

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010977.D
 Acq On : 18 Jul 2019 22:45
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 03:19:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	38775	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	216317	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	193469	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	77508	25.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	83.47%
60) 4-Bromofluorobenzene	11.13	95	92059	28.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.80%
63) Toluene-d8	8.71	98	258666	28.66	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	53578	24.495	ug/l 100
3) Chloromethane	1.33	50	47112	17.473	ug/l 100
4) Vinyl Chloride	1.41	62	48213	17.878	ug/l 100
5) Bromomethane	1.64	94	29988	17.232	ug/l 100
6) Chloroethane	1.73	64	28503	16.484	ug/l 100
7) Trichlorofluoromethane	1.93	101	79053	22.362	ug/l 100
8) Diethyl Ether	2.19	74	25974	16.933	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43400	20.388	ug/l 100
10) 1,1-Dichloroethene	2.37	96	43832	20.484	ug/l 100
11) Methyl Iodide	2.51	142	53250	22.048	ug/l 100
12) Methyl Acetate	2.78	43	62181	16.149	ug/l 100
13) Acrolein	2.29	56	37531	71.784	ug/l 100
14) Acrylonitrile	3.14	53	121171	73.986	ug/l 100
15) Acetone	2.44	58	34211	73.463	ug/l 100
16) Carbon Disulfide	2.57	76	107809	18.941	ug/l 100
17) Allyl chloride	2.73	41	60940	12.932	ug/l 100
18) Methylene Chloride	2.85	84	48376	18.991	ug/l 100
19) trans-1,2-Dichloroethene	3.17	96	46281	20.281	ug/l 100
20) Diisopropyl ether	3.85	45	130910	13.972	ug/l 100
21) 1,1-Dichloroethane	3.70	63	75212	16.127	ug/l 100
22) cis-1,2-Dichloroethene	4.60	96	52143	19.224	ug/l 100
23) tert-Butyl Alcohol	3.04	59	61105	85.175	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	137463	17.020	ug/l 100
25) Chloroform	5.21	83	81792	18.689	ug/l 100
26) Cyclohexane	5.58	56	69596	16.103	ug/l # 100
29) 1,1-Dichloropropene	5.80	75	60150	19.112	ug/l 100
30) 2-Butanone	4.67	43	162969	70.249	ug/l 100
31) 2,2-Dichloropropane	4.59	77	50476	15.212	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	70084	20.129	ug/l 100
33) Carbon Tetrachloride	5.78	117	59198	20.344	ug/l 100
34) Benzene	6.15	78	180808	18.745	ug/l 100
35) Methacrylonitrile	5.04	41	32525	13.493	ug/l 100
36) 1,2-Dichloroethane	6.20	62	62663	18.030	ug/l 100
37) Trichloroethene	7.21	130	51792	21.427	ug/l 100
38) Methylcyclohexane	7.46	83	75574	19.333	ug/l 100
39) 1,2-Dichloropropane	7.51	63	44776	16.661	ug/l 100
40) Dibromomethane	7.66	93	32708	20.479	ug/l 100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	56533	17.822	ug/l	100
42) Vinyl Acetate	3.81	43	522749	68.606	ug/l	100
43) Ethyl Acetate	4.83	43	60852	14.522	ug/l	100
44) Isopropyl Acetate	6.45	43	99053	14.424	ug/l	100
45) 1,4-Dioxane	7.74	88	27440	385.160	ug/l	100
46) Methyl methacrylate	7.77	41	47758	14.039	ug/l	100
47) n-amyl Acetate	10.90	43	87298	14.131	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	58230	16.004	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	66025	16.489	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	47979	19.788	ug/l	100
51) Ethyl methacrylate	9.18	69	71560	16.546	ug/l	100
52) 1,3-Dichloropropane	9.37	76	77510	18.341	ug/l	100
53) Dibromochloromethane	9.58	129	48731	19.966	ug/l	100
54) 1,2-Dibromoethane	9.67	107	51362	20.439	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	156825	70.946	ug/l	100
56) Bromoform	10.85	173	34744	18.698	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	326244	73.091	ug/l	100
59) 2-Hexanone	9.49	43	250658	71.897	ug/l	100
61) Tetrachloroethene	9.34	164	52278	23.449	ug/l	100
62) Toluene	8.78	91	205973	19.960	ug/l	100
64) Chlorobenzene	10.13	112	130318	20.689	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	46434	20.200	ug/l	100
66) Ethyl Benzene	10.25	91	229433	19.919	ug/l	100
67) m/p-Xylenes	10.36	106	178748	41.924	ug/l	100
68) o-Xylene	10.69	106	86232	20.604	ug/l	100
69) Styrene	10.71	104	142954	19.687	ug/l	100
70) Isopropylbenzene	11.02	105	227013	20.310	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	73503	18.321	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	77440	22.679	ug/l	86
73) Bromobenzene	11.26	156	61337	21.778	ug/l	100
74) n-propylbenzene	11.36	91	254157	19.722	ug/l	100
75) 2-Chlorotoluene	11.42	91	151014	19.589	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	192901	20.327	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	17423	13.091	ug/l	100
78) 4-Chlorotoluene	11.51	91	171714	19.551	ug/l	100
79) tert-butylbenzene	11.77	119	184387	20.141	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	193650	20.338	ug/l	100
81) sec-Butylbenzene	11.94	105	219752	20.179	ug/l	100
82) p-Isopropyltoluene	12.06	119	203200	20.435	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	107291	21.306	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	107515	21.358	ug/l	100
85) n-Butylbenzene	12.38	91	170305	18.932	ug/l	100
86) Hexachloroethane	12.60	117	29271	17.850	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	109471	21.595	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15558	16.942	ug/l	100
89) 1,2,4-Trichlorobenzene	13.65	180	71836	20.076	ug/l	100
90) Hexachlorobutadiene	13.78	225	35405	19.916	ug/l	100
91) Naphthalene	13.83	128	227988	19.750	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	73513	20.314	ug/l	100

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:13:22 2019
Response via : Initial Calibration

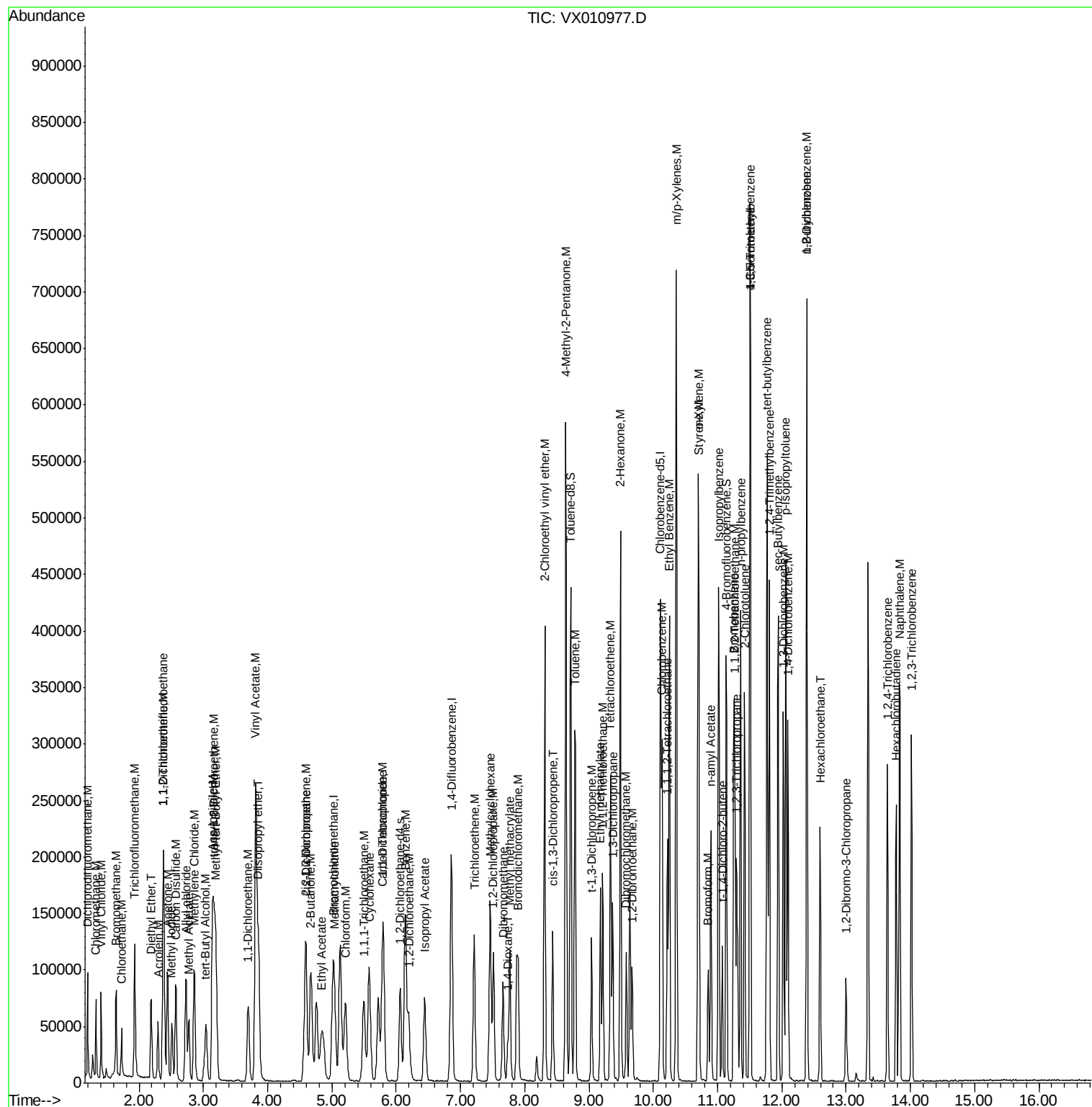
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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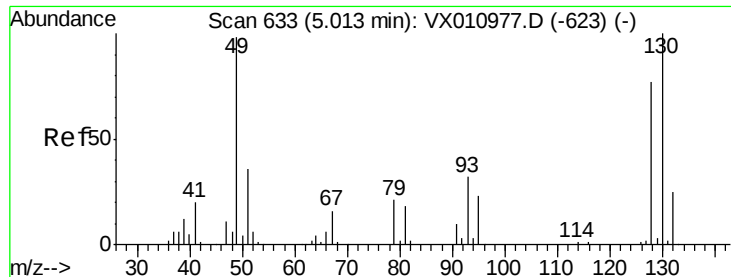
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX071919\
 Data File : VX010977.D
 Acq On : 18 Jul 2019 22:45
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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 03:19:02 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

ClientSampleId :

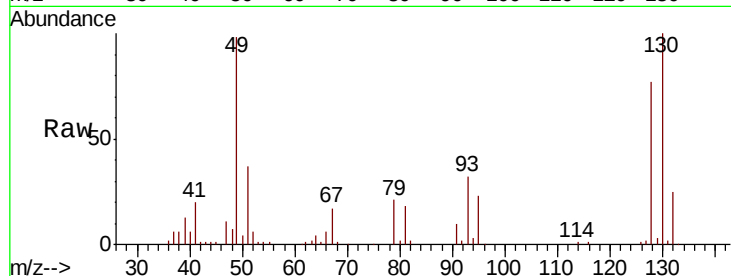
Tot Ion:128 Resp: 38775

Ion Ratio Lower Upper

128 100

49 137.4 0.0 343.5

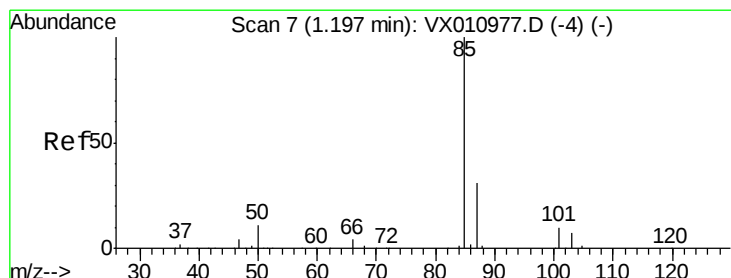
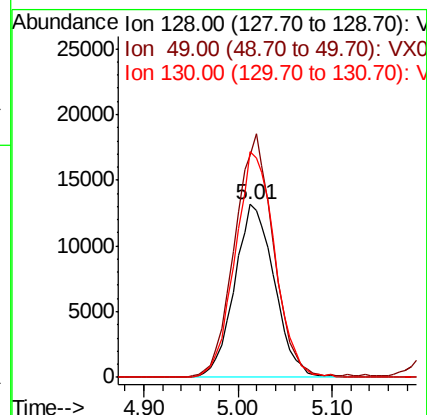
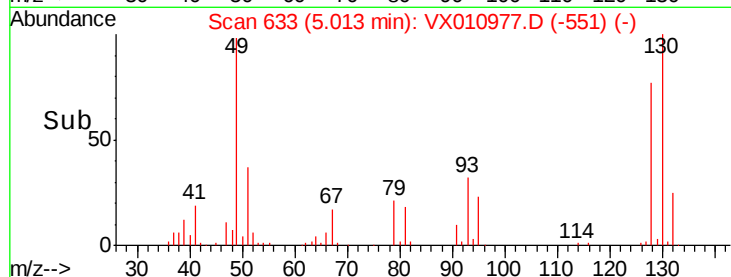
130 129.9 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 24.495 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010977.D

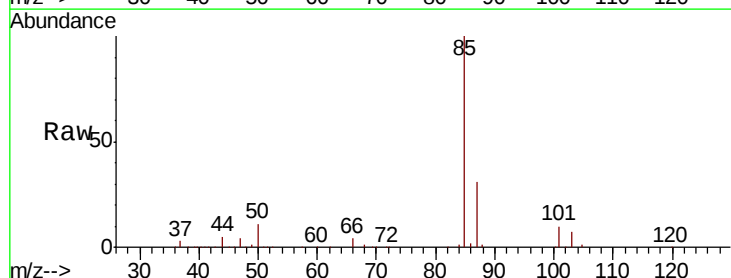
Acq: 18 Jul 2019 22:45

Tgt Ion: 85 Resp: 53578

Ion Ratio Lower Upper

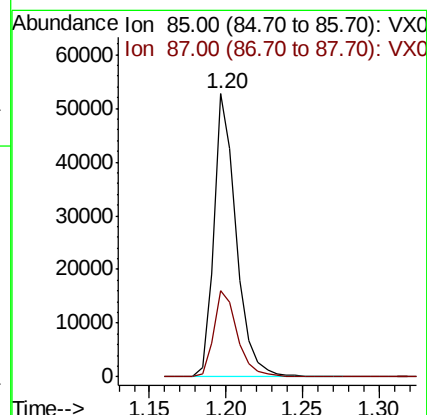
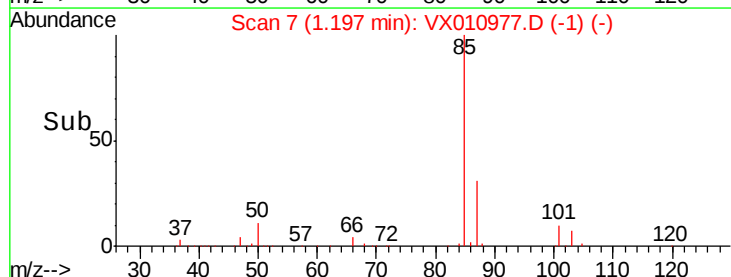
85 100

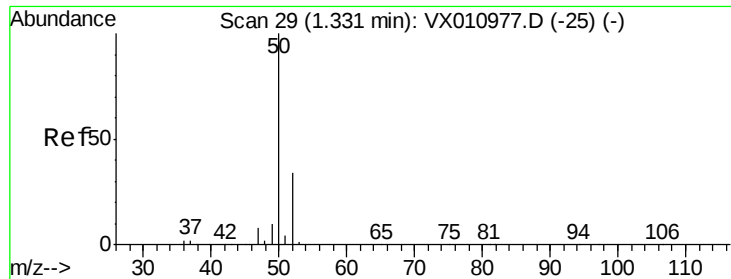
87 30.7 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.473 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

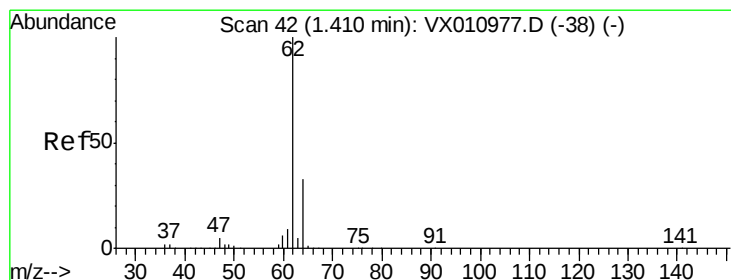
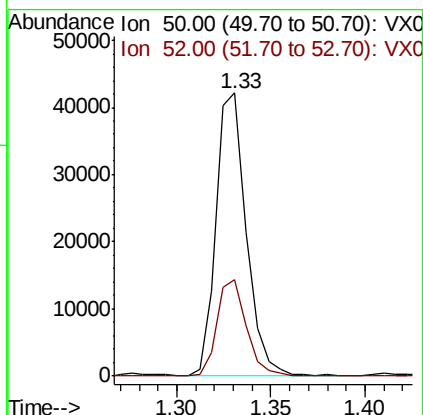
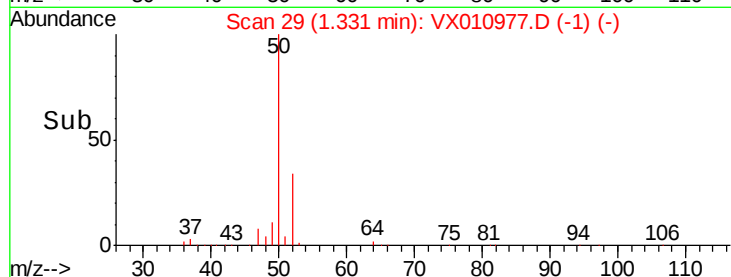
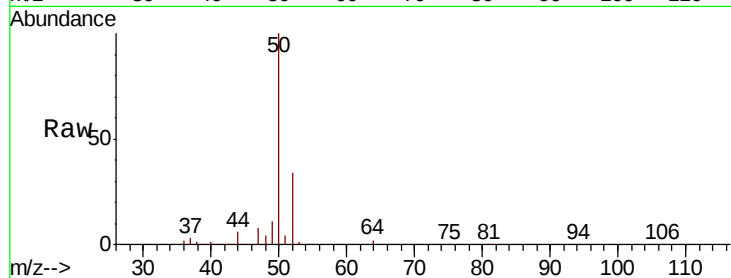
ClientSampleId :

Tot Ion: 50 Resp: 47112

Ion Ratio Lower Upper

50 100

52 34.1 27.3 40.9



#4

Vinyl Chloride

Concen: 17.878 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010977.D

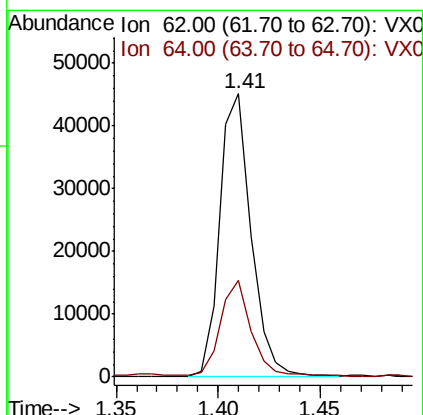
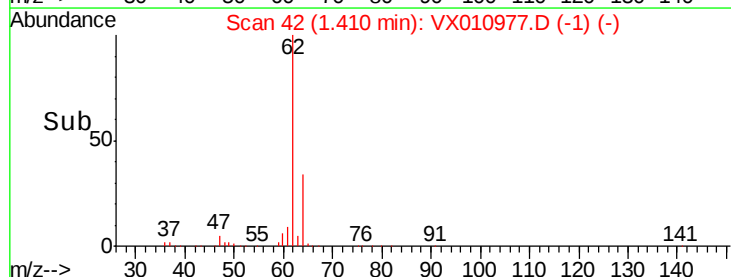
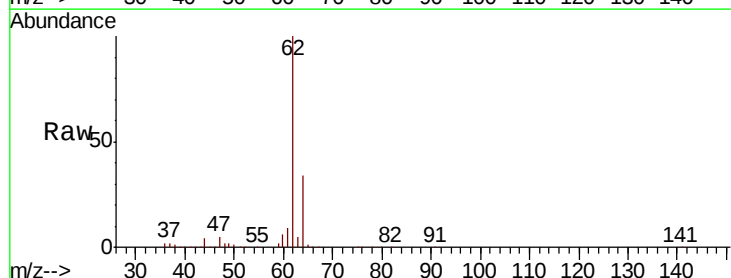
Acq: 18 Jul 2019 22:45

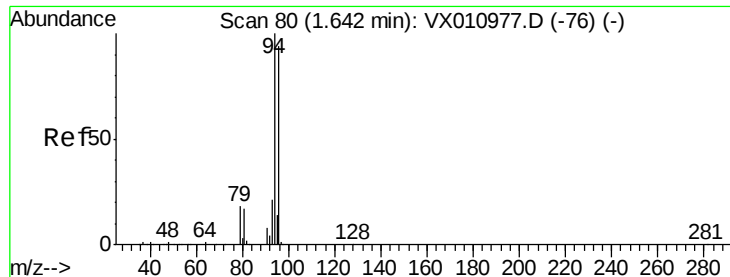
Tgt Ion: 62 Resp: 48213

Ion Ratio Lower Upper

62 100

64 33.5 26.8 40.2





#5

Bromomethane

Concen: 17.232 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

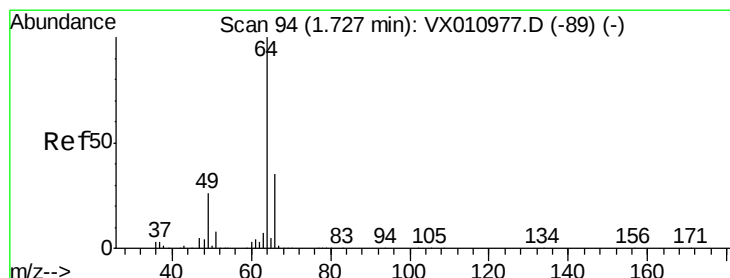
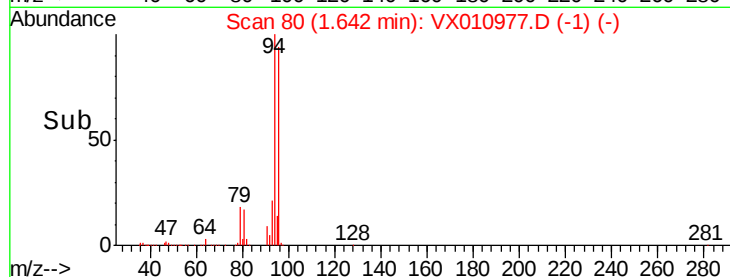
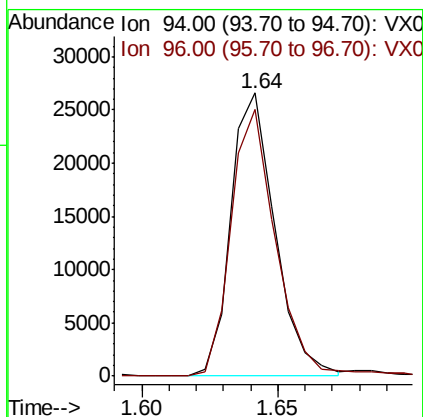
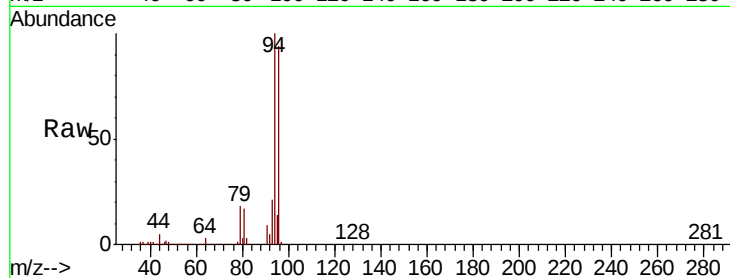
ClientSampleId :

Tot Ion: 94 Resp: 29988

Ion Ratio Lower Upper

94 100

96 94.3 75.4 113.2



#6

Chloroethane

Concen: 16.484 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX010977.D

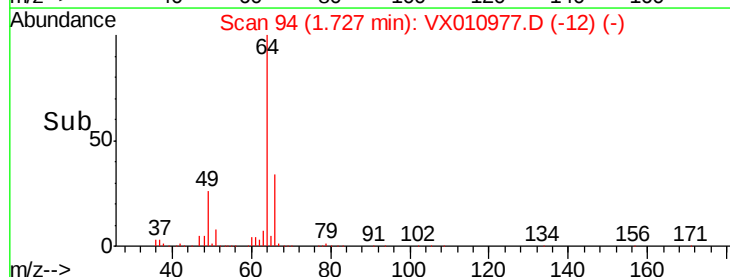
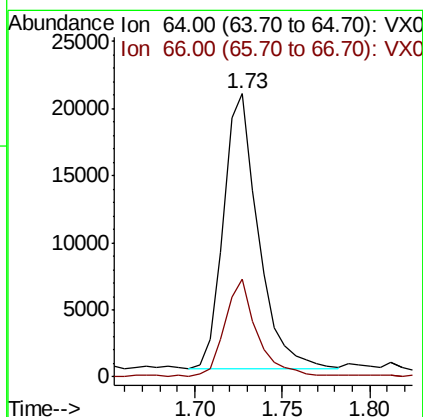
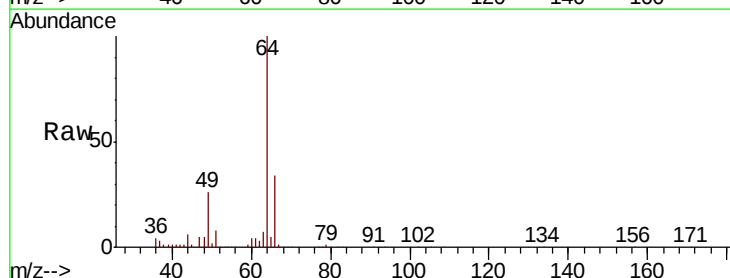
Acq: 18 Jul 2019 22:45

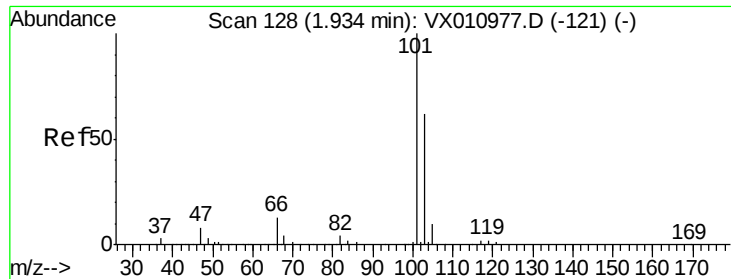
Tgt Ion: 64 Resp: 28503

Ion Ratio Lower Upper

64 100

66 35.1 28.1 42.1



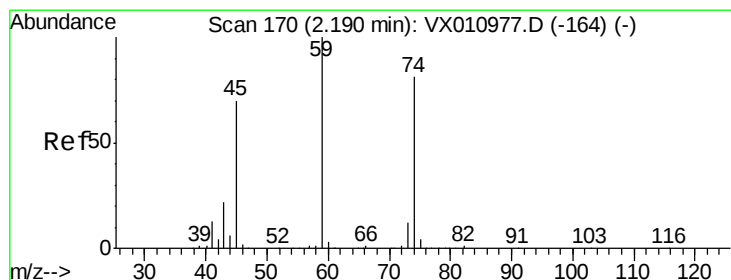
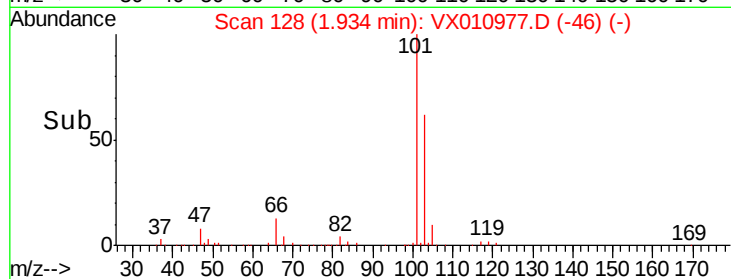
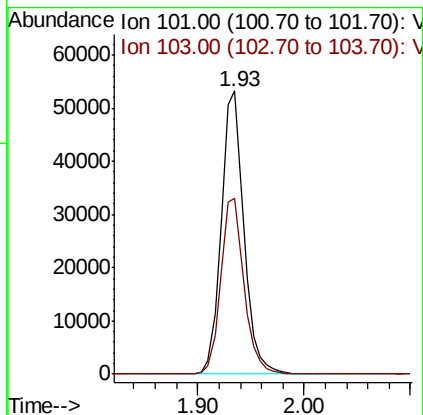
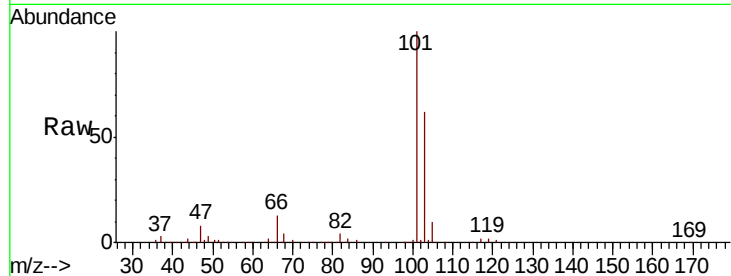


#7

Trichlorofluoromethane
 Concen: 22.362 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Instrument :
 MSVOA_X
 ClientSampled :

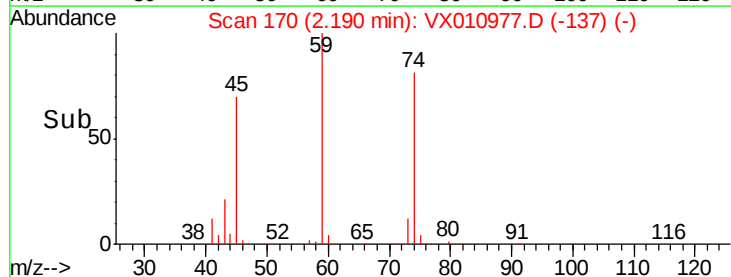
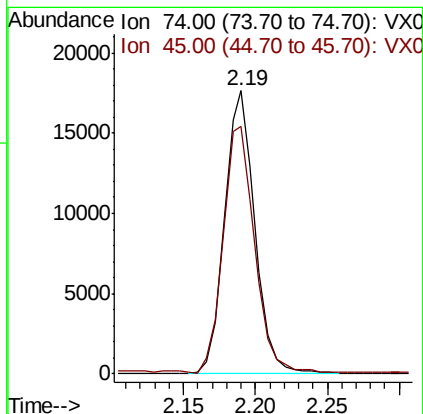
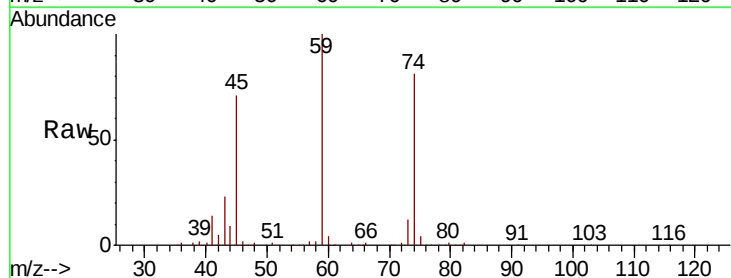
Tot Ion:101 Resp: 79053
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.6 74.4

