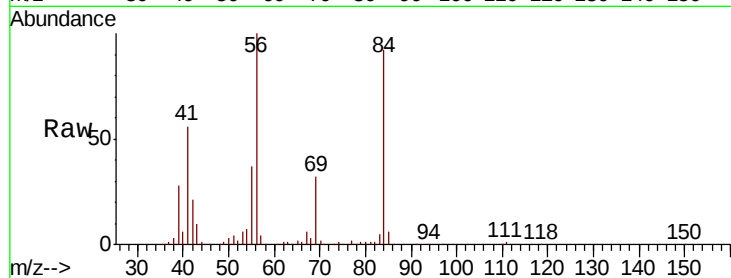
Tot Ion: 56 Resp: 106090

Ion Ratio Lower Upper

56 100

69 31.7 25.5 38.3

84 90.4 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 49.534 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

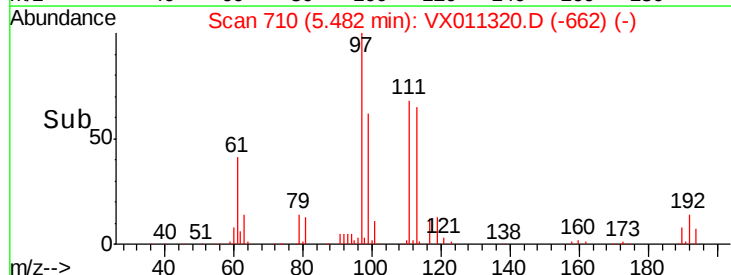
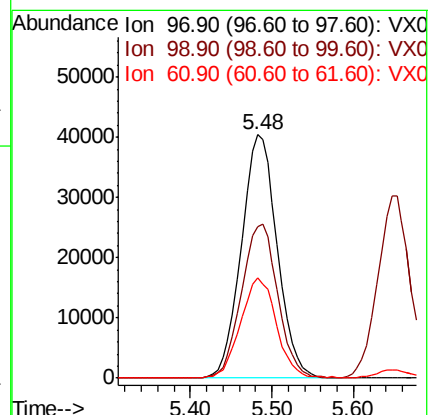
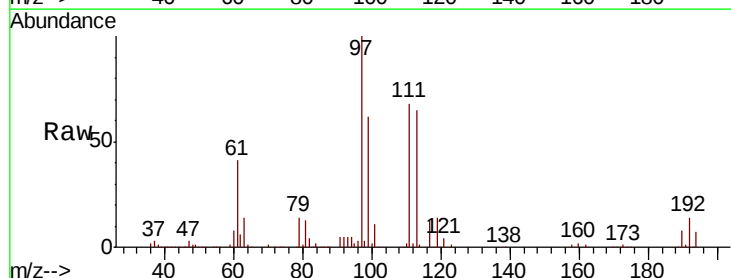
Tgt Ion: 97 Resp: 123195

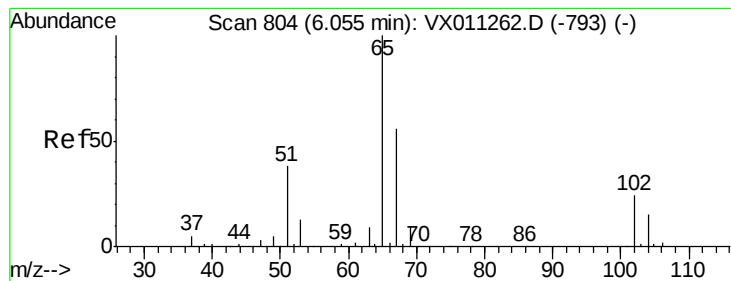
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 41.3 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 49.959 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

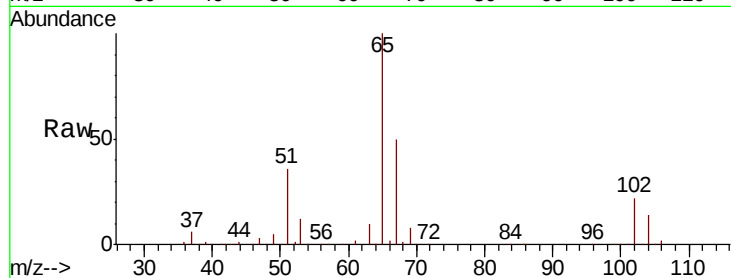
ClientSampleId :

Tot Ion: 65 Resp: 85496

Ion Ratio Lower Upper

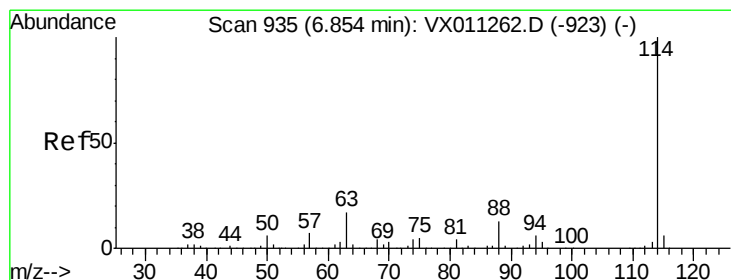
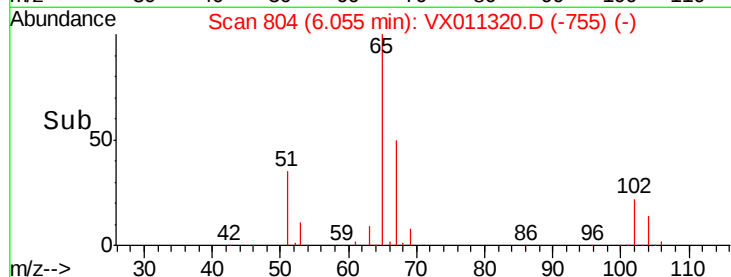
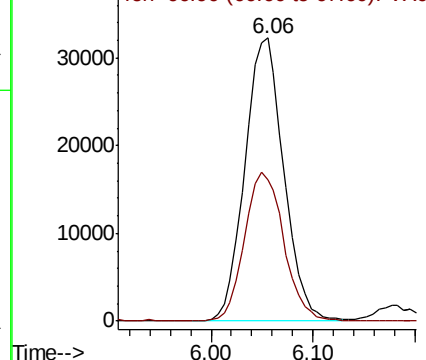
65 100

67 52.9 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: VX011320.D

Acq: 05 Aug 2019 10:21

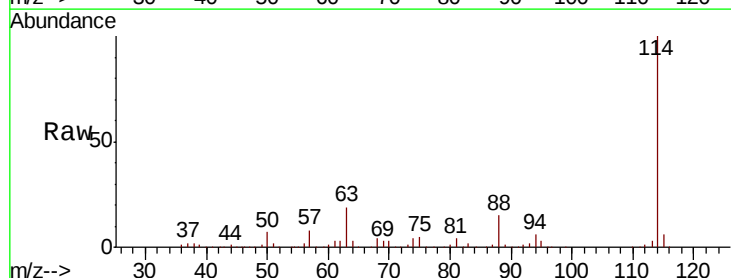
Tgt Ion: 114 Resp: 238394

Ion Ratio Lower Upper

114 100

63 19.4 0.0 34.0

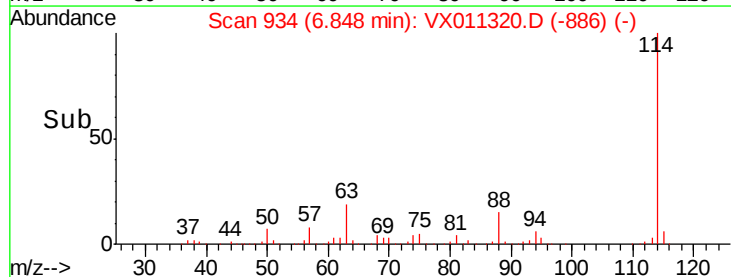
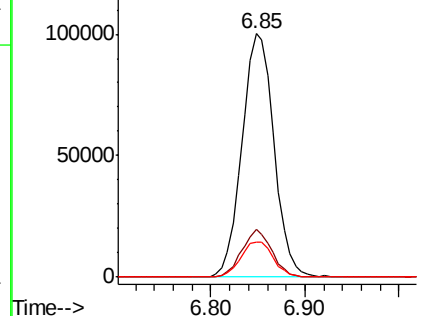
88 14.5 0.0 26.4

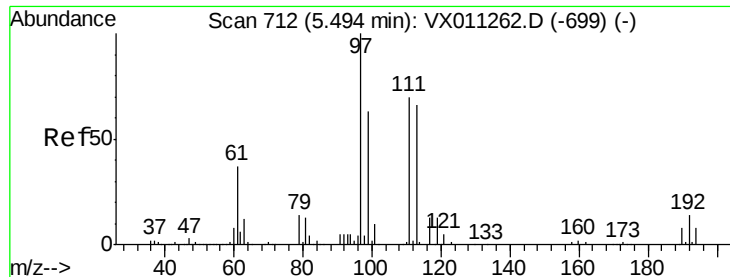


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.085 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

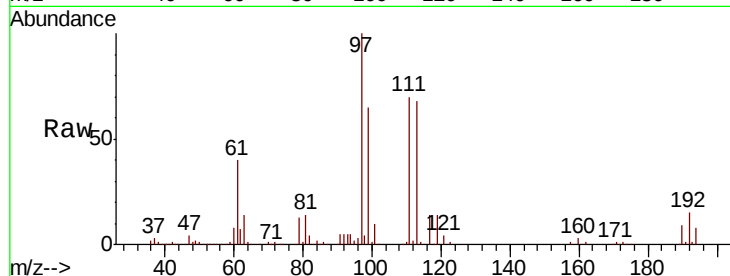
Tot Ion:113 Resp: 77953

Ion Ratio Lower Upper

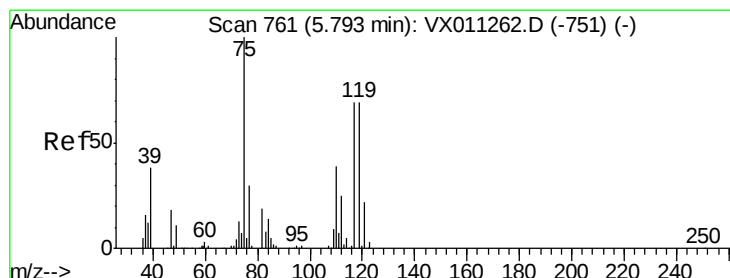
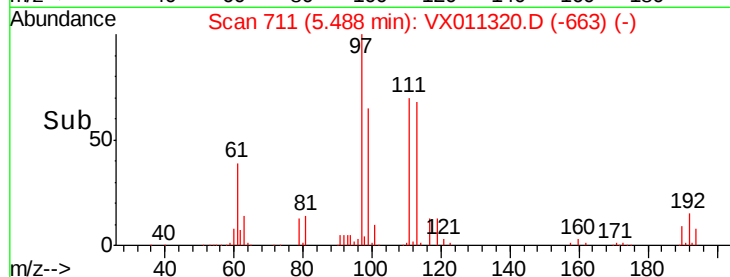
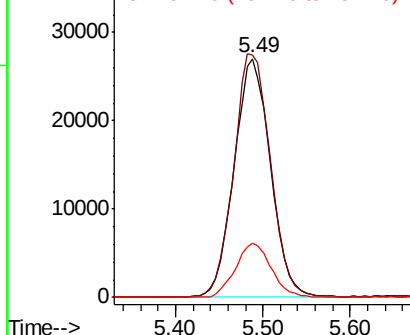
113 100

111 103.6 81.9 122.9

192 22.3 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: 48.290 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

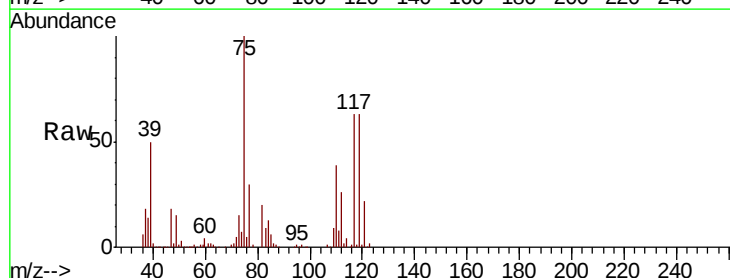
Tgt Ion: 75 Resp: 100510

Ion Ratio Lower Upper

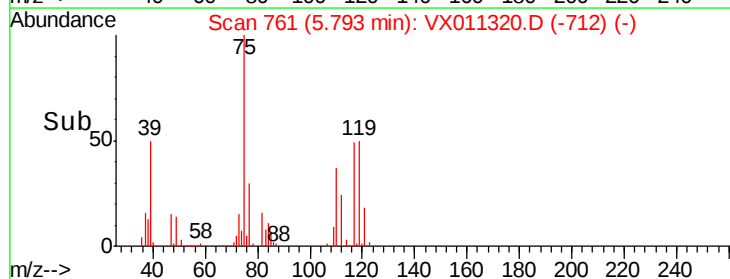
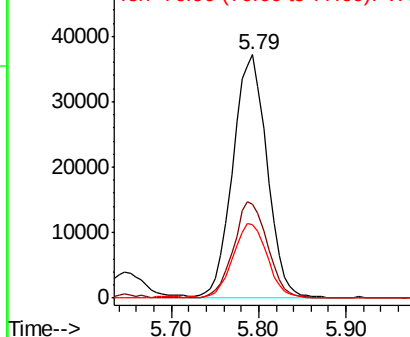
75 100

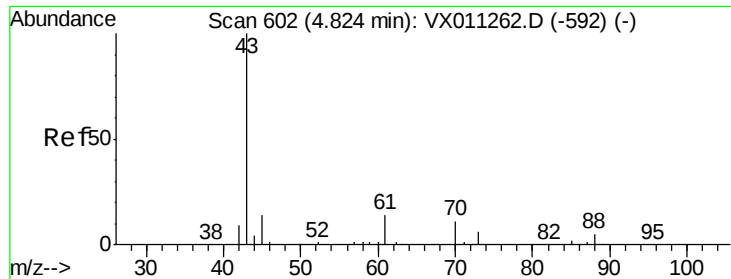
110 39.6 20.0 59.9

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

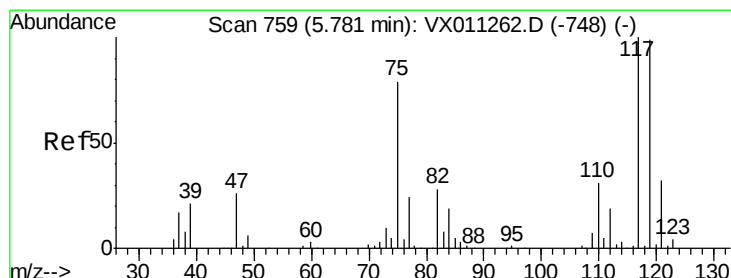
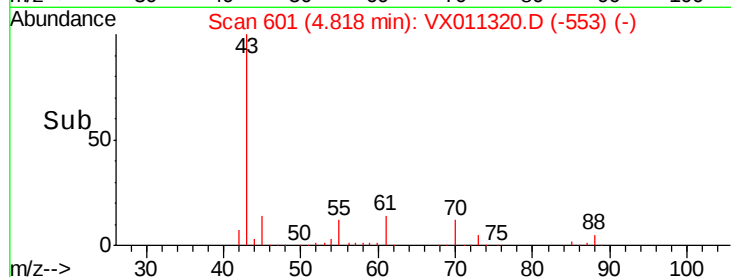
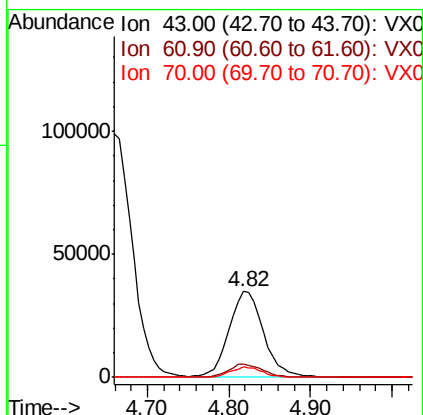
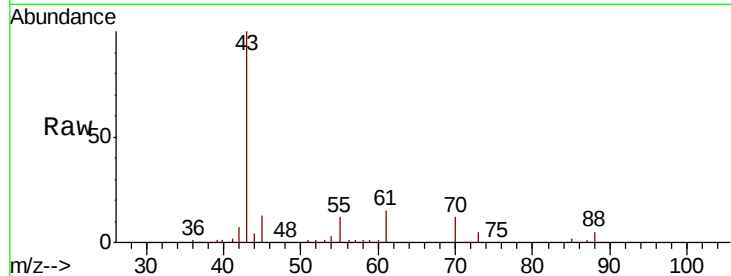




#37
Ethyl Acetate
Concen: 48.282 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

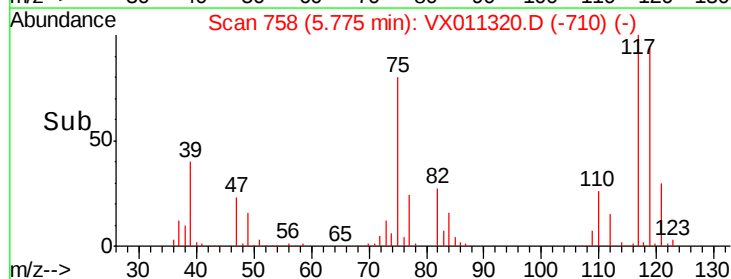
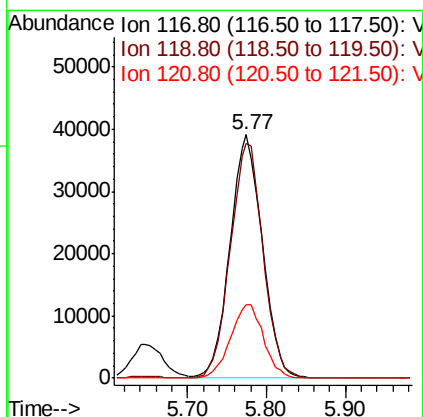
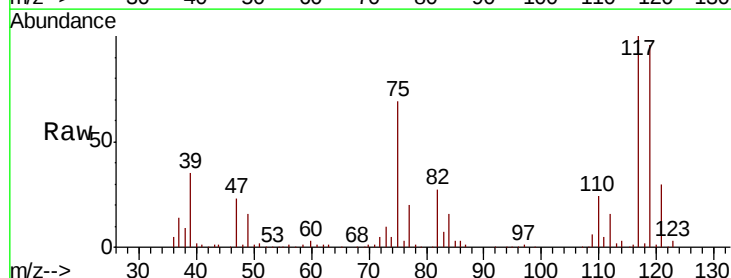
Instrument :
MSVOA_X
ClientSampled :

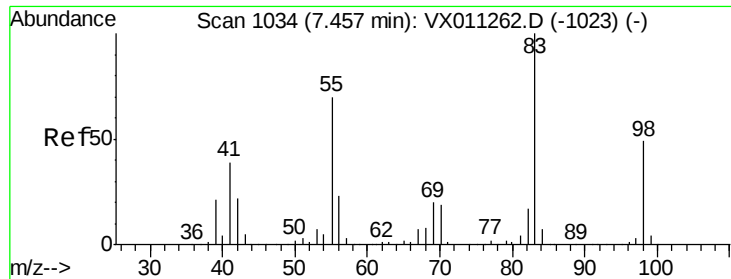
Tot Ion: 43 Resp: 100804
Ion Ratio Lower Upper
43 100
61 15.6 12.6 18.8
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 53.143 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion: 117 Resp: 111283
Ion Ratio Lower Upper
117 100
119 96.0 79.0 118.4
121 30.2 25.9 38.9

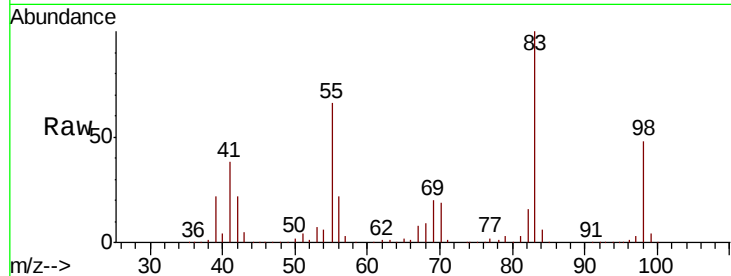




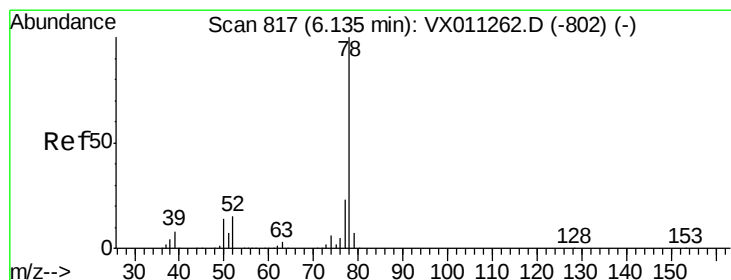
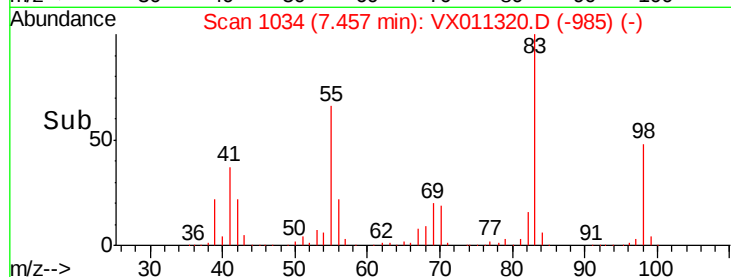
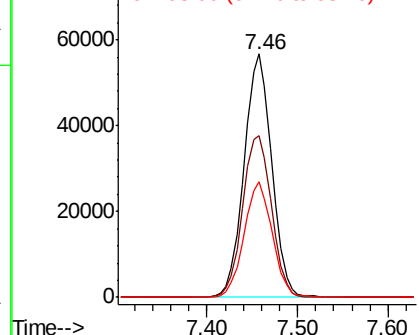
#39
Methvlcvclohexane
Concen: 48.552 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 119786
Ion Ratio Lower Upper
83 100
55 66.3 56.1 84.1
98 47.5 39.0 58.4

