

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\NOT REVIEWED DATA\
 Data File : VX019071.D
 Acq On : 23 Oct 2020 11:00
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 12:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	48283	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	260584	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	245178	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	92282	28.69	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.63%
60) 4-Bromofluorobenzene	11.12	95	110305	29.97	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.90%
63) Toluene-d8	8.70	98	316035	29.19	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	264184	108.878	ug/l 100
3) Chloromethane	1.31	50	238066	108.584	ug/l 99
4) Vinyl Chloride	1.39	62	307733	107.095	ug/l 99
5) Bromomethane	1.64	94	216214	97.870	ug/l 97
6) Chloroethane	1.71	64	214805	110.313	ug/l 99
7) Trichlorofluoromethane	1.92	101	540428	108.009	ug/l 96
8) Diethyl Ether	2.17	74	207048	110.393	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	259100	108.374	ug/l 99
10) 1,1-Dichloroethene	2.35	96	267191	109.931	ug/l 96
11) Methyl Iodide	2.49	142	312772	105.255	ug/l 93
12) Methyl Acetate	2.75	43	273063	113.487	ug/l 96
13) Acrolein	2.28	56	125691	567.333	ug/l 98
14) Acrylonitrile	3.12	53	640886	566.961	ug/l 99
15) Acetone	2.42	58	188864	583.246	ug/l 96
16) Carbon Disulfide	2.55	76	739664	109.487	ug/l 99
17) Allyl chloride	2.71	41	337593	111.195	ug/l 99
18) Methylene Chloride	2.84	84	307994	111.115	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	313018	110.267	ug/l 99
20) Diisopropyl ether	3.82	45	679718	110.516	ug/l 99
21) 1,1-Dichloroethane	3.67	63	494814	109.579	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	363075	110.415	ug/l 100
23) tert-Butyl Alcohol	3.03	59	309431	564.634	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	856111	111.393	ug/l 98
25) Chloroform	5.18	83	556741	111.273	ug/l 95
26) Cyclohexane	5.55	56	384262	109.507	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	419709	114.172	ug/l 100
30) 2-Butanone	4.63	43	876364	598.402	ug/l 100
31) 2,2-Dichloropropane	4.55	77	476683	113.331	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	507379	114.832	ug/l 99
33) Carbon Tetrachloride	5.76	117	449533	117.236	ug/l 97
34) Benzene	6.12	78	1246636	115.253	ug/l 98
35) Methacrylonitrile	5.00	41	186836	117.848	ug/l 95
36) 1,2-Dichloroethane	6.17	62	419142	112.963	ug/l 100
37) Trichloroethene	7.19	130	360394	115.917	ug/l 99
38) Methylcyclohexane	7.44	83	471227	114.358	ug/l 99
39) 1,2-Dichloropropane	7.49	63	292478	116.488	ug/l 98
40) Dibromomethane	7.63	93	228119	117.069	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\NOT REVIEWED DATA\
 Data File : VX019071.D
 Acq On : 23 Oct 2020 11:00
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 12:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	459817	119.357	ug/l	99
42) Vinyl Acetate	3.79	43	3301799	579.430	ug/l	98
43) Ethyl Acetate	4.79	43	355906	115.845	ug/l	98
44) Isopropyl Acetate	6.41	43	604432	117.488	ug/l	100
45) 1,4-Dioxane	7.73	88	124650	2305.126	ug/l	99
46) Methyl methacrylate	7.74	41	288070	118.306	ug/l	99
47) n-amyl Acetate	10.88	43	486043	117.782	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	515581	119.546	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	543087	118.333	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	337639	119.629	ug/l	99
51) Ethyl methacrylate	9.16	69	493705	119.882	ug/l	98
52) 1,3-Dichloropropane	9.35	76	538775	117.178	ug/l	100
53) Dibromochloromethane	9.57	129	388125	123.531	ug/l	99
54) 1,2-Dibromoethane	9.65	107	364758	118.935	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	1356891	616.524	ug/l	99
56) Bromoform	10.84	173	278159	126.636	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1745327	564.486	ug/l	99
59) 2-Hexanone	9.48	43	1280029	555.567	ug/l	99
61) Tetrachloroethene	9.32	164	324543	111.579	ug/l	94
62) Toluene	8.77	91	1436054	111.445	ug/l	100
64) Chlorobenzene	10.12	112	917996	114.604	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	340869	117.008	ug/l	100
66) Ethyl Benzene	10.24	91	1608595	113.864	ug/l	97
67) m/p-Xylenes	10.34	106	1235820	229.379	ug/l	100
68) o-Xylene	10.68	106	592485	115.304	ug/l	98
69) Styrene	10.69	104	1016130	117.369	ug/l	99
70) Isopropylbenzene	11.00	105	1607192	116.326	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	453305	113.648	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	532826	148.546	ug/l	87
73) Bromobenzene	11.24	156	392363	116.200	ug/l	97
74) n-propylbenzene	11.35	91	1783364	113.996	ug/l	98
75) 2-Chlorotoluene	11.40	91	1002203	113.256	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	1285754	114.684	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	168374	118.198	ug/l	95
78) 4-Chlorotoluene	11.49	91	1175328	113.026	ug/l	97
79) tert-butylbenzene	11.76	119	1274529	115.446	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1263704	113.391	ug/l	98
81) sec-Butylbenzene	11.93	105	1491656	114.187	ug/l	99
82) p-Isopropyltoluene	12.05	119	1377155	114.388	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	681645	112.949	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	696723	113.703	ug/l	100
85) n-Butylbenzene	12.37	91	1240733	115.099	ug/l	99
86) Hexachloroethane	12.58	117	217719	117.740	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	646226	111.850	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	107012	118.541	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	502265	120.801	ug/l	96
90) Hexachlorobutadiene	13.76	225	204879	116.217	ug/l	96
91) Naphthalene	13.82	128	1609945	118.284	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	468993	117.261	ug/l	100

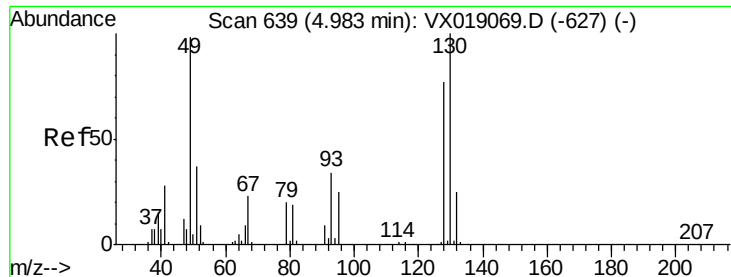
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\NOT REVIEWED DATA\
Data File : VX019071.D
Acq On : 23 Oct 2020 11:00
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 03 12:53:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 11:58:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

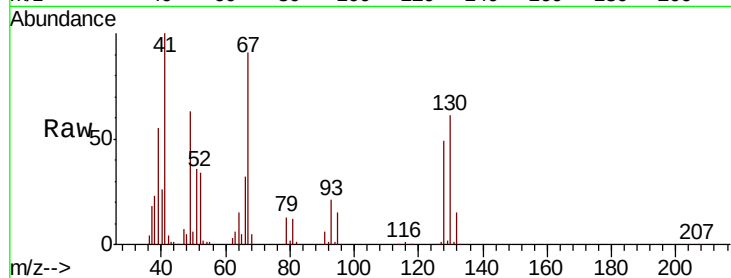
Tot Ion:128 Resp: 48283

Ion Ratio Lower Upper

128 100

49 128.0 0.0 318.8

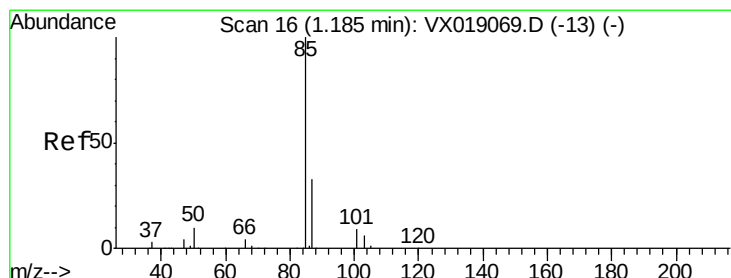
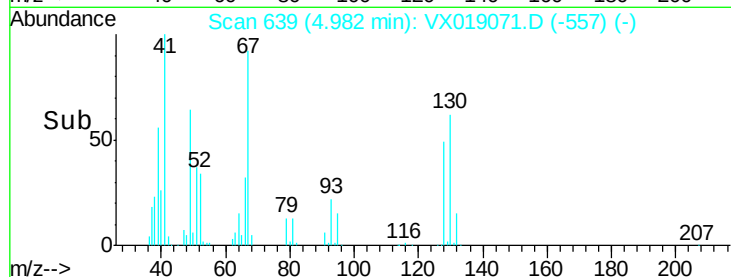
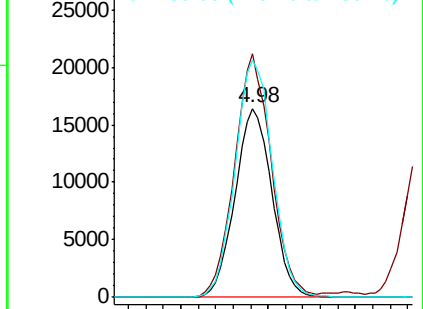
130 127.6 0.0 321.8



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: 108.878 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019071.D

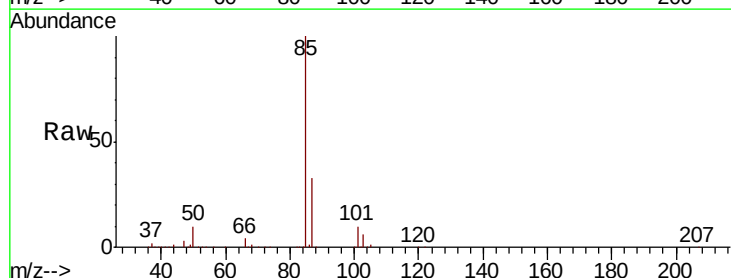
Acq: 23 Oct 2020 11:00

Tgt Ion: 85 Resp: 264184

Ion Ratio Lower Upper

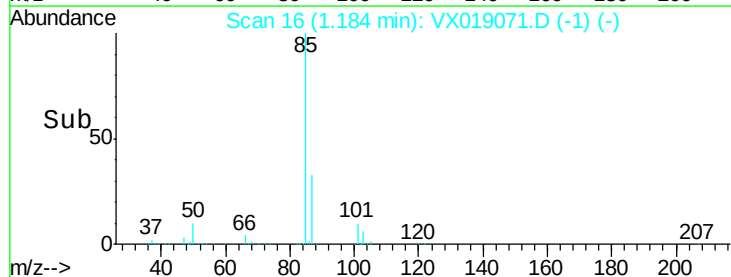
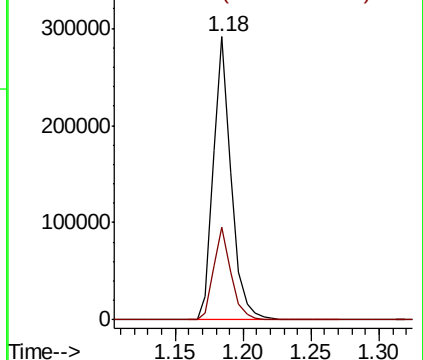
85 100

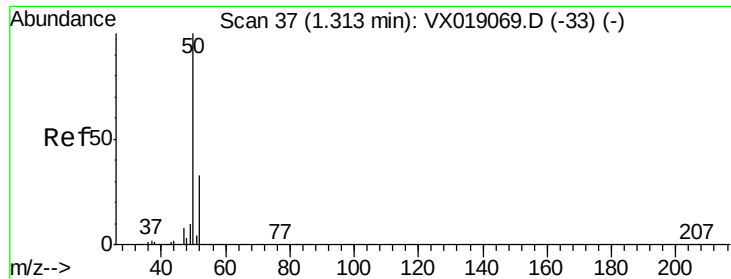
87 32.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

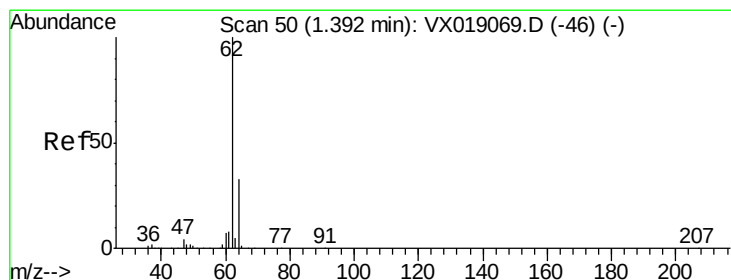
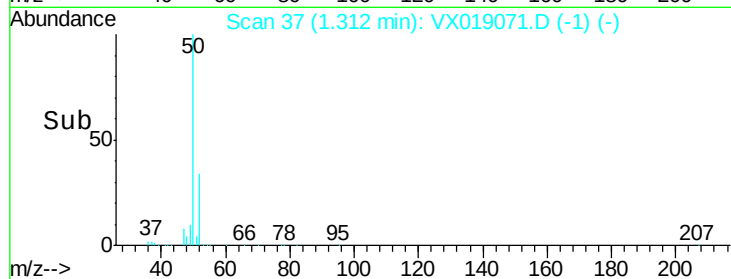
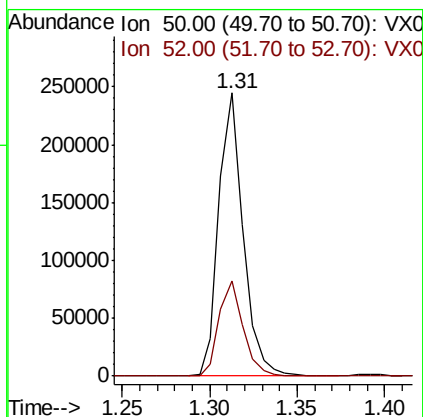
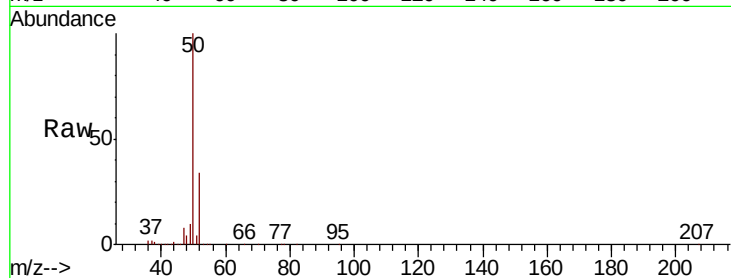




#3
Chloromethane
Concen: 108.584 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

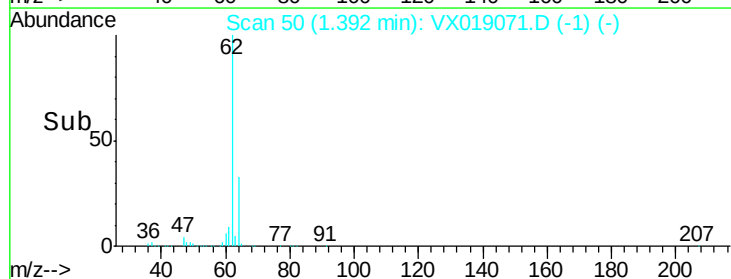
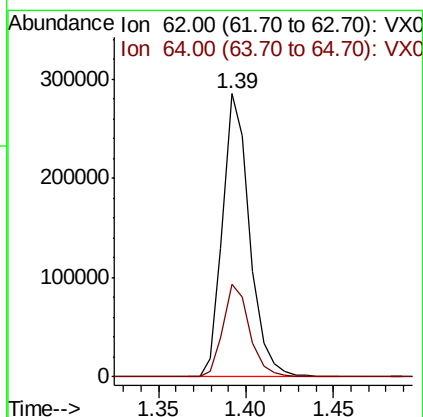
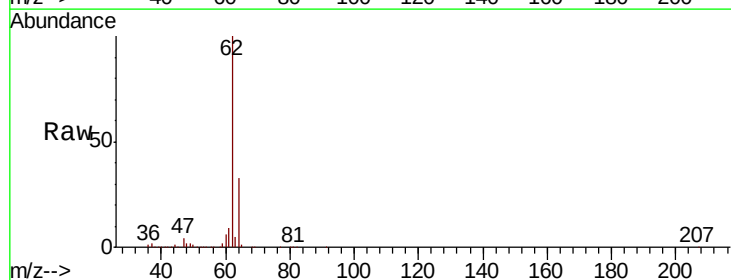
Instrument :
MSVOA_X
ClientSampled :

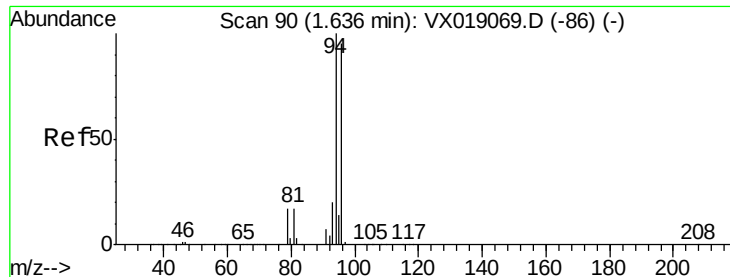
Tot Ion: 50 Resp: 238066
Ion Ratio Lower Upper
50 100
52 33.8 26.7 40.1



#4
Vinyl Chloride
Concen: 107.095 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 62 Resp: 307733
Ion Ratio Lower Upper
62 100
64 32.9 26.7 40.1





#5

Bromomethane

Concen: 97.870 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

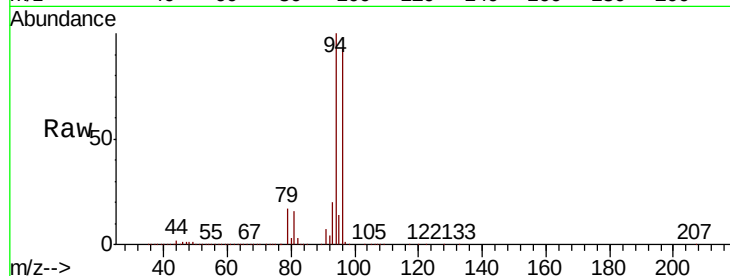
ClientSampleId :

Tot Ion: 94 Resp: 216214

Ion Ratio Lower Upper

94 100

96 92.5 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

200000

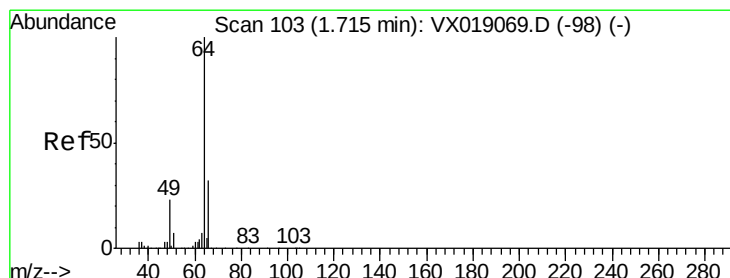
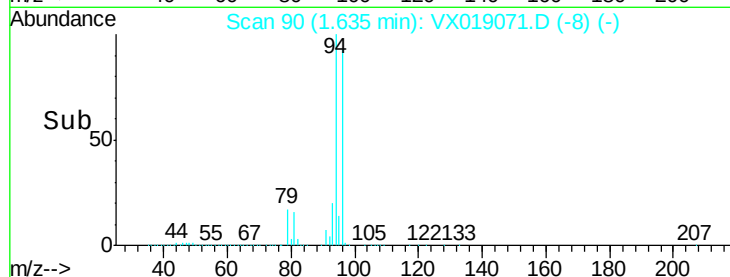
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 110.313 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX019071.D

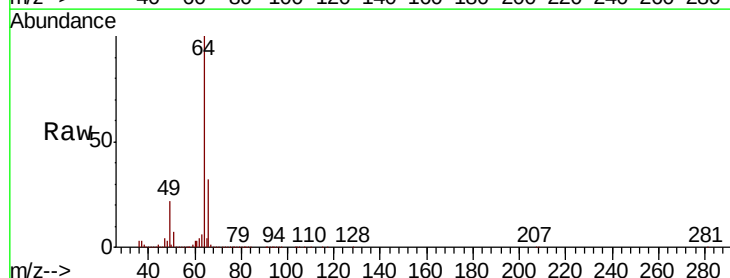
Acq: 23 Oct 2020 11:00

Tgt Ion: 64 Resp: 214805

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.71

200000

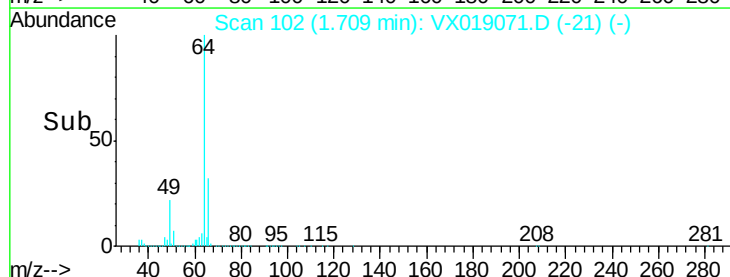
150000

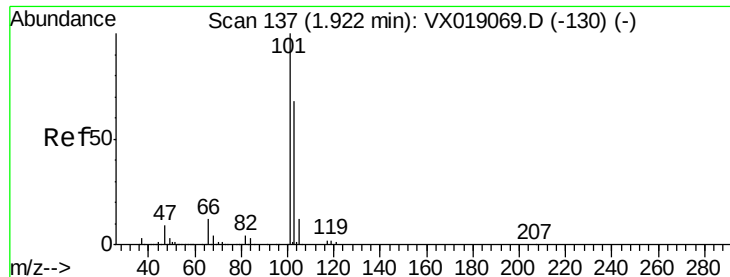
100000

50000

0

Time-->



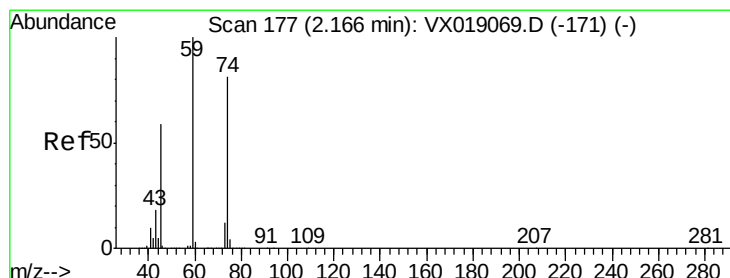
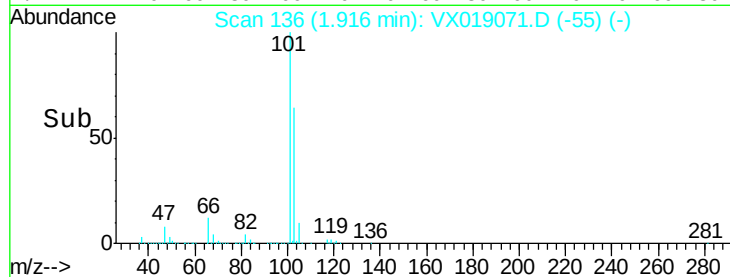
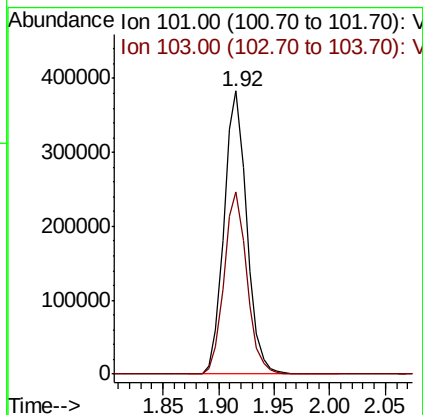
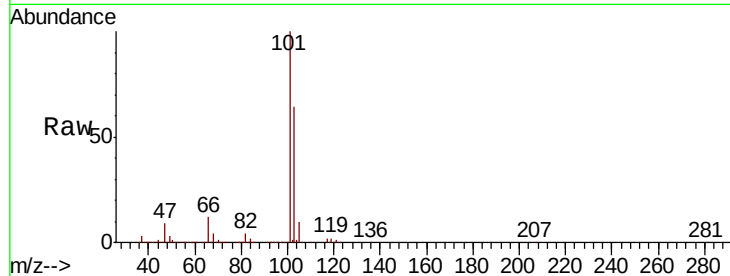


#7

Trichlorofluoromethane
Concen: 108.009 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :

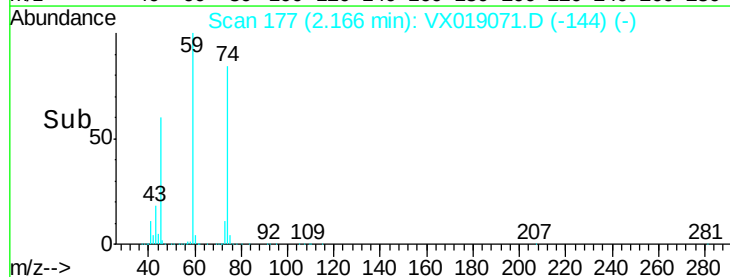
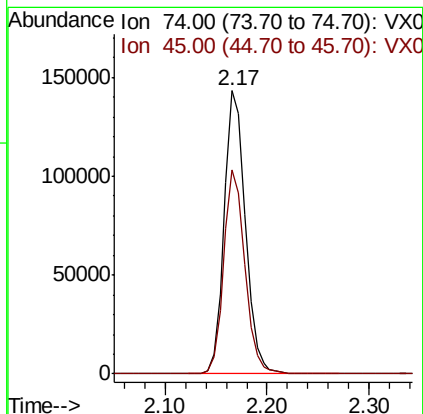
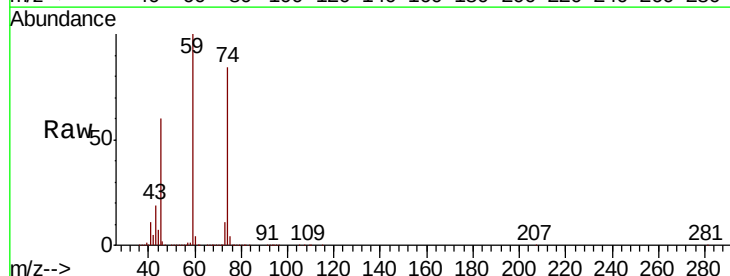
Tot Ion:101 Resp: 540428
Ion Ratio Lower Upper
101 100
103 64.3 54.2 81.4

