

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012597.D
 Acq On : 23 Sep 2019 11:19
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 12:00:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	206508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	371126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	327139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	152115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	144419	48.24	ug/l	0.00
Spiked Amount						
			Recovery	=	96.48%	
35) Dibromofluoromethane	5.48	113	106677	47.33	ug/l	0.00
Spiked Amount						
			Recovery	=	94.66%	
50) Toluene-d8	8.71	98	404598	48.23	ug/l	0.00
Spiked Amount						
			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.14	95	157841	45.80	ug/l	0.00
Spiked Amount						
			Recovery	=	91.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	108868	79.343	ug/l	100
3) Chloromethane	1.32	50	125699	92.731	ug/l	100
4) Vinyl Chloride	1.40	62	126335	88.253	ug/l	100
5) Bromomethane	1.63	94	45699	79.662	ug/l	100
6) Chloroethane	1.71	64	80304	72.923	ug/l	100
7) Trichlorofluoromethane	1.92	101	175231	72.115	ug/l	100
8) Diethyl Ether	2.18	74	71904	66.553	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108506	63.473	ug/l	100
10) Methyl Iodide	2.50	142	110058	78.166	ug/l	100
11) Tert butyl alcohol	3.04	59	183955	233.333	ug/l	100
12) 1,1-Dichloroethene	2.36	96	110537	76.863	ug/l	100
13) Acrolein	2.28	56	100942	317.066	ug/l	100
14) Allyl chloride	2.72	41	215316	67.214	ug/l	100
15) Acrylonitrile	3.13	53	374908	286.374	ug/l	100
16) Acetone	2.44	43	395512	260.059	ug/l	100
17) Carbon Disulfide	2.56	76	298220	129.977	ug/l	100
18) Methyl Acetate	2.76	43	177799	56.537	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	409954	56.702	ug/l	100
20) Methylene Chloride	2.84	84	126374	66.080	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	118288	78.576	ug/l	100
22) Diisopropyl ether	3.84	45	411652	56.907	ug/l	100
23) Vinyl Acetate	3.80	43	1860328	309.360	ug/l	100
24) 1,1-Dichloroethane	3.69	63	225330	63.599	ug/l	100
25) 2-Butanone	4.66	43	561708	270.236	ug/l	100
26) 2,2-Dichloropropane	4.58	77	199044	58.181	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137844	64.790	ug/l	100
28) Bromochloromethane	5.00	49	82036	47.163	ug/l	100
29) Tetrahydrofuran	5.12	42	346818	298.361	ug/l	100
30) Chloroform	5.20	83	223000	56.019	ug/l	100
31) Cyclohexane	5.57	56	201916	83.627	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	204048	60.661	ug/l	100
36) 1,1-Dichloropropene	5.79	75	166079	68.845	ug/l	100
37) Ethyl Acetate	4.82	43	204212	58.331	ug/l	100
38) Carbon Tetrachloride	5.78	117	175422	60.578	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201395	81.964	ug/l	100
40) Benzene	6.14	78	500943	66.034	ug/l	100
41) Methacrylonitrile	5.03	41	112523	50.632	ug/l	100
42) 1,2-Dichloroethane	6.18	62	190693	56.217	ug/l	100
43) Isopropyl Acetate	6.43	43	333637	53.596	ug/l	100
44) Trichloroethene	7.21	130	126372	64.083	ug/l	100
45) 1,2-Dichloropropane	7.51	63	127992	56.816	ug/l	100
46) Dibromomethane	7.65	93	86606	59.001	ug/l	100
47) Bromodichloromethane	7.89	83	178214	55.615	ug/l	100
48) Methyl methacrylate	7.76	41	163830	55.489	ug/l	100
49) 1,4-Dioxane	7.73	88	75571	1055.111	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1040435	257.143	ug/l	100
52) Toluene	8.78	92	316354	65.132	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	199495	59.292	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	216689	61.618	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	125822	52.583	ug/l	100
56) Ethyl methacrylate	9.17	69	216890	57.314	ug/l	100
57) 1,3-Dichloropropane	9.37	76	217777	56.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	510260	263.563	ug/l	100
59) 2-Hexanone	9.49	43	822455	260.249	ug/l	100
60) Dibromochloromethane	9.58	129	133327	55.042	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133083	59.861	ug/l	100
64) Tetrachloroethene	9.33	164	108445	67.970	ug/l	100
65) Chlorobenzene	10.14	112	328928	59.109	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	121604	54.152	ug/l	100
67) Ethyl Benzene	10.25	91	606318	62.919	ug/l	100
68) m/p-Xylenes	10.35	106	455577	129.109	ug/l	100
69) o-Xylene	10.70	106	219392	61.294	ug/l	100
70) Styrene	10.71	104	379069	60.270	ug/l	100
71) Bromoform	10.85	173	87696	52.943	ug/l	# 100
73) Isopropylbenzene	11.01	105	590681	60.116	ug/l	100
74) N-amyl acetate	10.89	43	291955	56.304	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	197353	52.651	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	245626	69.791	ug/l	87
77) Bromobenzene	11.25	156	133451	56.436	ug/l	100
78) n-propylbenzene	11.35	91	665329	60.742	ug/l	100
79) 2-Chlorotoluene	11.42	91	407984	57.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	499590	59.822	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69803	58.265	ug/l	100
82) 4-Chlorotoluene	11.51	91	474652	58.337	ug/l	100
83) tert-Butylbenzene	11.77	119	475192	54.083	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	505202	59.021	ug/l	100
85) sec-Butylbenzene	11.94	105	563023	57.617	ug/l	100
86) p-Isopropyltoluene	12.06	119	516967	57.690	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	242436	54.800	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	244242	53.864	ug/l	100
89) n-Butylbenzene	12.39	91	453289	56.824	ug/l	100
90) Hexachloroethane	12.59	117	91339	56.191	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	244205	53.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52788	54.538	ug/l	100

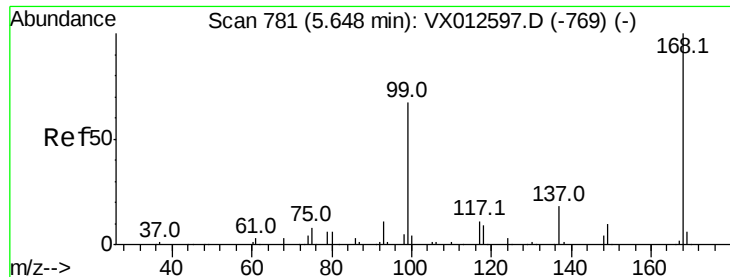
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	151257	51.971	ug/l	100
94) Hexachlorobutadiene	13.78	225	63936	46.977	ug/l	100
95) Naphthalene	13.83	128	574259	55.065	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	154435	52.023	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

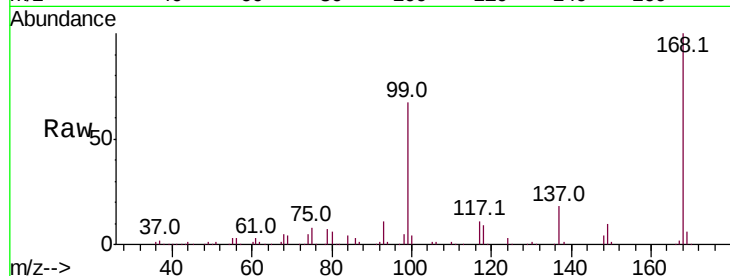
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 206508

Ion Ratio Lower Upper

168 100

99 66.6 53.3 79.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

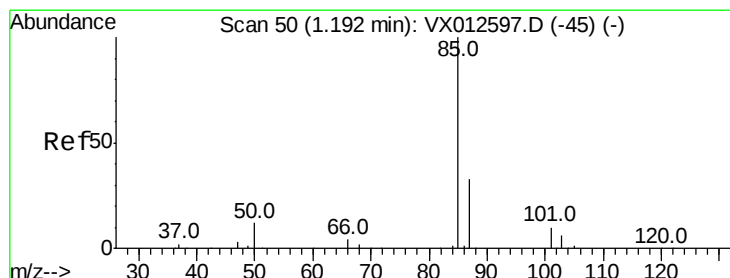
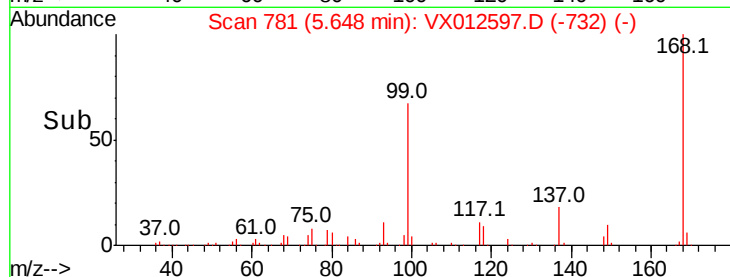
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 79.343 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX012597.D

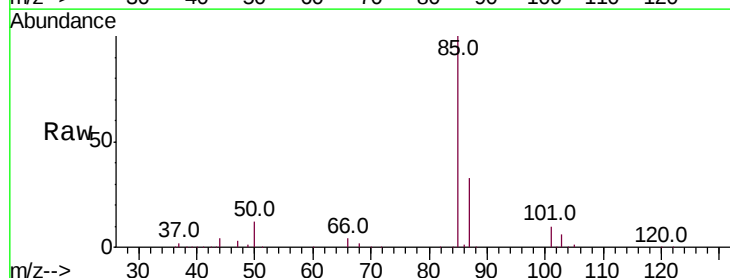
Acq: 23 Sep 2019 11:19

Tgt Ion: 85 Resp: 108868

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

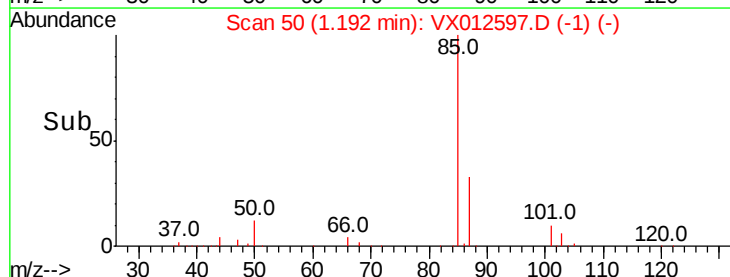
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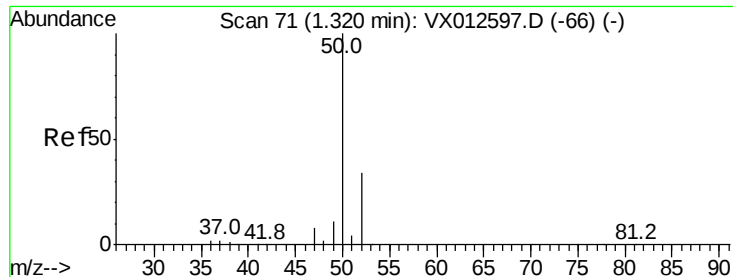
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 92.731 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

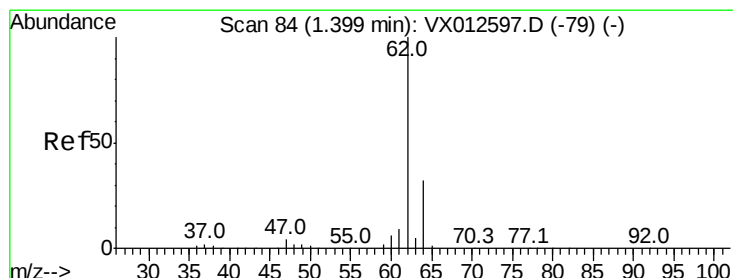
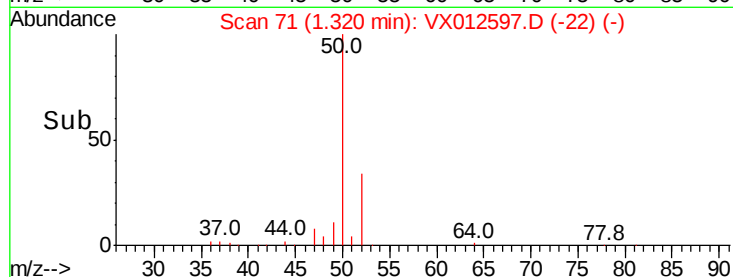
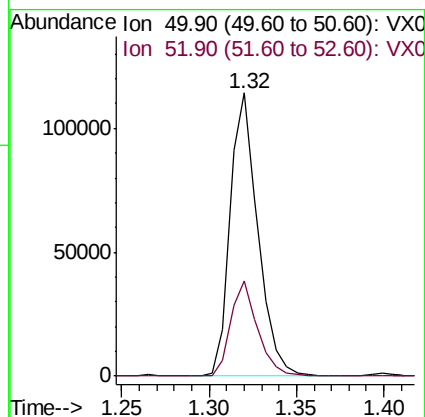
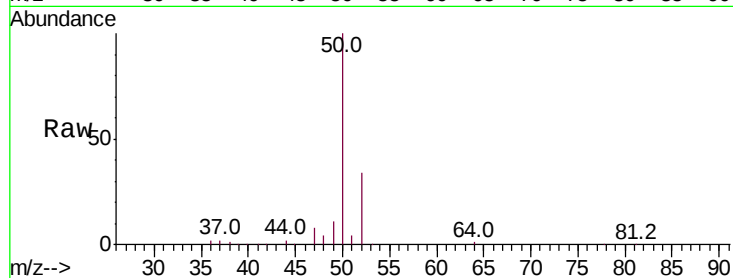
ClientSampleId :

Tot Ion: 50 Resp: 125699

Ion Ratio Lower Upper

50 100

52 33.7 27.0 40.4



#4

Vinyl Chloride

Concen: 88.253 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012597.D

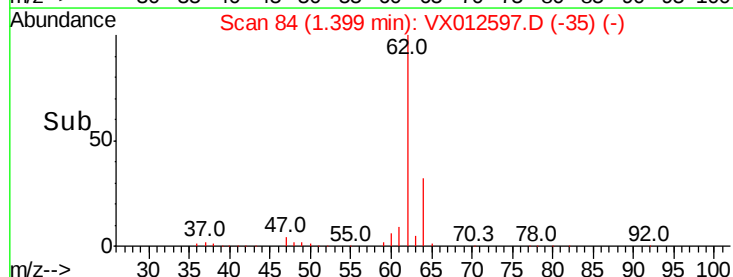
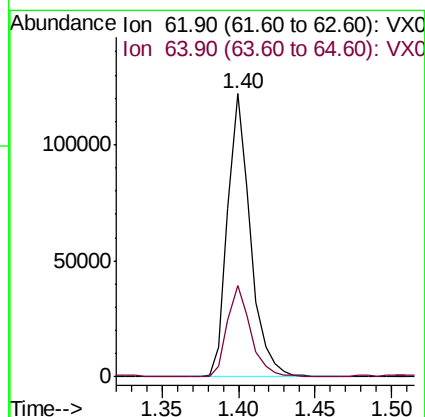
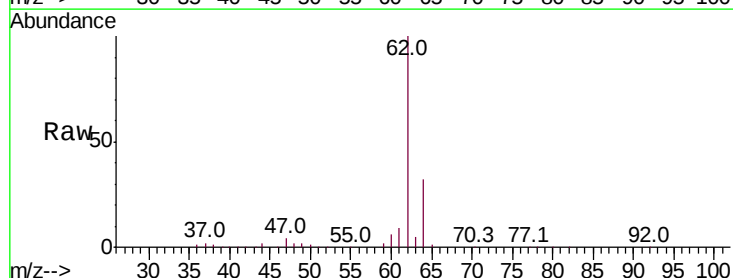
Acq: 23 Sep 2019 11:19

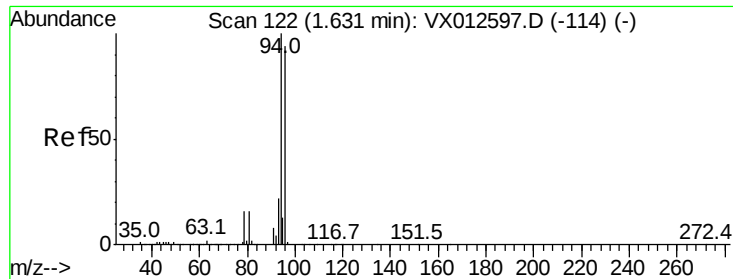
Tgt Ion: 62 Resp: 126335

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 79.662 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

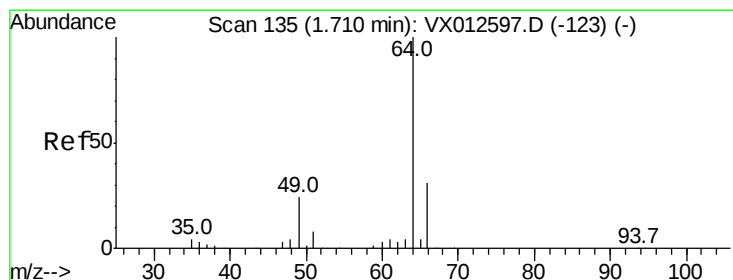
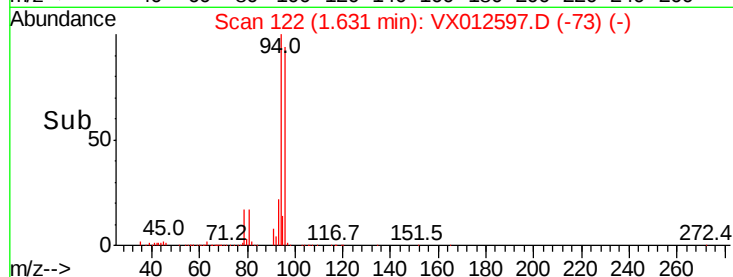
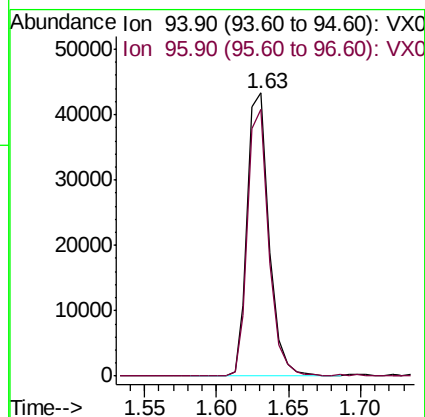
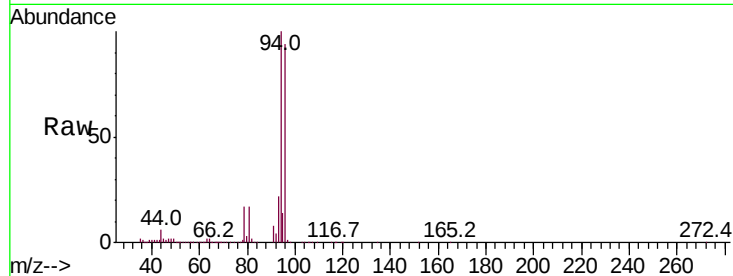
ClientSampleId :

Tot Ion: 94 Resp: 45699

Ion Ratio Lower Upper

94 100

96 94.2 75.4 113.0



#6

Chloroethane

Concen: 72.923 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012597.D

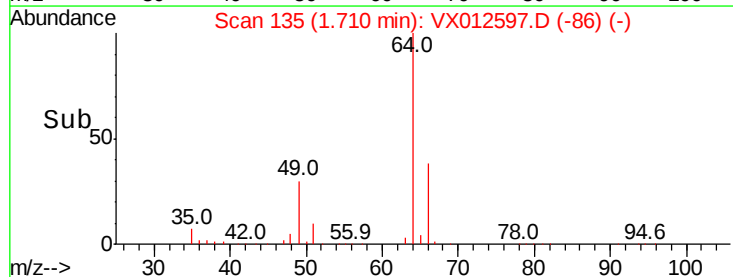
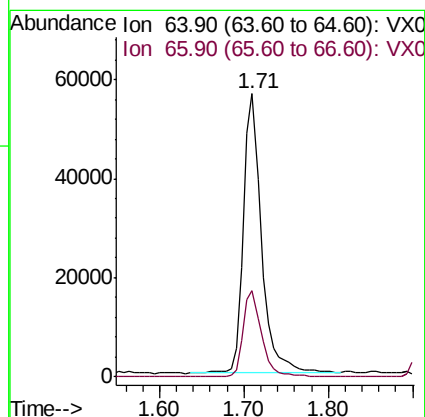
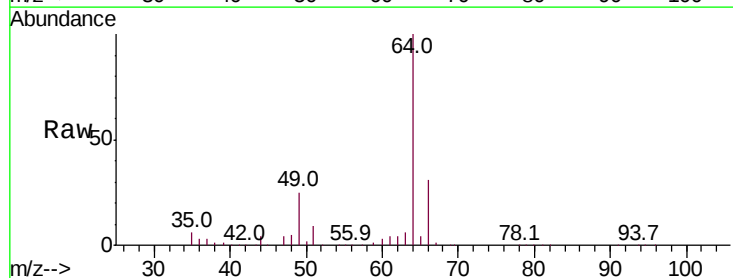
Acq: 23 Sep 2019 11:19

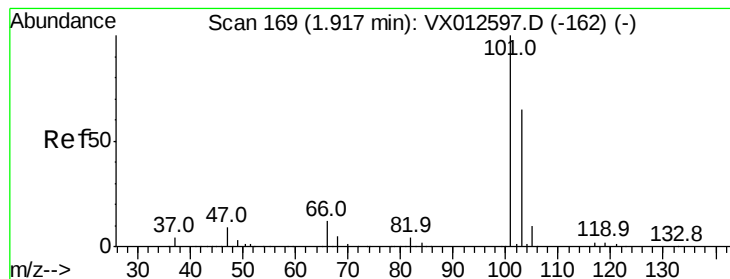
Tgt Ion: 64 Resp: 80304

Ion Ratio Lower Upper

64 100

66 30.8 24.6 37.0



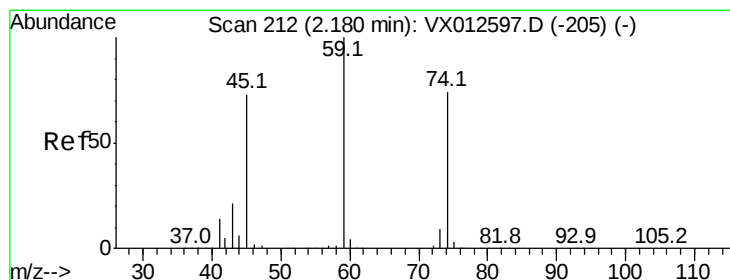
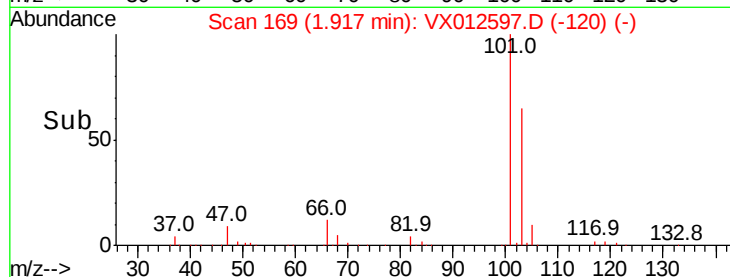
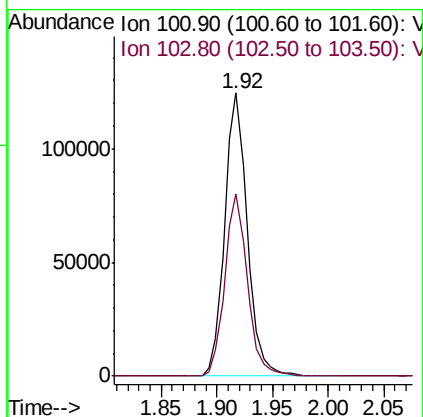
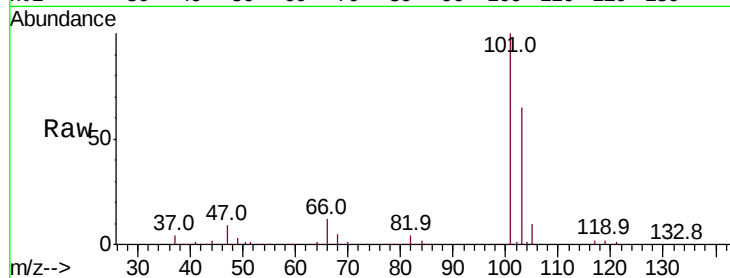


#7

Trichlorofluoromethane
Concen: 72.115 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :

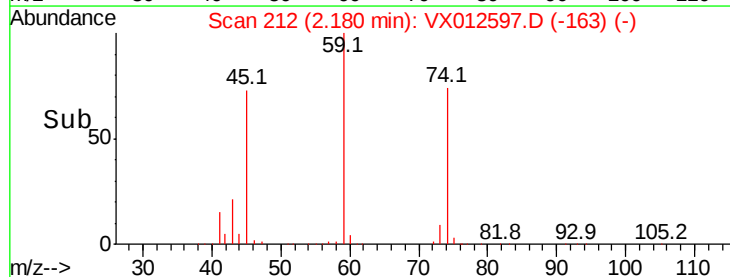
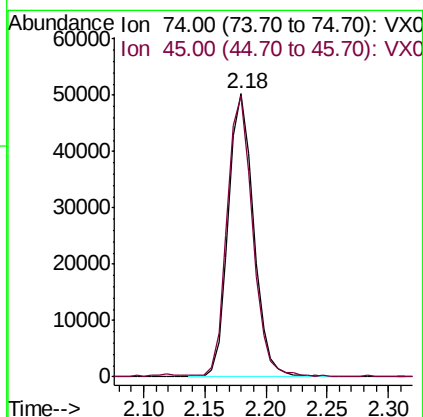
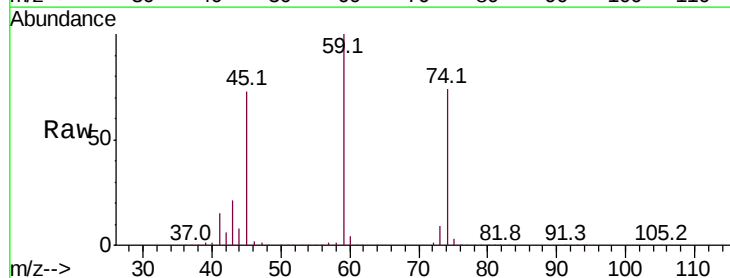
Tot Ion:101 Resp: 175231
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

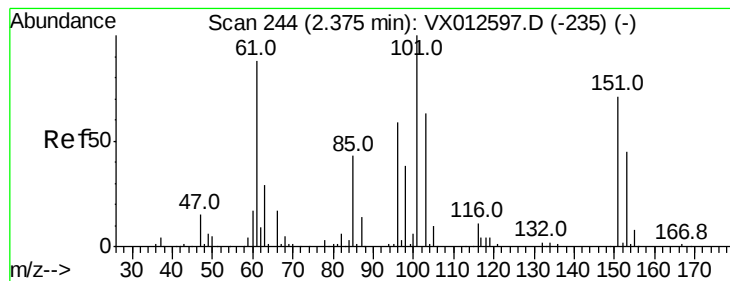


#8

Diethyl Ether
Concen: 66.553 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 74 Resp: 71904
Ion Ratio Lower Upper
74 100
45 99.9 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 63.473 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

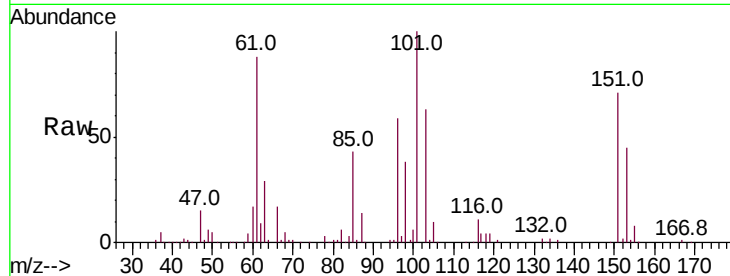
Tot Ion:101 Resp: 108506

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.6

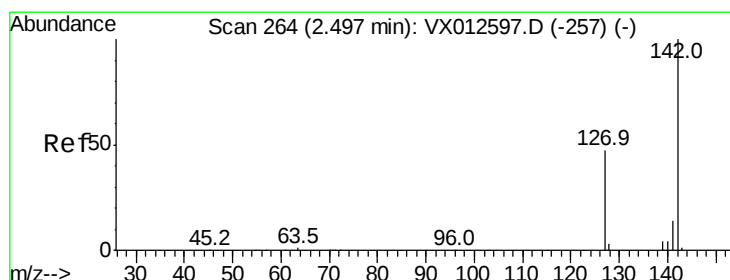
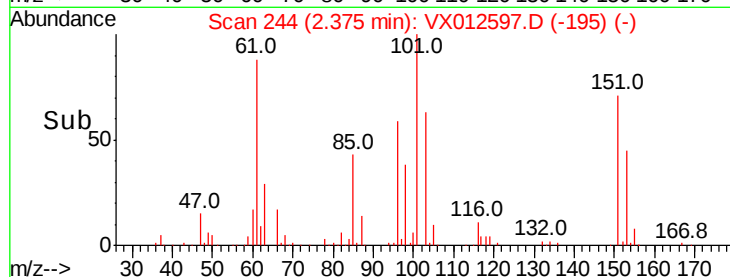
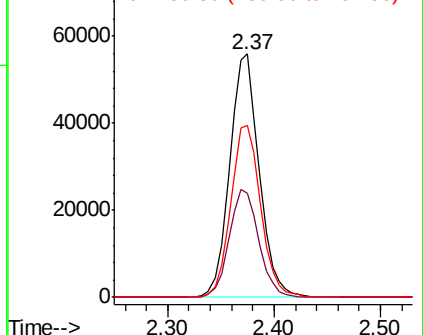
151 71.8 57.4 86.2



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: 78.166 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

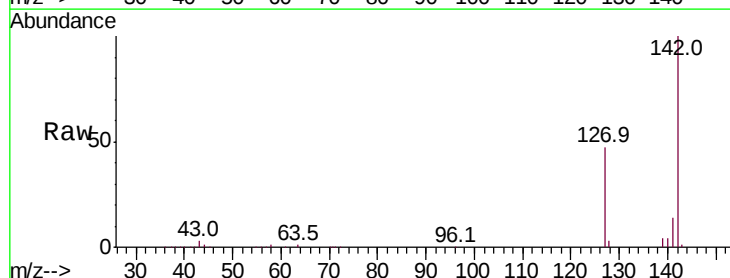
Tgt Ion:142 Resp: 110058

Ion Ratio Lower Upper

142 100

127 47.6 38.1 57.1

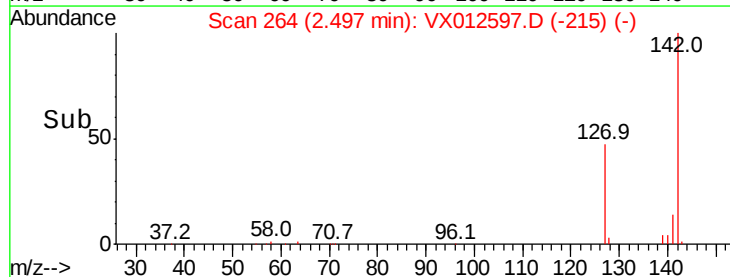
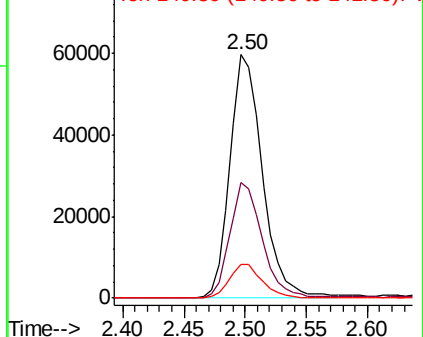
141 14.2 11.4 17.0