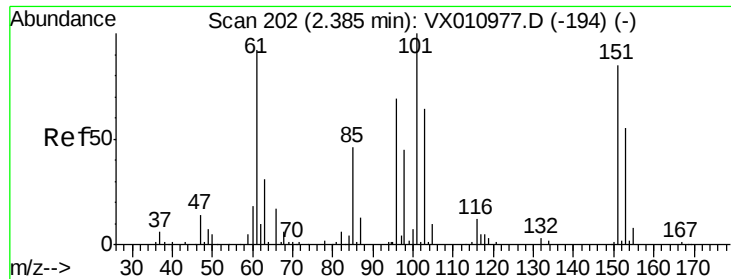


#8

Diethyl Ether
 Concen: 16.933 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Tgt Ion: 74 Resp: 25974
 Ion Ratio Lower Upper
 74 100
 45 91.3 18.3 164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.388 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

ClientSampleId :

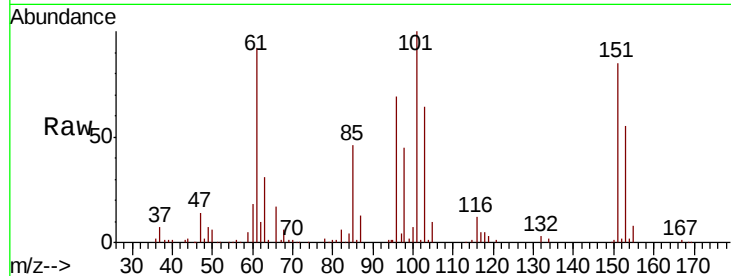
Tot Ion:101 Resp: 43400

Ion Ratio Lower Upper

101 100

85 44.9 0.0 89.8

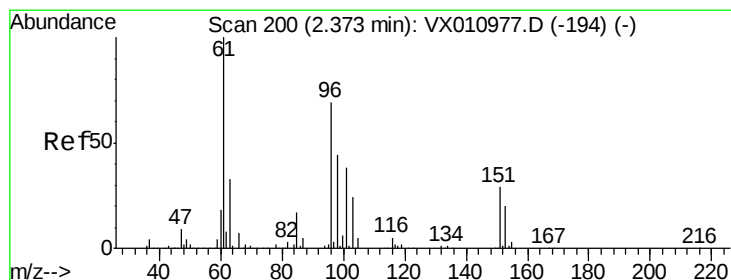
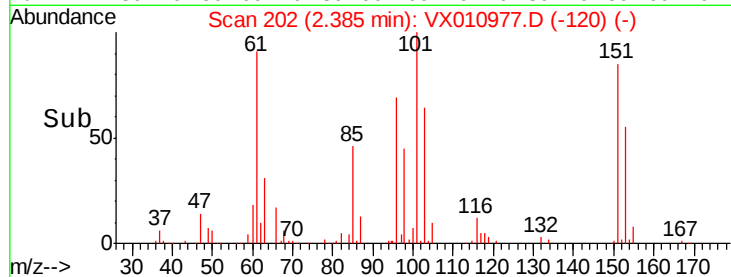
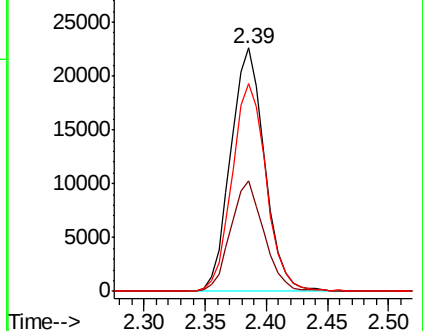
151 86.1 0.0 172.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.484 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

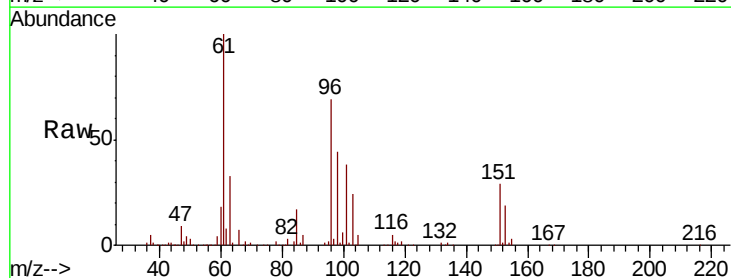
Tgt Ion: 96 Resp: 43832

Ion Ratio Lower Upper

96 100

61 144.9 115.9 173.9

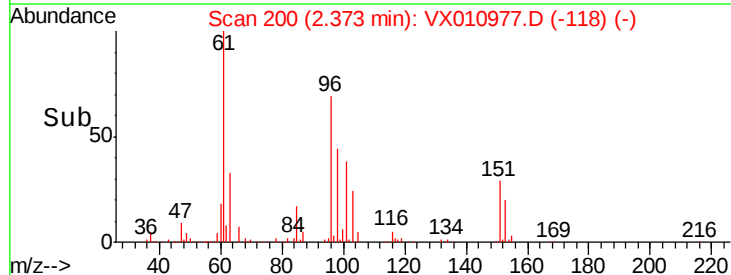
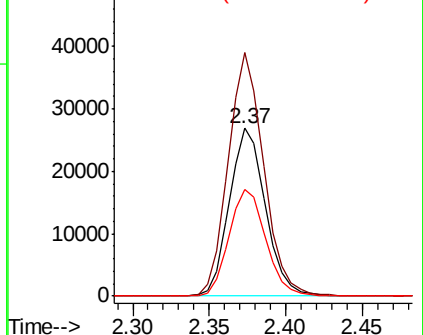
98 63.2 50.6 75.8

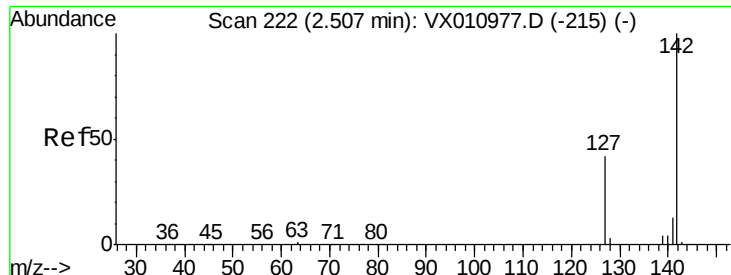


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

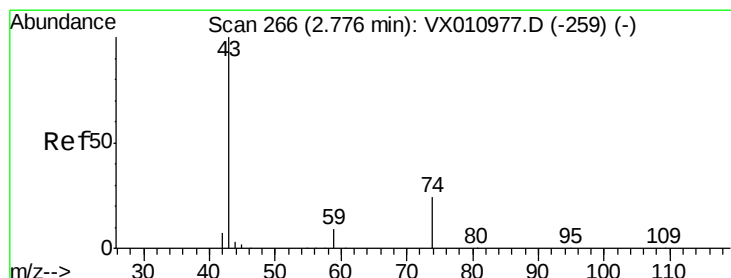
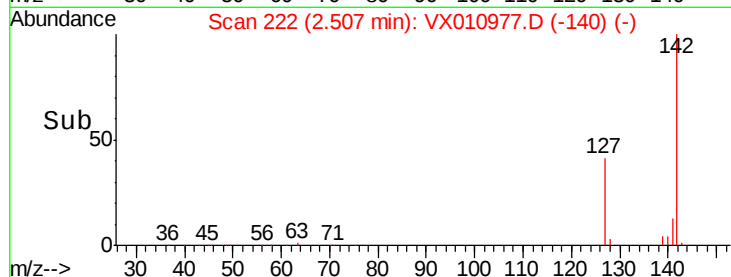
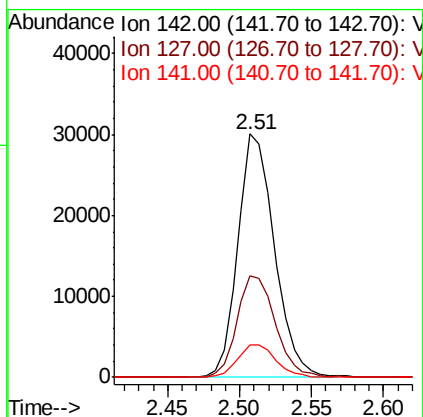
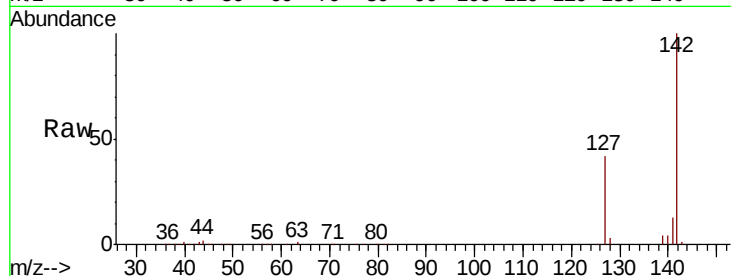




#11
Methyl Iodide
Concen: 22.048 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

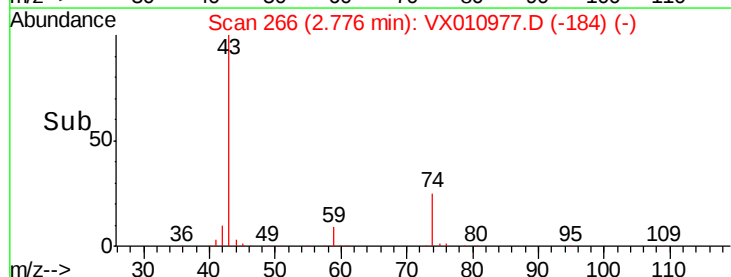
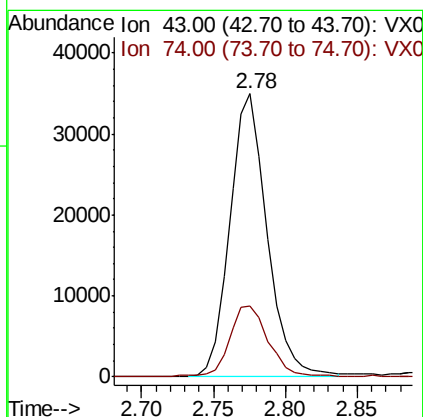
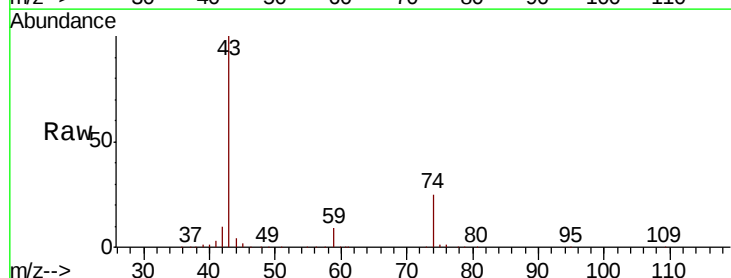
Instrument :
MSVOA_X
ClientSampleId :

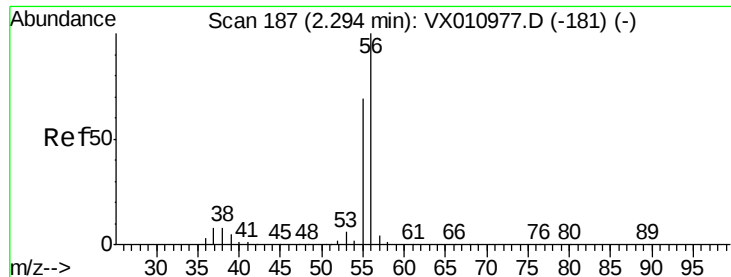
Tot Ion:142 Resp: 53250
Ion Ratio Lower Upper
142 100
127 41.4 20.7 62.1
141 13.3 6.7 20.0



#12
Methyl Acetate
Concen: 16.149 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 43 Resp: 62181
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





#13

Acrolein

Concen: 71.784 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

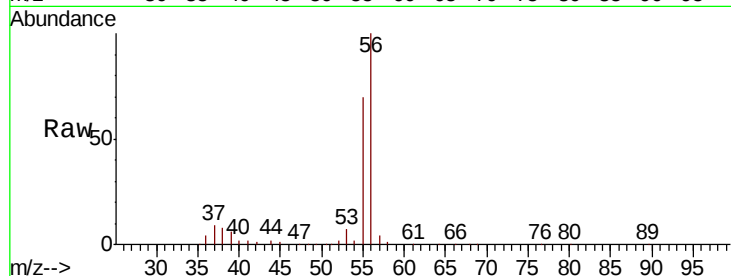
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 37531

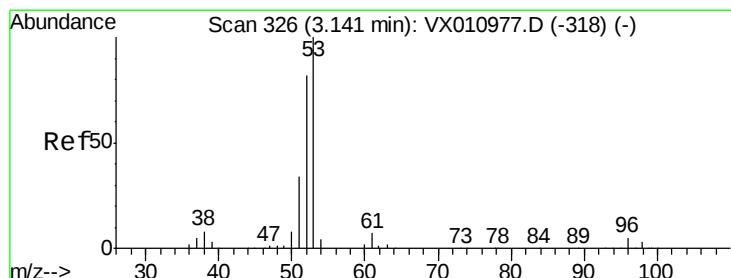
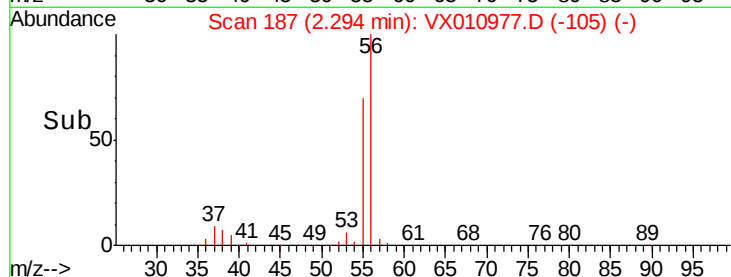
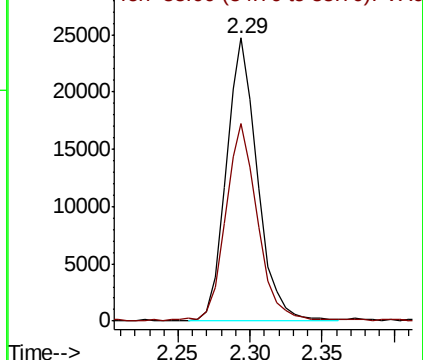
Ion Ratio Lower Upper

56 100

55 70.1 56.1 84.1



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



#14

Acrylonitrile

Concen: 73.986 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

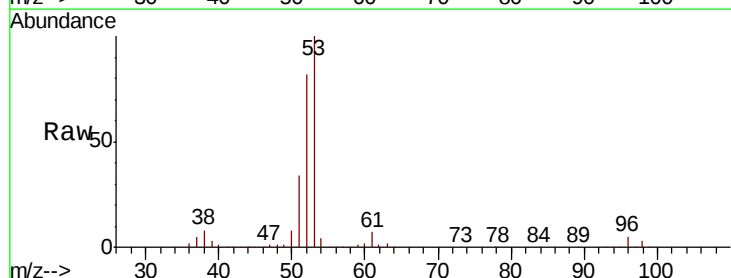
Tgt Ion: 53 Resp: 121171

Ion Ratio Lower Upper

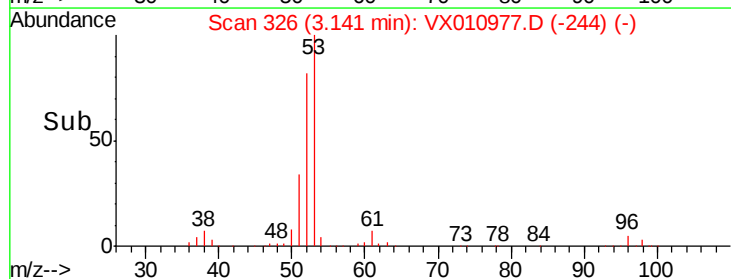
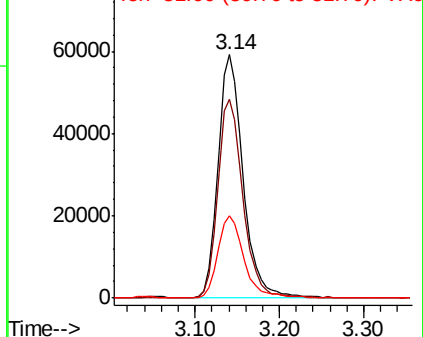
53 100

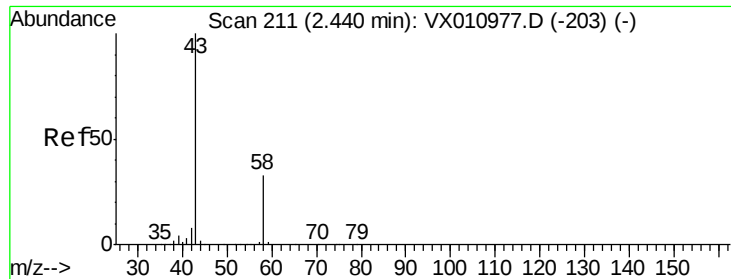
52 82.3 41.1 123.4

51 35.5 17.8 53.3



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





#15

Acetone

Concen: 73.463 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

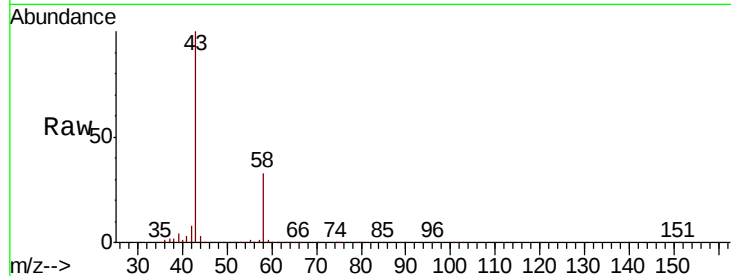
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 34211

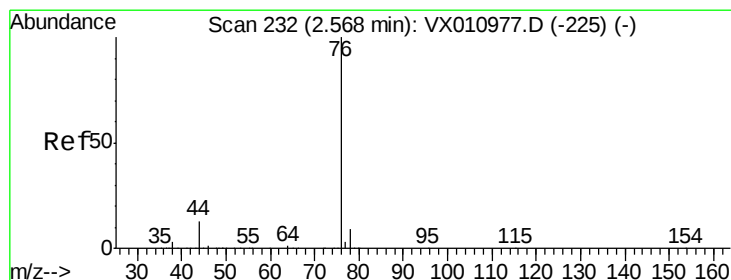
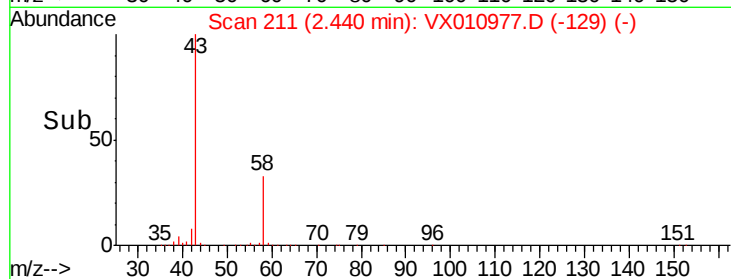
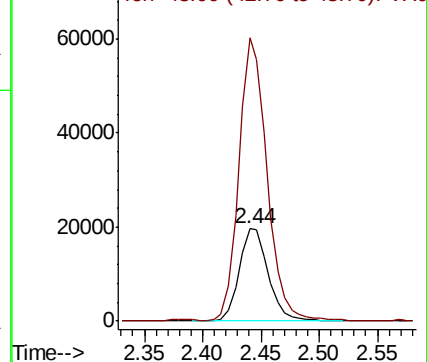
Ion Ratio Lower Upper

58 100

43 304.7 243.8 365.6



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



#16

Carbon Disulfide

Concen: 18.941 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010977.D

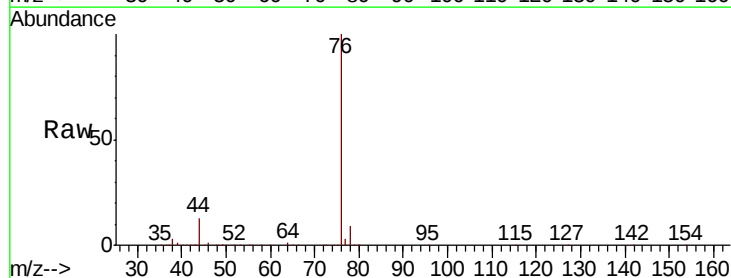
Acq: 18 Jul 2019 22:45

Tgt Ion: 76 Resp: 107809

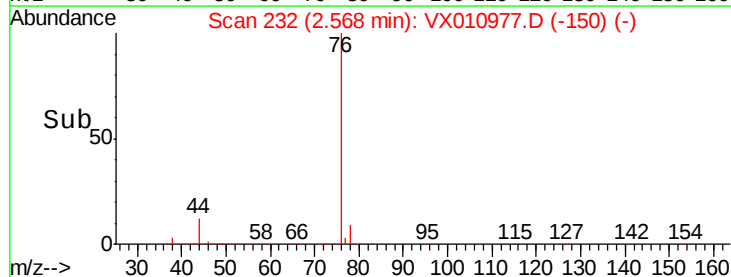
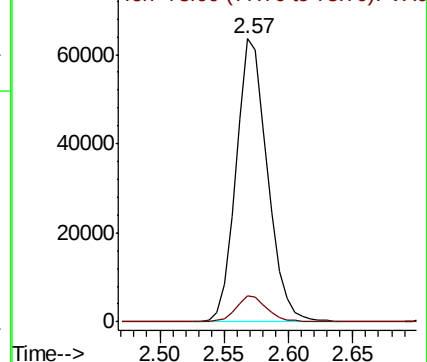
Ion Ratio Lower Upper

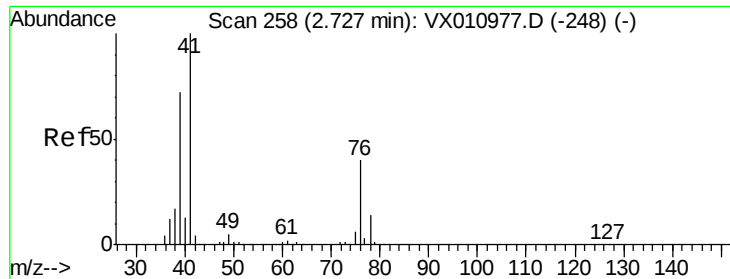
76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

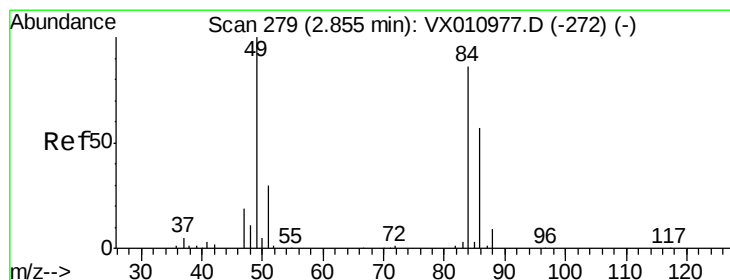
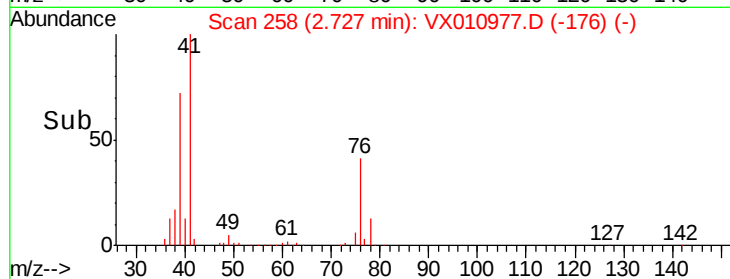
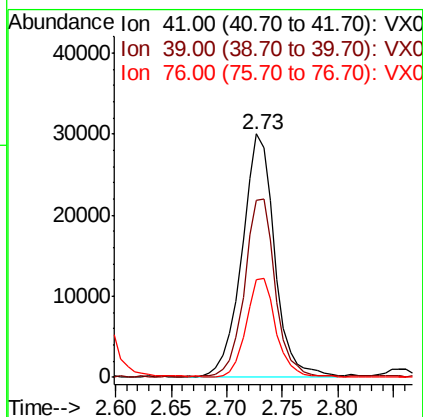
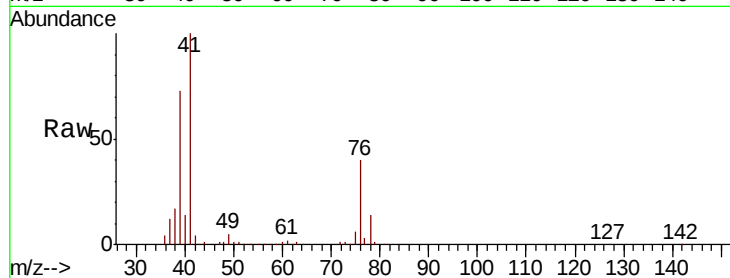




#17
Allvl chloride
Concen: 12.932 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

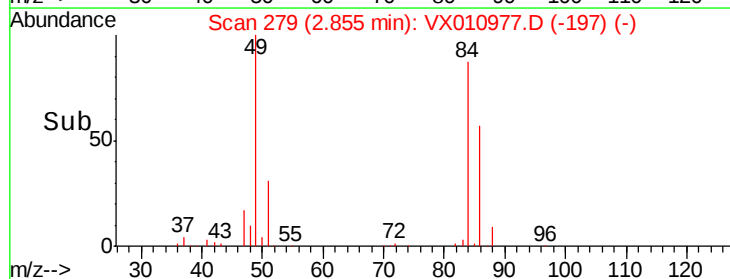
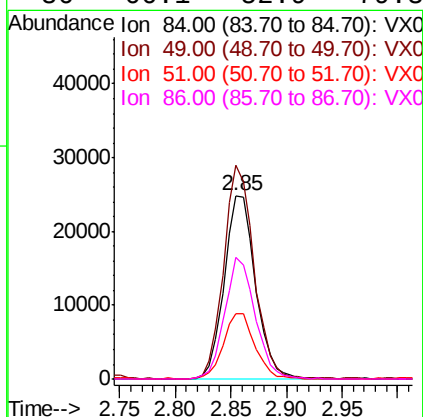
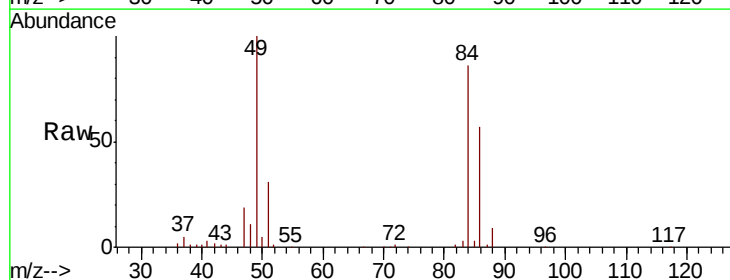
Instrument :
MSVOA_X
ClientSampleId :

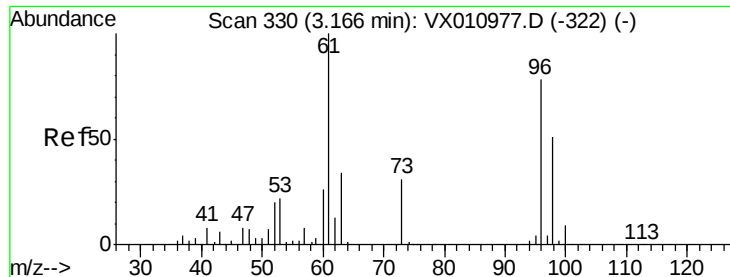
Tot Ion: 41 Resp: 60940
Ion Ratio Lower Upper
41 100
39 72.2 36.1 108.3
76 40.3 20.2 60.5



#18
Methylene Chloride
Concen: 18.991 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 84 Resp: 48376
Ion Ratio Lower Upper
84 100
49 116.5 93.2 139.8
51 35.7 28.6 42.8
86 66.1 52.9 79.3

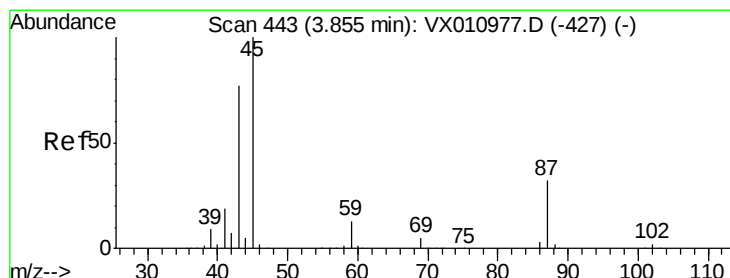
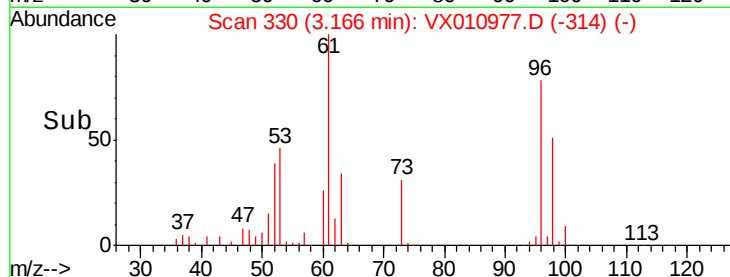
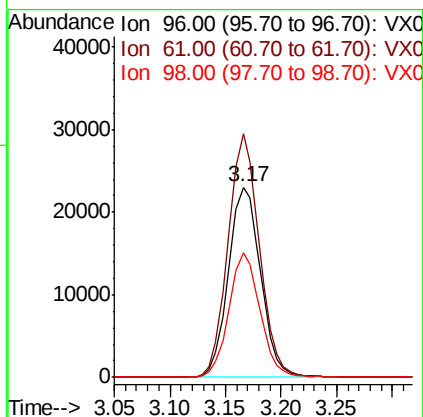
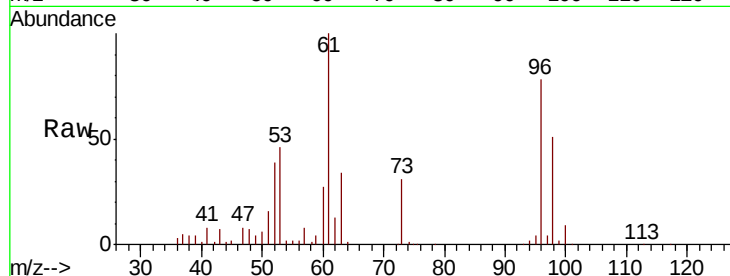




#19
trans-1,2-Dichloroethene
Concen: 20.281 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

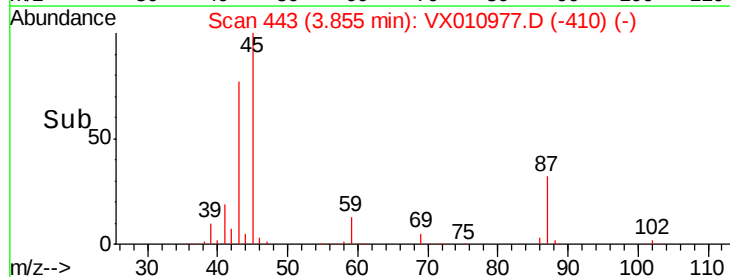
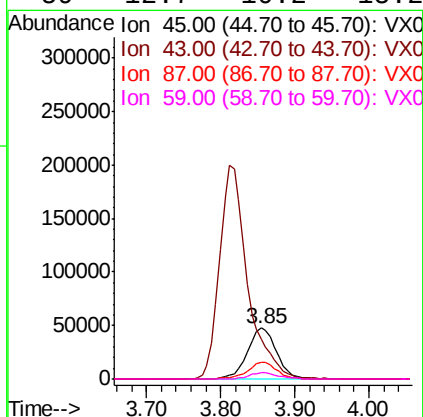
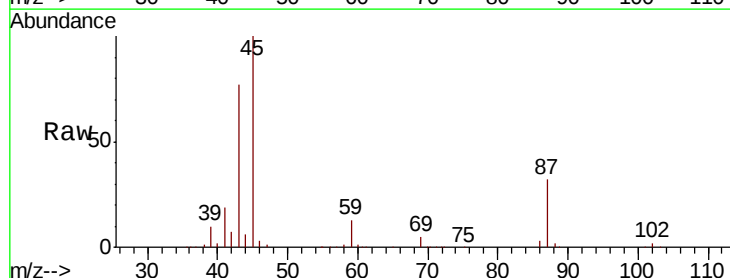
Instrument :
MSVOA_X
ClientSampleId :