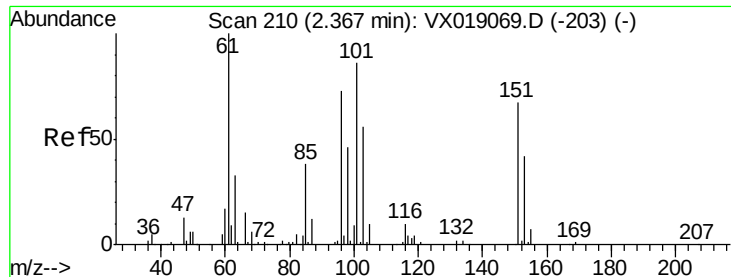


#8

Diethyl Ether
Concen: 110.393 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 74 Resp: 207048
Ion Ratio Lower Upper
74 100
45 71.8 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 108.374 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

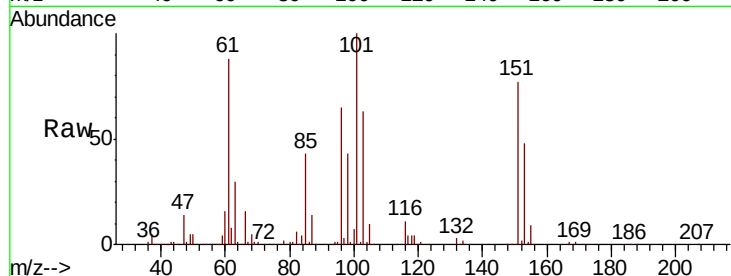
Tot Ion:101 Resp: 259100

Ion Ratio Lower Upper

101 100

85 43.5 0.0 87.0

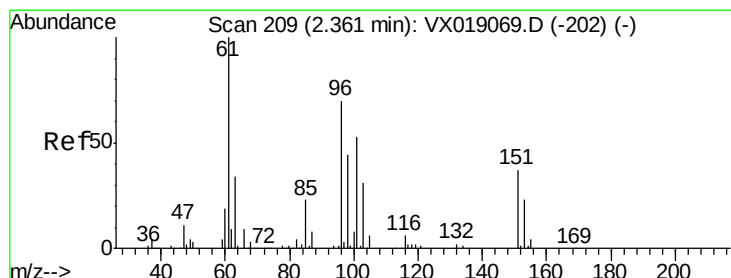
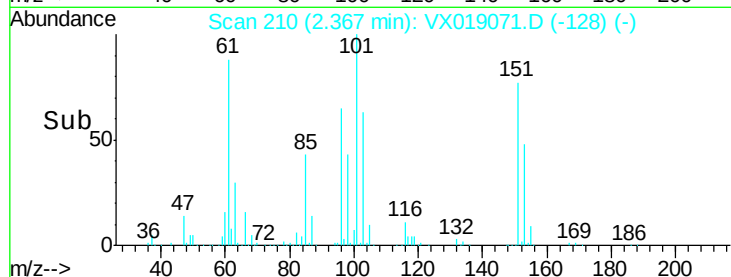
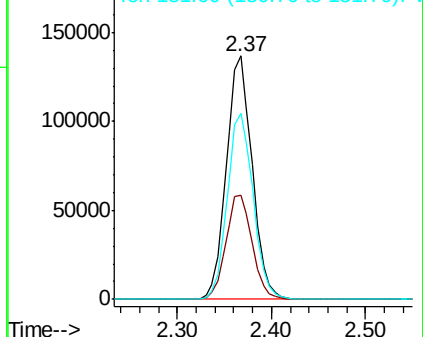
151 76.9 0.0 151.8



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: 109.931 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

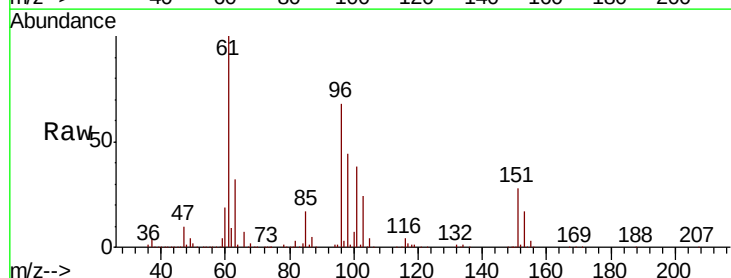
Tgt Ion: 96 Resp: 267191

Ion Ratio Lower Upper

96 100

61 147.6 113.8 170.8

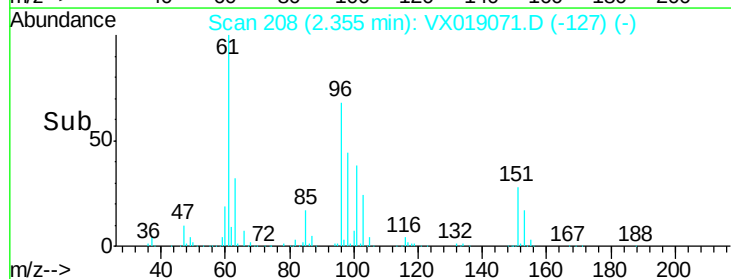
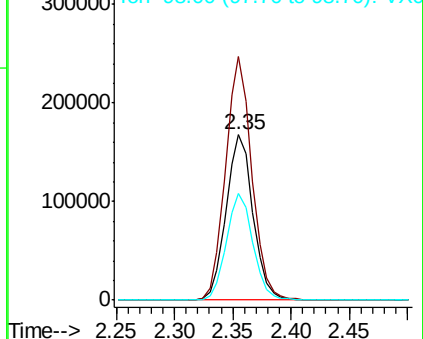
98 64.5 50.4 75.6

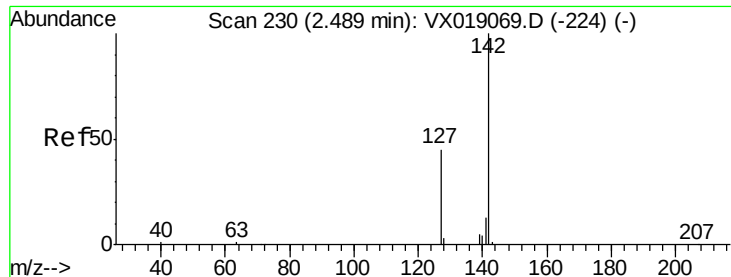


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

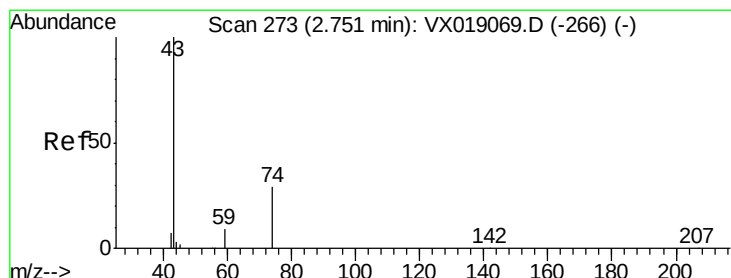
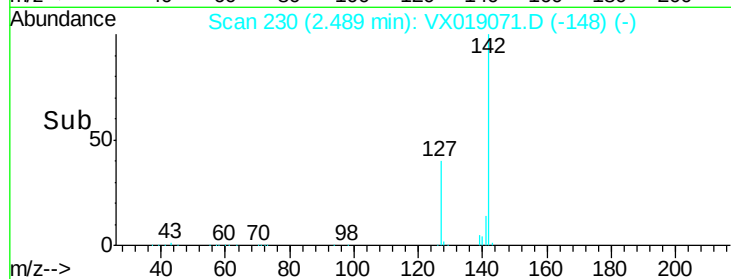
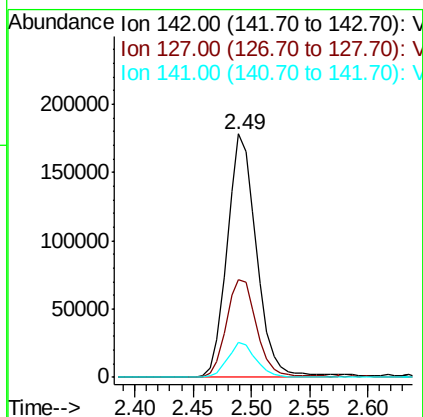
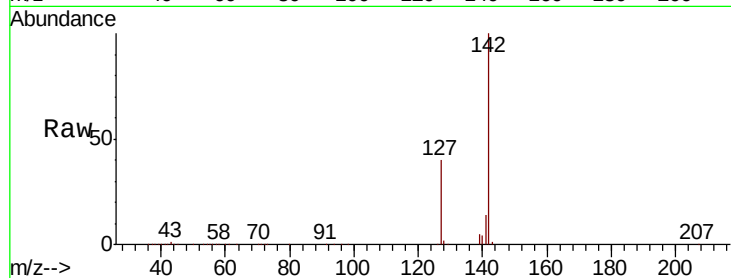




#11
Methvl Iodide
Concen: 105.255 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

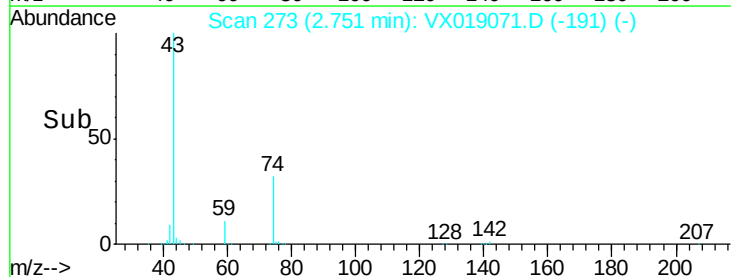
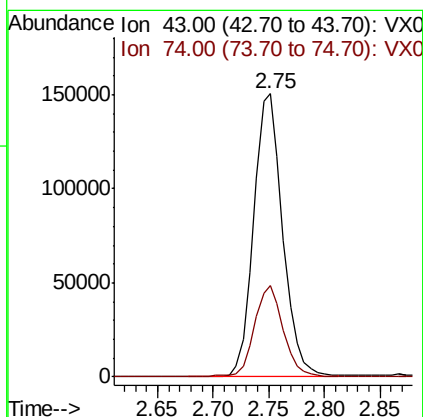
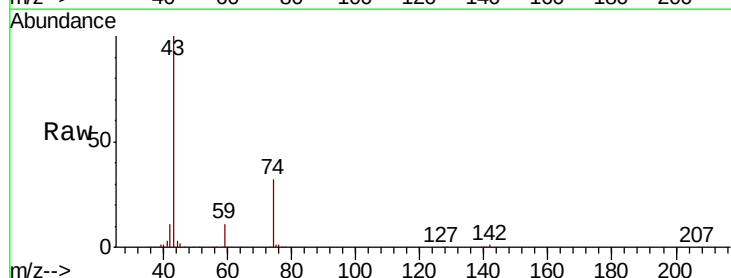
Instrument :
MSVOA_X
ClientSampleId :

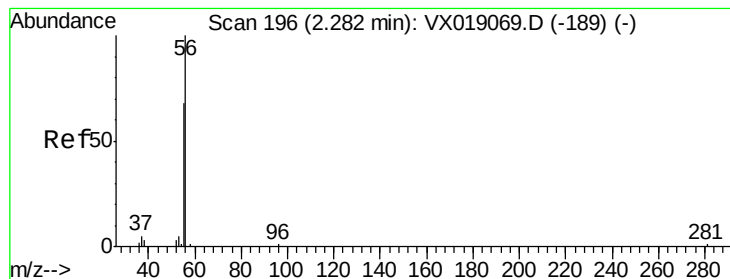
Tot Ion:142 Resp: 312772
Ion Ratio Lower Upper
142 100
127 40.4 22.6 67.7
141 14.4 6.3 19.1



#12
Methyl Acetate
Concen: 113.487 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 43 Resp: 273063
Ion Ratio Lower Upper
43 100
74 32.3 23.9 35.9





#13

Acrolein

Concen: 567.333 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

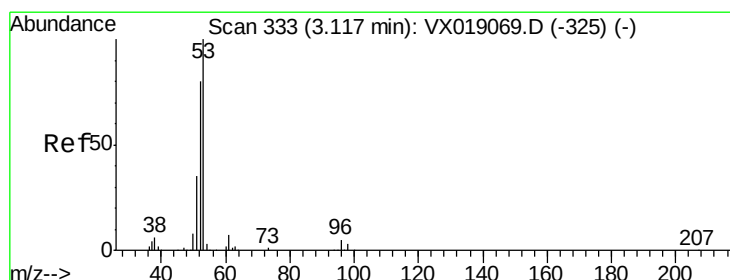
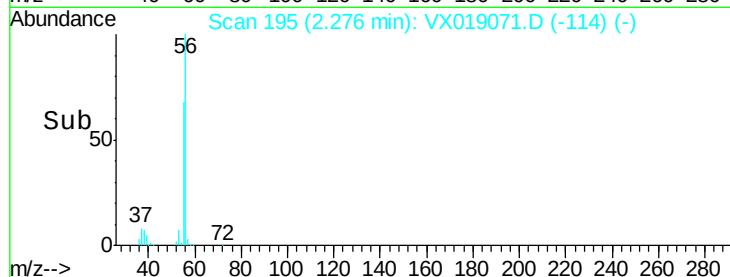
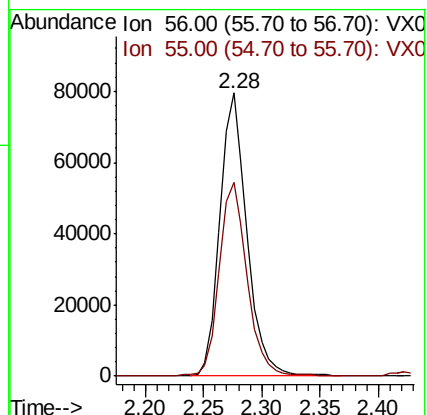
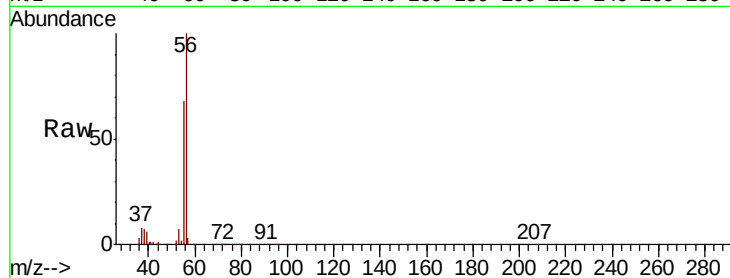
ClientSampleId :

Tot Ion: 56 Resp: 125691

Ion Ratio Lower Upper

56 100

55 70.8 58.2 87.2



#14

Acrylonitrile

Concen: 566.961 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

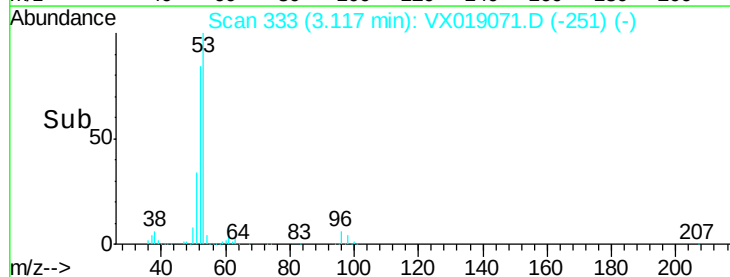
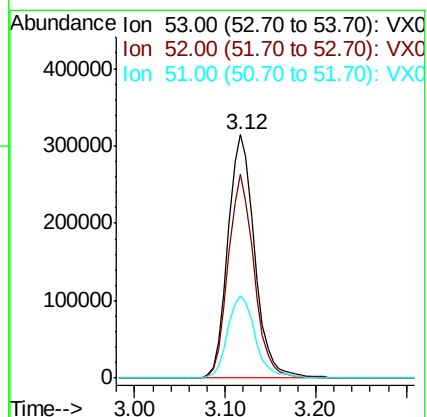
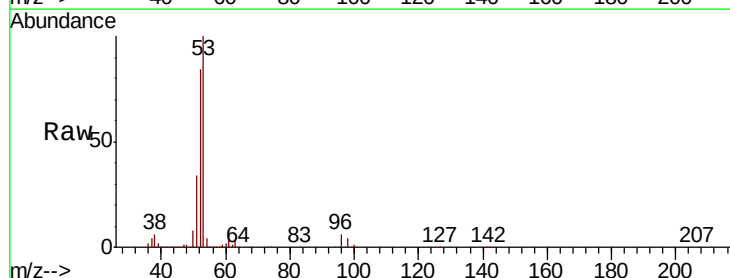
Tgt Ion: 53 Resp: 640886

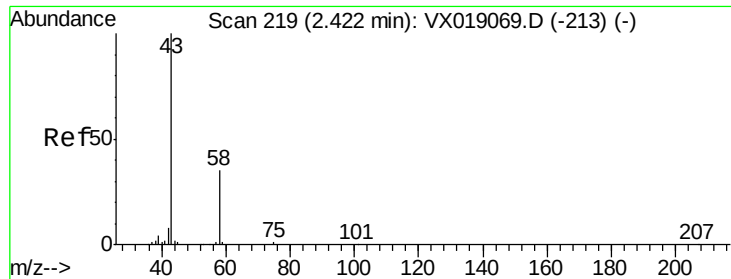
Ion Ratio Lower Upper

53 100

52 81.3 41.0 123.0

51 35.2 18.2 54.6





#15

Acetone

Concen: 583.246 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

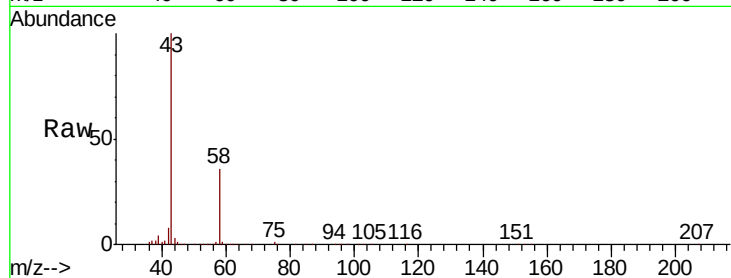
ClientSampleId :

Tot Ion: 58 Resp: 188864

Ion Ratio Lower Upper

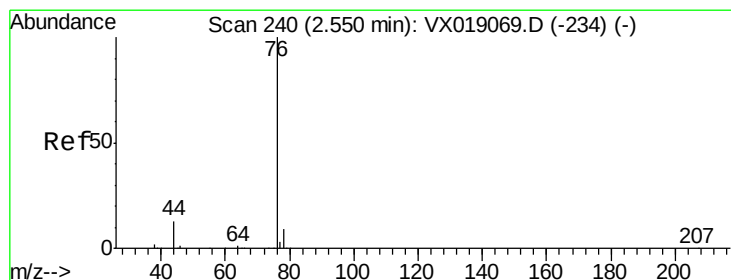
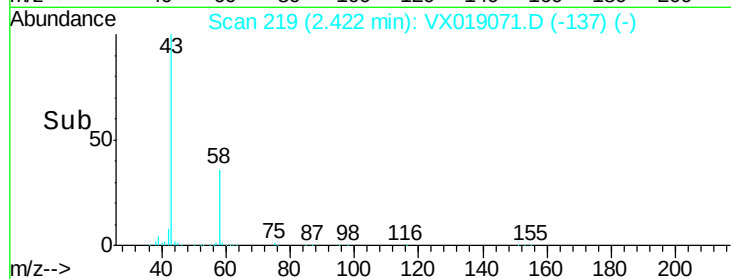
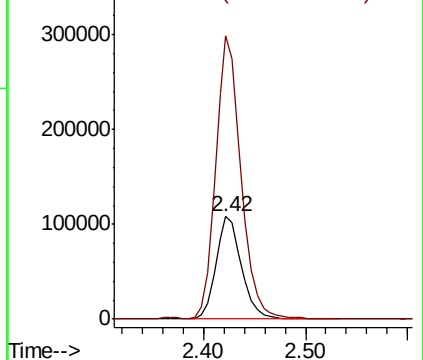
58 100

43 276.0 226.7 340.1



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 109.487 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019071.D

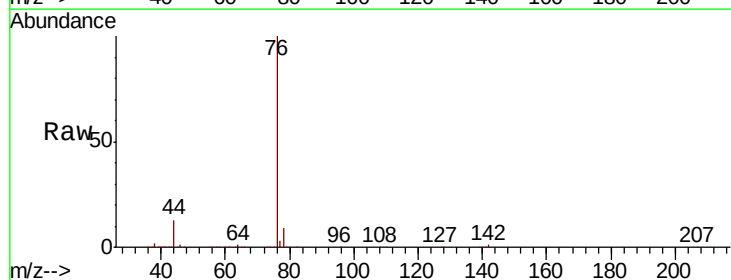
Acq: 23 Oct 2020 11:00

Tgt Ion: 76 Resp: 739664

Ion Ratio Lower Upper

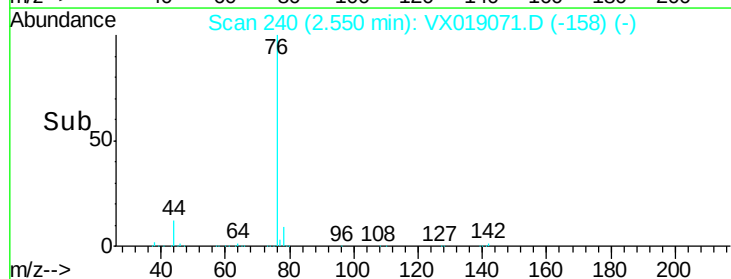
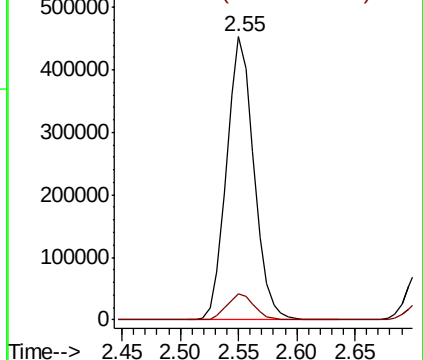
76 100

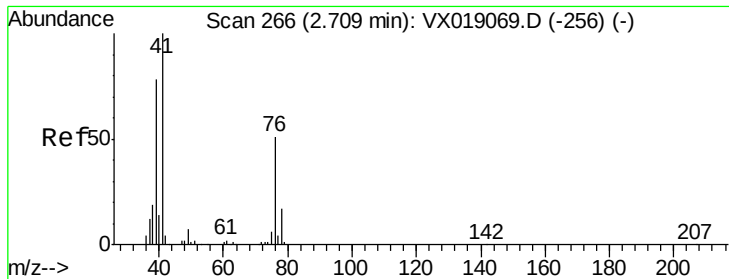
78 9.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

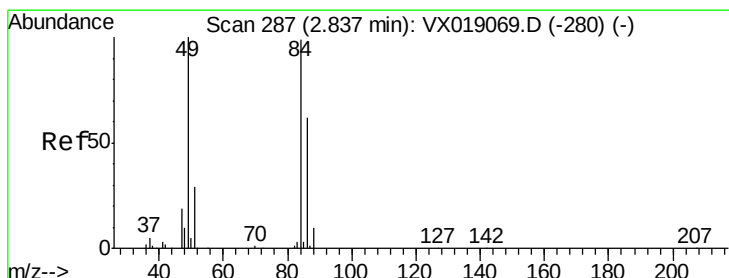
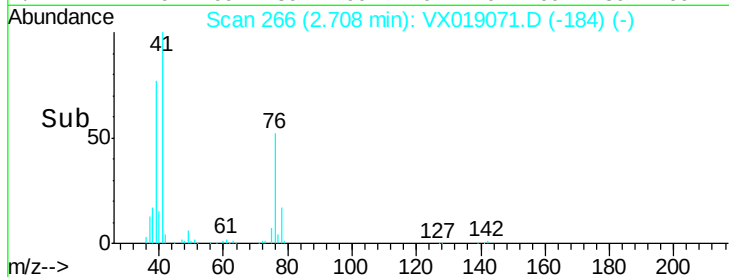
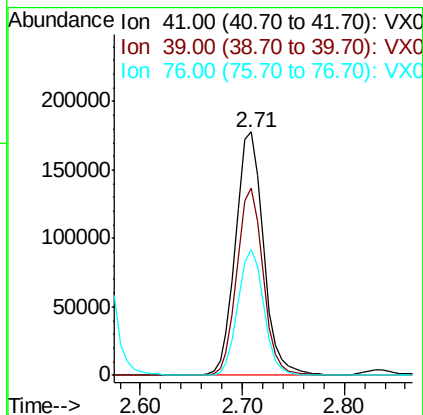
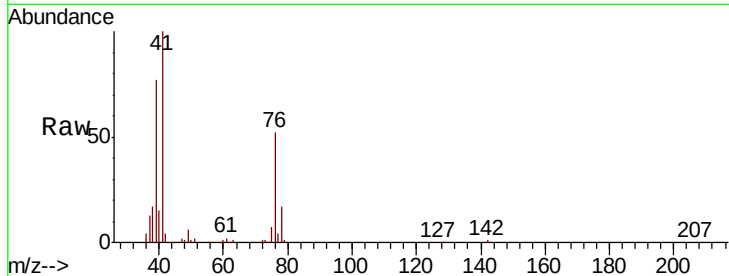




#17
Allvl chloride
Concen: 111.195 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

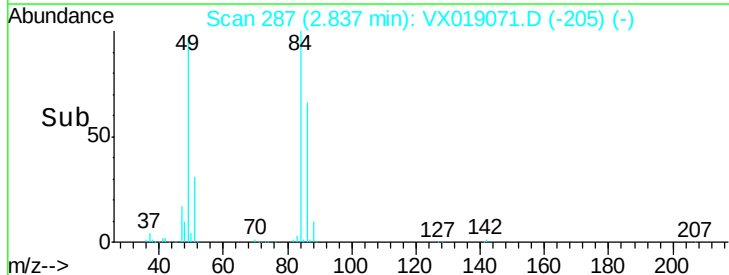
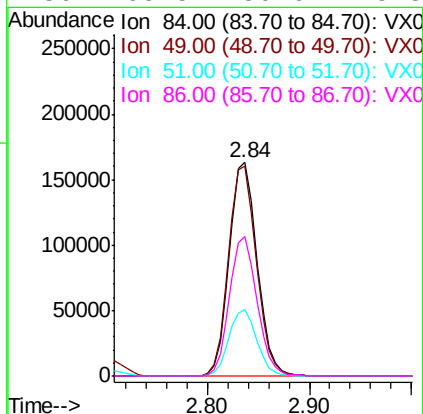
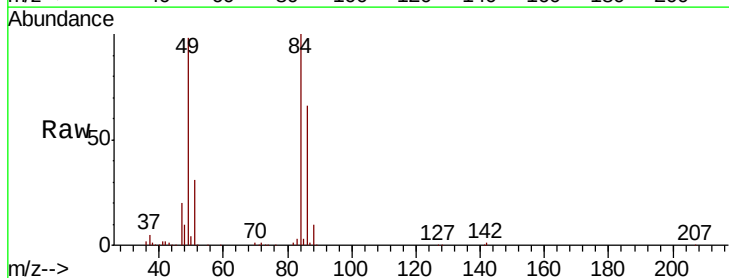
Instrument :
MSVOA_X
ClientSampled :