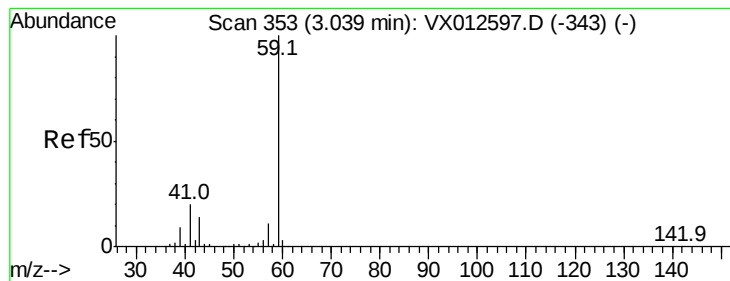


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



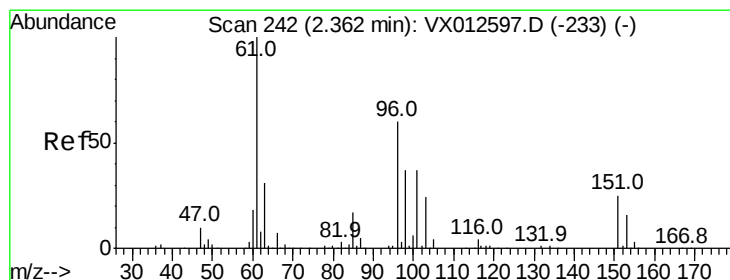
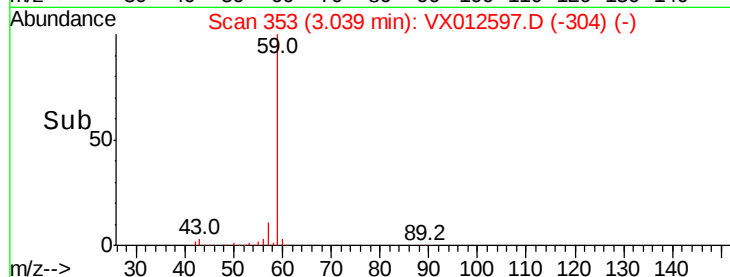
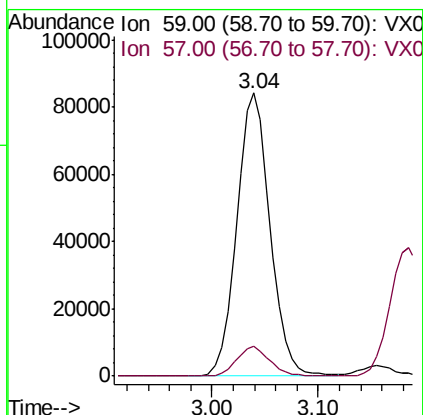
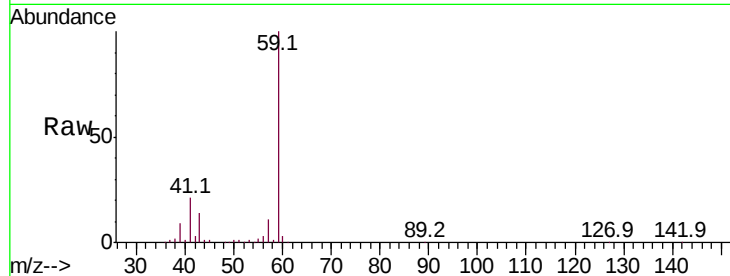


#11

Tert butyl alcohol
 Concen: 233.333 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :

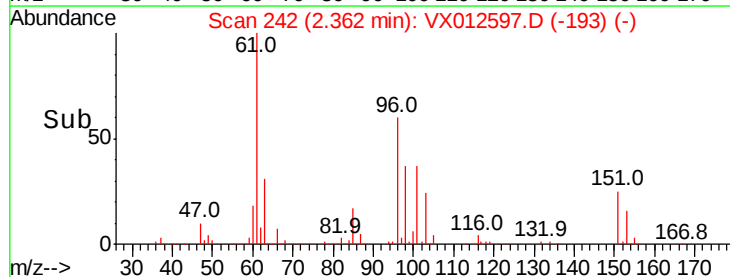
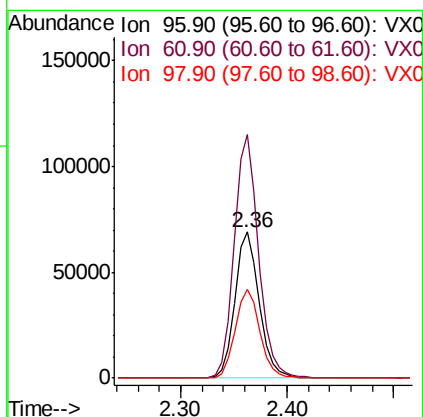
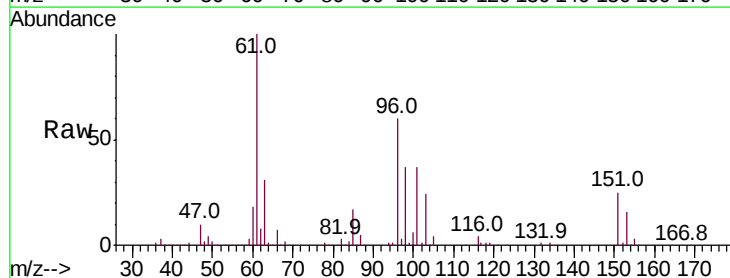
Tot Ion: 59 Resp: 183955
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

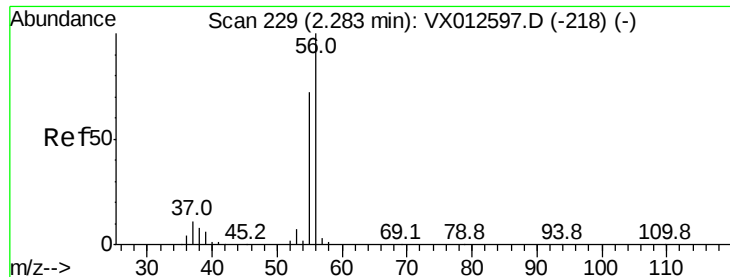


#12

1,1-Dichloroethene
 Concen: 76.863 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion: 96 Resp: 110537
 Ion Ratio Lower Upper
 96 100
 61 166.7 133.4 200.0
 98 61.0 48.8 73.2





#13

Acrolein

Concen: 317.066 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

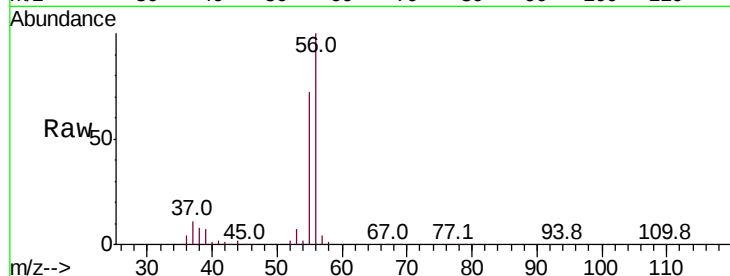
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 100942

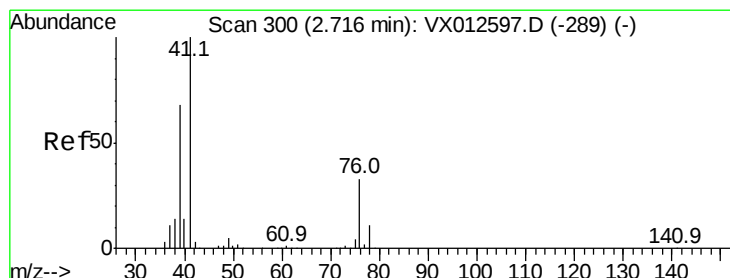
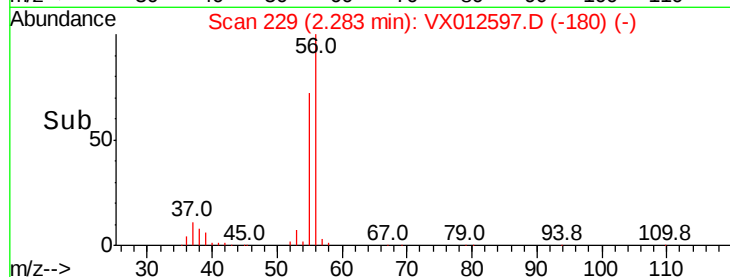
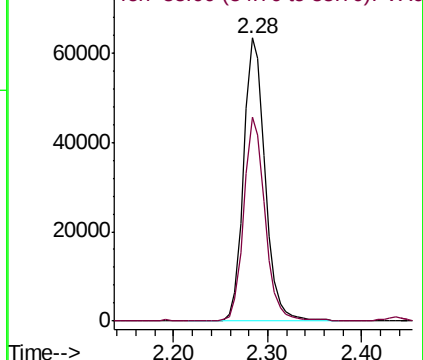
Ion Ratio Lower Upper

56 100

55 70.3 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 67.214 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

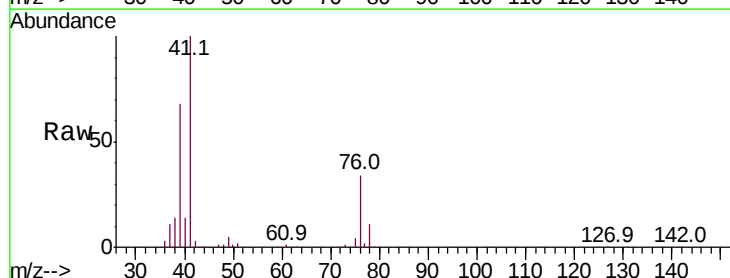
Tgt Ion: 41 Resp: 215316

Ion Ratio Lower Upper

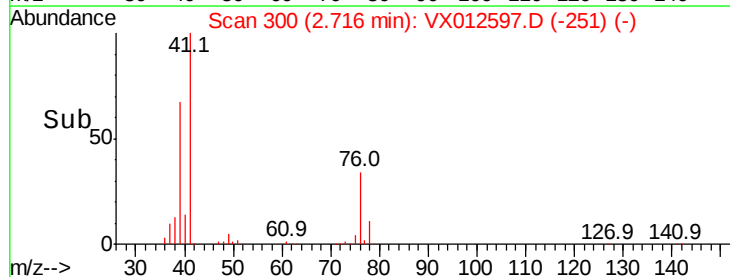
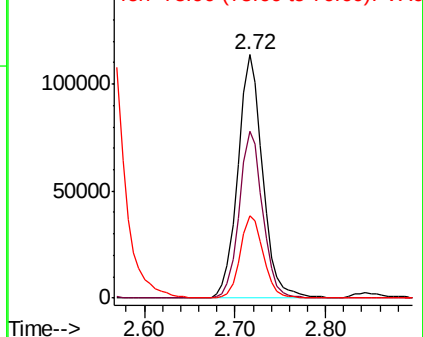
41 100

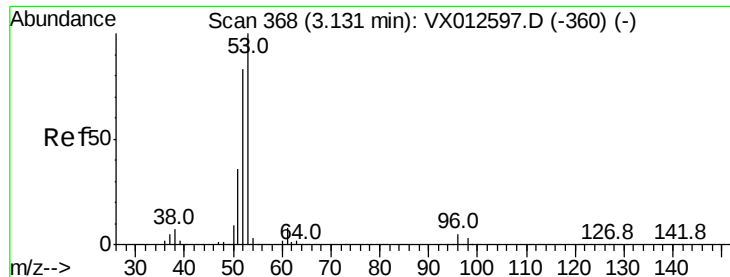
39 65.1 52.1 78.1

76 31.3 25.0 37.6



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: 286.374 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

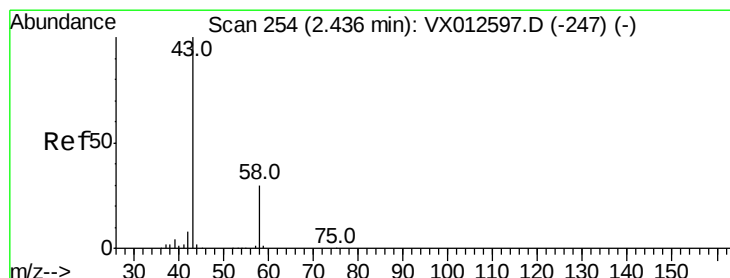
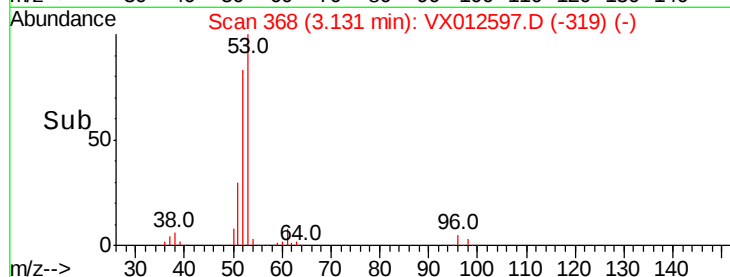
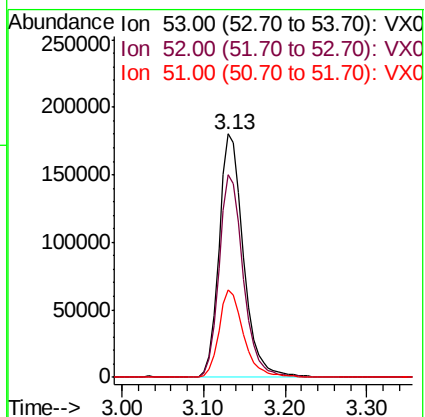
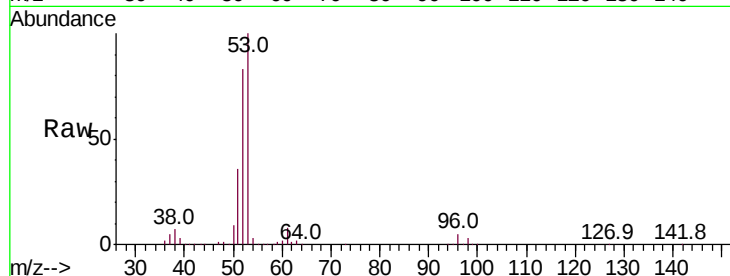
Tot Ion: 53 Resp: 374908

Ion Ratio Lower Upper

53 100

52 82.6 66.1 99.1

51 36.5 29.2 43.8



#16

Acetone

Concen: 260.059 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012597.D

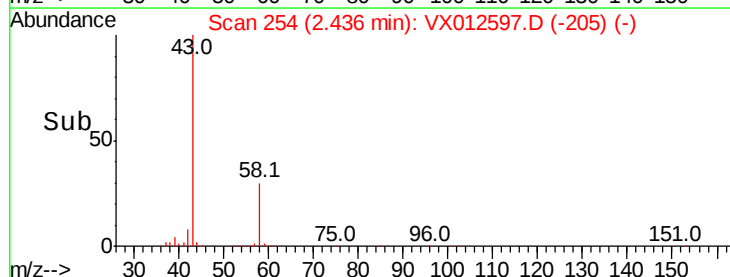
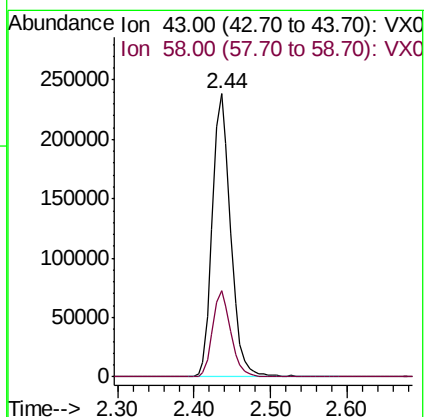
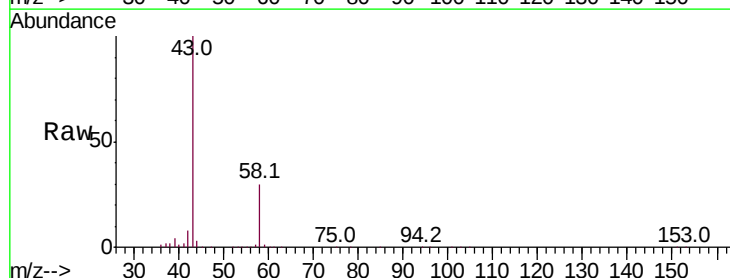
Acq: 23 Sep 2019 11:19

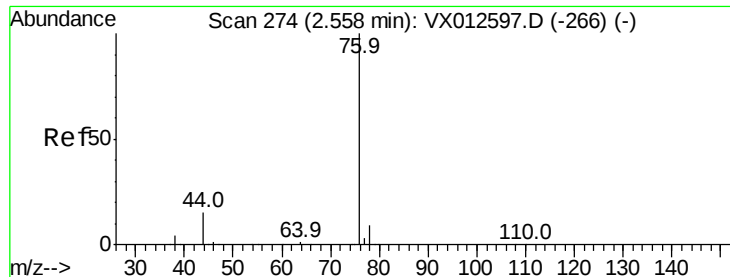
Tgt Ion: 43 Resp: 395512

Ion Ratio Lower Upper

43 100

58 30.4 24.3 36.5





#17

Carbon Disulfide

Concen: 129.977 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

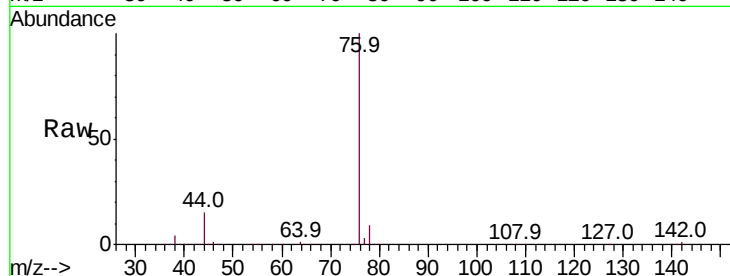
ClientSampleId :

Tot Ion: 76 Resp: 298220

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

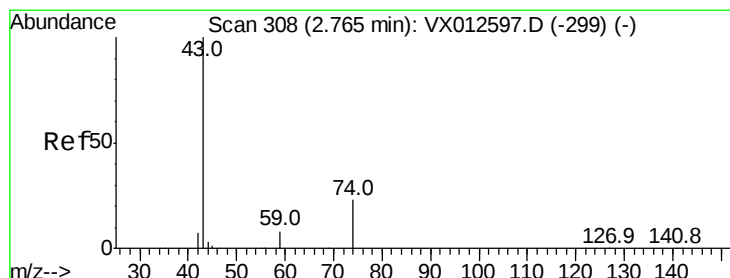
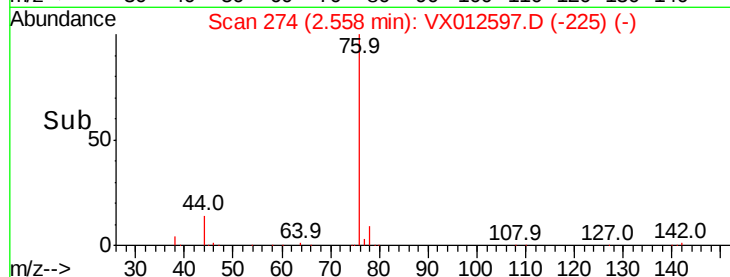
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 56.537 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012597.D

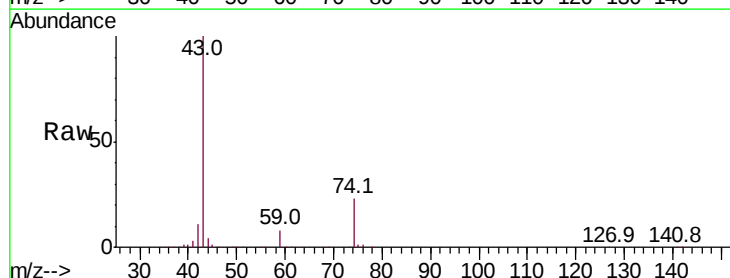
Acq: 23 Sep 2019 11:19

Tgt Ion: 43 Resp: 177799

Ion Ratio Lower Upper

43 100

74 23.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

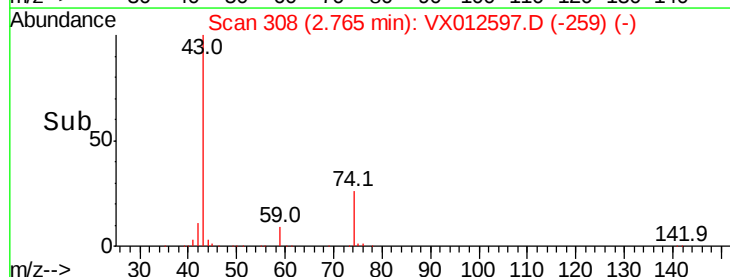
40000

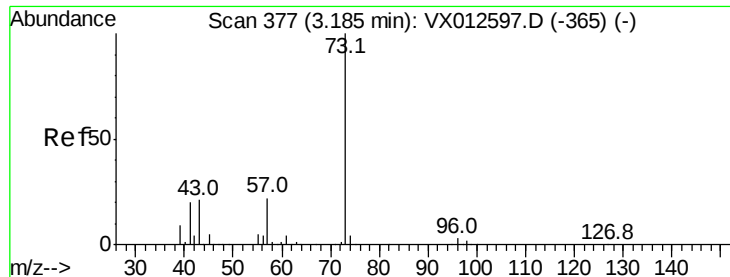
20000

0

Time-->

2.70 2.80 2.90



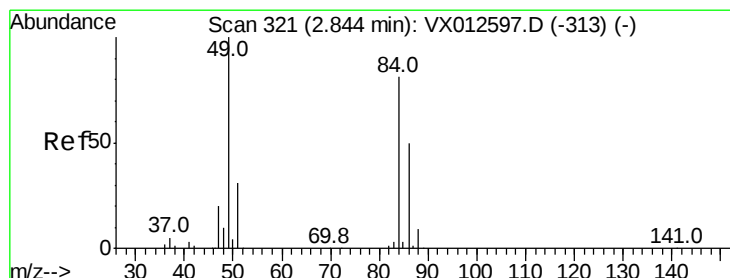
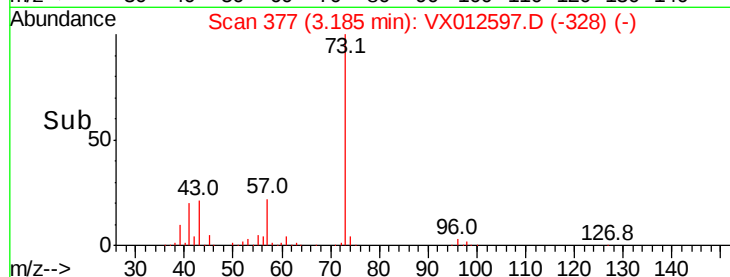
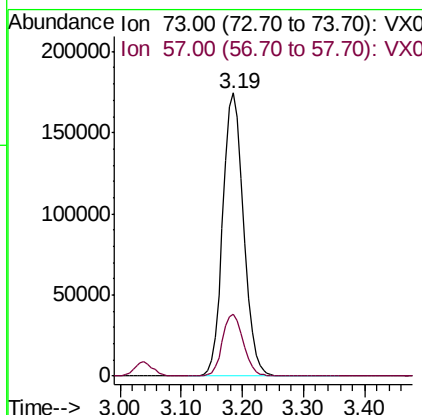
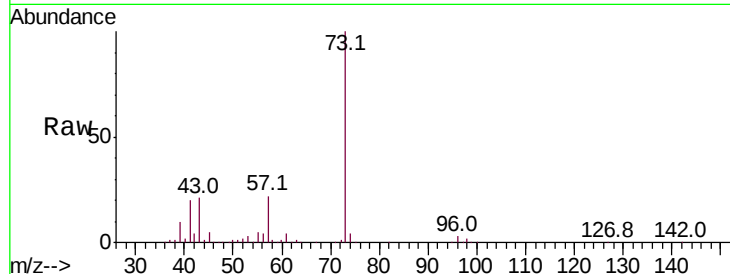


#19

Methyl tert-butyl Ether
 Concen: 56.702 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :

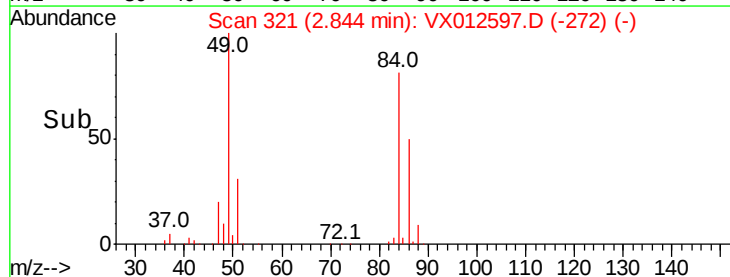
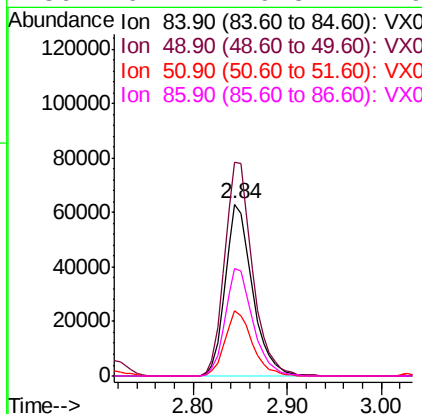
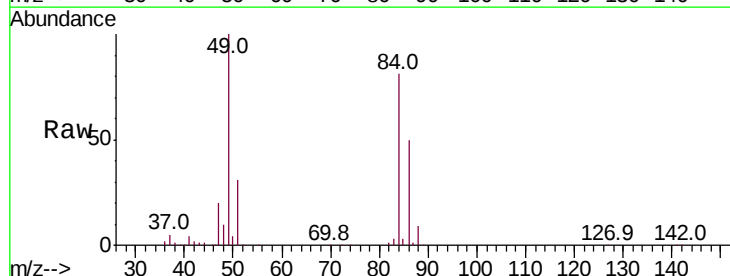
Tot Ion: 73 Resp: 409954
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.5 26.3

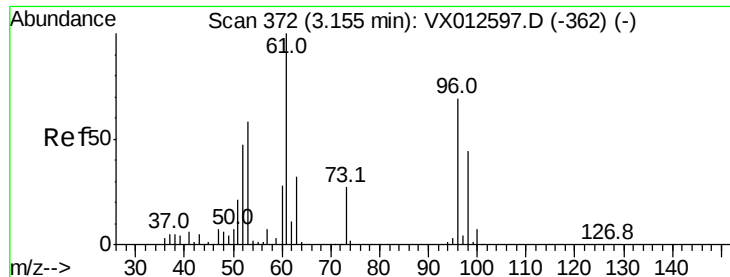


#20

Methylene Chloride
 Concen: 66.080 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion: 84 Resp: 126374
 Ion Ratio Lower Upper
 84 100
 49 124.1 99.3 148.9
 51 38.0 30.4 45.6
 86 62.2 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 78.576 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampled :

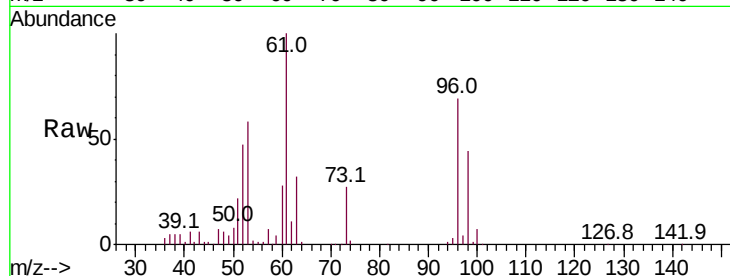
Tot Ion: 96 Resp: 118288

Ion Ratio Lower Upper

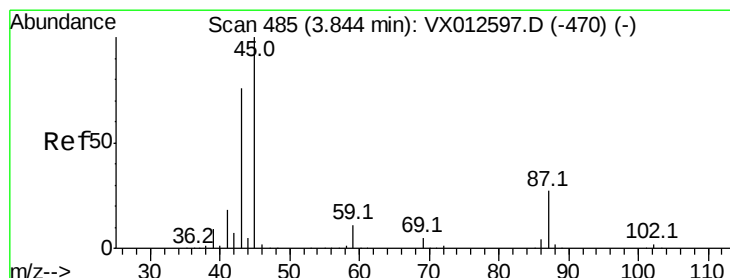
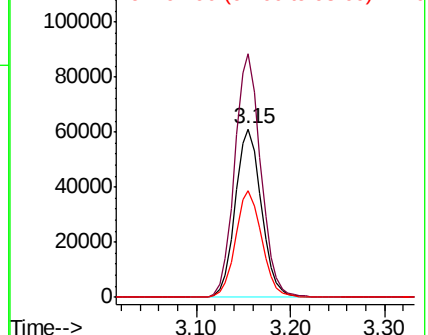
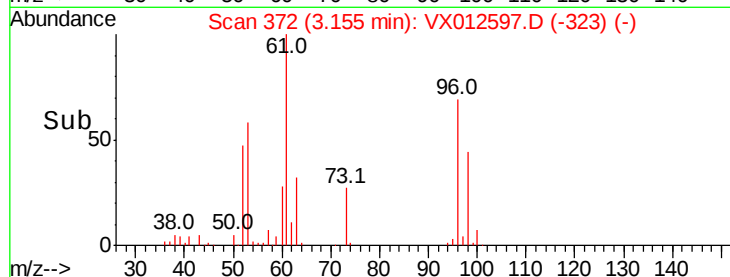
96 100

61 144.6 115.7 173.5

98 63.2 50.6 75.8



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: 56.907 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion: 45 Resp: 411652

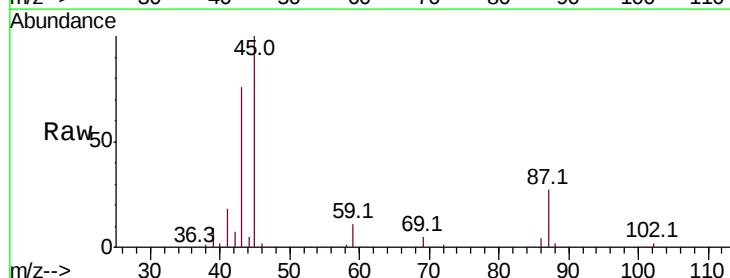
Ion Ratio Lower Upper

45 100

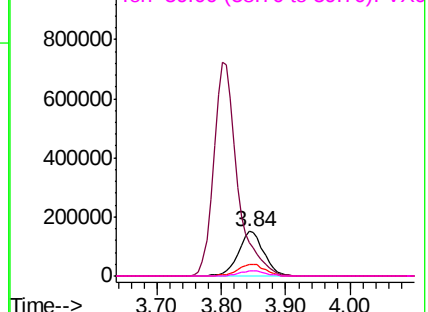
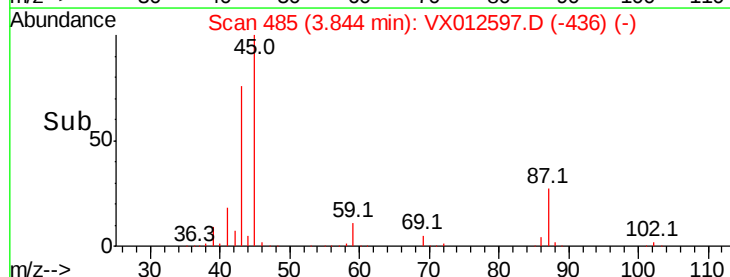
43 76.0 60.8 91.2

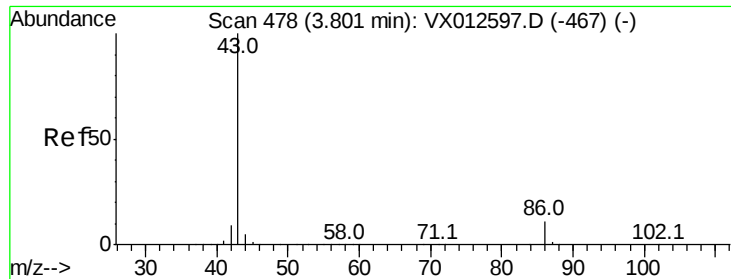
87 27.4 21.9 32.9

59 10.7 8.6 12.8



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: 309.360 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