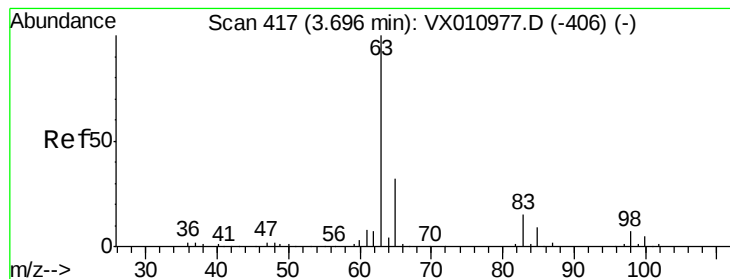
Tot Ion: 96 Resp: 46281
Ion Ratio Lower Upper
96 100
61 127.8 102.2 153.4
98 65.2 52.2 78.2



#20
Diisopropyl ether
Concen: 13.972 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 45 Resp: 130910
Ion Ratio Lower Upper
45 100
43 76.9 61.5 92.3
87 31.8 25.4 38.2
59 12.7 10.2 15.2





#21

1,1-Dichloroethane

Concen: 16.127 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :
MSVOA_X
ClientSampleId :

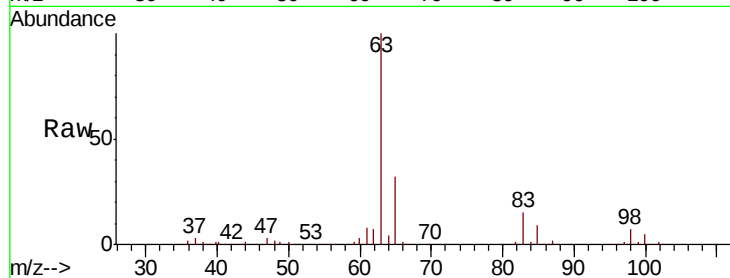
Tot Ion: 63 Resp: 75212

Ion Ratio Lower Upper

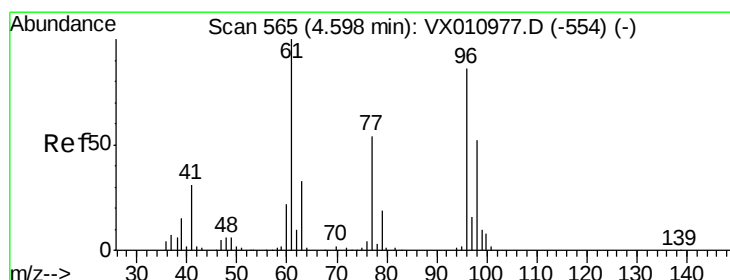
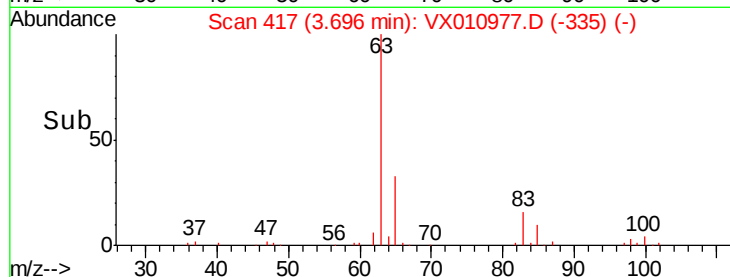
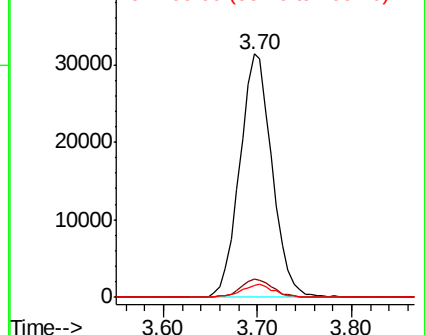
63 100

98 7.5 3.8 11.2

100 4.9 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.224 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

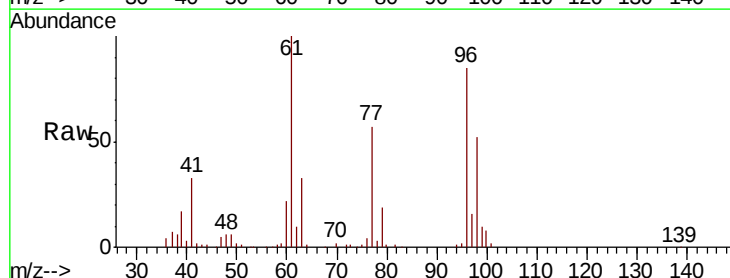
Tgt Ion: 96 Resp: 52143

Ion Ratio Lower Upper

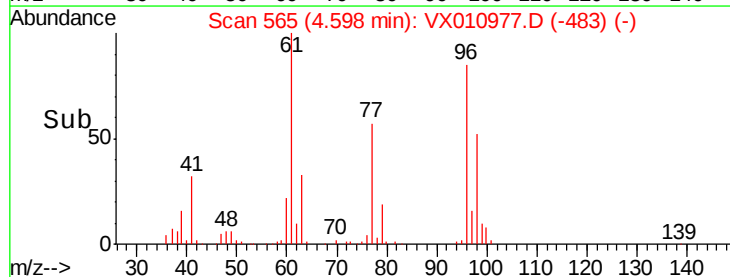
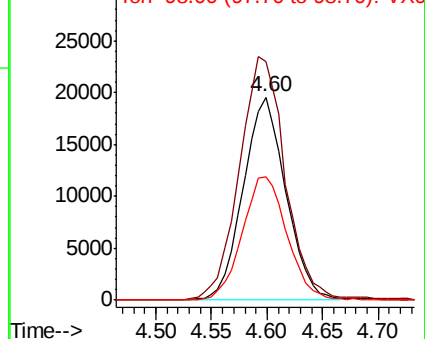
96 100

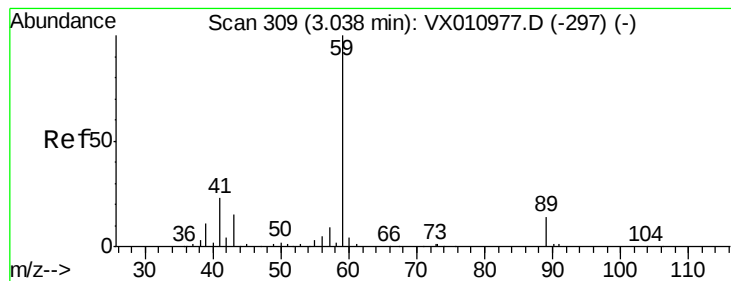
61 128.6 102.9 154.3

98 63.6 50.9 76.3



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 85.175 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

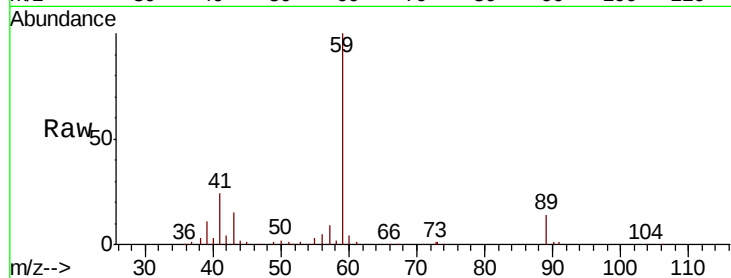
ClientSampled :

Tot Ion: 59 Resp: 61105

Ion Ratio Lower Upper

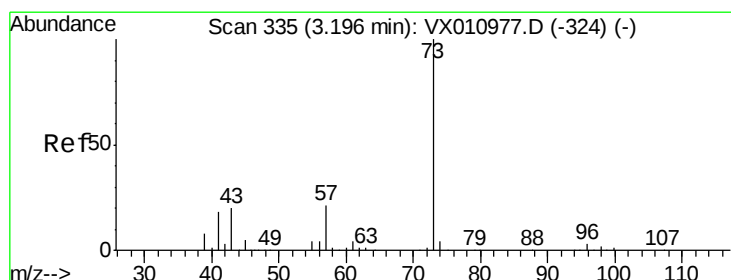
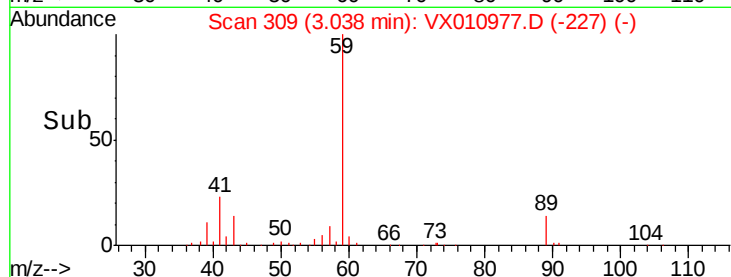
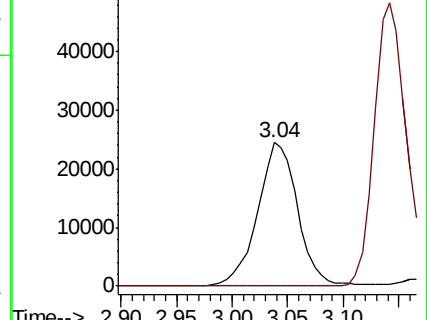
59 100

52 0.3 0.2 0.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 17.020 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX010977.D

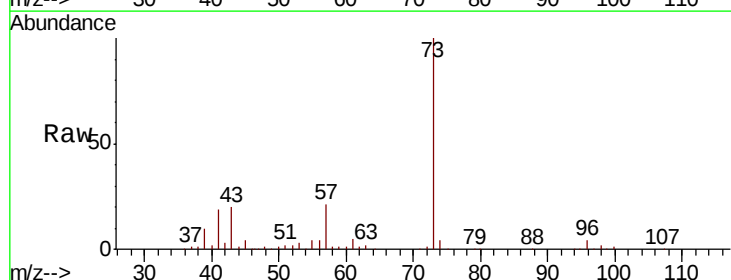
Acq: 18 Jul 2019 22:45

Tgt Ion: 73 Resp: 137463

Ion Ratio Lower Upper

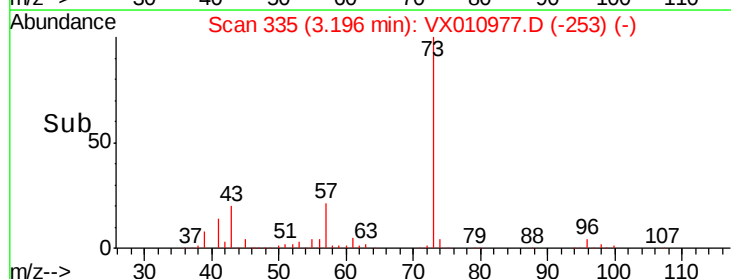
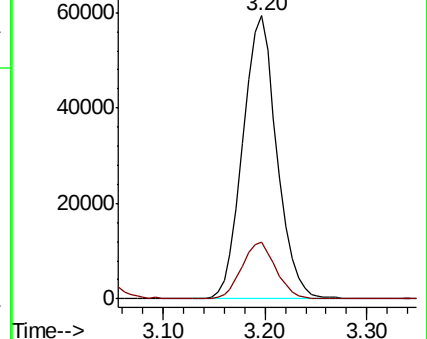
73 100

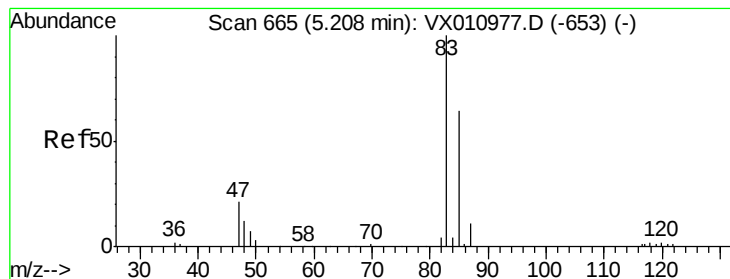
43 19.7 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 18.689 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

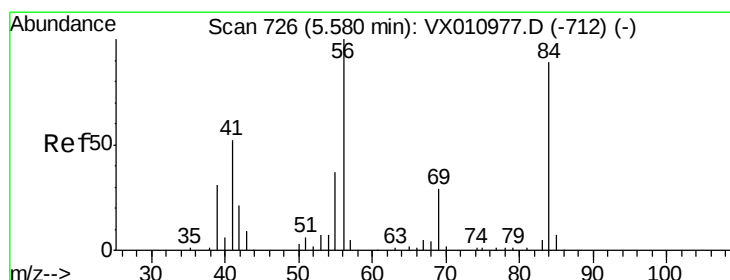
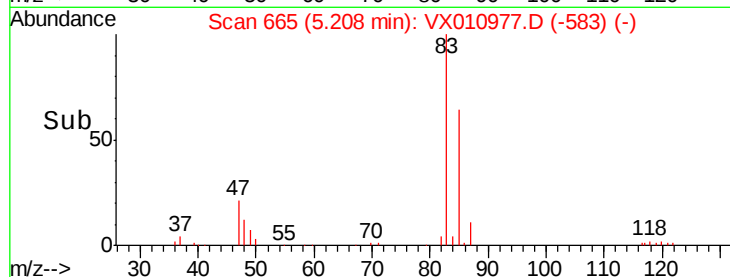
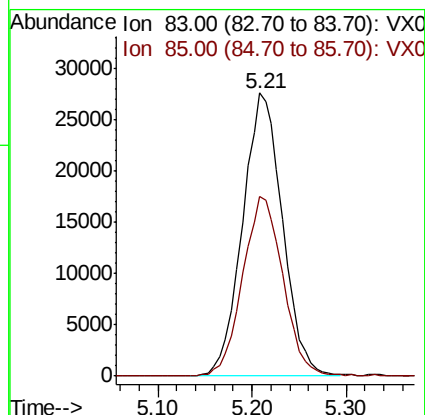
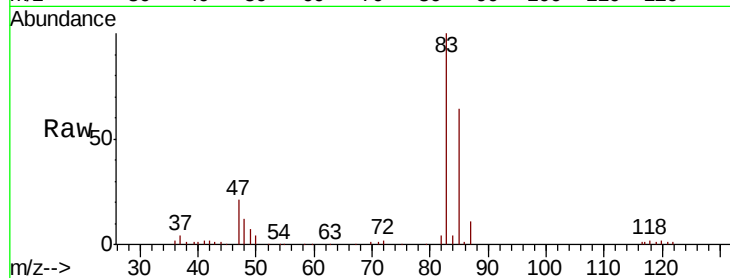
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 81792

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3



#26

Cyclohexane

Concen: 16.103 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

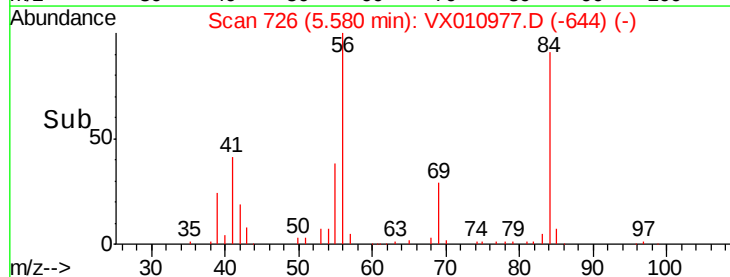
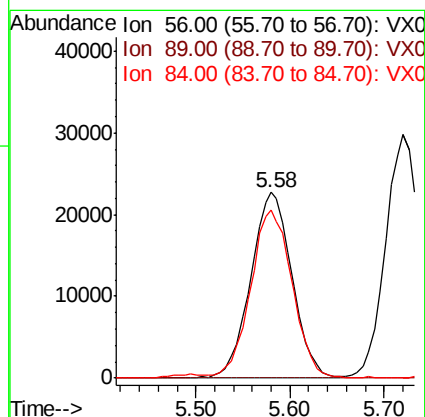
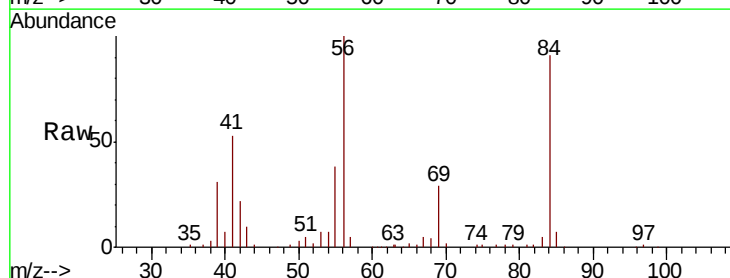
Tgt Ion: 56 Resp: 69596

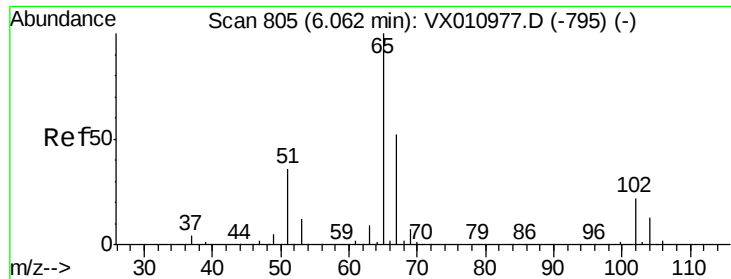
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.2 73.0 109.4





#27

1,2-Dichloroethane-d4

Concen: 25.043 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

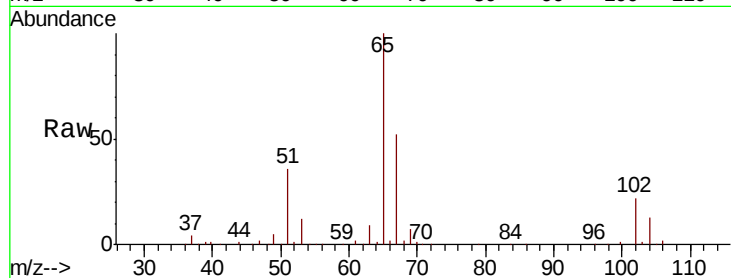
ClientSampleId :

Tot Ion: 65 Resp: 77508

Ion Ratio Lower Upper

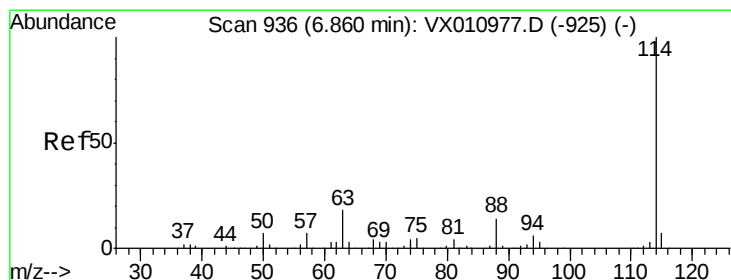
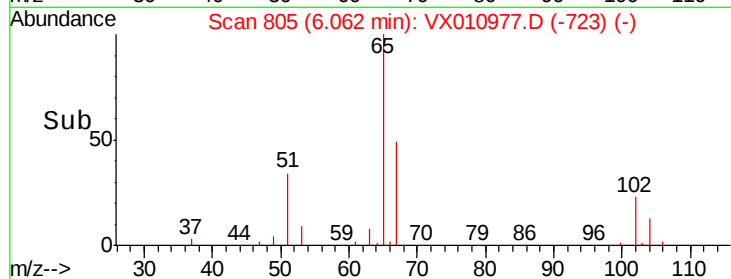
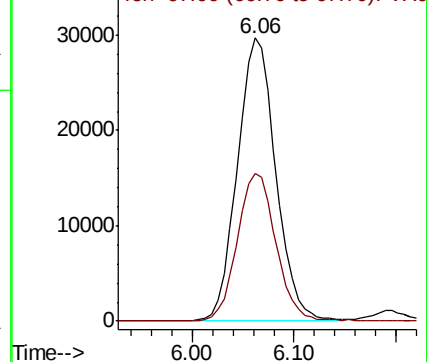
65 100

67 52.1 41.7 62.5



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

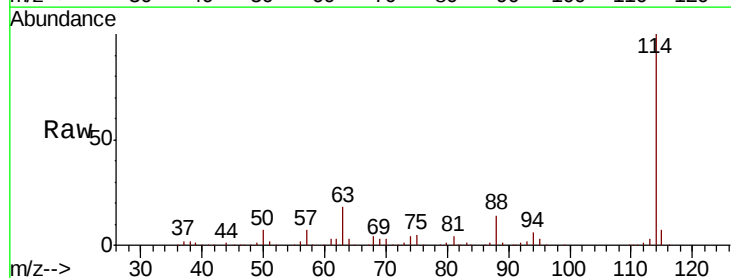
Tgt Ion: 114 Resp: 216317

Ion Ratio Lower Upper

114 100

63 18.3 14.6 22.0

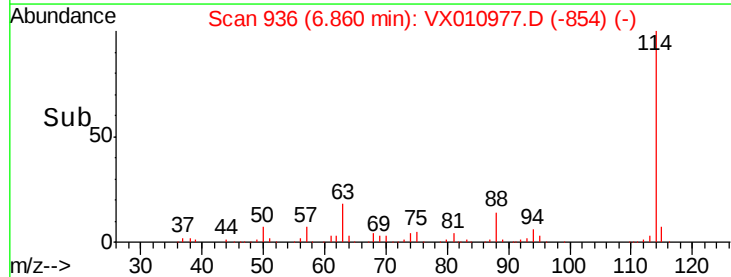
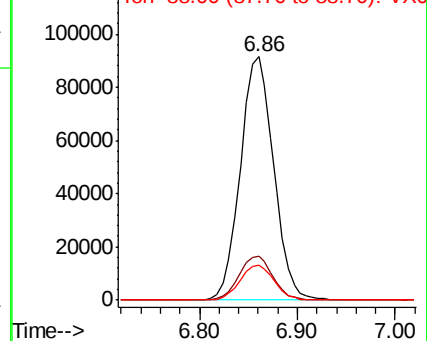
88 14.8 11.8 17.8

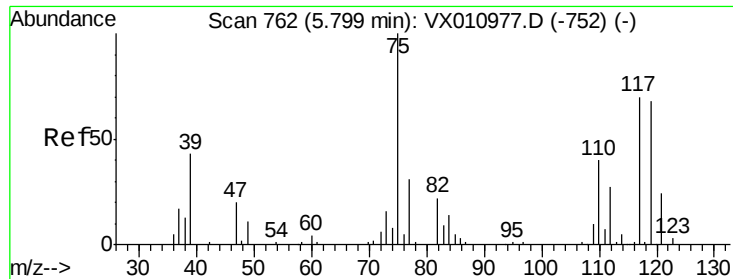


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

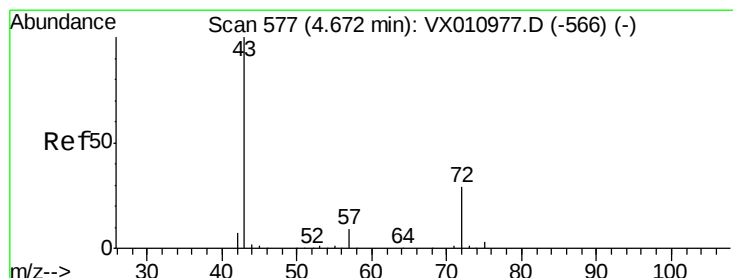
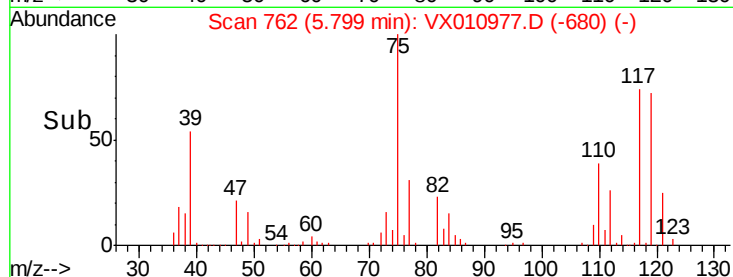
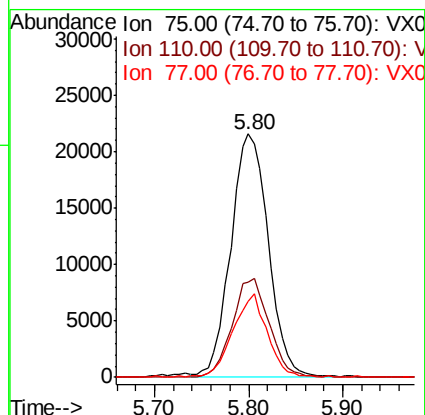
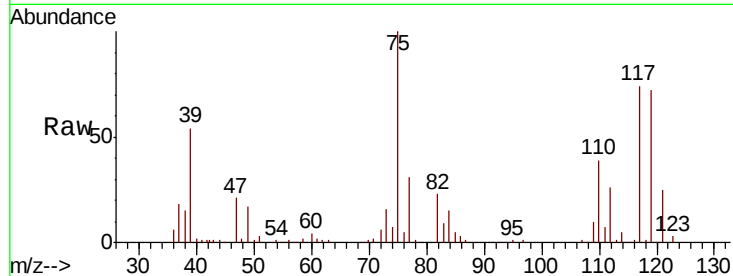




#29
 1,1-Dichloropropene
 Concen: 19.112 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

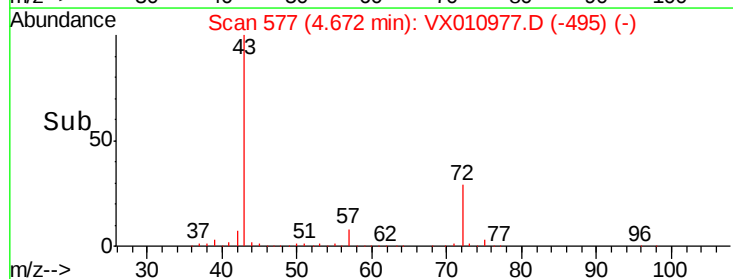
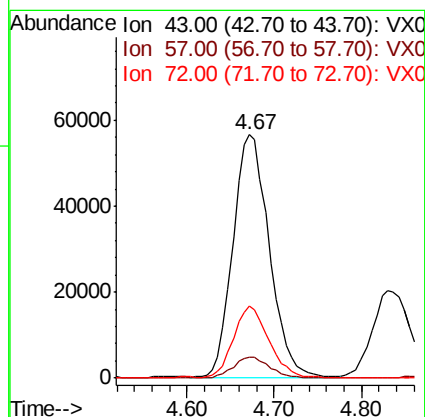
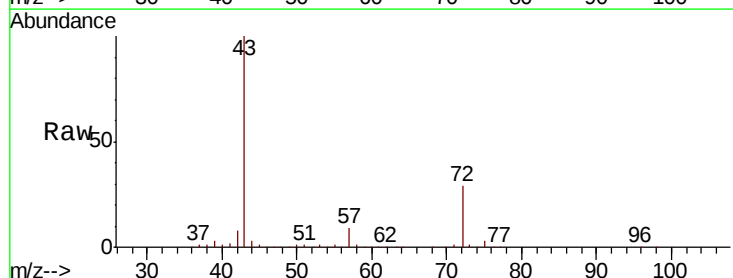
Instrument :
 MSVOA_X
 ClientSampled :

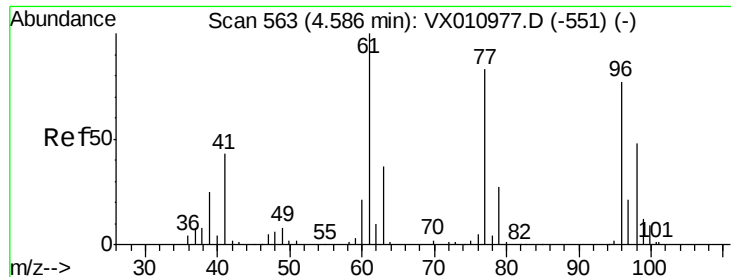
Tot Ion: 75 Resp: 60150
 Ion Ratio Lower Upper
 75 100
 110 39.9 0.0 79.8
 77 31.1 0.0 62.2



#30
 2-Butanone
 Concen: 70.249 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Tgt Ion: 43 Resp: 162969
 Ion Ratio Lower Upper
 43 100
 57 8.5 6.8 10.2
 72 29.0 23.2 34.8





#31

2,2-Dichloropropane

Concen: 15.212 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

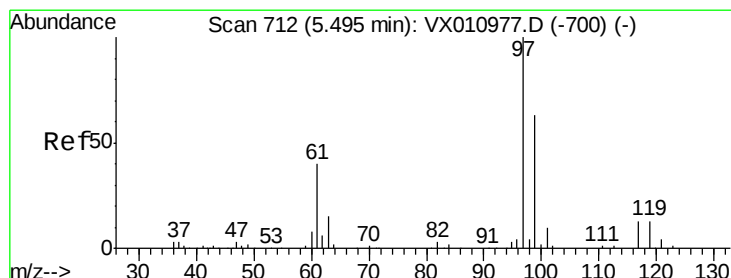
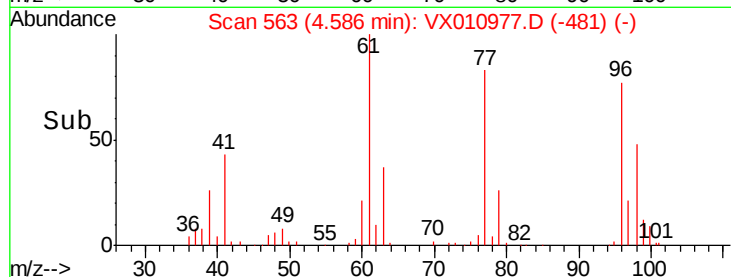
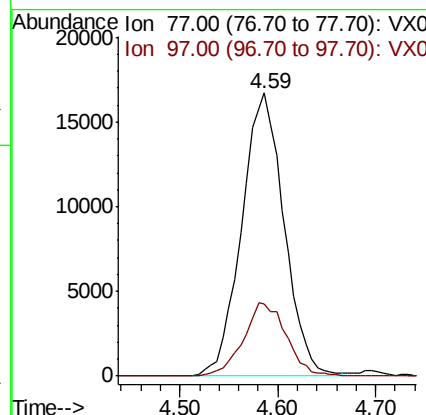
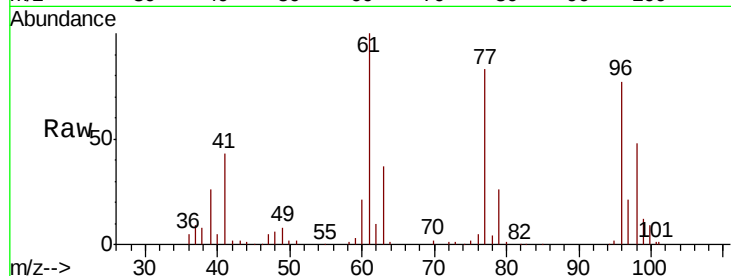
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 50476