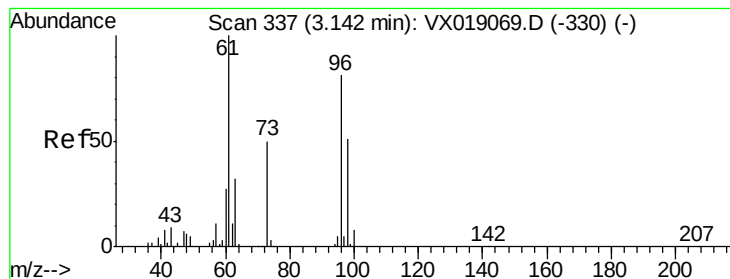
Tot Ion: 41 Resp: 337593
Ion Ratio Lower Upper
41 100
39 76.7 38.8 116.3
76 51.7 25.8 77.4



#18
Methylene Chloride
Concen: 111.115 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 84 Resp: 307994
Ion Ratio Lower Upper
84 100
49 98.2 80.9 121.3
51 31.0 23.8 35.6
86 65.5 50.6 75.8





#19

trans-1,2-Dichloroethene

Concen: 110.267 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

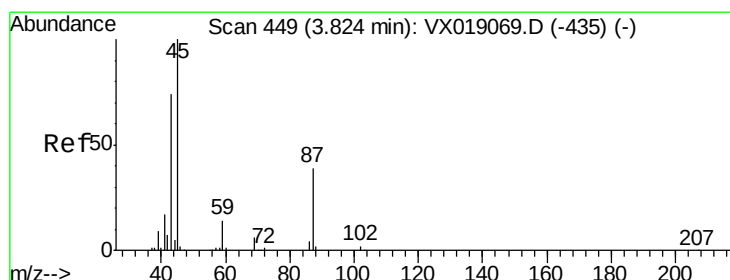
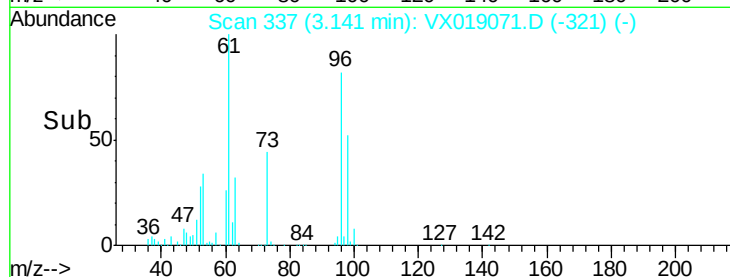
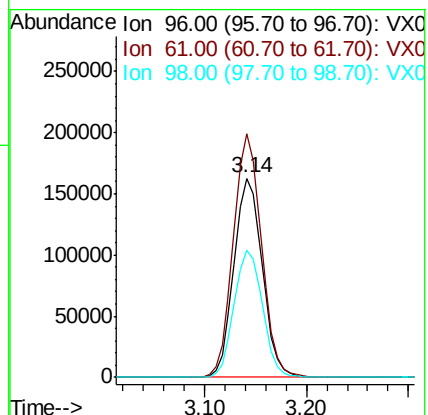
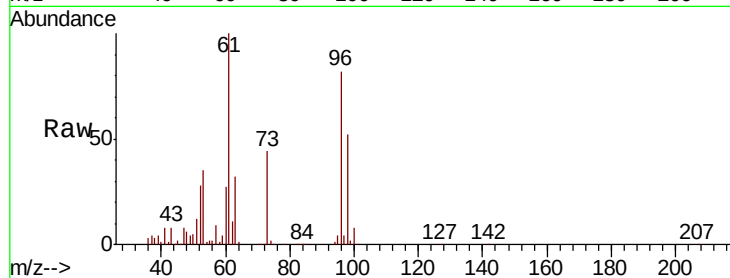
Tot Ion: 96 Resp: 313018

Ion Ratio Lower Upper

96 100

61 122.4 98.4 147.6

98 63.8 49.9 74.9



#20

Diisopropyl ether

Concen: 110.516 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Tgt Ion: 45 Resp: 679718

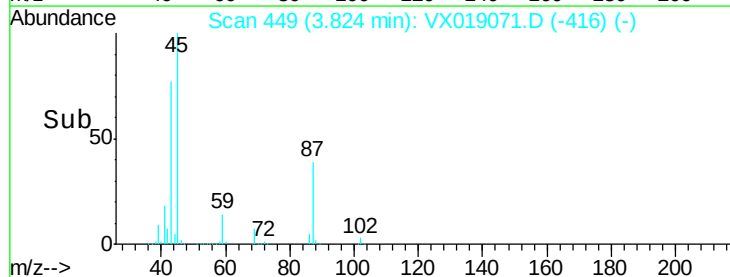
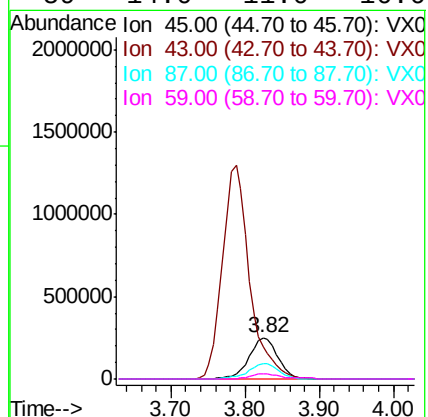
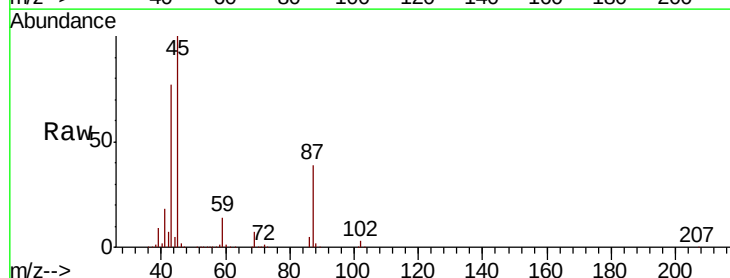
Ion Ratio Lower Upper

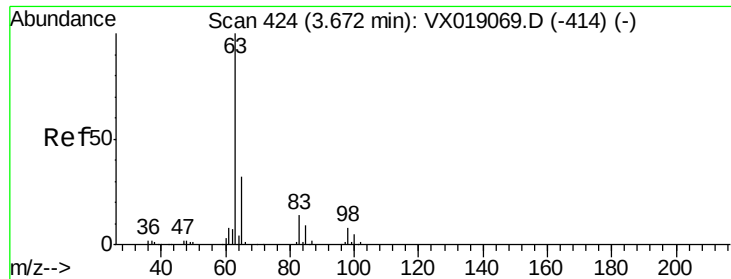
45 100

43 76.8 60.6 91.0

87 38.6 30.9 46.3

59 14.0 11.0 16.6

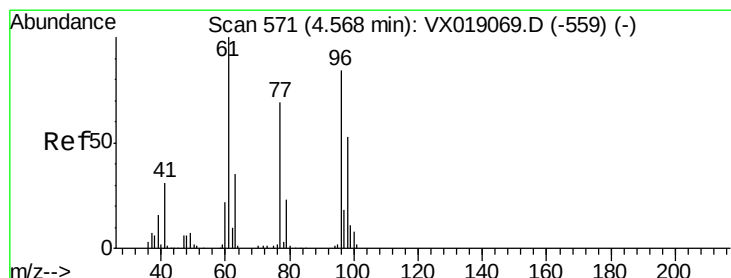
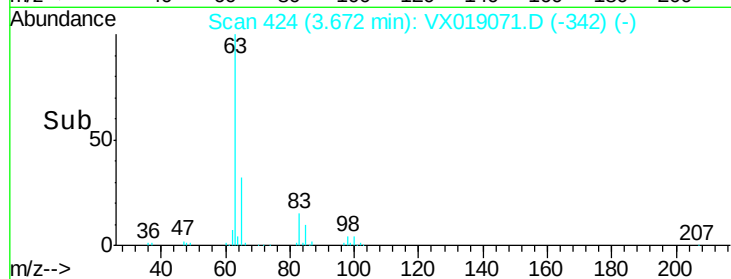
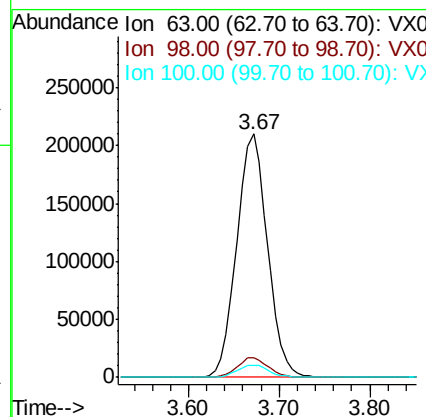
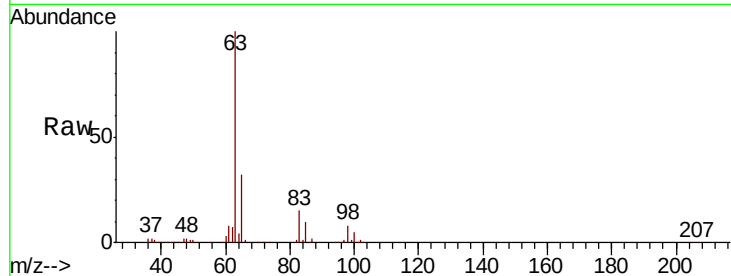




#21
 1,1-Dichloroethane
 Concen: 109.579 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

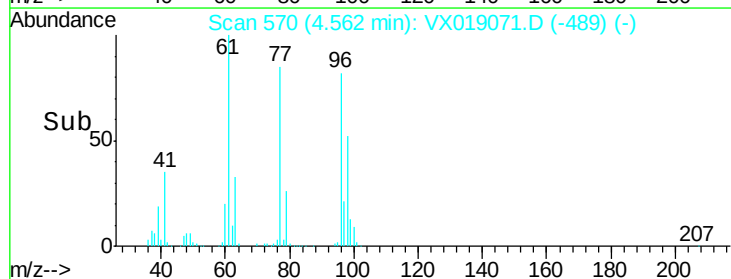
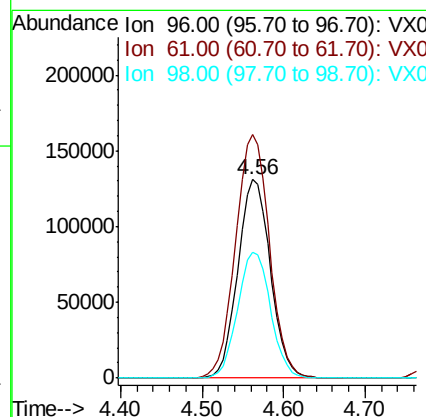
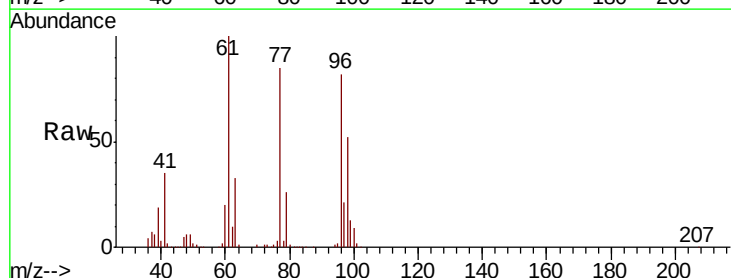
Instrument :
 MSVOA_X
 ClientSampled :

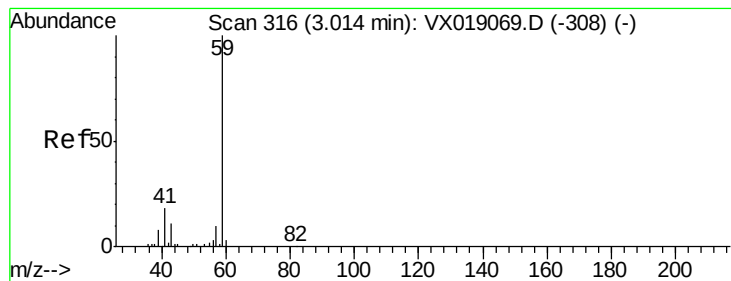
Tot Ion:	63	Resp:	494814
Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.9	11.7
100	5.0	2.4	7.2



#22
 cis-1,2-Dichloroethene
 Concen: 110.415 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion:	96	Resp:	363075
Ion	Ratio	Lower	Upper
96	100		
61	127.4	101.9	152.9
98	64.2	51.3	76.9





#23

tert-Butyl Alcohol

Concen: 564.634 ug/l

RT: 3.03 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

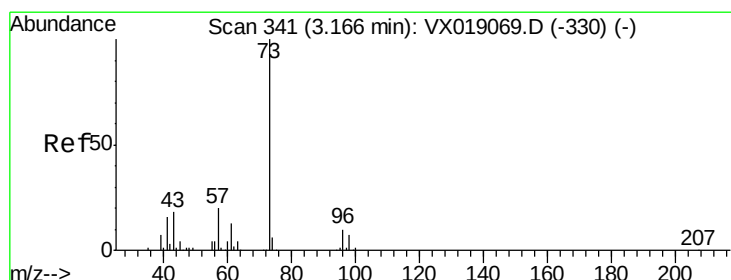
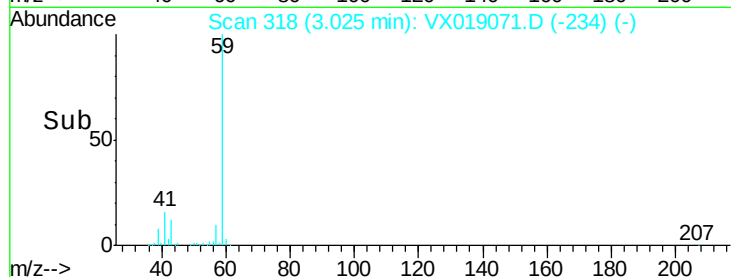
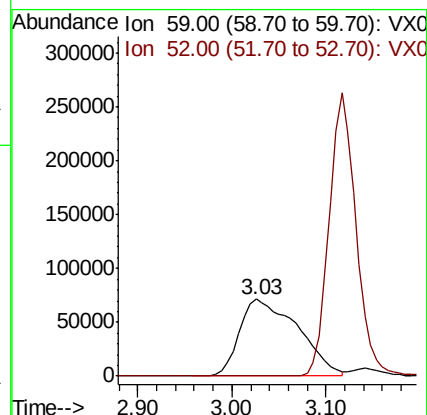
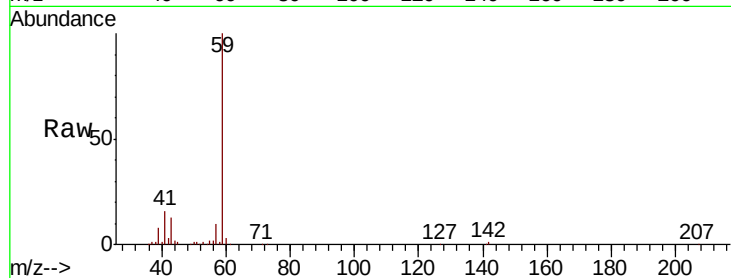
ClientSampled :

Tot Ion: 59 Resp: 309431

Ion Ratio Lower Upper

59 100

52 0.0 0.2 0.4#



#24

Methyl tert-Butyl Ether

Concen: 111.393 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019071.D

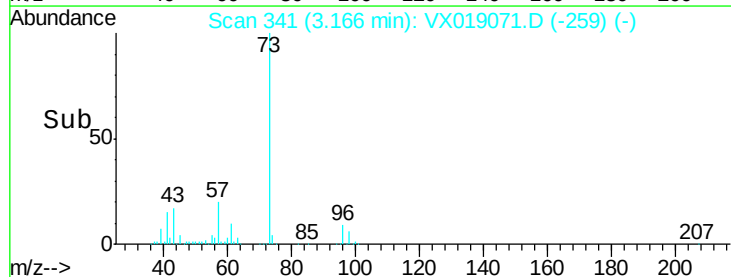
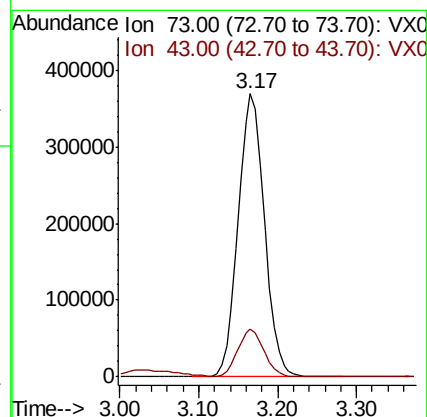
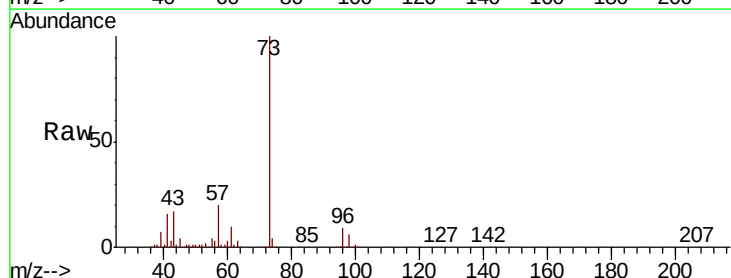
Acq: 23 Oct 2020 11:00

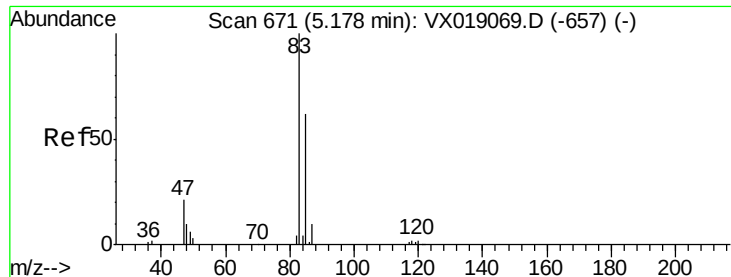
Tgt Ion: 73 Resp: 856111

Ion Ratio Lower Upper

73 100

43 16.7 13.9 20.9

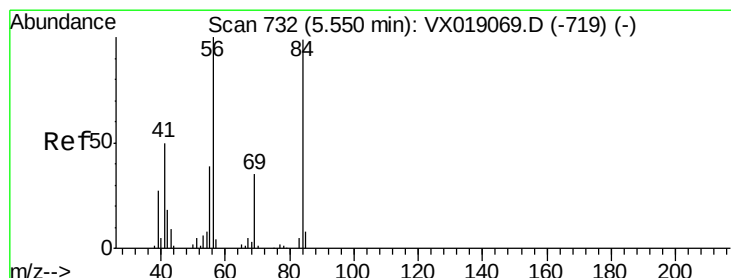
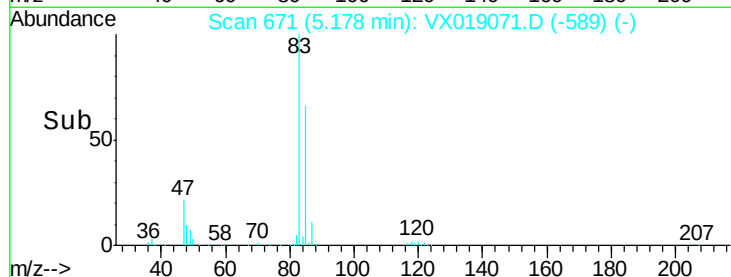
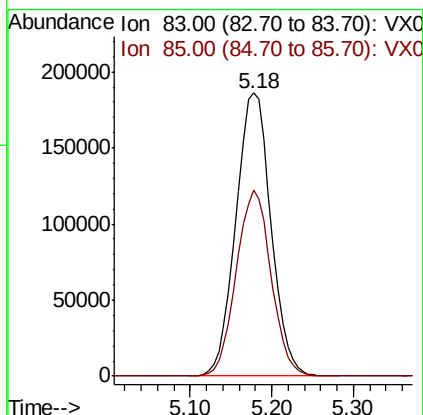
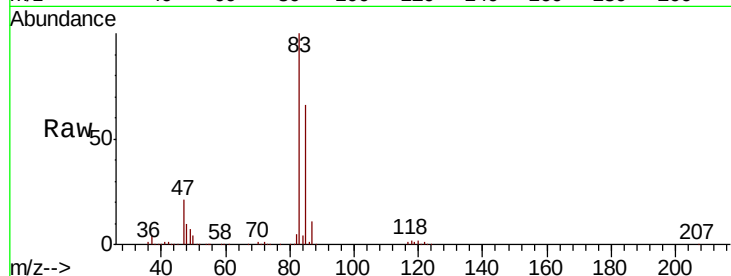




#25
Chloroform
Concen: 111.273 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

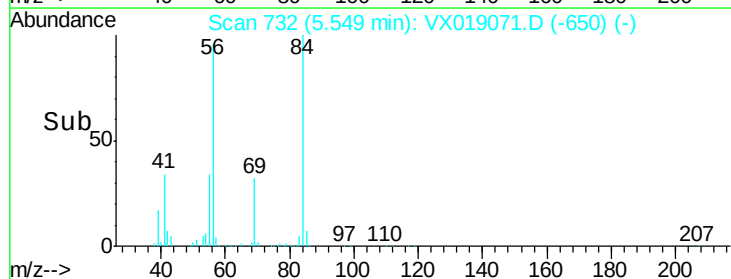
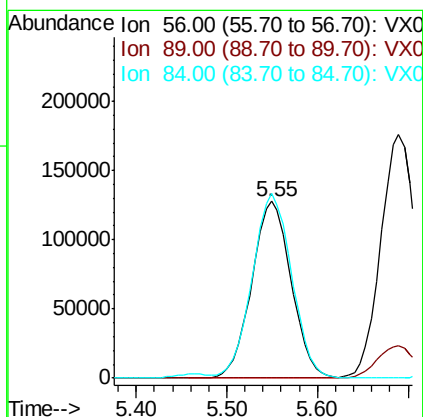
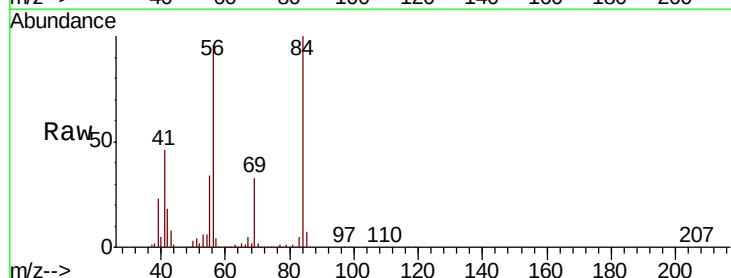
Instrument :
MSVOA_X
ClientSampleId :

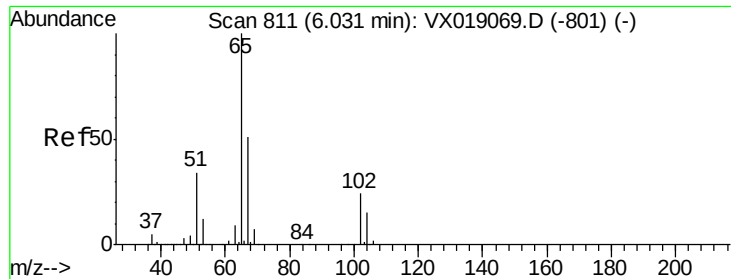
Tot Ion: 83 Resp: 556741
Ion Ratio Lower Upper
83 100
85 65.9 49.8 74.8



#26
Cyclohexane
Concen: 109.507 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 56 Resp: 384262
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 104.9 83.7 125.5

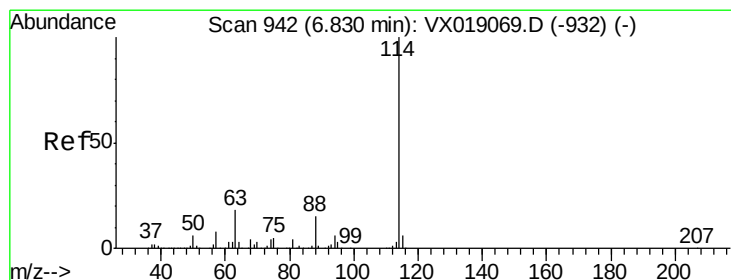
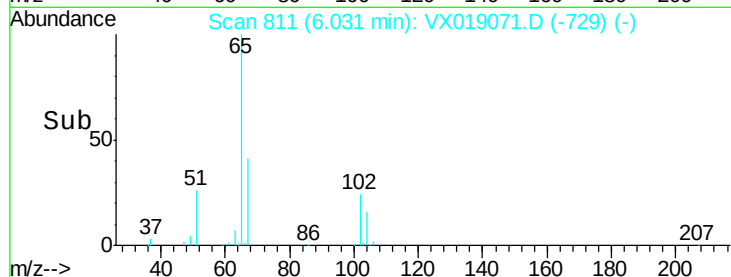
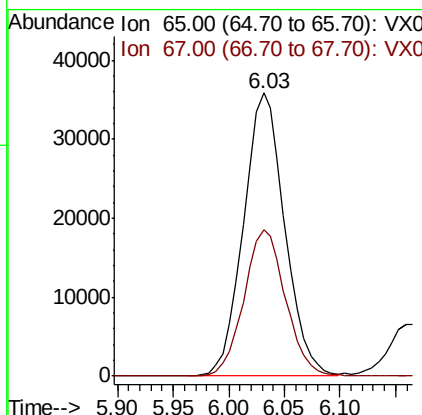
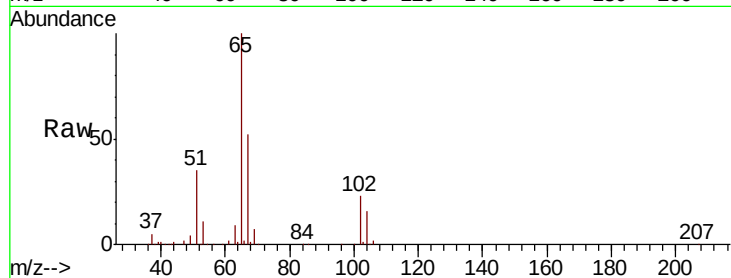