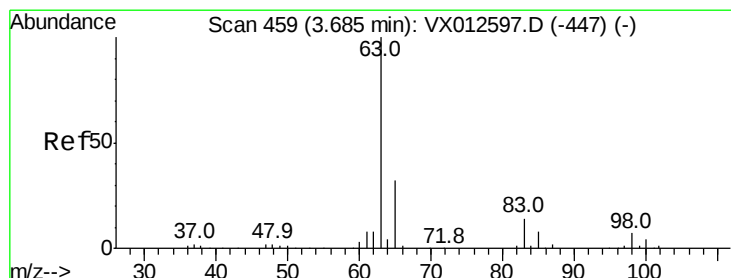
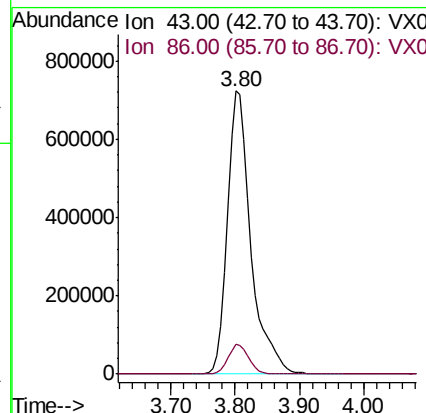
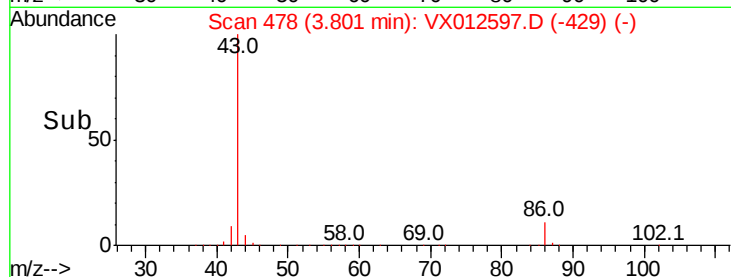
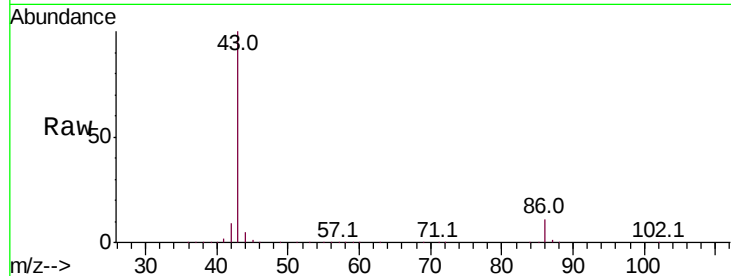
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1860328

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6



#24

1,1-Dichloroethane

Concen: 63.599 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

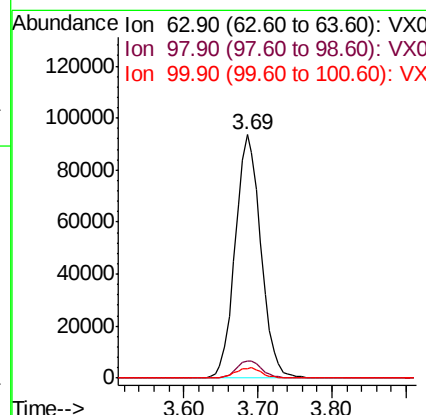
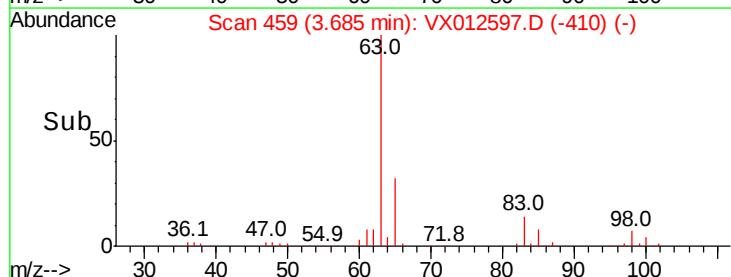
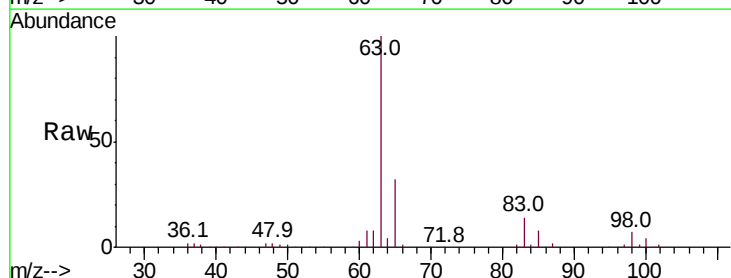
Tgt Ion: 63 Resp: 225330

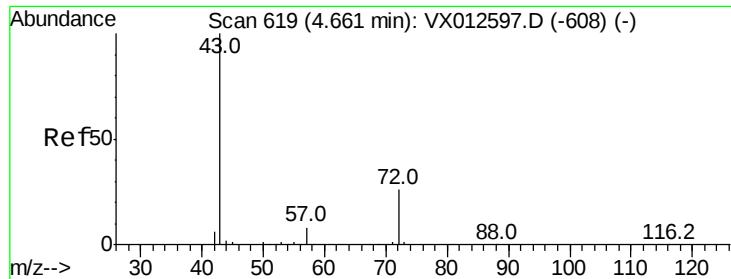
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 270.236 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

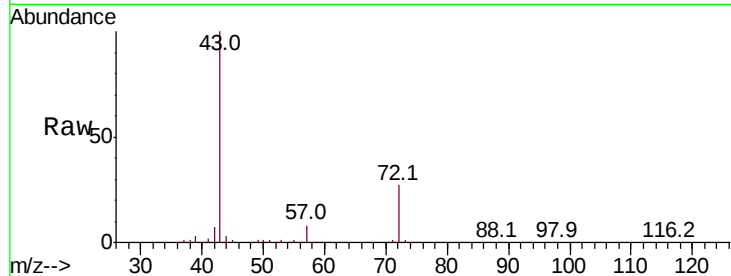
ClientSampleId :

Tot Ion: 43 Resp: 561708

Ion Ratio Lower Upper

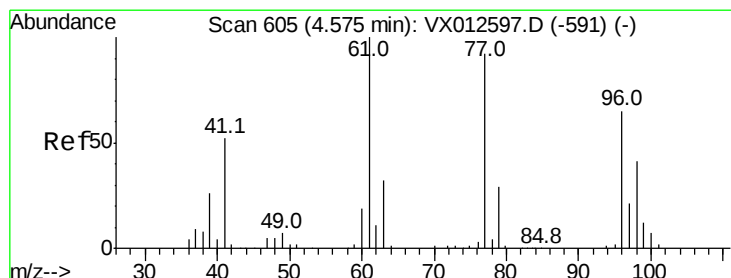
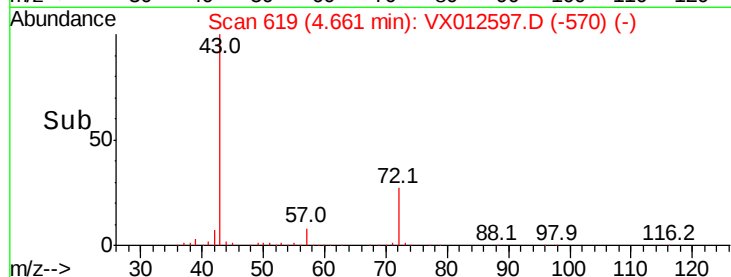
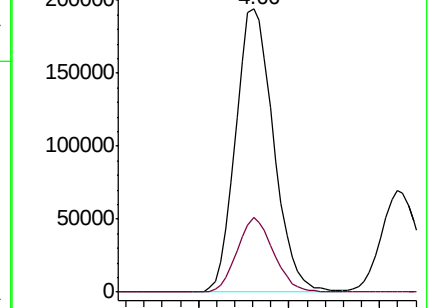
43 100

72 26.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 58.181 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX012597.D

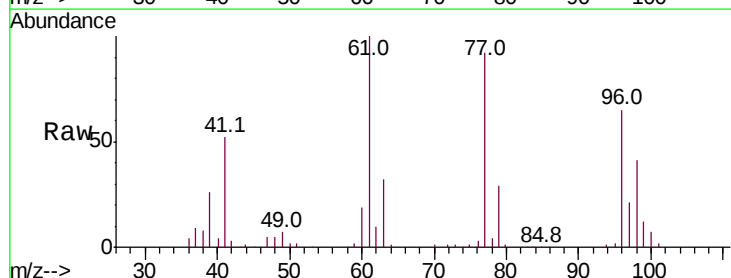
Acq: 23 Sep 2019 11:19

Tgt Ion: 77 Resp: 199044

Ion Ratio Lower Upper

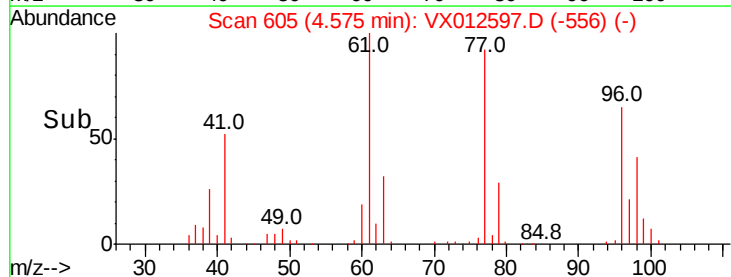
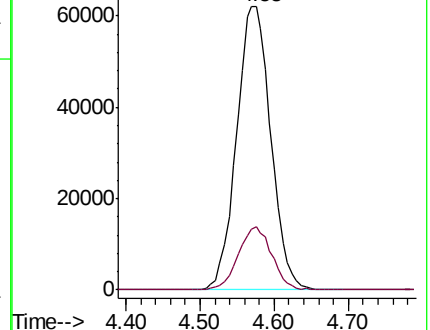
77 100

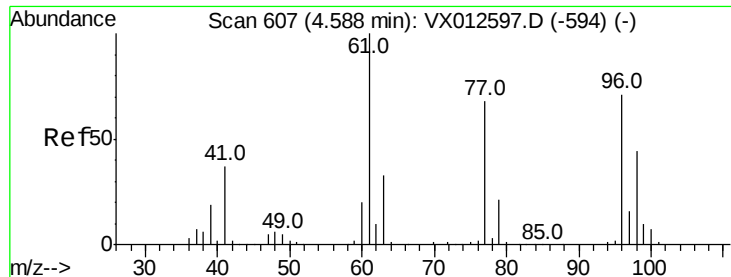
97 21.9 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



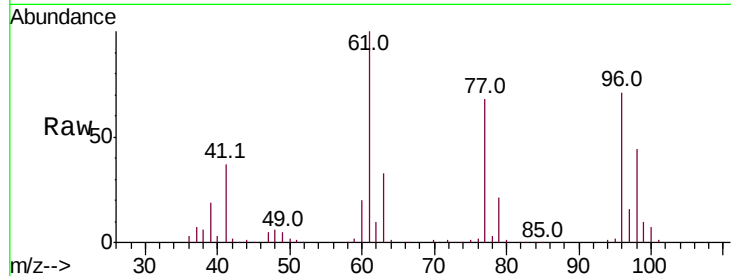


#27

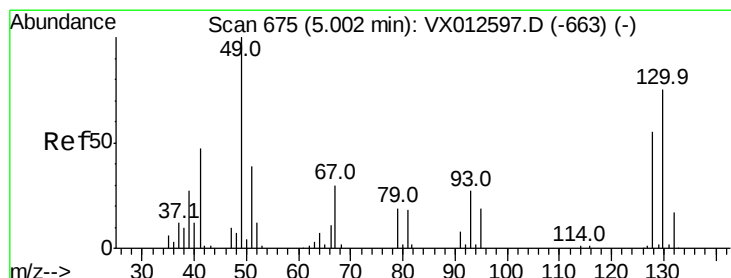
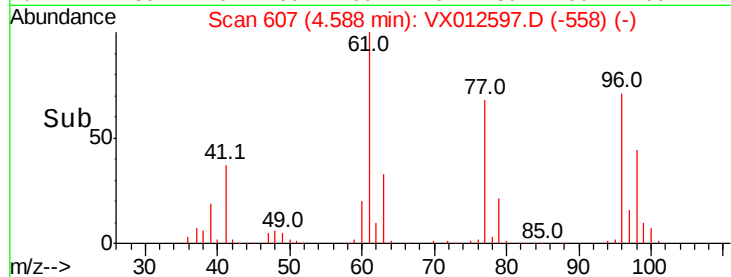
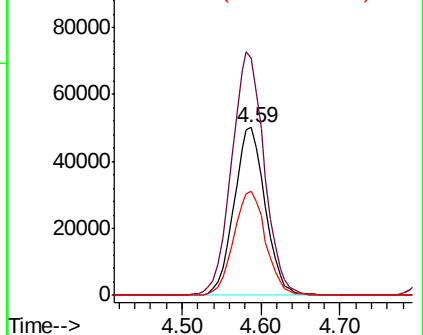
cis-1,2-Dichloroethene
 Concen: 64.790 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 137844
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 303.8
 98 63.8 0.0 127.6



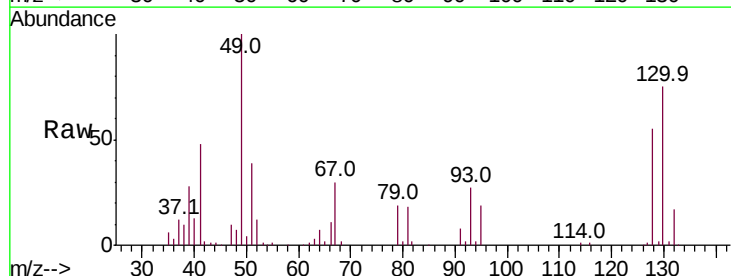
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



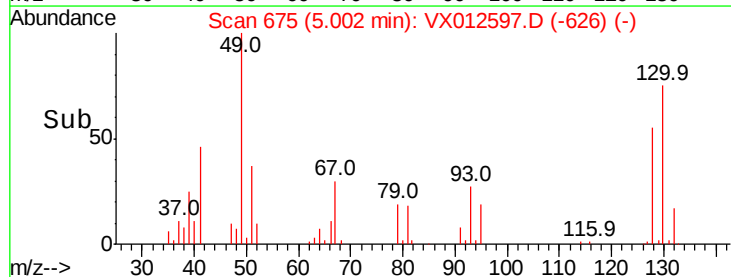
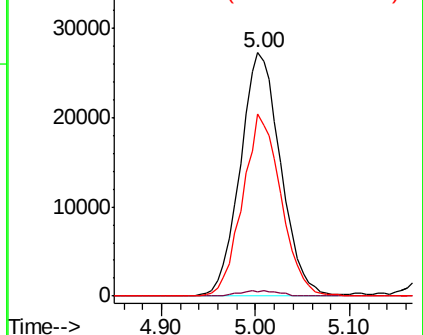
#28

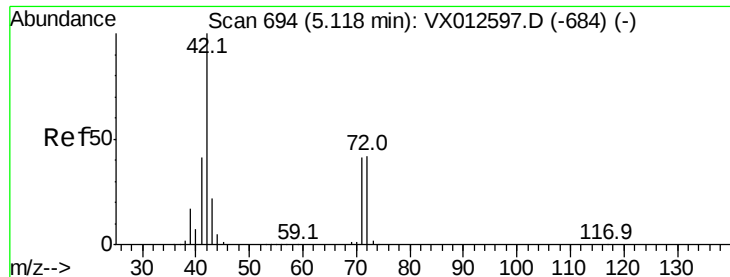
Bromochloromethane
 Concen: 47.163 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion: 49 Resp: 82036
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 71.3 57.0 85.6



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: 298.361 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampled :

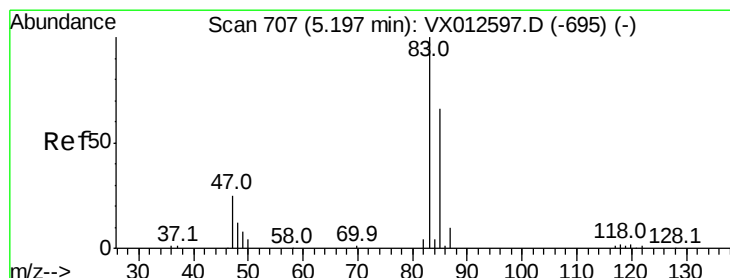
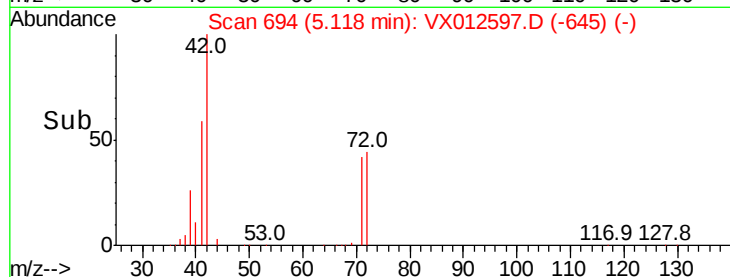
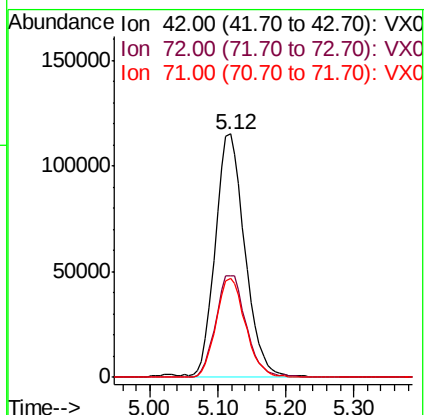
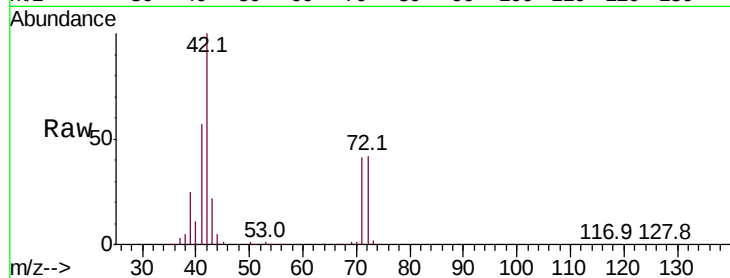
Tot Ion: 42 Resp: 346818

Ion Ratio Lower Upper

42 100

72 43.2 34.6 51.8

71 40.7 32.6 48.8



#30

Chloroform

Concen: 56.019 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012597.D

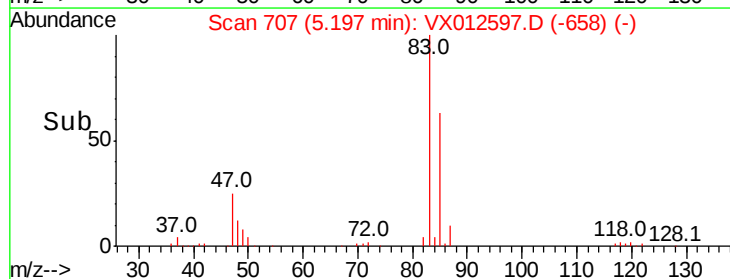
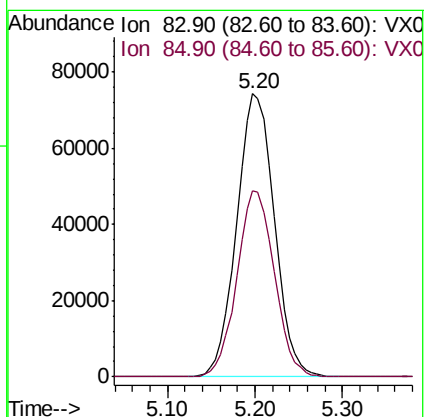
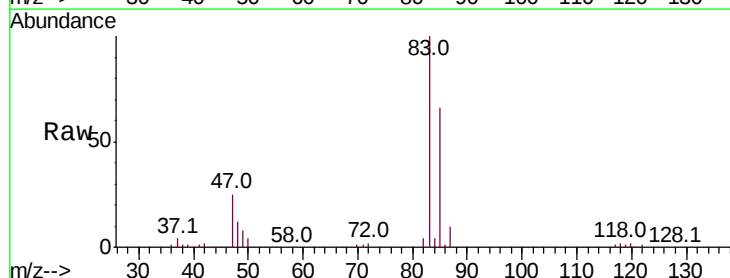
Acq: 23 Sep 2019 11:19

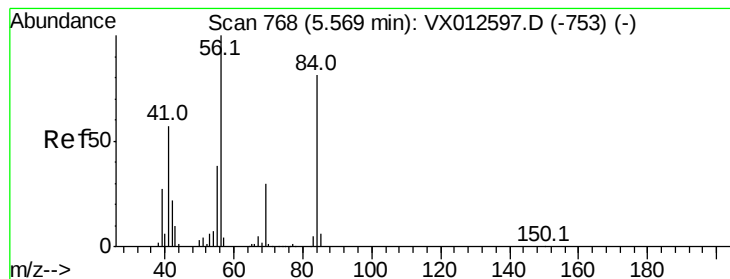
Tgt Ion: 83 Resp: 223000

Ion Ratio Lower Upper

83 100

85 65.7 52.6 78.8





#31

Cyclohexane

Concen: 83.627 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

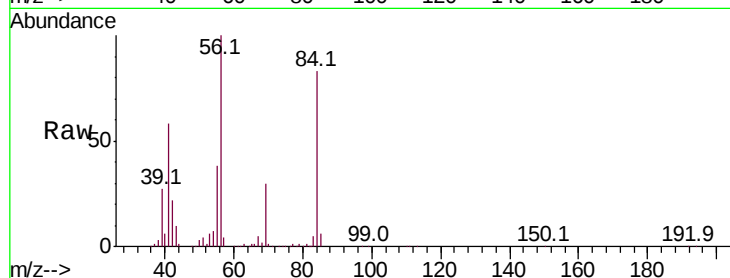
Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 201916

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.3	36.5
84	81.3	65.0	97.6

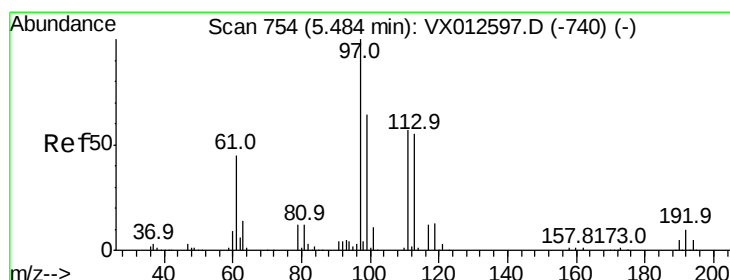
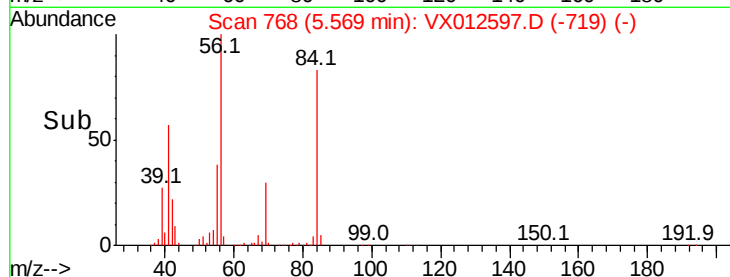
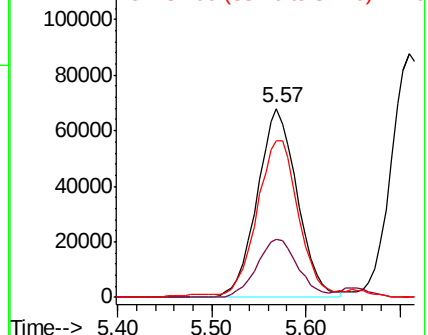


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 60.661 ug/l

RT: 5.48 min Scan# 754

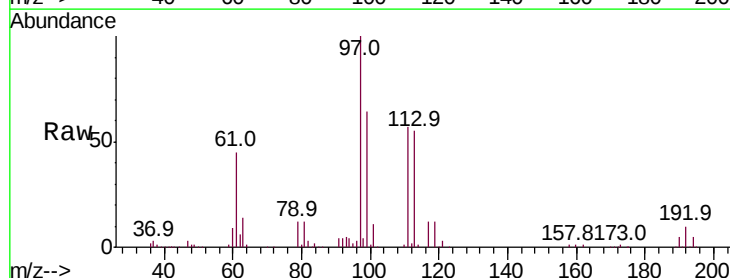
Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Tgt Ion: 97 Resp: 204048

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	44.4	35.5	53.3

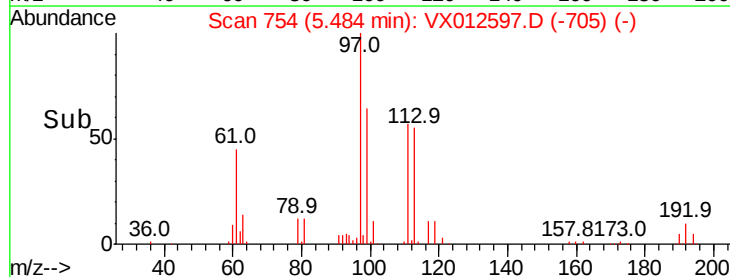
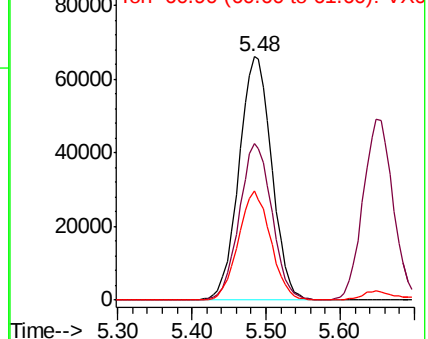


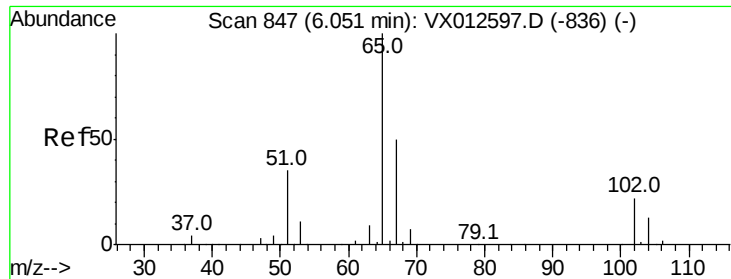
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

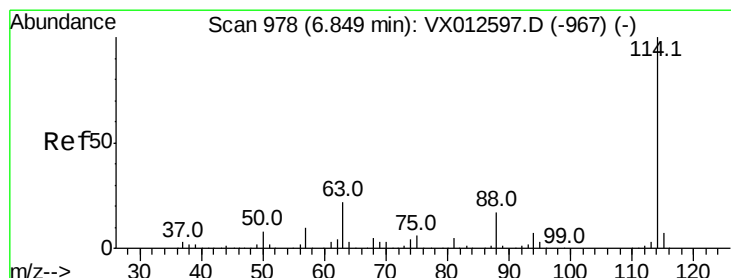
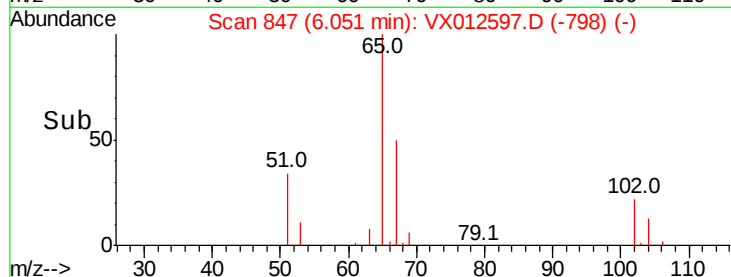
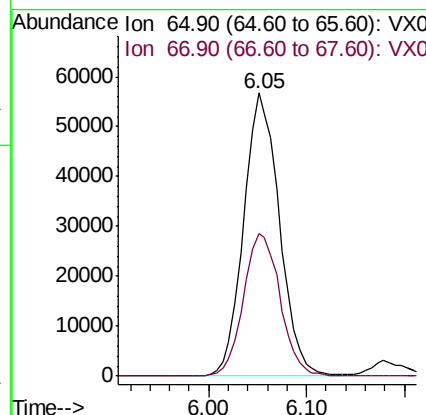
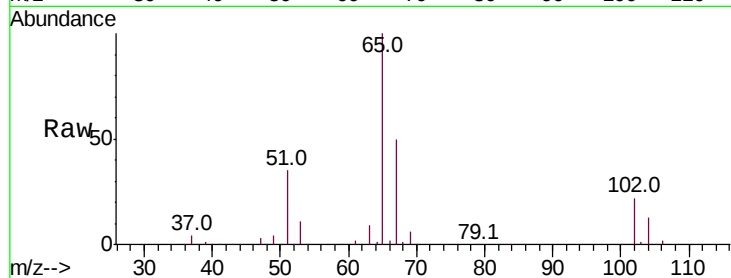




#33
 1,2-Dichloroethane-d4
 Concen: 48.239 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

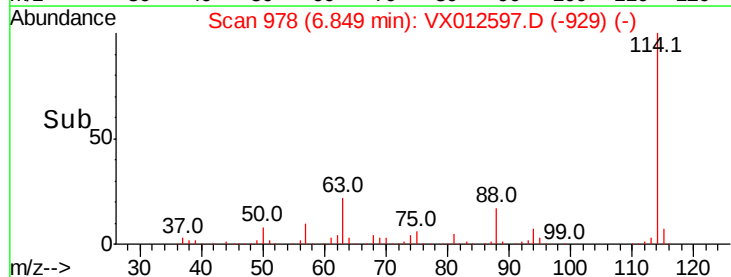
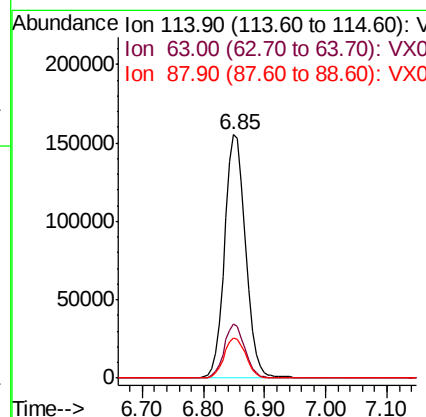
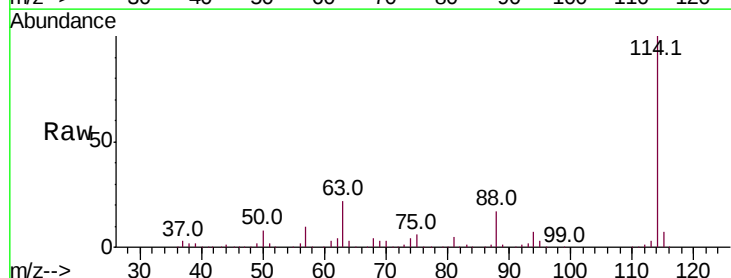
Instrument :
 MSVOA_X
 ClientSampleId :

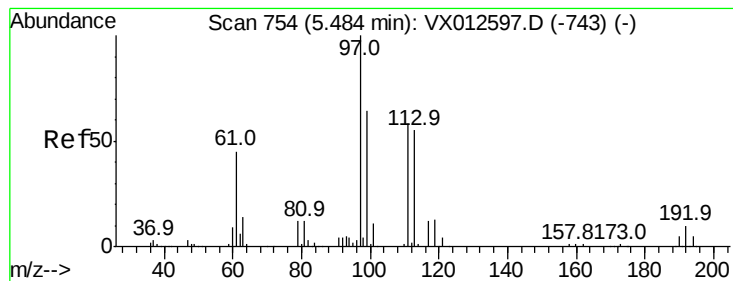
Tot Ion: 65 Resp: 144419
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion: 114 Resp: 371126
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.332 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampled :