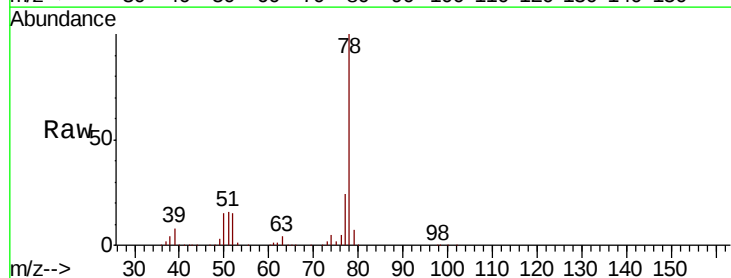


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

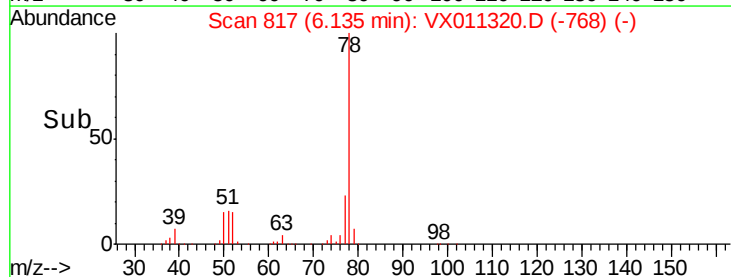
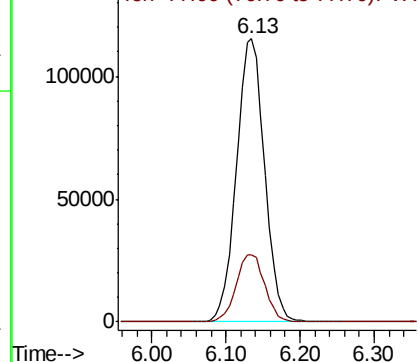


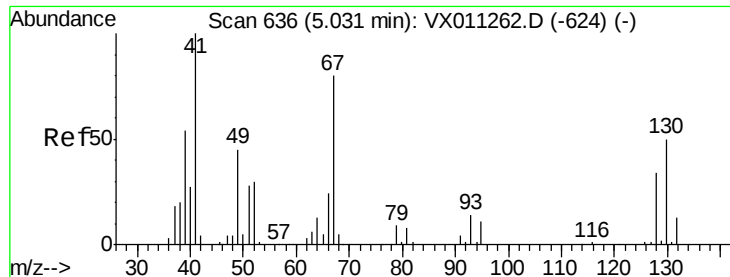
#40
Benzene
Concen: 49.070 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion: 78 Resp: 304779
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.436 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 55227

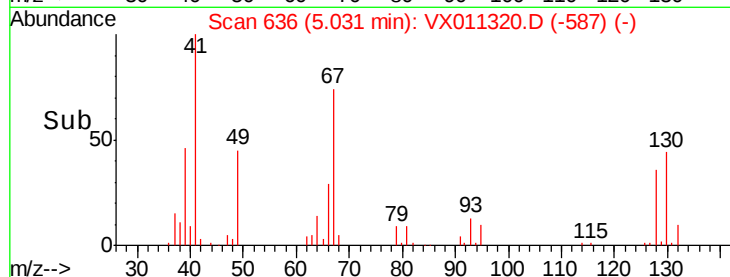
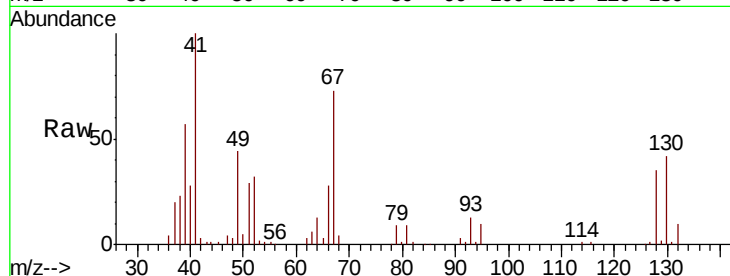
Ion Ratio Lower Upper

41 100

39 54.0 43.0 64.6

67 78.9 65.1 97.7

52 32.1 24.8 37.2

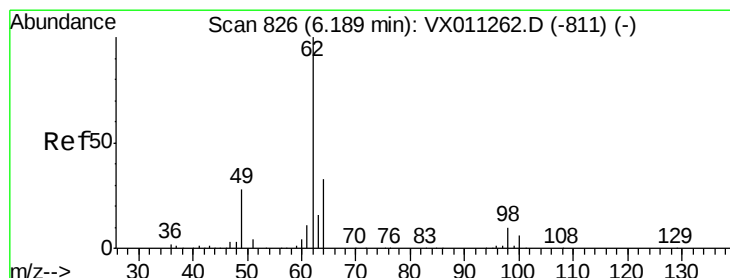
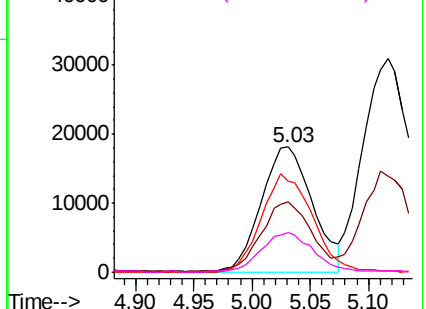


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.755 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011320.D

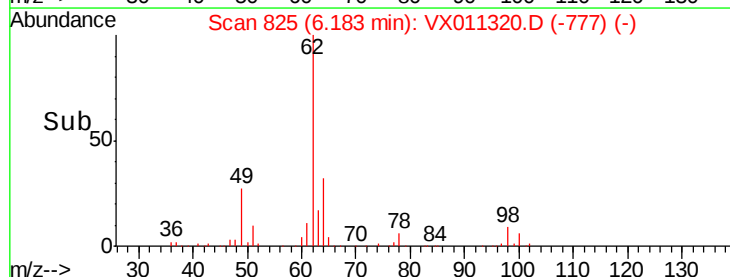
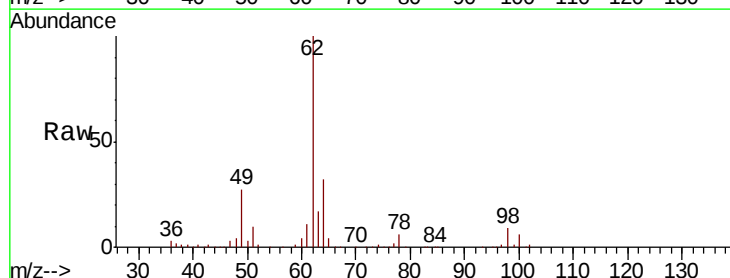
Acq: 05 Aug 2019 10:21

Tgt Ion: 62 Resp: 104499

Ion Ratio Lower Upper

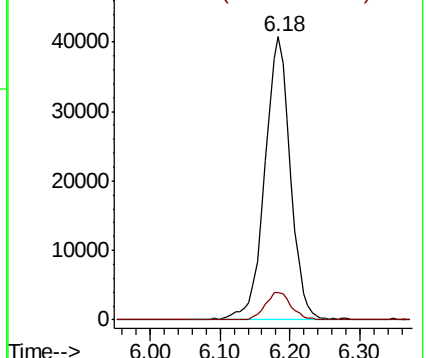
62 100

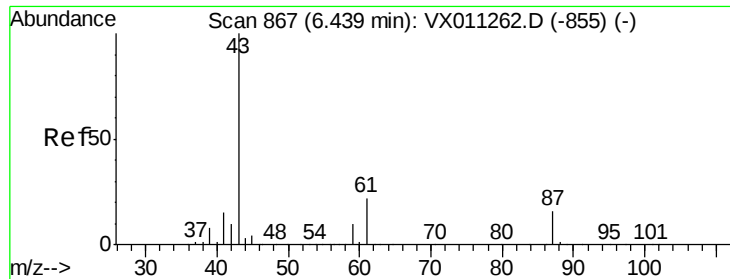
98 9.8 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.004 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

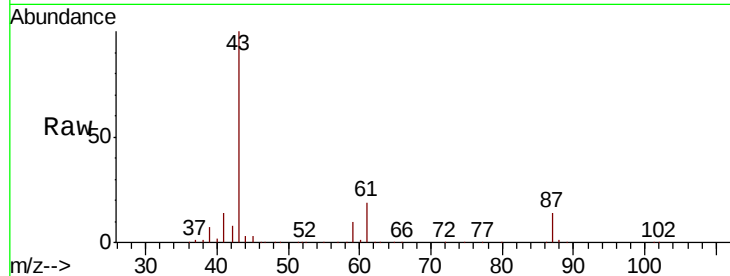
Tot Ion: 43 Resp: 163570

Ion Ratio Lower Upper

43 100

61 20.5 16.5 24.7

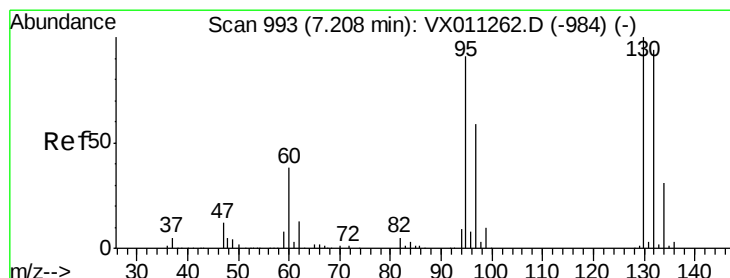
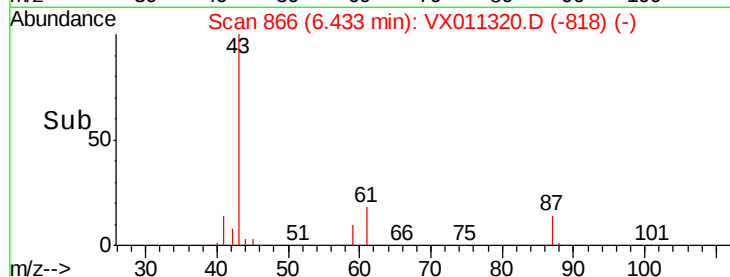
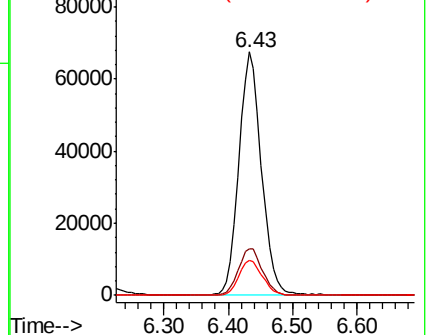
87 14.9 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.839 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011320.D

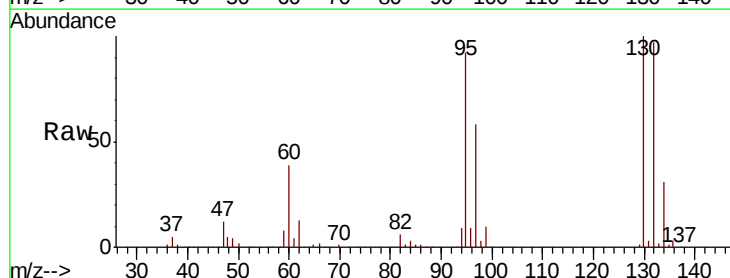
Acq: 05 Aug 2019 10:21

Tgt Ion:130 Resp: 89937

Ion Ratio Lower Upper

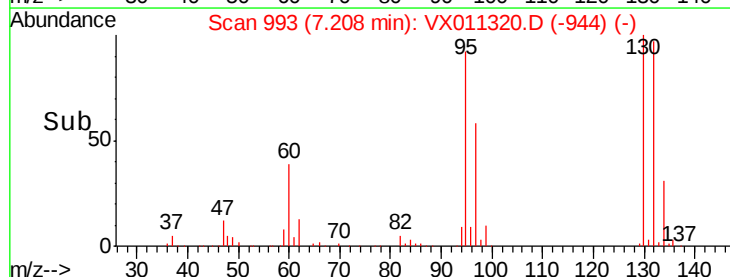
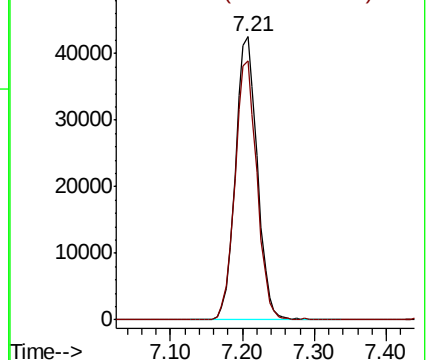
130 100

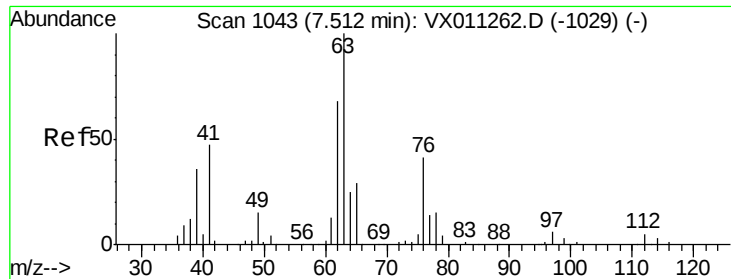
95 91.6 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

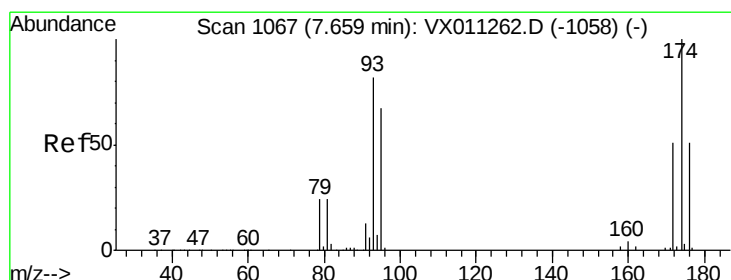
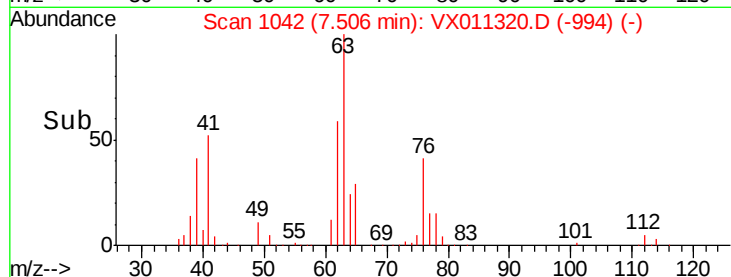
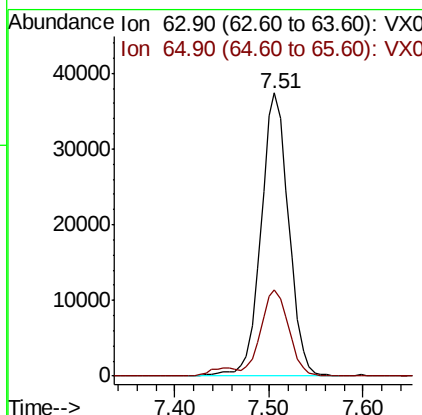
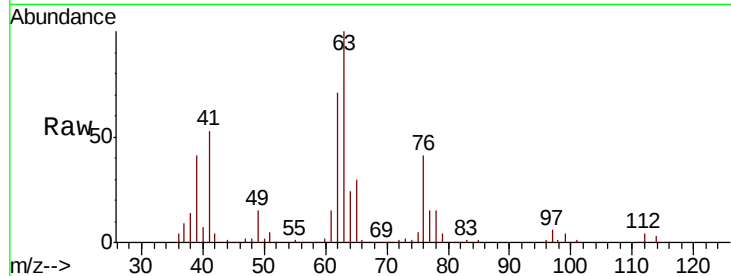




#45
 1,2-Dichloropropane
 Concen: 47.717 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

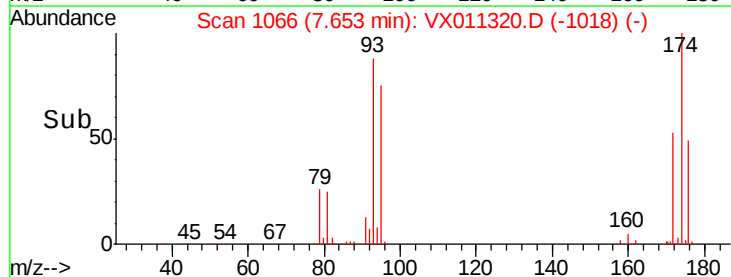
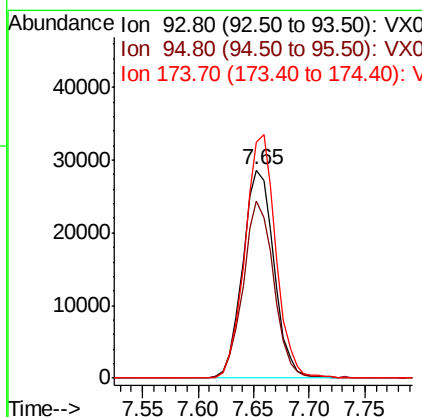
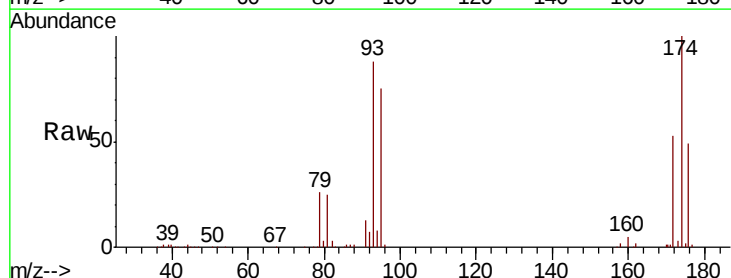
Instrument :
 MSVOA_X
 ClientSampleId :

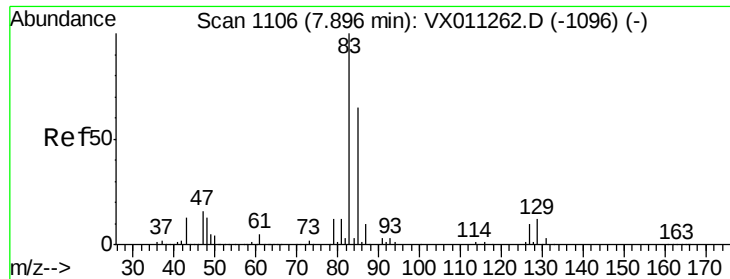
Tot Ion: 63 Resp: 76755
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.3 34.9



#46
 Dibromomethane
 Concen: 47.882 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion: 93 Resp: 56226
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 115.3 93.4 140.2





#47

Bromodichloromethane

Concen: 52.730 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

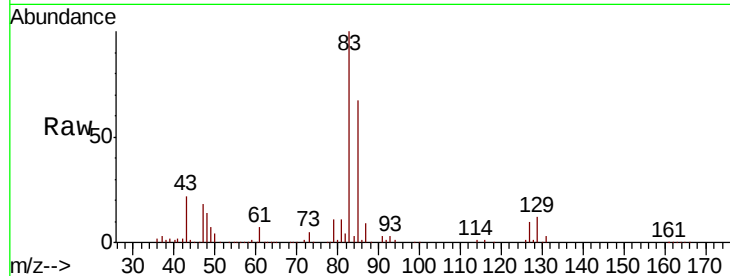
Tot Ion: 83 Resp: 104835

Ion Ratio Lower Upper

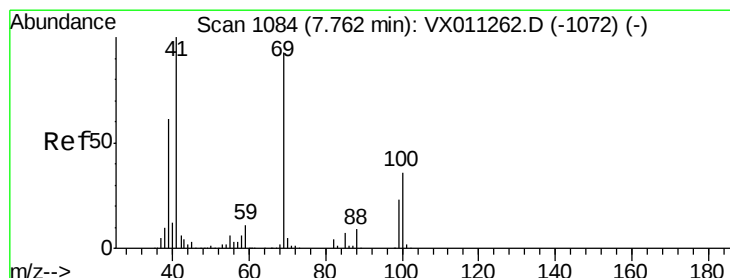
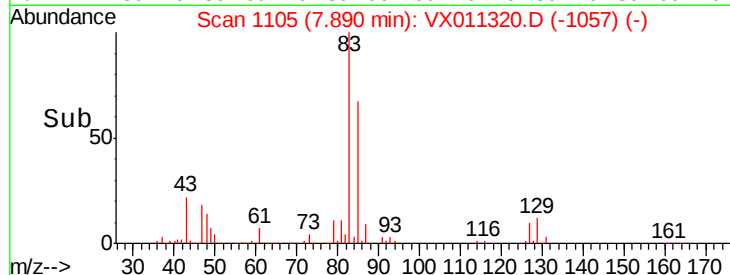
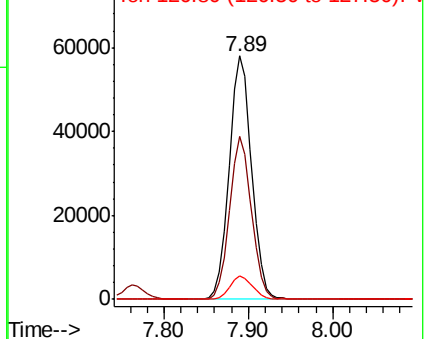
83 100