#27
 1,2-Dichloroethane-d4
 Concen: 28.695 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

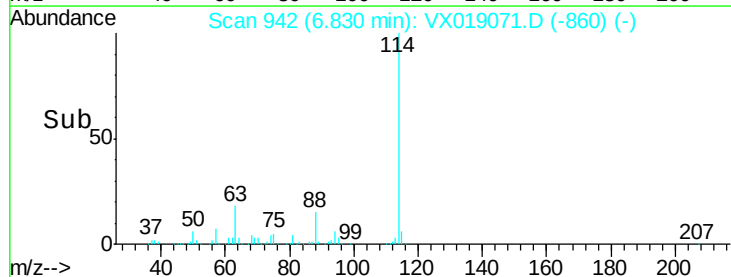
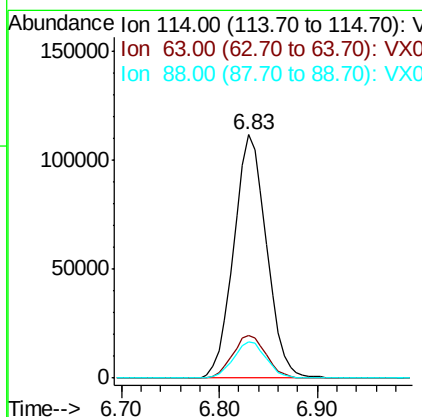
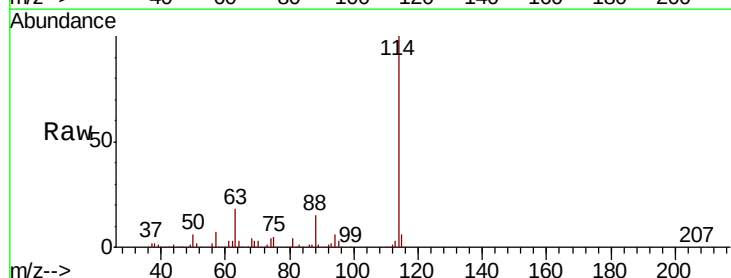
Instrument :
 MSVOA_X
 ClientSampleId :

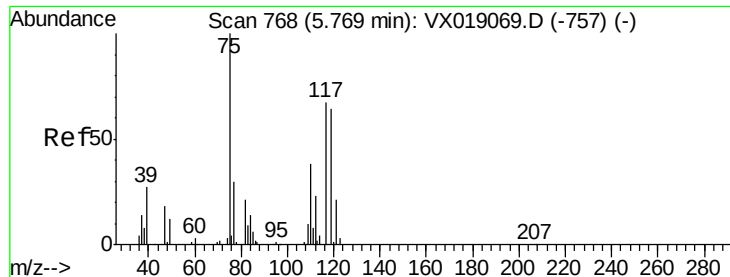
Tot Ion: 65 Resp: 92282
 Ion Ratio Lower Upper
 65 100
 67 52.0 42.0 63.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion: 114 Resp: 260584
 Ion Ratio Lower Upper
 114 100
 63 17.9 14.6 21.8
 88 14.8 12.2 18.2





#29

1,1-Dichloropropene

Concen: 114.172 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

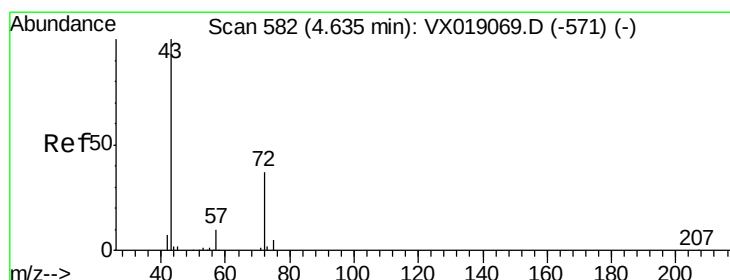
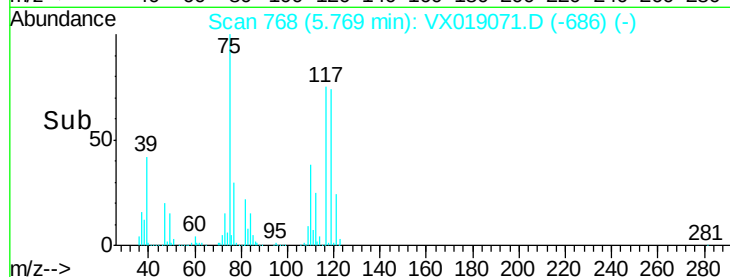
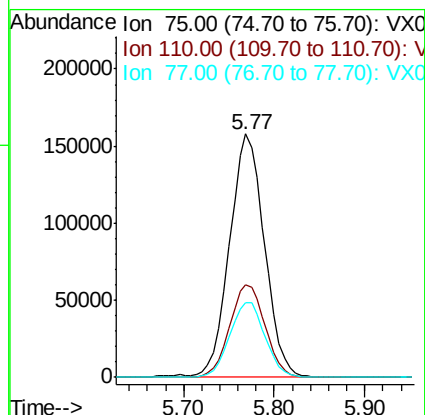
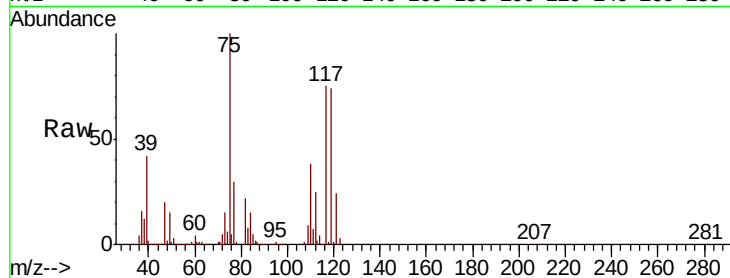
Tot Ion: 75 Resp: 419709

Ion Ratio Lower Upper

75 100

110 38.7 0.0 77.4

77 31.3 0.0 62.8



#30

2-Butanone

Concen: 598.402 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

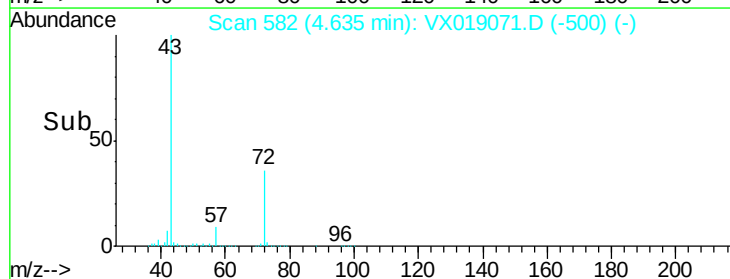
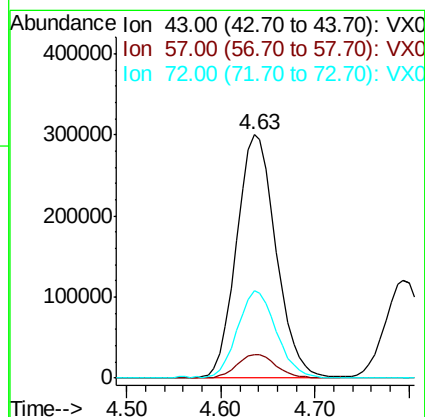
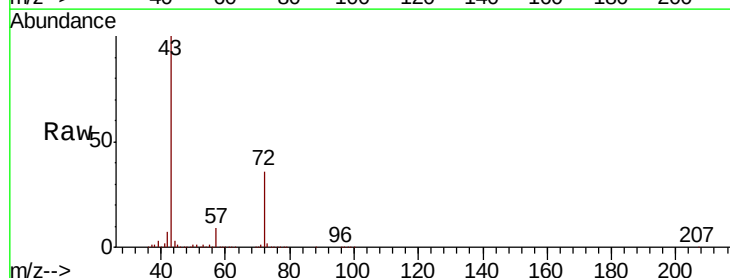
Tgt Ion: 43 Resp: 876364

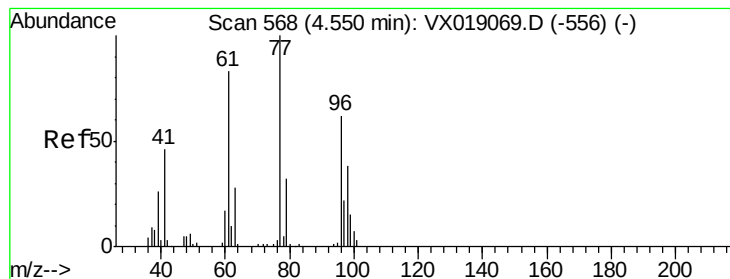
Ion Ratio Lower Upper

43 100

57 9.8 7.8 11.6

72 35.3 28.1 42.1





#31

2,2-Dichloropropane

Concen: 113.331 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

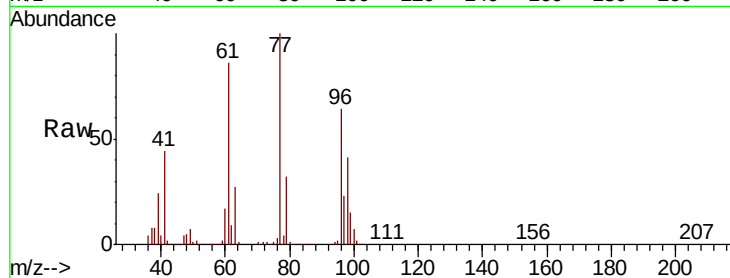
ClientSampled :

Tot Ion: 77 Resp: 476683

Ion Ratio Lower Upper

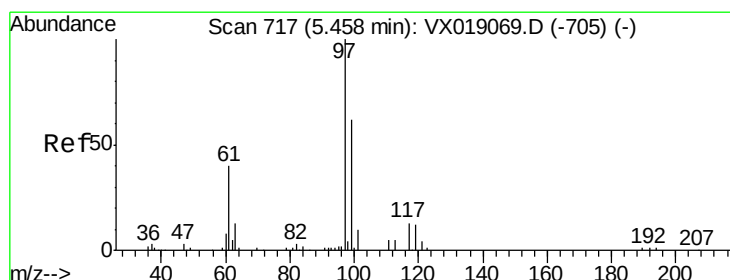
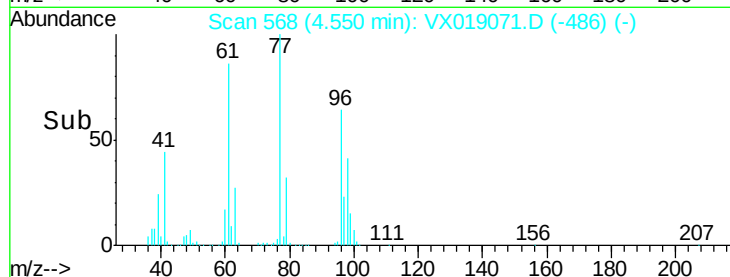
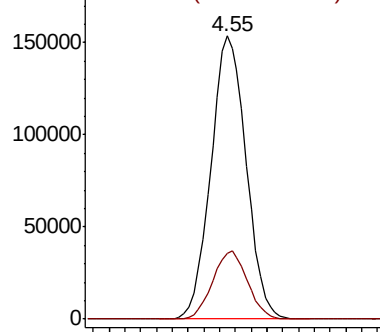
77 100

97 23.8 19.2 28.8



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 114.832 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

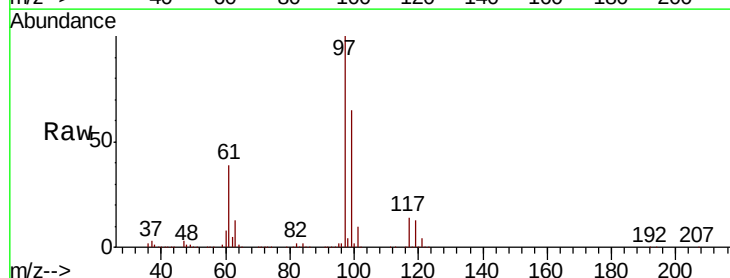
Tgt Ion: 97 Resp: 507379

Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.6

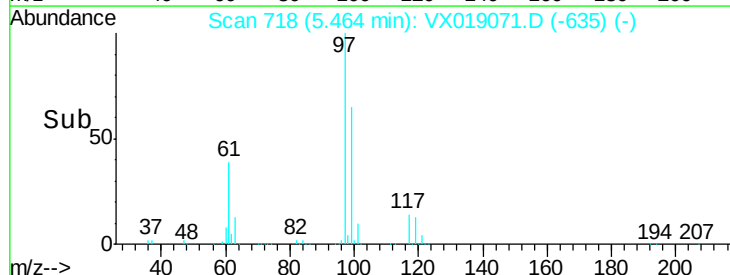
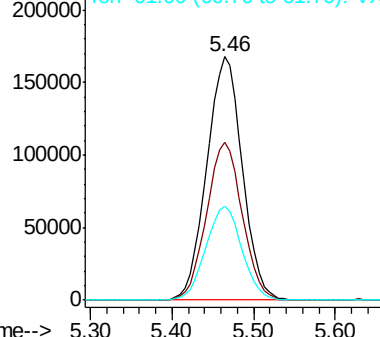
61 39.1 32.0 48.0

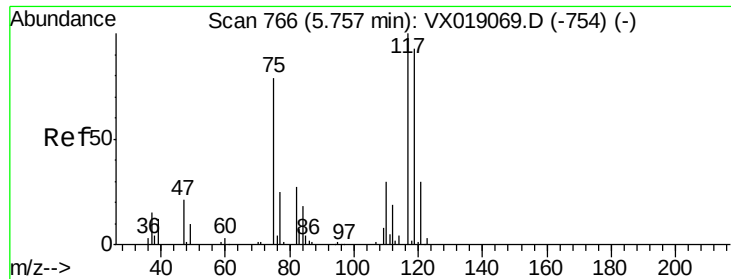


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 117.236 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

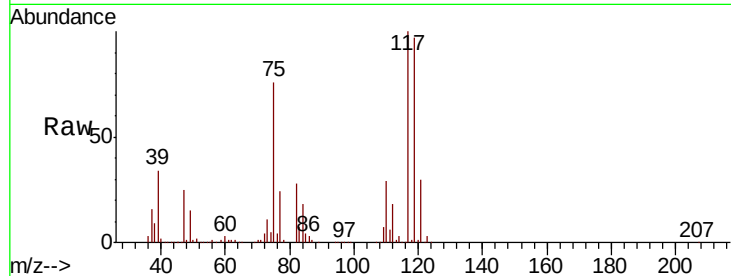
Tot Ion:117 Resp: 449533

Ion Ratio Lower Upper

117 100

119 96.9 74.5 111.7

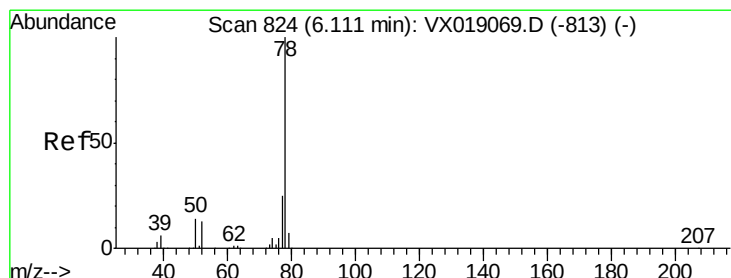
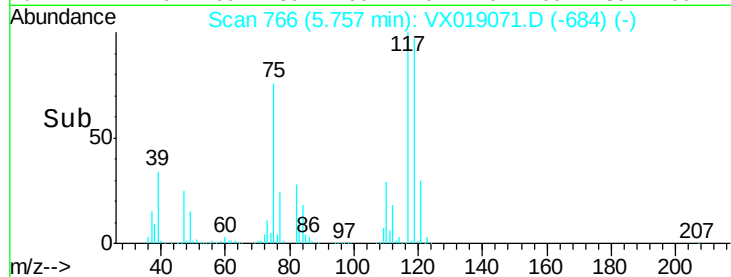
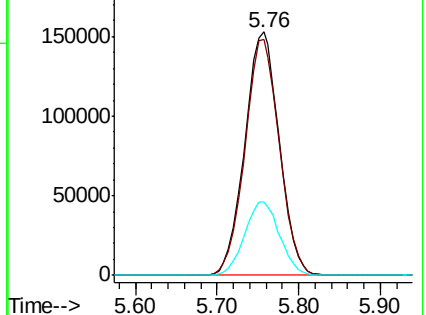
121 30.0 24.1 36.1



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: 115.253 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

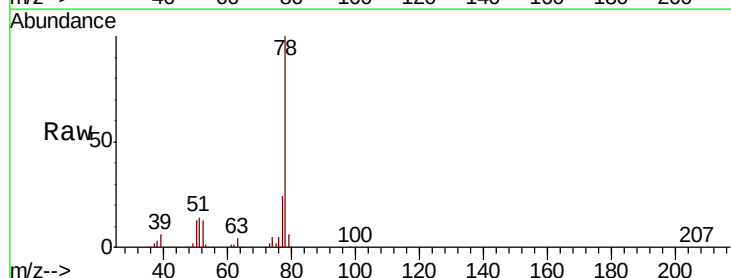
Tgt Ion: 78 Resp: 1246636

Ion Ratio Lower Upper

78 100

77 23.9 20.1 30.1

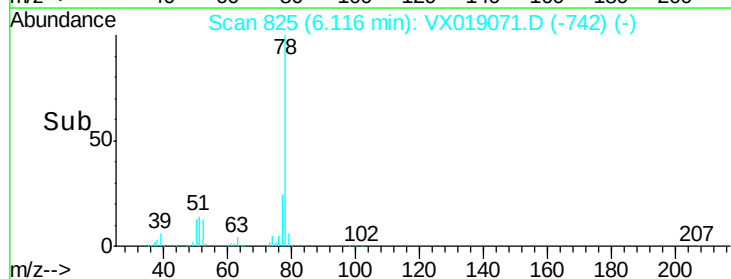
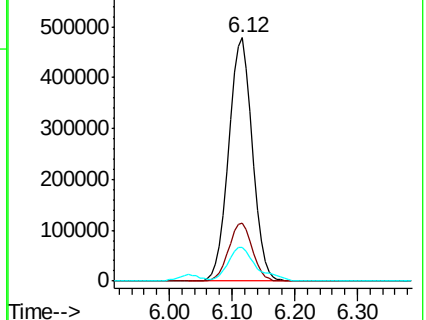
51 14.0 11.0 16.4

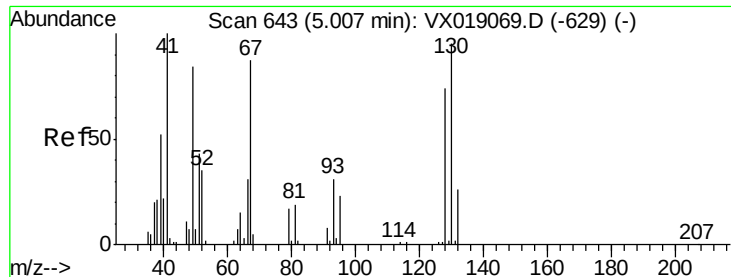


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

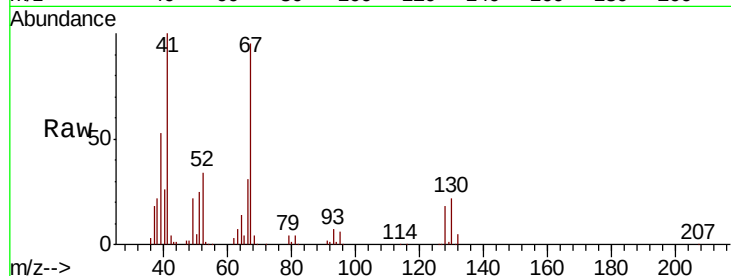




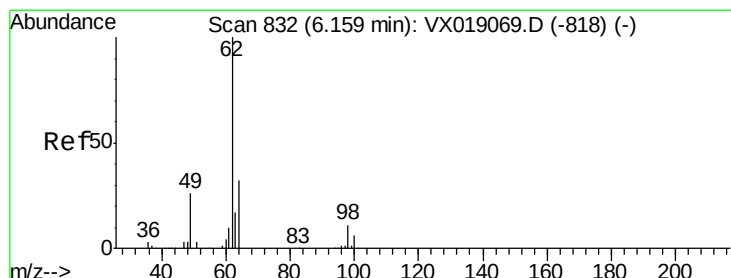
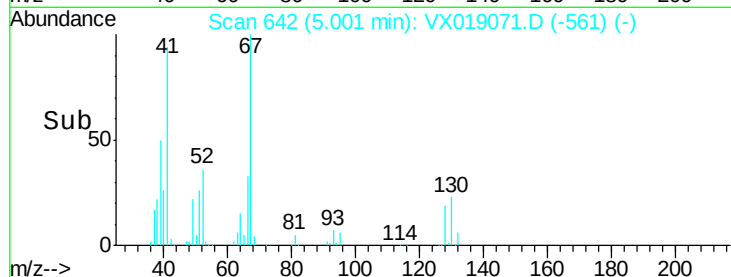
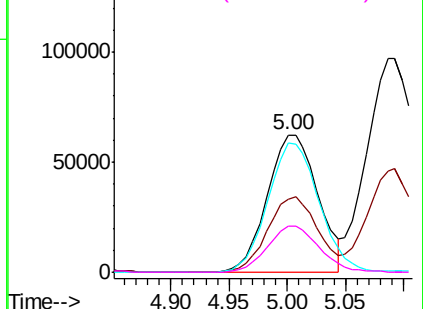
#35
Methacrylonitrile
Concen: 117.848 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	25.8	77.4	
67	94.8	43.6	130.8	
52	33.7	17.3	51.7	

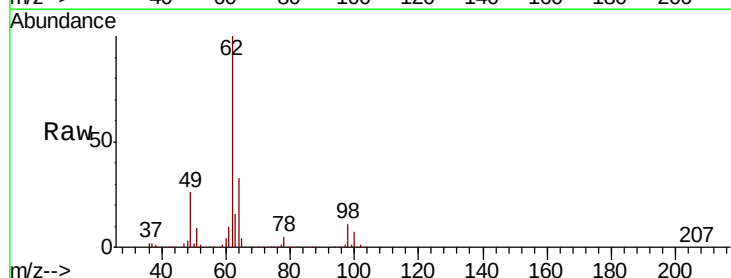


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

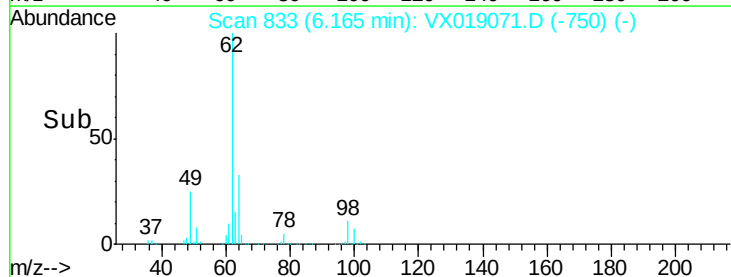
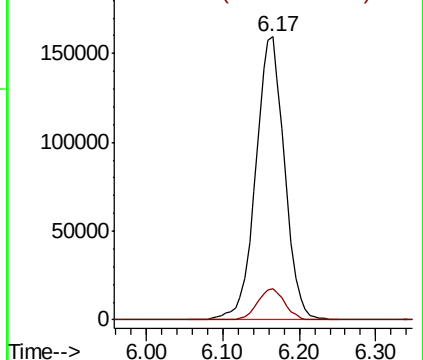


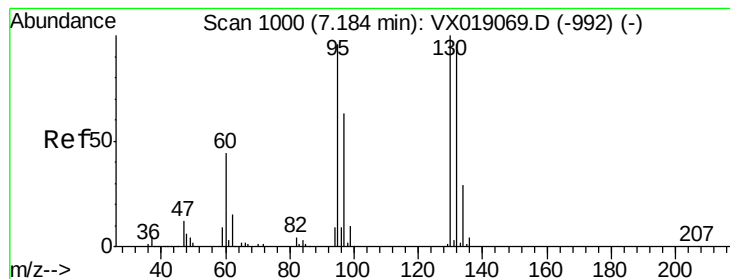
#36
1,2-Dichloroethane
Concen: 112.963 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	8.4	12.6	



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 115.917 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

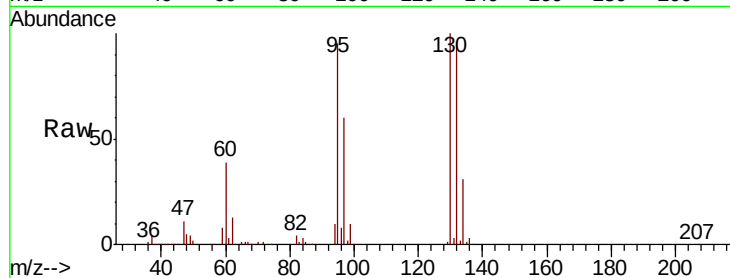
ClientSampleId :

Tot Ion:130 Resp: 360394

Ion Ratio Lower Upper

130 100

95 95.4 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

200000

150000

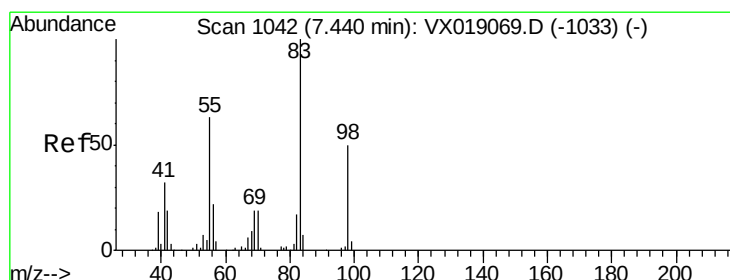
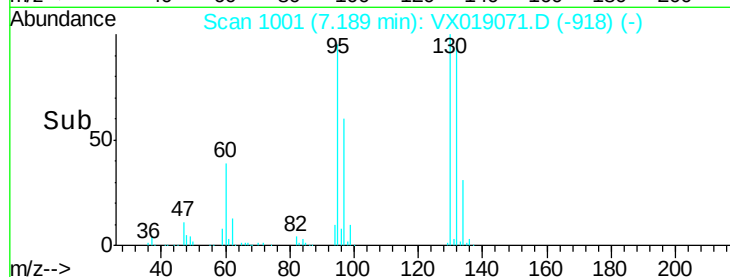
100000