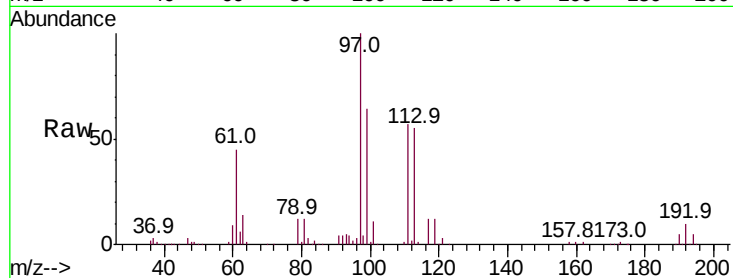
Tot Ion:113 Resp: 106677

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

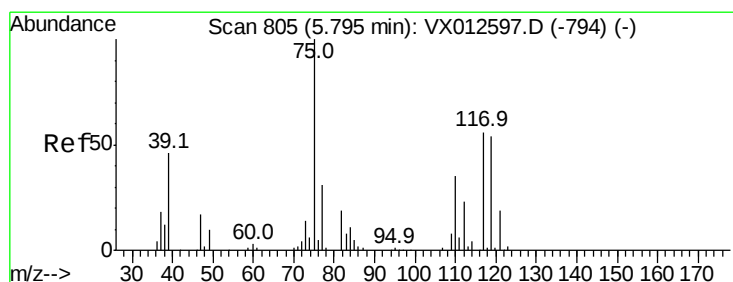
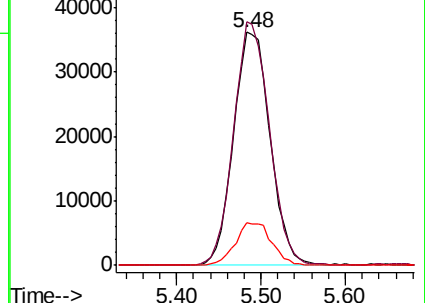
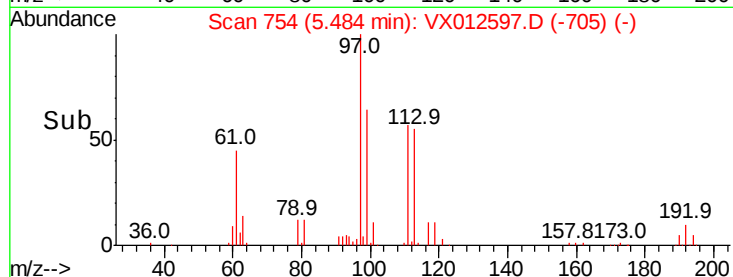
192 18.1 14.5 21.7



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: 68.845 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

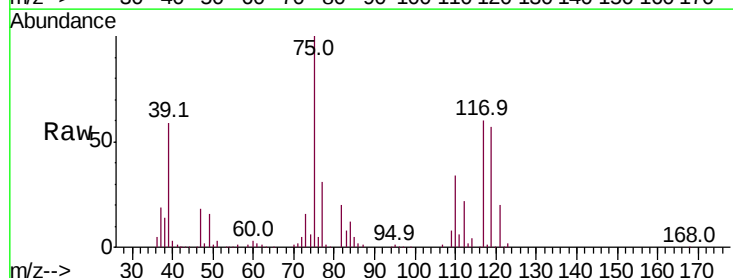
Tgt Ion: 75 Resp: 166079

Ion Ratio Lower Upper

75 100

110 35.2 17.6 52.8

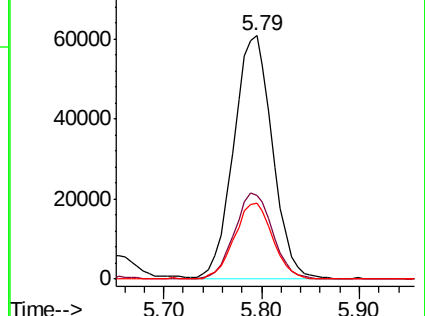
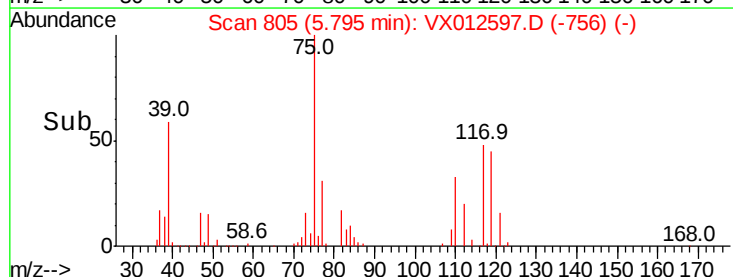
77 31.4 25.1 37.7

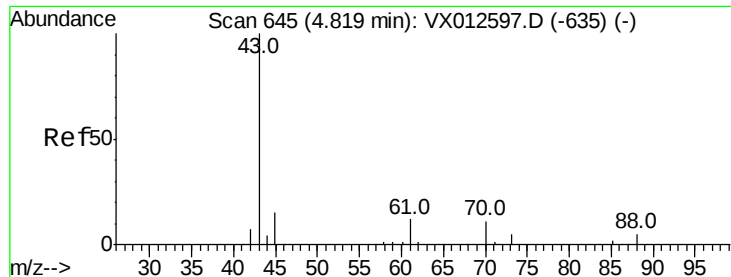


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 58.331 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

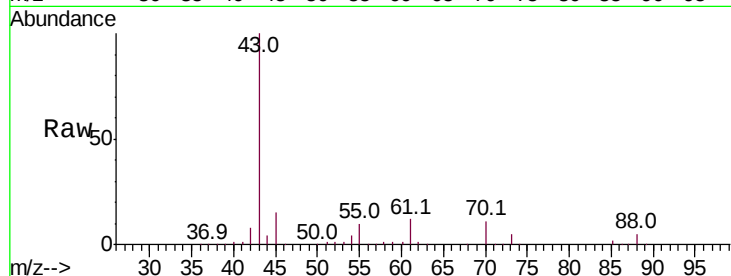
Tot Ion: 43 Resp: 204212

Ion Ratio Lower Upper

43 100

61 13.5 10.8 16.2

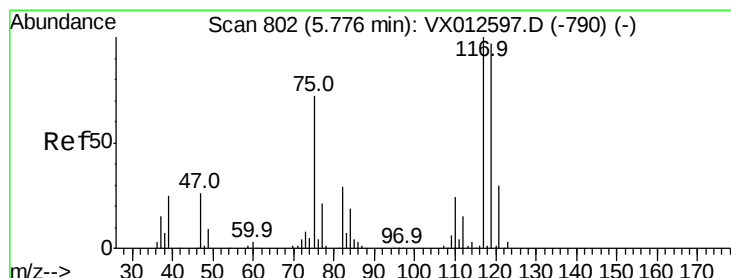
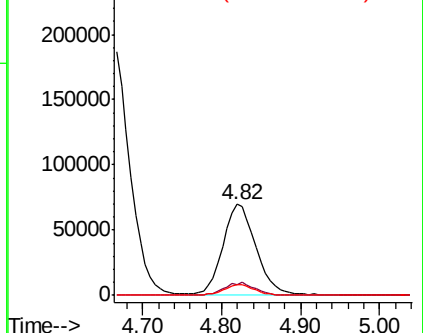
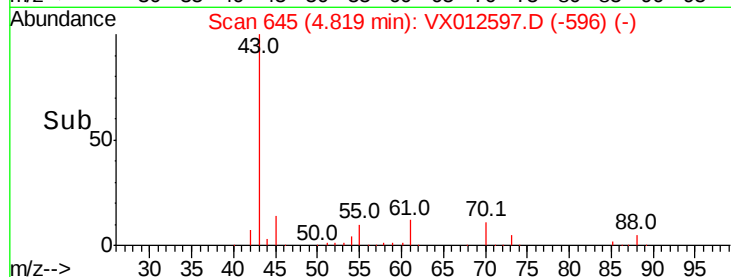
70 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 60.578 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

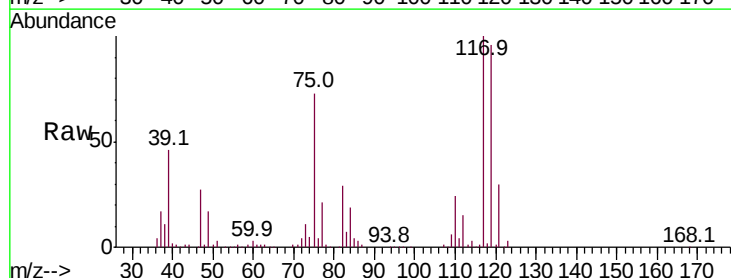
Tgt Ion: 117 Resp: 175422

Ion Ratio Lower Upper

117 100

119 96.4 77.1 115.7

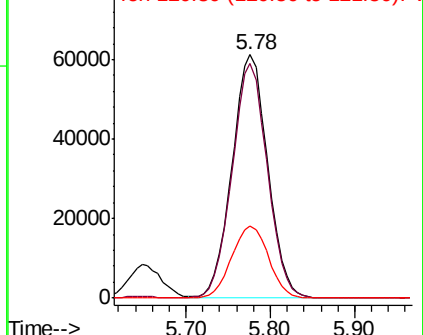
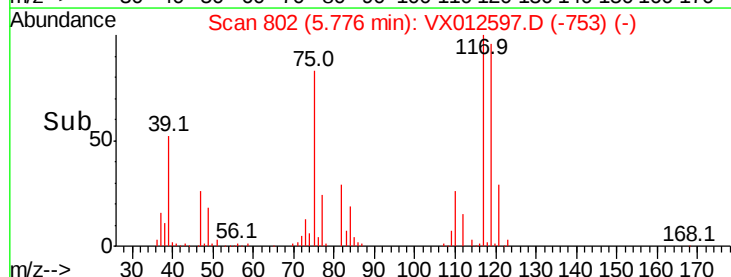
121 29.6 23.7 35.5

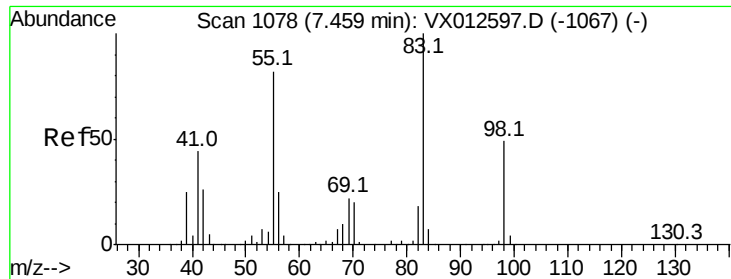


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

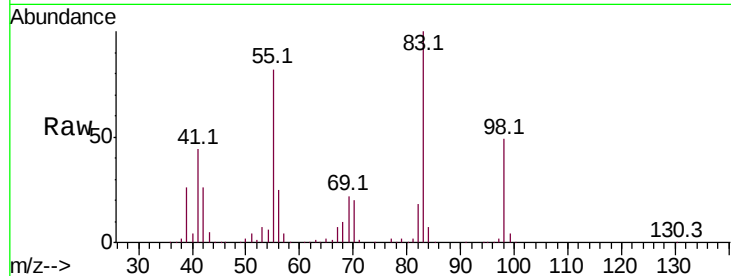




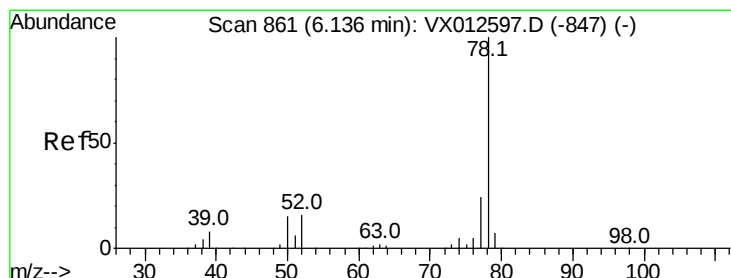
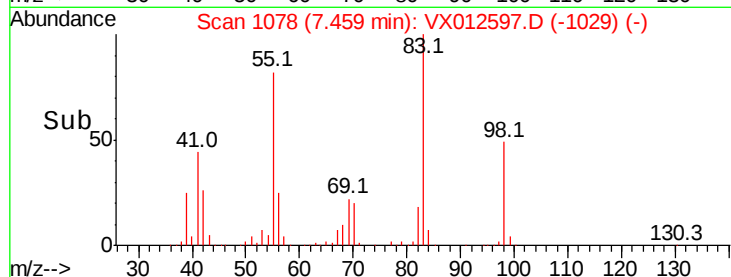
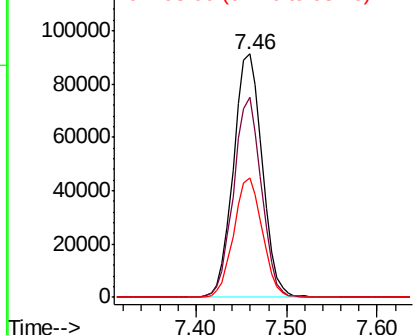
#39
Methvlcvclohexane
Concen: 81.964 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 201395
Ion Ratio Lower Upper
83 100
55 82.0 65.6 98.4
98 49.2 39.4 59.0

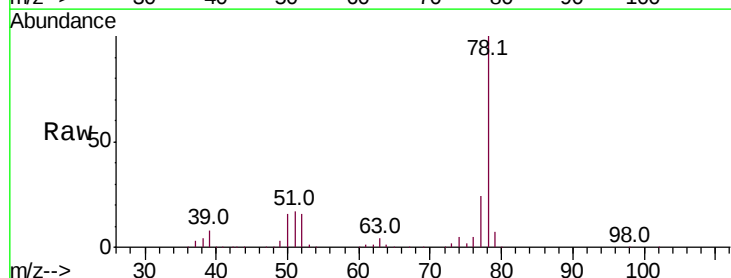


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

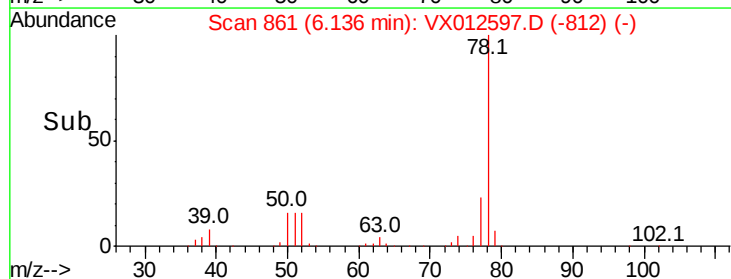
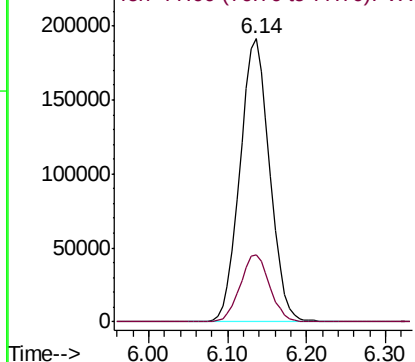


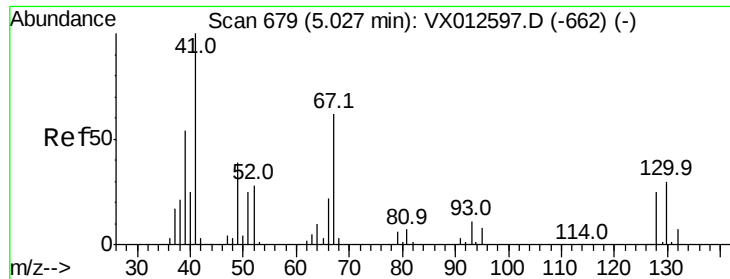
#40
Benzene
Concen: 66.034 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 78 Resp: 500943
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



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

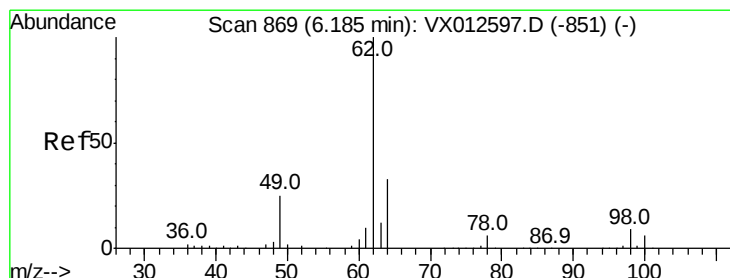
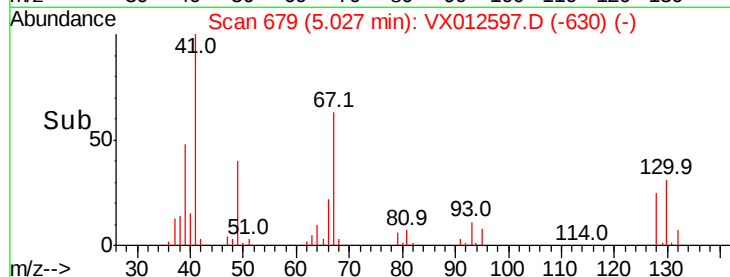
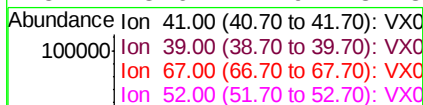
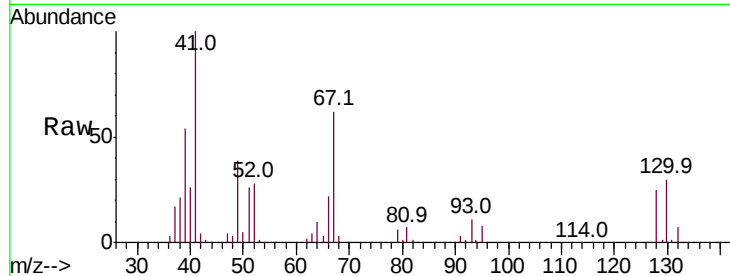




#41
Methacrylonitrile
Concen: 50.632 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

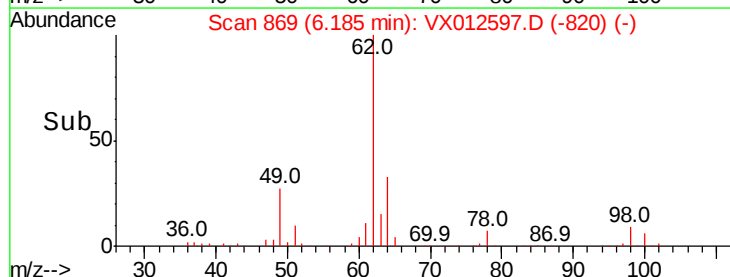
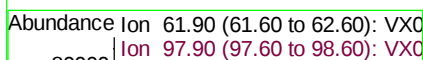
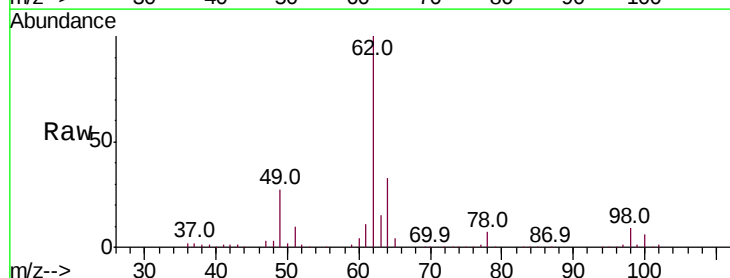
Instrument :
MSVOA_X
ClientSampleId :

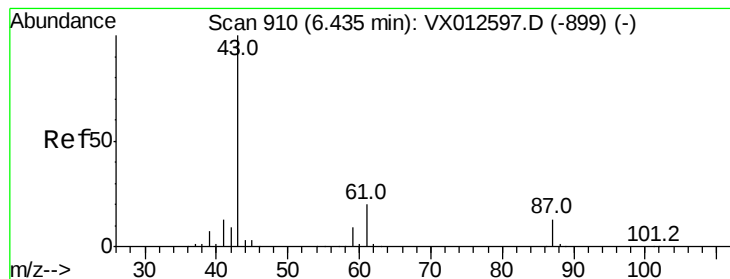
Tot Ion:	41	Resp:	112523
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.2	66.4
67	69.0	55.2	82.8
52	28.6	22.9	34.3



#42
1,2-Dichloroethane
Concen: 56.217 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:	62	Resp:	190693
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 53.596 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

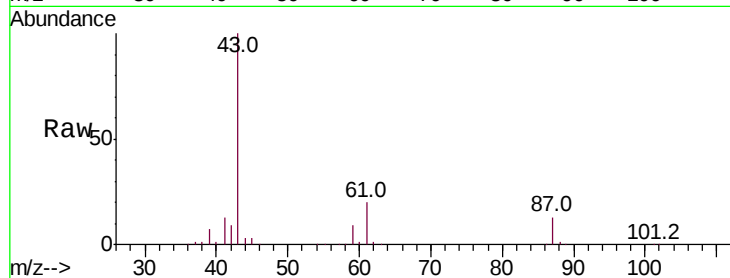
Tot Ion: 43 Resp: 333637

Ion Ratio Lower Upper

43 100

61 19.8 15.8 23.8

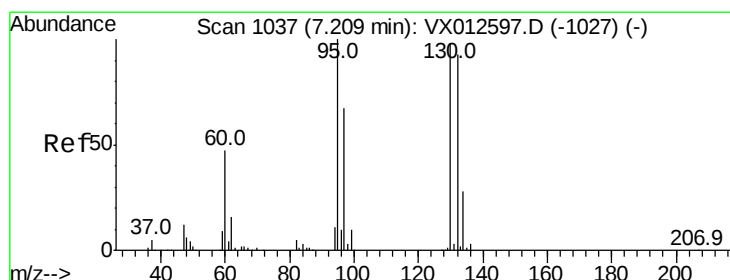
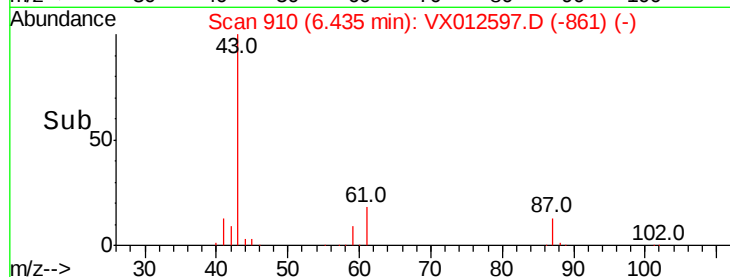
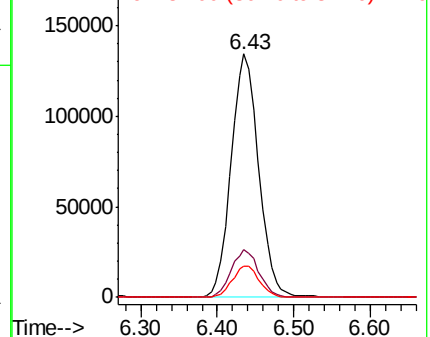
87 12.8 10.2 15.4



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: 64.083 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX012597.D

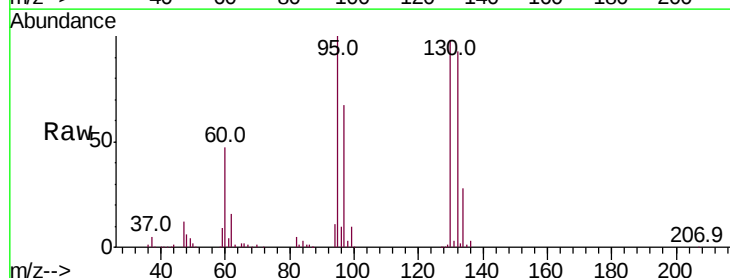
Acq: 23 Sep 2019 11:19

Tgt Ion:130 Resp: 126372

Ion Ratio Lower Upper

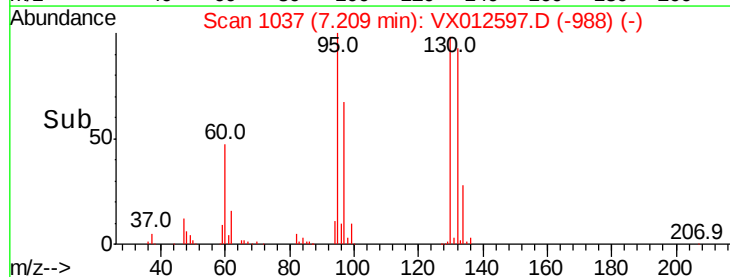
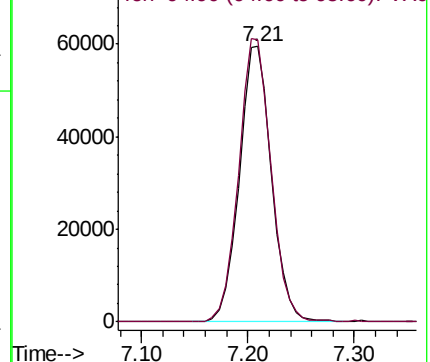
130 100

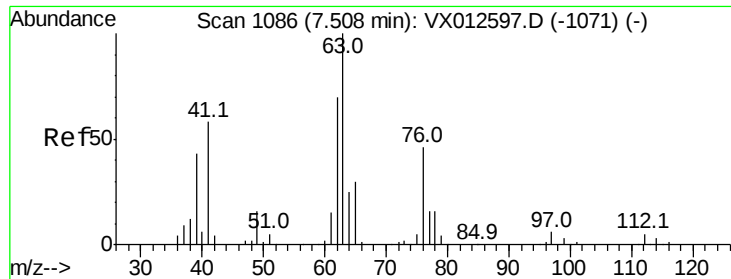
95 102.4 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 56.816 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

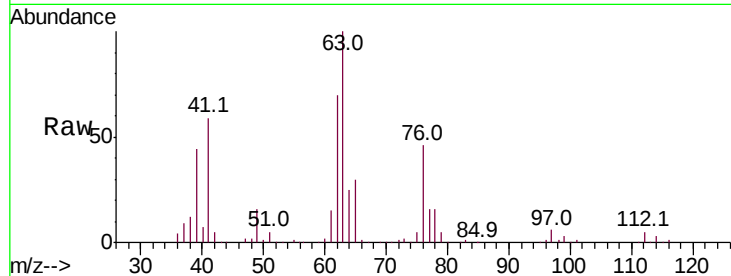
ClientSampleId :

Tot Ion: 63 Resp: 127992

Ion Ratio Lower Upper

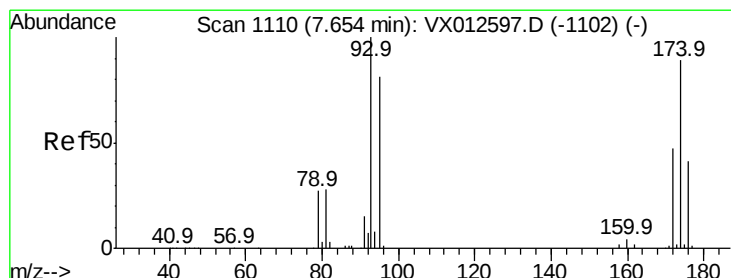
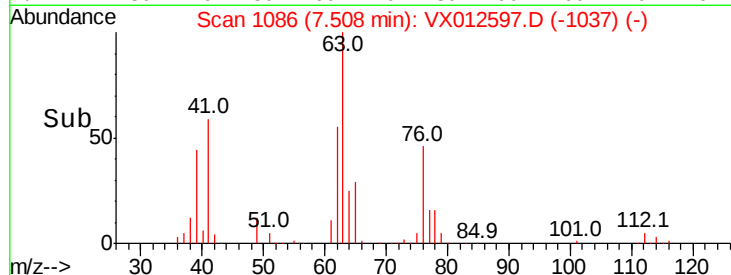
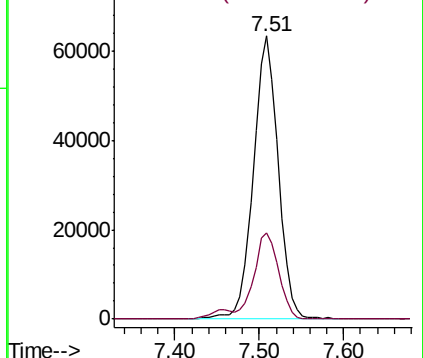
63 100

65 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 59.001 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

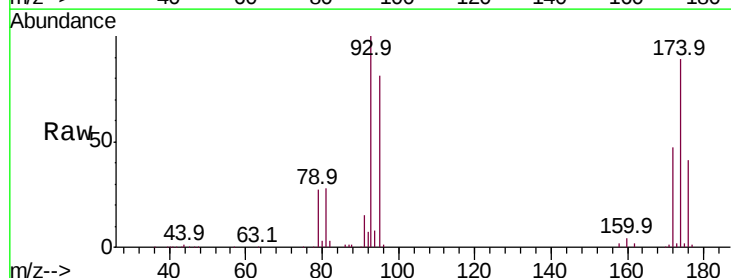
Tgt Ion: 93 Resp: 86606

Ion Ratio Lower Upper

93 100

95 81.7 65.4 98.0

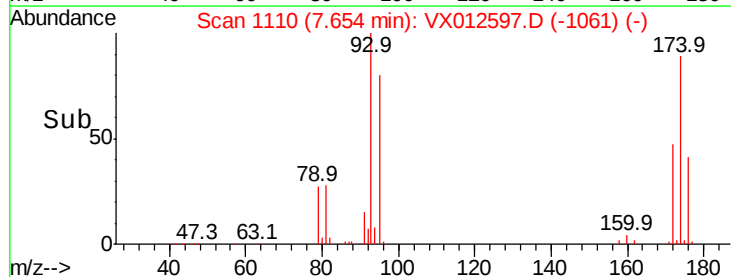
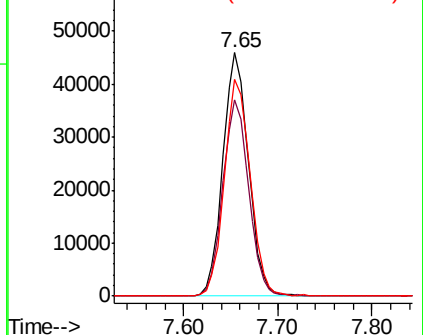
174 90.0 72.0 108.0

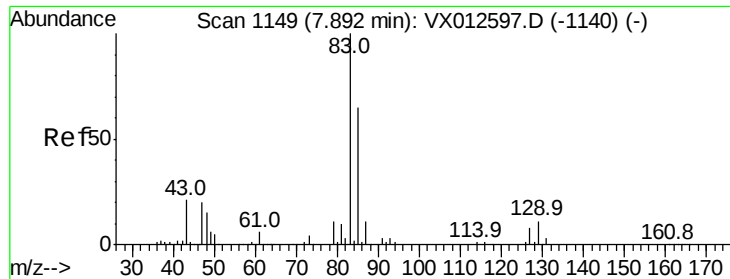


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.615 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampled :

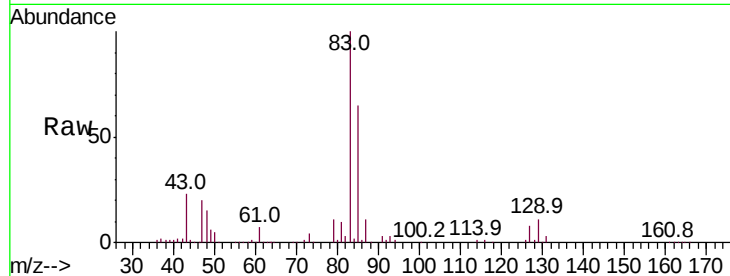
Tot Ion: 83 Resp: 178214

Ion Ratio Lower Upper

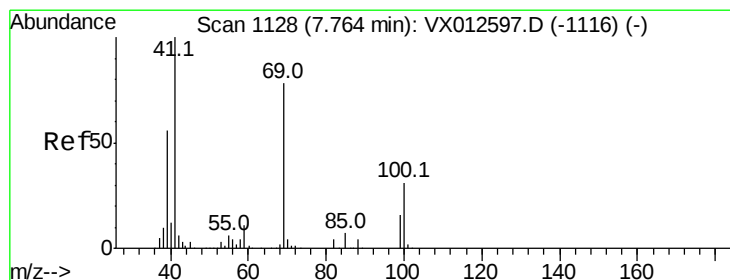
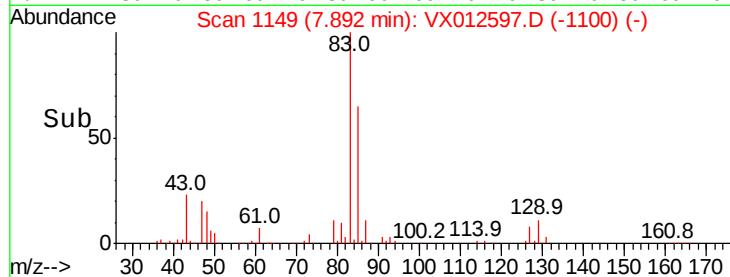
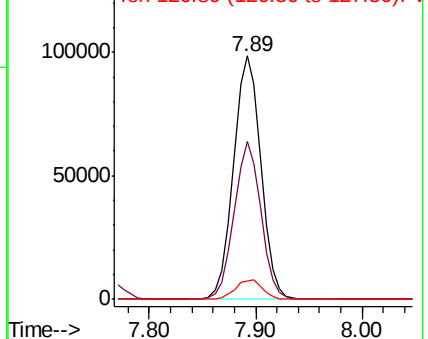
83 100