Ion Ratio Lower Upper

77 100

97 26.1 20.9 31.3



#32

1,1,1-Trichloroethane

Concen: 20.129 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

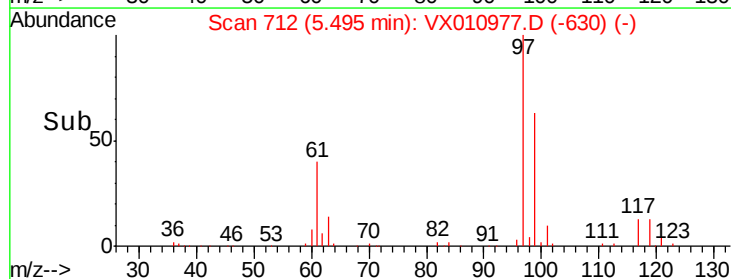
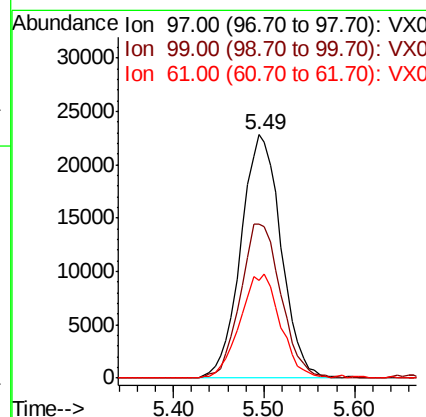
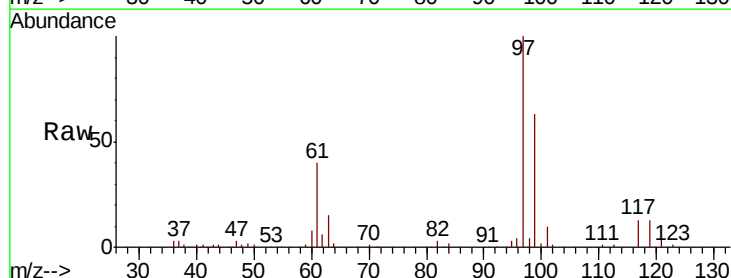
Tgt Ion: 97 Resp: 70084

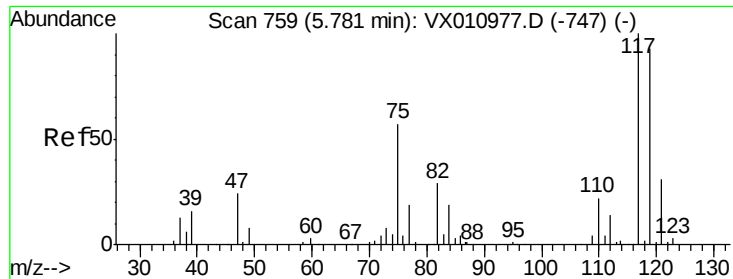
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 42.9 34.3 51.5





#33

Carbon Tetrachloride

Concen: 20.344 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

ClientSampleId :

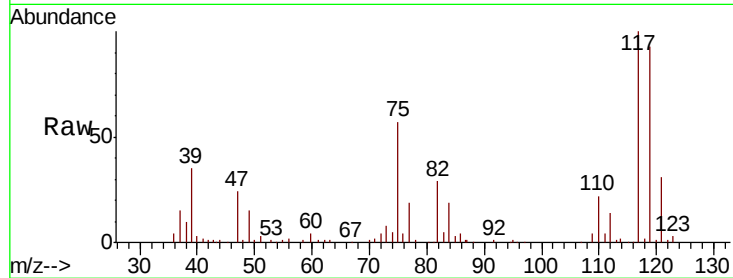
Tot Ion:117 Resp: 59198

Ion Ratio Lower Upper

117 100

119 92.9 74.3 111.5

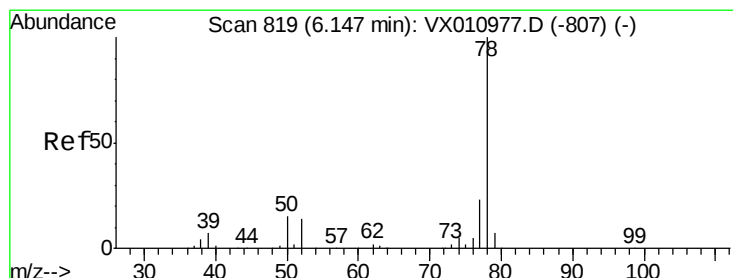
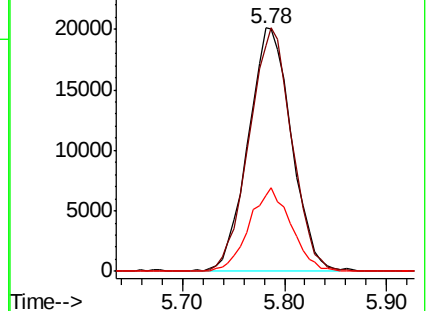
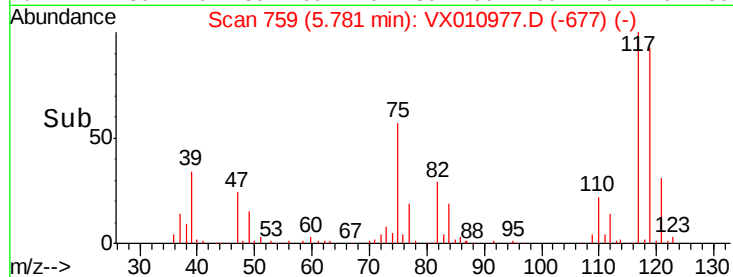
121 31.1 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.745 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

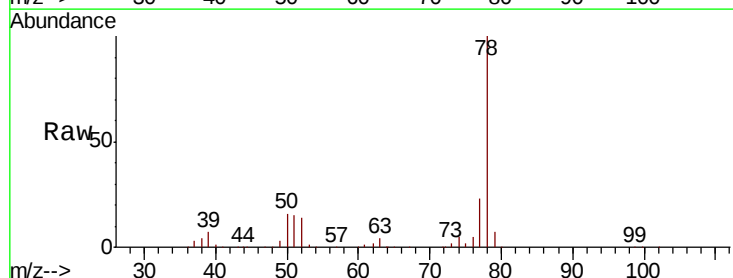
Tgt Ion: 78 Resp: 180808

Ion Ratio Lower Upper

78 100

77 22.8 18.2 27.4

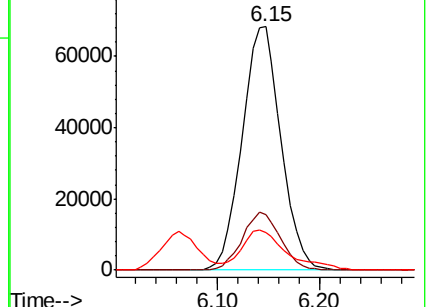
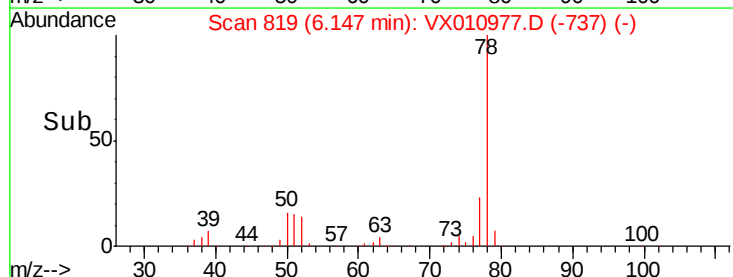
51 14.3 11.4 17.2

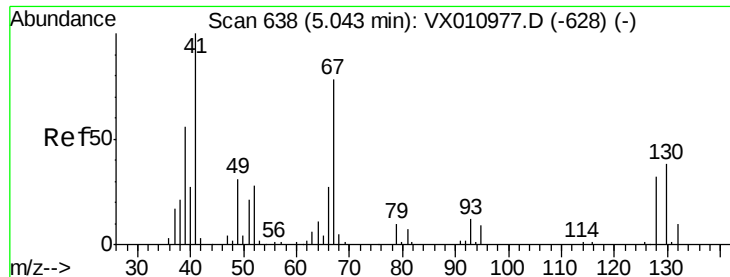


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

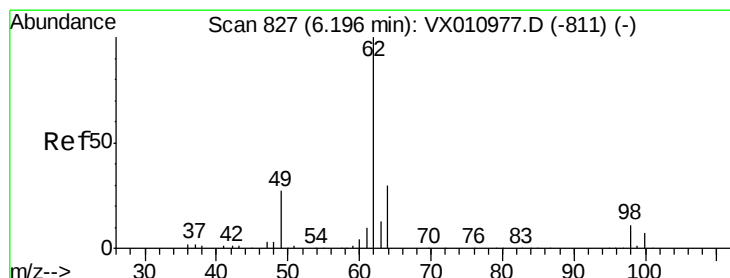
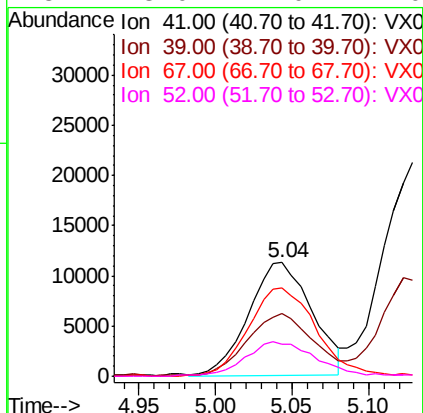
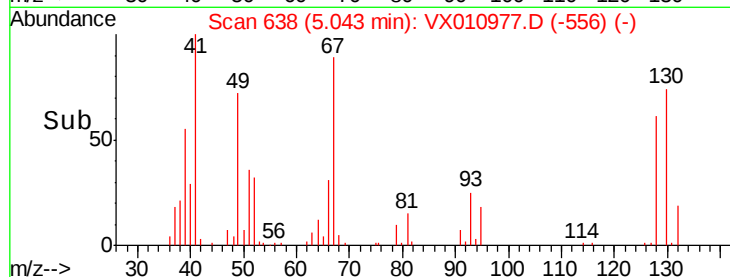
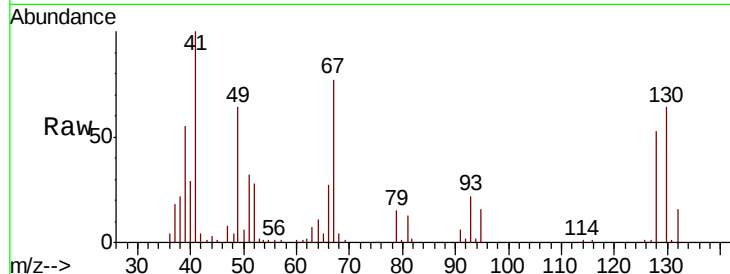




#35
Methacrylonitrile
Concen: 13.493 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

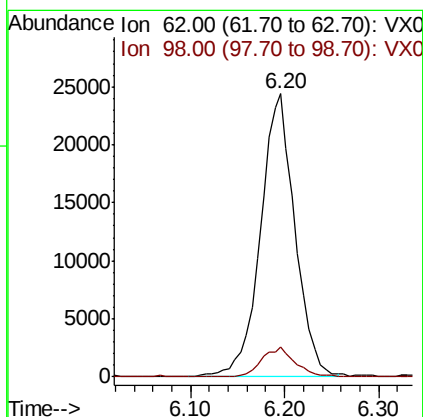
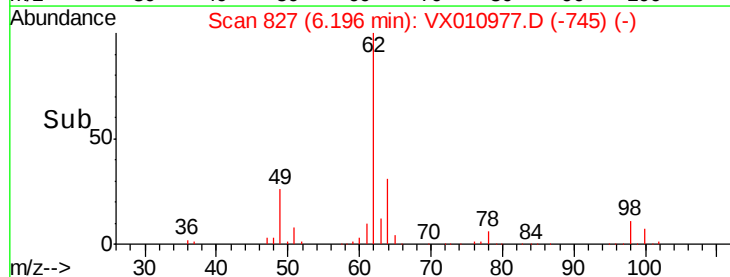
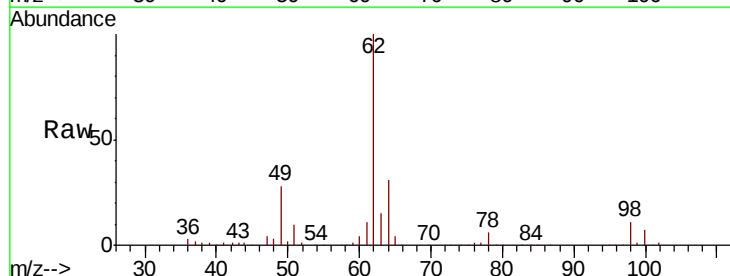
Instrument :
MSVOA_X
ClientSampled :

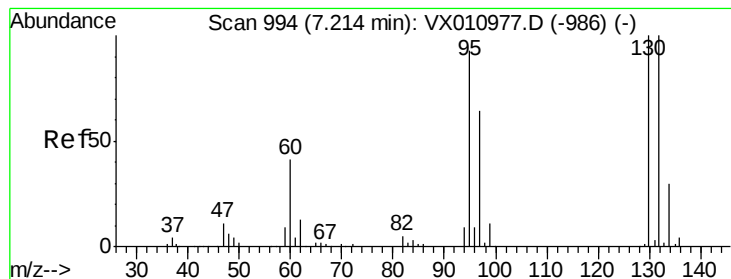
Tot Ion: 41 Resp: 32525
Ion Ratio Lower Upper
41 100
39 55.2 27.6 82.8
67 78.1 39.1 117.2
52 28.0 14.0 42.0



#36
1,2-Dichloroethane
Concen: 18.030 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 62 Resp: 62663
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0





#37

Trichloroethene

Concen: 21.427 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

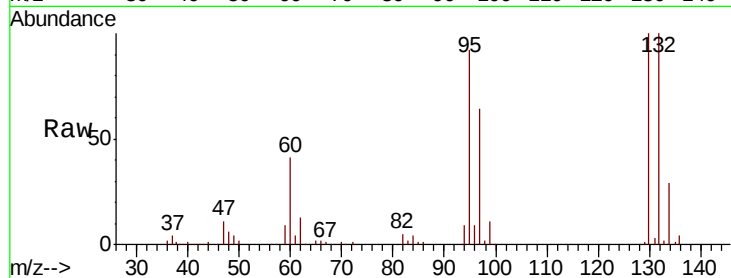
ClientSampled :

Tot Ion:130 Resp: 51792

Ion Ratio Lower Upper

130 100

95 92.6 74.1 111.1



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

25000

20000

15000

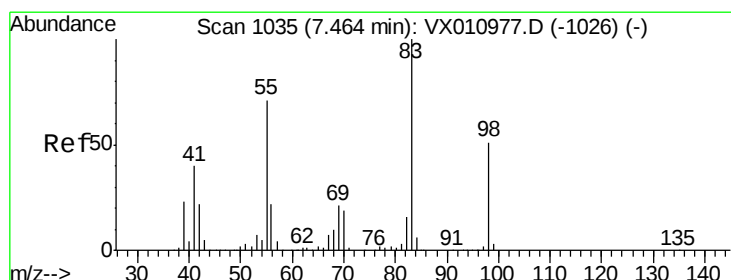
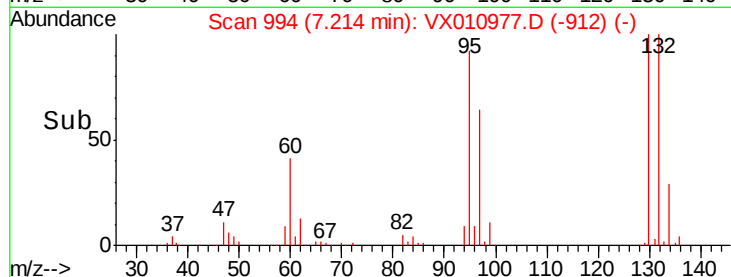
10000

5000

0

7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 19.333 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

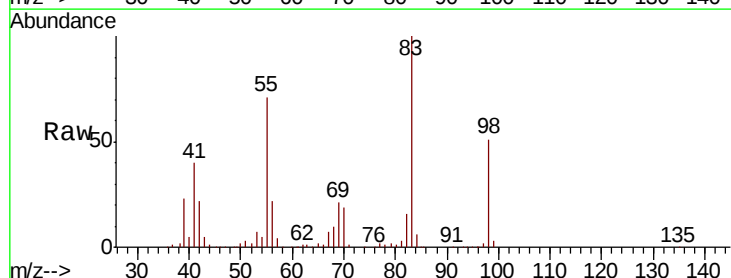
Tgt Ion: 83 Resp: 75574

Ion Ratio Lower Upper

83 100

55 70.6 35.3 105.9

98 48.0 24.0 72.0



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

7.46

40000

30000

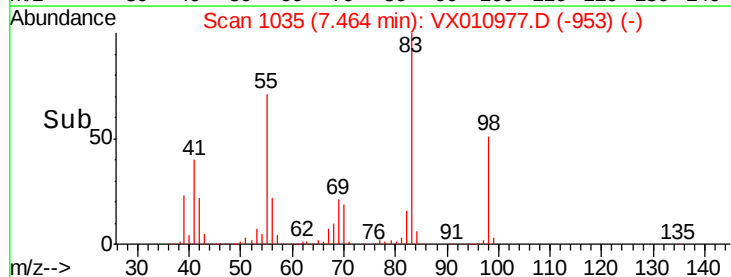
20000

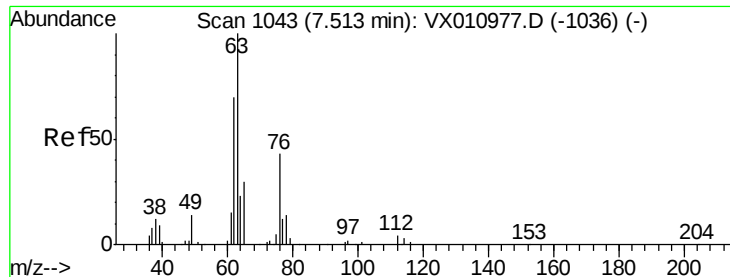
10000

0

7.35 7.40 7.45 7.50 7.55

Time-->





#39

1,2-Dichloropropane

Concen: 16.661 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

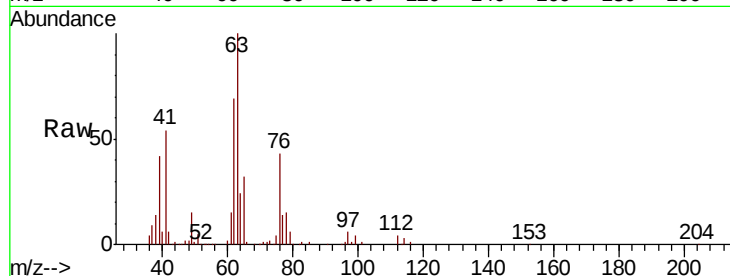
ClientSampled :

Tot Ion: 63 Resp: 44776

Ion Ratio Lower Upper

63 100

65 32.0 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.51

25000

20000

15000

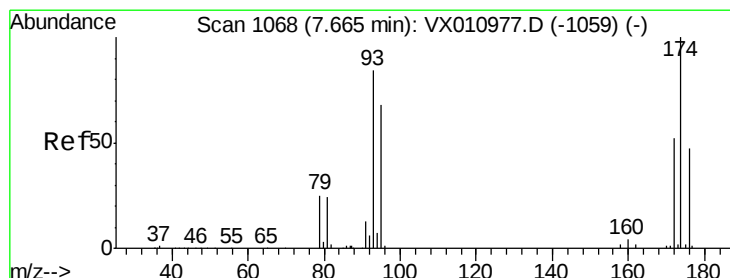
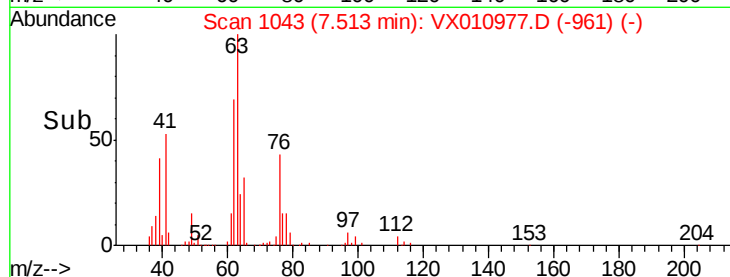
10000

5000

0

7.45 7.50 7.55 7.60

Time-->



#40

Dibromomethane

Concen: 20.479 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

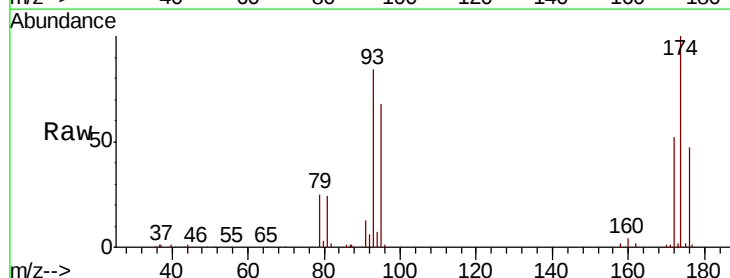
Tgt Ion: 93 Resp: 32708

Ion Ratio Lower Upper

93 100

95 83.0 0.0 166.0

174 114.6 0.0 229.2



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

25000

20000

15000

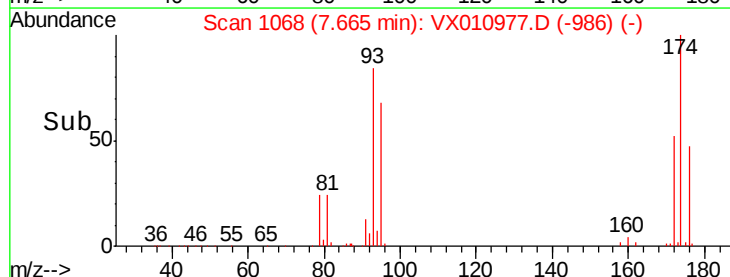
10000

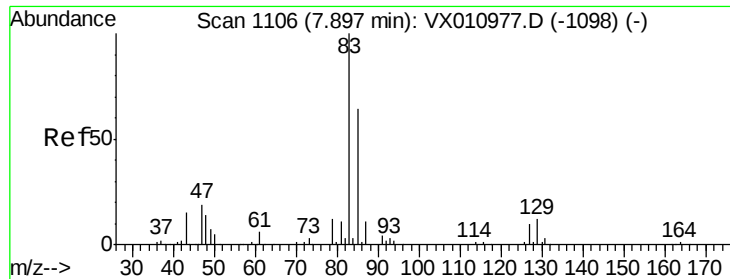
5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#41

Bromodichloromethane

Concen: 17.822 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :
MSVOA_X
ClientSampleId :

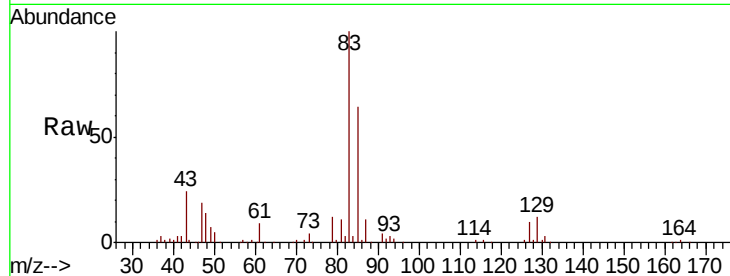
Tot Ion: 83 Resp: 56533

Ion Ratio Lower Upper

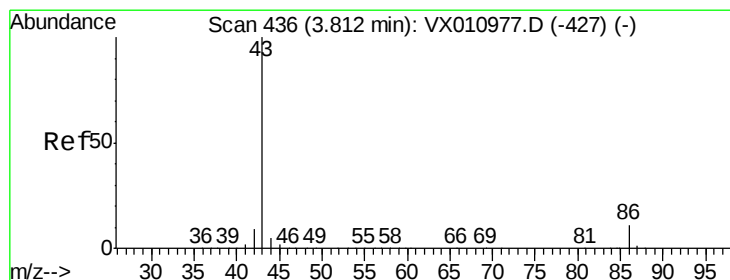
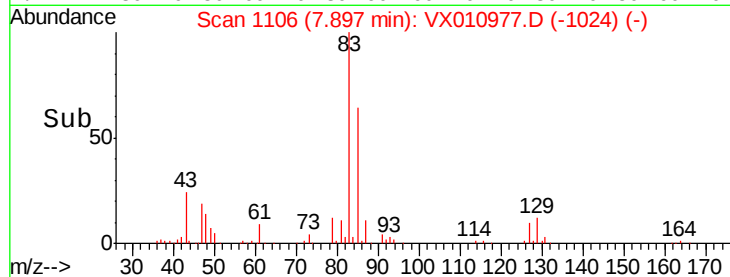
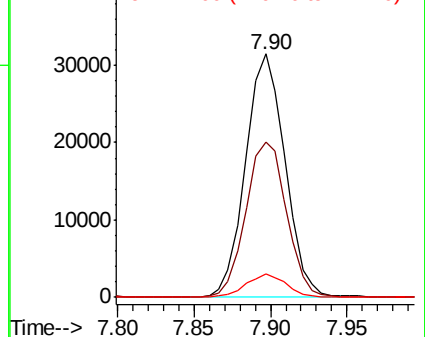
83 100

85 63.6 50.9 76.3

127 9.6 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 68.606 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX010977.D

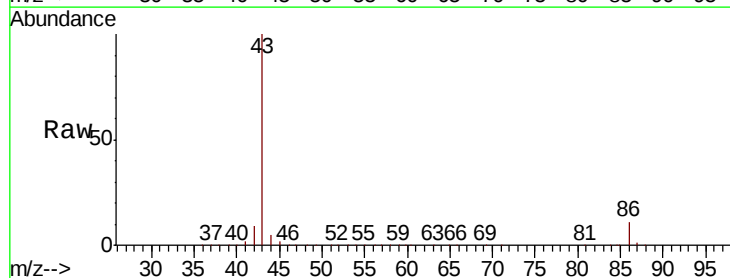
Acq: 18 Jul 2019 22:45

Tgt Ion: 43 Resp: 522749

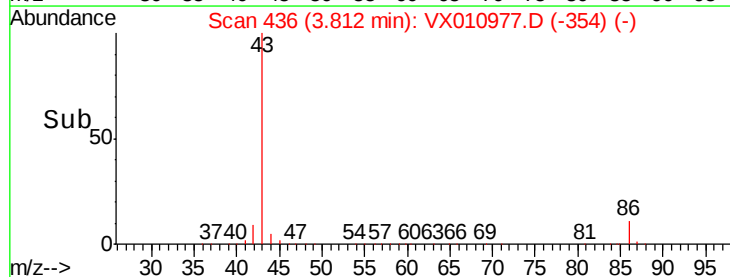
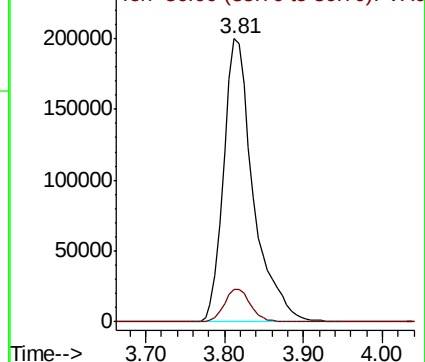
Ion Ratio Lower Upper

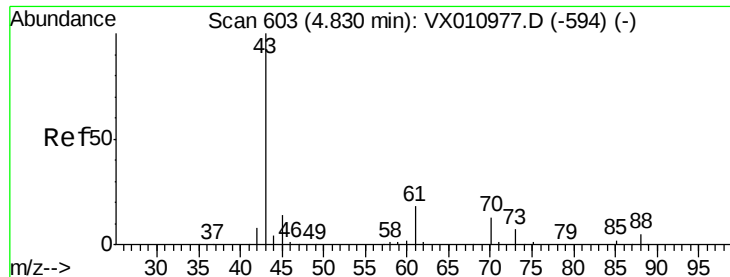
43 100

86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 14.522 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

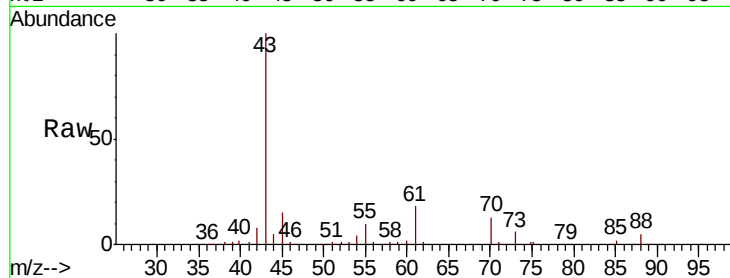
ClientSampled :

Tot Ion: 43 Resp: 60852

Ion Ratio Lower Upper

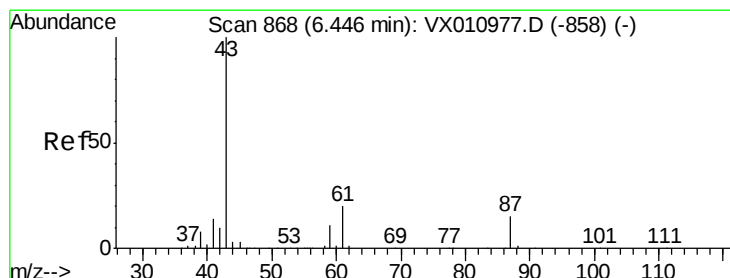
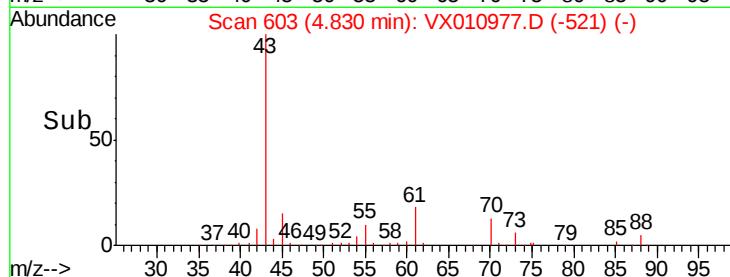
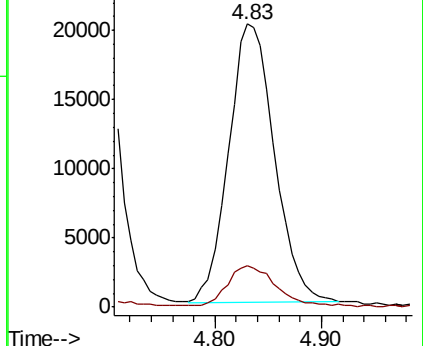
43 100

45 15.1 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 14.424 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010977.D

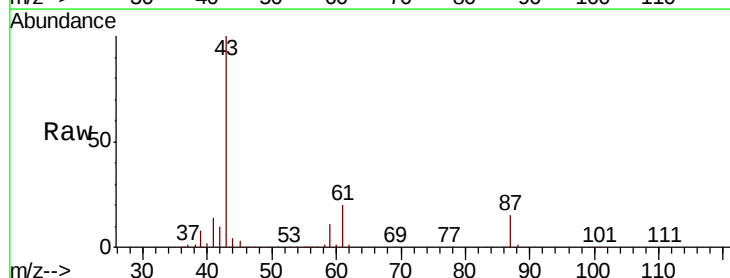
Acq: 18 Jul 2019 22:45

Tgt Ion: 43 Resp: 99053

Ion Ratio Lower Upper

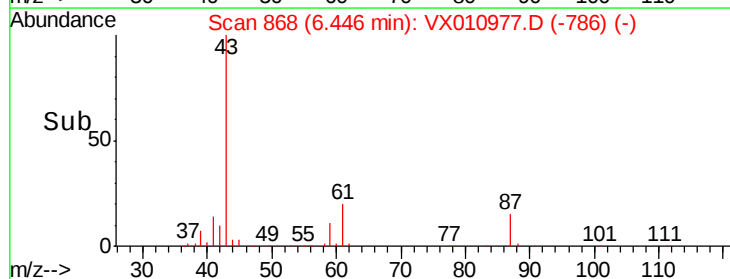
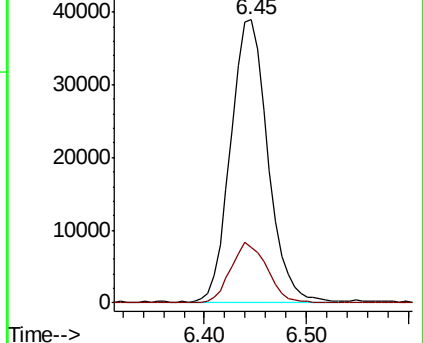
43 100