50000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 114.358 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

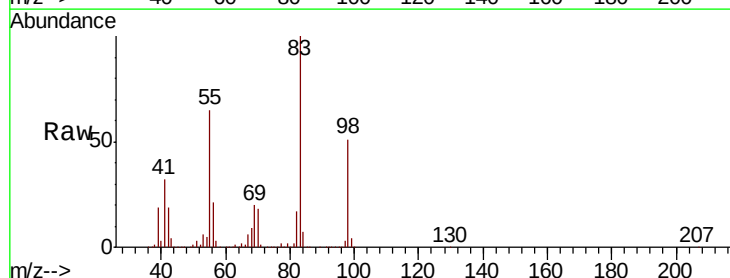
Tgt Ion: 83 Resp: 471227

Ion Ratio Lower Upper

83 100

55 64.1 32.3 96.8

98 50.8 25.7 77.1



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

300000

250000

200000

150000

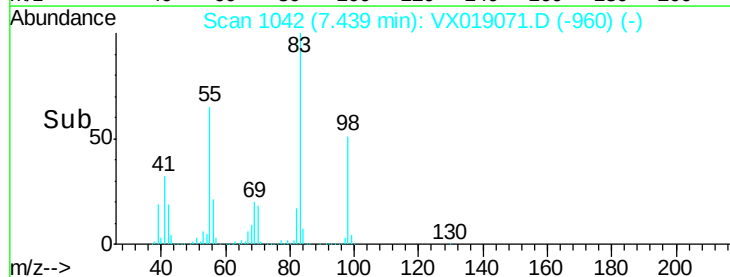
100000

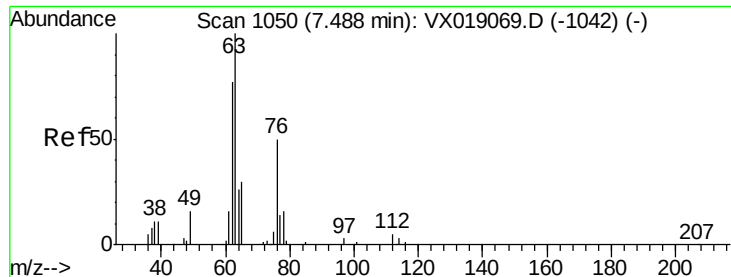
50000

0

7.30 7.40 7.50 7.60

Time-->





#39

1,2-Dichloropropane

Concen: 116.488 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

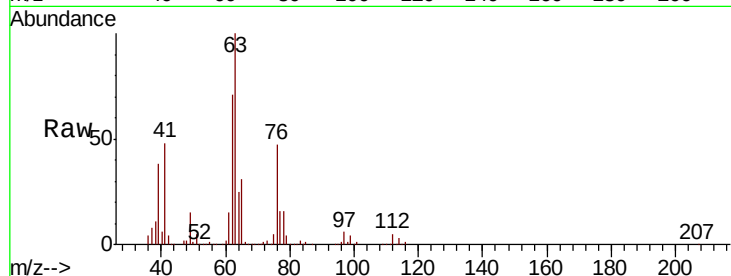
ClientSampleId :

Tot Ion: 63 Resp: 292478

Ion Ratio Lower Upper

63 100

65 31.3 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

150000

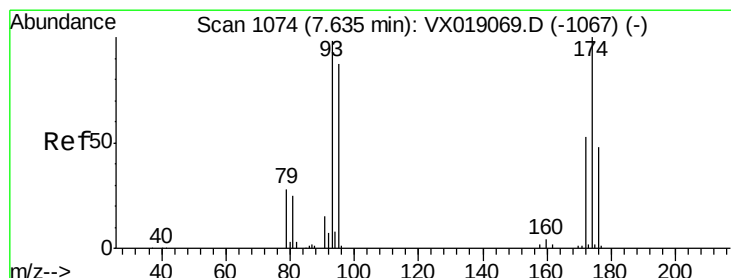
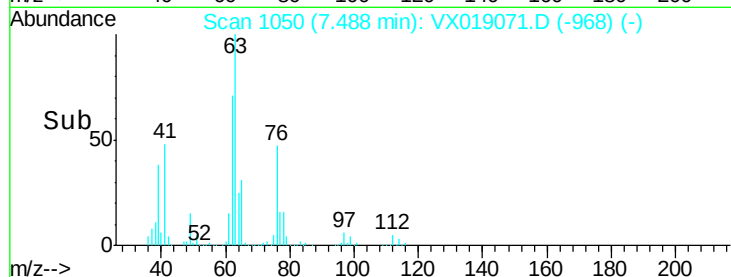
100000

50000

0

Time-->

7.40 7.50 7.60



#40

Dibromomethane

Concen: 117.069 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

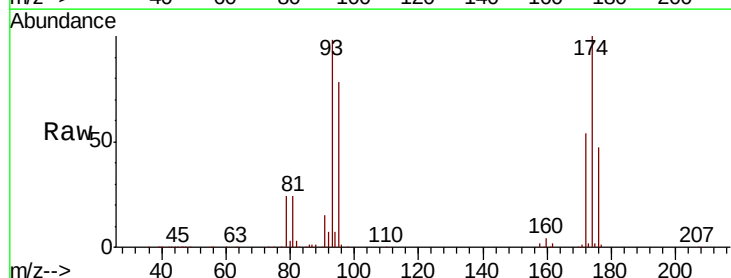
Tgt Ion: 93 Resp: 228119

Ion Ratio Lower Upper

93 100

95 82.6 0.0 169.0

174 106.3 0.0 205.4



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

7.63

150000

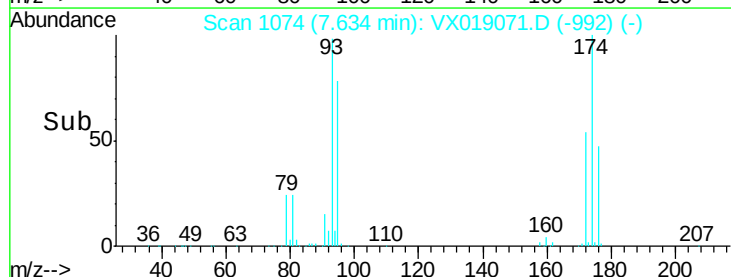
100000

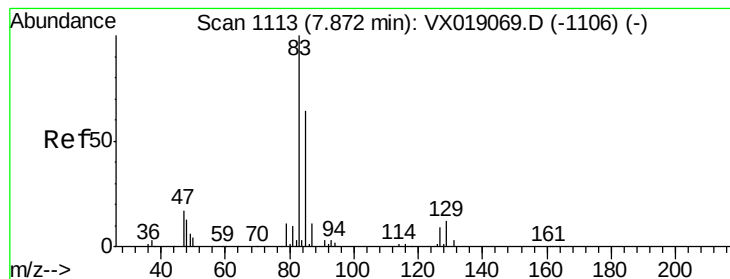
50000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#41

Bromodichloromethane

Concen: 119.357 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

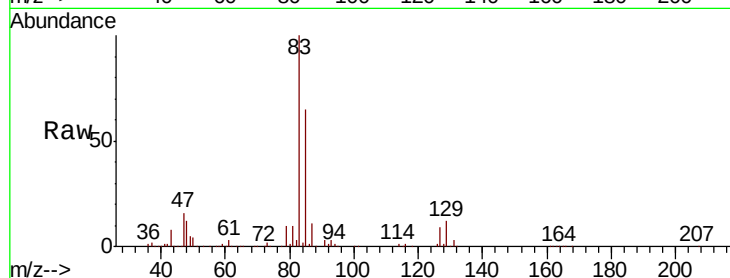
Tot Ion: 83 Resp: 459817

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

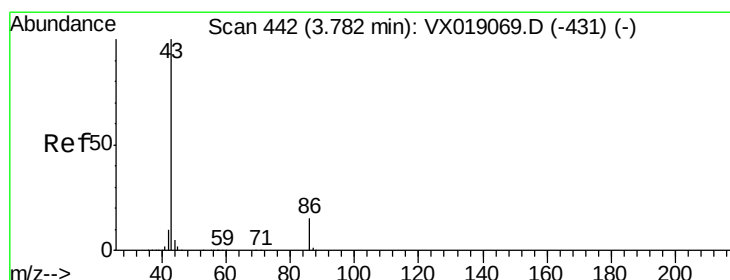
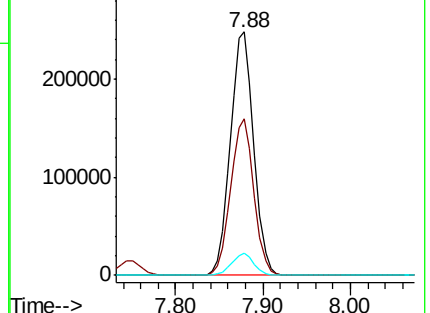
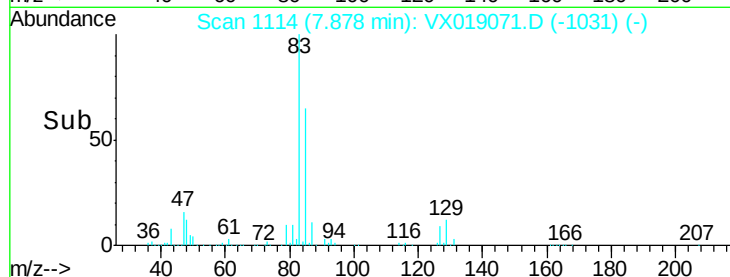
127 9.2 7.1 10.7



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: 579.430 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019071.D

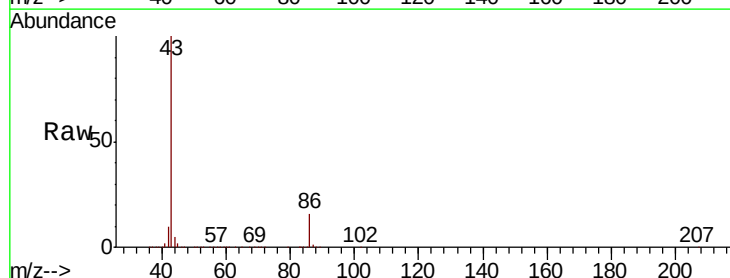
Acq: 23 Oct 2020 11:00

Tgt Ion: 43 Resp: 3301799

Ion Ratio Lower Upper

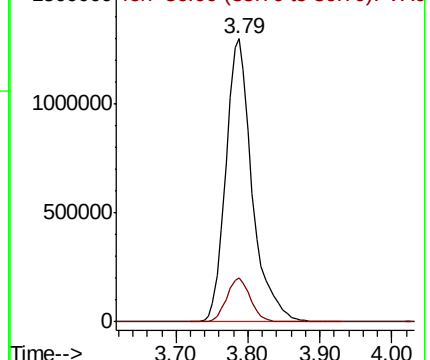
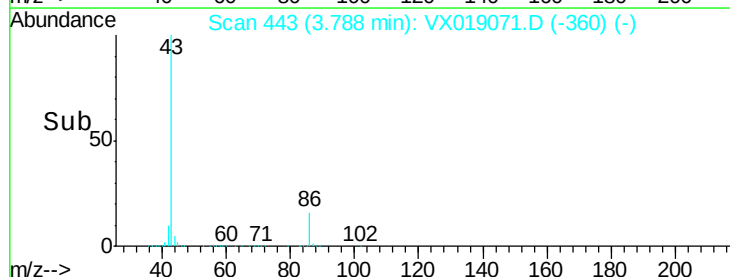
43 100

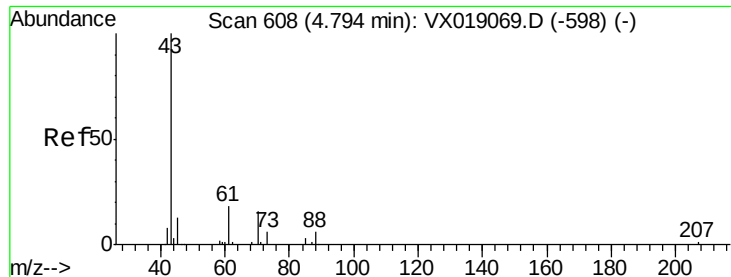
86 13.9 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

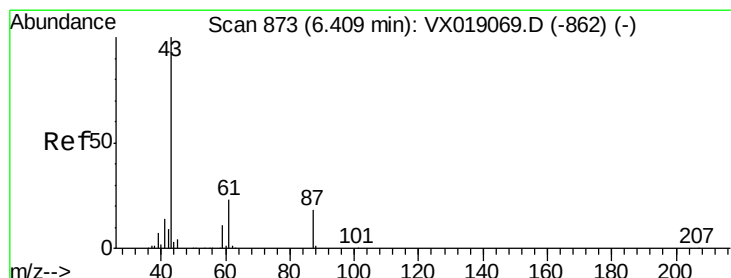
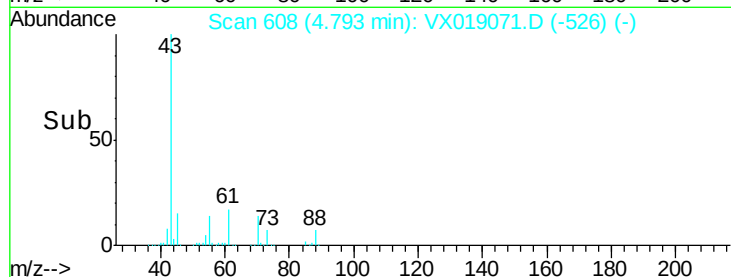
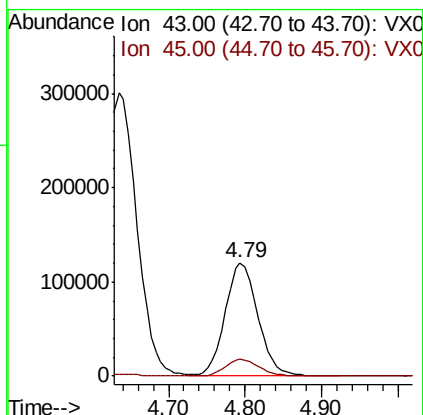
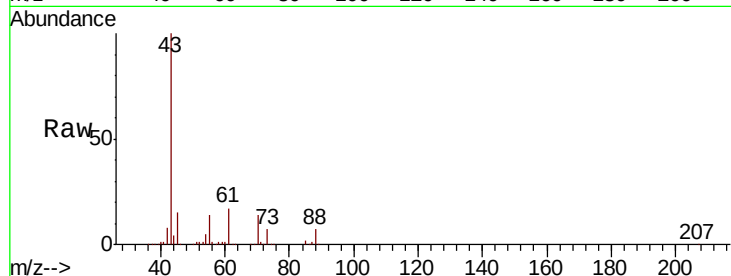




#43
Ethyl Acetate
Concen: 115.845 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

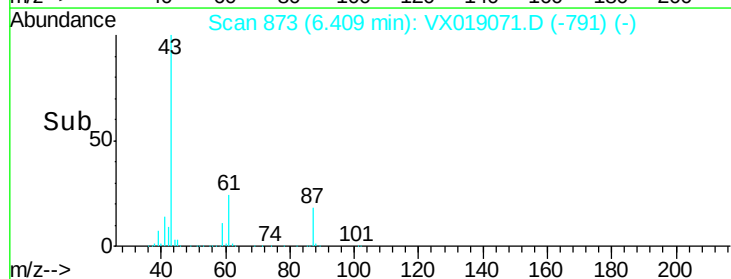
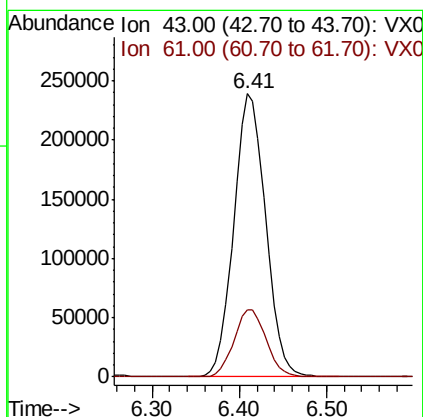
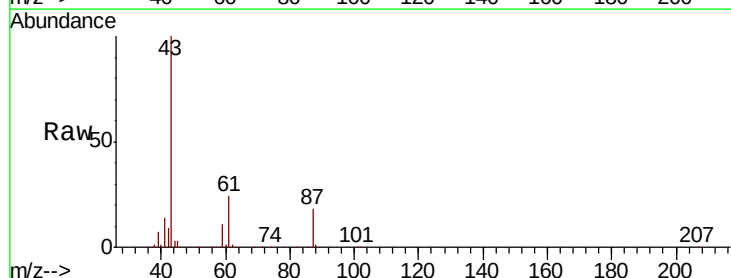
Instrument :
MSVOA_X
ClientSampled :

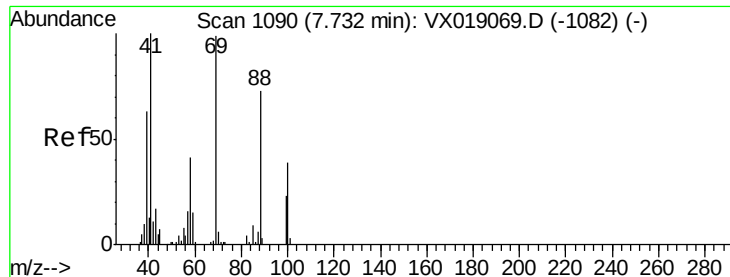
Tot Ion: 43 Resp: 355906
Ion Ratio Lower Upper
43 100
45 15.0 12.7 19.1



#44
Isopropyl Acetate
Concen: 117.488 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 43 Resp: 604432
Ion Ratio Lower Upper
43 100
61 23.9 19.1 28.7

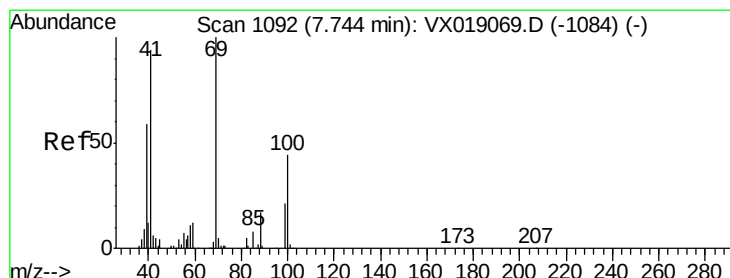
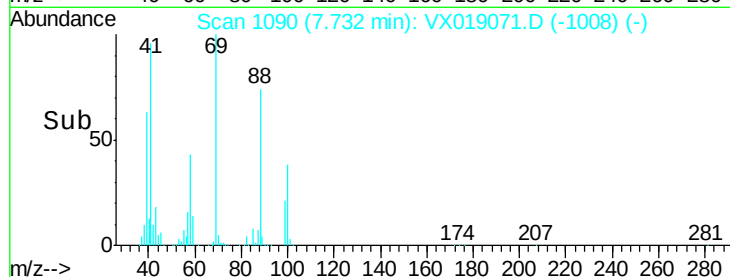
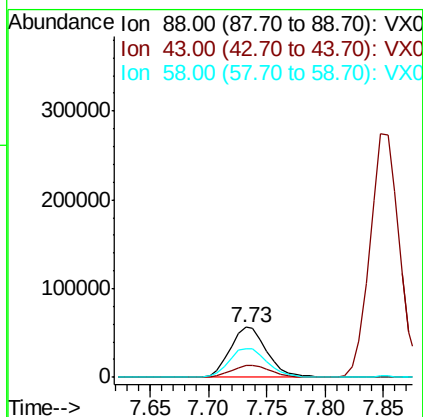
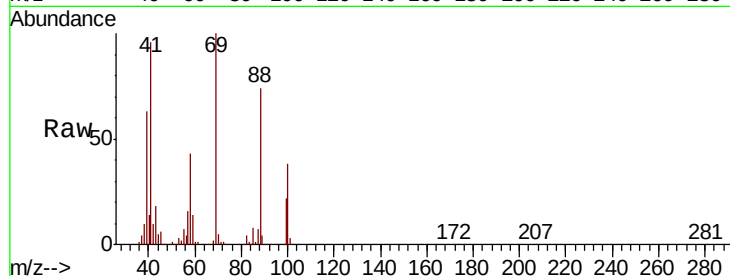




#45
 1,4-Dioxane
 Concen: 2305.126 ug/l
 RT: 7.73 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

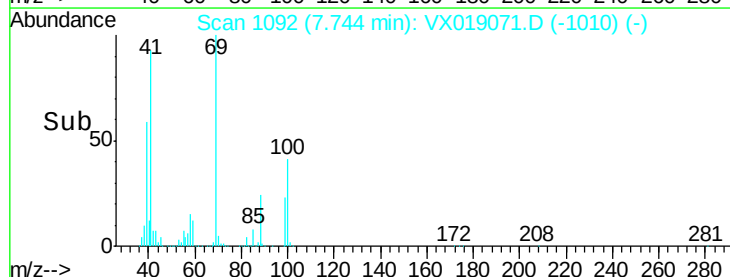
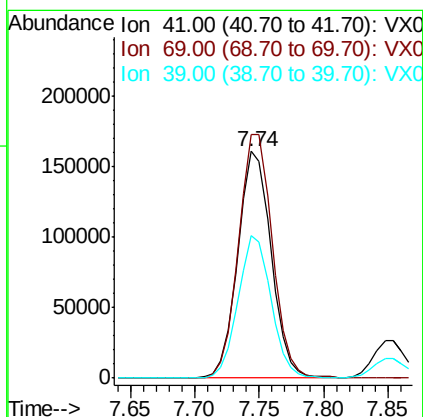
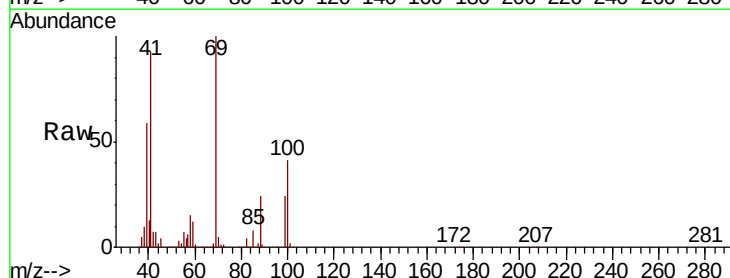
Instrument :
 MSVOA_X
 ClientSampleId :

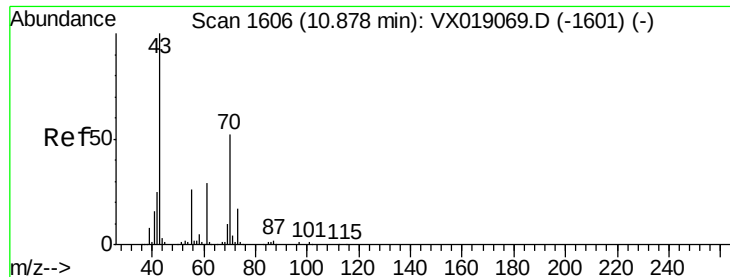
Tot Ion: 88 Resp: 124650
 Ion Ratio Lower Upper
 88 100
 43 25.4 20.5 30.7
 58 60.7 47.4 71.2



#46
 Methyl methacrylate
 Concen: 118.306 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion: 41 Resp: 288070
 Ion Ratio Lower Upper
 41 100
 69 107.3 53.1 159.4
 39 62.9 31.3 93.9

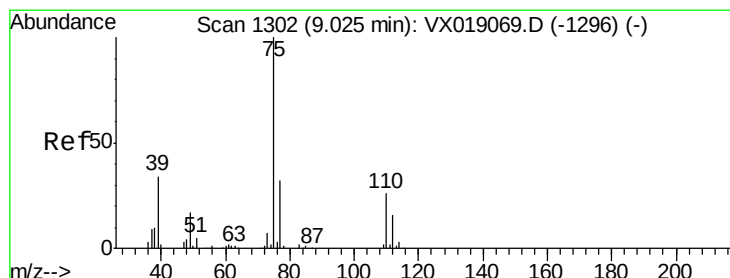
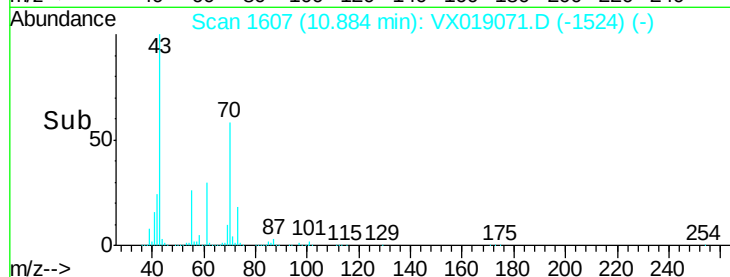
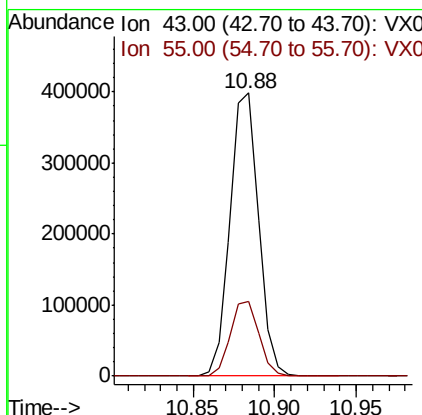
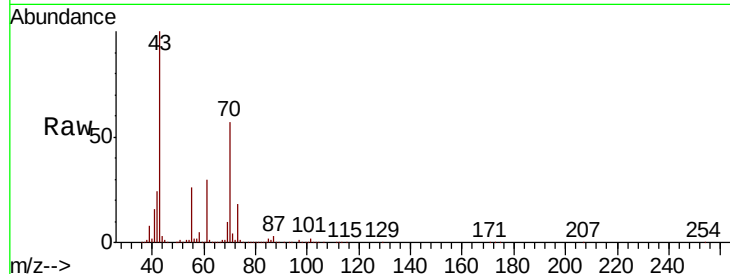




#47
 n-amvl Acetate
 Concen: 117.782 ug/l
 RT: 10.88 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