85 64.7 51.8 77.6

127 7.8 6.2 9.4



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



#48

Methyl methacrylate

Concen: 55.489 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

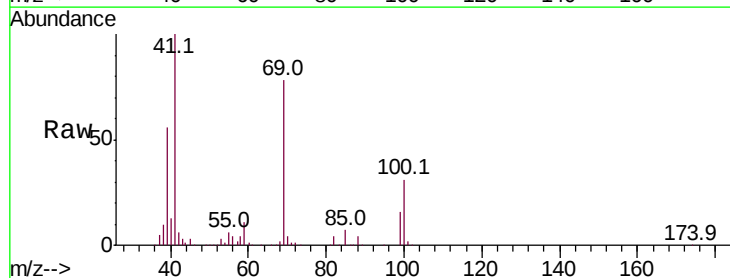
Tgt Ion: 41 Resp: 163830

Ion Ratio Lower Upper

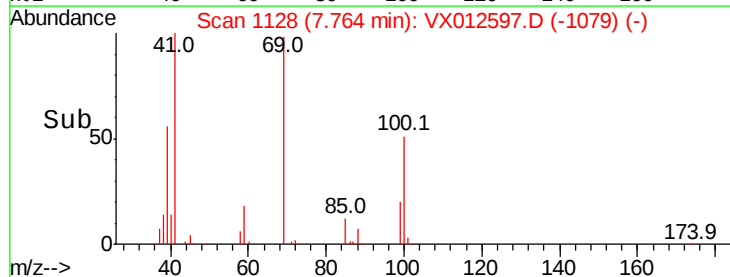
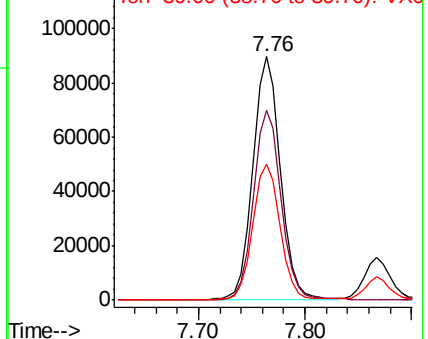
41 100

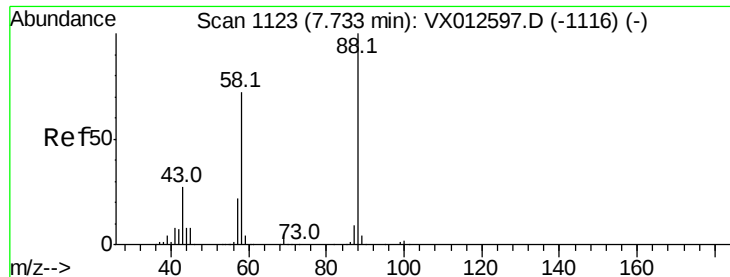
69 78.2 62.6 93.8

39 55.5 44.4 66.6



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: 1055.111 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

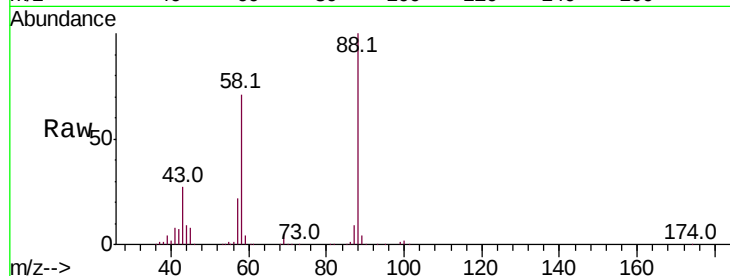
Tot Ion: 88 Resp: 75571

Ion Ratio Lower Upper

88 100

43 34.5 27.6 41.4

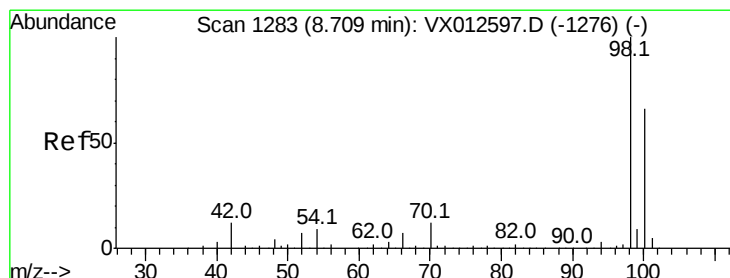
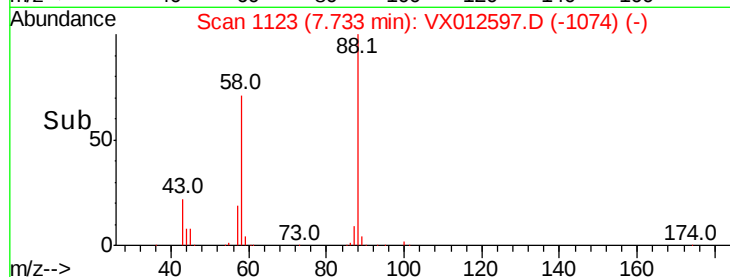
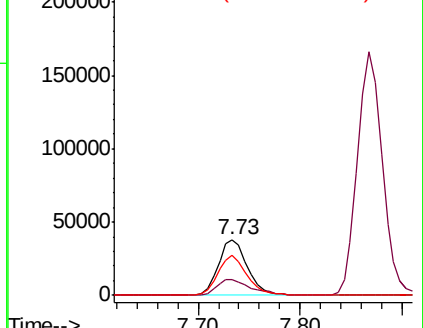
58 71.4 57.1 85.7



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: 48.233 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012597.D

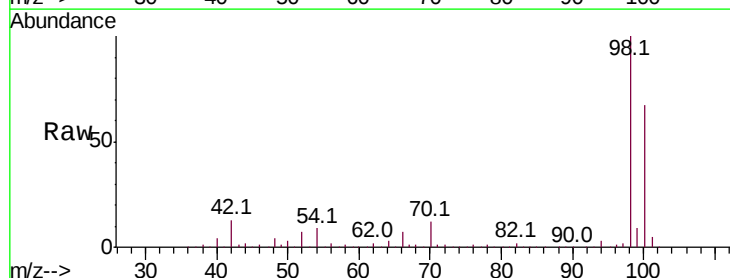
Acq: 23 Sep 2019 11:19

Tgt Ion: 98 Resp: 404598

Ion Ratio Lower Upper

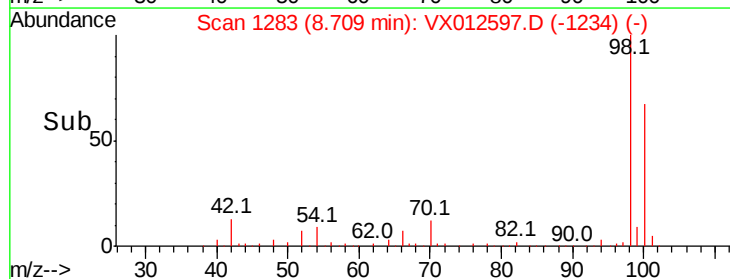
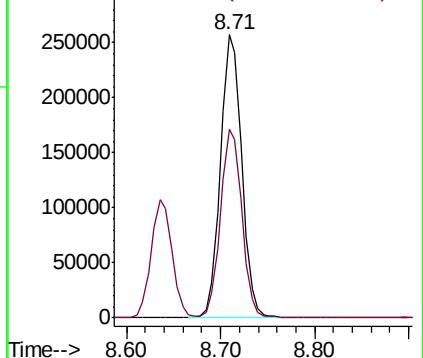
98 100

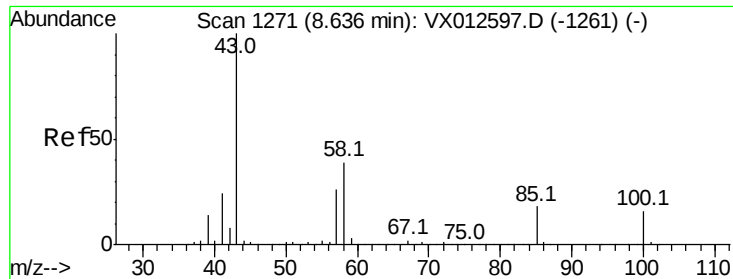
100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 257.143 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

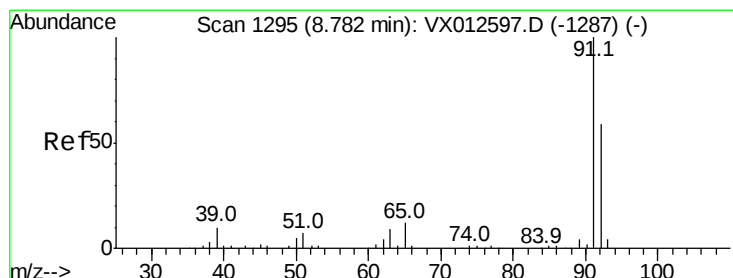
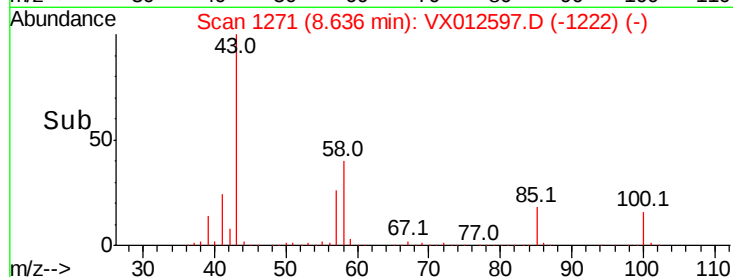
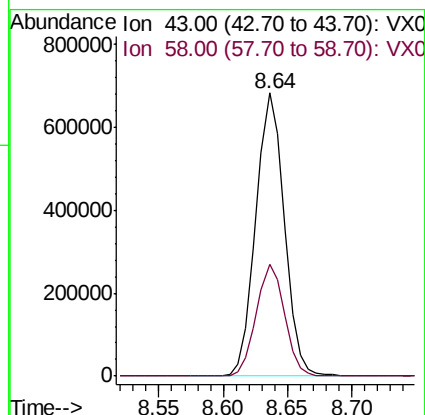
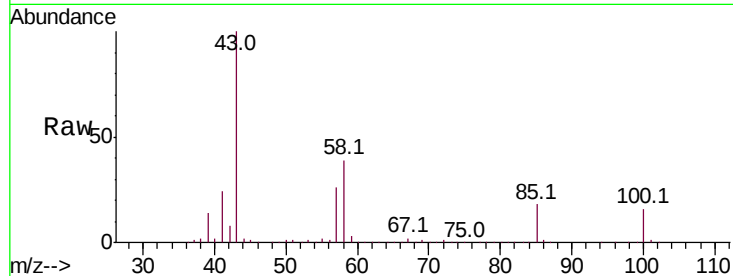
ClientSampleId :

Tot Ion: 43 Resp: 1040435

Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0



#52

Toluene

Concen: 65.132 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012597.D

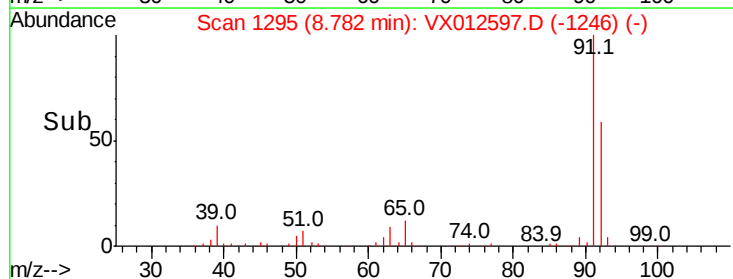
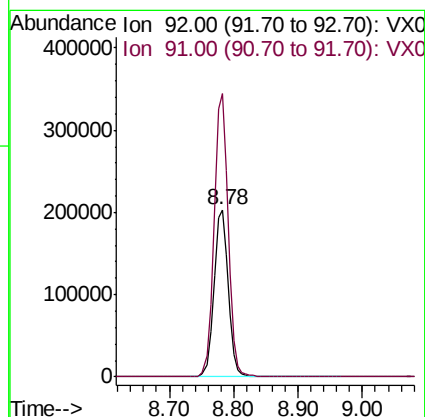
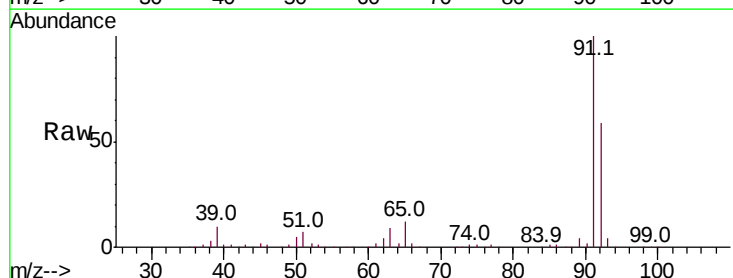
Acq: 23 Sep 2019 11:19

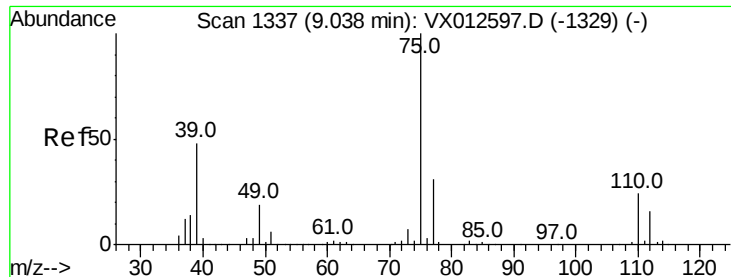
Tgt Ion: 92 Resp: 316354

Ion Ratio Lower Upper

92 100

91 167.8 134.2 201.4

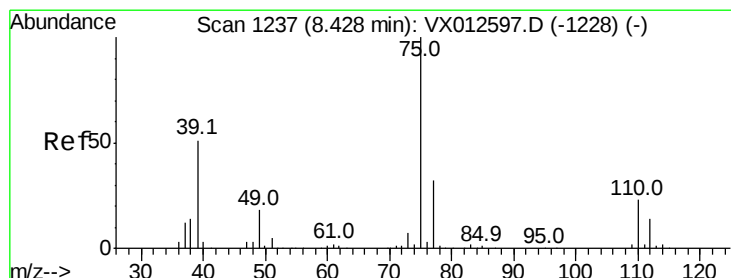
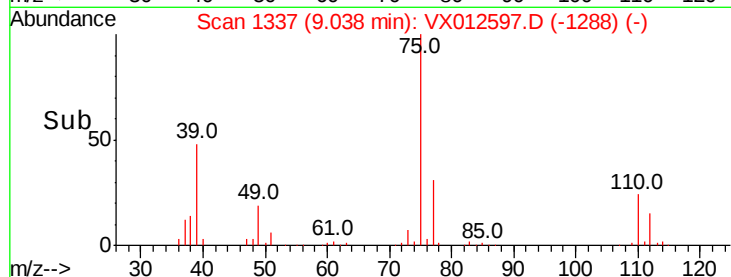
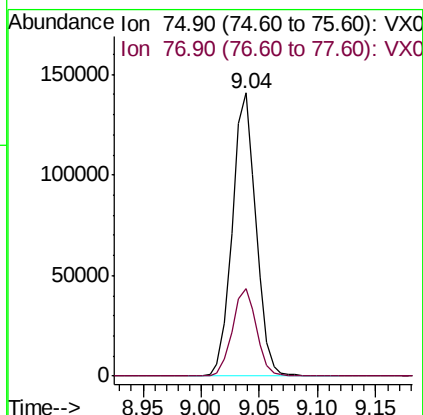
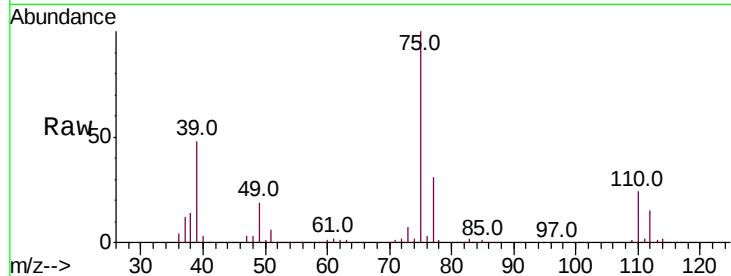




#53
t-1,3-Dichloropropene
Concen: 59.292 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

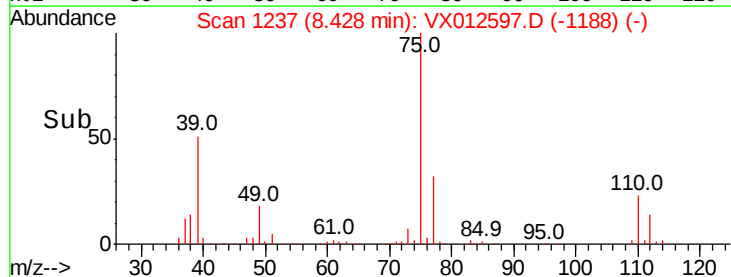
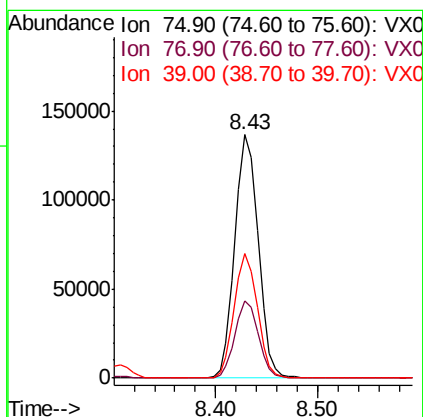
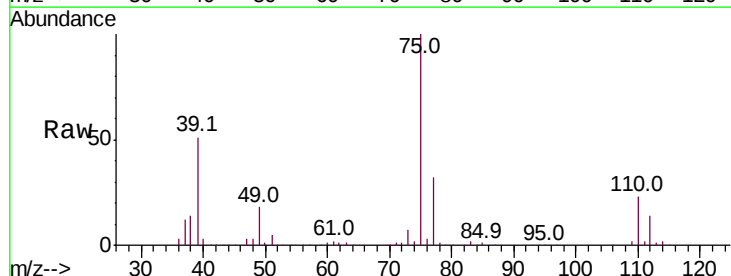
Instrument :
MSVOA_X
ClientSampleId :

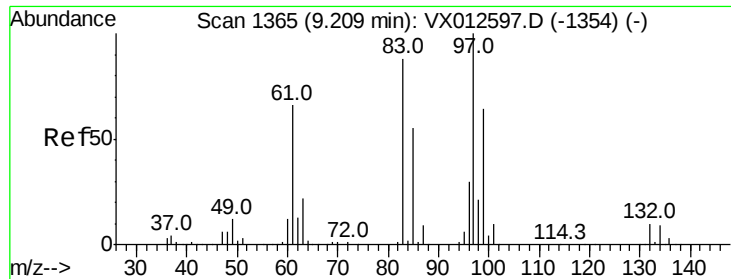
Tot Ion: 75 Resp: 199495
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 61.618 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 75 Resp: 216689
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 50.9 40.7 61.1

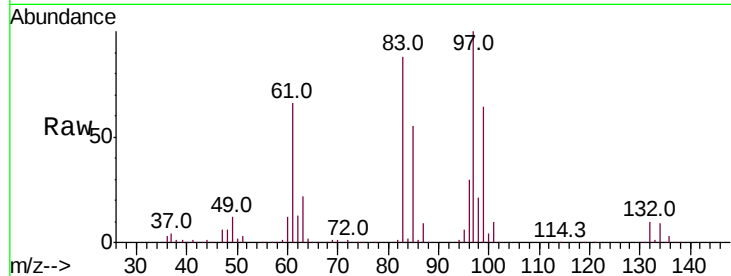




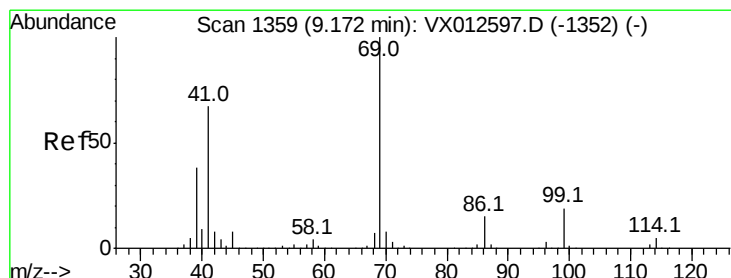
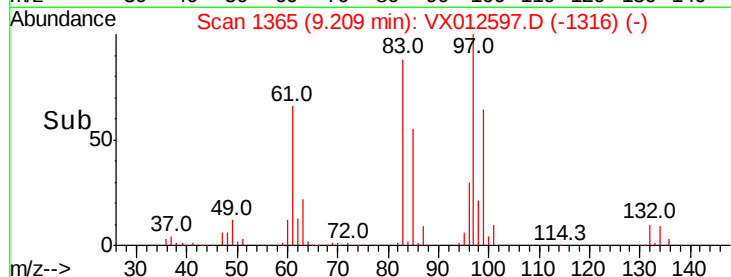
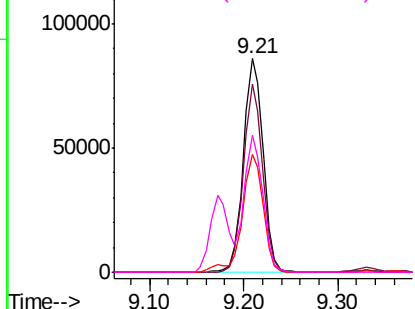
#55
 1,1,2-Trichloroethane
 Concen: 52.583 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	125822
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	54.9	43.9	65.9
99	64.0	51.2	76.8

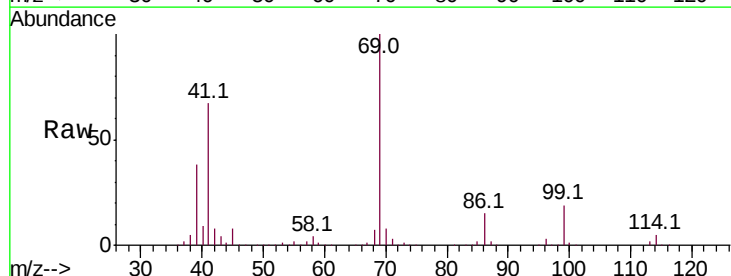


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

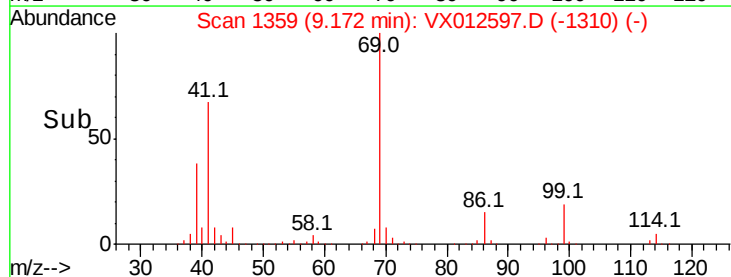
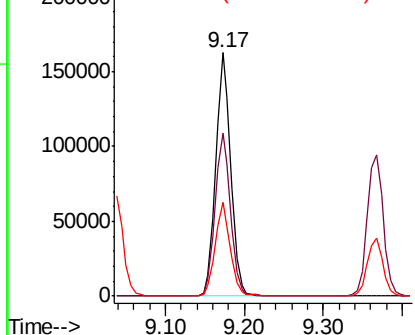


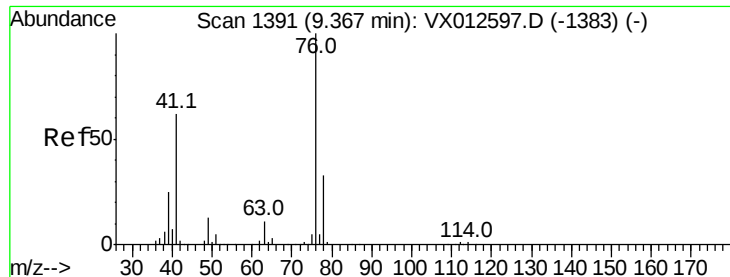
#56
 Ethyl methacrylate
 Concen: 57.314 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion:	69	Resp:	216890
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.7	82.1
39	38.3	30.6	46.0



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





#57

1,3-Dichloropropane

Concen: 56.408 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

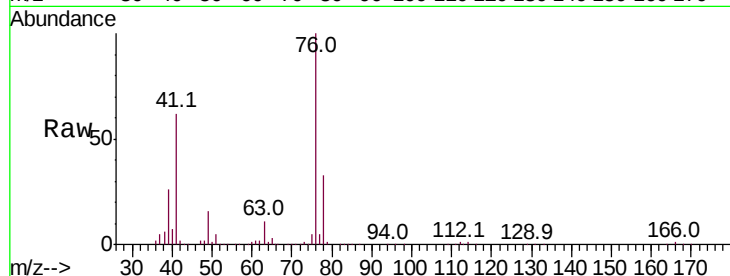
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 217777

Ion Ratio Lower Upper

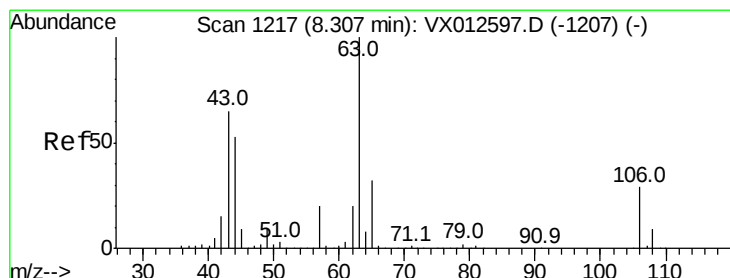
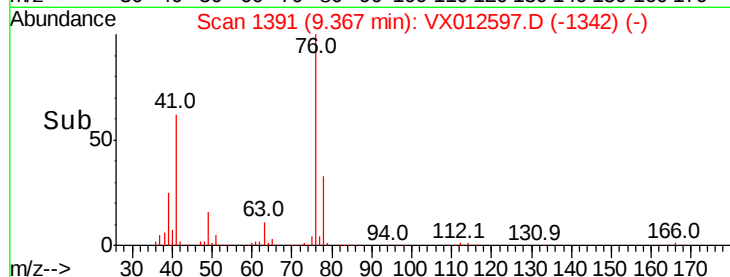
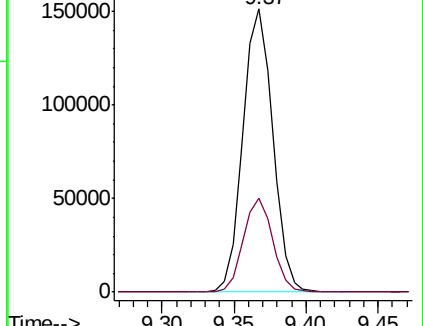
76 100

78 32.5 26.0 39.0



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: 263.563 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012597.D

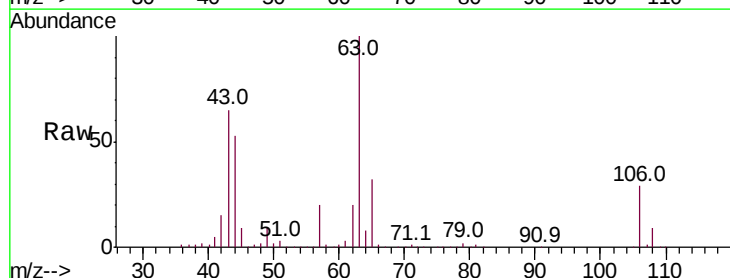
Acq: 23 Sep 2019 11:19

Tgt Ion: 63 Resp: 510260

Ion Ratio Lower Upper

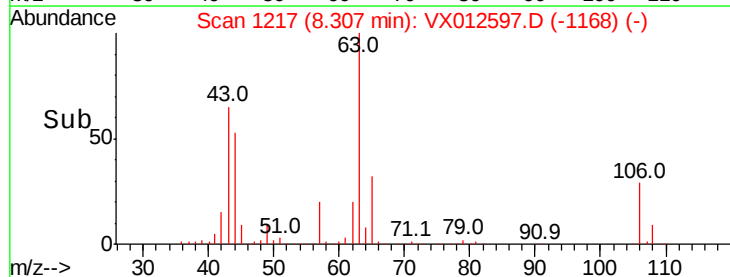
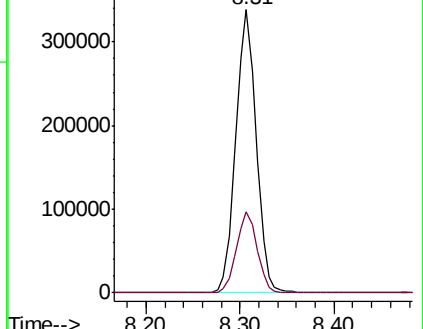
63 100

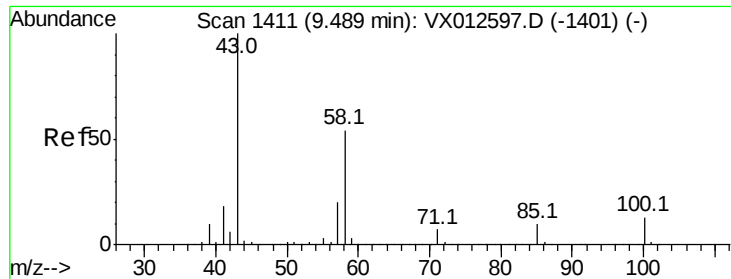
106 29.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

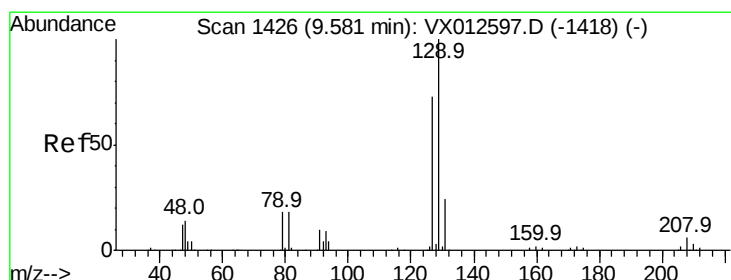
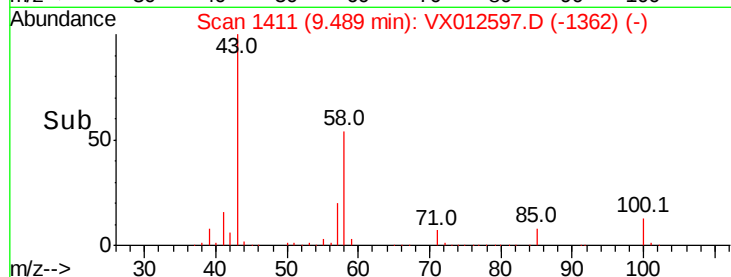
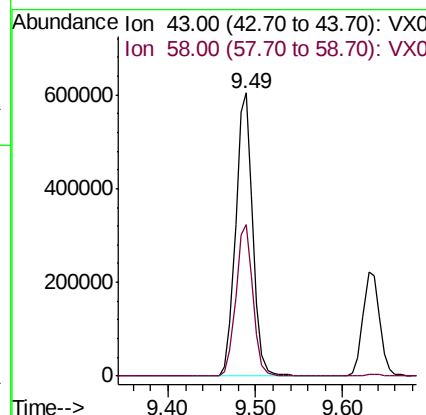
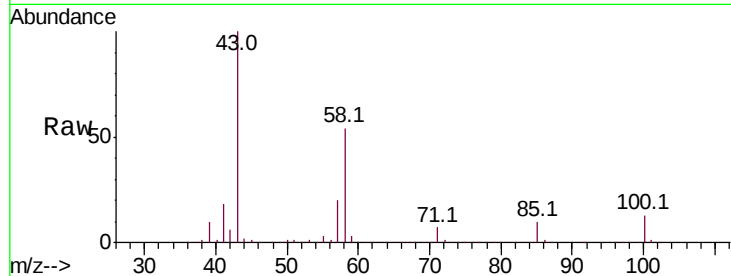




#59
2-Hexanone
Concen: 260.249 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