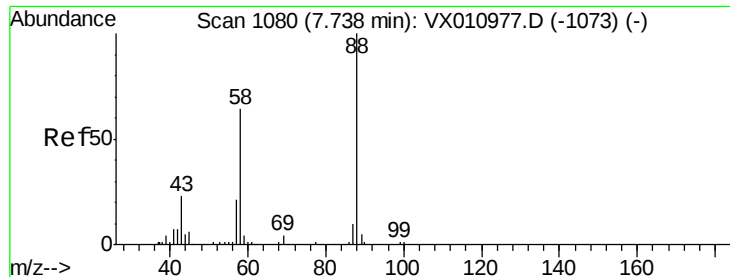
61 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

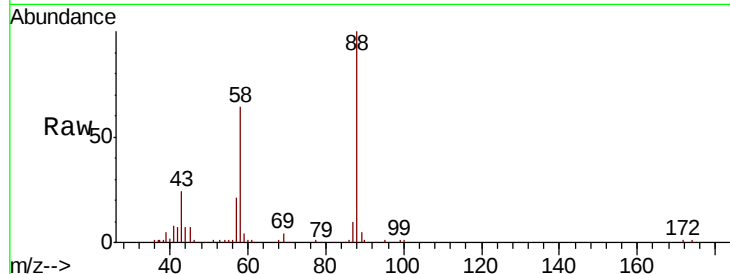




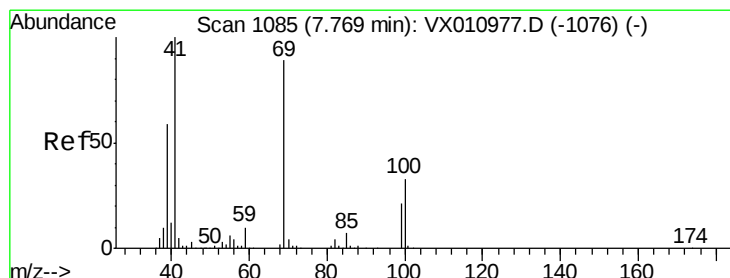
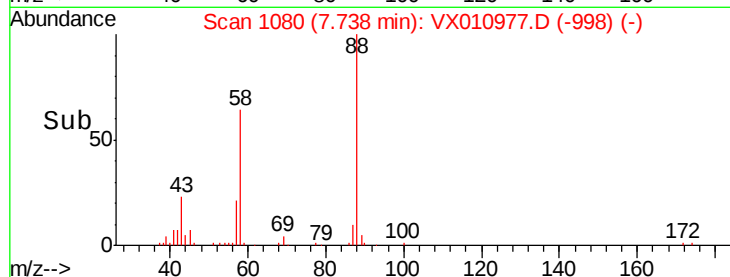
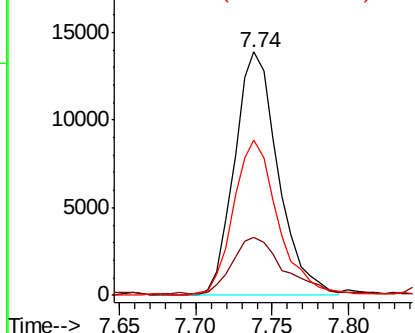
#45
 1,4-Dioxane
 Concen: 385.160 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 27440
 Ion Ratio Lower Upper
 88 100
 43 27.0 21.6 32.4
 58 65.2 52.2 78.2

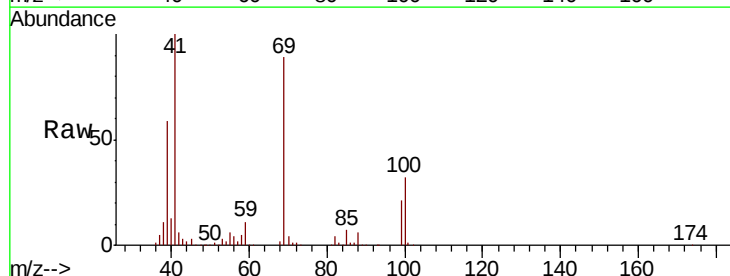


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

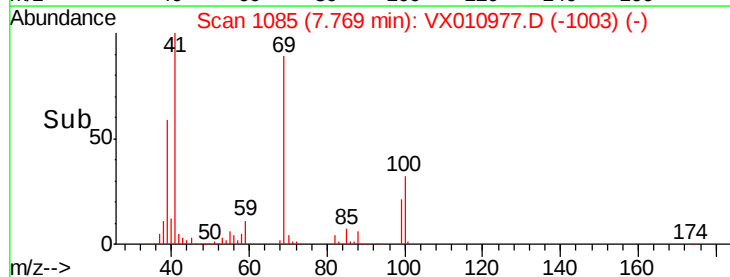
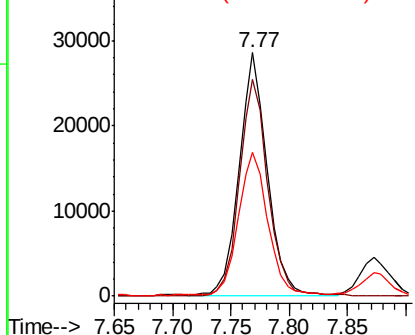


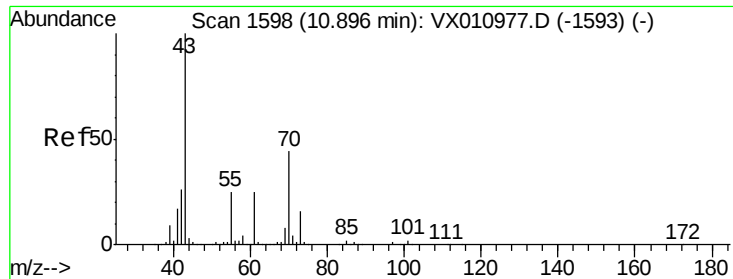
#46
 Methyl methacrylate
 Concen: 14.039 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Tgt Ion: 41 Resp: 47758
 Ion Ratio Lower Upper
 41 100
 69 89.4 44.7 134.1
 39 58.8 29.4 88.2



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

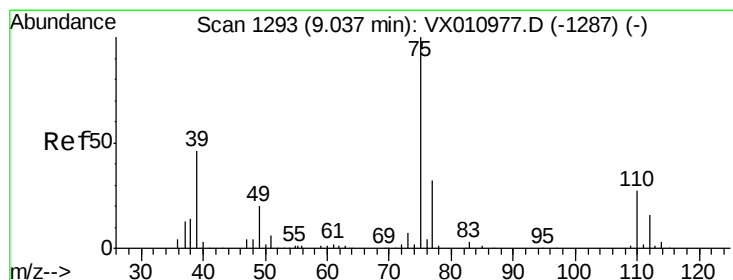
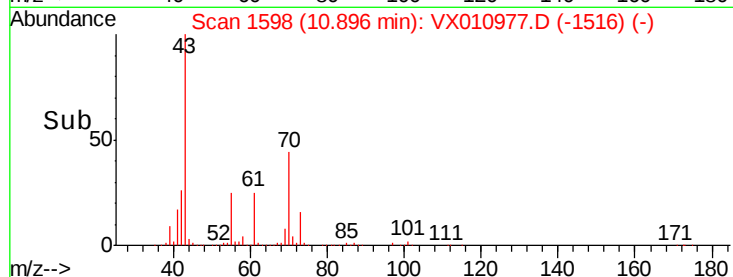
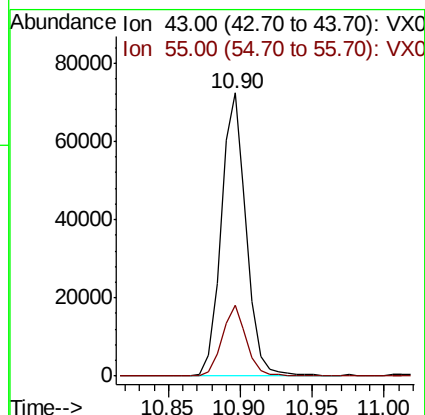
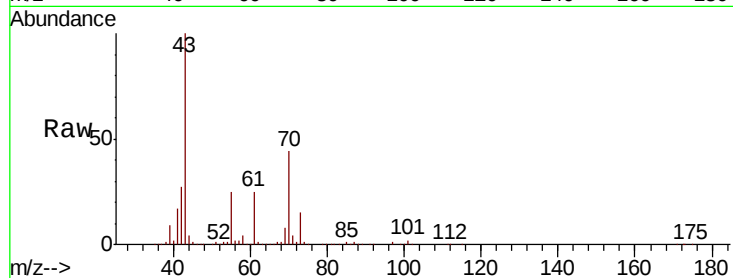




#47
n-amvl Acetate
Concen: 14.131 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

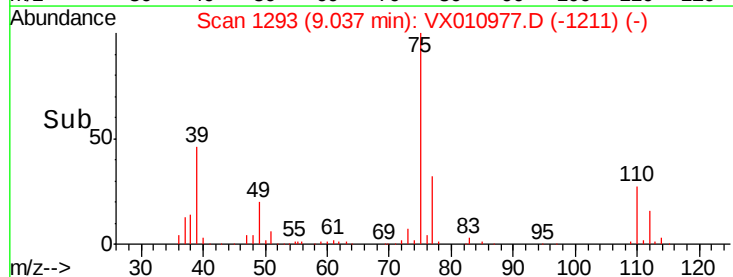
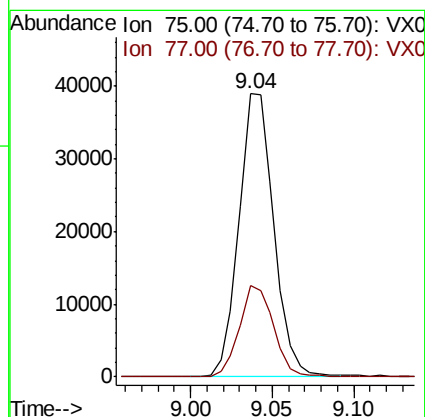
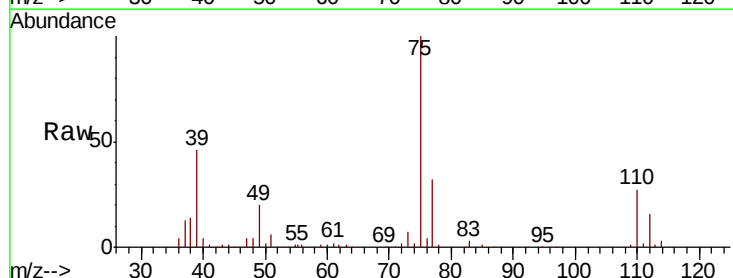
Instrument :
MSVOA_X
ClientSampleId :

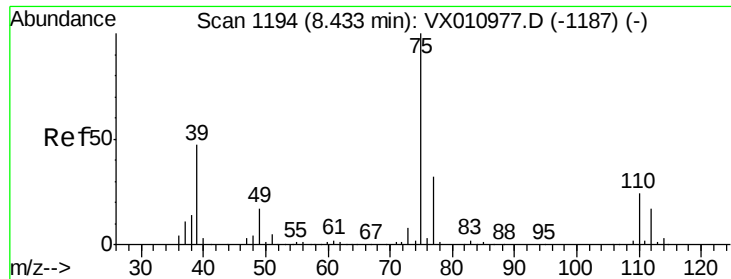
Tot Ion: 43 Resp: 87298
Ion Ratio Lower Upper
43 100
55 24.5 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 16.004 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 75 Resp: 58230
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

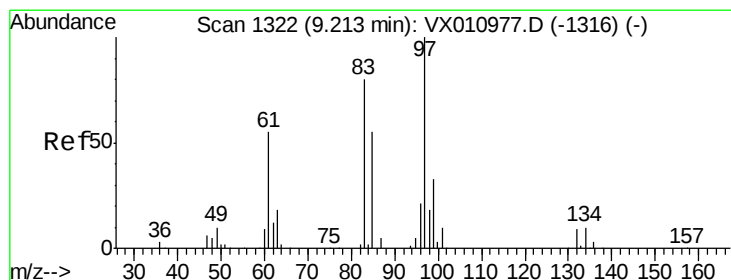
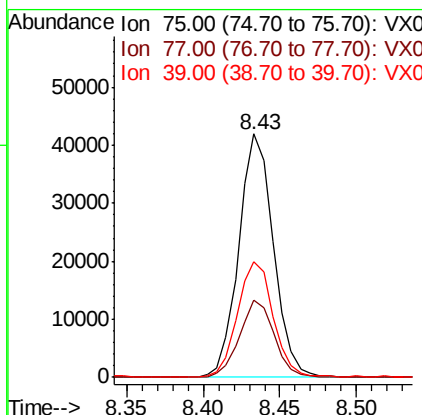
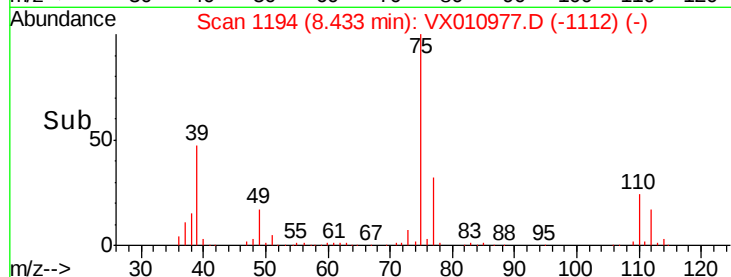
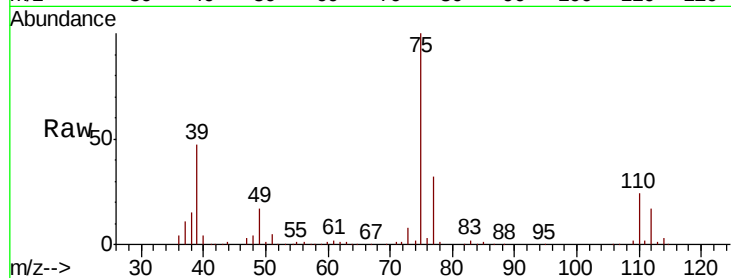




#49
 cis-1,3-Dichloropropene
 Concen: 16.489 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

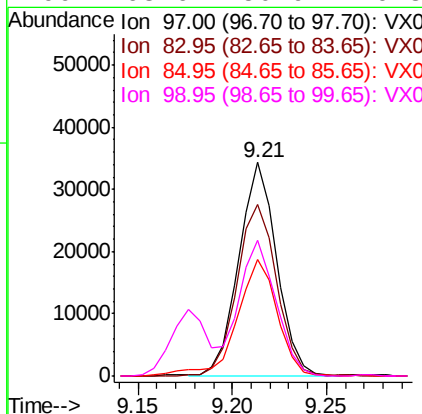
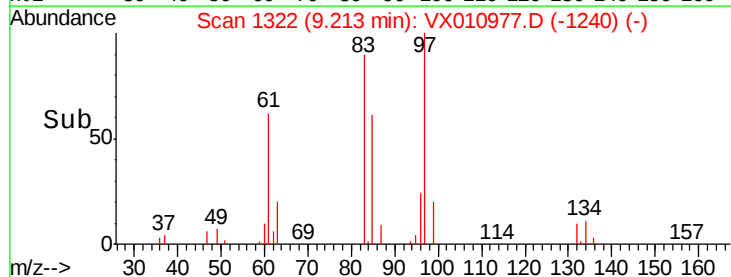
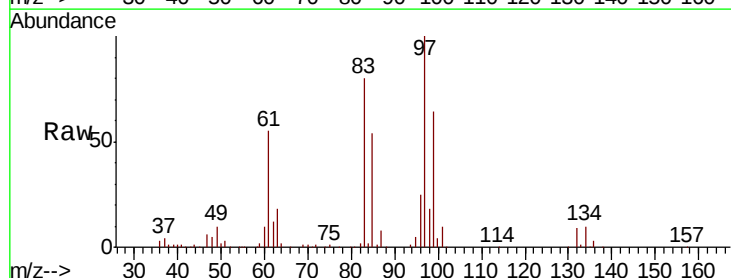
Instrument :
 MSVOA_X
 ClientSampleId :

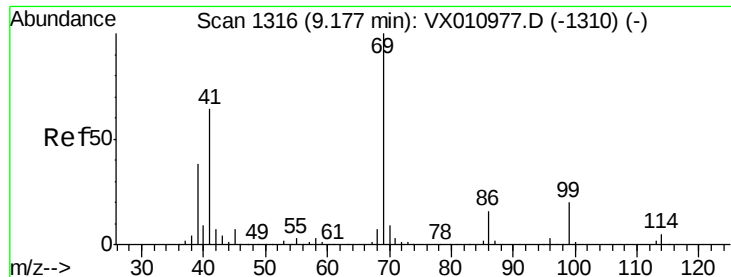
Tot Ion: 75 Resp: 66025
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 47.2 37.8 56.6



#50
 1,1,2-Trichloroethane
 Concen: 19.788 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Tgt Ion: 97 Resp: 47979
 Ion Ratio Lower Upper
 97 100
 83 79.9 63.9 95.9
 85 54.3 43.4 65.2
 99 63.6 50.9 76.3





#51

Ethyl methacrylate

Concen: 16.546 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

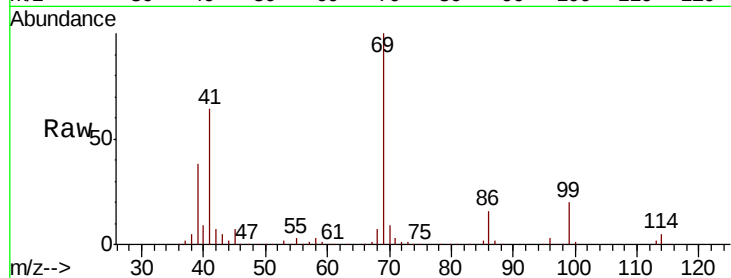
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 69 Resp: 71560

Ion	Ratio	Lower	Upper
69	100		
41	64.2	32.1	96.3
39	38.2	19.1	57.3

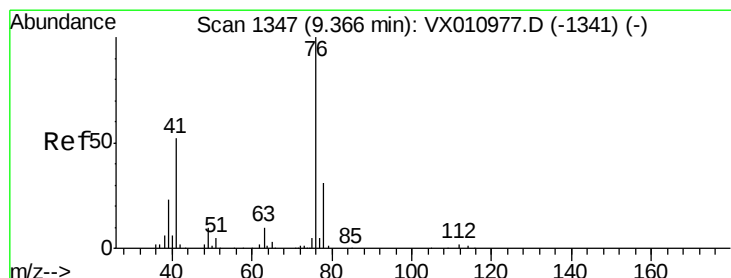
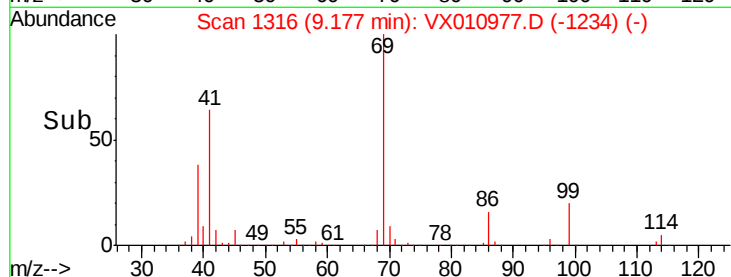
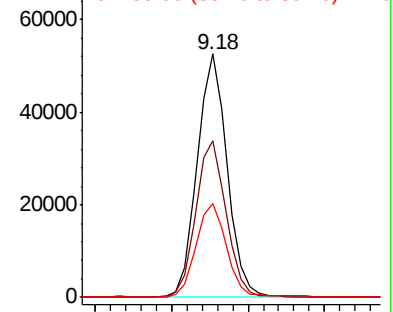


Abundance

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



#52

1,3-Dichloropropane

Concen: 18.341 ug/l

RT: 9.37 min Scan# 1347

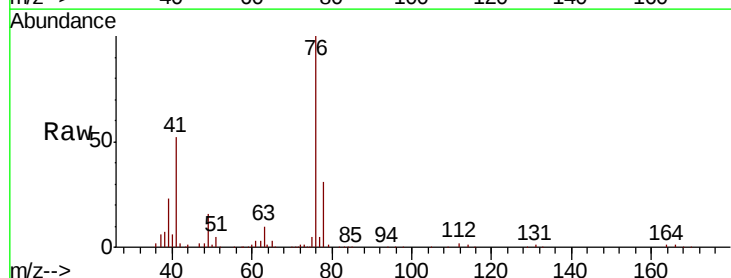
Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Tgt Ion: 76 Resp: 77510

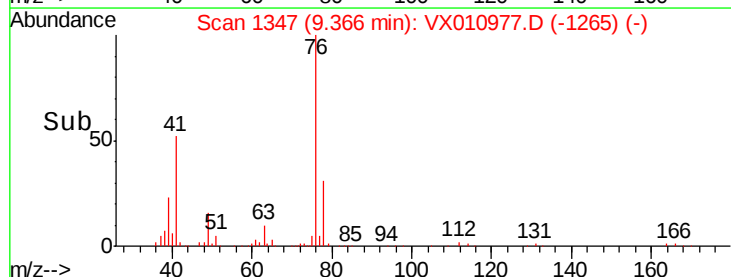
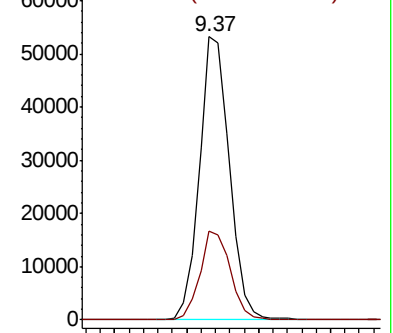
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	63.8

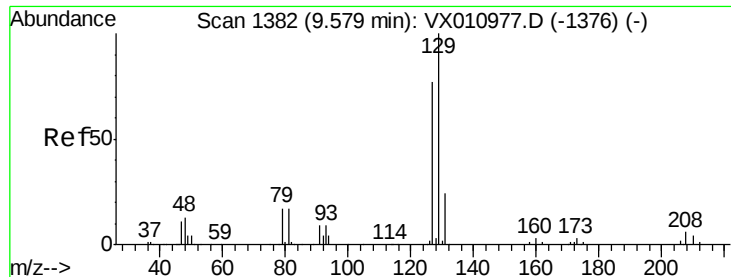


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

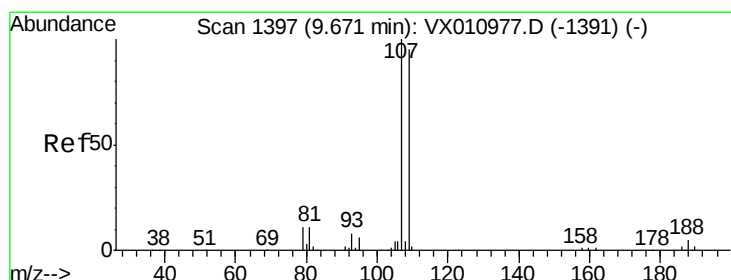
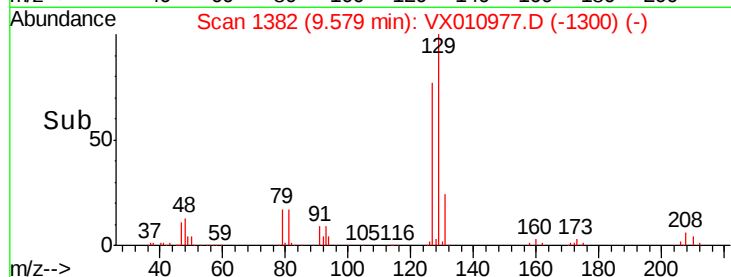
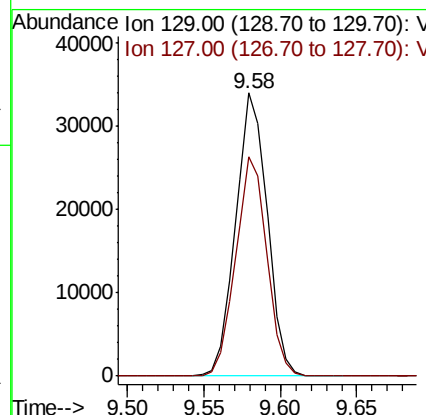
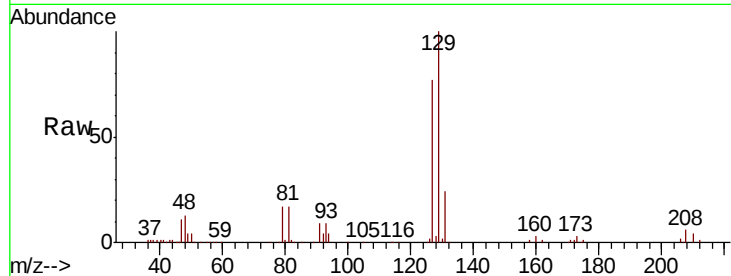




#53
 Dibromochloromethane
 Concen: 19.966 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

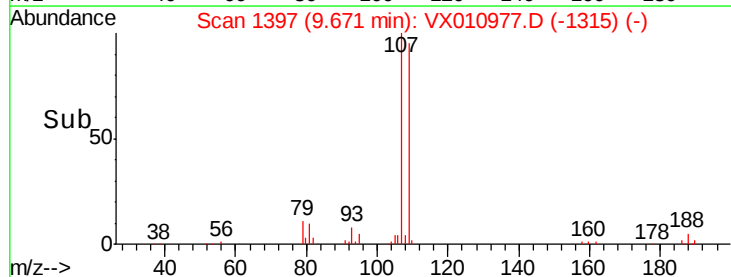
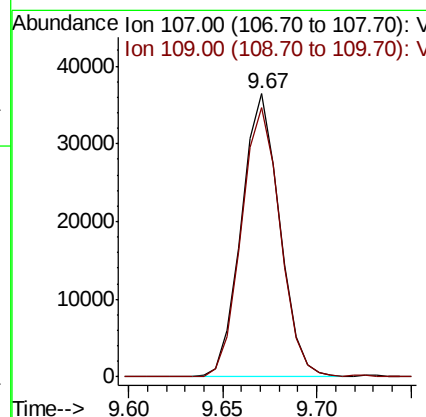
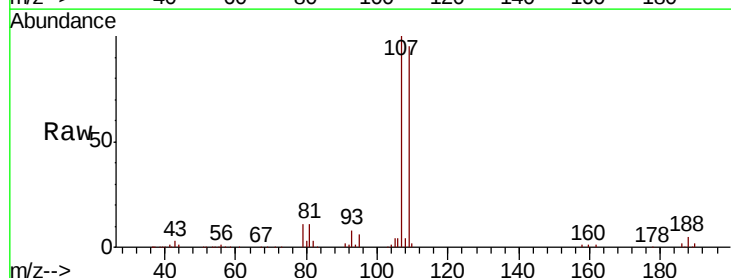
Instrument :
 MSVOA_X
 ClientSampleId :

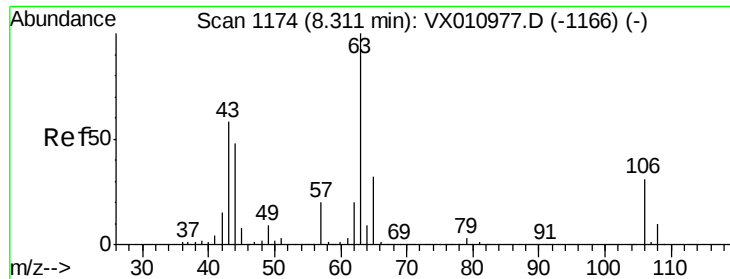
Tot Ion:129 Resp: 48731
 Ion Ratio Lower Upper
 129 100
 127 76.2 38.1 114.3



#54
 1,2-Dibromoethane
 Concen: 20.439 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Tgt Ion:107 Resp: 51362
 Ion Ratio Lower Upper
 107 100
 109 96.4 77.1 115.7





#55

2-Chloroethyl vinyl ether

Concen: 70.946 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

ClientSampleId :

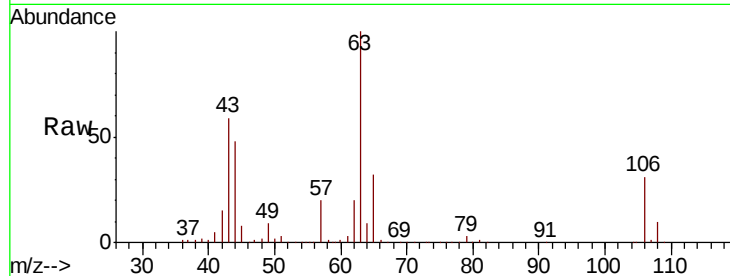
Tot Ion: 63 Resp: 156825

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5

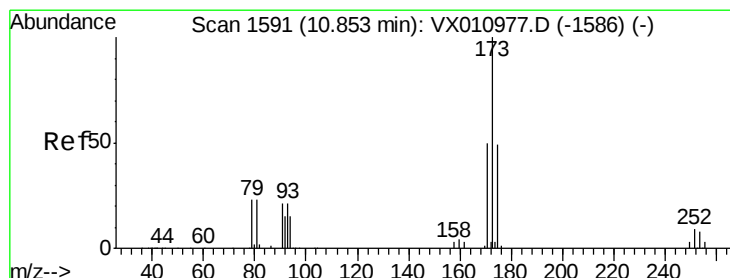
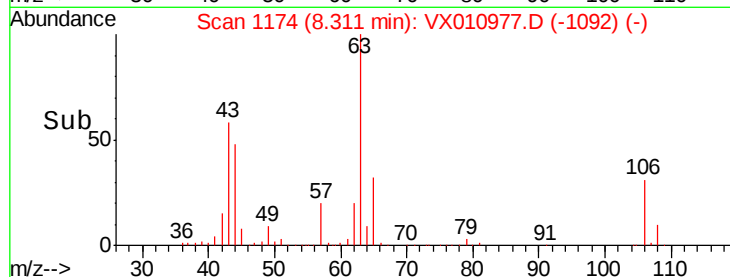
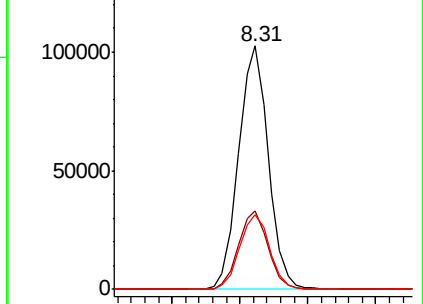
106 31.0 24.8 37.2



Abundance Ion 63.00 (62.70 to 63.70): VX010977.D (-1166) (-)

Ion 65.00 (64.70 to 65.70): VX010977.D (-1166) (-)

Ion 106.00 (105.70 to 106.70): VX010977.D (-1166) (-)



#56

Bromoform

Concen: 18.698 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

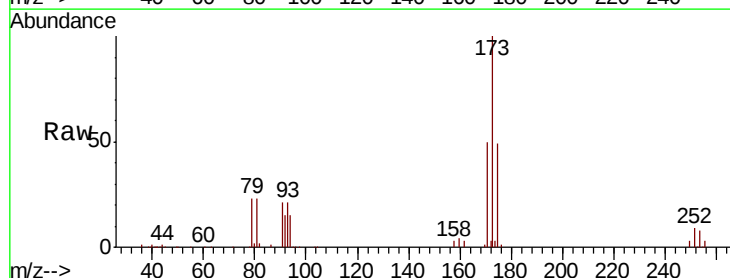
Tgt Ion: 173 Resp: 34744

Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

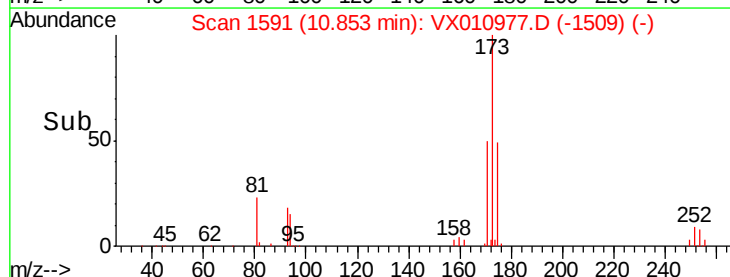
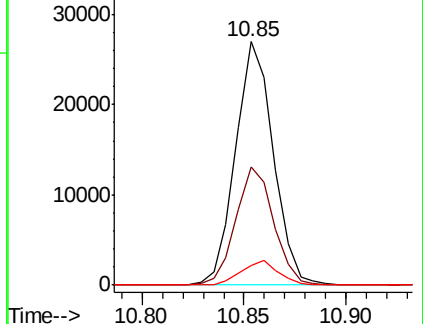
254 9.9 7.9 11.9