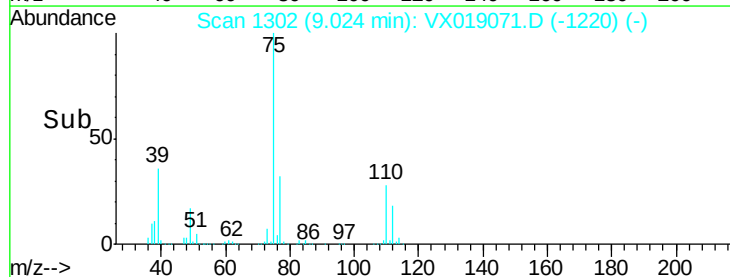
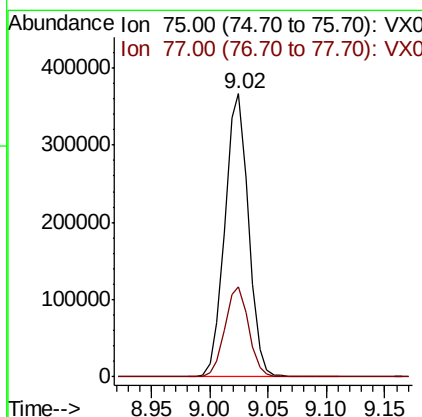
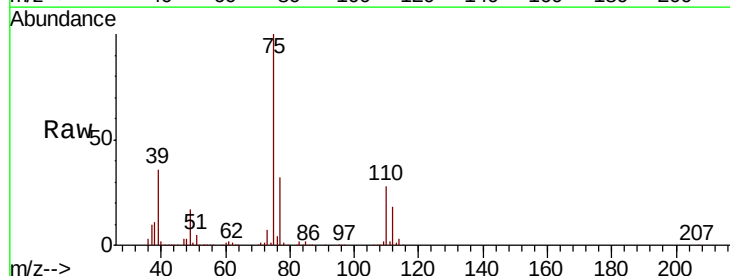
Instrument :
 MSVOA_X
 ClientSampleId :

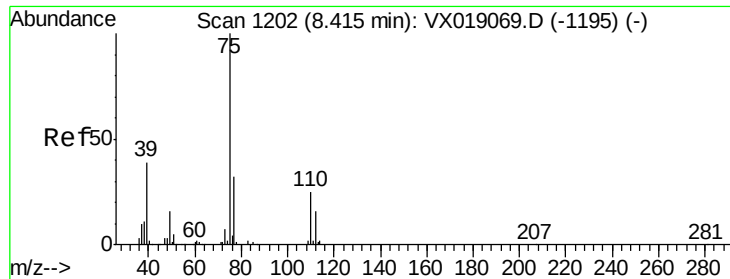
Tot Ion: 43 Resp: 486043
 Ion Ratio Lower Upper
 43 100
 55 26.4 21.5 32.3



#48
 t-1,3-Dichloropropene
 Concen: 119.546 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion: 75 Resp: 515581
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



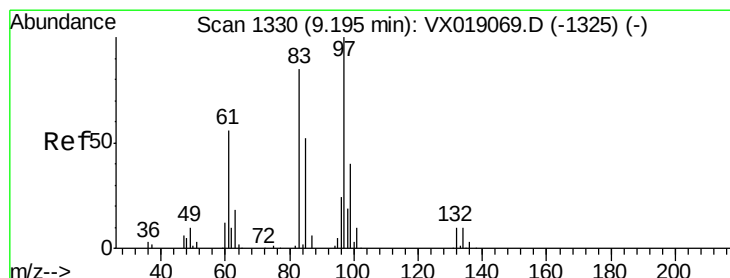
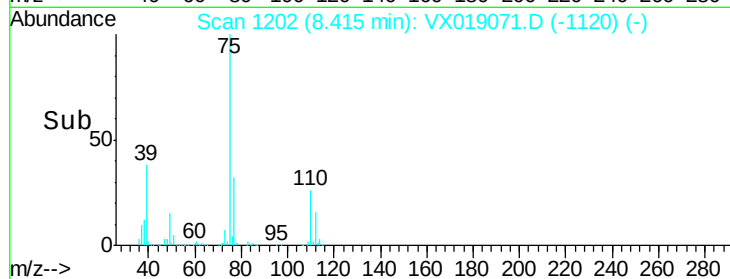
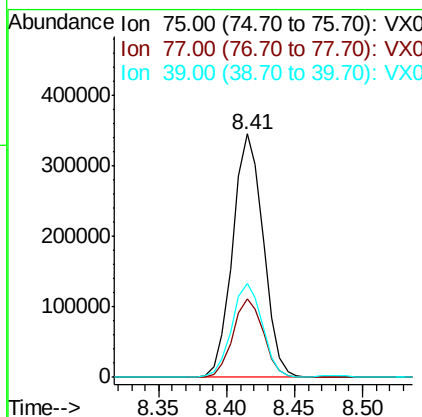
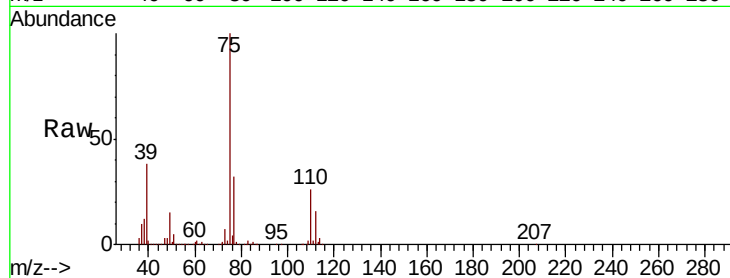


#49

cis-1,3-Dichloropropene
 Concen: 118.333 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :

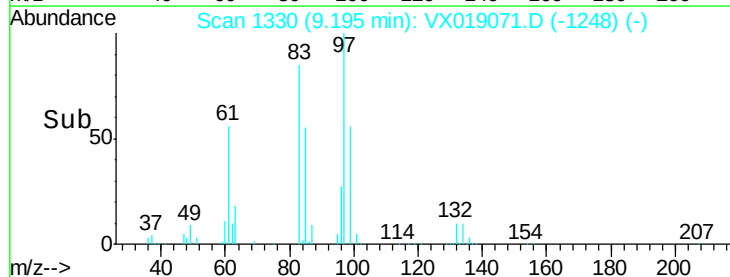
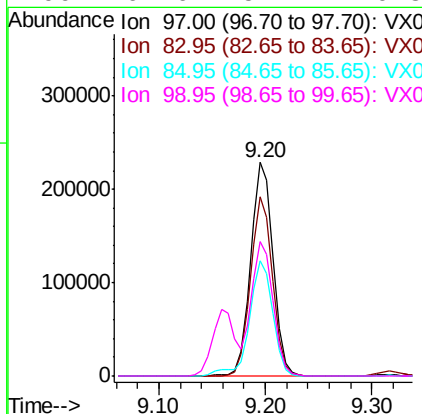
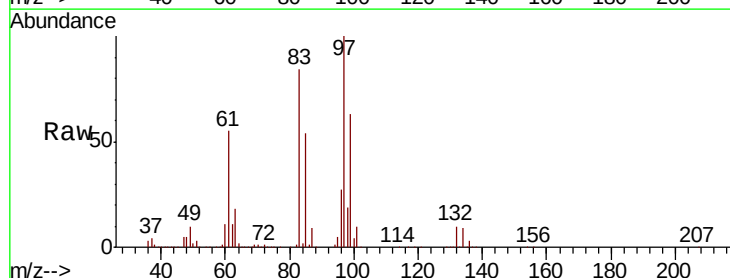
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	38.3	31.0	46.6

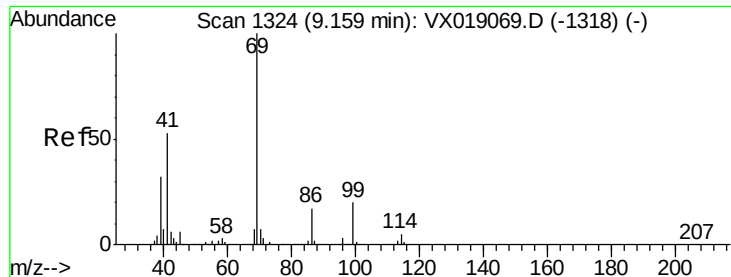


#50

1,1,2-Trichloroethane
 Concen: 119.629 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.8	101.6
85	54.0	43.5	65.3
99	62.6	51.2	76.8

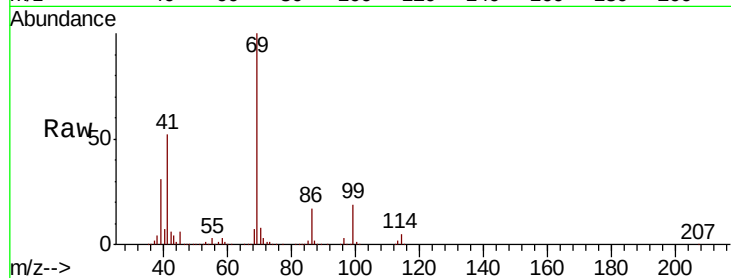




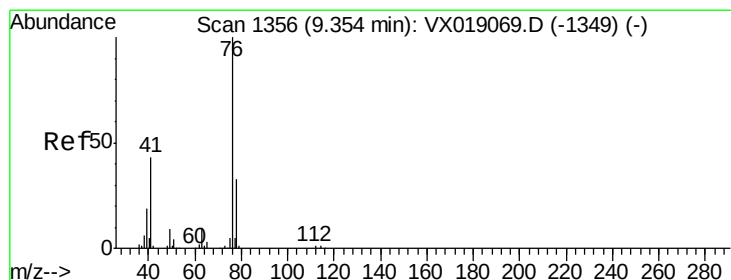
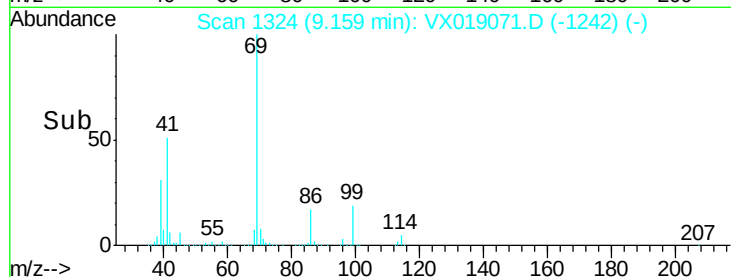
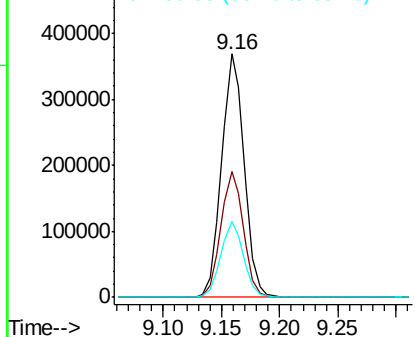
#51
Ethyl methacrylate
Concen: 119.882 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
69	100		
41	51.5	26.5	79.4
39	31.0	16.2	48.6

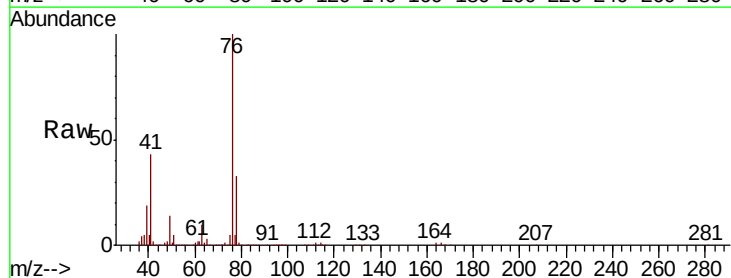


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

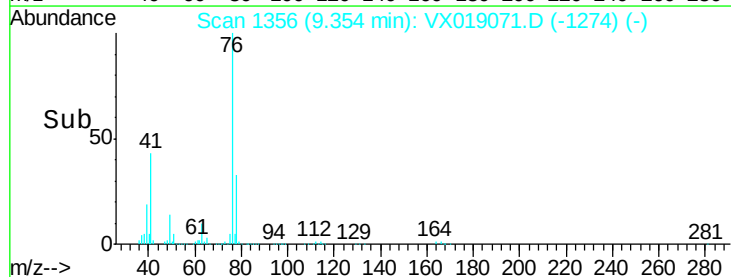
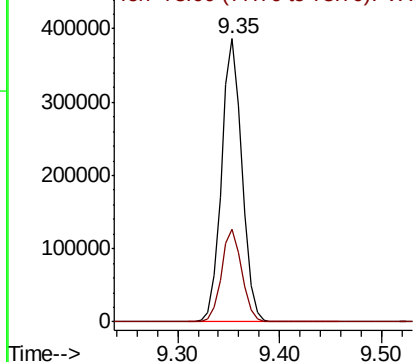


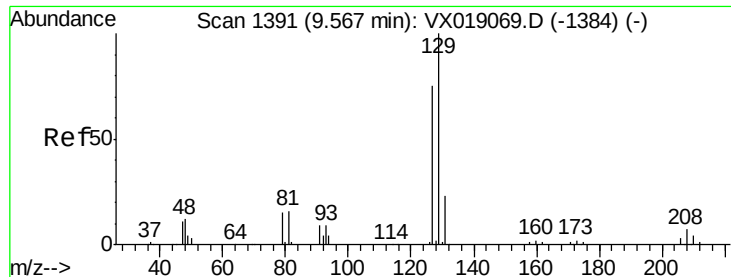
#52
1,3-Dichloropropane
Concen: 117.178 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.2



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

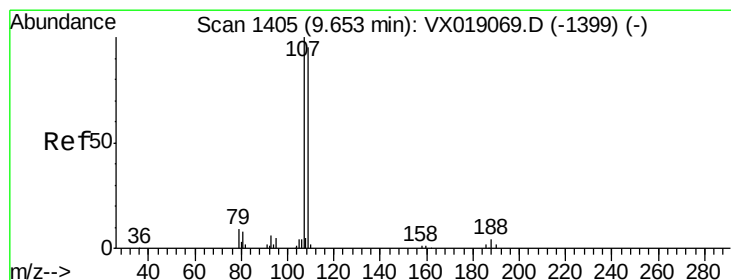
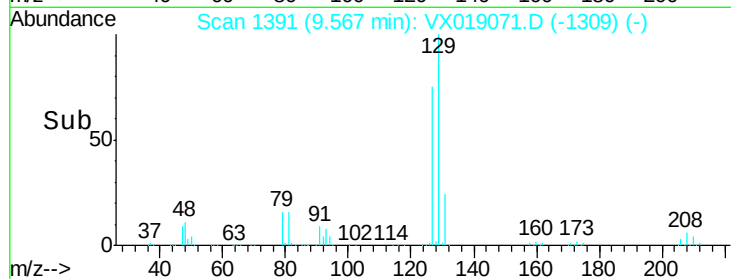
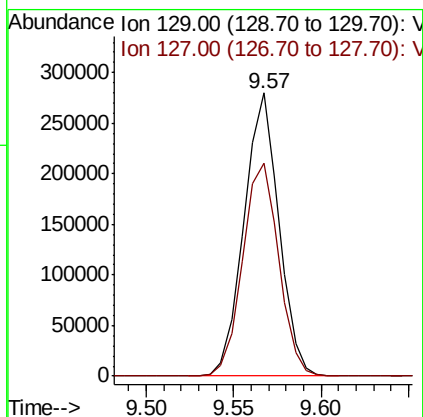
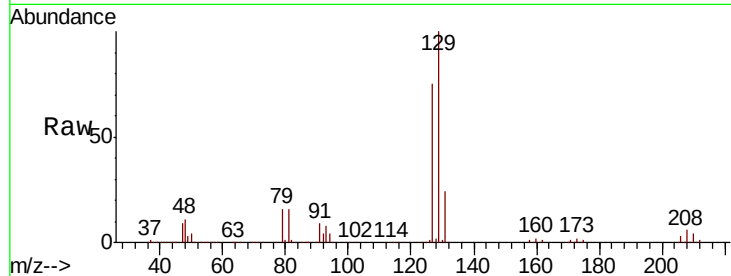




#53
 Dibromochloromethane
 Concen: 123.531 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

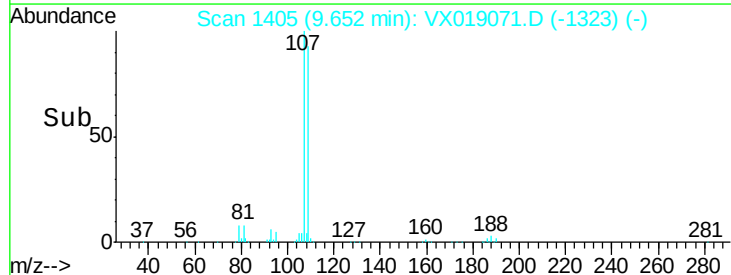
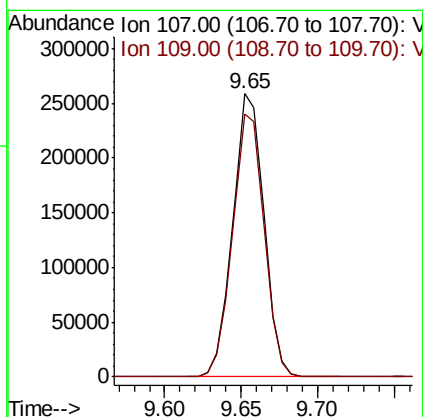
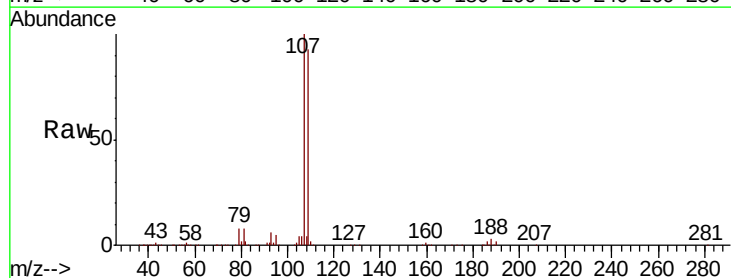
Instrument :
 MSVOA_X
 ClientSampleId :

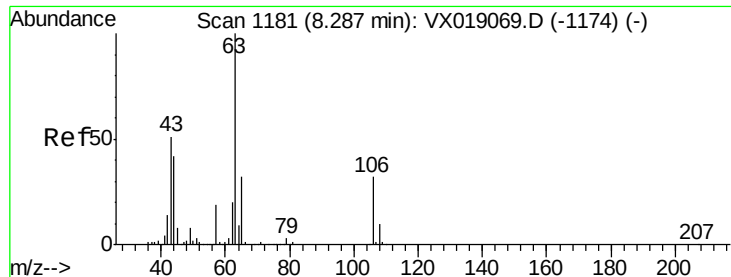
Tot Ion:129 Resp: 388125
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.4 115.1



#54
 1,2-Dibromoethane
 Concen: 118.935 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion:107 Resp: 364758
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.6 112.0

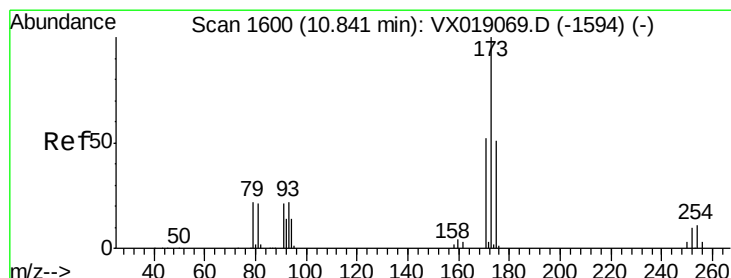
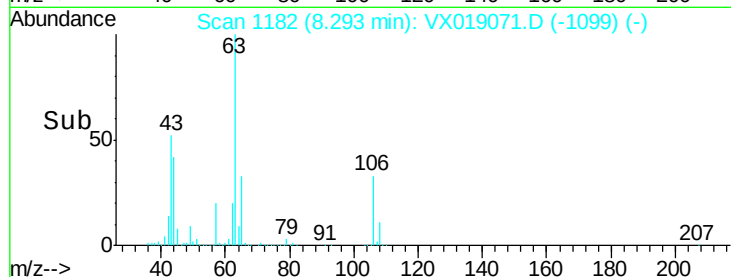
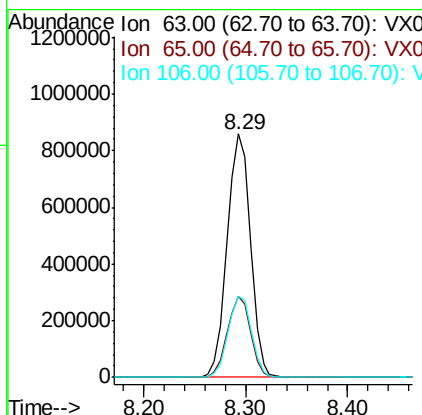
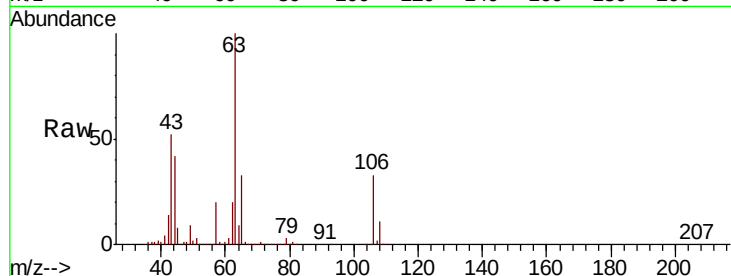




#55
 2-Chloroethyl vinyl ether
 Concen: 616.524 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

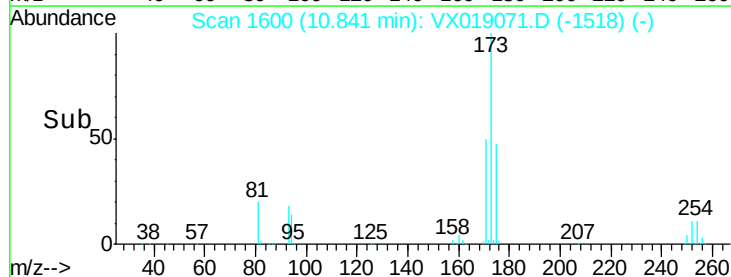
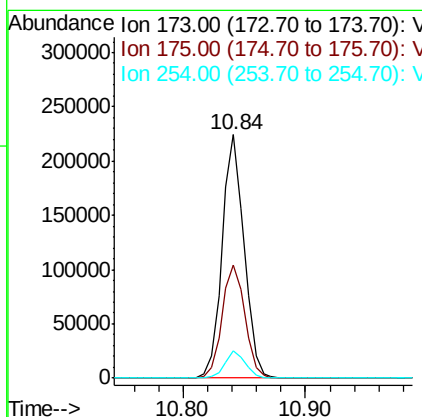
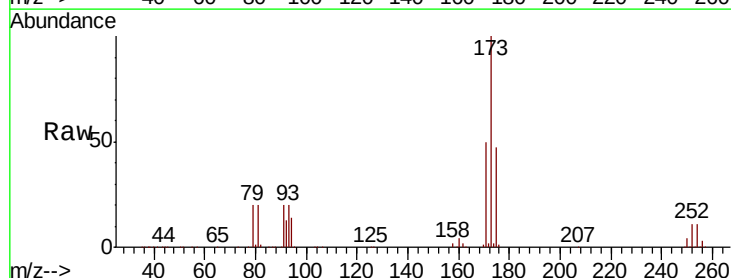
Instrument :
 MSVOA_X
 ClientSampled :

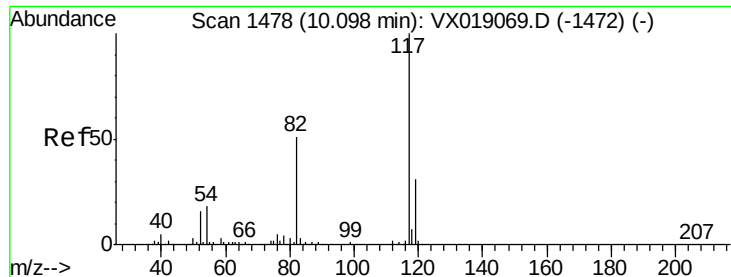
Tot Ion: 63 Resp: 1356891
 Ion Ratio Lower Upper
 63 100
 65 32.8 26.0 39.0
 106 33.3 25.9 38.9



#56
 Bromoform
 Concen: 126.636 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion: 173 Resp: 278159
 Ion Ratio Lower Upper
 173 100
 175 48.4 39.6 59.4
 254 10.6 8.6 13.0

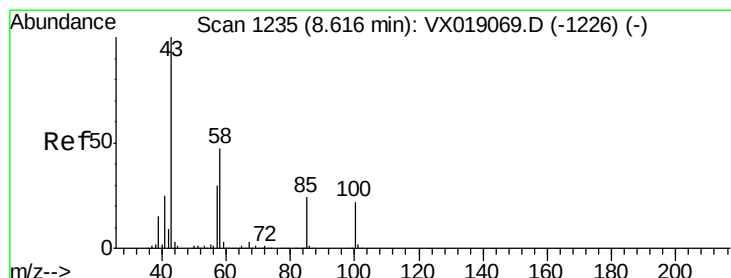
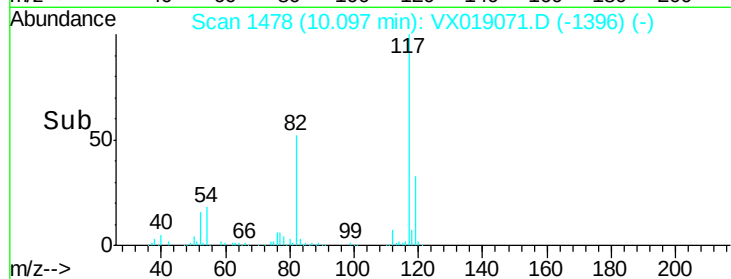
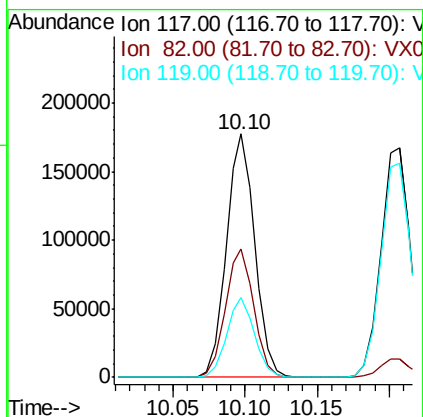
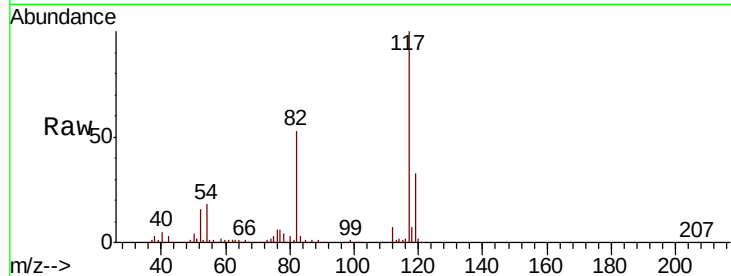