85 67.1 52.2 78.2

127 9.8 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: 51.312 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

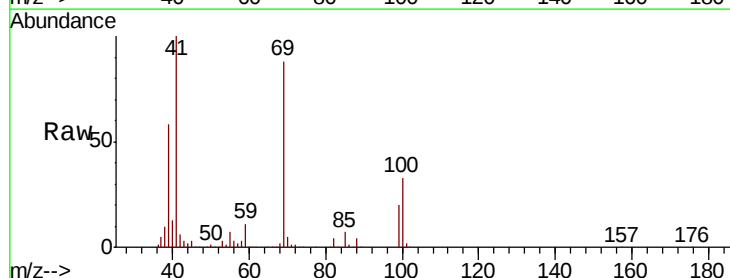
Tgt Ion: 41 Resp: 80604

Ion Ratio Lower Upper

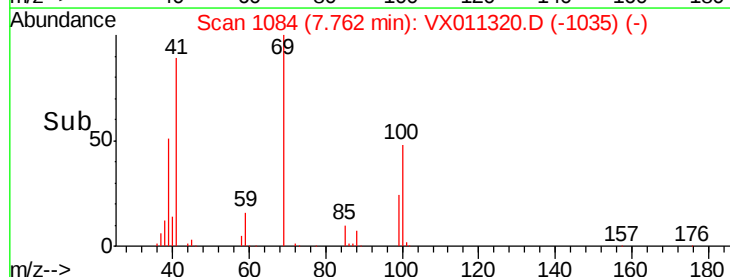
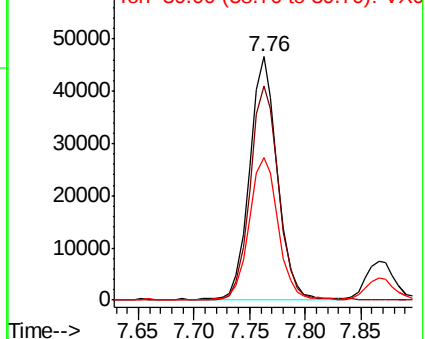
41 100

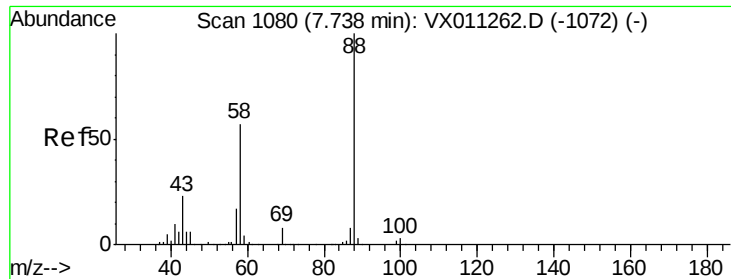
69 90.3 74.5 111.7

39 60.7 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

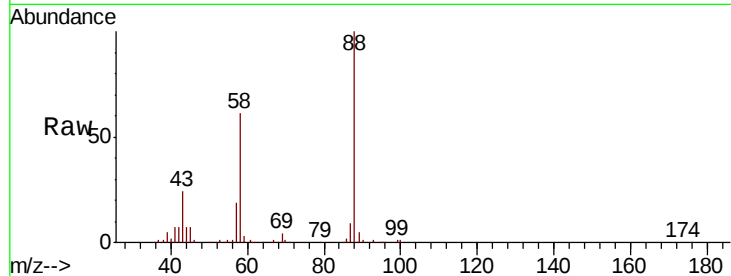




#49
1,4-Dioxane
Concen: 875.347 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	88	Resp	39864
Ion	Ratio	Lower	Upper
88	100		
43	30.3	22.2	33.2
58	63.5	47.8	71.8

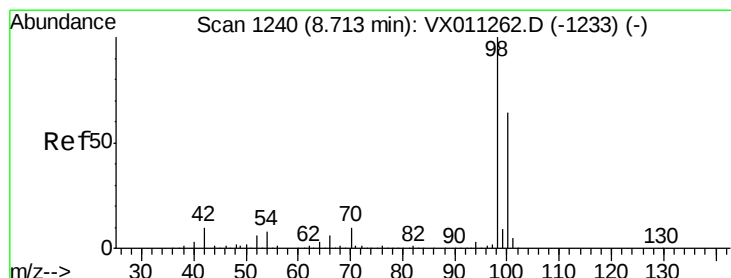
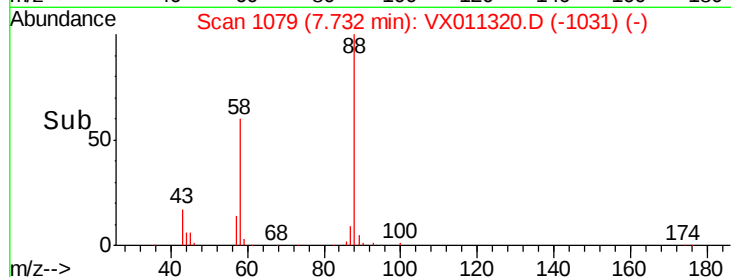
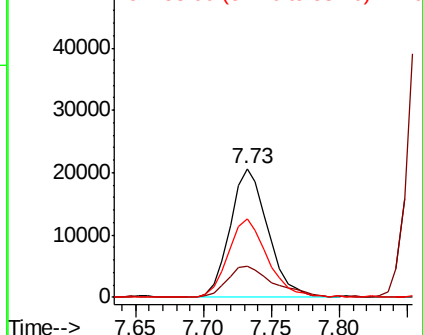


Abundance

Ion 88.00 (87.70 to 88.70): VX0

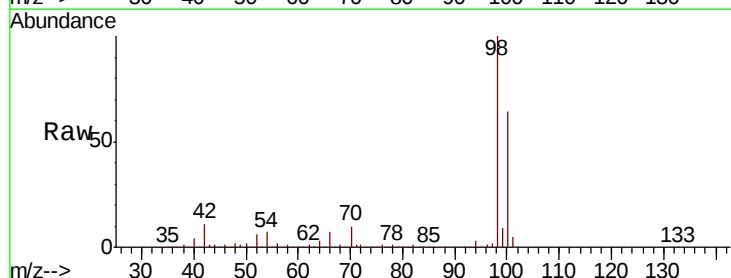
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.222 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

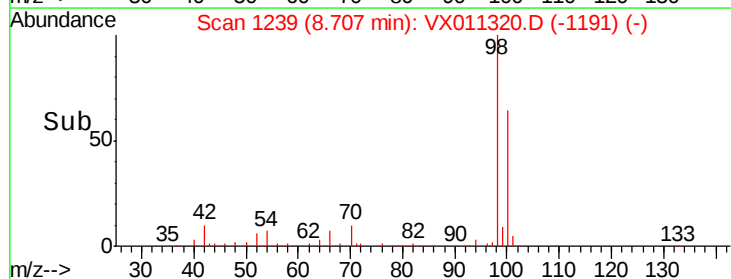
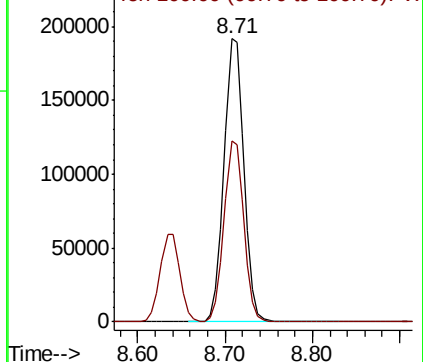
Tgt Ion	98	Resp	300931
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

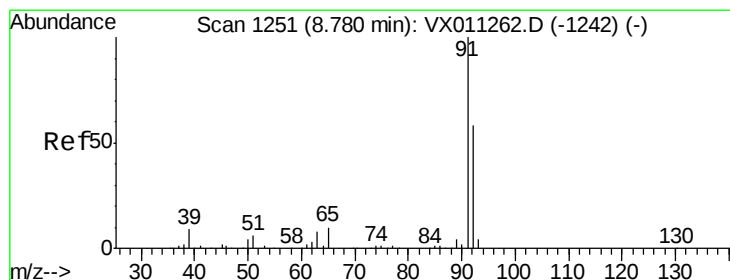
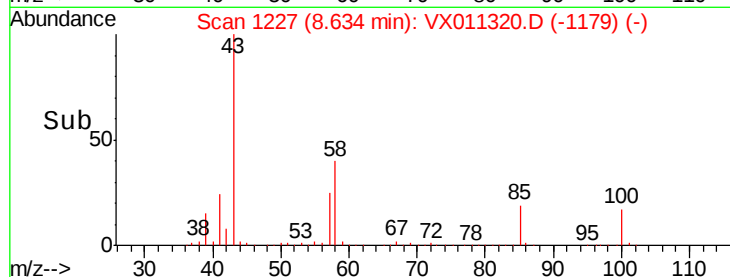
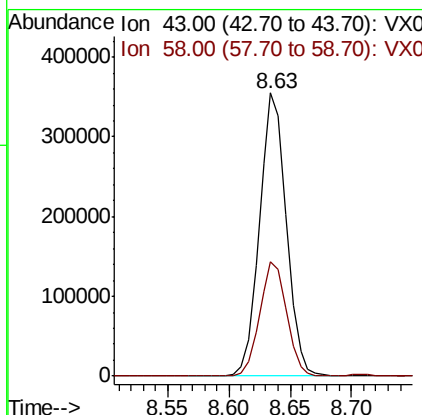
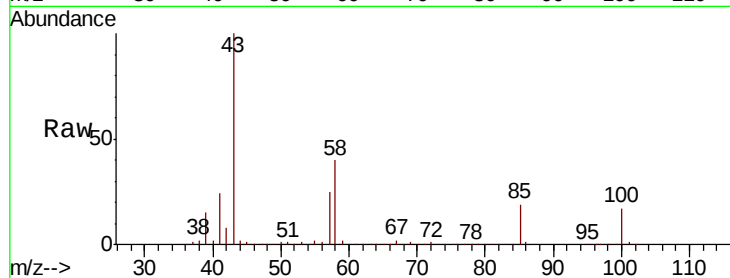




#51
 4-Methyl-2-Pentanone
 Concen: 252.004 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

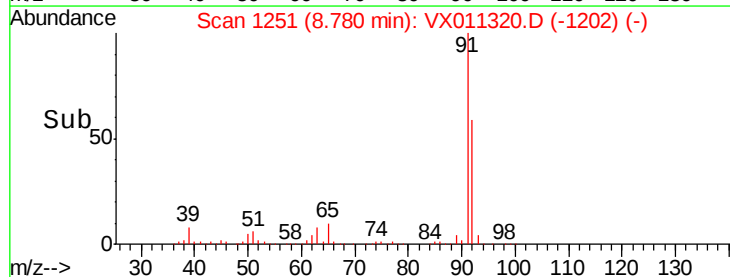
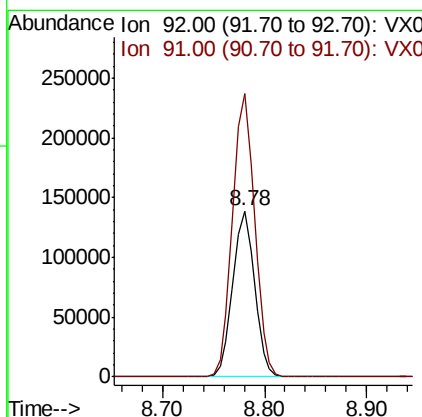
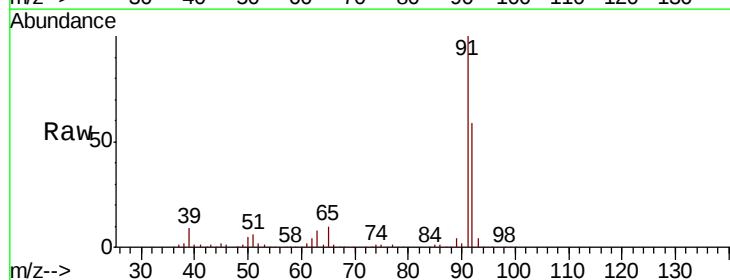
Instrument :
 MSVOA_X
 ClientSampleId :

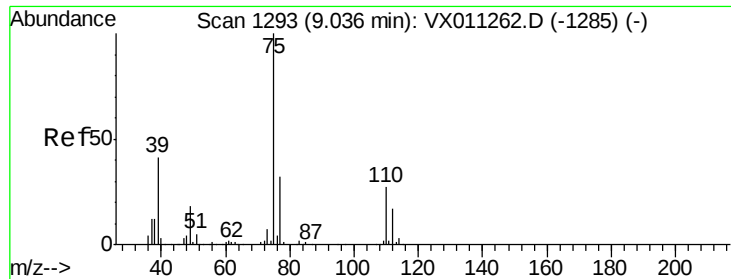
Tot Ion: 43 Resp: 542857
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.3 48.5



#52
 Toluene
 Concen: 50.181 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion: 92 Resp: 206073
 Ion Ratio Lower Upper
 92 100
 91 172.8 139.4 209.0

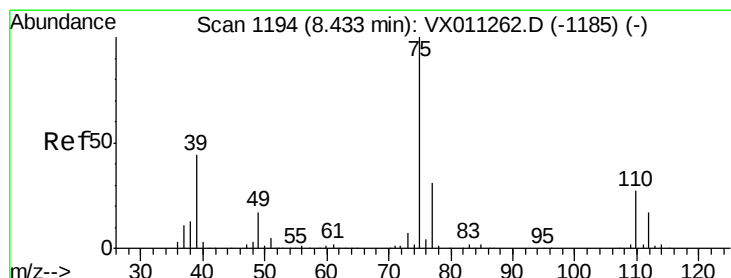
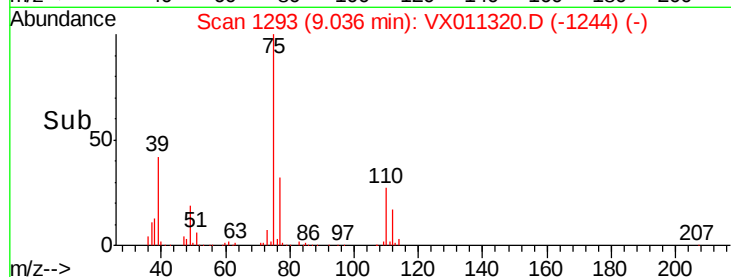
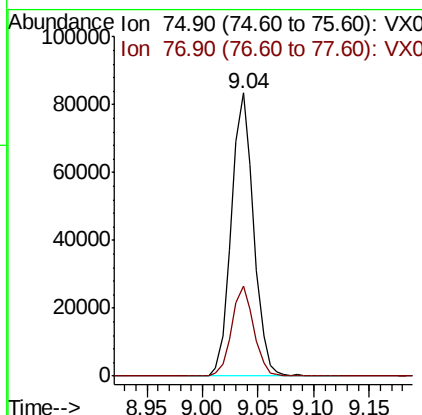
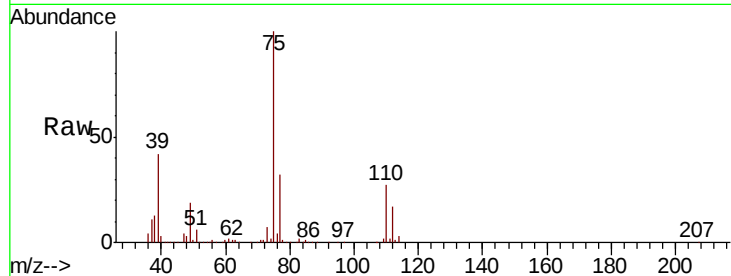




#53
 t-1,3-Dichloropropene
 Concen: 50.001 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

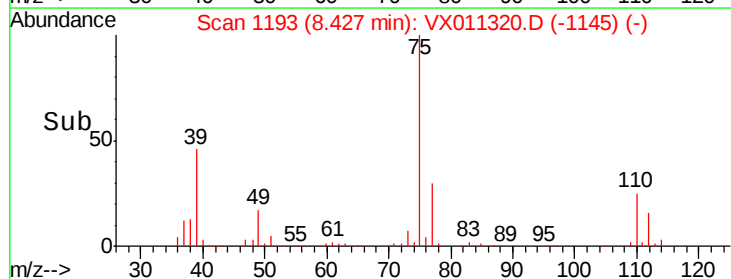
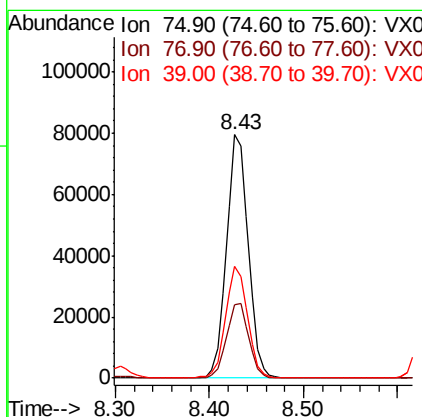
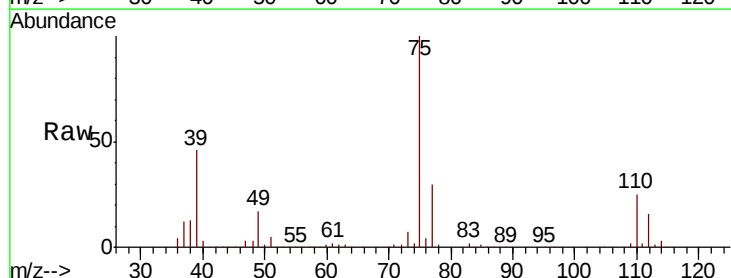
Instrument :
 MSVOA_X
 ClientSampleId :

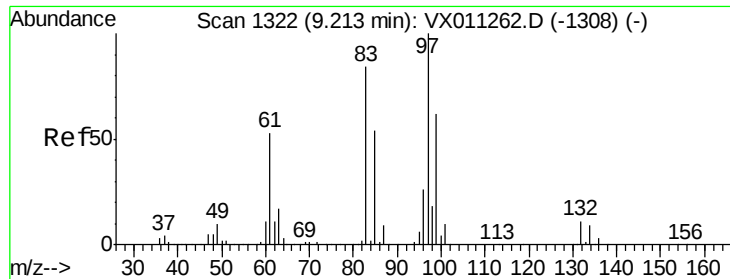
Tot Ion: 75 Resp: 115771
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.638 ug/l
 RT: 8.43 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion: 75 Resp: 126891
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.6
 39 46.0 35.3 52.9

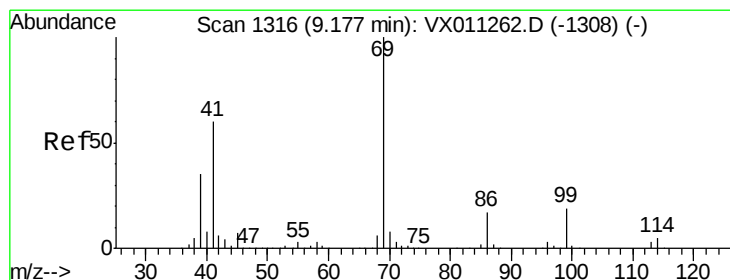
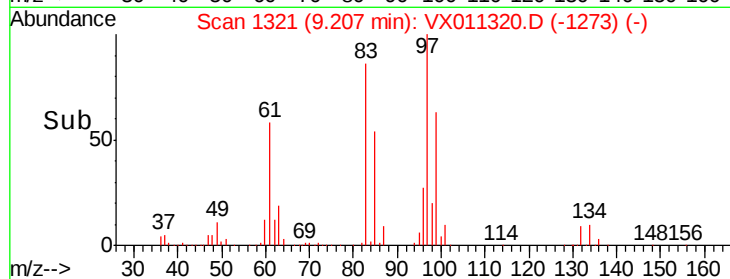
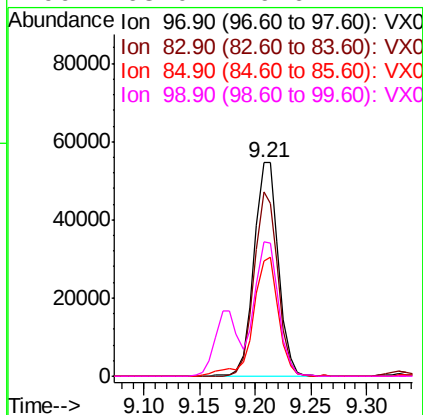
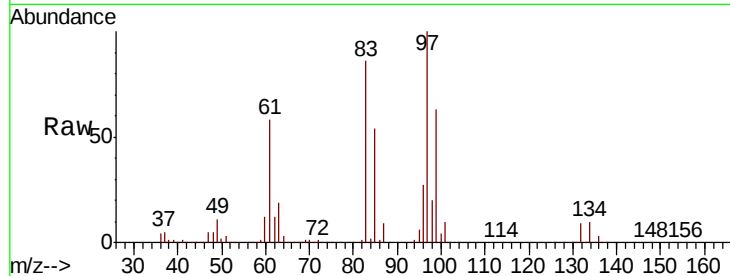