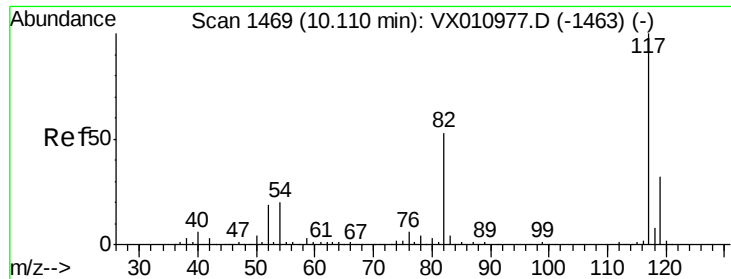


Abundance Ion 173.00 (172.70 to 173.70): VX010977.D (-1586) (-)

Ion 175.00 (174.70 to 175.70): VX010977.D (-1586) (-)

Ion 254.00 (253.70 to 254.70): VX010977.D (-1586) (-)

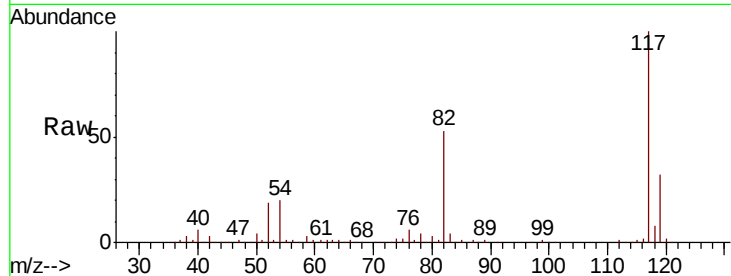




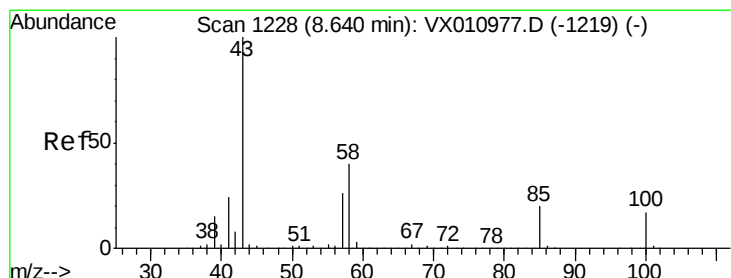
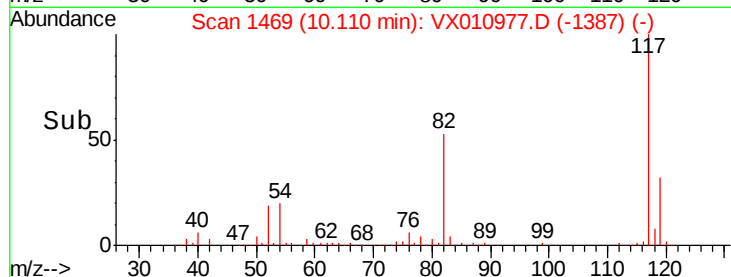
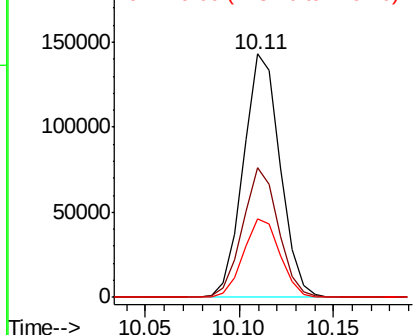
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 193469
Ion Ratio Lower Upper
117 100
82 52.0 41.6 62.4
119 32.5 26.0 39.0

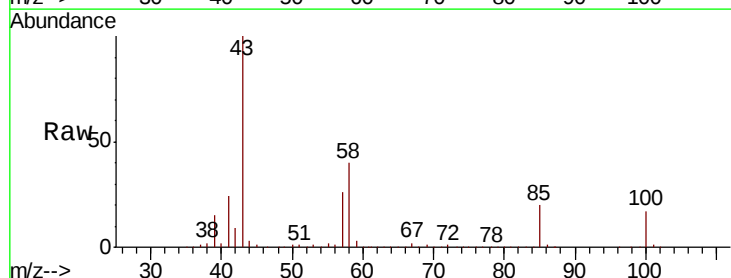


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

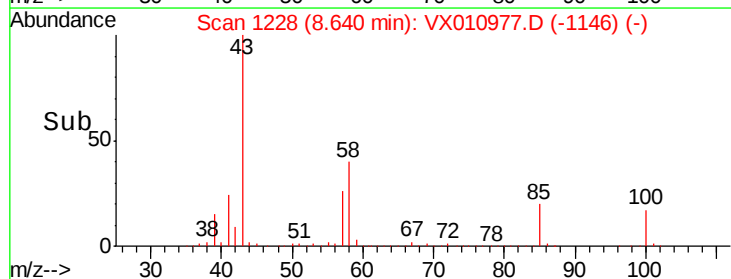
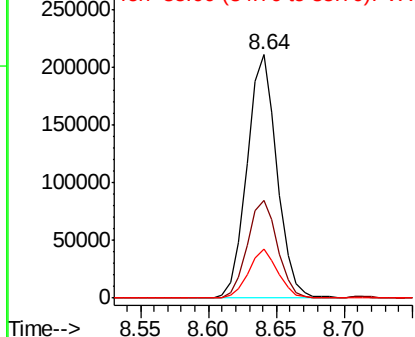


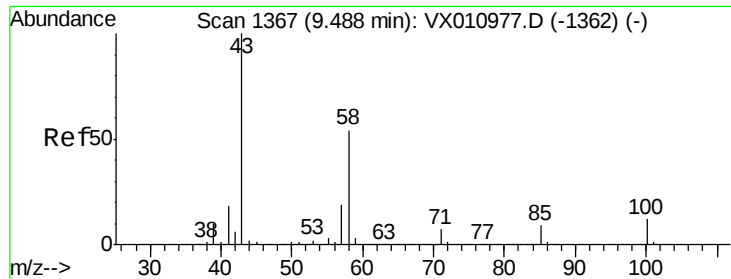
#58
4-Methyl-2-Pentanone
Concen: 73.091 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 43 Resp: 326244
Ion Ratio Lower Upper
43 100
58 40.7 32.6 48.8
85 19.7 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

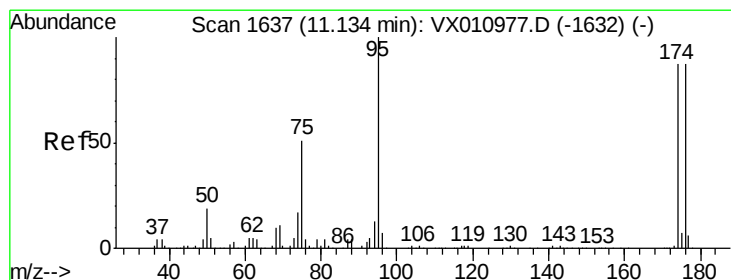
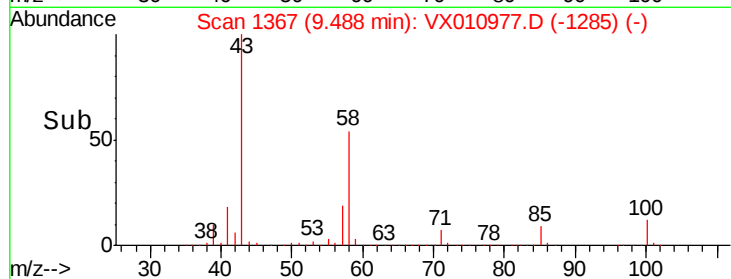
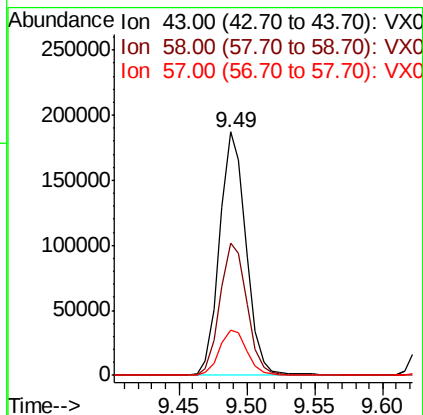
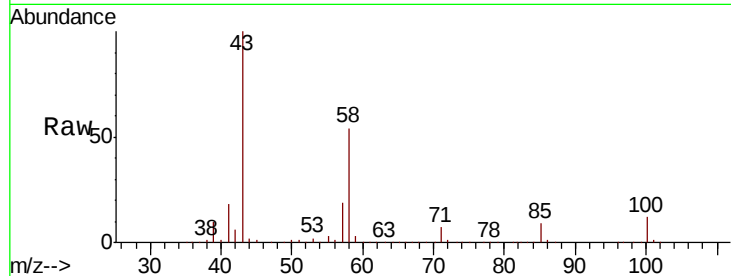




#59
2-Hexanone
Concen: 71.897 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

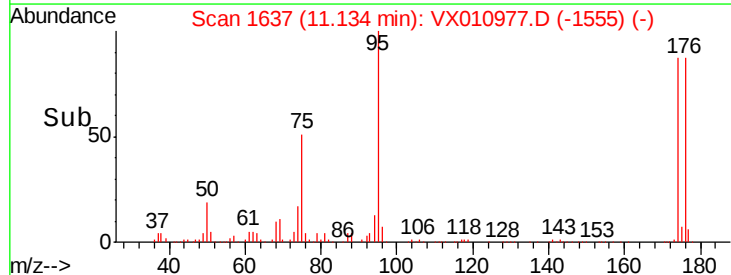
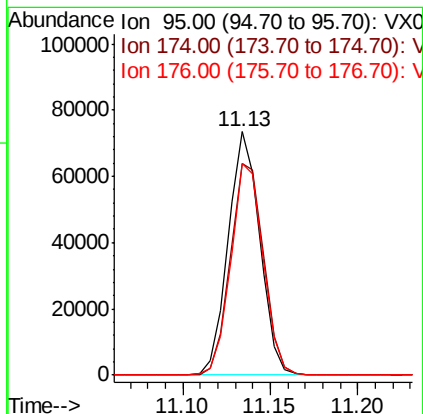
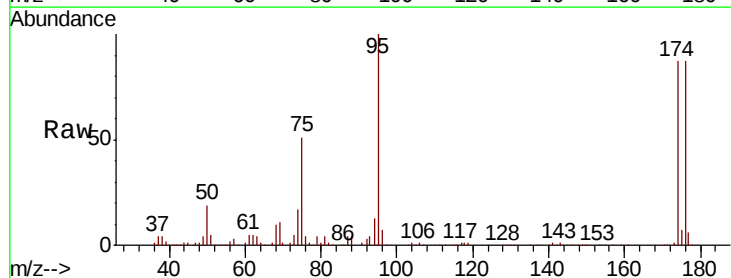
Instrument :
MSVOA_X
ClientSampled :

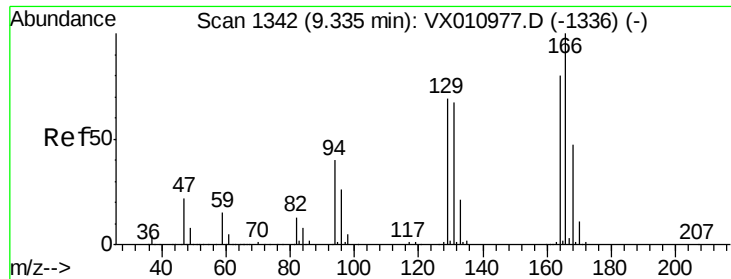
Tot Ion: 43 Resp: 250658
Ion Ratio Lower Upper
43 100
58 55.9 44.7 67.1
57 19.3 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 28.438 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 95 Resp: 92059
Ion Ratio Lower Upper
95 100
174 91.6 73.3 109.9
176 89.0 71.2 106.8

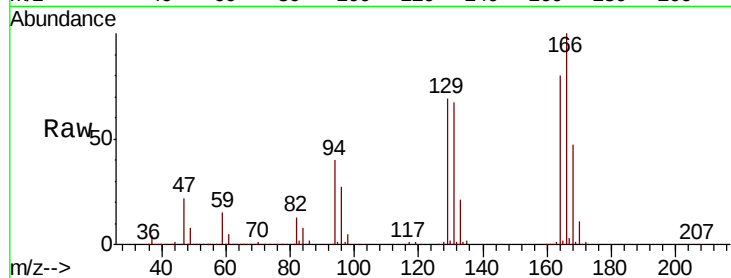




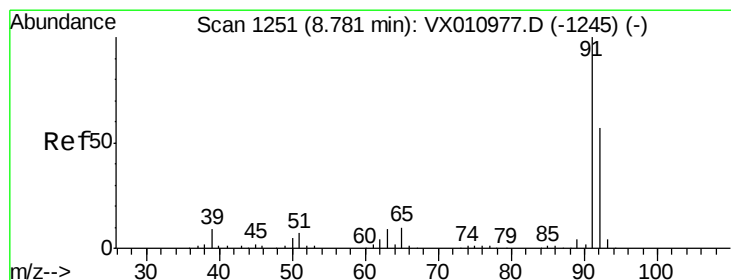
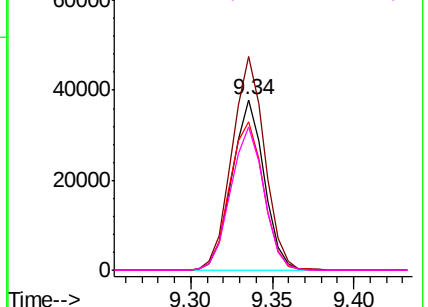
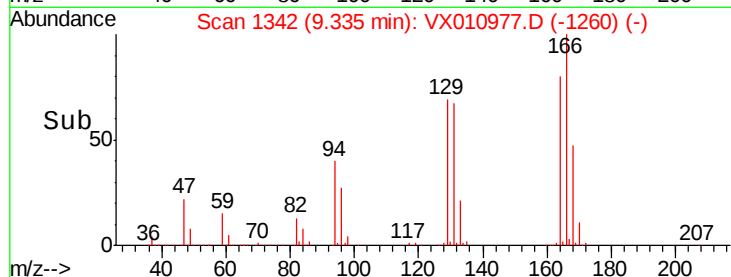
#61
Tetrachloroethene
Concen: 23.449 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 52278
Ion Ratio Lower Upper
164 100
166 125.1 100.1 150.1
129 87.0 69.6 104.4
131 83.8 67.0 100.6

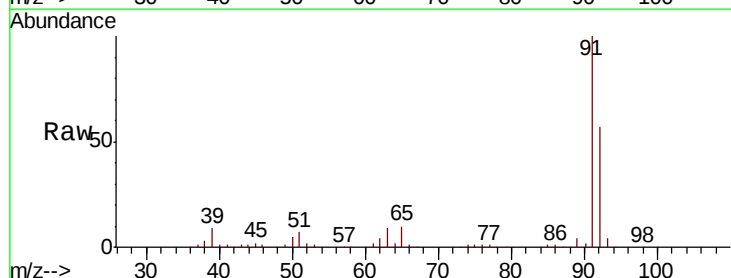


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

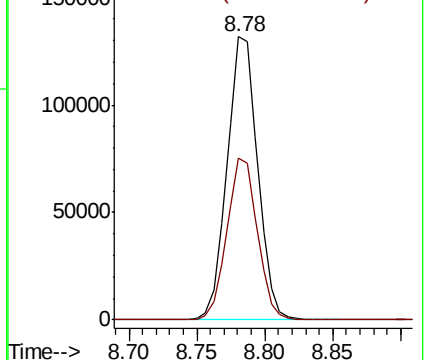
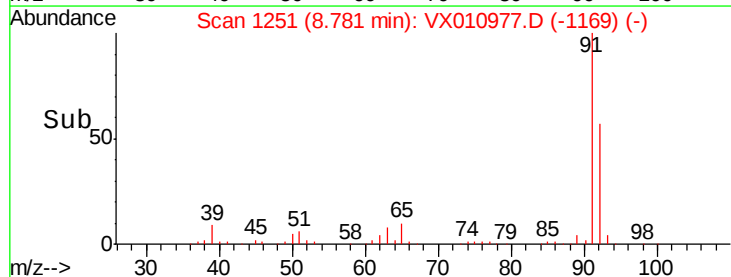


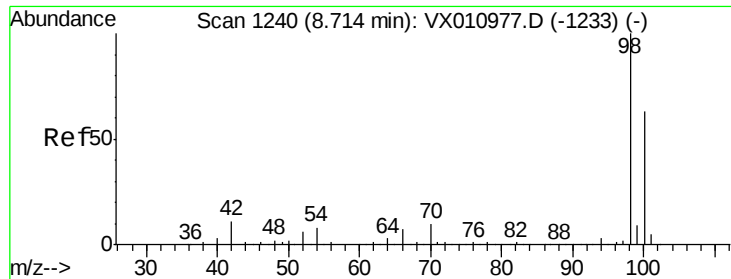
#62
Toluene
Concen: 19.960 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 91 Resp: 205973
Ion Ratio Lower Upper
91 100
92 56.8 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

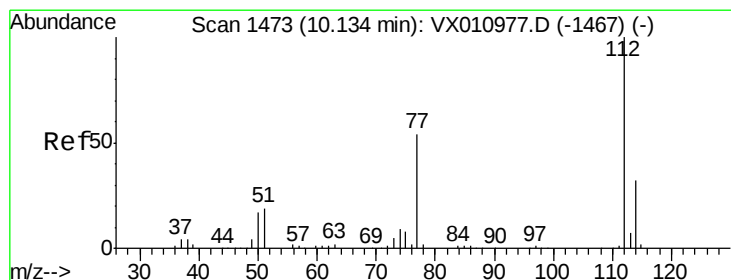
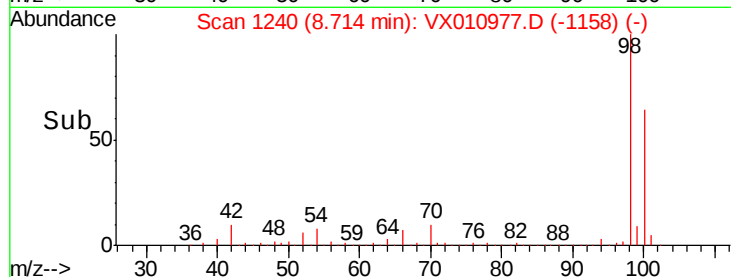
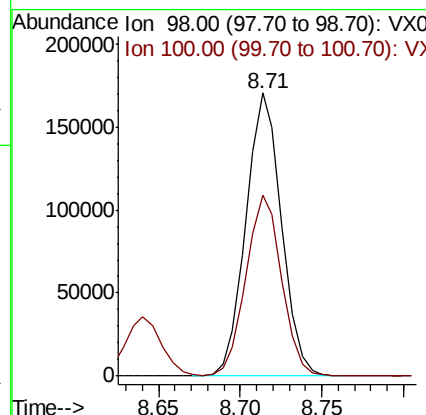
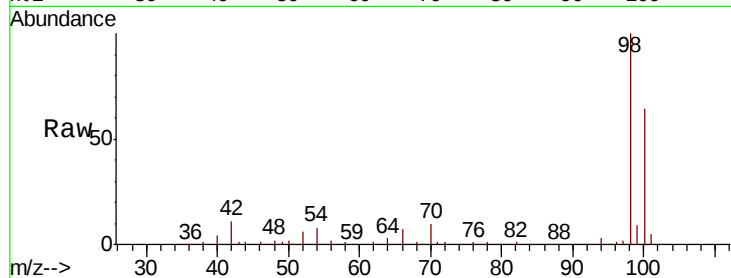




#63
Toluene-d8
Concen: 28.655 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

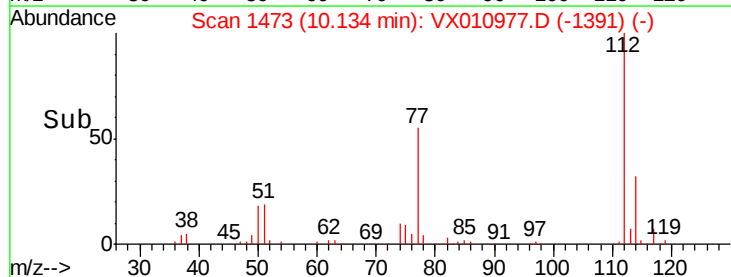
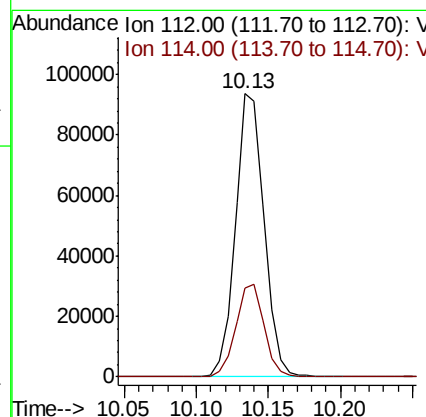
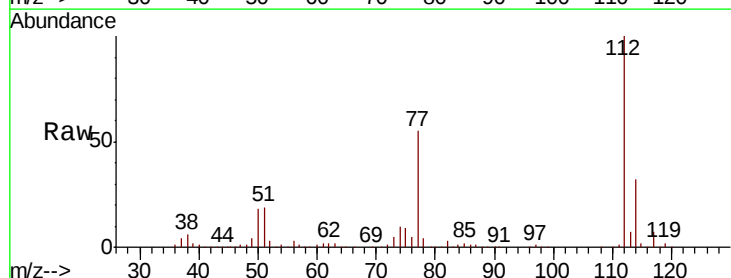
Instrument :
MSVOA_X
ClientSampleId :

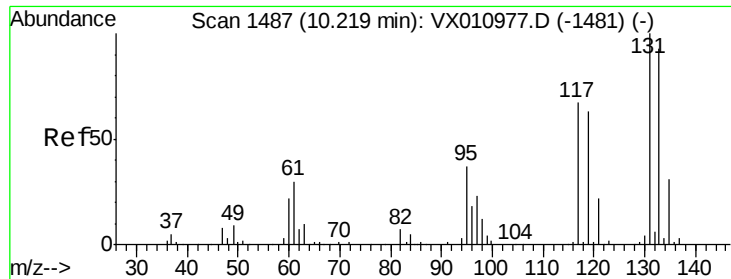
Tot Ion: 98 Resp: 258666
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#64
Chlorobenzene
Concen: 20.689 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 112 Resp: 130318
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

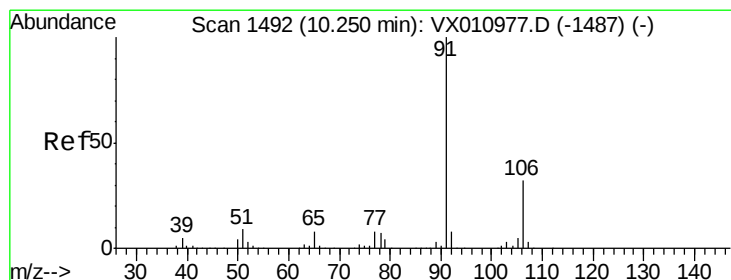
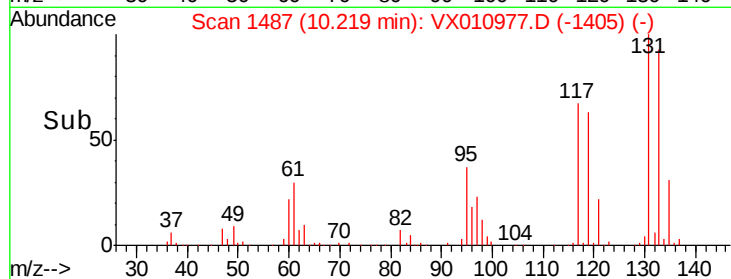
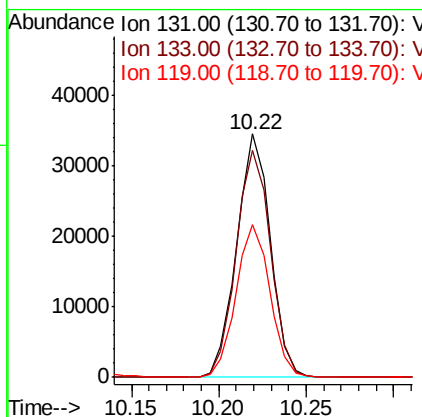
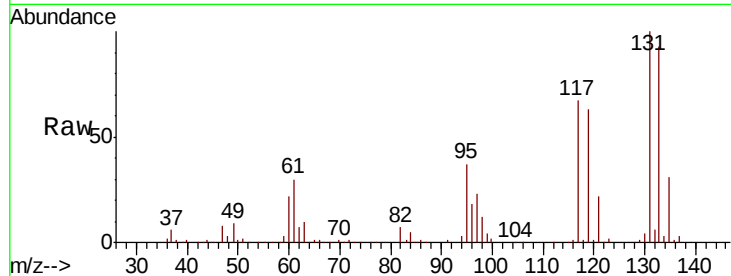




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.200 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

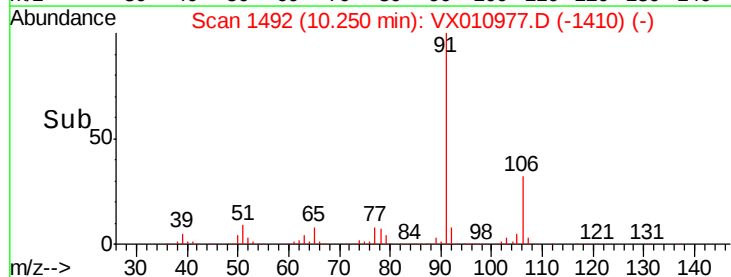
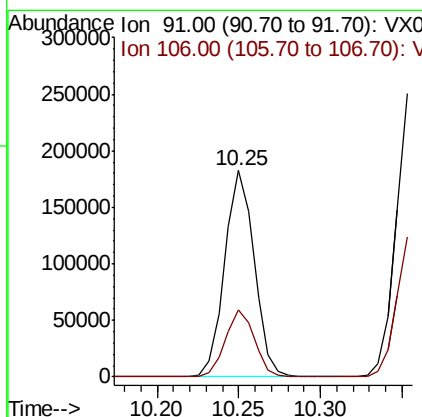
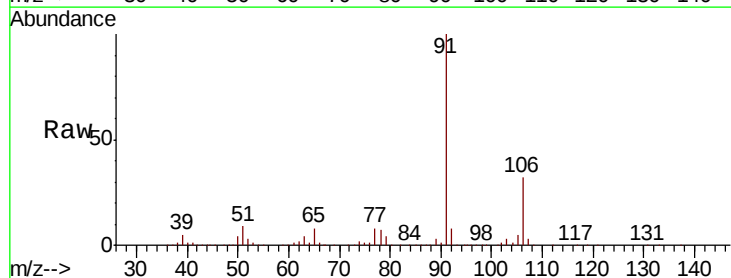
Instrument :
 MSVOA_X
 ClientSampleId :

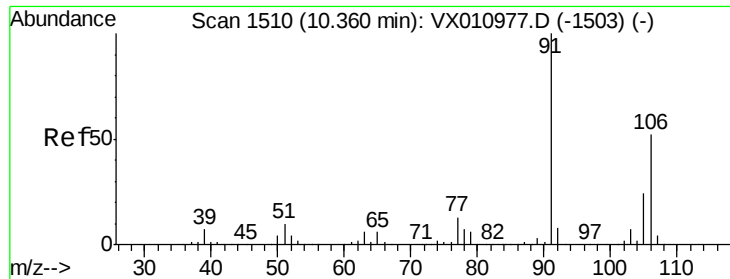
Tot Ion:131 Resp: 46434
 Ion Ratio Lower Upper
 131 100
 133 95.1 0.0 190.2
 119 63.5 0.0 127.0



#66
 Ethyl Benzene
 Concen: 19.919 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Tgt Ion: 91 Resp: 229433
 Ion Ratio Lower Upper
 91 100
 106 32.3 25.8 38.8

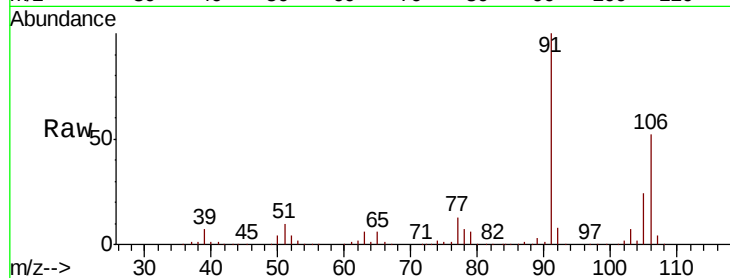




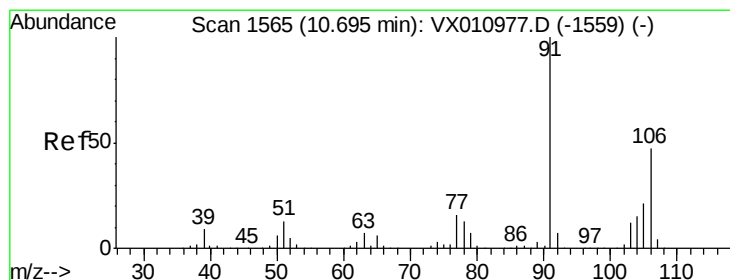
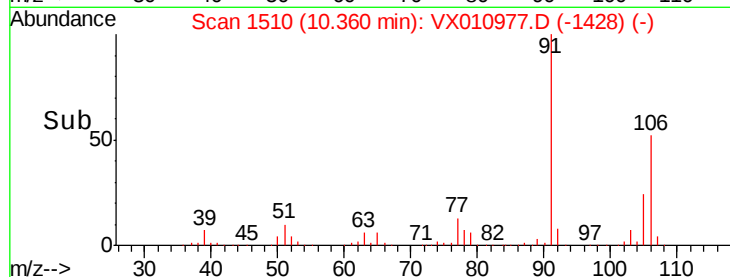
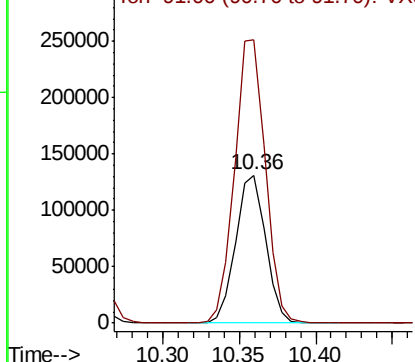
#67
m/p-Xvlenes
Concen: 41.924 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 178748
Ion Ratio Lower Upper
106 100
91 195.8 156.6 235.0