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

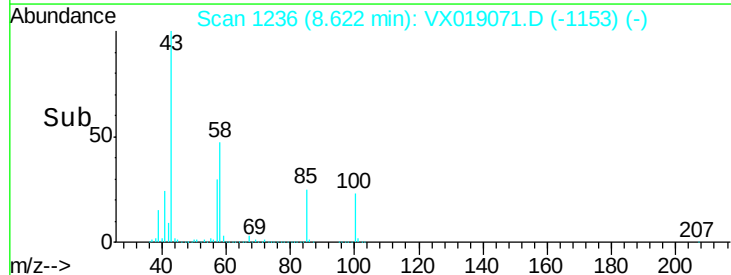
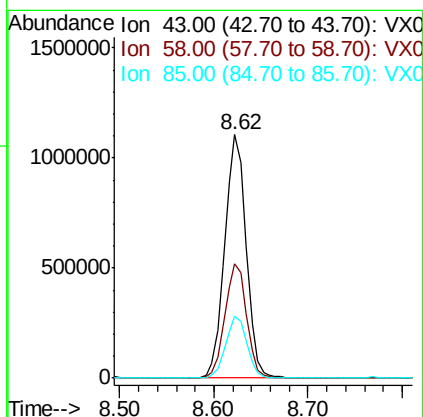
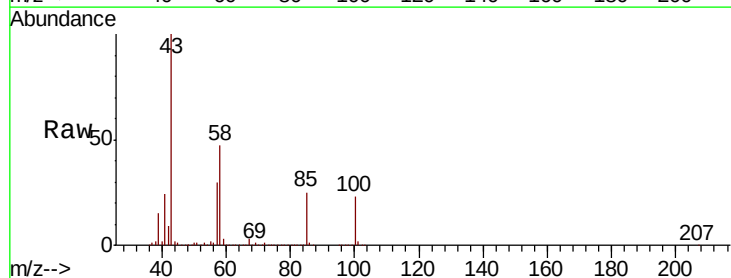
Instrument :
MSVOA_X
ClientSampled :

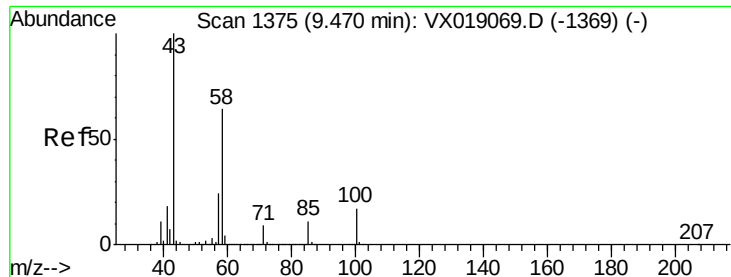
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.5	63.7
119	31.9	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 564.486 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.3	37.6	56.4
85	25.2	19.4	29.2

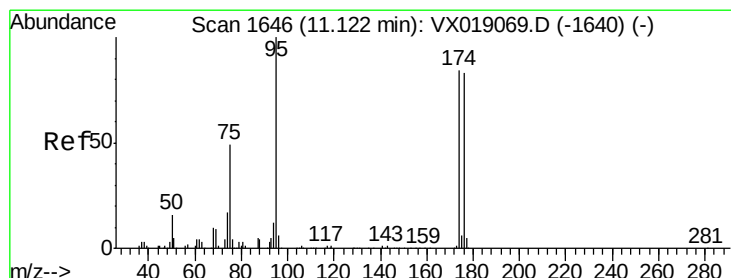
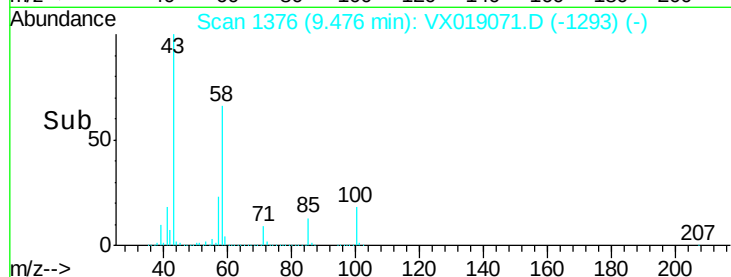
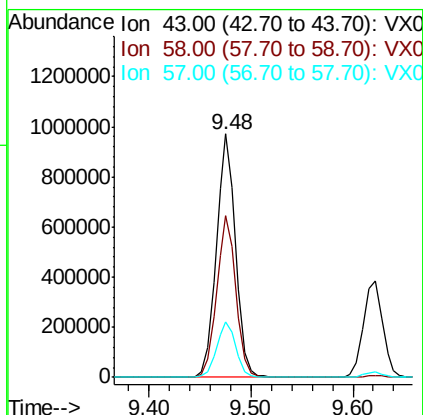
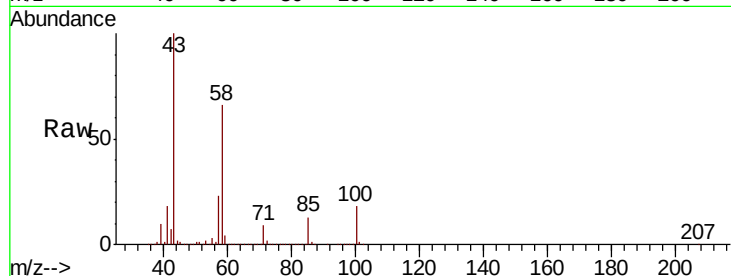




#59
2-Hexanone
Concen: 555.567 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

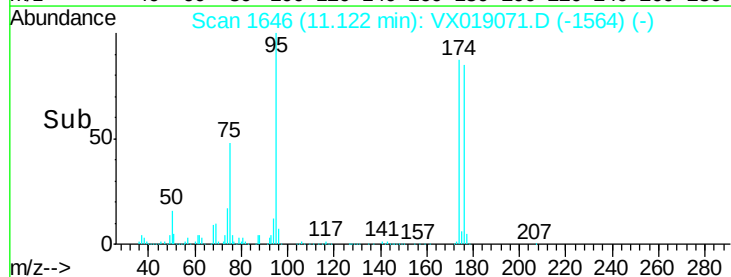
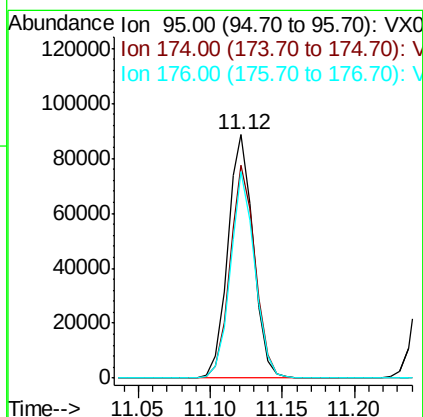
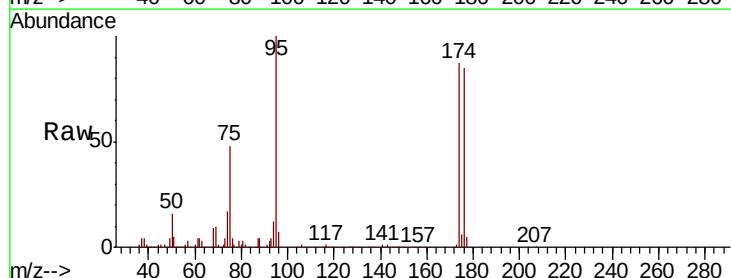
Instrument :
MSVOA_X
ClientSampleId :

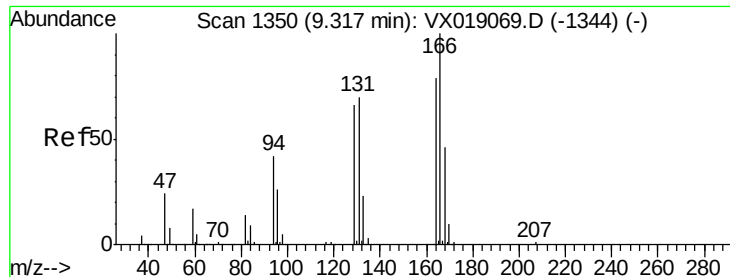
Tot Ion: 43 Resp: 1280029
Ion Ratio Lower Upper
43 100
58 66.2 51.9 77.9
57 22.8 18.2 27.4



#60
4-Bromofluorobenzene
Concen: 29.975 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 95 Resp: 110305
Ion Ratio Lower Upper
95 100
174 86.1 66.3 99.5
176 80.9 65.5 98.3





#61

Tetrachloroethene

Concen: 111.579 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 324543

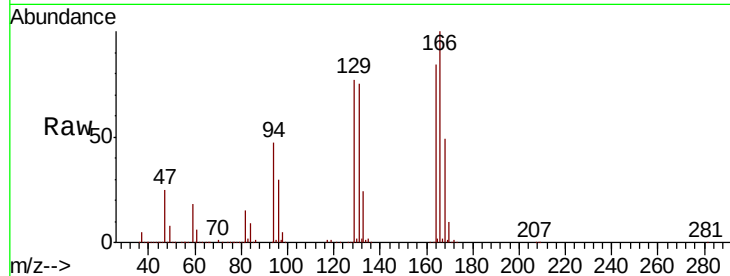
Ion Ratio Lower Upper

164 100

166 119.5 101.9 152.9

129 91.6 67.0 100.6

131 90.0 71.1 106.7

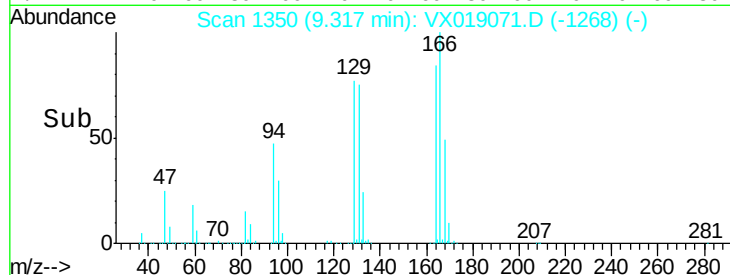


Abundance Ion 163.85 (163.55 to 164.55): V

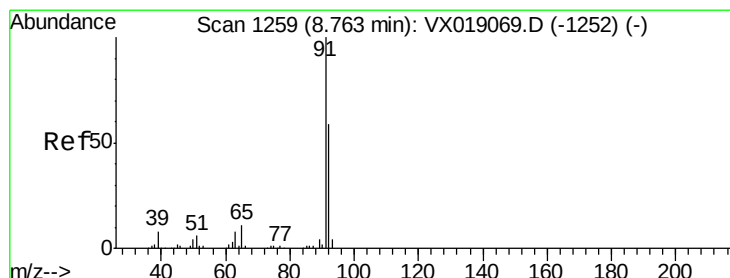
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 111.445 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019071.D

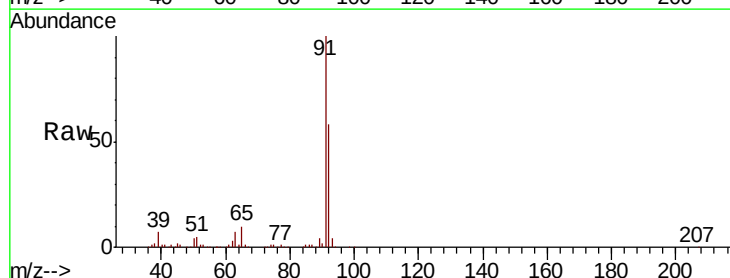
Acq: 23 Oct 2020 11:00

Tgt Ion: 91 Resp: 1436054

Ion Ratio Lower Upper

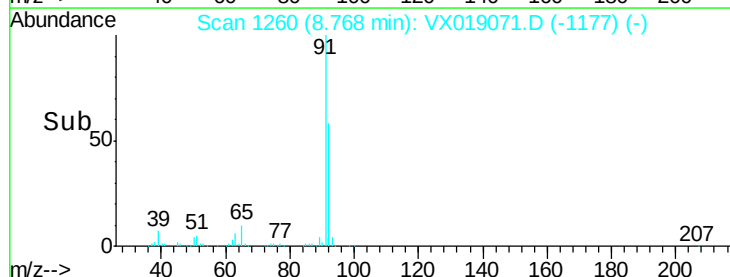
91 100

92 58.9 47.3 70.9

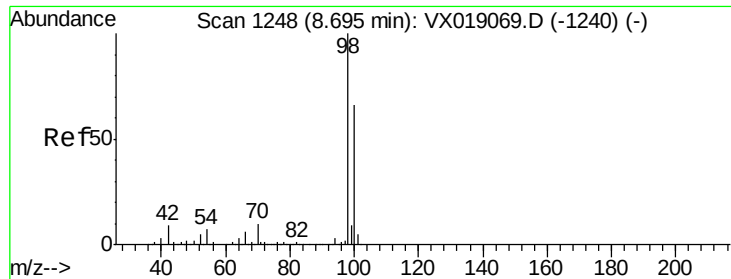


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



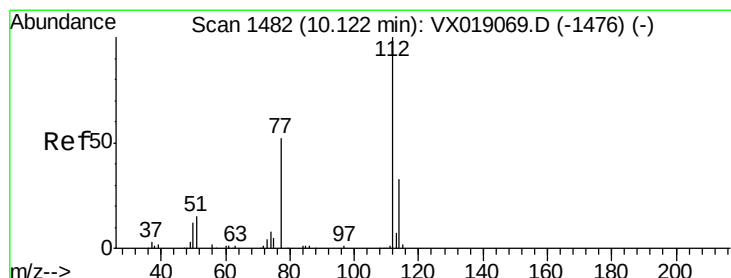
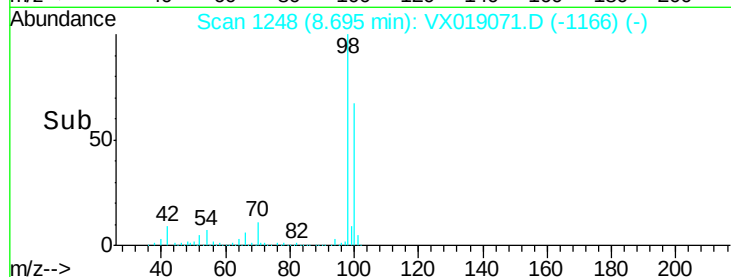
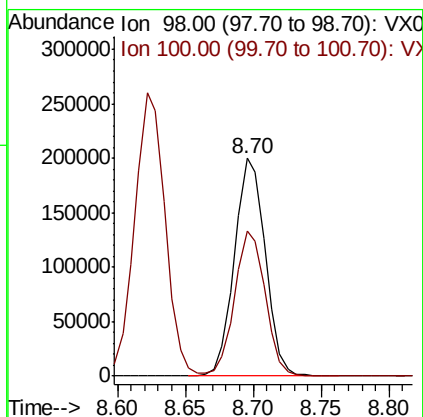
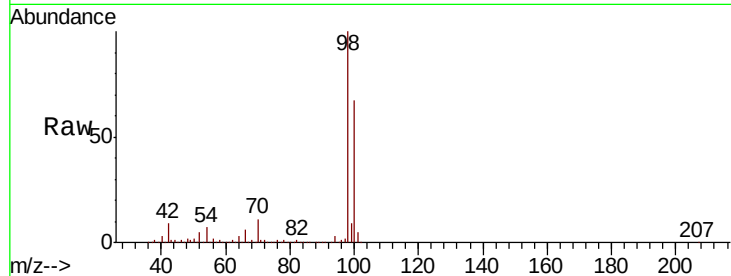
Time-->



#63
Toluene-d8
Concen: 29.195 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

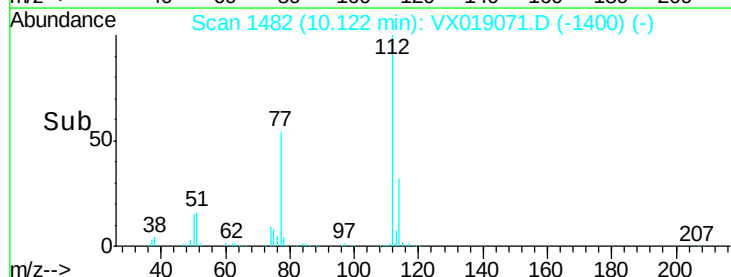
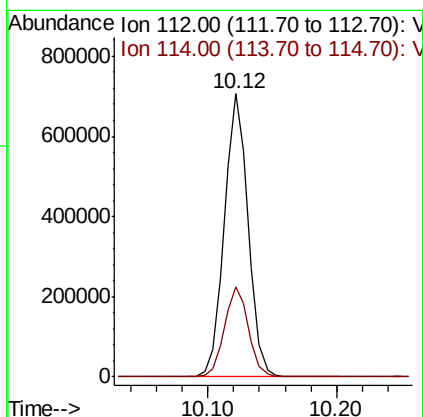
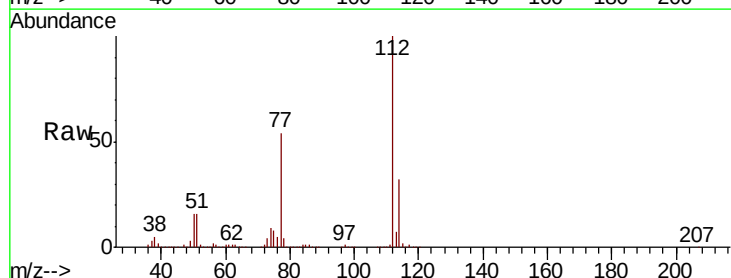
Instrument :
MSVOA_X
ClientSampled :

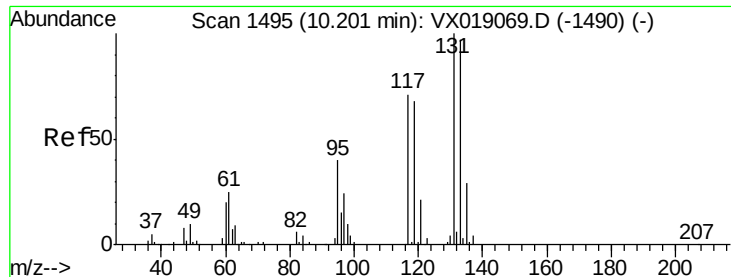
Tot Ion: 98 Resp: 316035
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4



#64
Chlorobenzene
Concen: 114.604 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 112 Resp: 917996
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 117.008 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

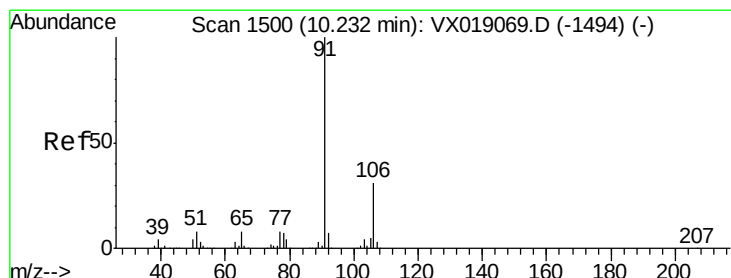
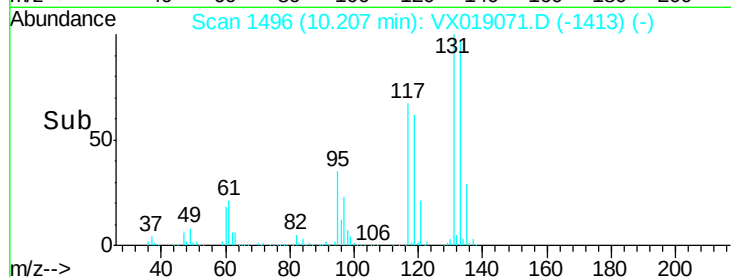
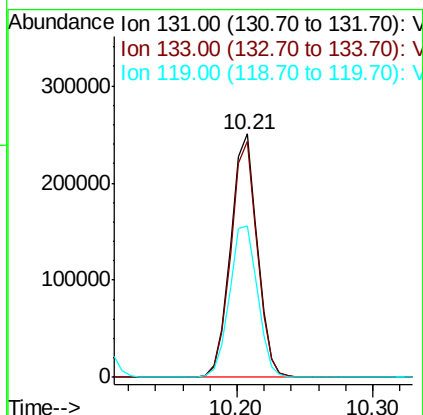
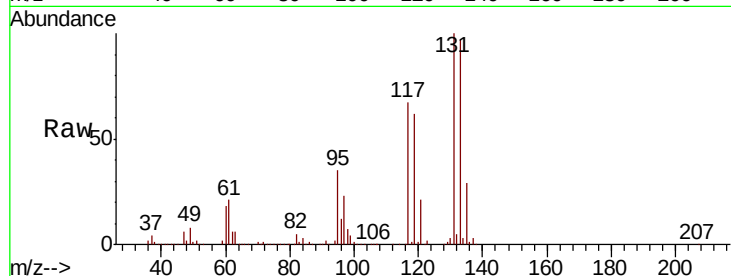
Tot Ion:131 Resp: 340869

Ion Ratio Lower Upper

131 100

133 96.1 0.0 191.6

119 65.6 0.0 130.0



#66

Ethyl Benzene

Concen: 113.864 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019071.D

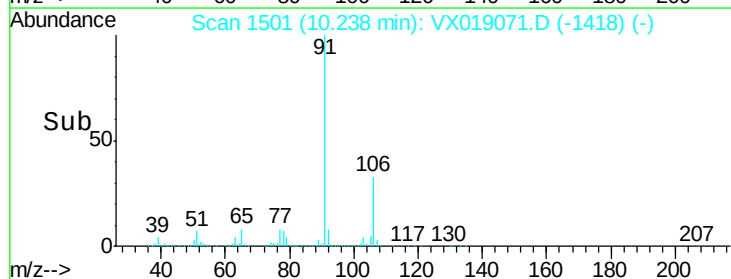
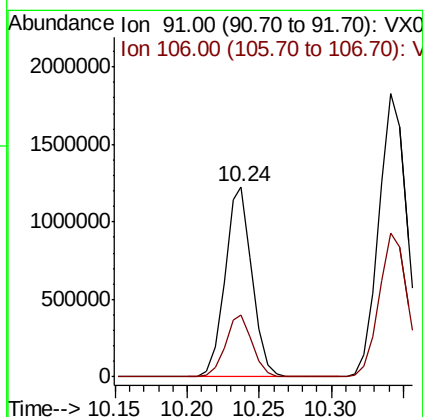
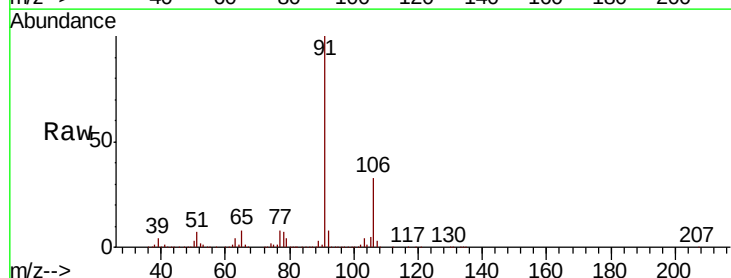
Acq: 23 Oct 2020 11:00

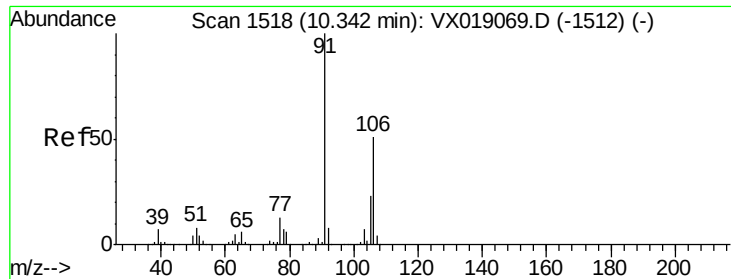
Tgt Ion: 91 Resp: 1608595

Ion Ratio Lower Upper

91 100

106 32.7 24.7 37.1

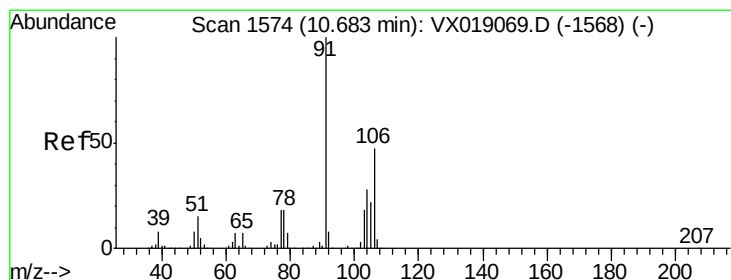
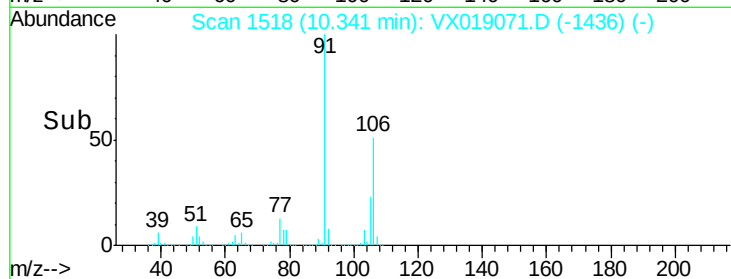
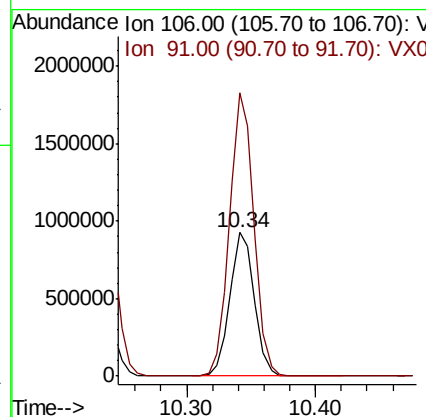
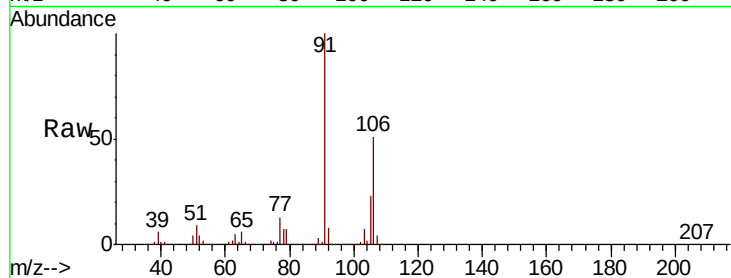