#55
 1,1,2-Trichloroethane
 Concen: 49.533 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

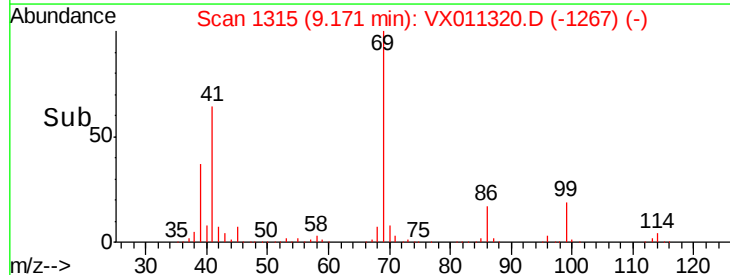
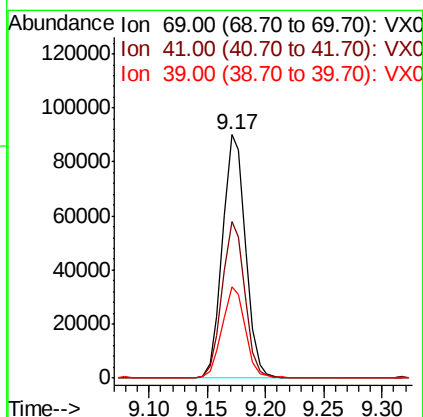
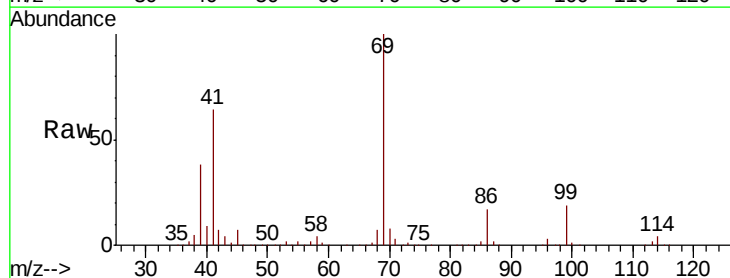
Instrument :
 MSVOA_X
 ClientSampleId :

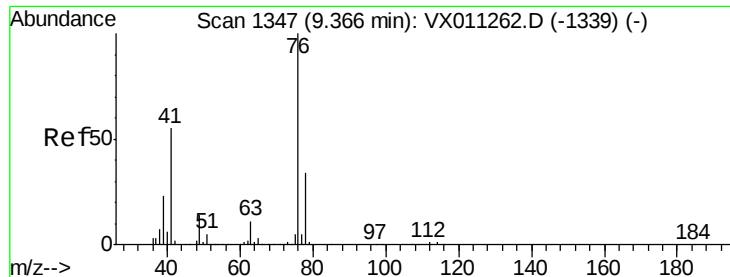
Tot Ion:	97	Resp:	83634
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.6	101.4
85	53.9	43.4	65.0
99	63.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 51.455 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion:	69	Resp:	123807
Ion	Ratio	Lower	Upper
69	100		
41	62.8	48.6	73.0
39	36.9	29.4	44.2





#57

1,3-Dichloropropane

Concen: 49.513 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

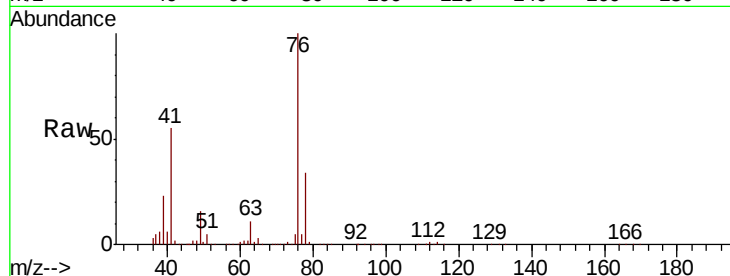
ClientSampleId :

Tot Ion: 76 Resp: 132212

Ion Ratio Lower Upper

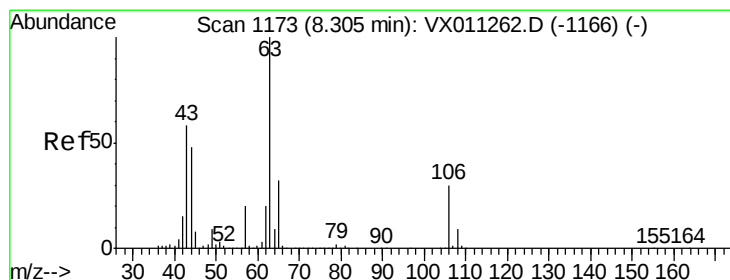
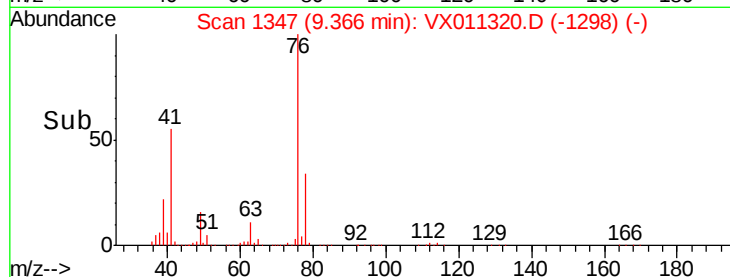
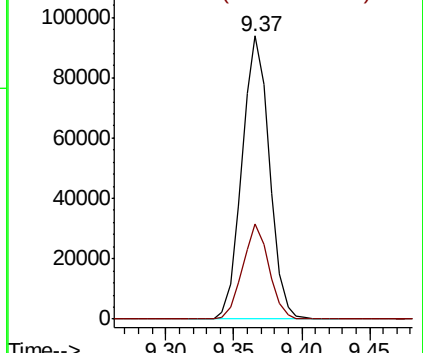
76 100

78 32.5 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: 232.620 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011320.D

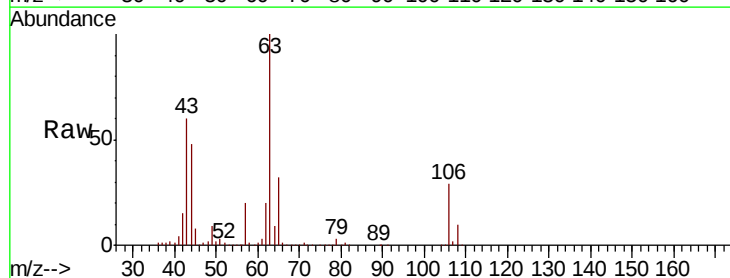
Acq: 05 Aug 2019 10:21

Tgt Ion: 63 Resp: 275205

Ion Ratio Lower Upper

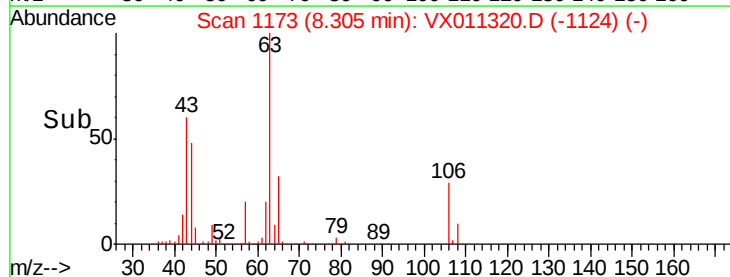
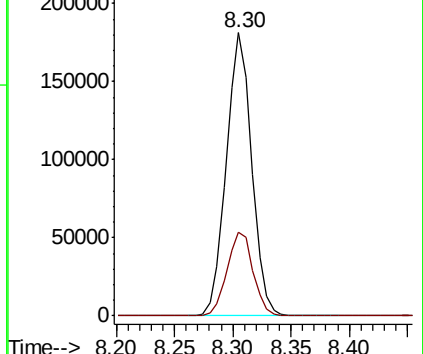
63 100

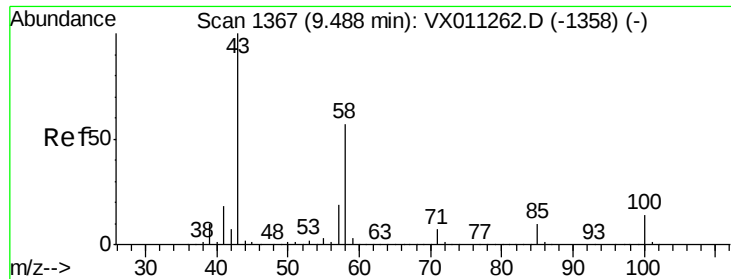
106 30.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

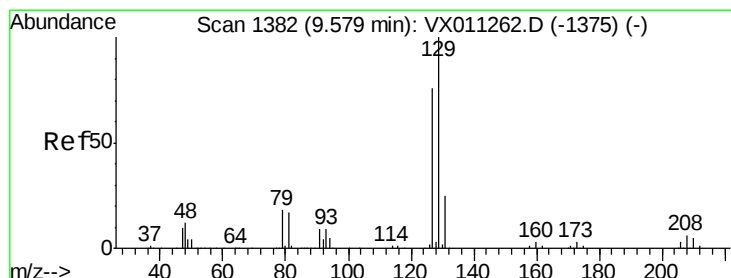
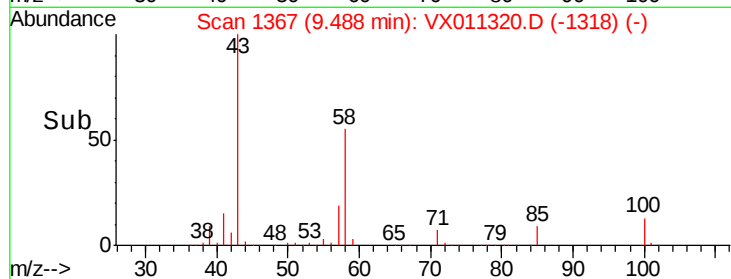
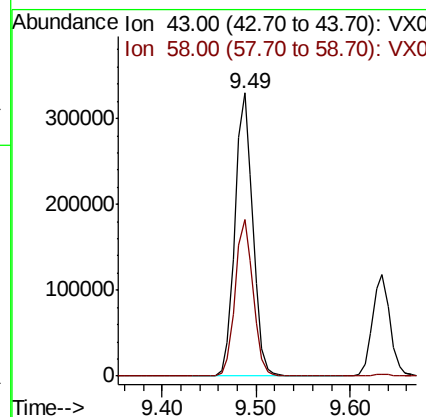
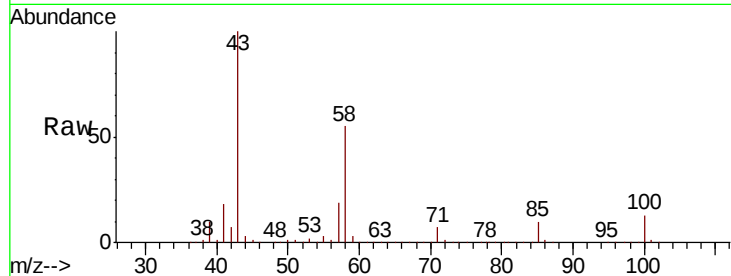




#59
2-Hexanone
Concen: 258.994 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

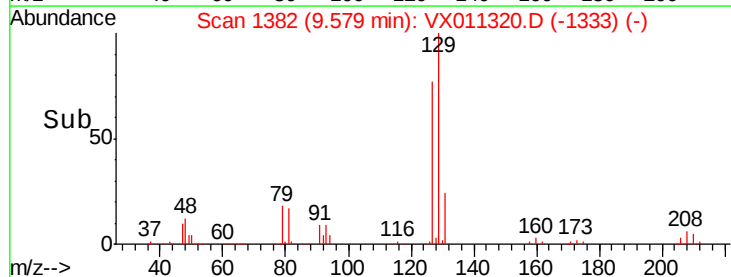
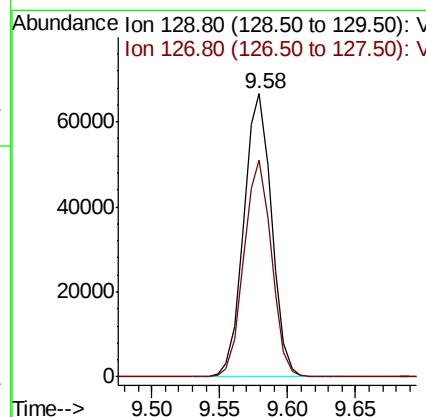
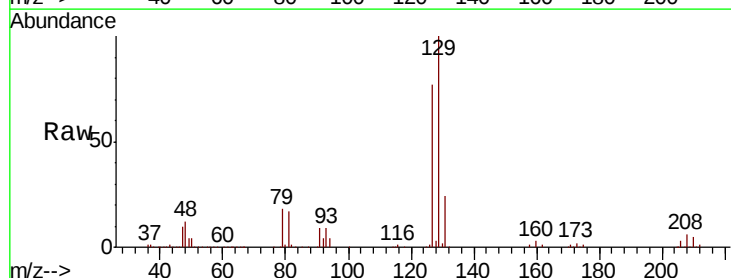
Instrument :
MSVOA_X
ClientSampled :

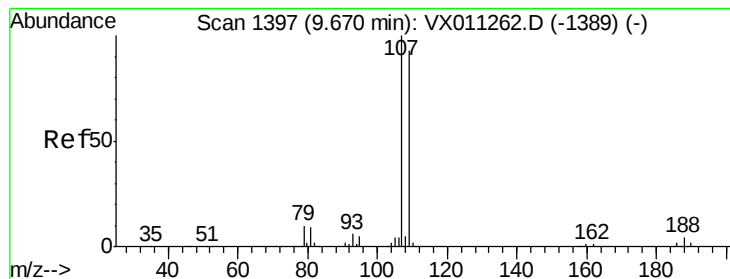
Tot Ion: 43 Resp: 432142
Ion Ratio Lower Upper
43 100
58 55.7 28.2 84.6



#60
Dibromochloromethane
Concen: 54.976 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion:129 Resp: 95034
Ion Ratio Lower Upper
129 100
127 76.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 49.975 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

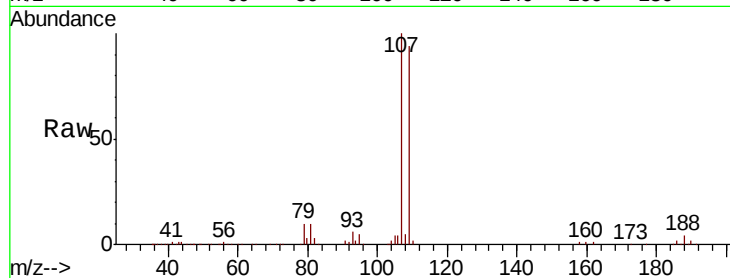
ClientSampleId :

Tot Ion:107 Resp: 91163

Ion Ratio Lower Upper

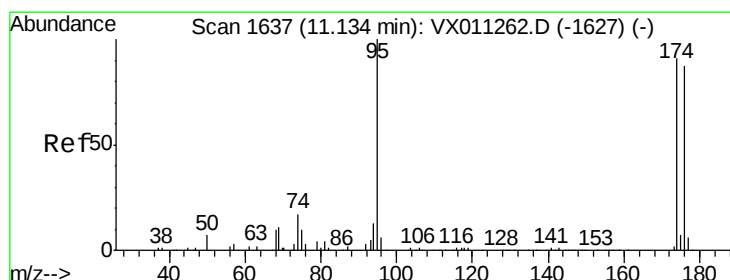
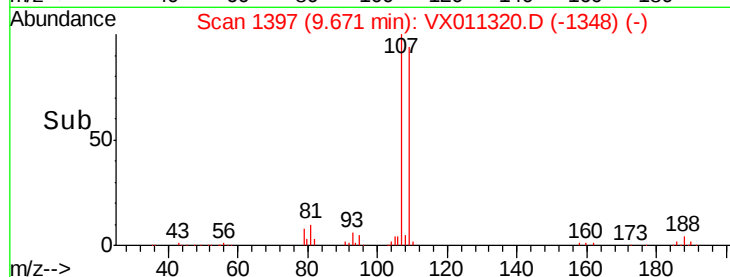
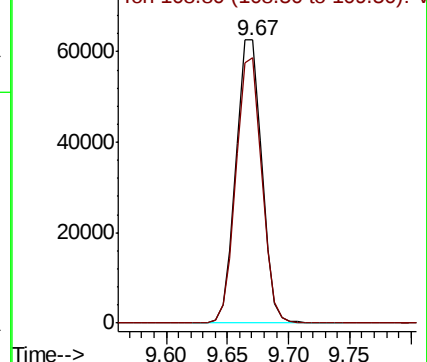
107 100

109 93.3 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.943 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

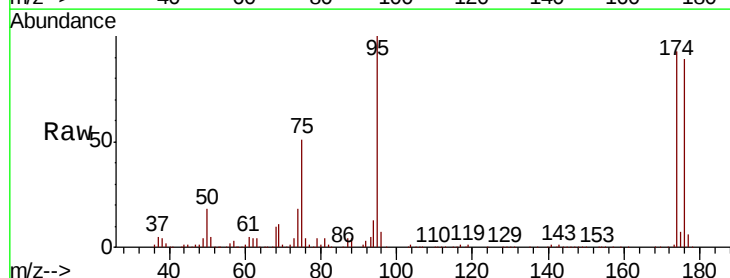
Tgt Ion: 95 Resp: 111051

Ion Ratio Lower Upper

95 100

174 92.9 0.0 191.2

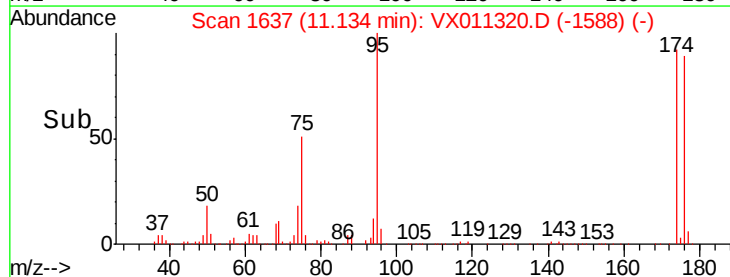
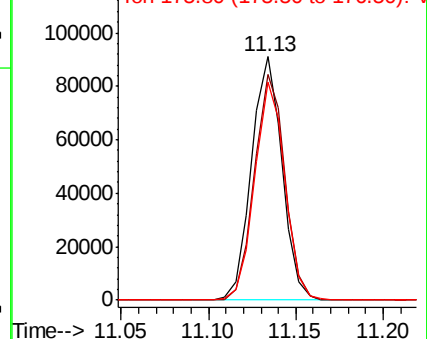
176 88.6 0.0 184.8

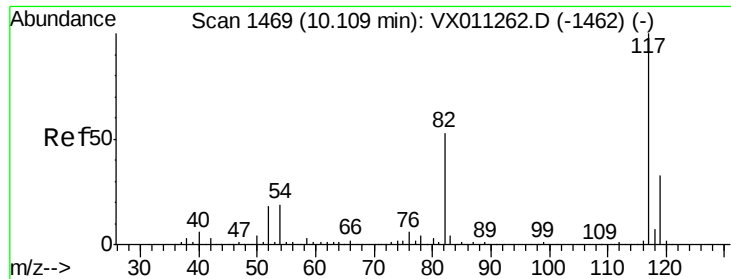


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

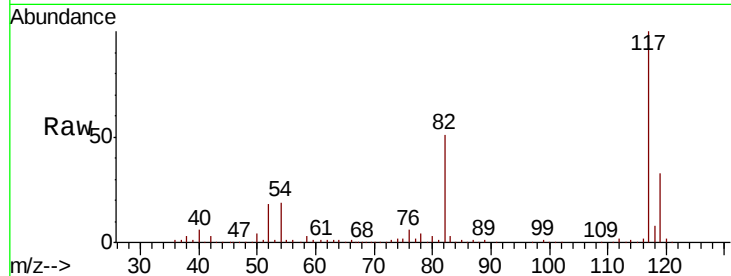




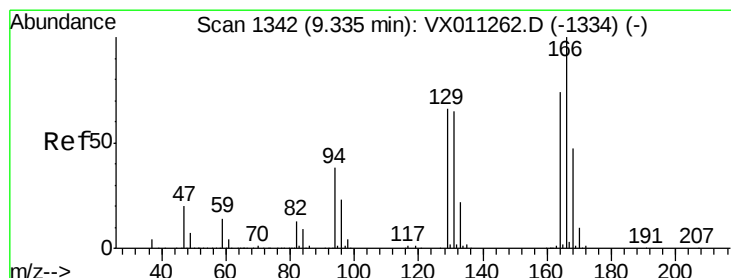
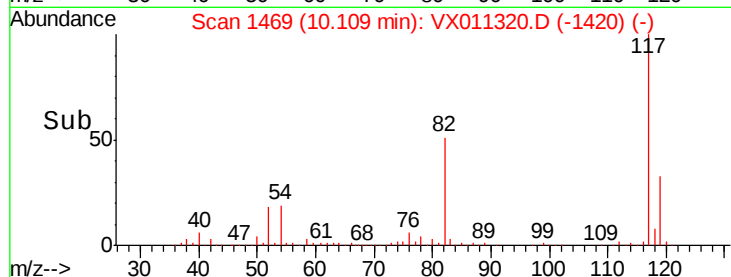
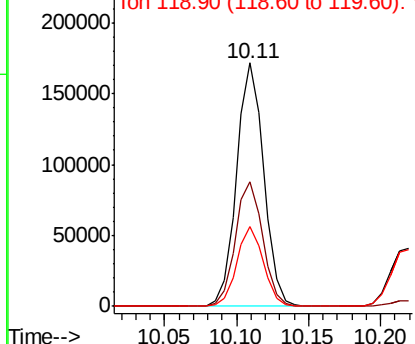
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 225265
Ion Ratio Lower Upper
117 100
82 50.9 42.2 63.2
119 32.7 26.6 39.8