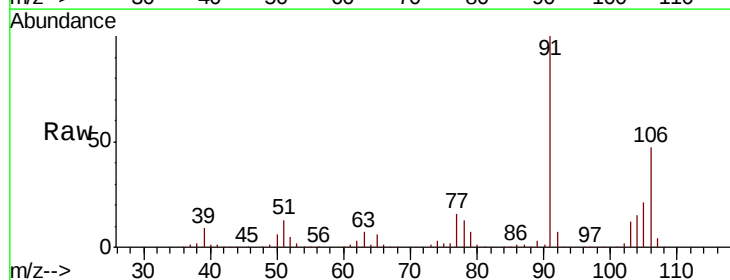


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

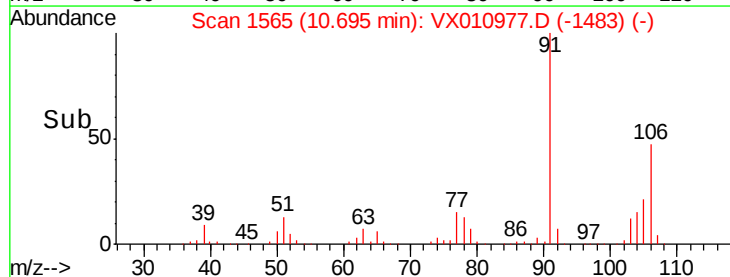
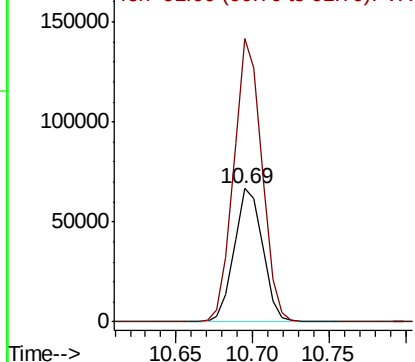


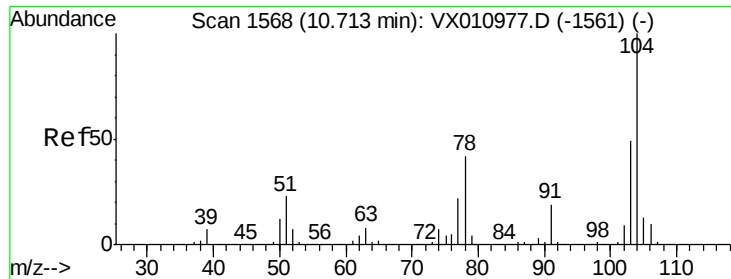
#68
o-Xylene
Concen: 20.604 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion:106 Resp: 86232
Ion Ratio Lower Upper
106 100
91 208.0 104.0 312.0



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

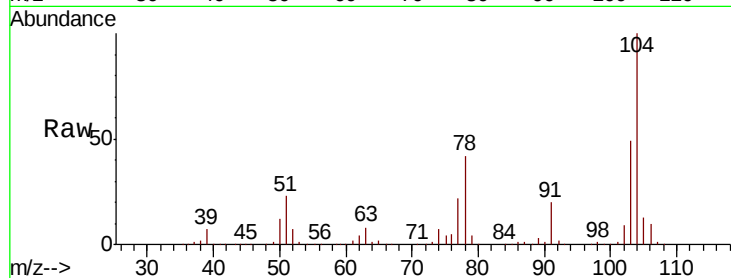




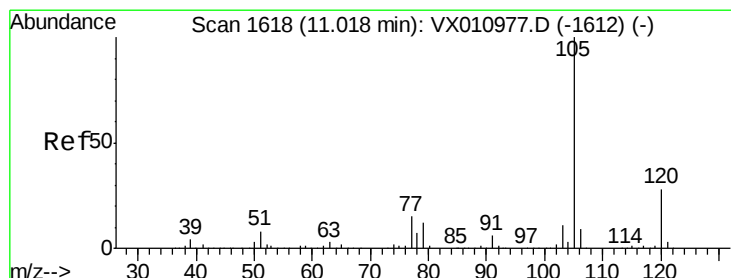
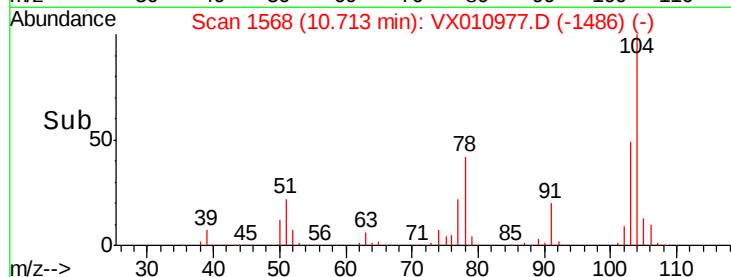
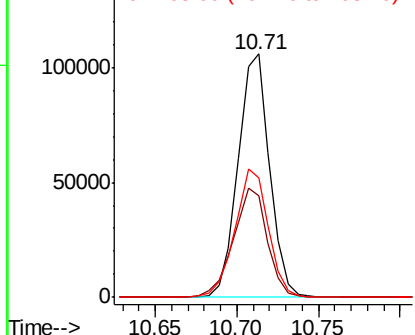
#69
Stvrene
Concen: 19.687 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 142954
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.8 44.6 67.0

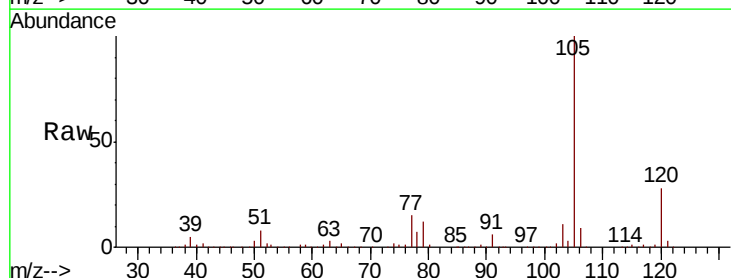


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

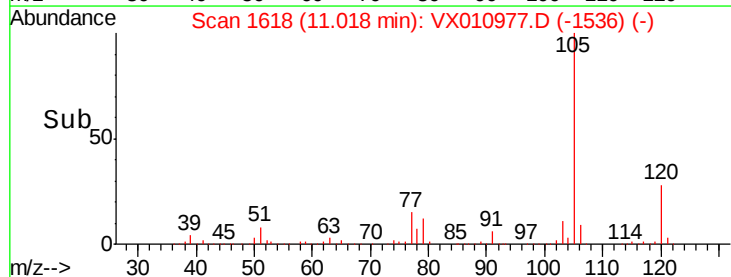
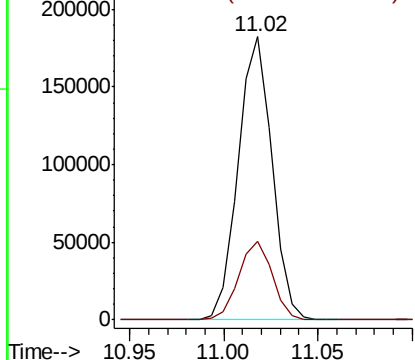


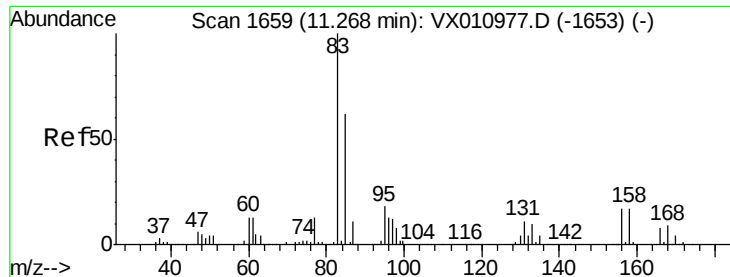
#70
Isopropylbenzene
Concen: 20.310 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion:105 Resp: 227013
Ion Ratio Lower Upper
105 100
120 27.7 19.4 36.0



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

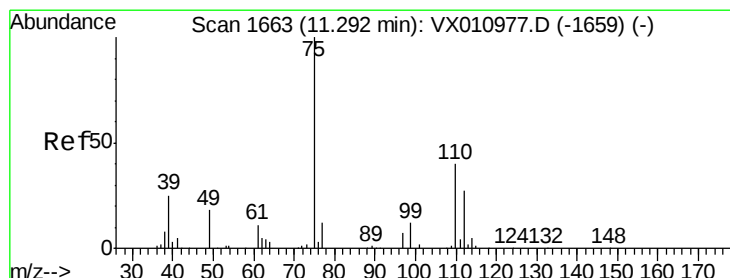
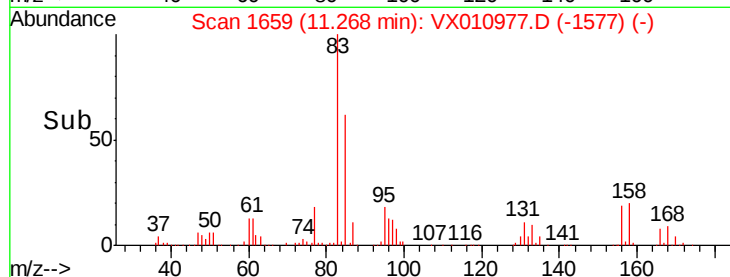
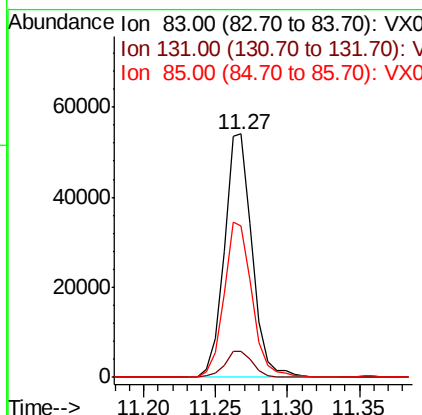
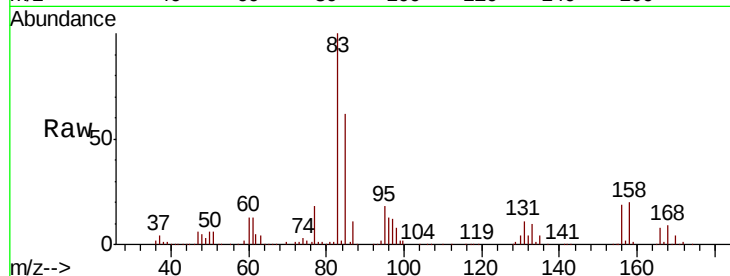




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.321 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

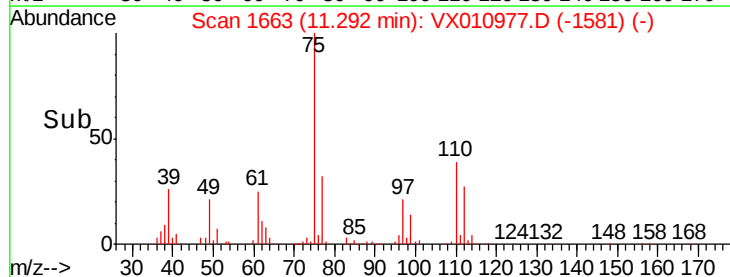
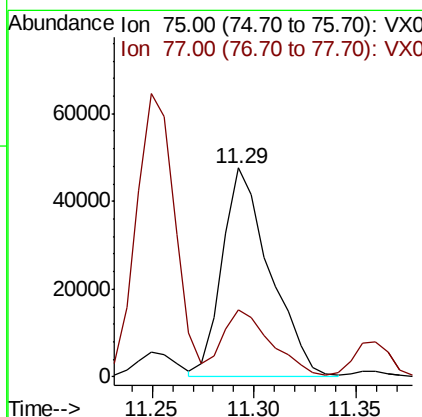
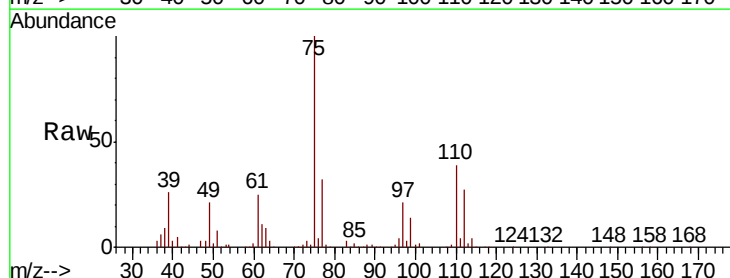
Instrument :
 MSVOA_X
 ClientSampleId :

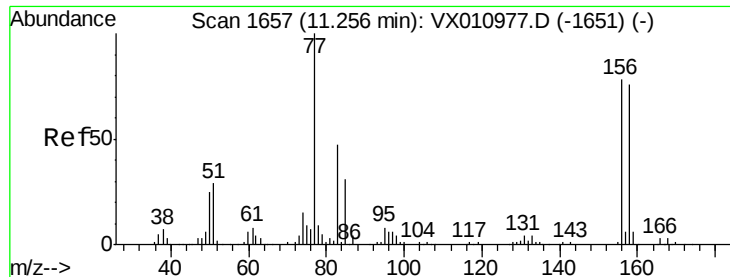
Tot Ion: 83 Resp: 73503
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.5 16.4
 85 64.2 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 22.679 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Tgt Ion: 75 Resp: 77440
 Ion Ratio Lower Upper
 75 100
 77 32.9 0.0 84.0





#73

Bromobenzene

Concen: 21.778 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

ClientSampleId :

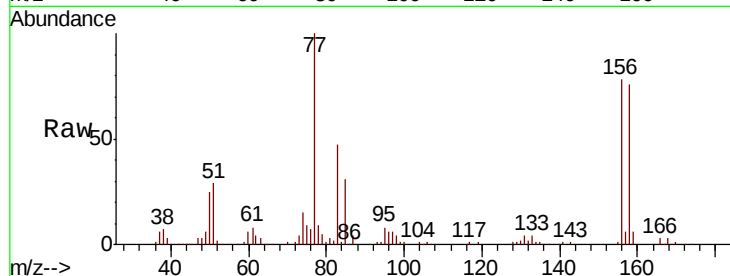
Tot Ion:156 Resp: 61337

Ion Ratio Lower Upper

156 100

77 137.9 0.0 275.8

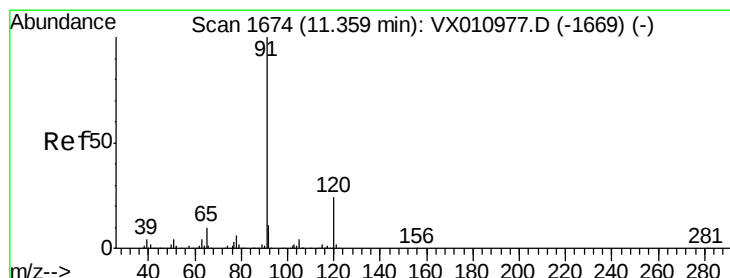
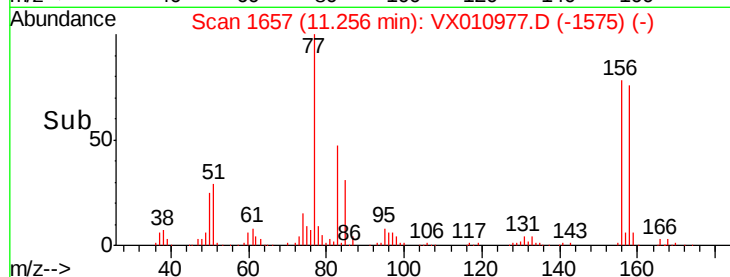
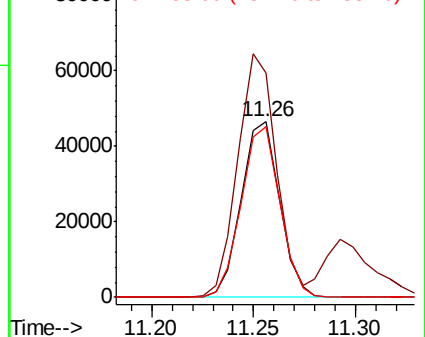
158 97.6 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.722 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010977.D

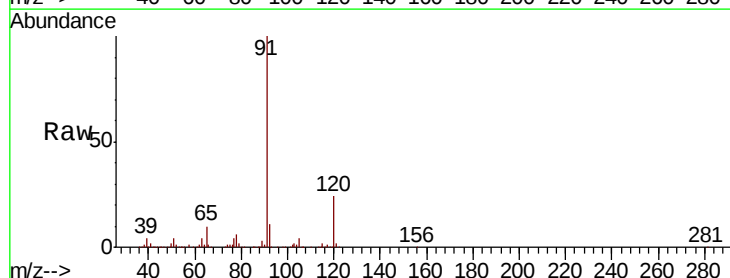
Acq: 18 Jul 2019 22:45

Tgt Ion: 91 Resp: 254157

Ion Ratio Lower Upper

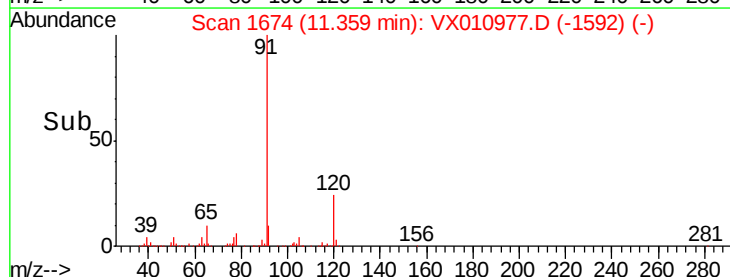
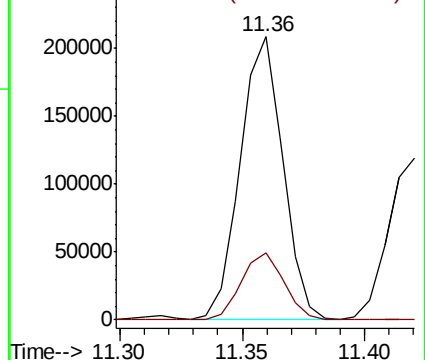
91 100

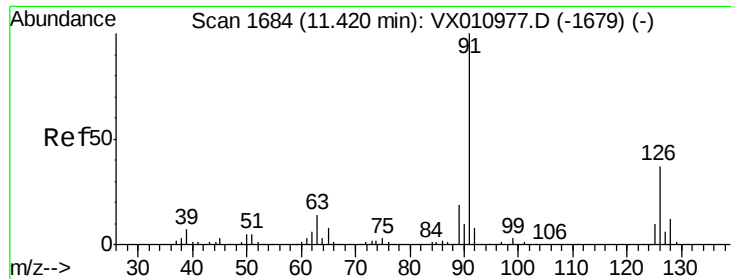
120 23.8 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.589 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

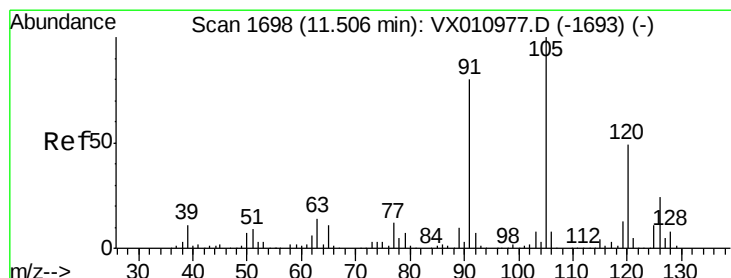
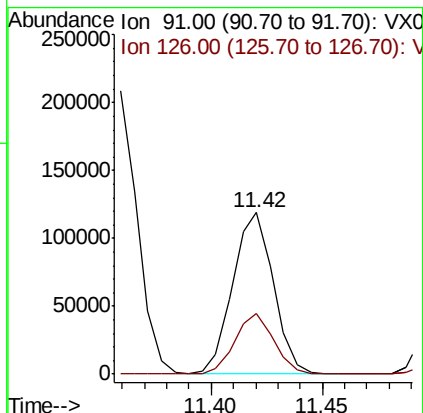
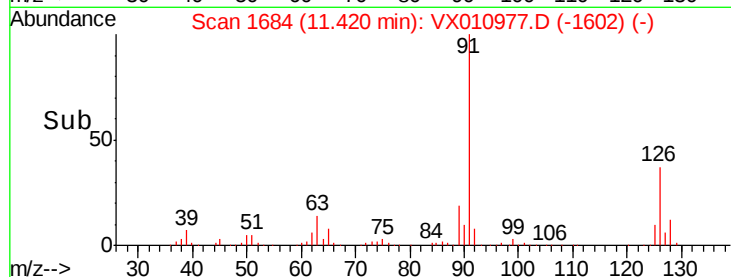
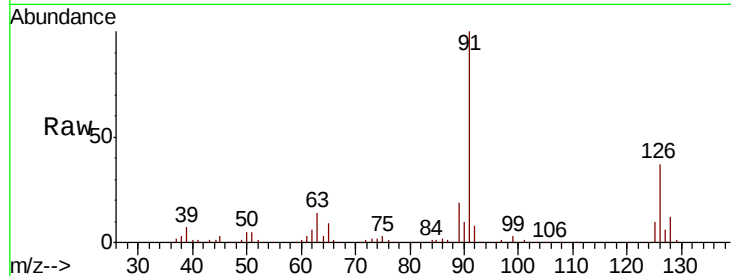
ClientSampleId :

Tot Ion: 91 Resp: 151014

Ion Ratio Lower Upper

91 100

126 36.2 0.0 72.4



#76

1,3,5-Trimethylbenzene

Concen: 20.327 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010977.D

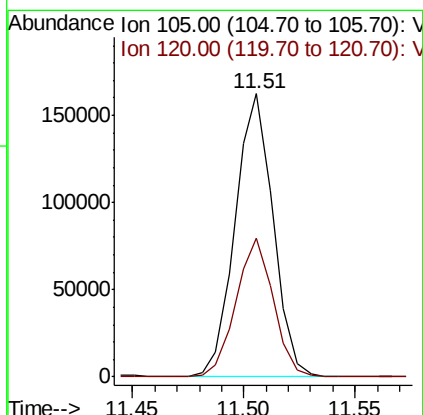
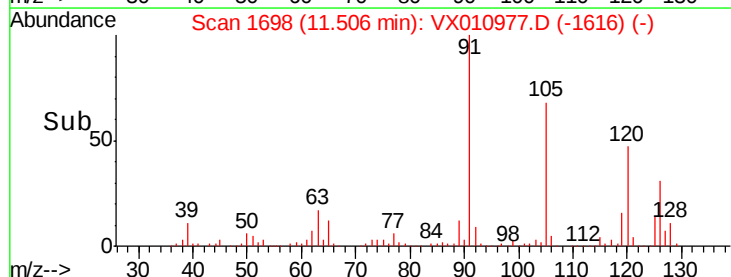
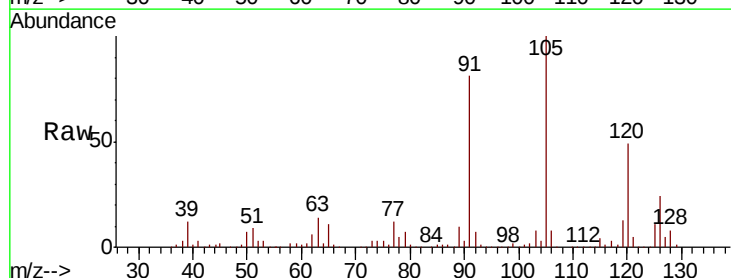
Acq: 18 Jul 2019 22:45

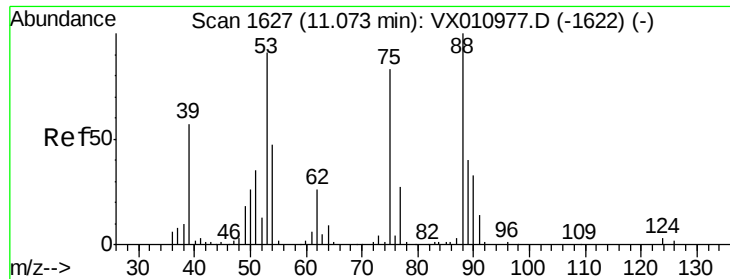
Tgt Ion:105 Resp: 192901

Ion Ratio Lower Upper

105 100

120 48.3 0.0 96.6





#77

t-1,4-Dichloro-2-butene

Concen: 13.091 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

ClientSampleId :

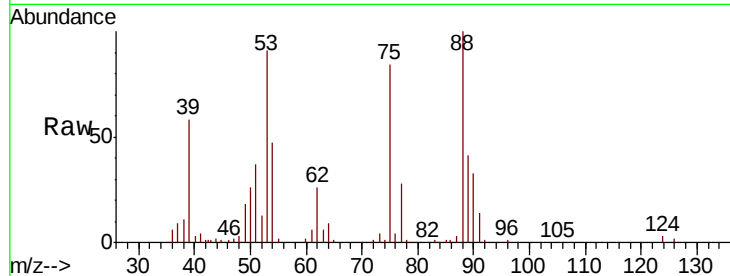
Tot Ion: 75 Resp: 17423

Ion Ratio Lower Upper

75 100

53 109.5 54.8 164.3

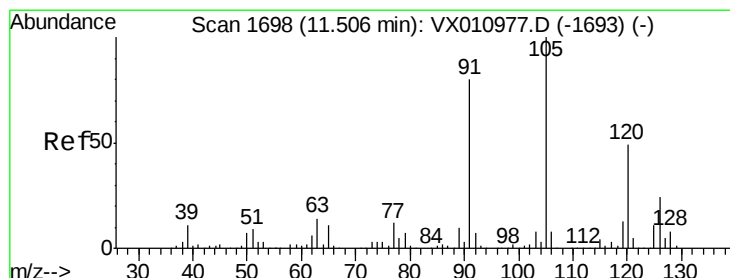
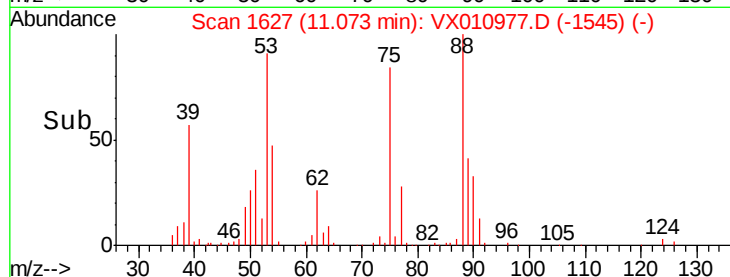
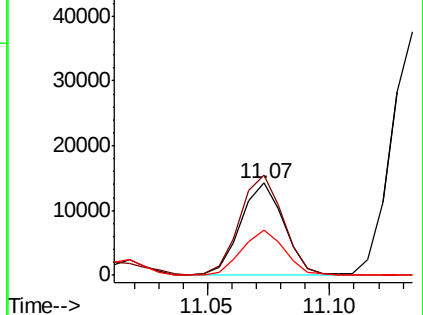
89 49.1 24.6 73.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.551 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010977.D

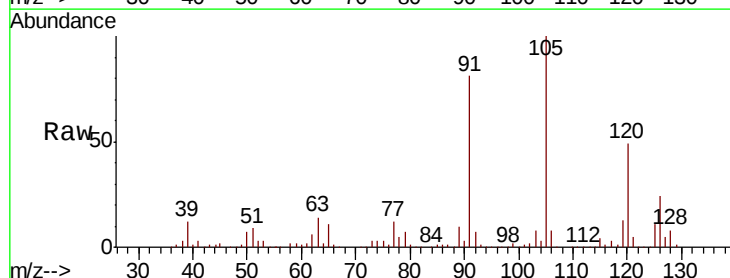
Acq: 18 Jul 2019 22:45

Tgt Ion: 91 Resp: 171714

Ion Ratio Lower Upper

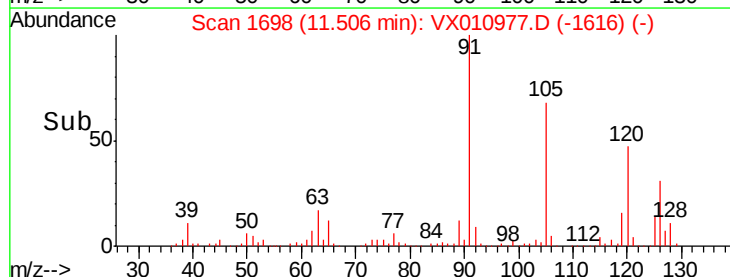
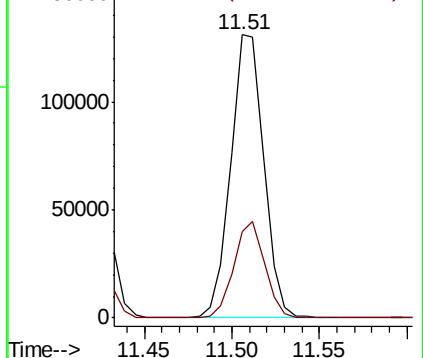
91 100

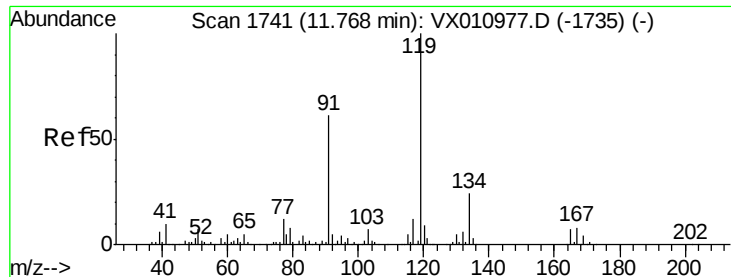
126 31.8 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 20.141 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

ClientSampleId :

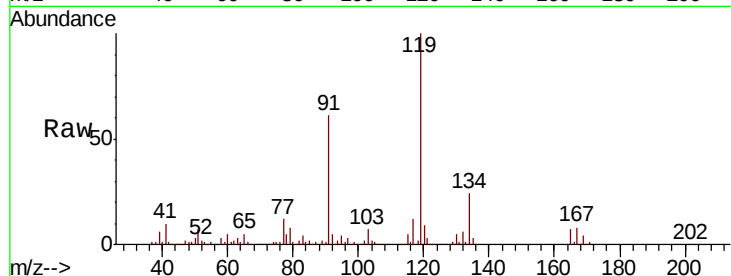
Tot Ion:119 Resp: 184387

Ion Ratio Lower Upper

119 100

91 59.2 0.0 118.4

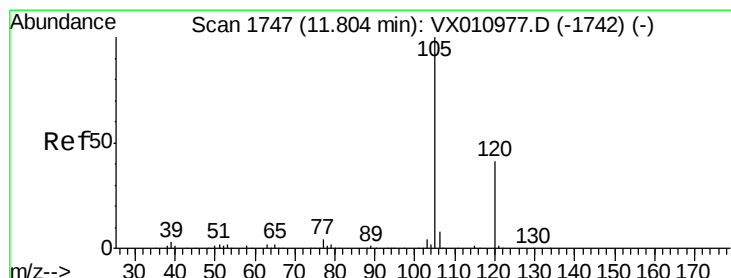
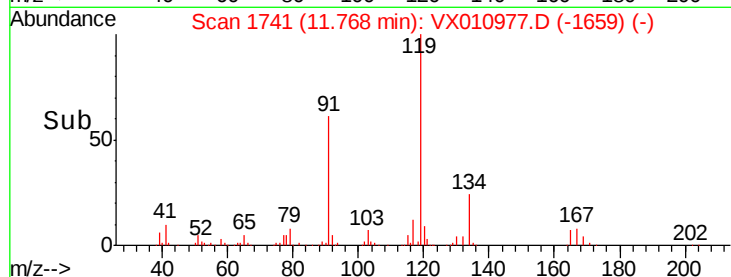
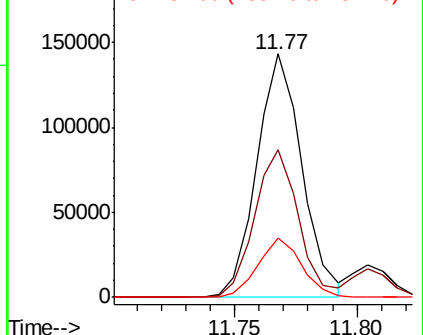
134 23.7 0.0 47.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.338 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010977.D