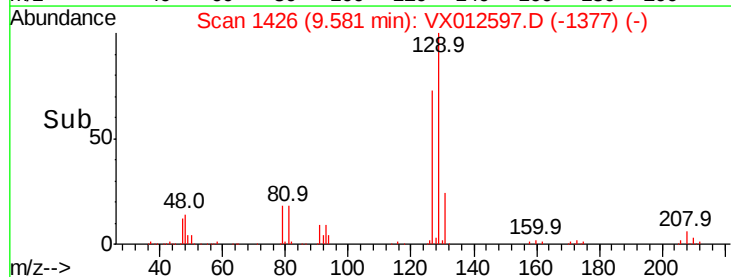
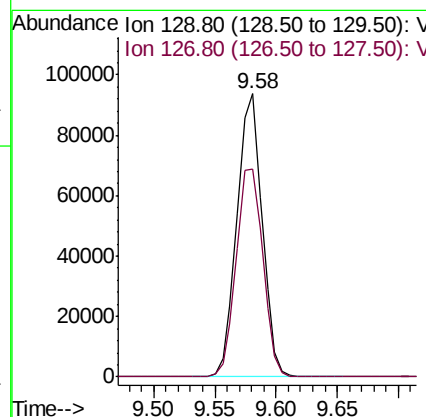
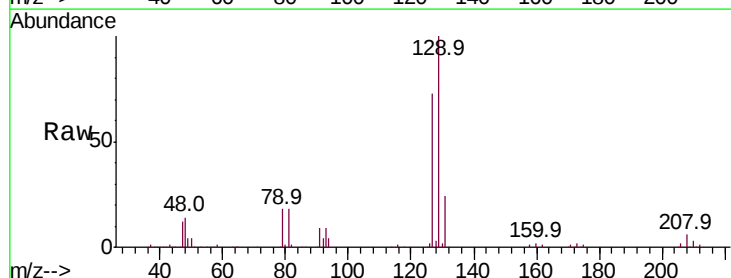
Instrument :
MSVOA_X
ClientSampleId :

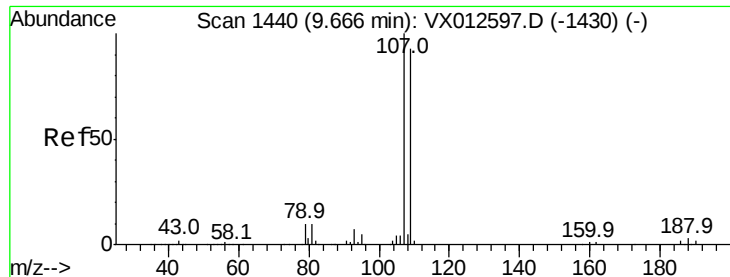
Tot Ion: 43 Resp: 822455
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.4



#60
Dibromochloromethane
Concen: 55.042 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 129 Resp: 133327
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 59.861 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

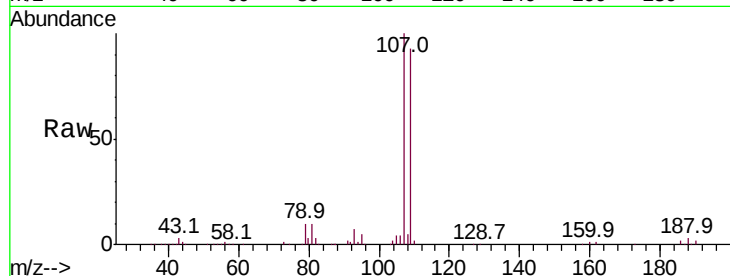
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:107 Resp: 133083

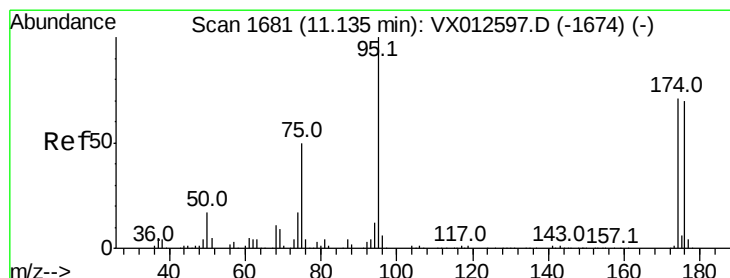
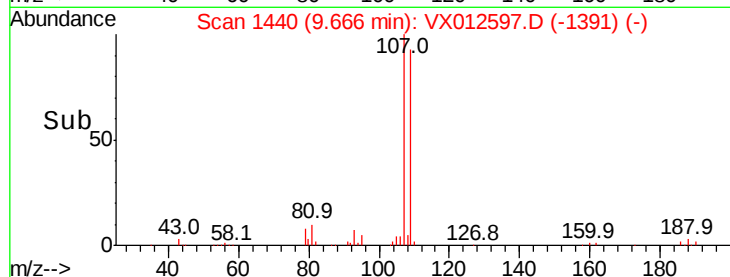
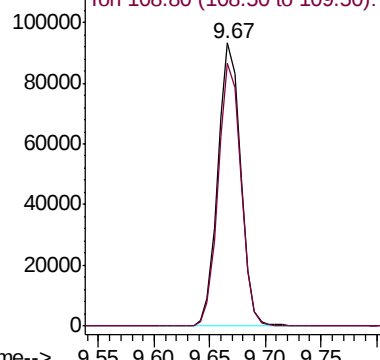
Ion Ratio Lower Upper

107 100

109 92.9 74.3 111.5



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



#62

4-Bromofluorobenzene

Concen: 45.799 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

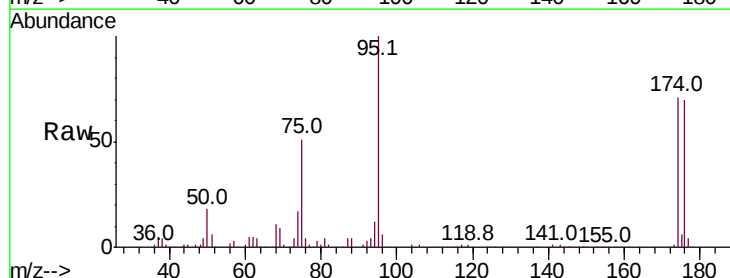
Tgt Ion: 95 Resp: 157841

Ion Ratio Lower Upper

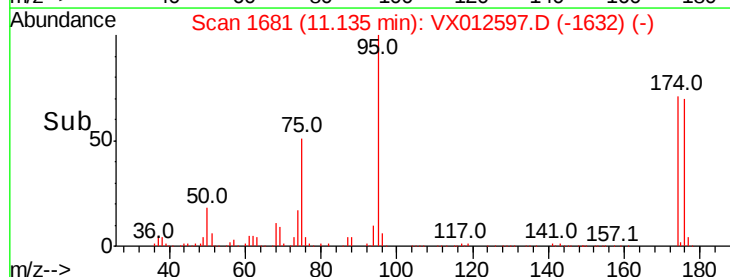
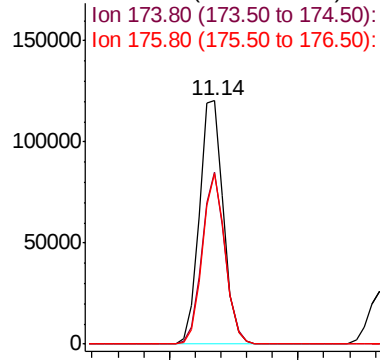
95 100

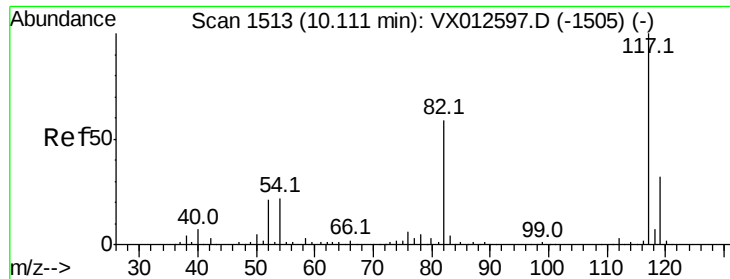
174 67.3 0.0 134.6

176 66.1 0.0 132.2



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

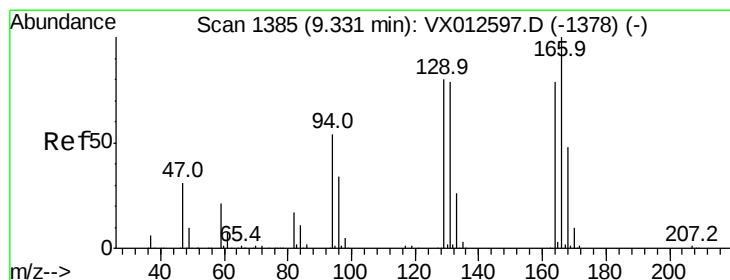
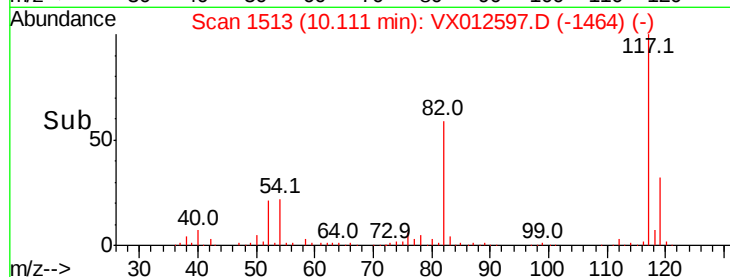
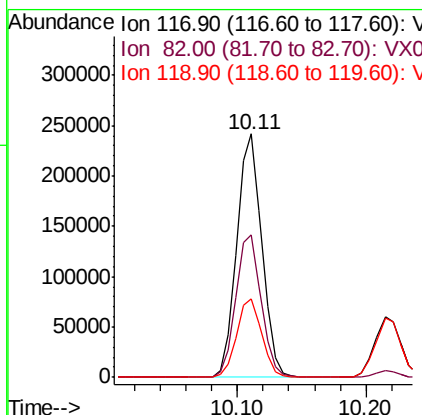
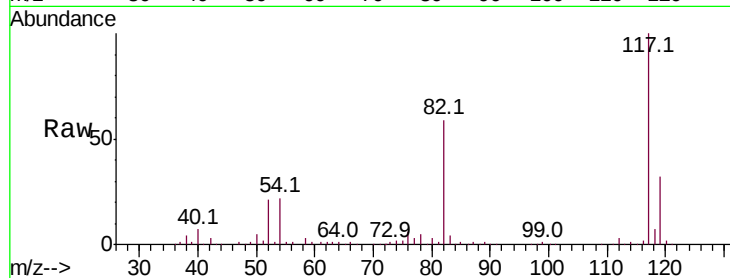




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

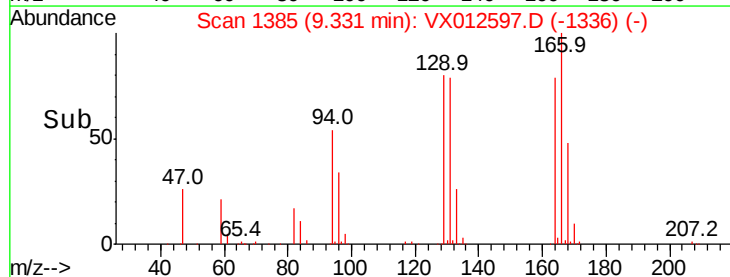
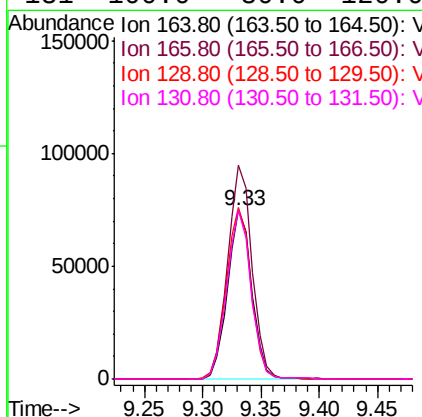
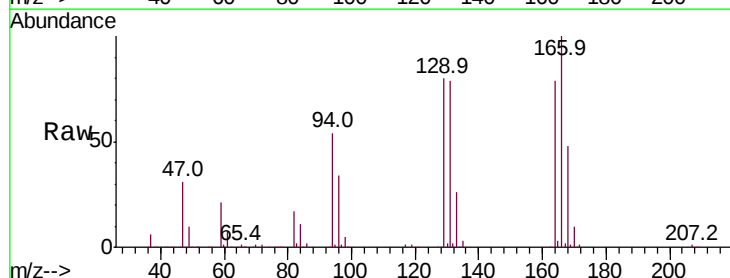
Instrument :
MSVOA_X
ClientSampleId :

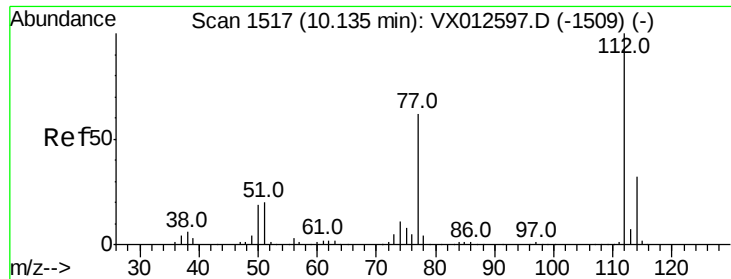
Tot Ion:117 Resp: 327139
Ion Ratio Lower Upper
117 100
82 58.7 47.0 70.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 67.970 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:164 Resp: 108445
Ion Ratio Lower Upper
164 100
166 126.6 101.3 151.9
129 101.4 81.1 121.7
131 100.0 80.0 120.0

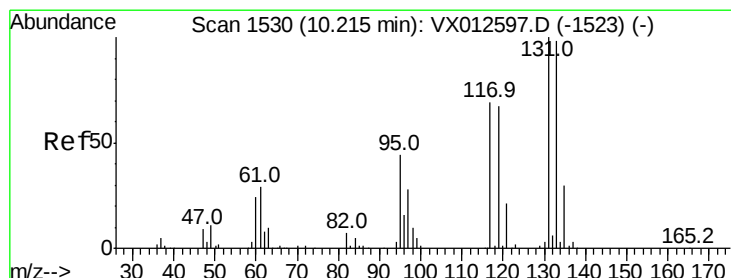
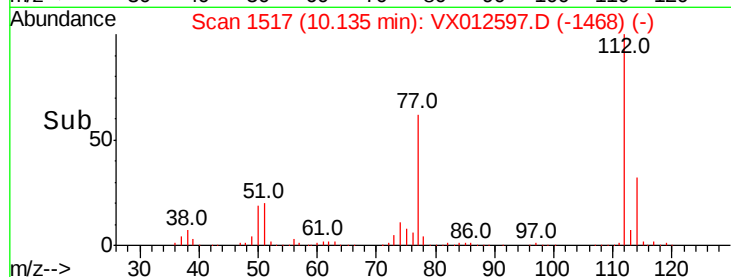
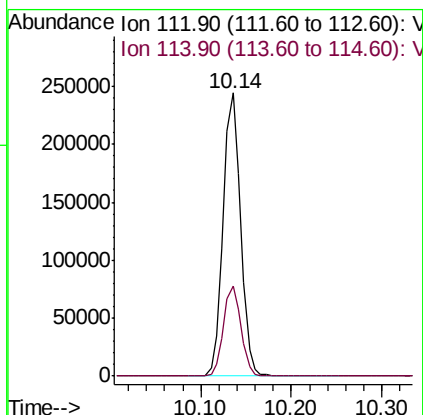
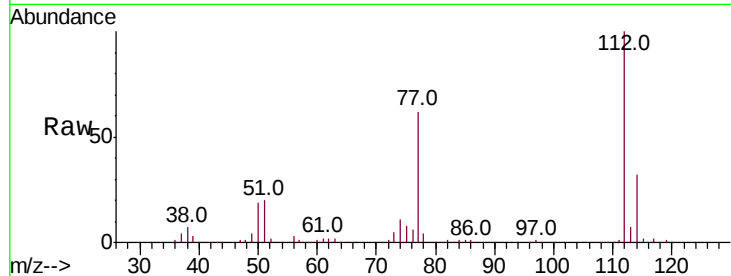




#65
Chlorobenzene
Concen: 59.109 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

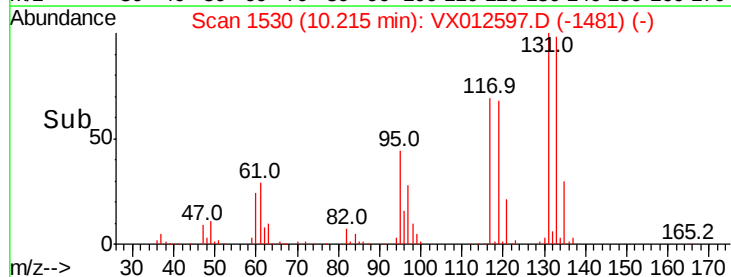
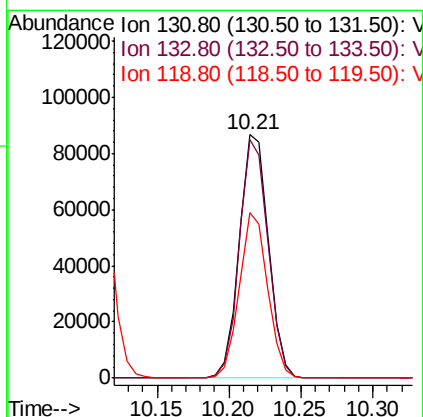
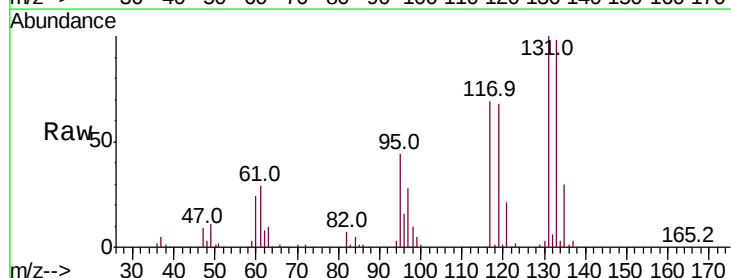
Instrument :
MSVOA_X
ClientSampleId :

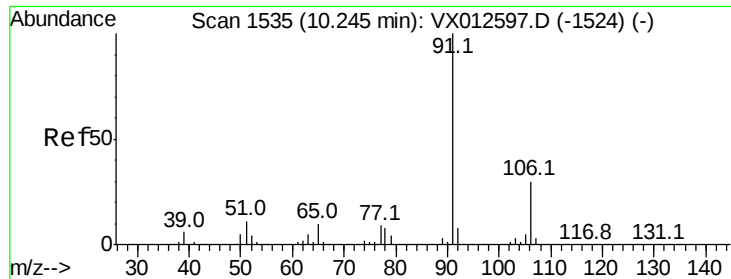
Tot Ion:112 Resp: 328928
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.152 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:131 Resp: 121604
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 66.0 33.0 99.0

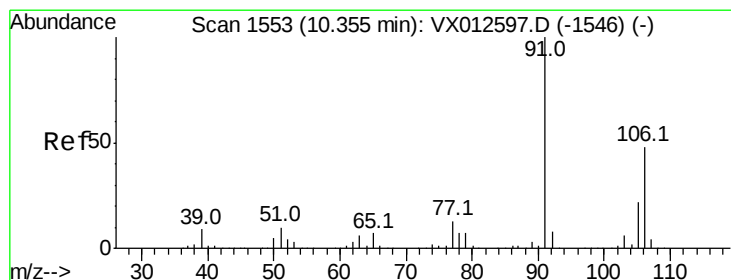
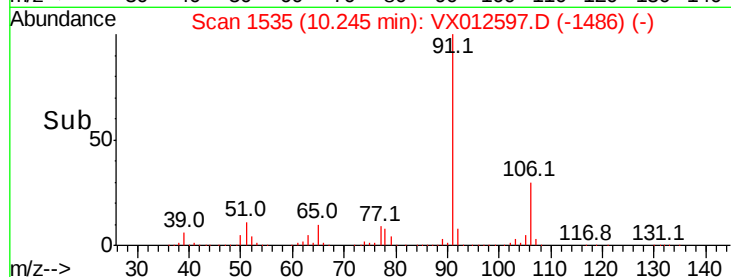
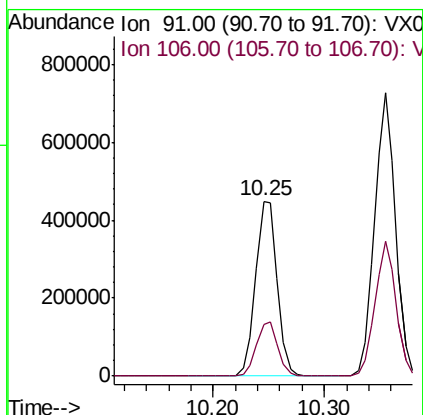
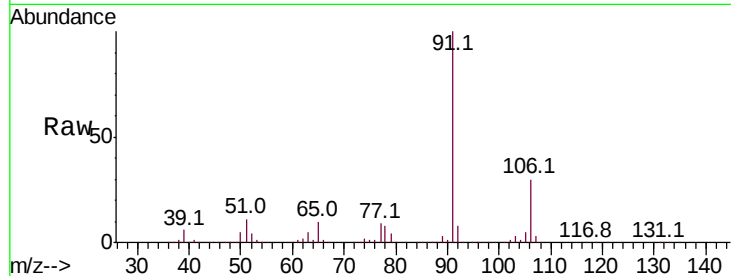




#67
Ethyl Benzene
Concen: 62.919 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

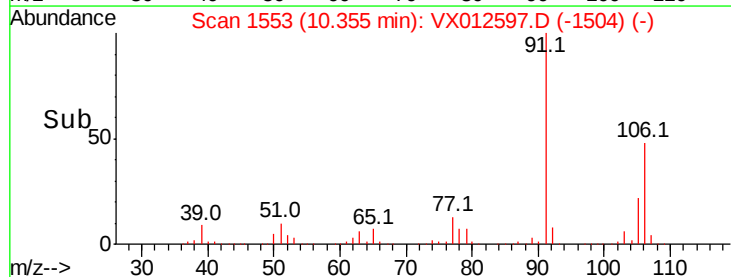
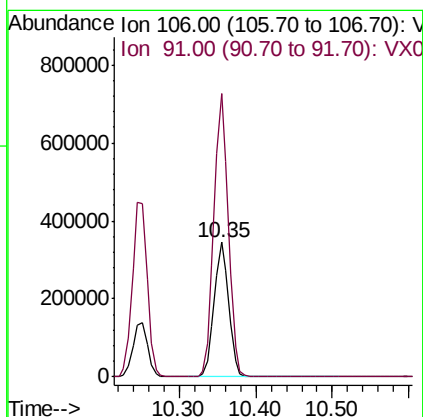
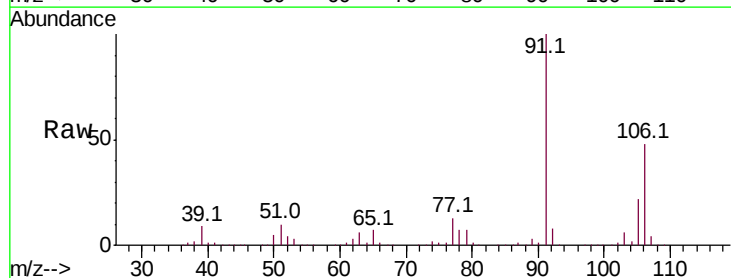
Instrument :
MSVOA_X
ClientSampled :

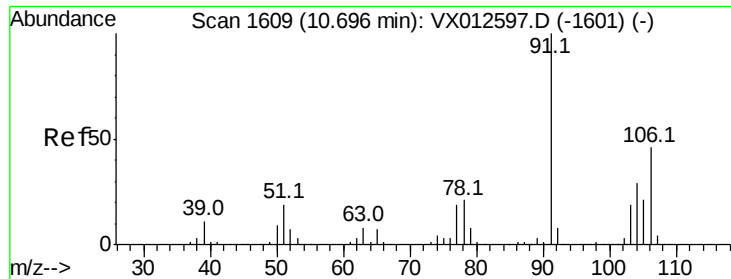
Tot Ion: 91 Resp: 606318
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 129.109 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 106 Resp: 455577
Ion Ratio Lower Upper
106 100
91 209.1 167.3 250.9

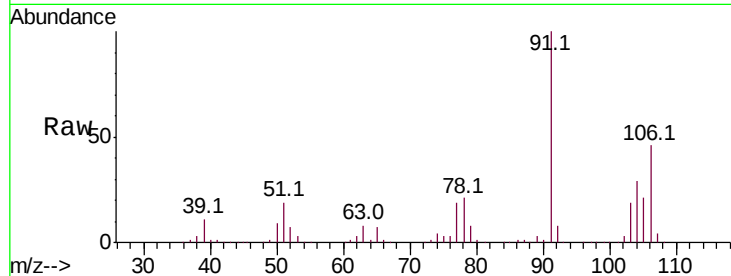




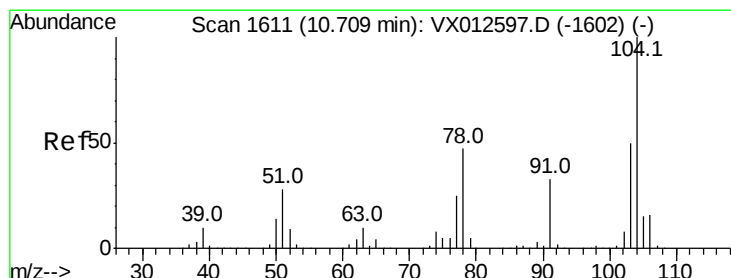
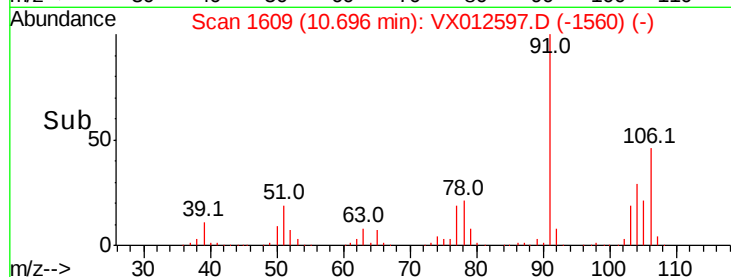
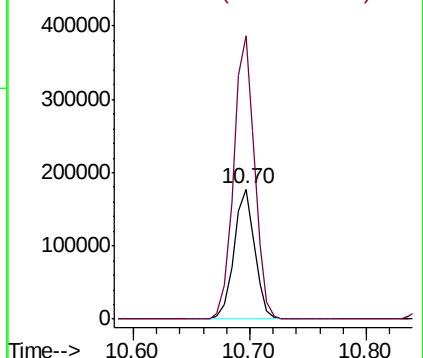
#69
o-Xylene
Concen: 61.294 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 219392
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0

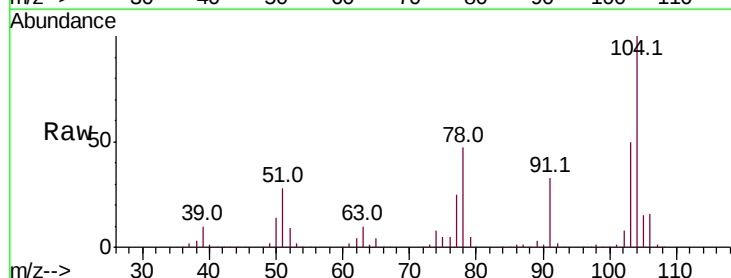


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

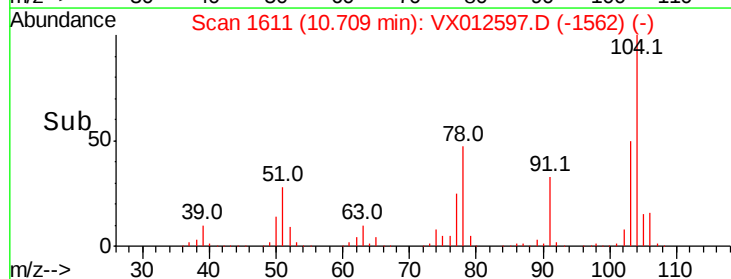
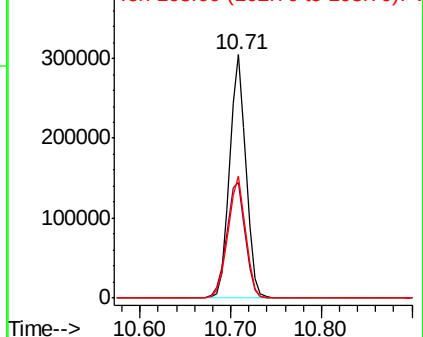


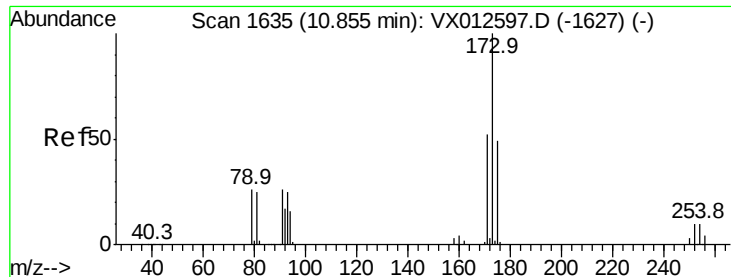
#70
Styrene
Concen: 60.270 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:104 Resp: 379069
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 54.3 43.4 65.2



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

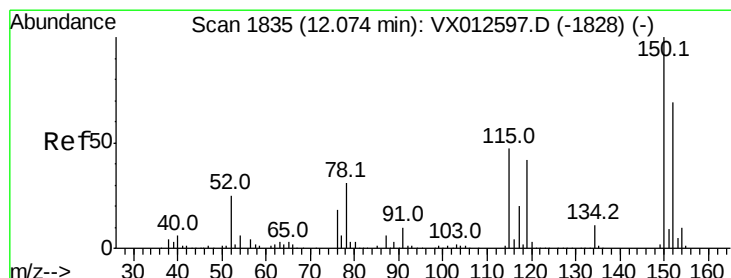
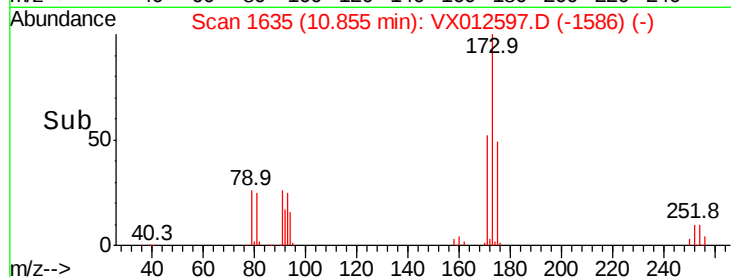
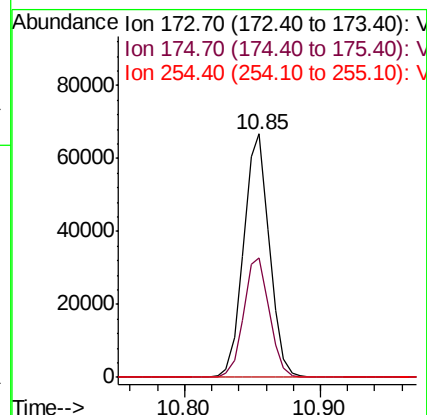
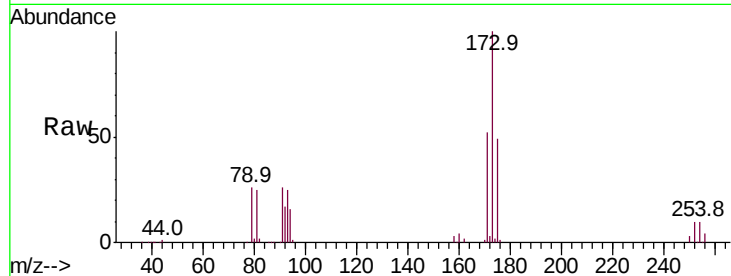




#71
Bromoform
Concen: 52.943 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