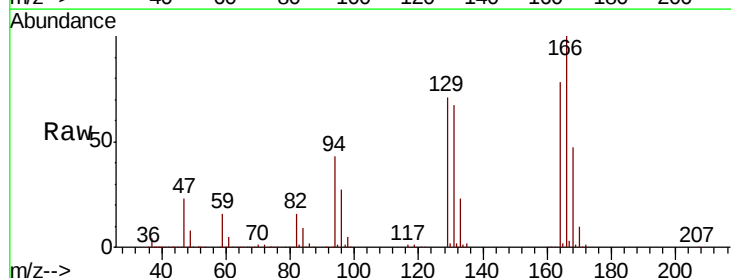


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

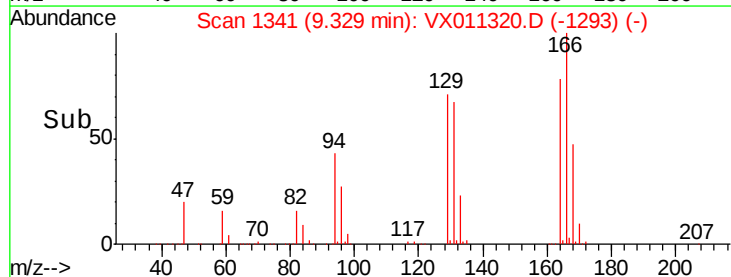
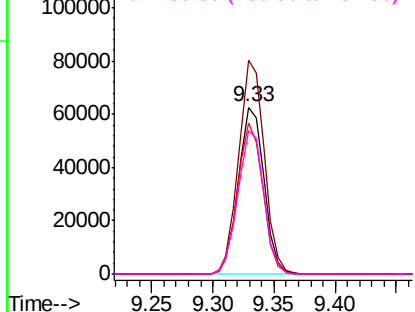


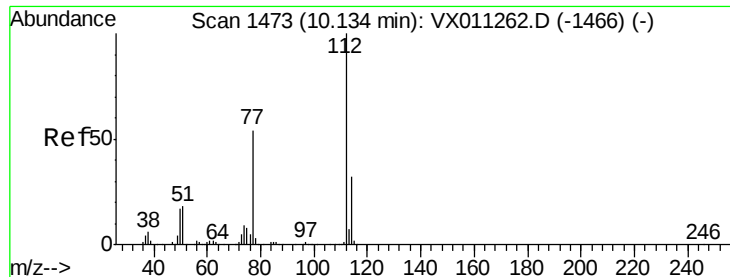
#64
Tetrachloroethene
Concen: 47.455 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion:164 Resp: 90784
Ion Ratio Lower Upper
164 100
166 128.2 107.5 161.3
129 90.5 71.0 106.4
131 86.0 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

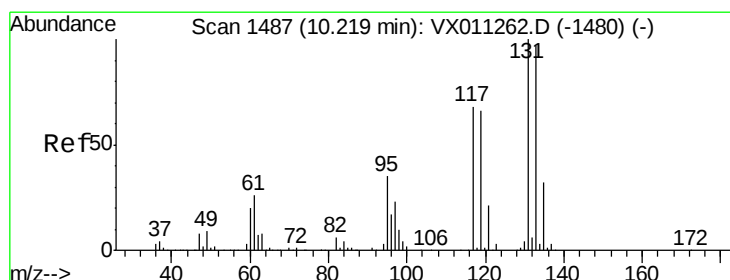
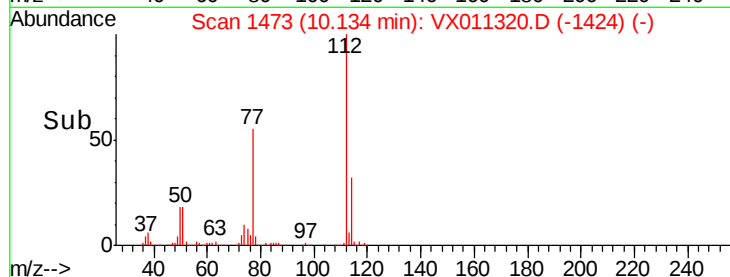
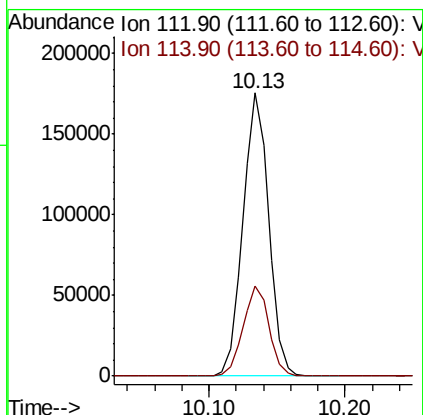
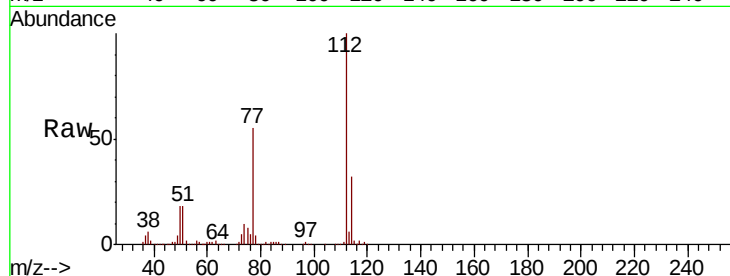




#65
Chlorobenzene
Concen: 47.992 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

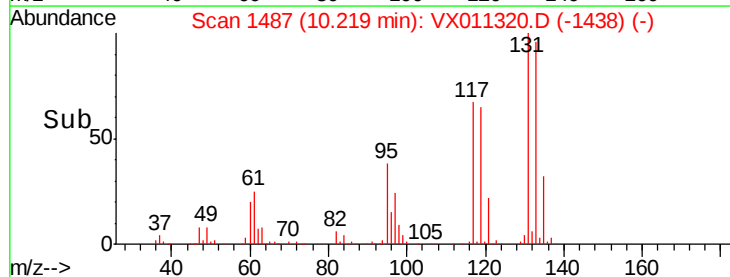
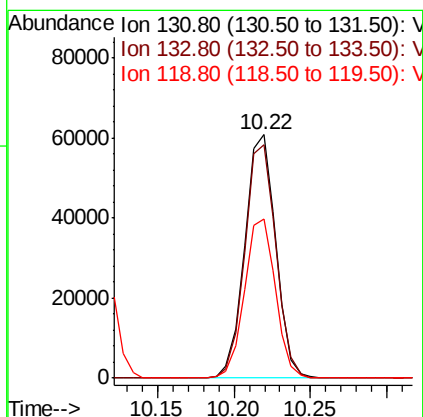
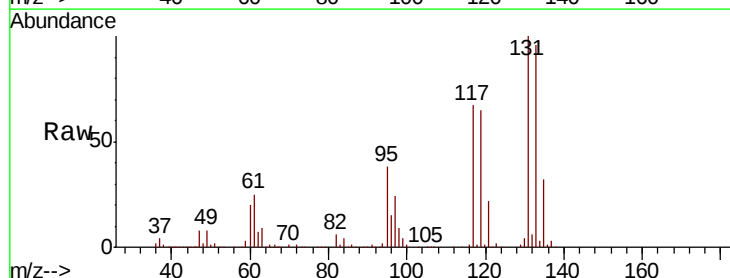
Instrument :
MSVOA_X
ClientSampleId :

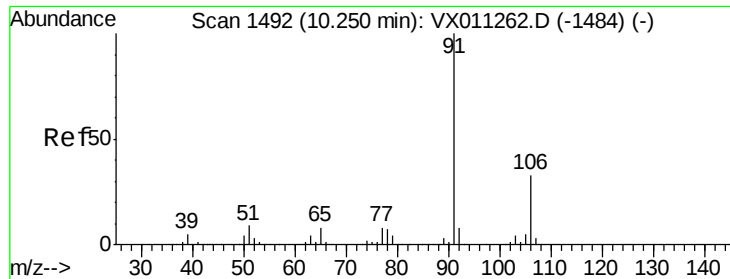
Tot Ion:112 Resp: 231800
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.624 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion:131 Resp: 85363
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 65.3 32.8 98.3

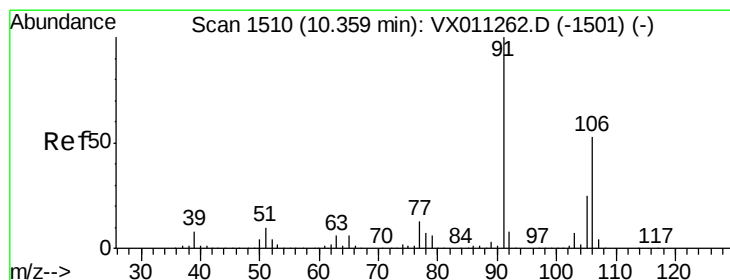
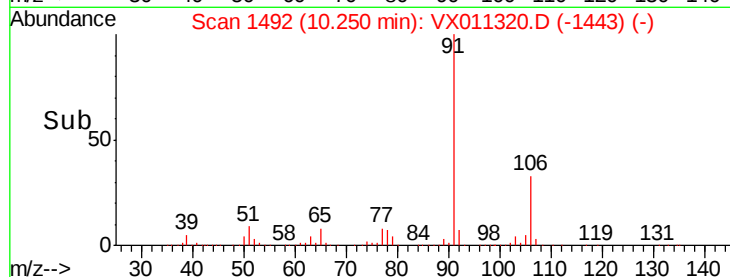
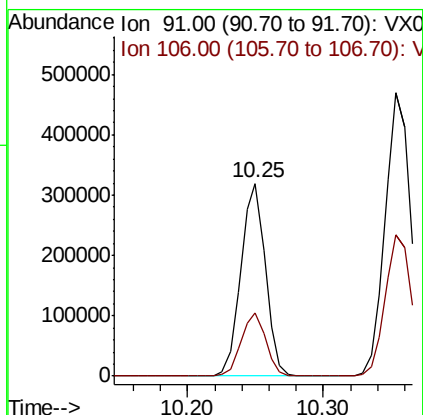
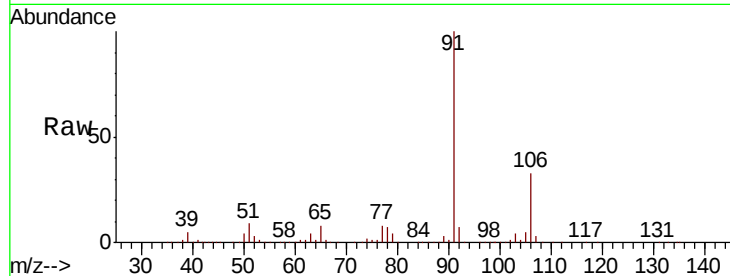




#67
Ethyl Benzene
Concen: 49.606 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

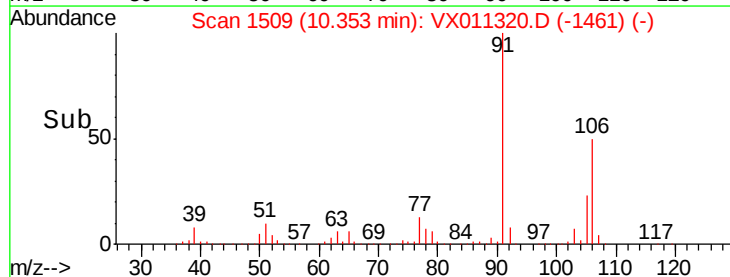
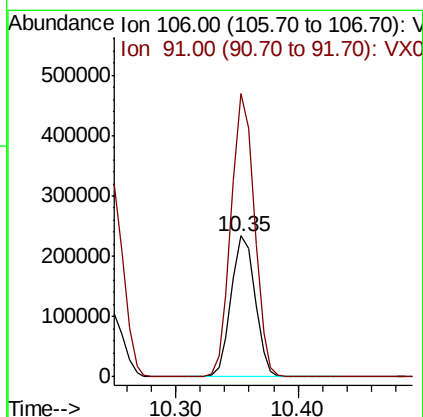
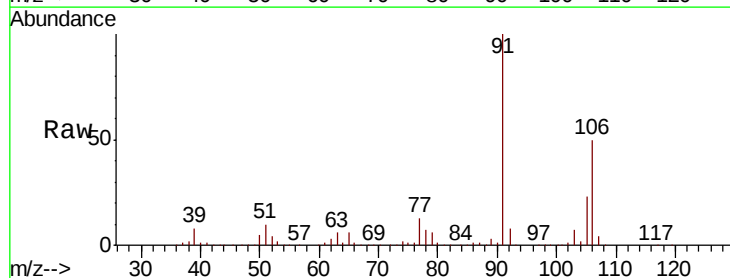
Instrument :
MSVOA_X
ClientSampled :

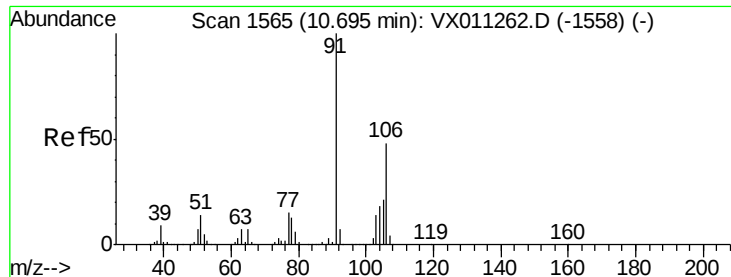
Tot Ion: 91 Resp: 401259
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.4



#68
m/p-Xylenes
Concen: 101.014 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion: 106 Resp: 316054
Ion Ratio Lower Upper
106 100
91 196.7 155.9 233.9

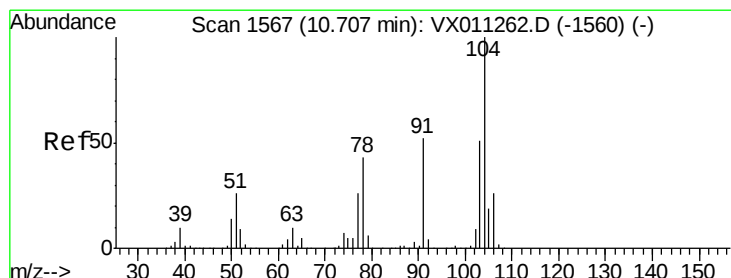
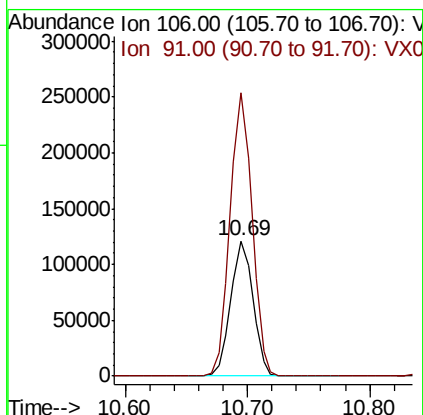
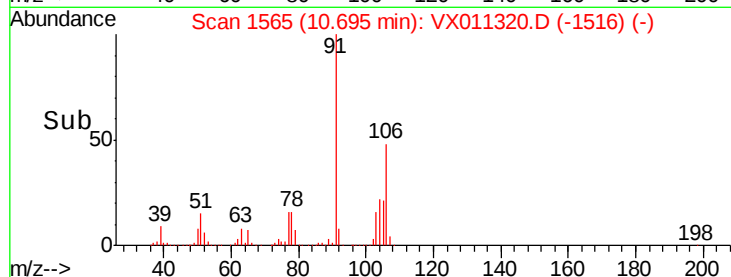
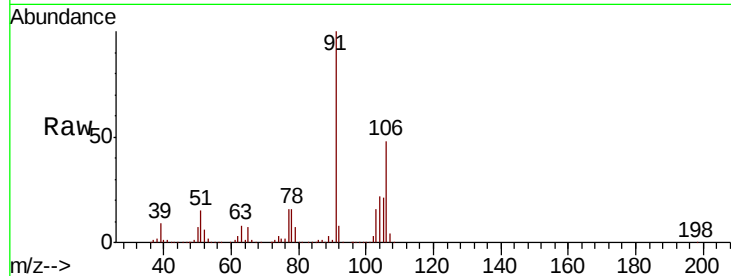




#69
o-Xylene
Concen: 49.459 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

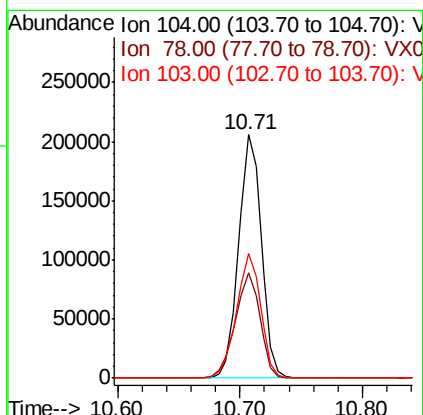
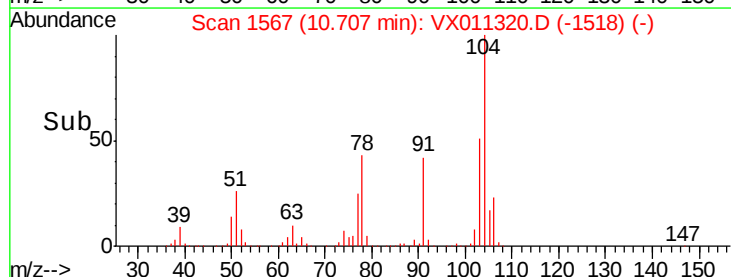
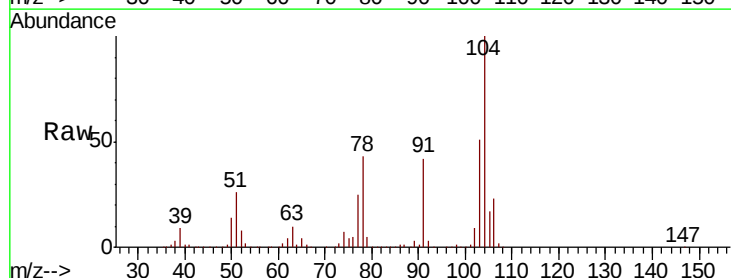
Instrument :
MSVOA_X
ClientSampled :

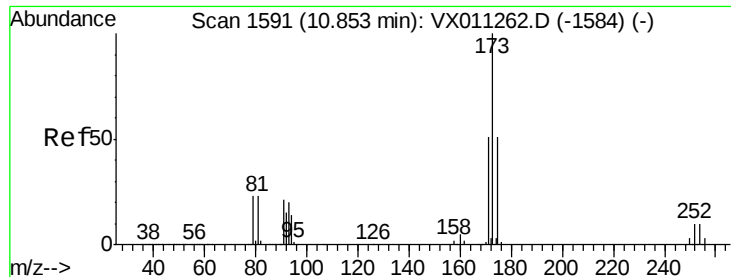
Tot Ion:106 Resp: 152047
Ion Ratio Lower Upper
106 100
91 207.9 103.8 311.3



#70
Styrene
Concen: 51.875 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion:104 Resp: 263870
Ion Ratio Lower Upper
104 100
78 47.2 36.9 55.3
103 54.8 44.4 66.6





#71

Bromoform

Concen: 49.472 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

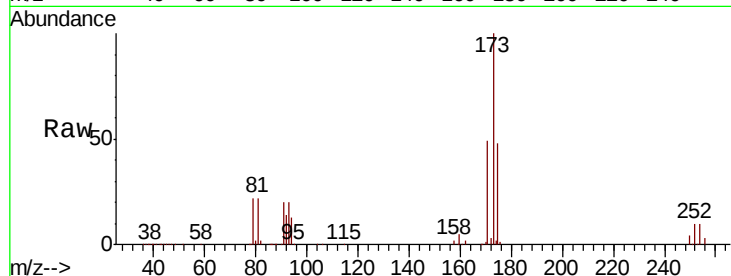
Tot Ion:173 Resp: 73098

Ion Ratio Lower Upper

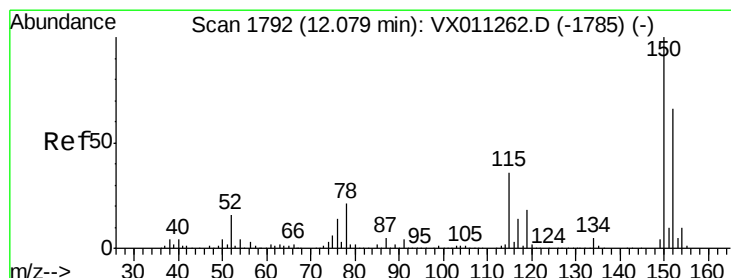
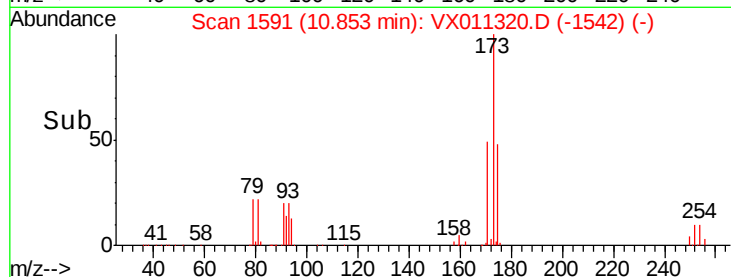
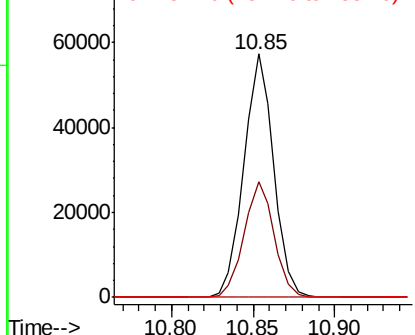
173 100