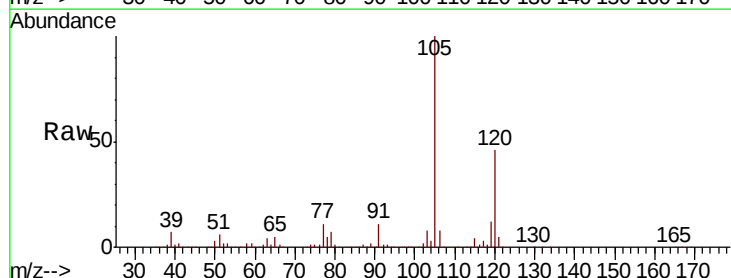
Acq: 18 Jul 2019 22:45

Tgt Ion:105 Resp: 193650

Ion Ratio Lower Upper

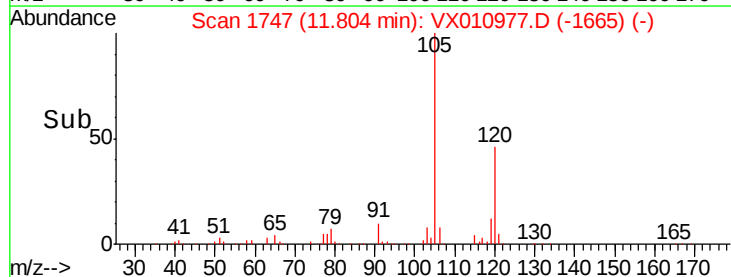
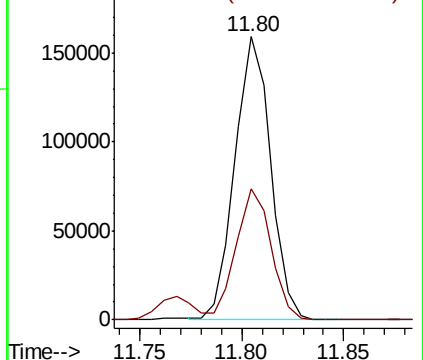
105 100

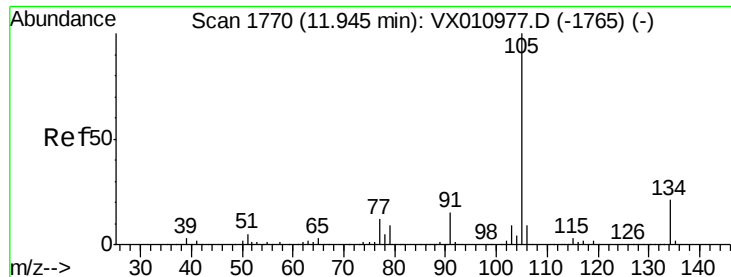
120 45.8 0.0 91.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

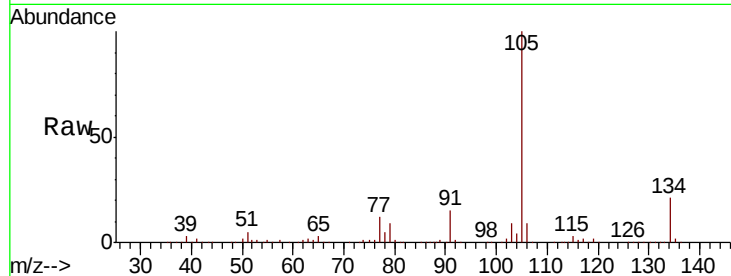




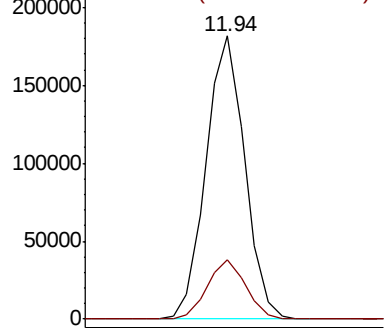
#81
 sec-Butylbenzene
 Concen: 20.179 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Instrument :
 MSVOA_X
 ClientSampleId :

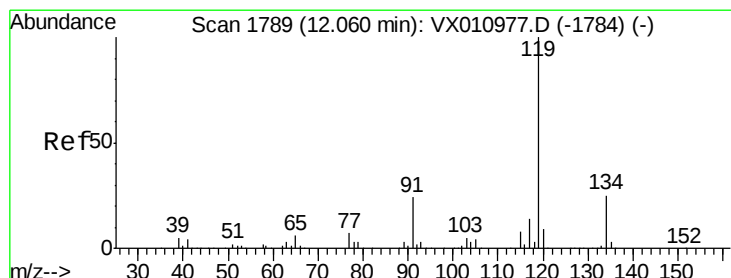
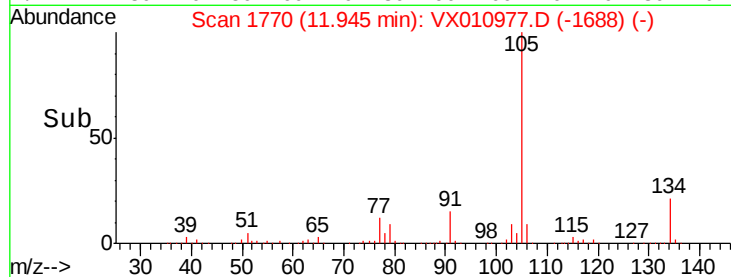
Tot Ion:105 Resp: 219752
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

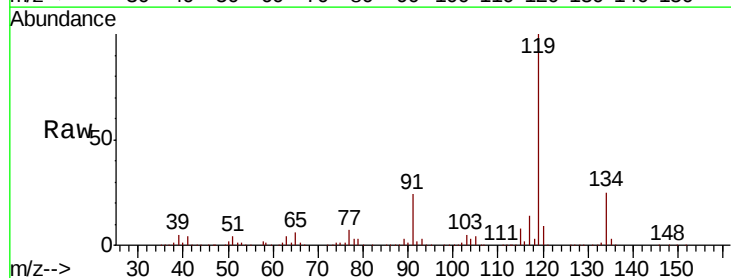


Time-->

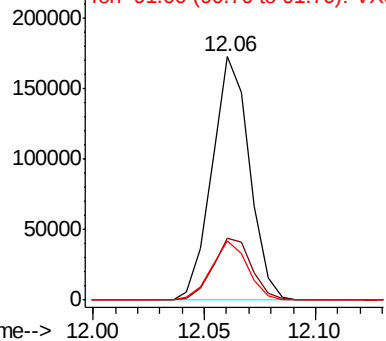


#82
 p-Isopropyltoluene
 Concen: 20.435 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

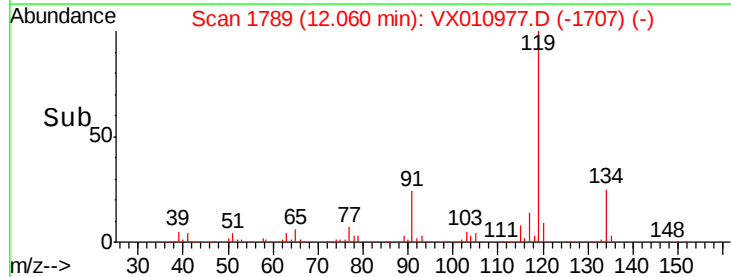
Tgt Ion:119 Resp: 203200
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.8
 91 23.5 0.0 47.0

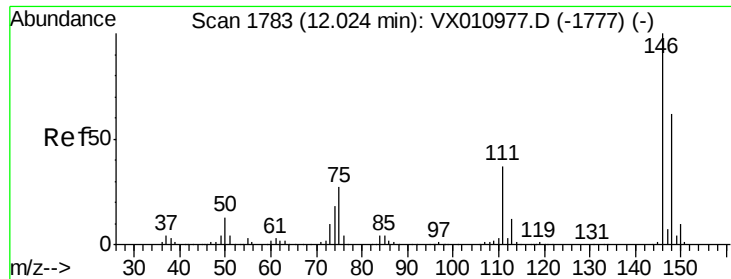


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



Time-->

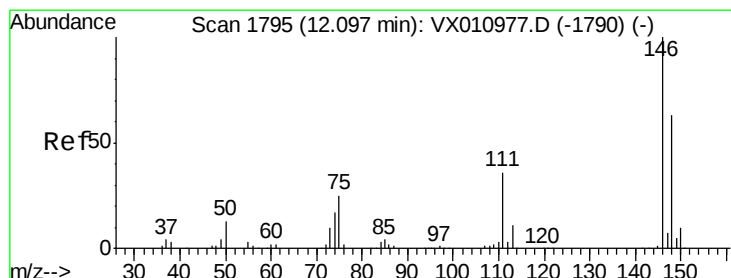
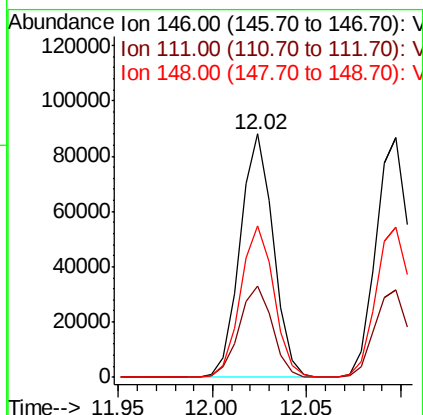
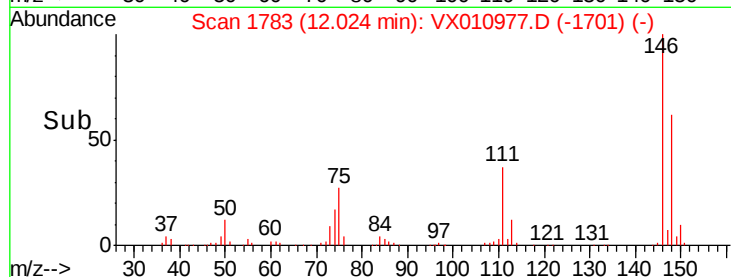
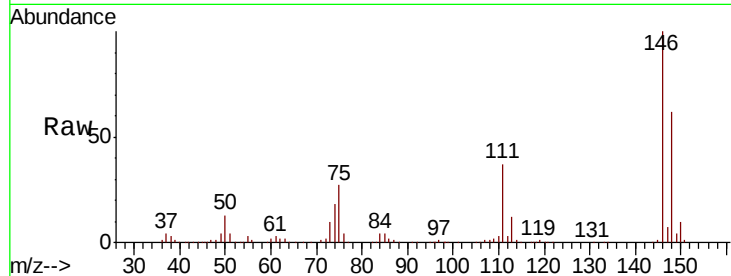




#83
 1,3-Dichlorobenzene
 Concen: 21.306 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

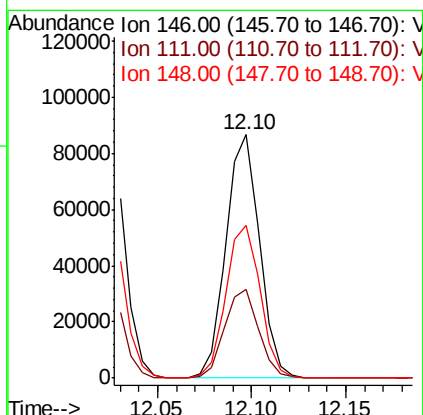
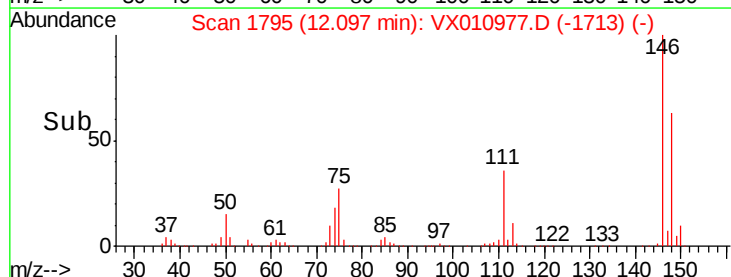
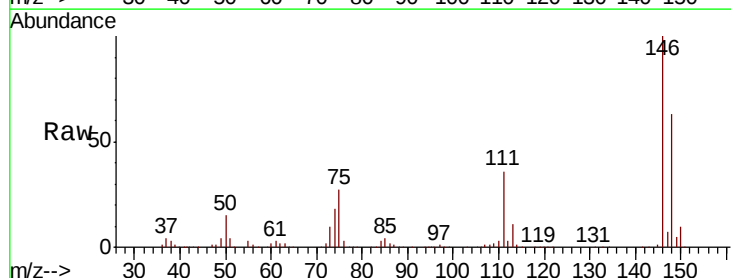
Instrument :
 MSVOA_X
 ClientSampled :

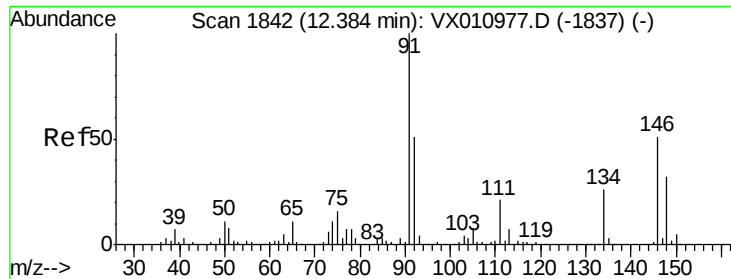
Tot Ion:146 Resp: 107291
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 62.7 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 21.358 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Tgt Ion:146 Resp: 107515
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.5 55.5
 148 64.0 32.0 96.0

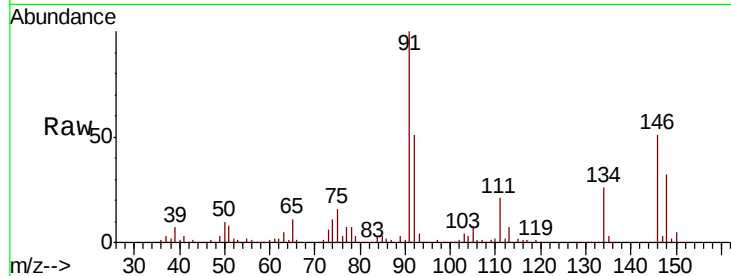




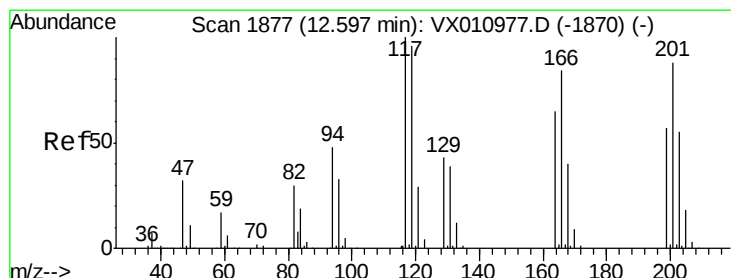
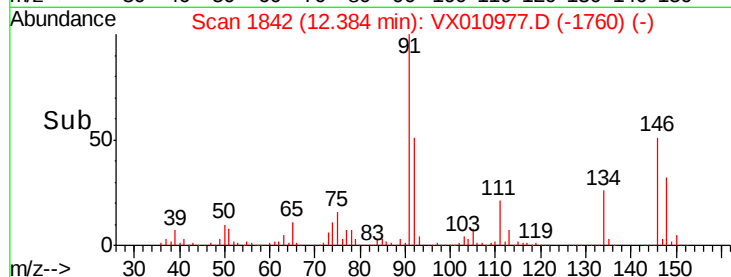
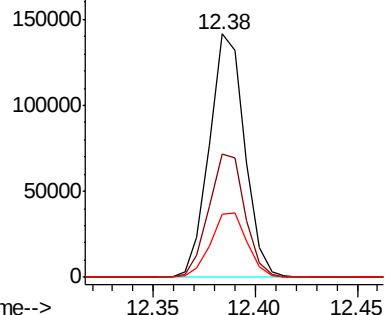
#85
n-Butylbenzene
Concen: 18.932 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 170305
Ion Ratio Lower Upper
91 100
92 51.8 0.0 103.6
134 27.1 0.0 54.2

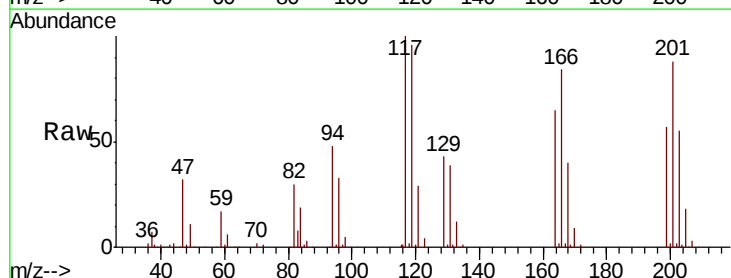


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

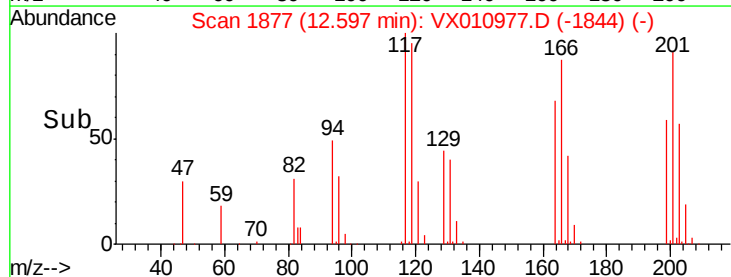
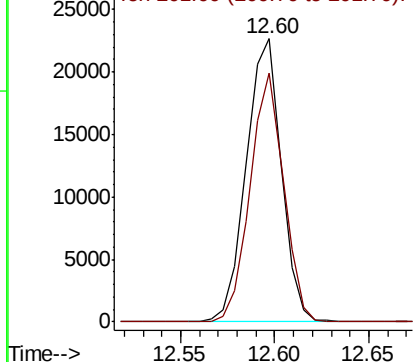


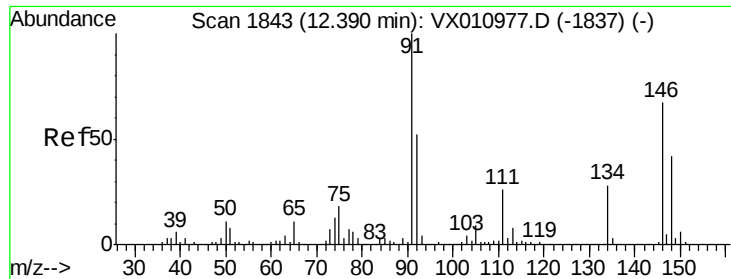
#86
Hexachloroethane
Concen: 17.850 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion: 117 Resp: 29271
Ion Ratio Lower Upper
117 100
201 84.2 42.1 126.3



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 21.595 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

Instrument :

MSVOA_X

ClientSampled :

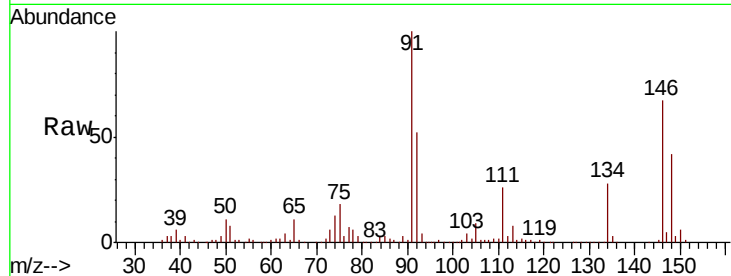
Tot Ion:146 Resp: 109471

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

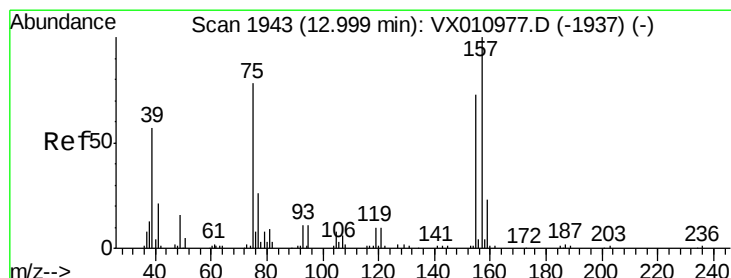
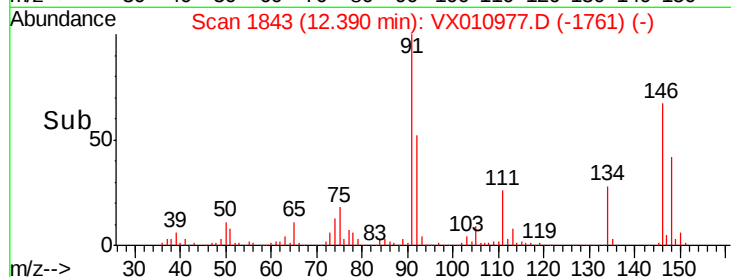
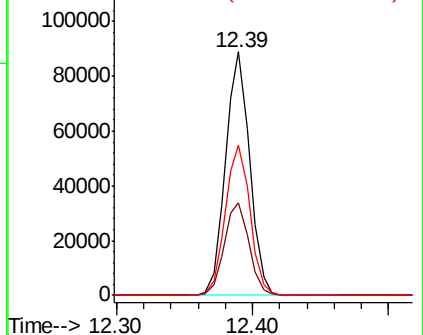
148 63.0 31.5 94.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.942 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010977.D

Acq: 18 Jul 2019 22:45

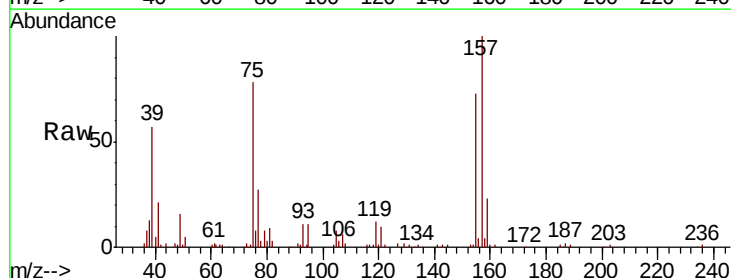
Tgt Ion: 75 Resp: 15558

Ion Ratio Lower Upper

75 100

155 95.8 76.6 115.0

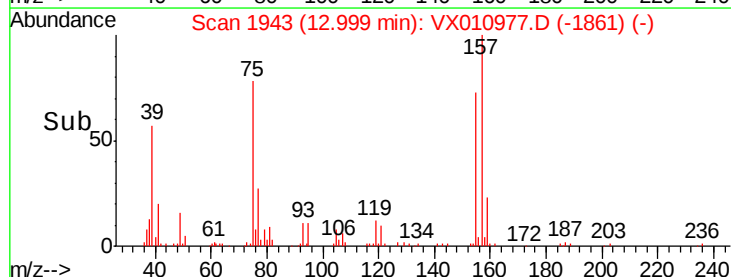
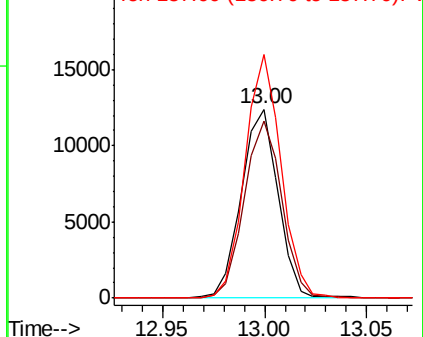
157 126.2 101.0 151.4

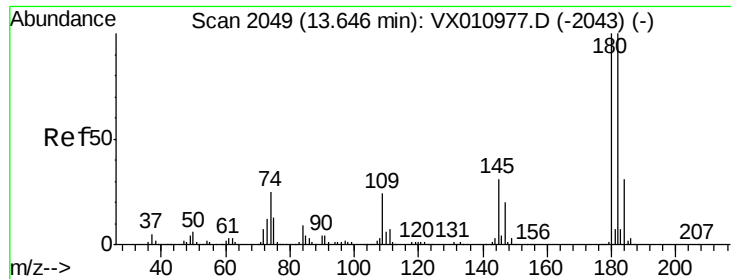


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

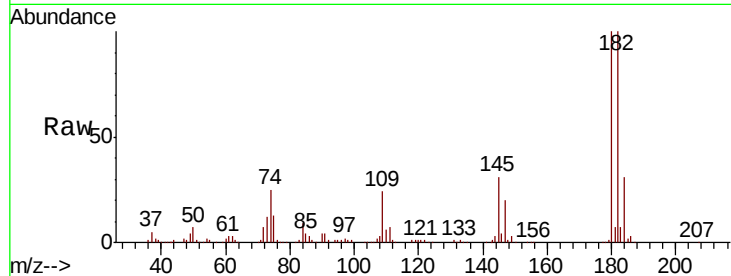




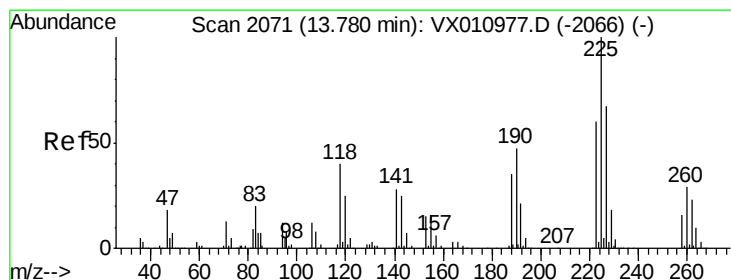
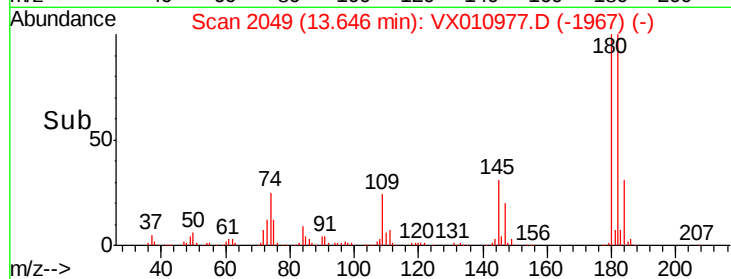
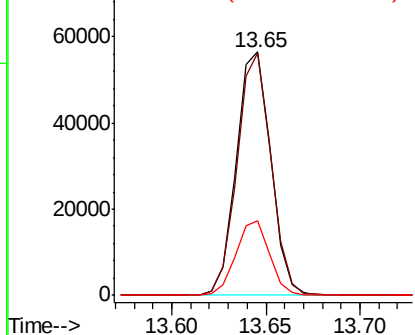
#89
 1,2,4-Trichlorobenzene
 Concen: 20.076 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 71836
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.6 116.4
 145 29.7 23.8 35.6

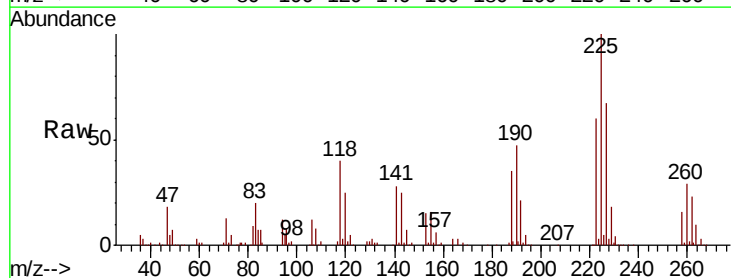


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

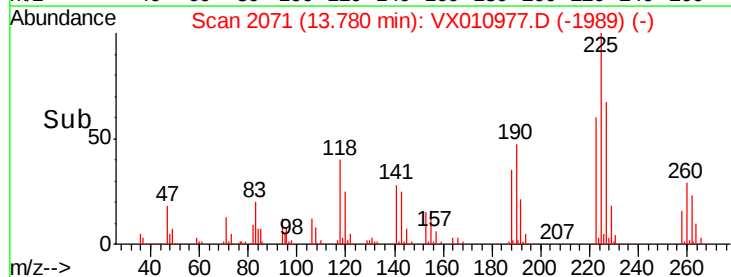
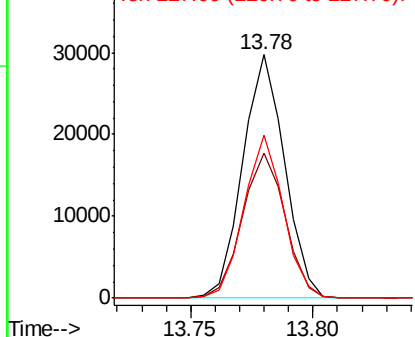


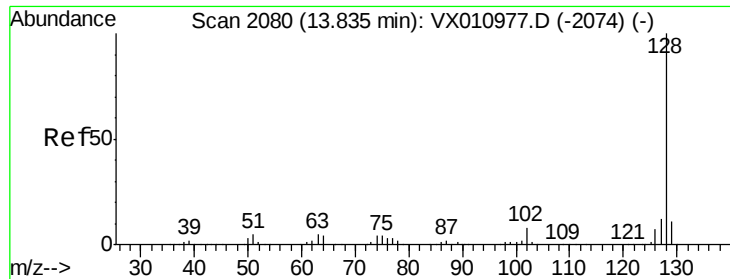
#90
 Hexachlorobutadiene
 Concen: 19.916 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010977.D
 Acq: 18 Jul 2019 22:45

Tgt Ion:225 Resp: 35405
 Ion Ratio Lower Upper
 225 100
 223 60.7 0.0 121.4
 227 63.3 0.0 126.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

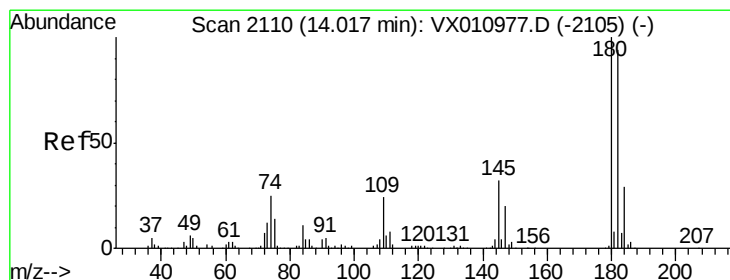
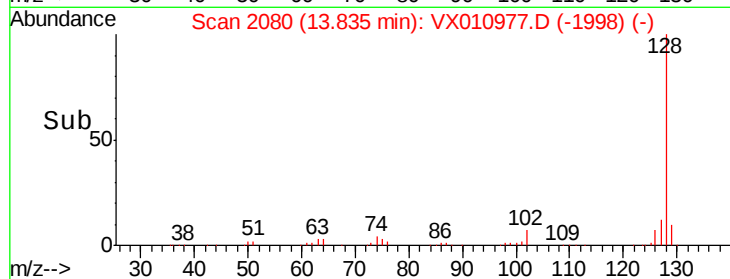
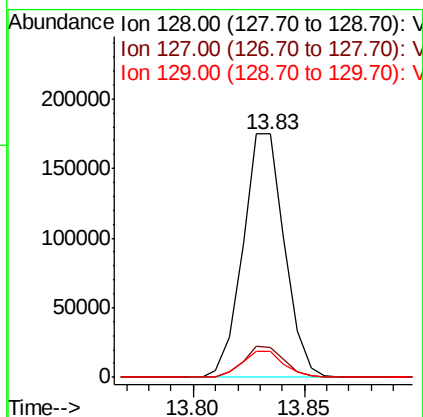
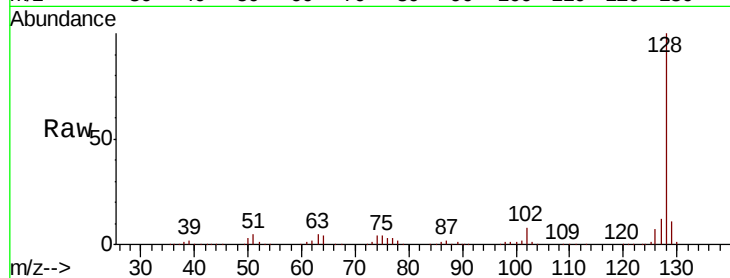




#91
Naphthalene
Concen: 19.750 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 227988
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 20.314 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010977.D
Acq: 18 Jul 2019 22:45

Tgt Ion:180 Resp: 73513
Ion Ratio Lower Upper
180 100
182 95.1 0.0 190.2
145 31.9 0.0 63.8