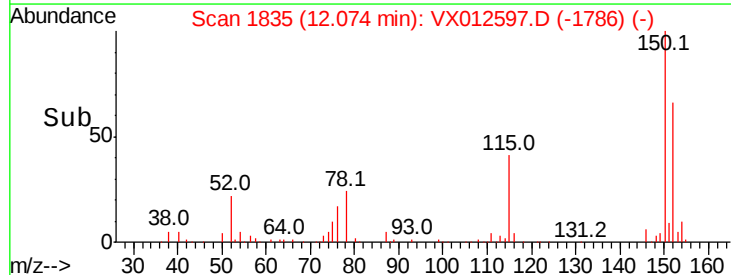
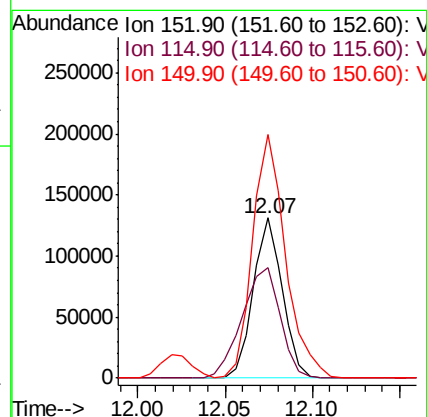
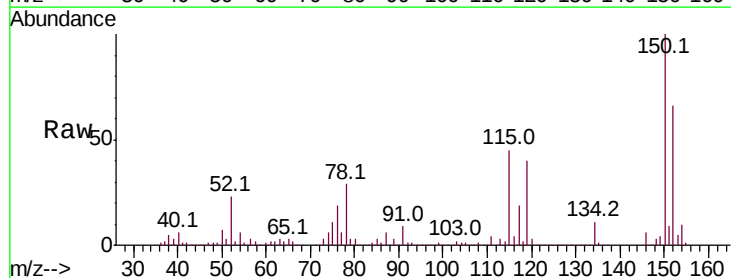
Instrument :
MSVOA_X
ClientSampled :

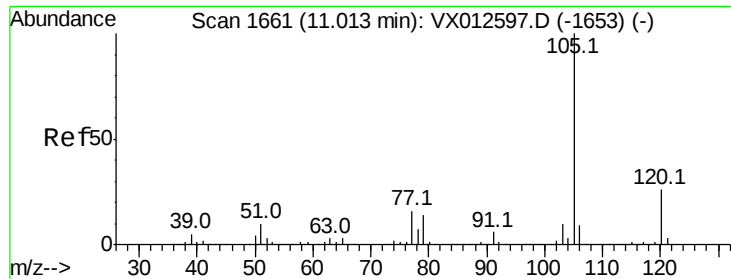
Tot Ion:173 Resp: 87696
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:152 Resp: 152115
Ion Ratio Lower Upper
152 100
115 90.4 45.2 135.6
150 173.1 0.0 346.2

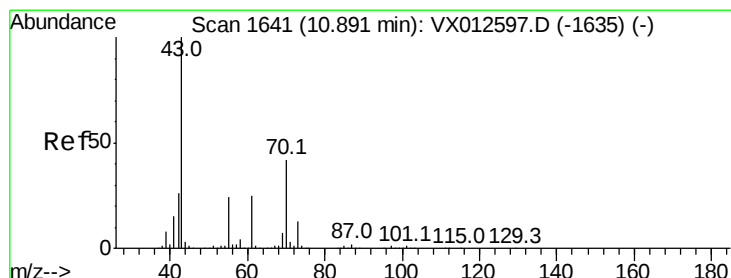
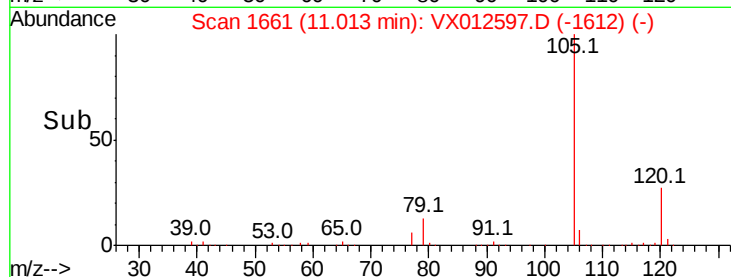
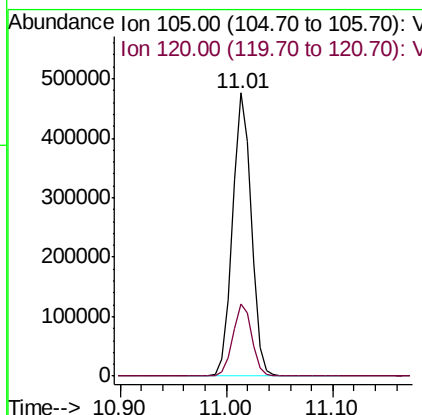
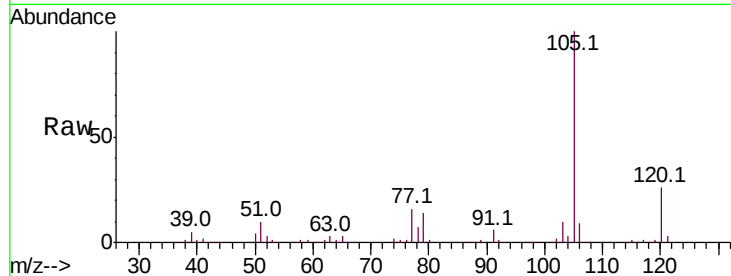




#73
Isopropylbenzene
Concen: 60.116 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

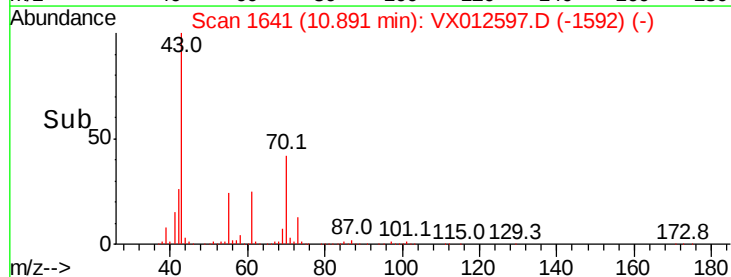
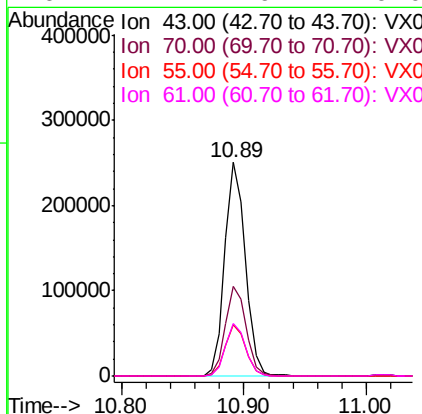
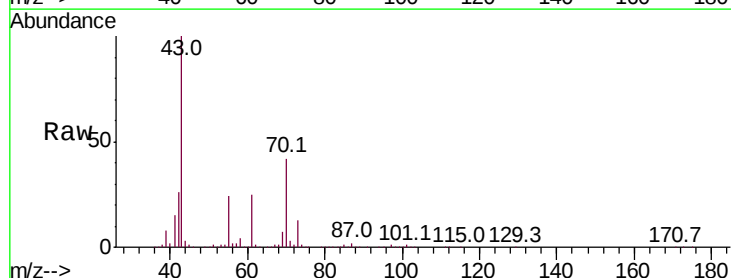
Instrument :
MSVOA_X
ClientSampled :

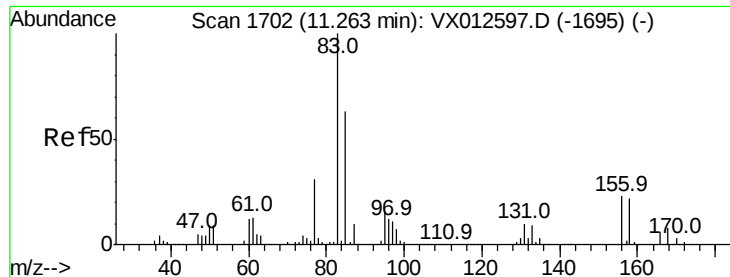
Tot Ion:105 Resp: 590681
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 56.304 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 43 Resp: 291955
Ion Ratio Lower Upper
43 100
70 42.3 33.8 50.8
55 24.0 19.2 28.8
61 24.2 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.651 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

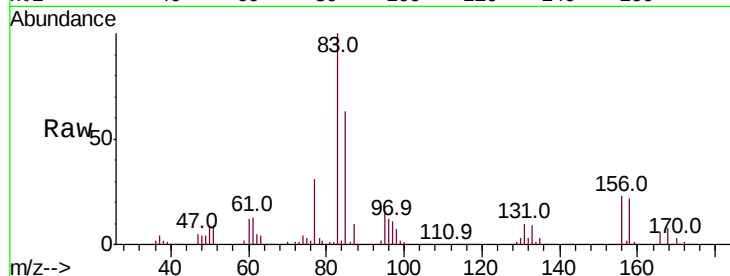
Tot Ion: 83 Resp: 197353

Ion Ratio Lower Upper

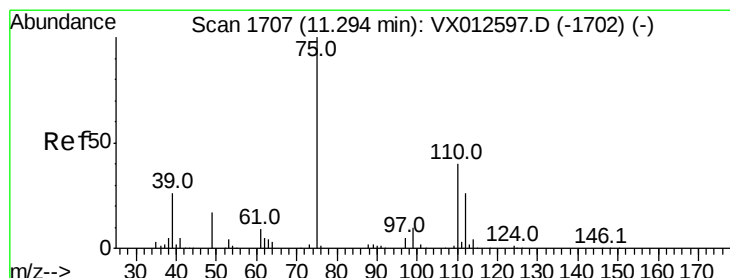
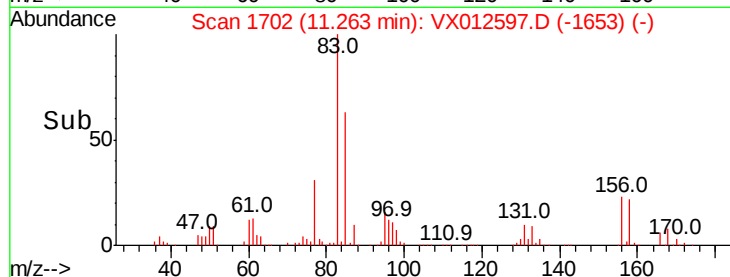
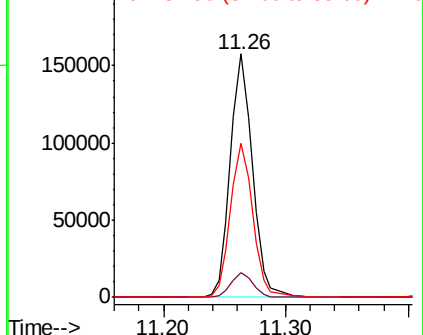
83 100

131 10.3 5.1 15.4

85 64.1 32.0 96.2



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: 69.791 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012597.D

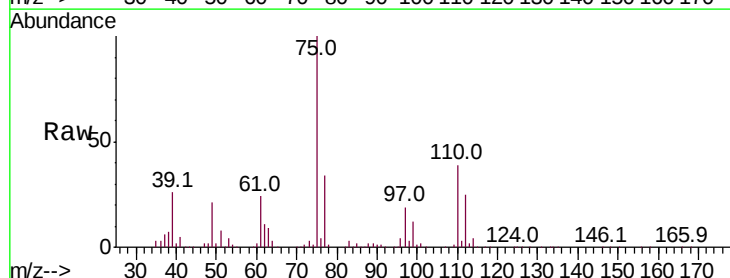
Acq: 23 Sep 2019 11:19

Tgt Ion: 75 Resp: 245626

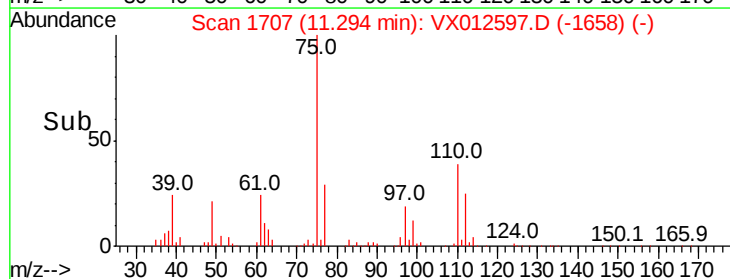
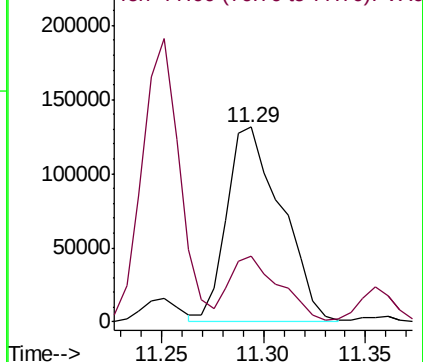
Ion Ratio Lower Upper

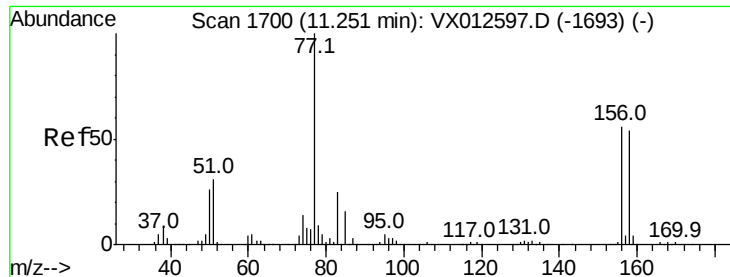
75 100

77 30.8 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 56.436 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

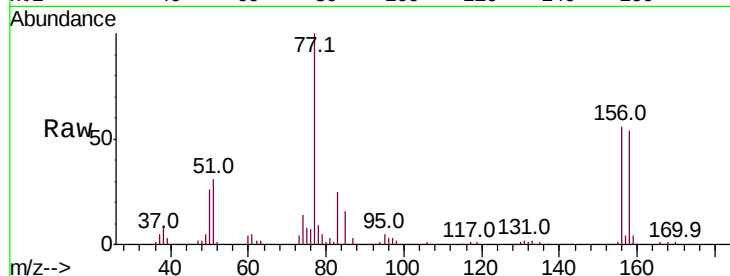
Tot Ion:156 Resp: 133451

Ion Ratio Lower Upper

156 100

77 182.4 91.2 273.6

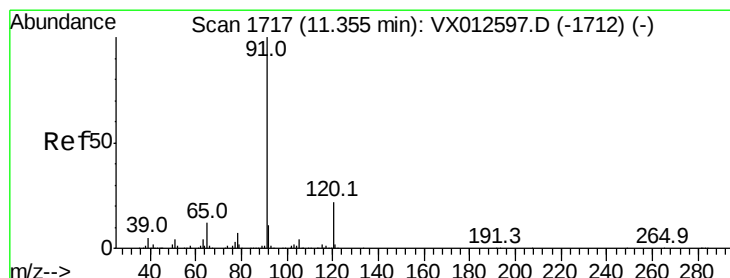
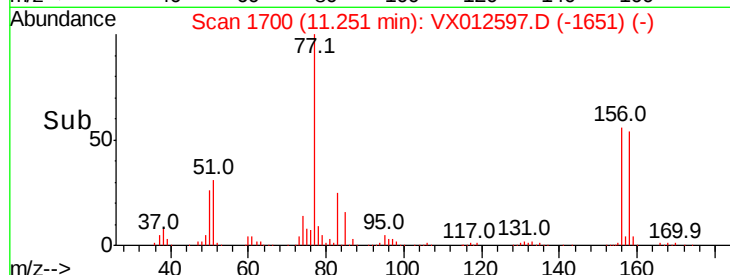
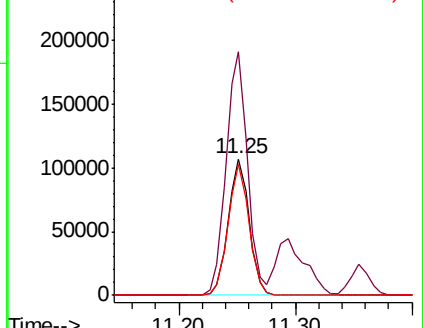
158 96.1 48.0 144.2



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: 60.742 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012597.D

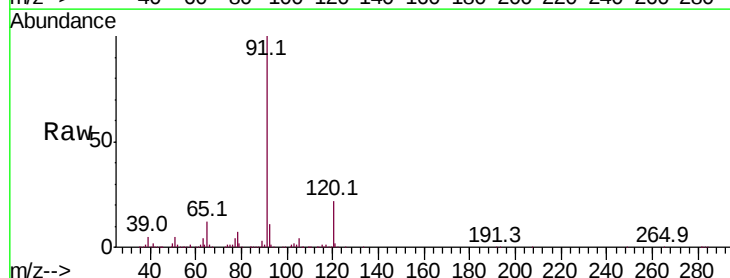
Acq: 23 Sep 2019 11:19

Tgt Ion: 91 Resp: 665329

Ion Ratio Lower Upper

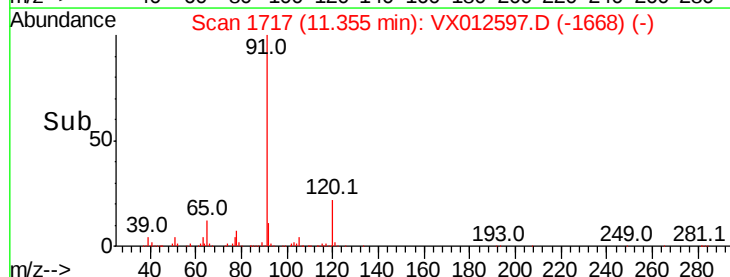
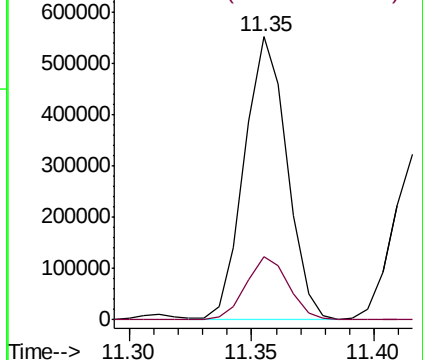
91 100

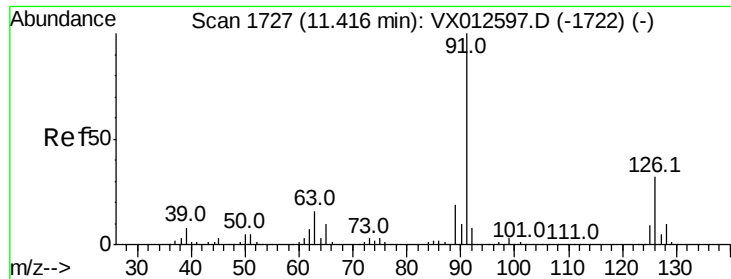
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

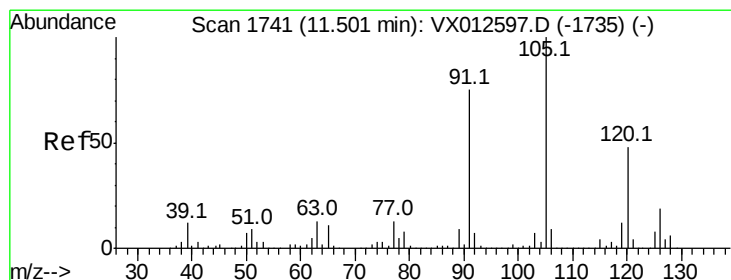
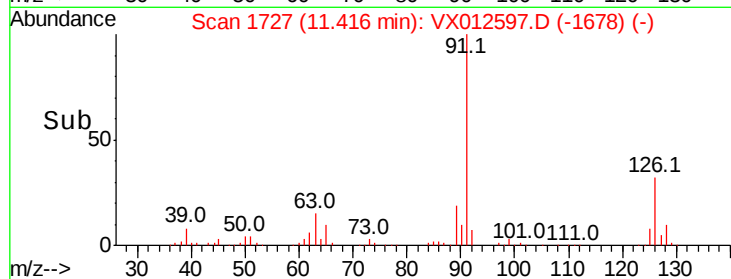
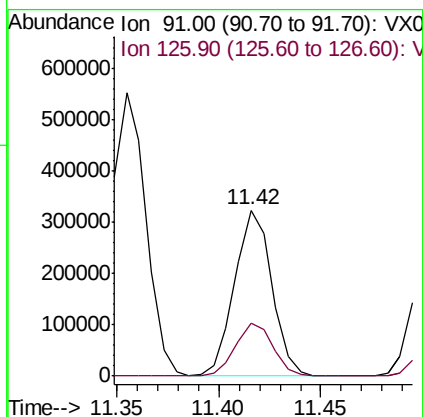
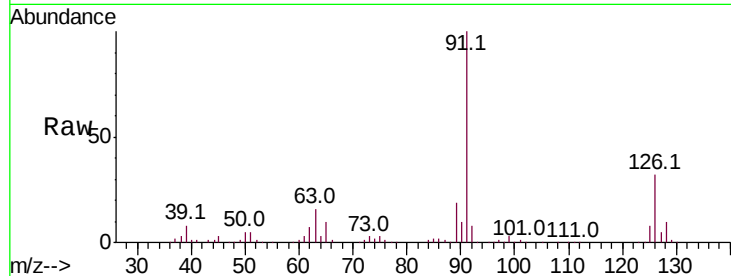




#79
 2-Chlorotoluene
 Concen: 57.488 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

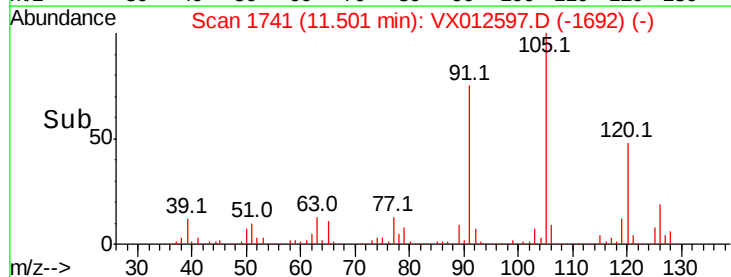
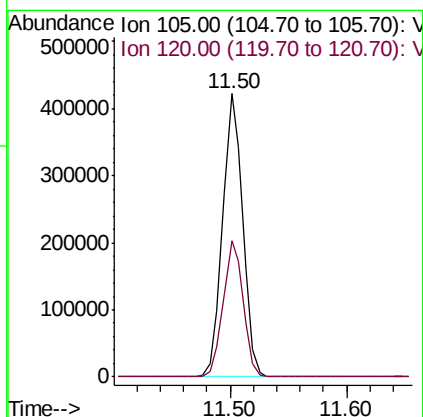
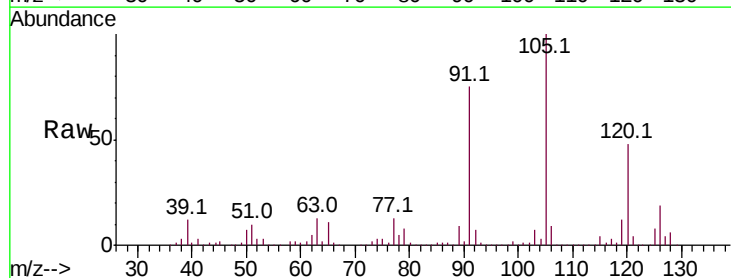
Instrument :
 MSVOA_X
 ClientSampled :

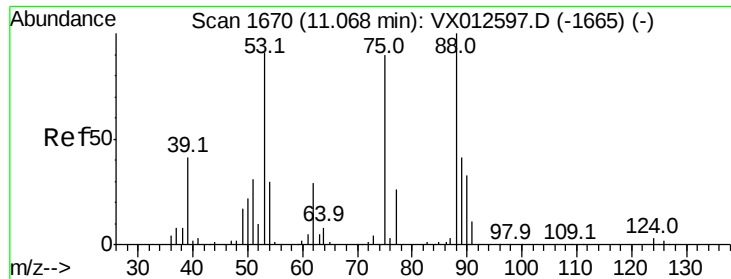
Tot Ion: 91 Resp: 407984
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 59.822 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion: 105 Resp: 499590
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 58.265 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

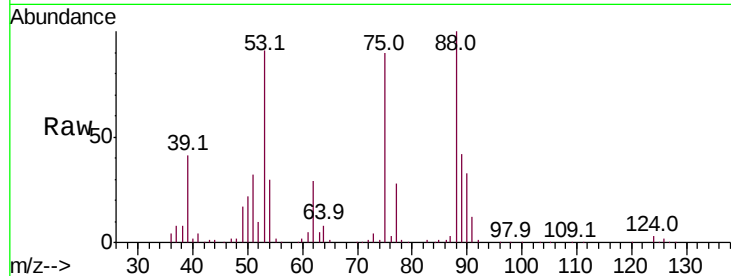
Tot Ion: 75 Resp: 69803

Ion Ratio Lower Upper

75 100

53 99.4 79.5 119.3

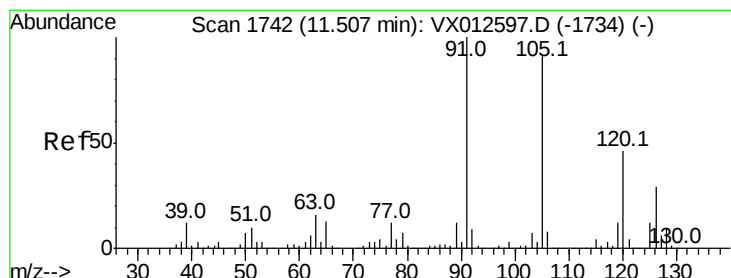
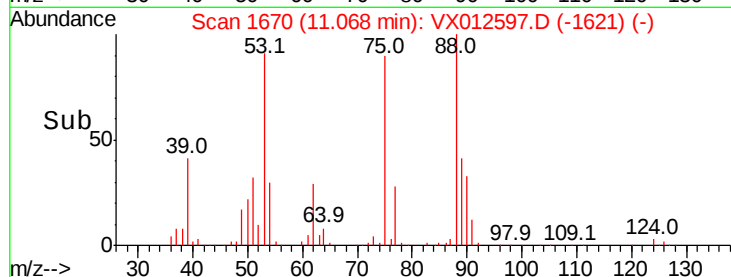
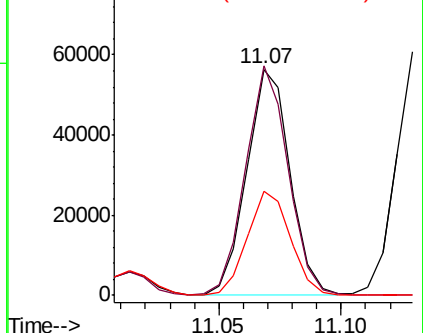
89 46.0 36.8 55.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 58.337 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012597.D

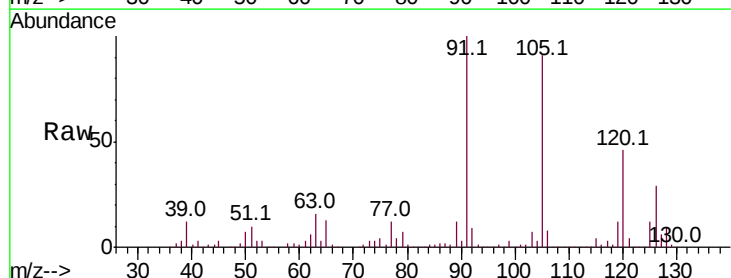
Acq: 23 Sep 2019 11:19

Tgt Ion: 91 Resp: 474652

Ion Ratio Lower Upper

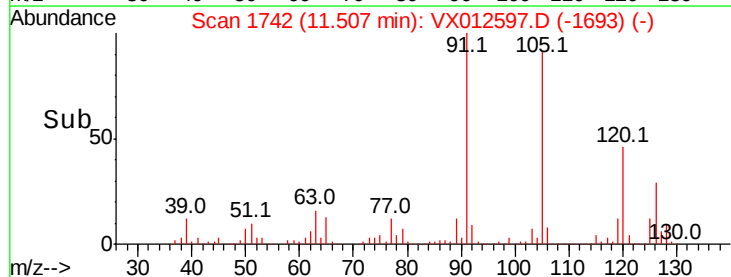
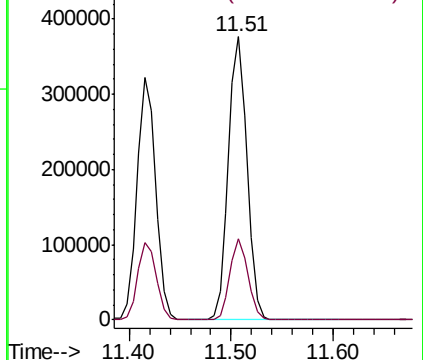
91 100

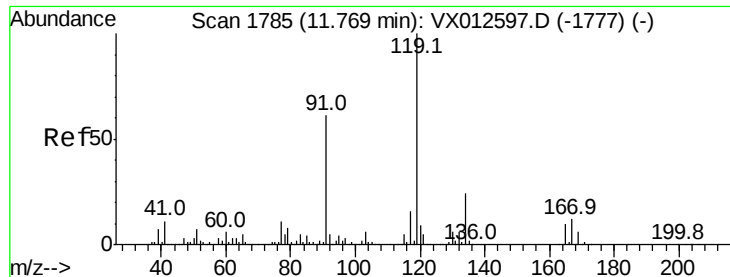
126 27.8 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

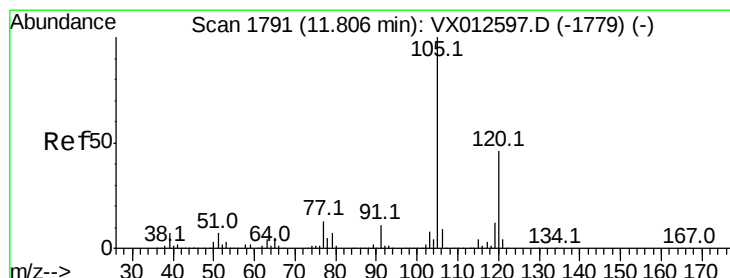
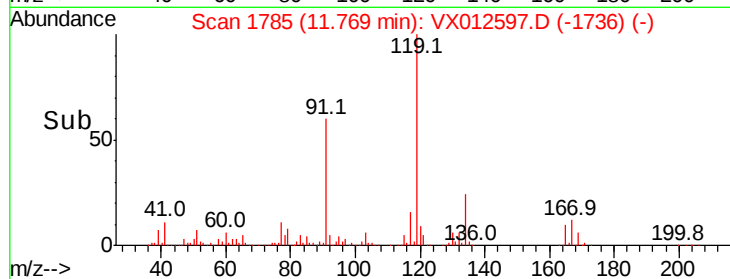
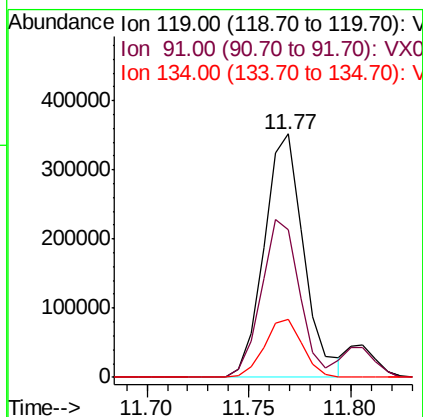
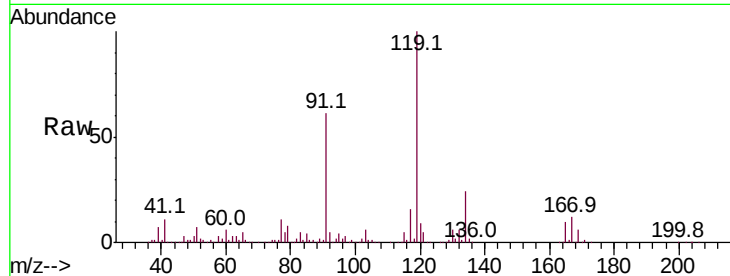




#83
tert-Butylbenzene
Concen: 54.083 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