175 48.0 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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

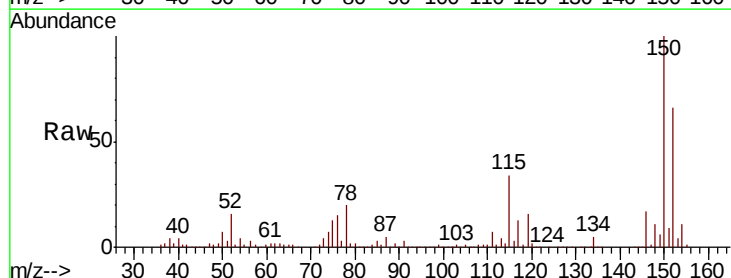
Tgt Ion:152 Resp: 125593

Ion Ratio Lower Upper

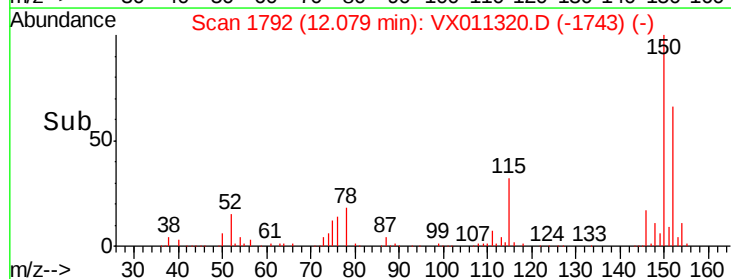
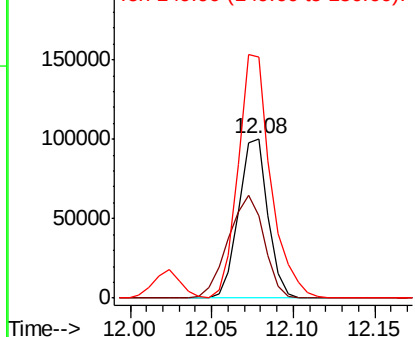
152 100

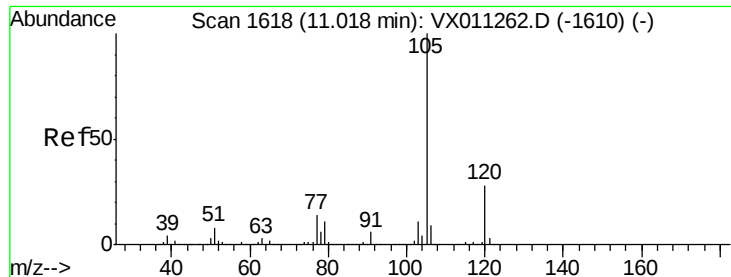
115 79.6 40.0 119.9

150 170.5 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: 48.416 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

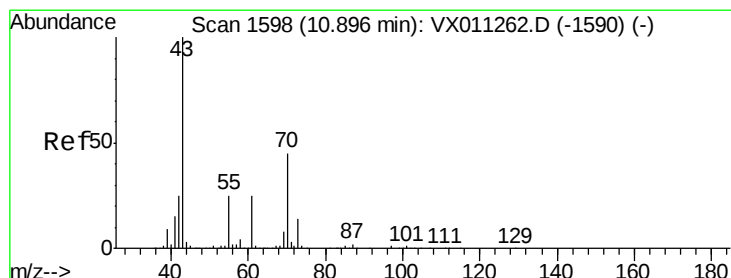
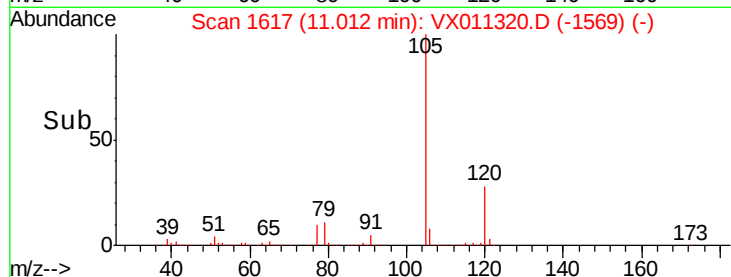
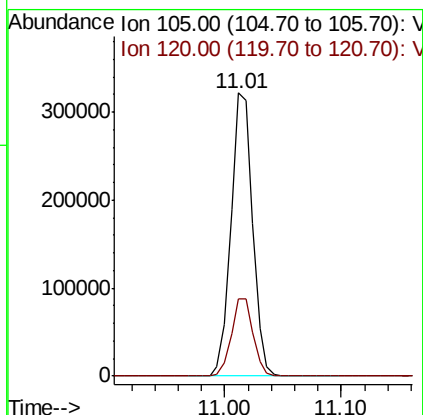
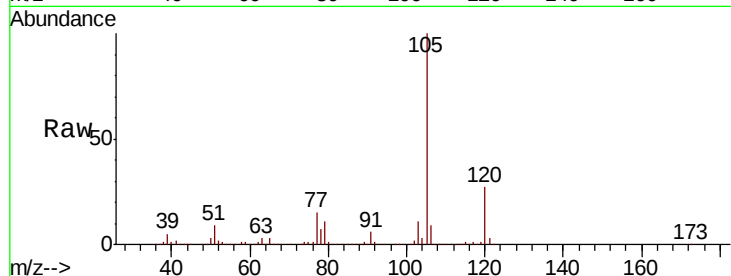
ClientSampleId :

Tot Ion:105 Resp: 415880

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



#74

N-ethyl acetate

Concen: 50.667 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Tgt Ion: 43 Resp: 157257

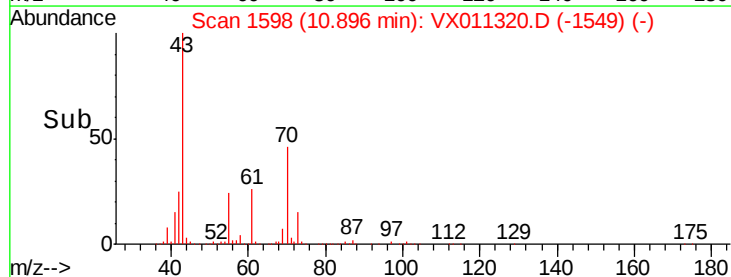
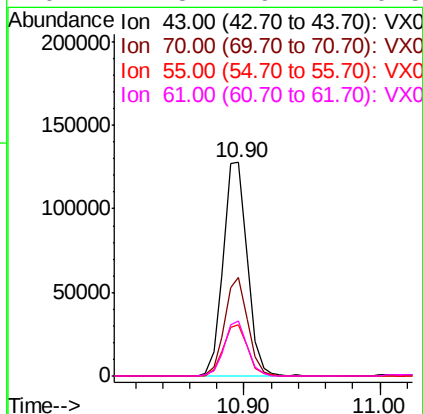
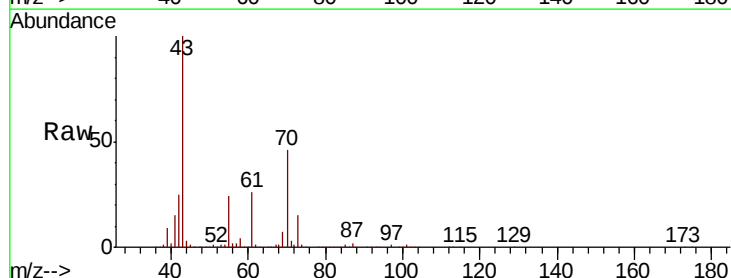
Ion Ratio Lower Upper

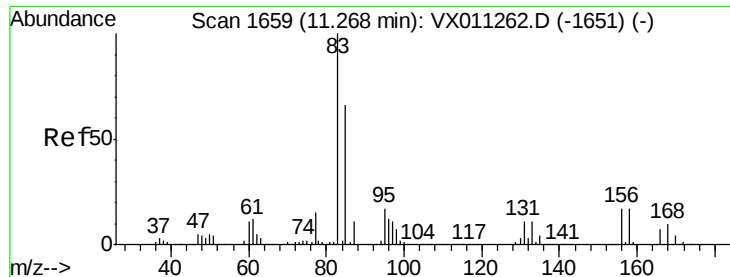
43 100

70 44.2 35.9 53.9

55 24.4 19.8 29.6

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.771 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

ClientSampled :

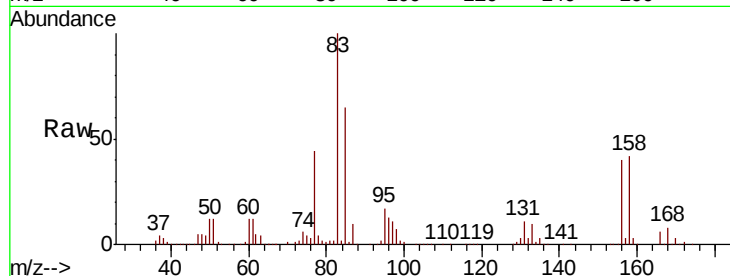
Tot Ion: 83 Resp: 133881

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

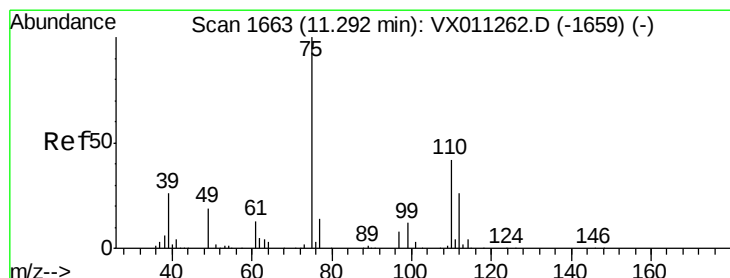
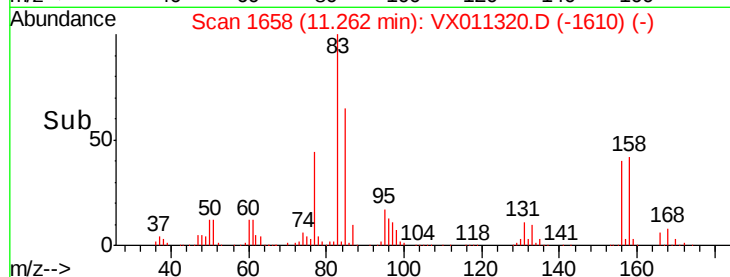
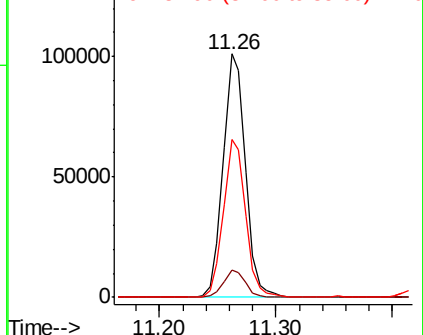
85 64.6 32.1 96.5



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: 64.396 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011320.D

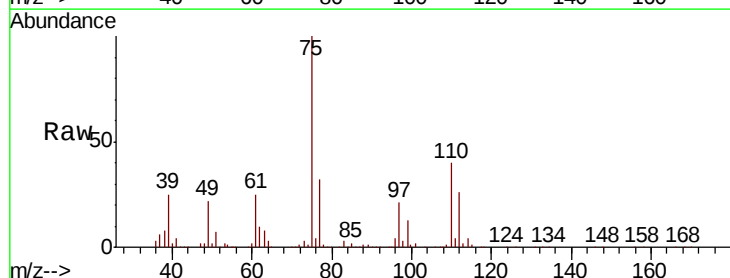
Acq: 05 Aug 2019 10:21

Tgt Ion: 75 Resp: 147287

Ion Ratio Lower Upper

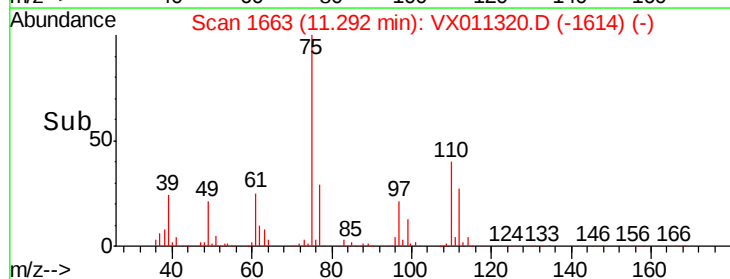
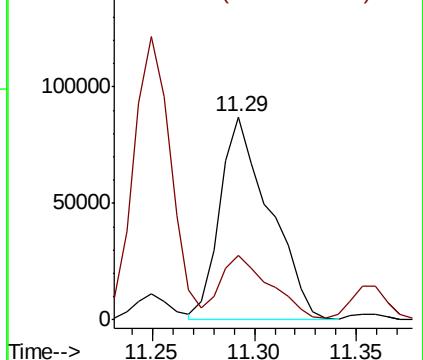
75 100

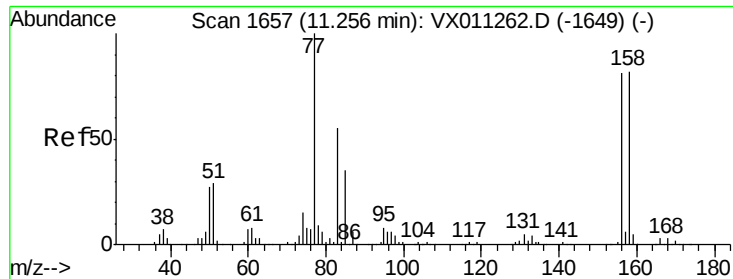
77 31.9 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.958 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

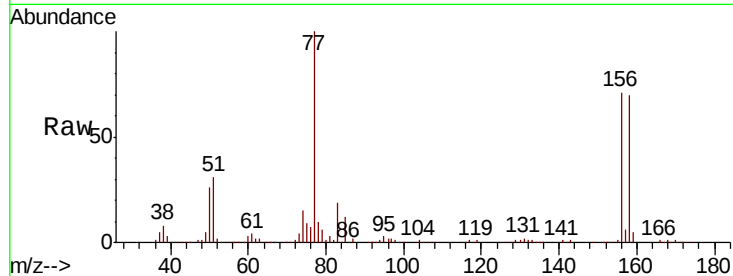
Tot Ion:156 Resp: 111847

Ion Ratio Lower Upper

156 100

77 137.7 66.2 198.6

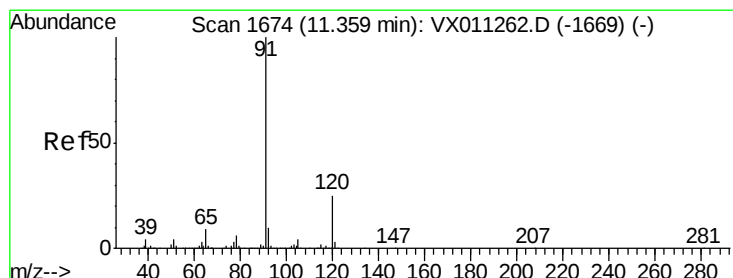
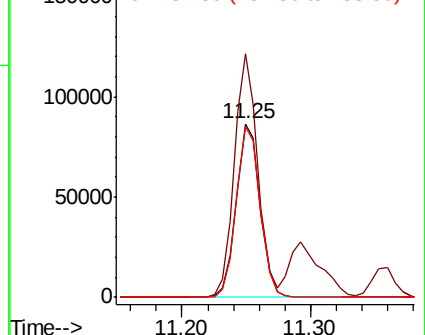
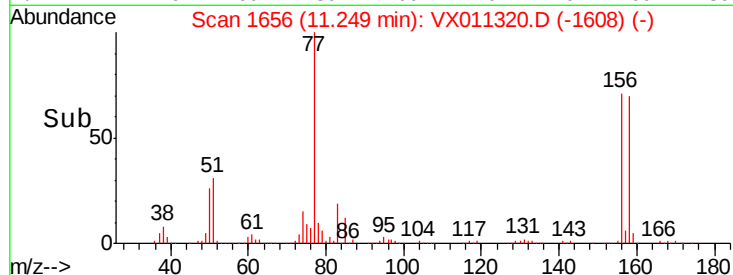
158 98.9 49.1 147.3



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: 49.390 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011320.D

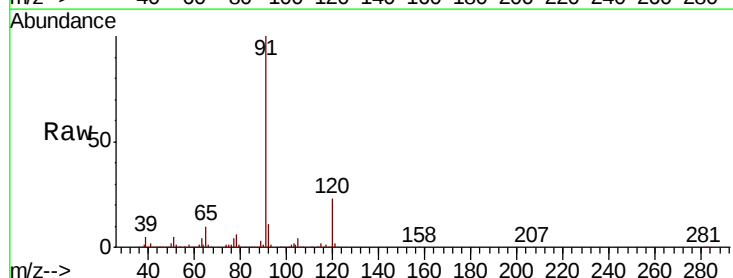
Acq: 05 Aug 2019 10:21

Tgt Ion: 91 Resp: 471784

Ion Ratio Lower Upper

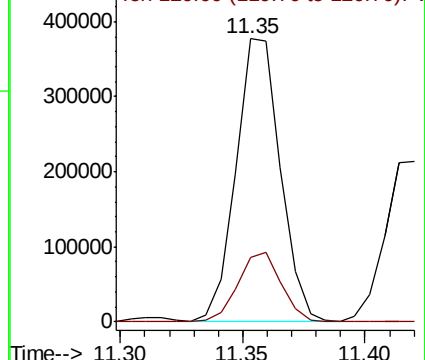
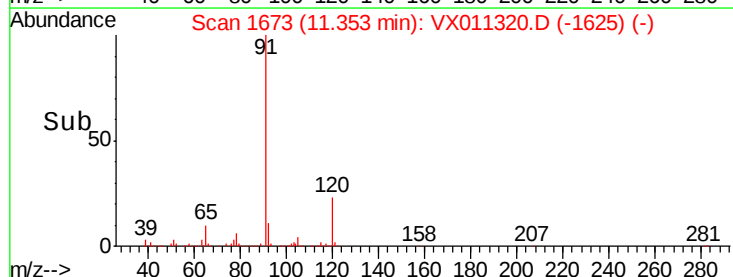
91 100

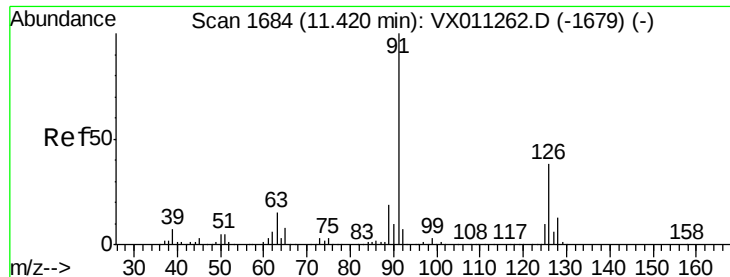
120 24.3 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.003 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

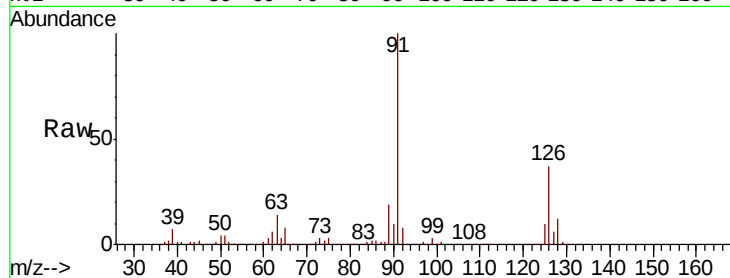
ClientSampleId :

Tot Ion: 91 Resp: 273300

Ion Ratio Lower Upper

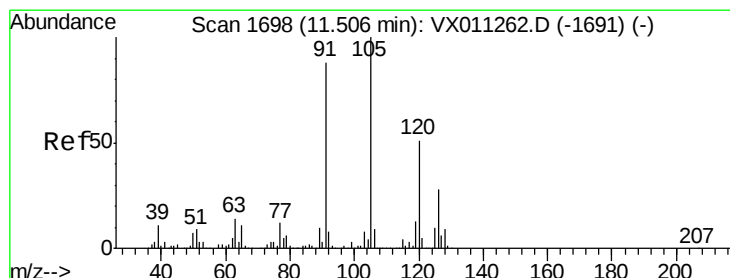
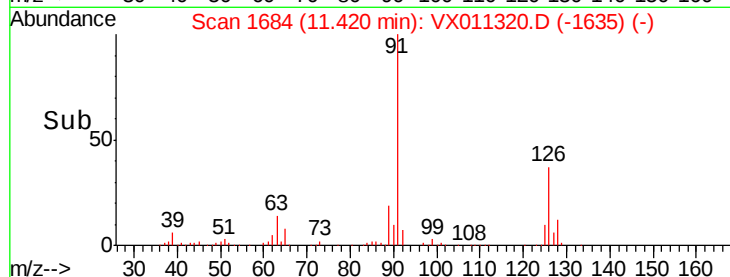
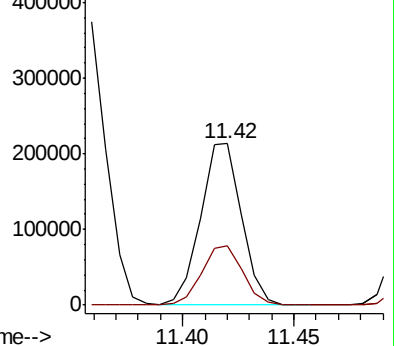
91 100