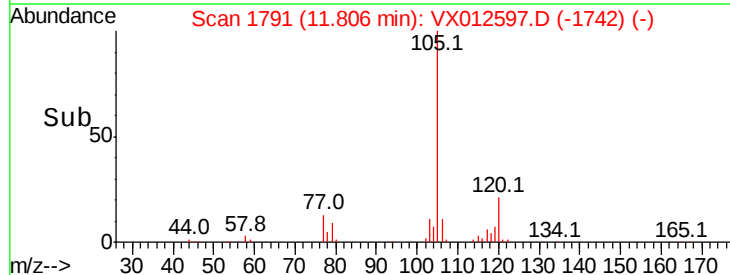
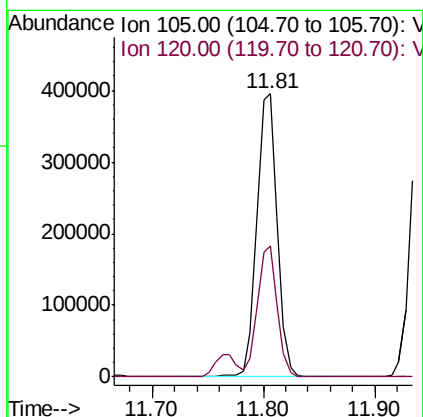
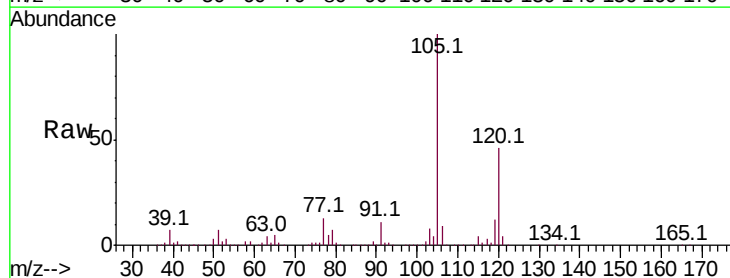
Instrument :
MSVOA_X
ClientSampleId :

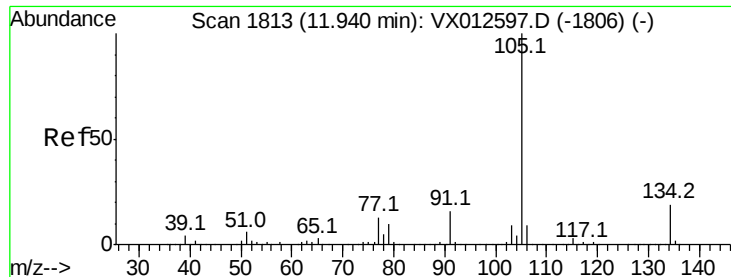
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.3	31.1	93.5
134	23.0	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 59.021 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.8





#85

sec-Butylbenzene

Concen: 57.617 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

Instrument :

MSVOA_X

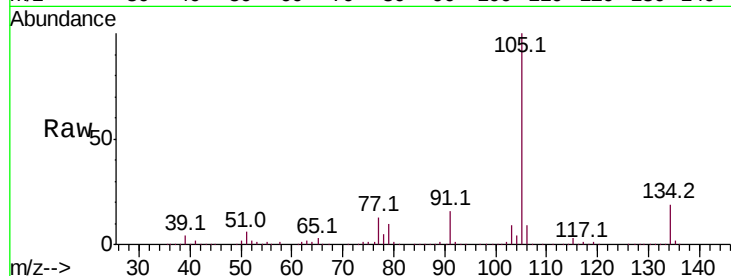
ClientSampled :

Tot Ion:105 Resp: 563023

Ion Ratio Lower Upper

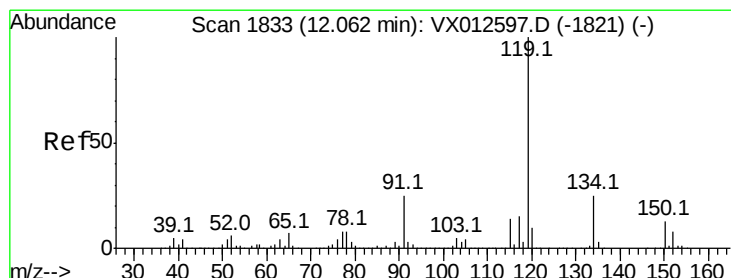
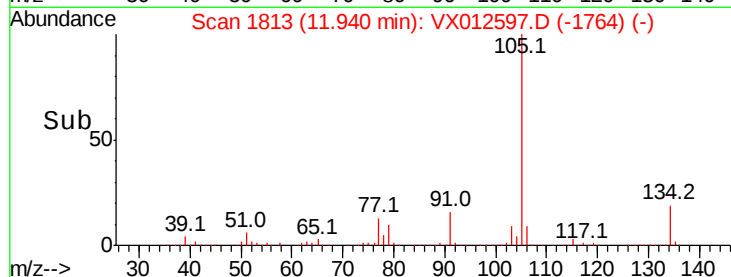
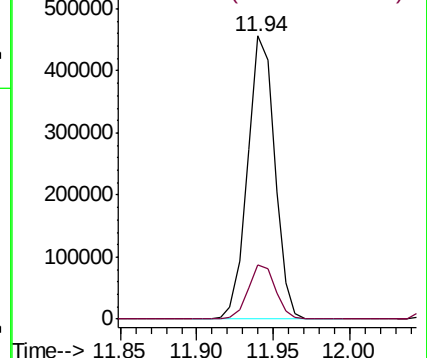
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.690 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012597.D

Acq: 23 Sep 2019 11:19

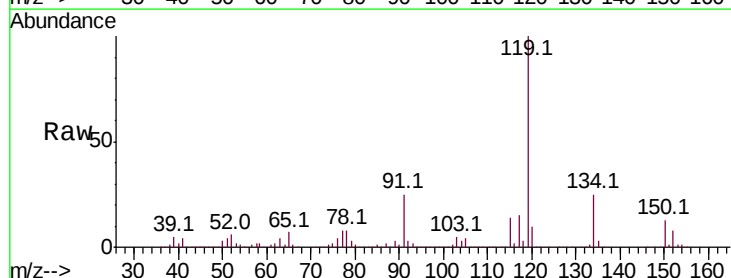
Tgt Ion:119 Resp: 516967

Ion Ratio Lower Upper

119 100

134 24.9 12.4 37.4

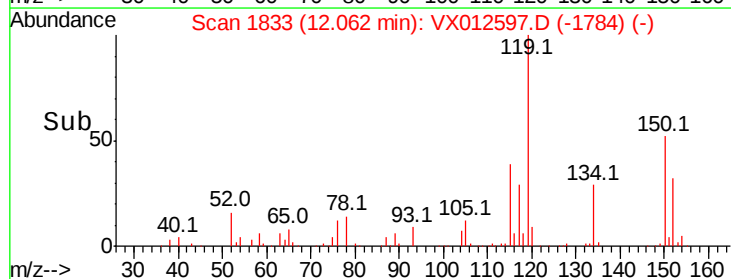
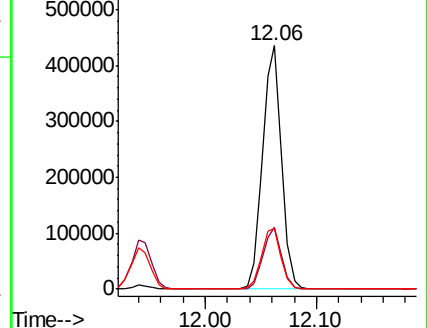
91 25.6 12.8 38.4

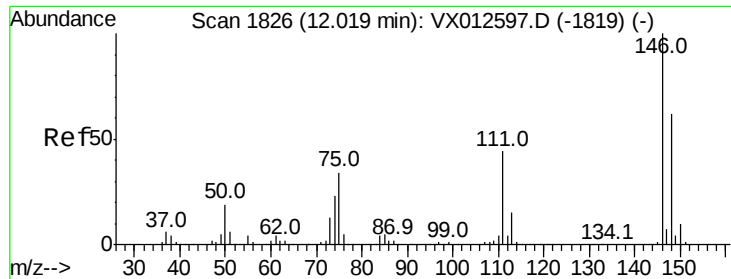


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

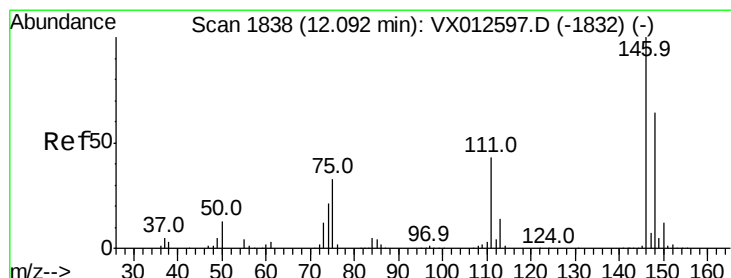
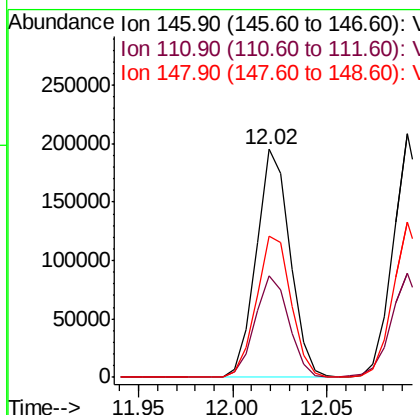
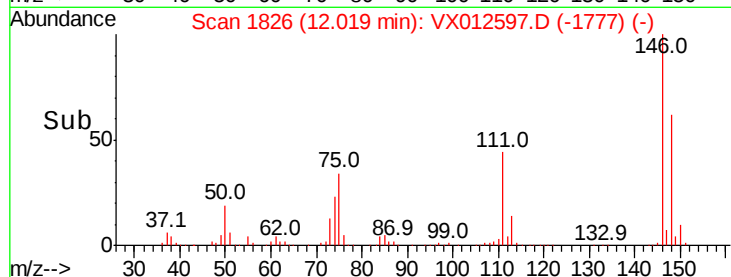
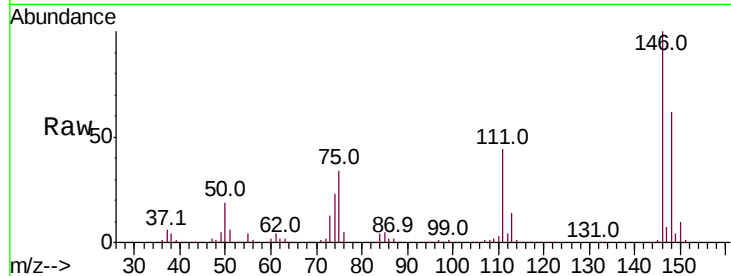




#87
 1,3-Dichlorobenzene
 Concen: 54.800 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

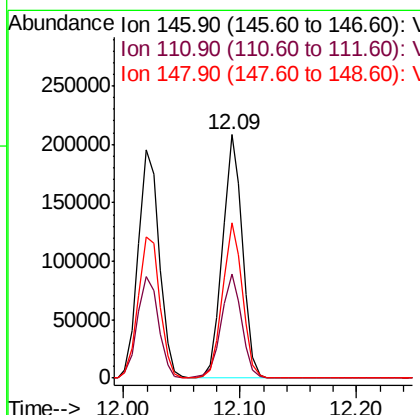
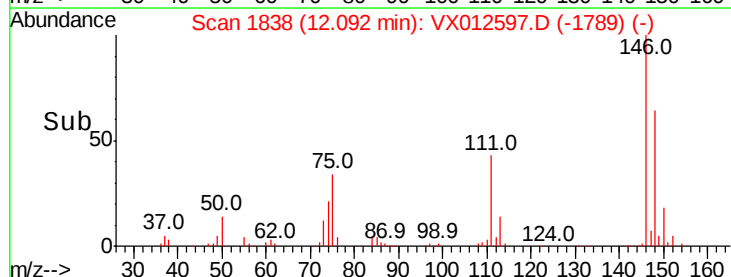
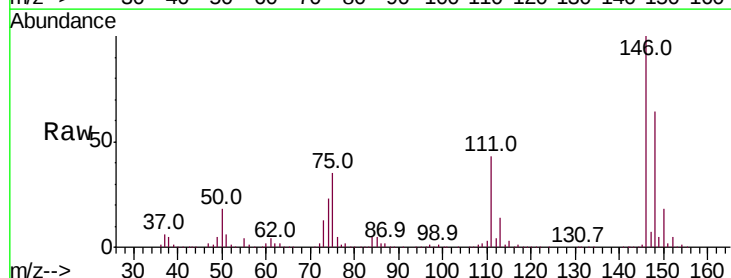
Instrument :
 MSVOA_X
 ClientSampleId :

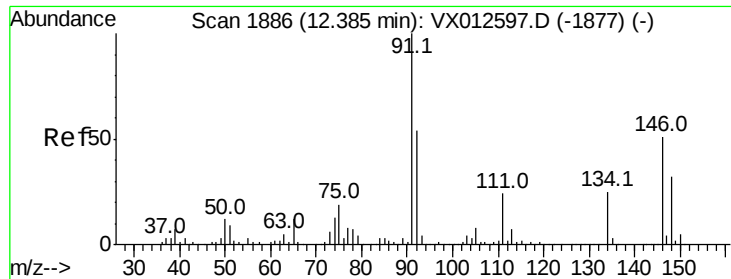
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.3	66.9
148	63.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 53.864 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	63.5	31.8	95.3

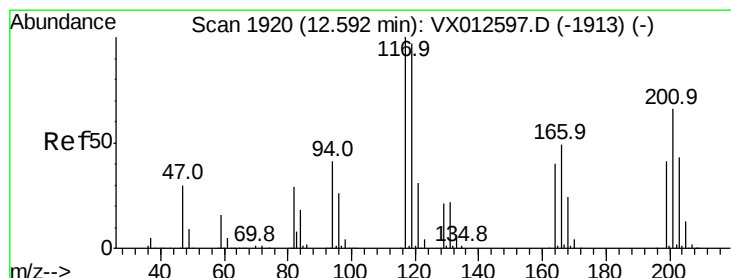
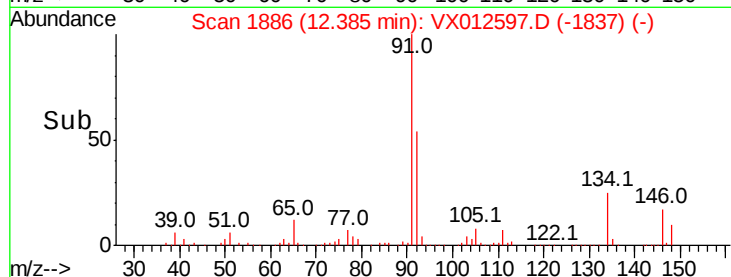
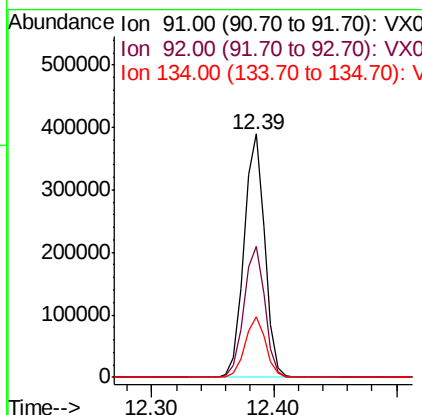
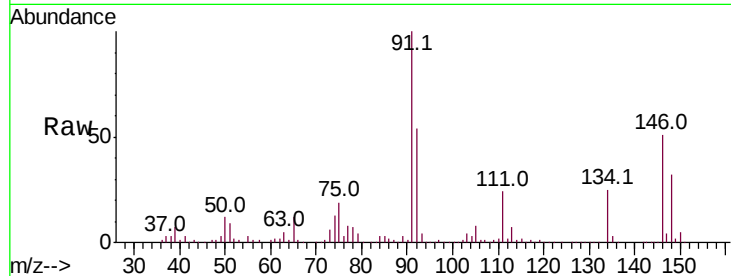




#89
n-Butylbenzene
Concen: 56.824 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

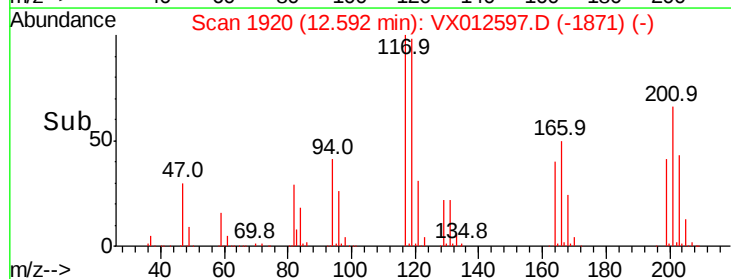
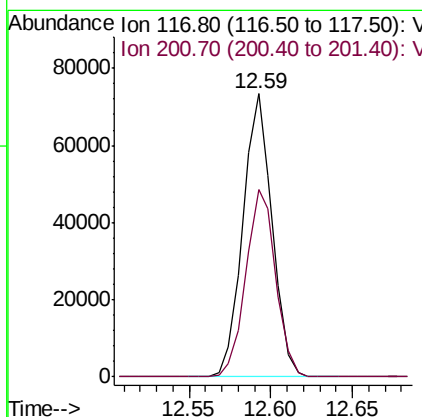
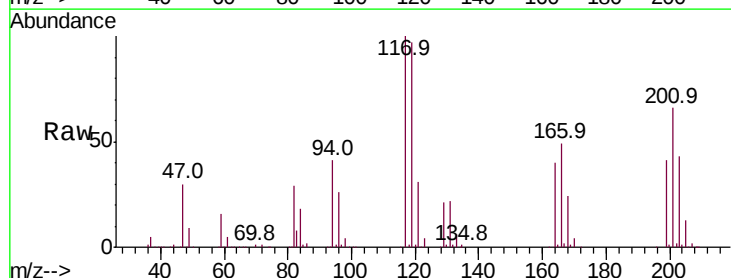
Instrument :
MSVOA_X
ClientSampleId :

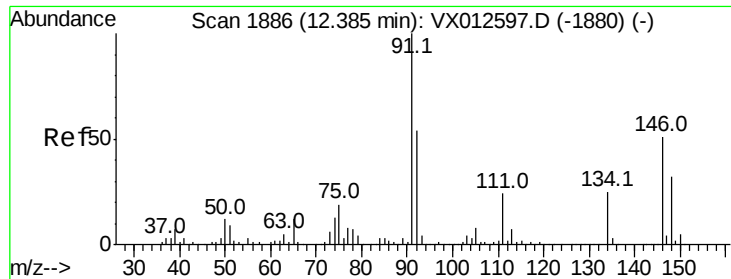
Tot Ion: 91 Resp: 453289
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.6
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 56.191 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion: 117 Resp: 91339
Ion Ratio Lower Upper
117 100
201 67.9 34.0 101.8

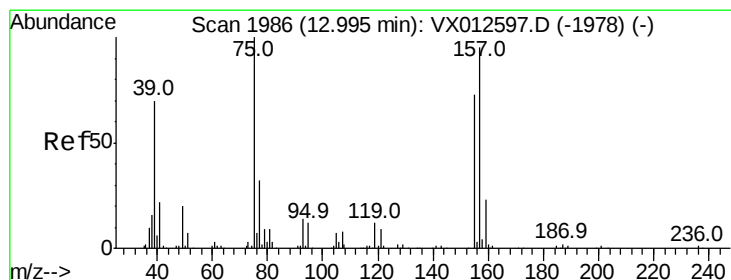
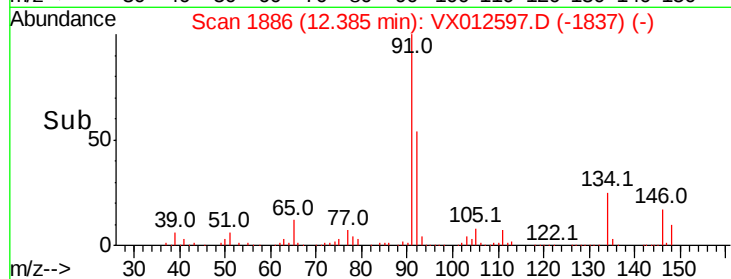
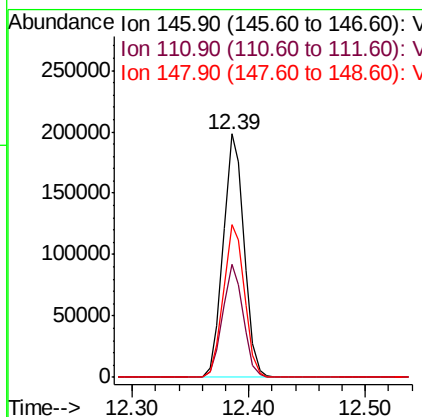
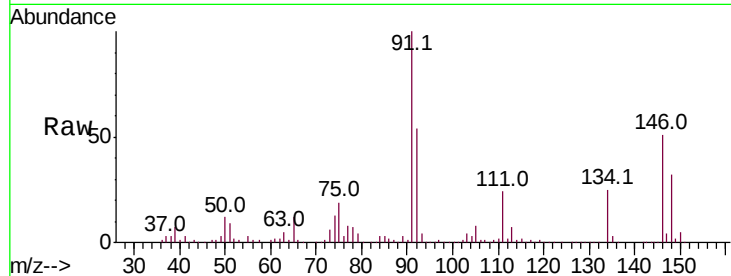




#91
 1,2-Dichlorobenzene
 Concen: 53.265 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

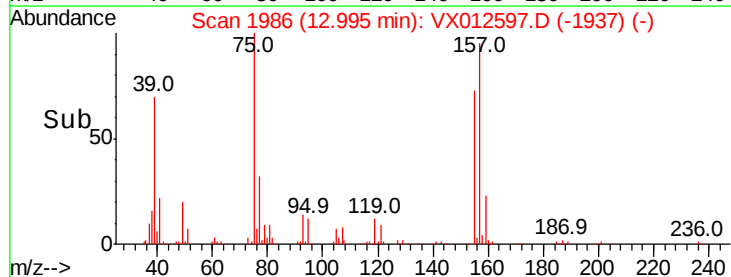
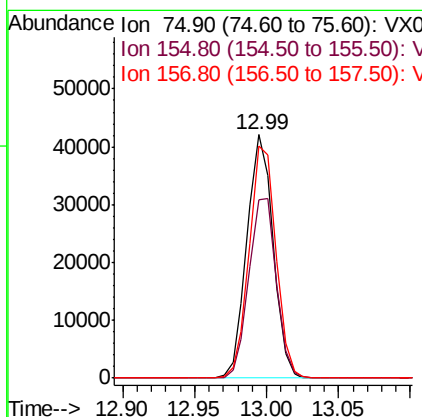
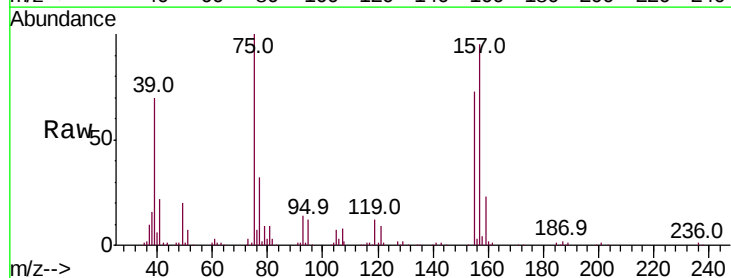
Instrument :
 MSVOA_X
 ClientSampleId :

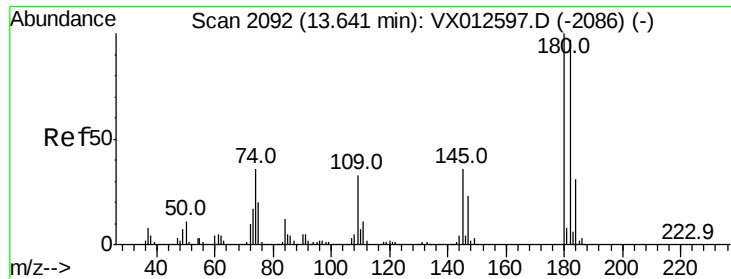
Tot Ion:146 Resp: 244205
 Ion Ratio Lower Upper
 146 100
 111 45.6 22.8 68.4
 148 63.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.538 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion: 75 Resp: 52788
 Ion Ratio Lower Upper
 75 100
 155 77.4 38.7 116.1
 157 97.1 48.5 145.6

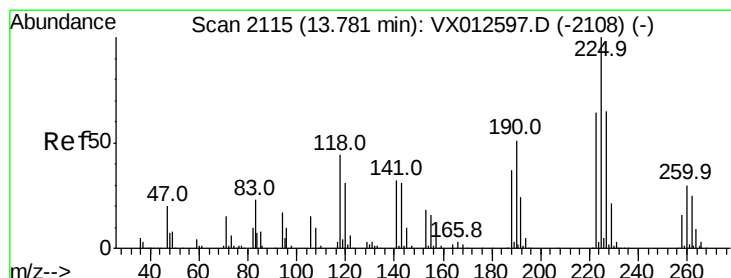
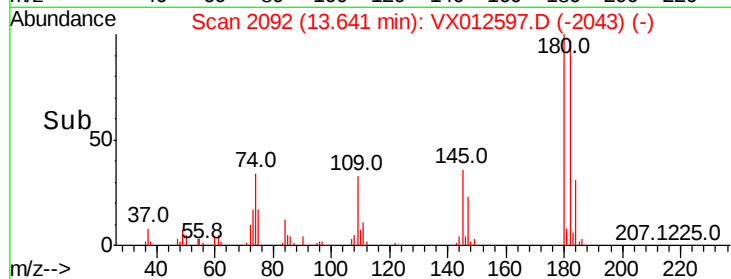
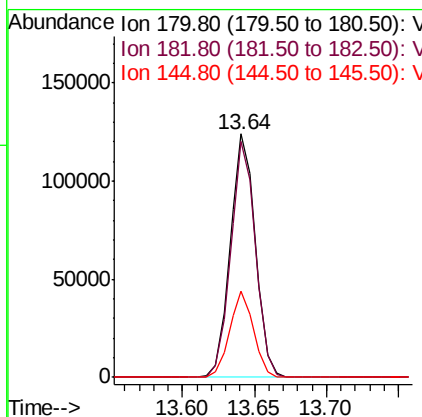
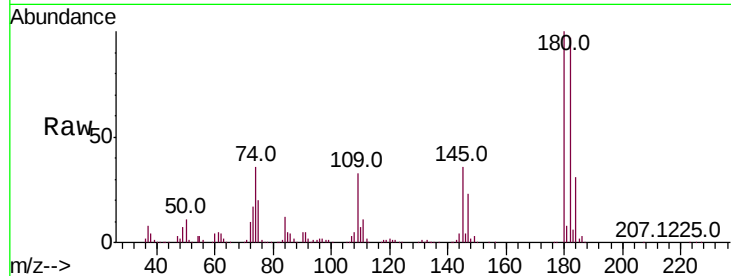




#93
 1,2,4-Trichlorobenzene
 Concen: 51.971 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

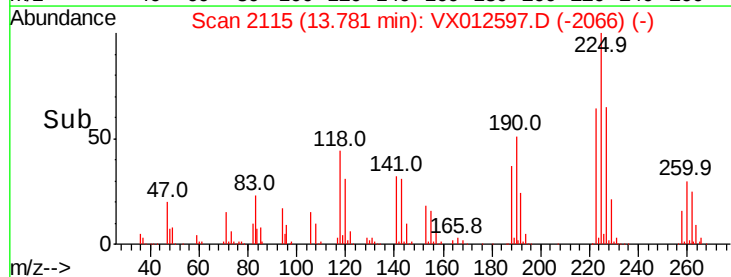
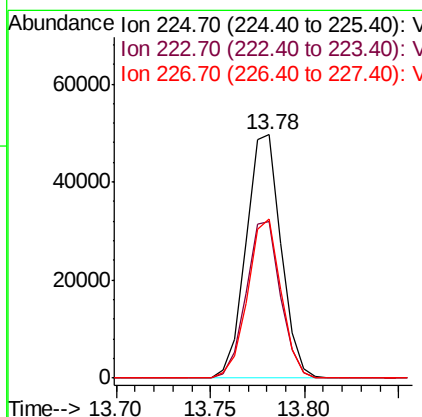
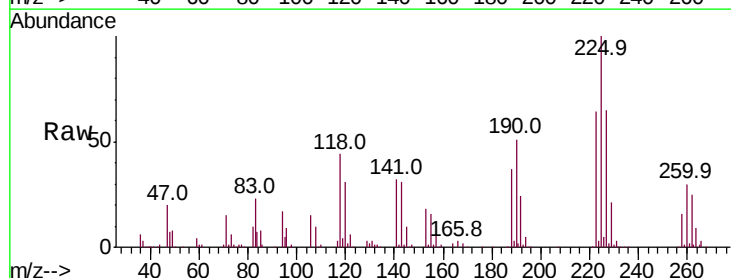
Instrument :
 MSVOA_X
 ClientSampleId :

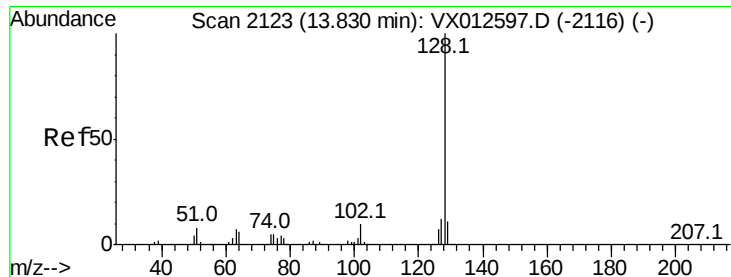
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	34.2	17.1	51.3



#94
 Hexachlorobutadiene
 Concen: 46.977 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012597.D
 Acq: 23 Sep 2019 11:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	62.3	31.1	93.5

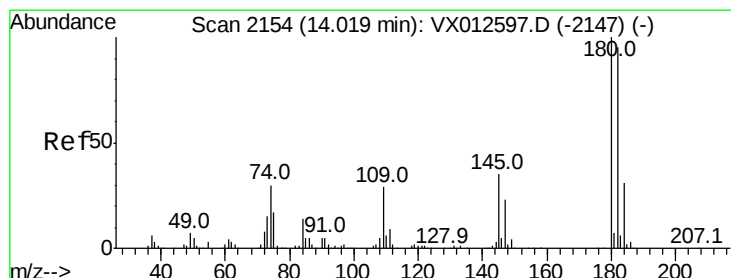
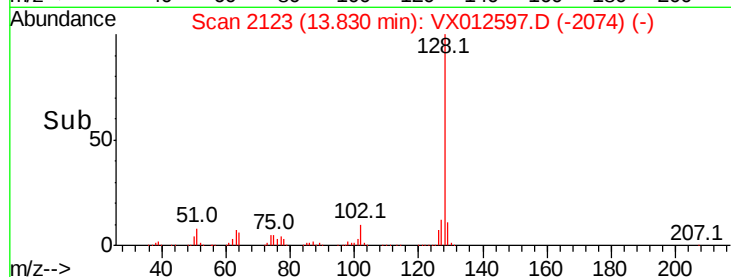
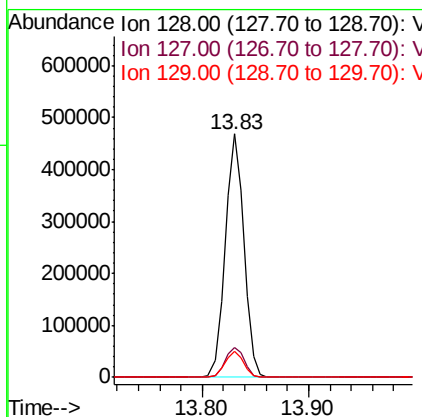
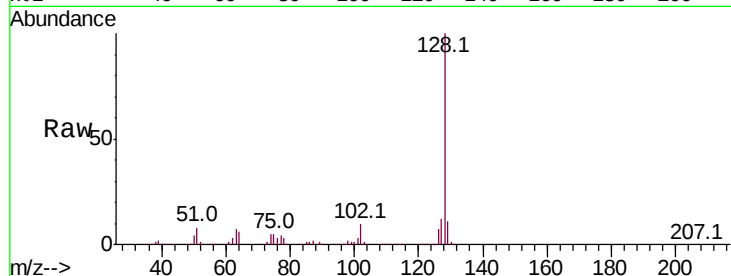




#95
Naphthalene
Concen: 55.065 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 574259
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.023 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX012597.D
Acq: 23 Sep 2019 11:19

Tgt Ion:180 Resp: 154435
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.3
145 36.7 18.4 55.0