126 36.9 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.098 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011320.D

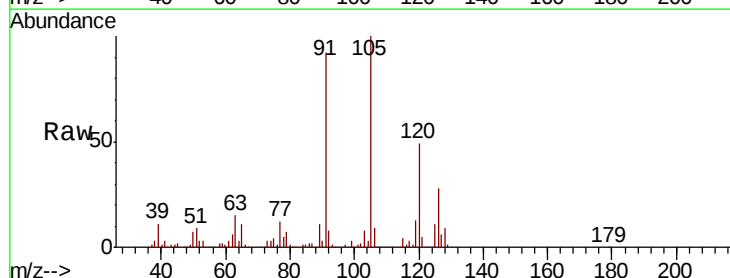
Acq: 05 Aug 2019 10:21

Tgt Ion:105 Resp: 353039

Ion Ratio Lower Upper

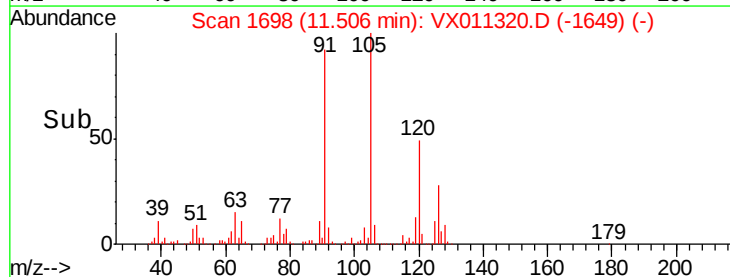
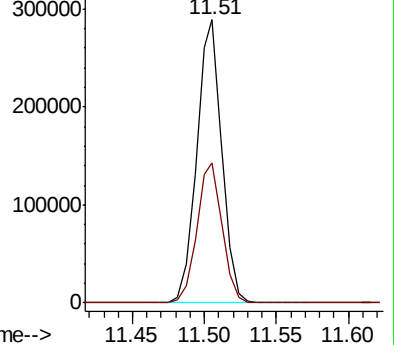
105 100

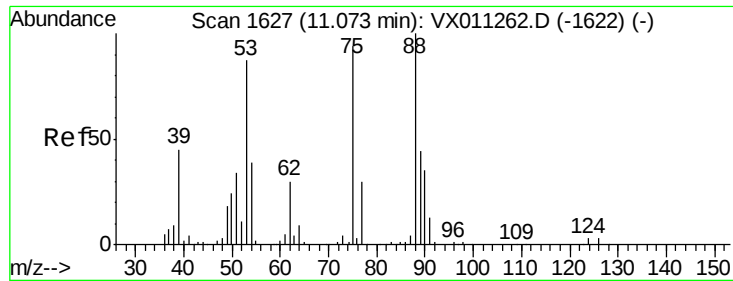
120 49.8 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

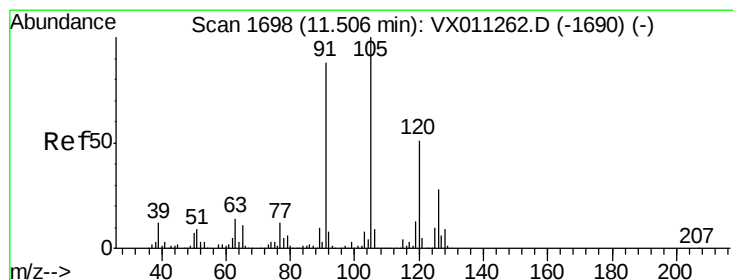
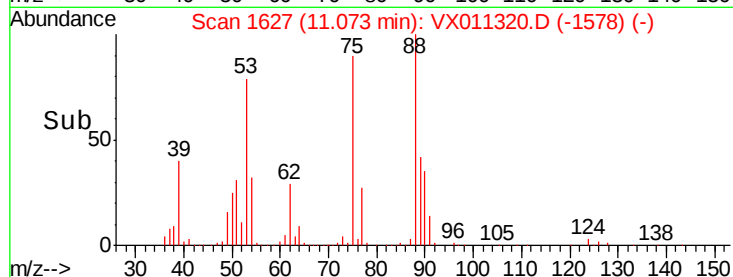
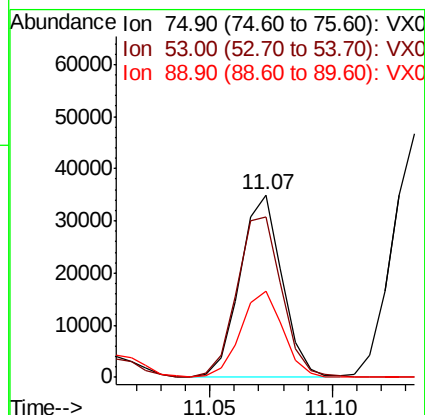
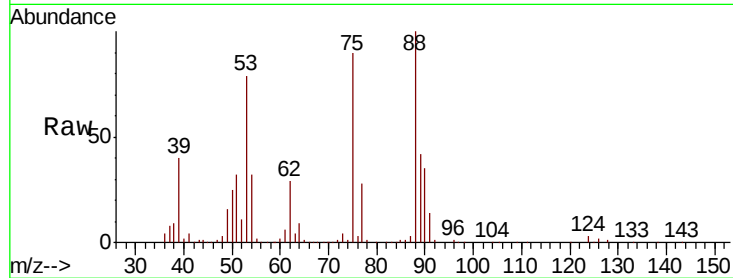




#81
trans-1,4-Dichloro-2-butene
Concen: 48.655 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

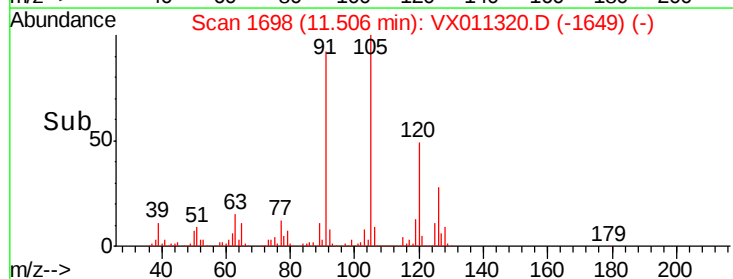
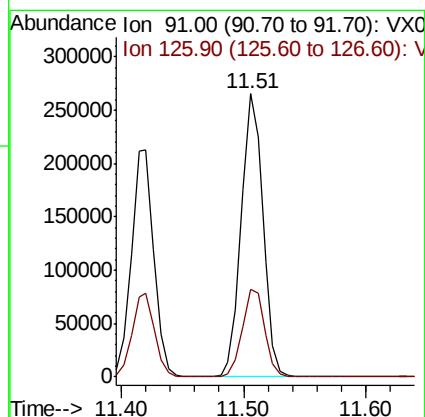
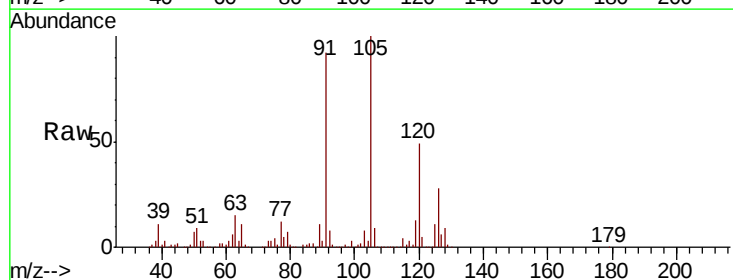
Instrument :
MSVOA_X
ClientSampled :

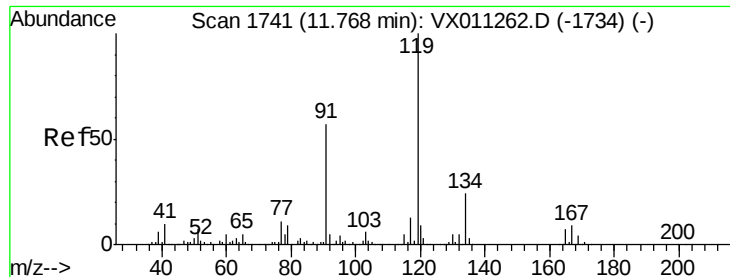
Tot Ion: 75 Resp: 41560
Ion Ratio Lower Upper
75 100
53 95.4 78.2 117.4
89 47.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.978 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion: 91 Resp: 324980
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.2

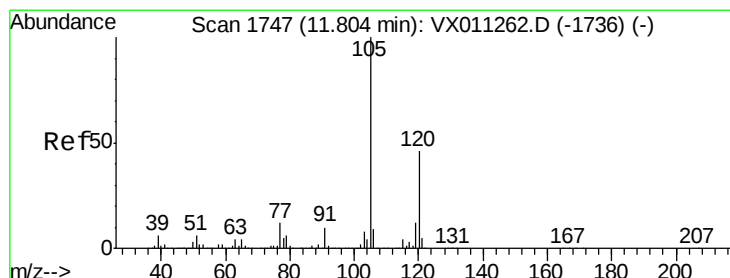
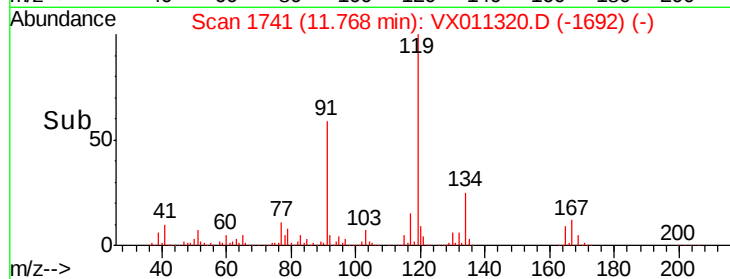
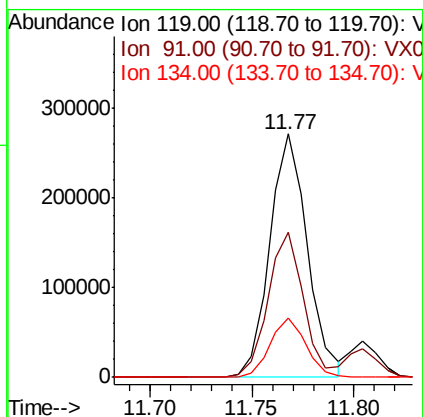
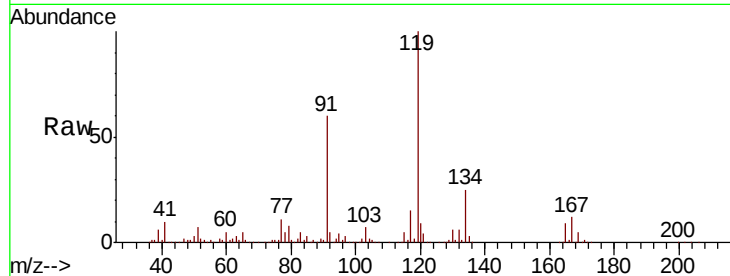




#83
 tert-Butylbenzene
 Concen: 49.313 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

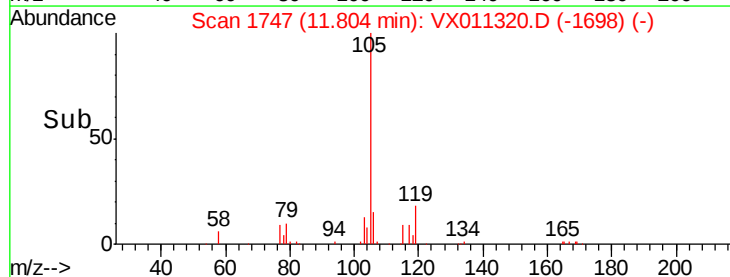
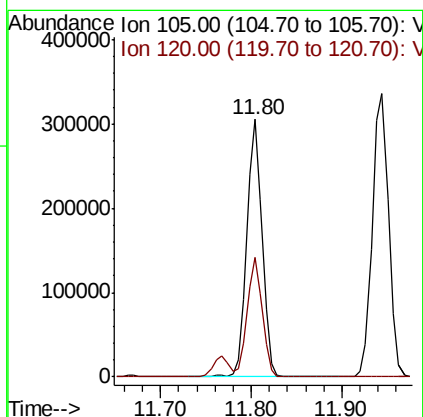
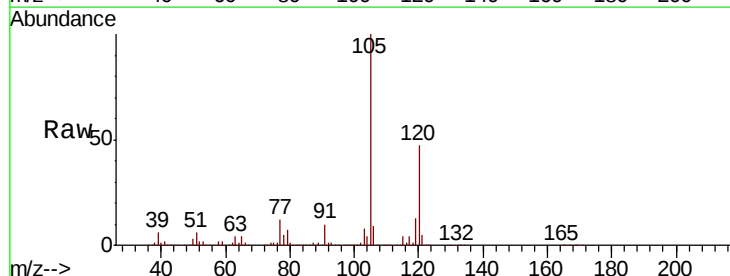
Instrument :
 MSVOA_X
 ClientSampled :

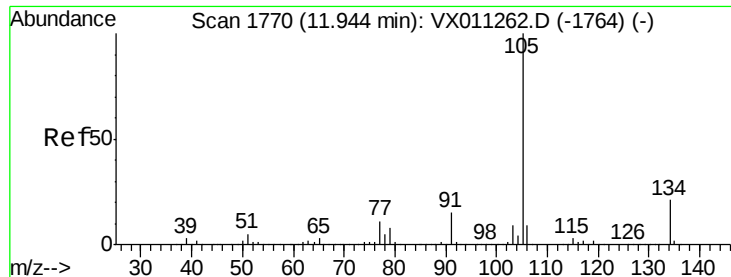
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	28.0	84.0
134	23.4	11.9	35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.827 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0





#85

sec-Butylbenzene

Concen: 49.157 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

Instrument :

MSVOA_X

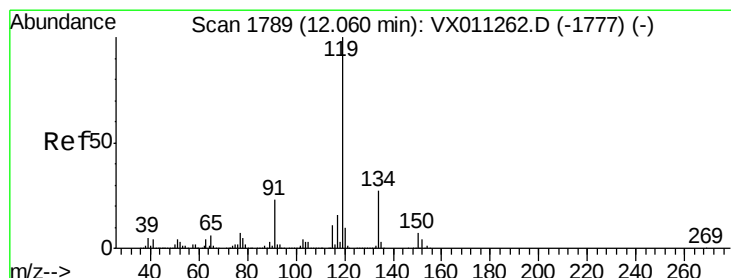
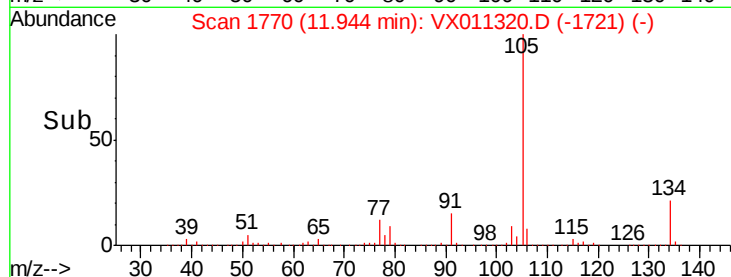
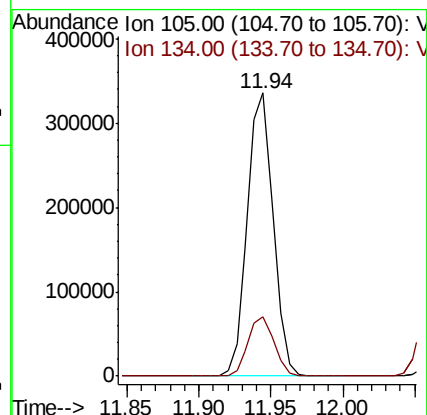
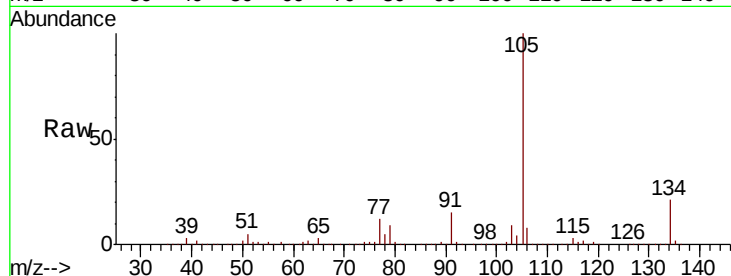
ClientSampleId :

Tot Ion:105 Resp: 416504

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4



#86

p-Isopropyltoluene

Concen: 50.486 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011320.D

Acq: 05 Aug 2019 10:21

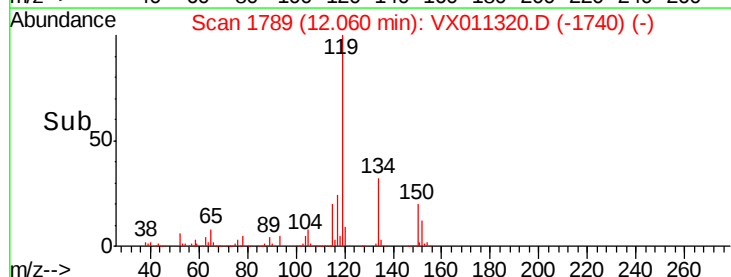
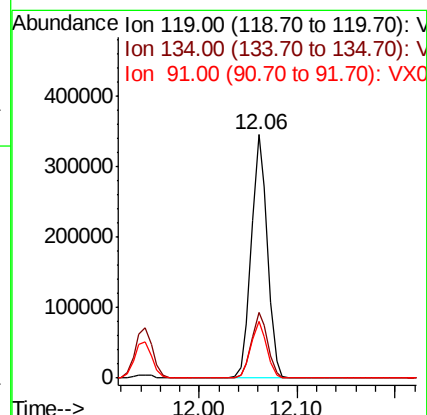
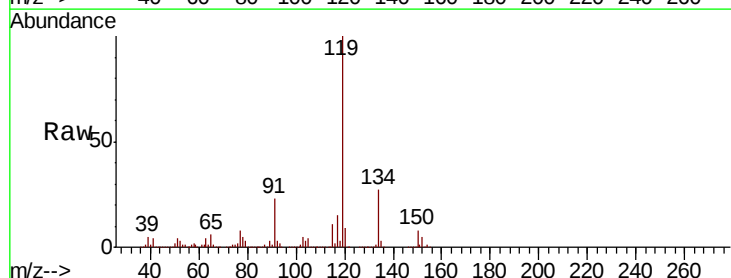
Tgt Ion:119 Resp: 393533

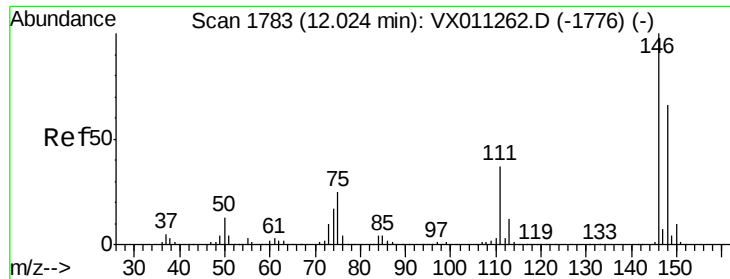
Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 23.1 11.4 34.2

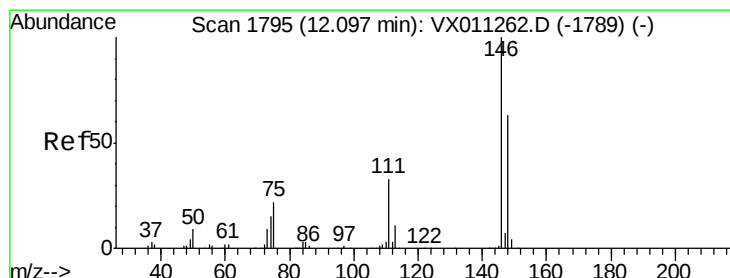
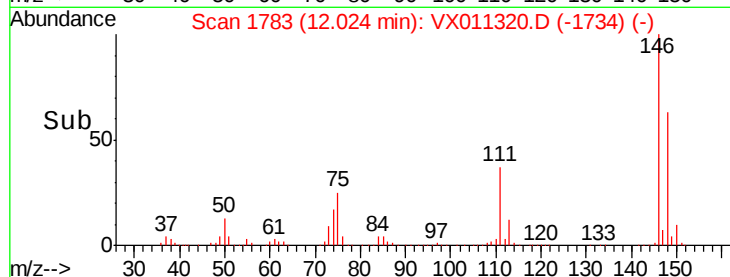
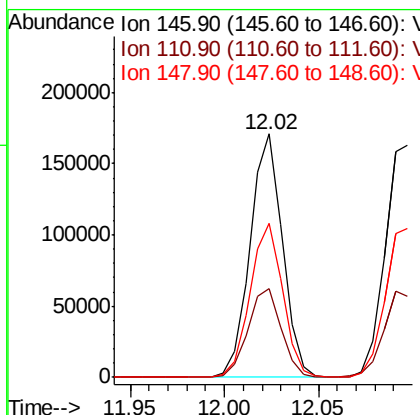
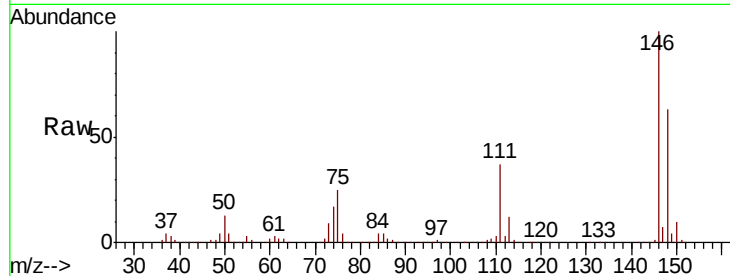




#87
 1,3-Dichlorobenzene
 Concen: 48.281 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

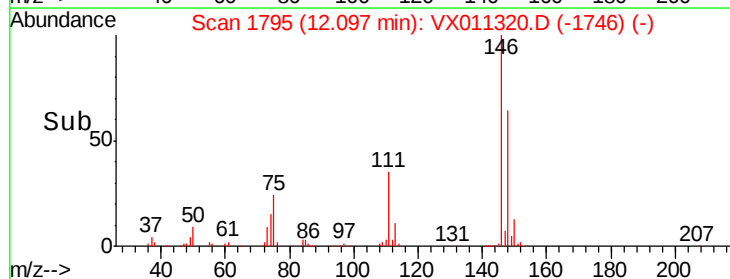
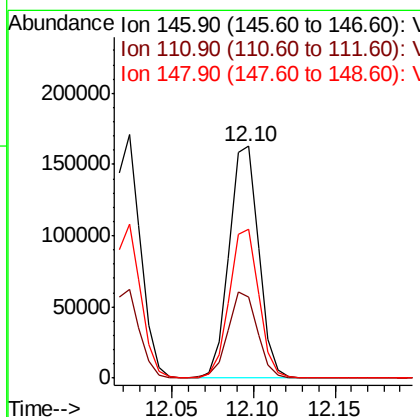
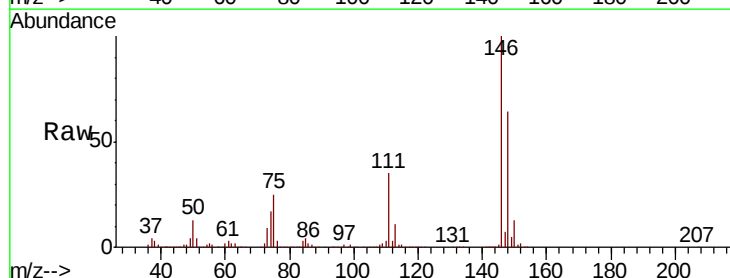
Instrument :
 MSVOA_X
 ClientSampleId :

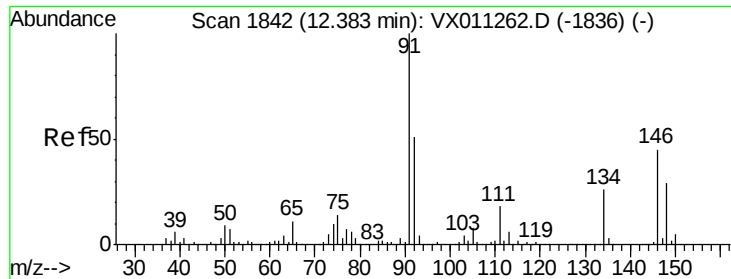
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.0	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 47.164 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	17.8	53.4
148	64.1	31.8	95.3

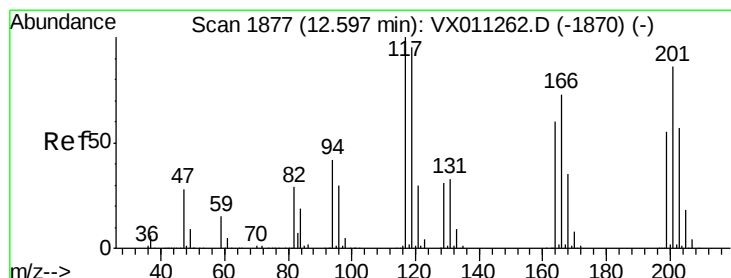
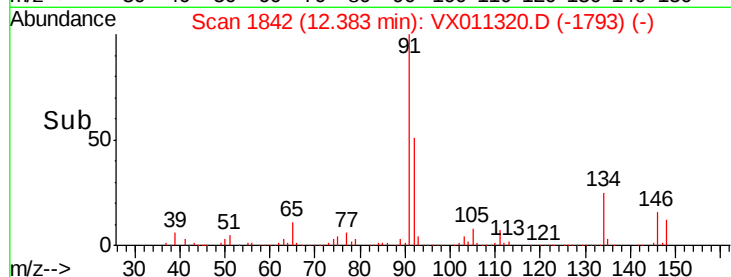
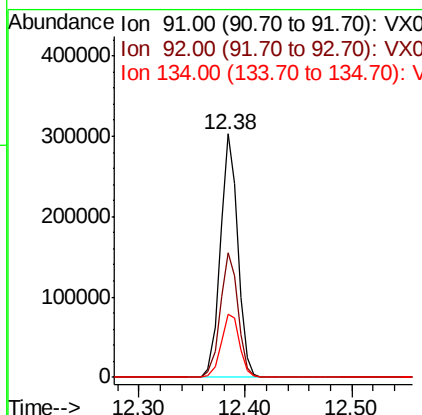
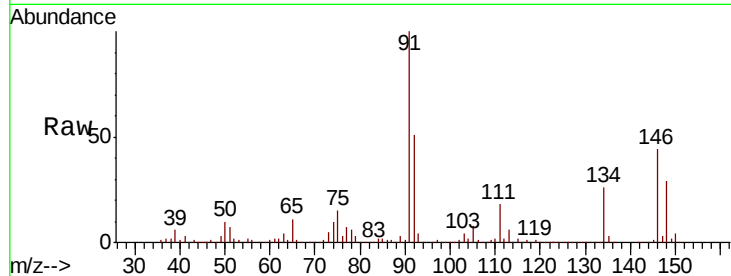




#89
n-Butylbenzene
Concen: 51.233 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

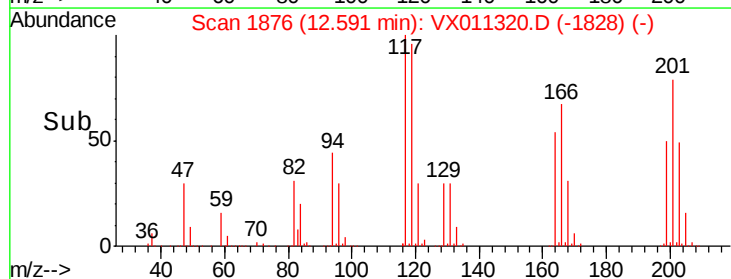
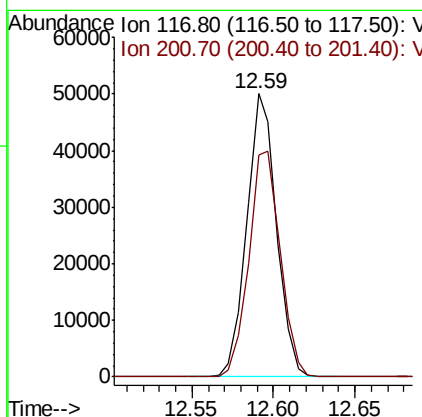
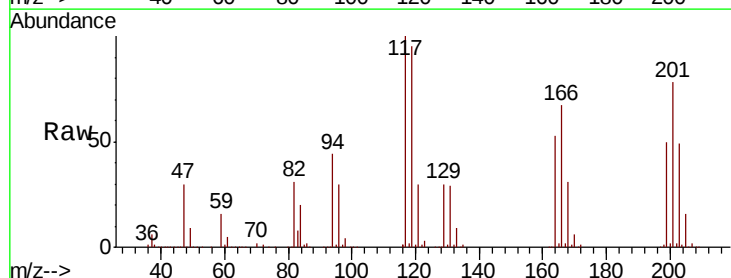
Instrument :
MSVOA_X
ClientSampled :

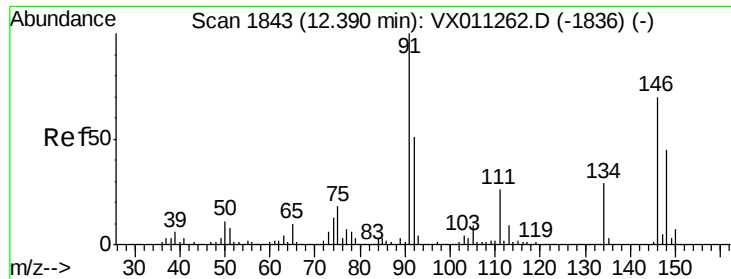
Tot Ion: 91 Resp: 344056
Ion Ratio Lower Upper
91 100
92 52.0 25.8 77.3
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 55.169 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion: 117 Resp: 63578
Ion Ratio Lower Upper
117 100
201 84.3 41.8 125.4

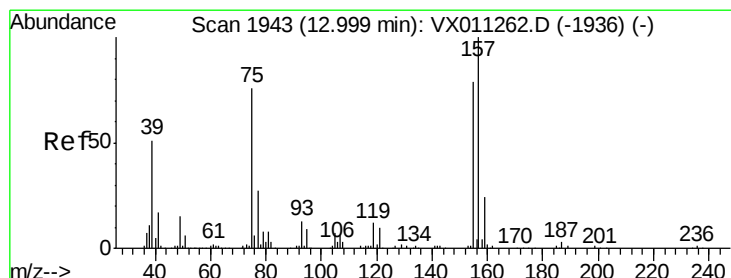
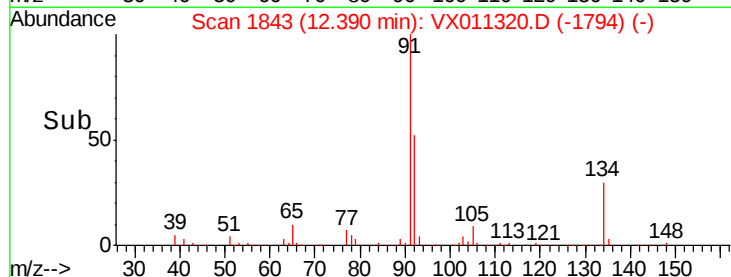
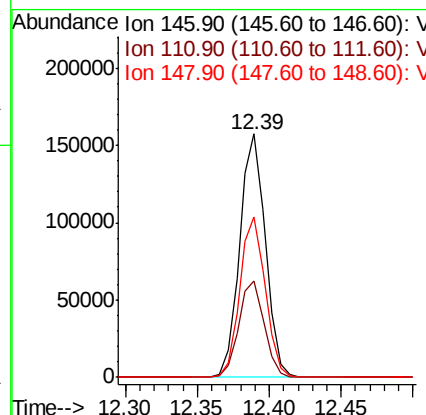
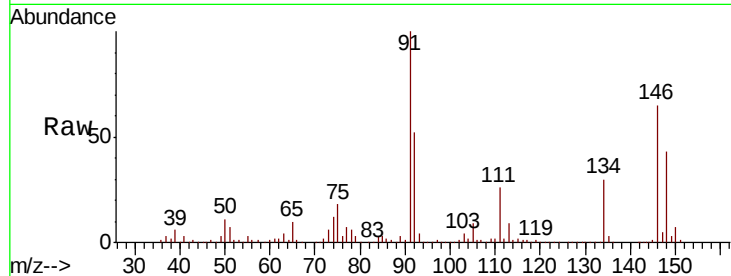




#91
 1,2-Dichlorobenzene
 Concen: 46.362 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

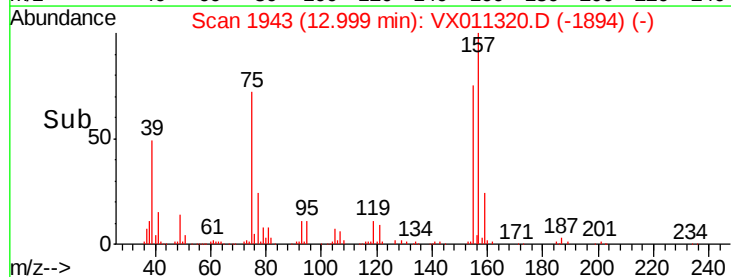
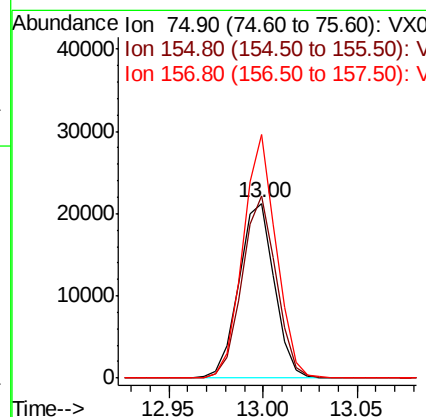
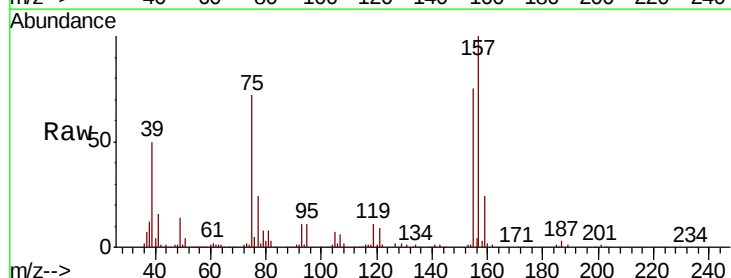
Instrument :
 MSVOA_X
 ClientSampleId :

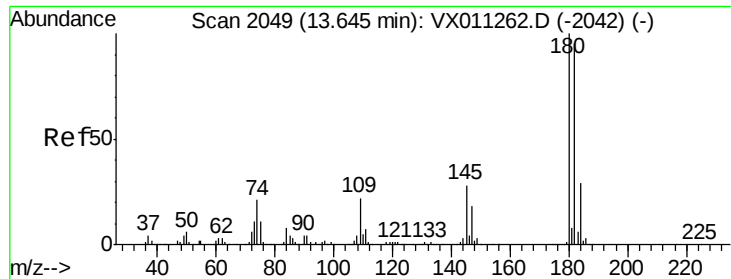
Tot Ion:146 Resp: 196049
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.1 57.1
 148 65.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.976 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion: 75 Resp: 27716
 Ion Ratio Lower Upper
 75 100
 155 100.1 51.9 155.8
 157 129.9 64.3 192.7

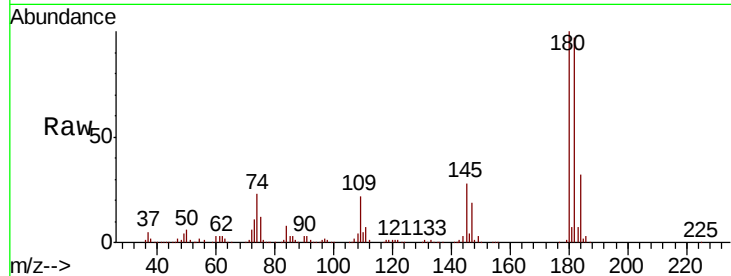




#93
 1,2,4-Trichlorobenzene
 Concen: 49.475 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	29.7	14.8	44.3

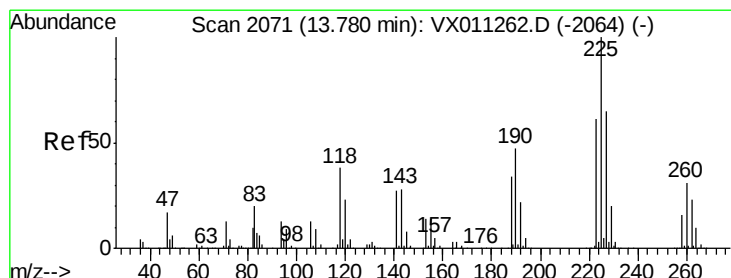
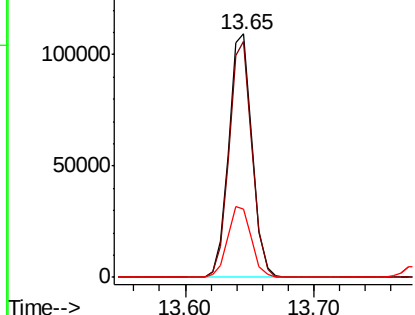
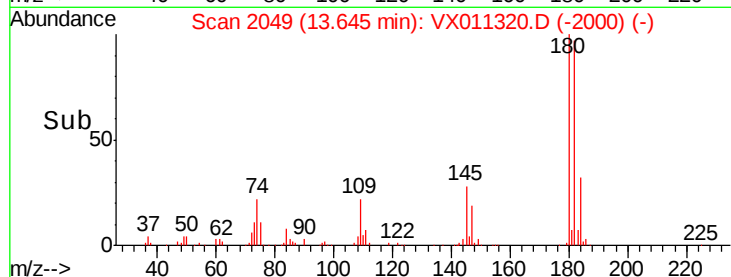


Abundance

Ion 179.80 (179.50 to 180.50): V

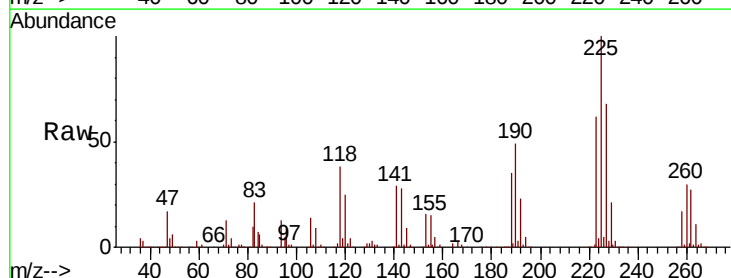
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.824 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011320.D
 Acq: 05 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.0	93.0
227	66.6	32.2	96.6

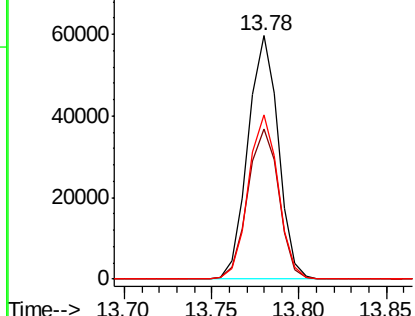
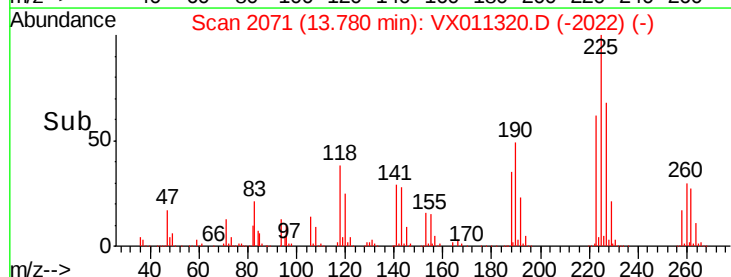


Abundance

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

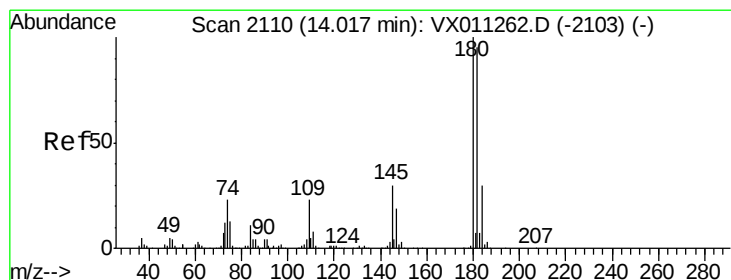
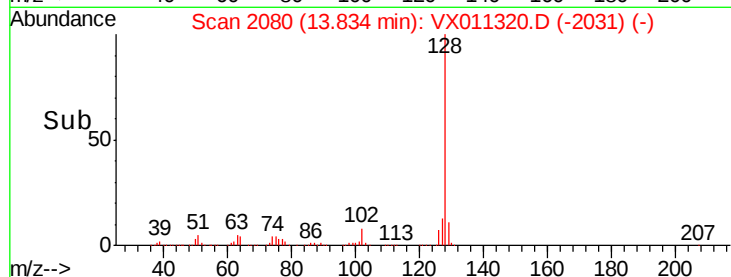
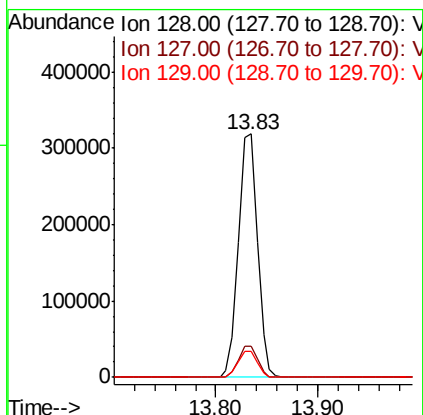
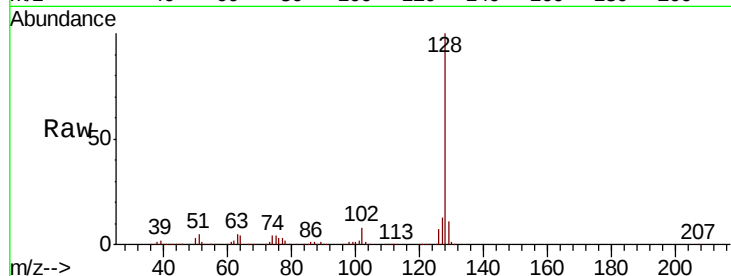




#95
Naphthalene
Concen: 49.983 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.103 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011320.D
Acq: 05 Aug 2019 10:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.4	142.3
145	30.1	15.2	45.6