#67
m/p-Xylenes
Concen: 229.379 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

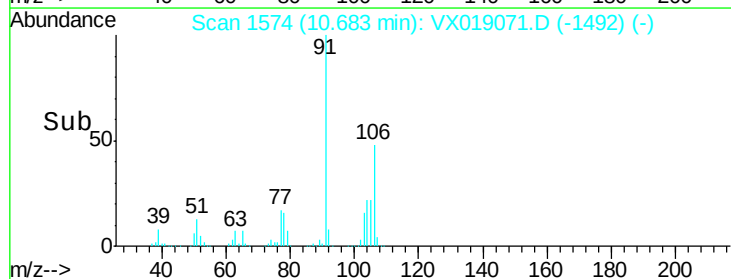
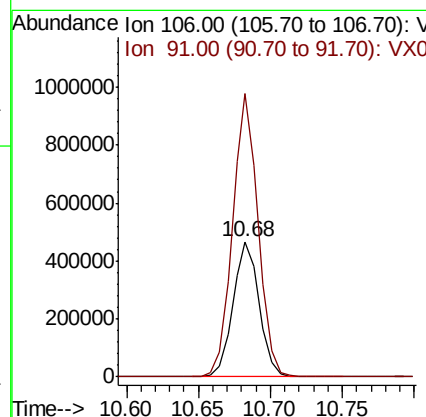
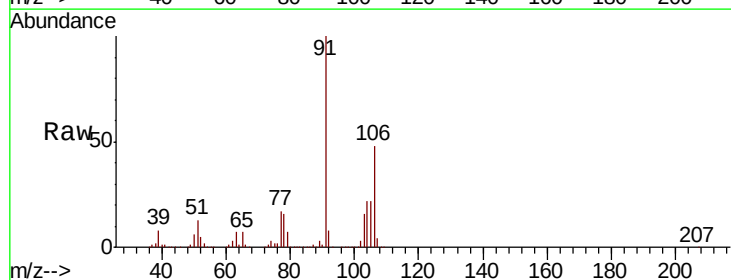
Instrument :
MSVOA_X
ClientSampleId :

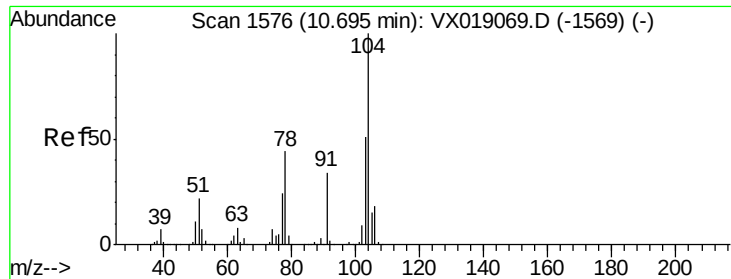
Tot Ion:106 Resp: 1235820
Ion Ratio Lower Upper
106 100
91 197.0 157.5 236.3



#68
o-Xylene
Concen: 115.304 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion:106 Resp: 592485
Ion Ratio Lower Upper
106 100
91 204.5 103.8 311.4

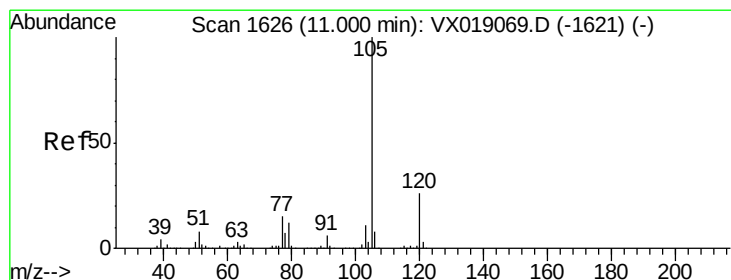
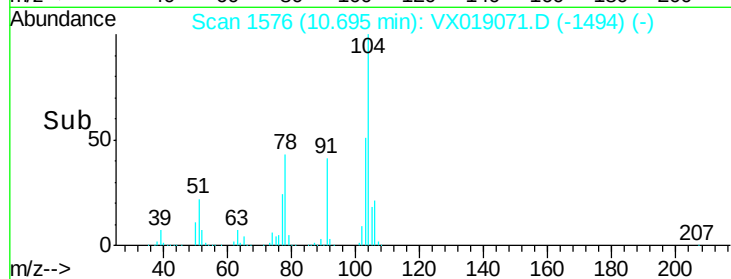
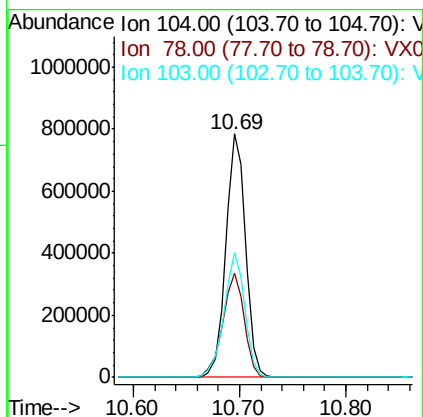
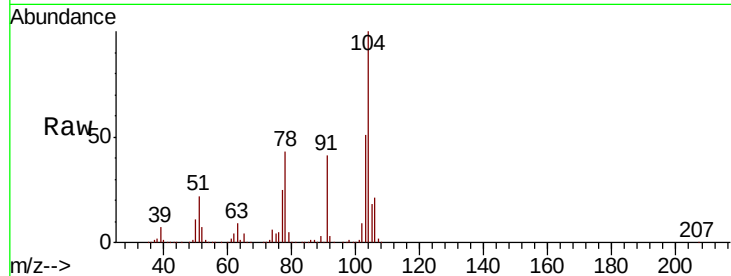




#69
Stvrene
Concen: 117.369 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

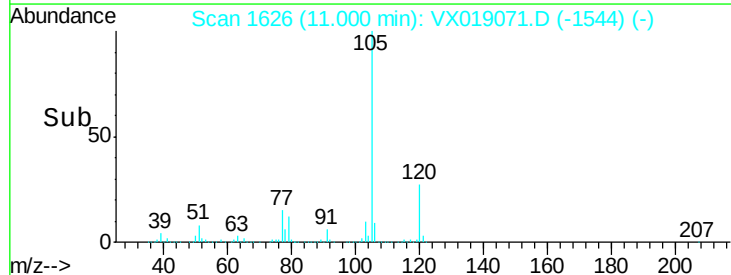
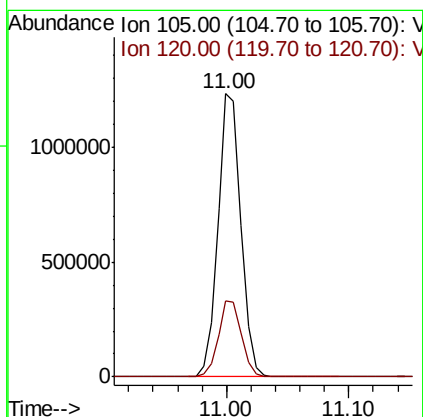
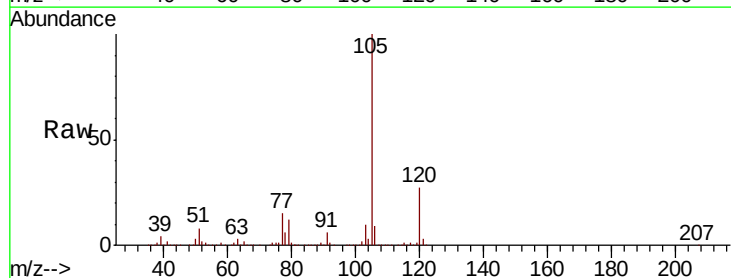
Instrument :
MSVOA_X
ClientSampleId :

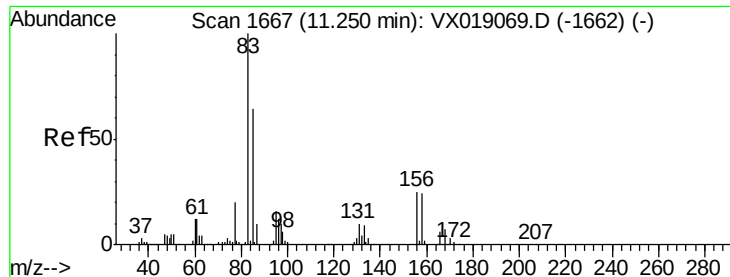
Tot Ion:104 Resp: 1016130
Ion Ratio Lower Upper
104 100
78 46.8 38.6 58.0
103 54.2 43.4 65.2



#70
Isopropylbenzene
Concen: 116.326 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion:105 Resp: 1607192
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 113.648 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

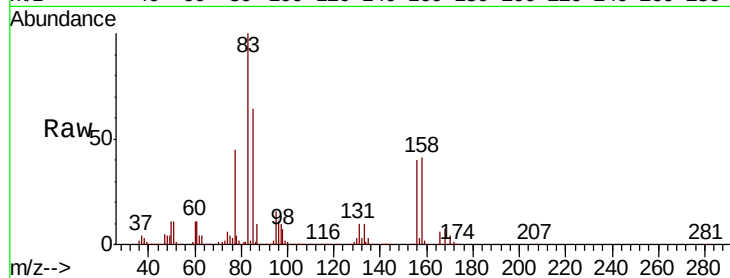
Tot Ion: 83 Resp: 453305

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

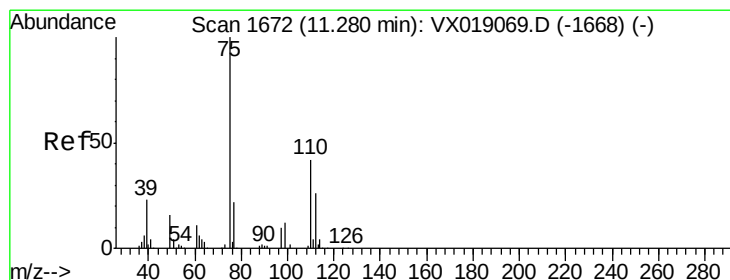
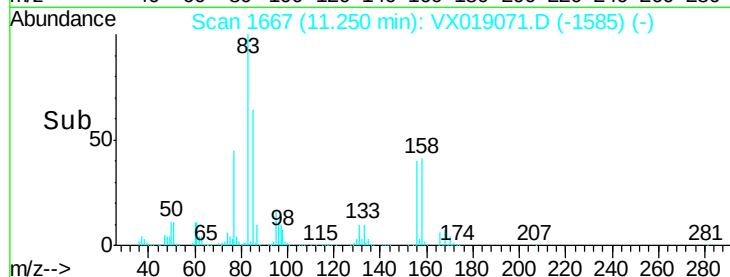
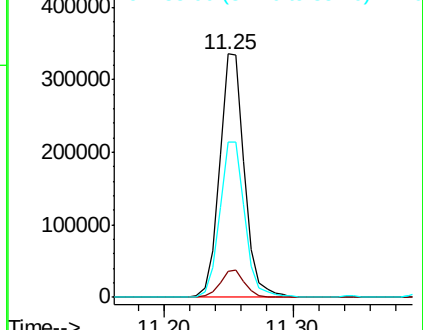
85 64.6 32.5 97.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 148.546 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019071.D

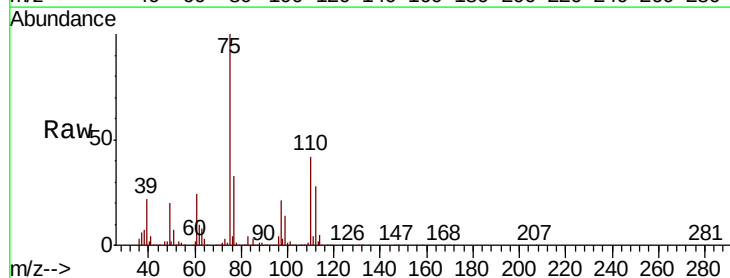
Acq: 23 Oct 2020 11:00

Tgt Ion: 75 Resp: 532826

Ion Ratio Lower Upper

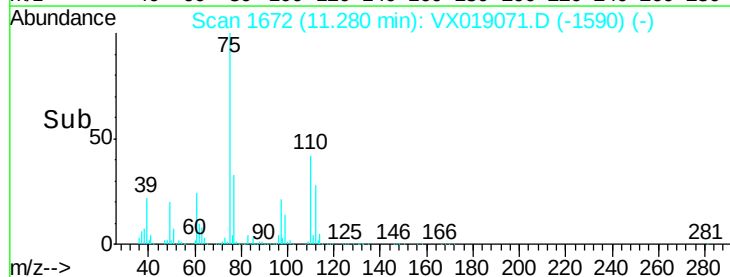
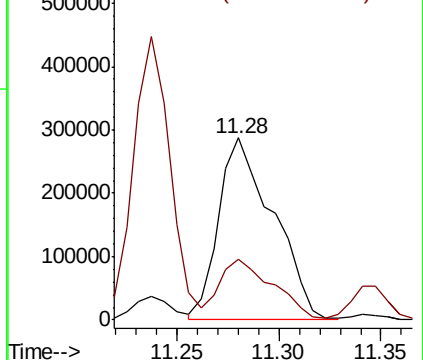
75 100

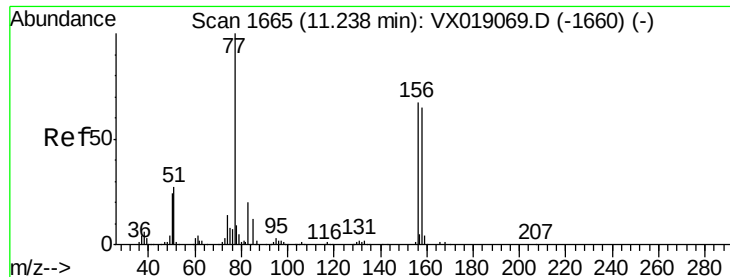
77 32.5 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 116.200 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

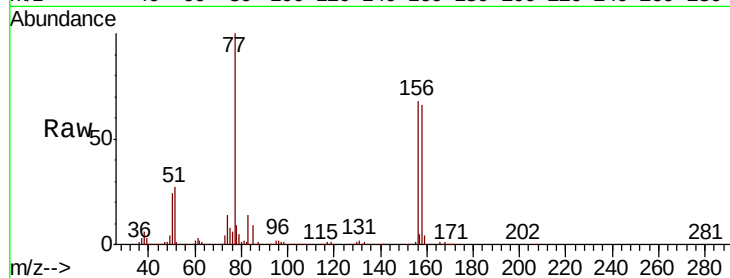
Tot Ion:156 Resp: 392363

Ion Ratio Lower Upper

156 100

77 142.8 0.0 299.6

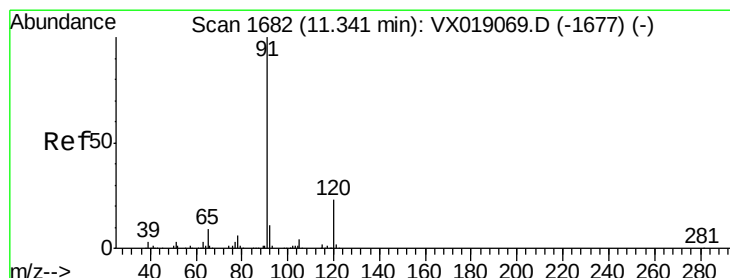
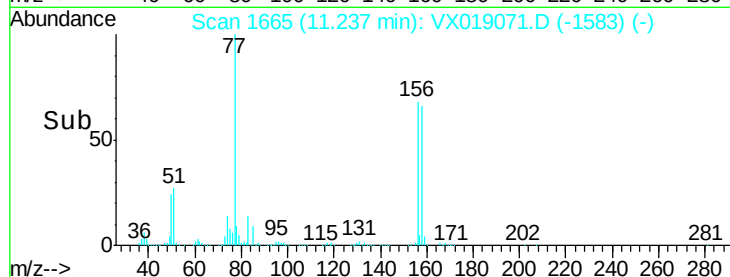
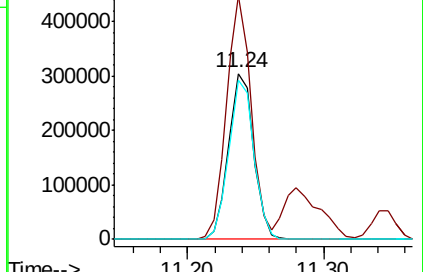
158 96.2 0.0 192.2



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: 113.996 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019071.D

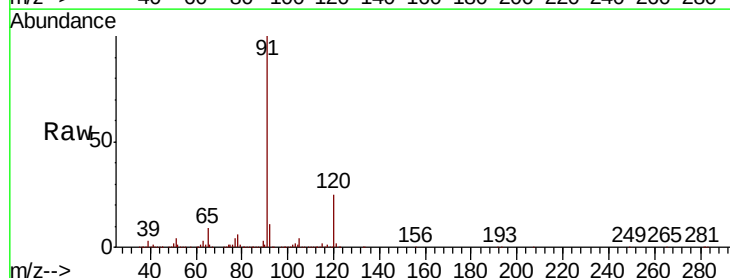
Acq: 23 Oct 2020 11:00

Tgt Ion: 91 Resp: 1783364

Ion Ratio Lower Upper

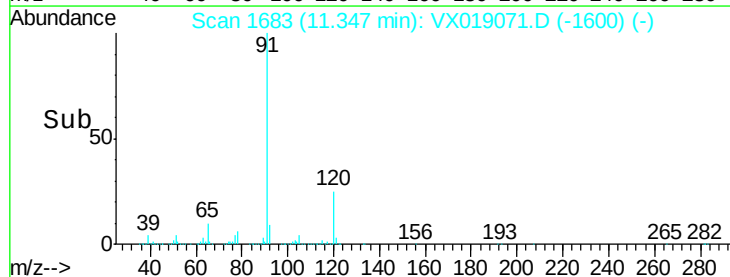
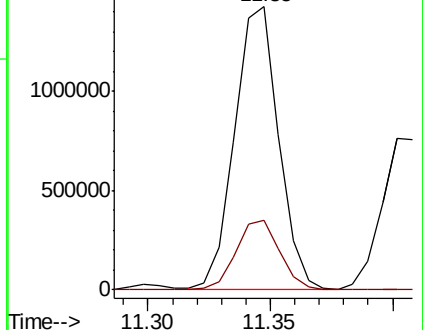
91 100

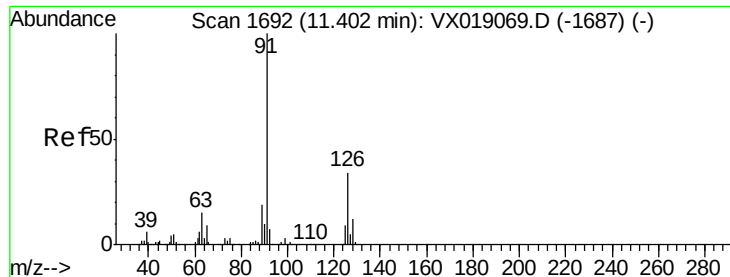
120 24.4 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 113.256 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

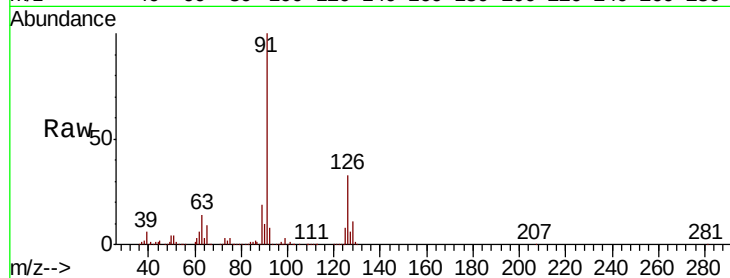
ClientSampleId :

Tot Ion: 91 Resp: 1002203

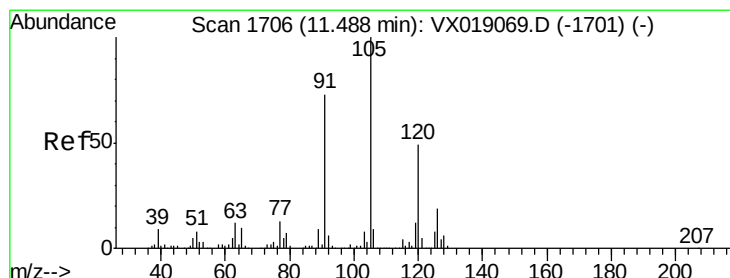
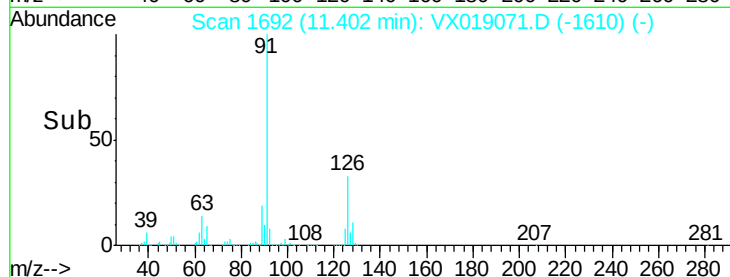
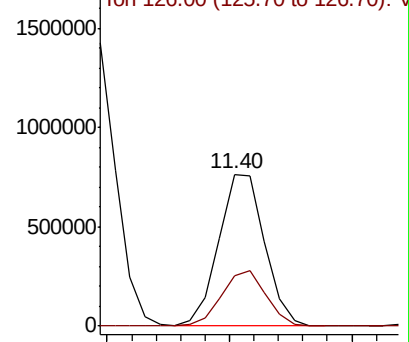
Ion Ratio Lower Upper

91 100

126 35.4 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1687) (-)



#76

1,3,5-Trimethylbenzene

Concen: 114.684 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019071.D

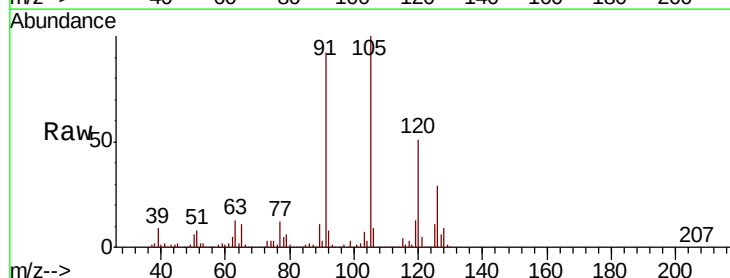
Acq: 23 Oct 2020 11:00

Tgt Ion:105 Resp: 1285754

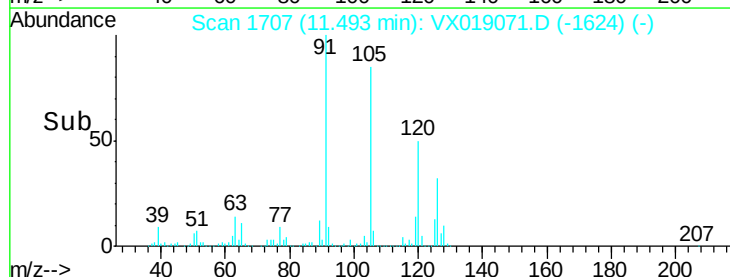
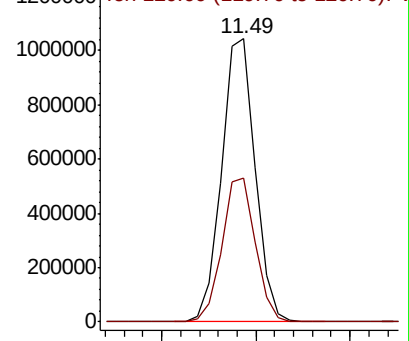
Ion Ratio Lower Upper

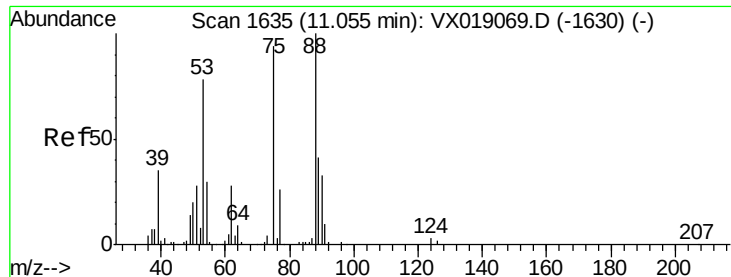
105 100

120 50.7 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX019069.D (-1701) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 118.198 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

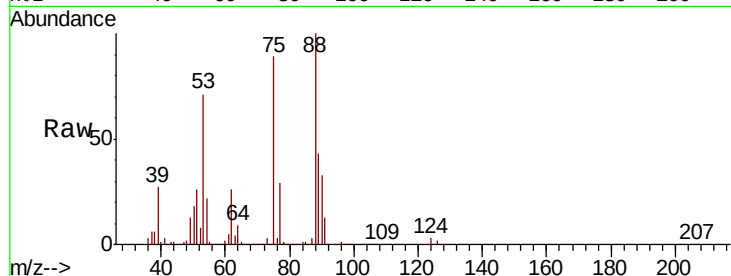
Tot Ion: 75 Resp: 168374

Ion Ratio Lower Upper

75 100

53 79.8 41.6 124.8

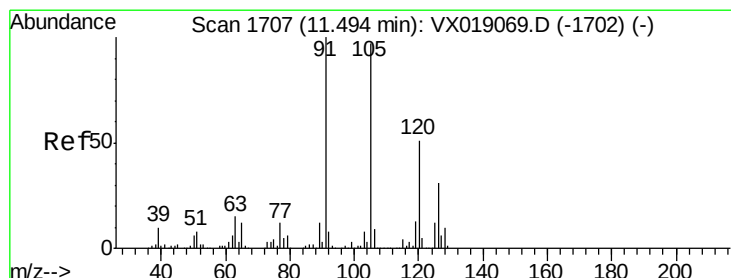
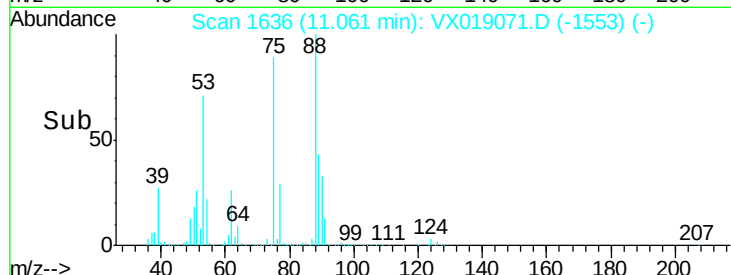
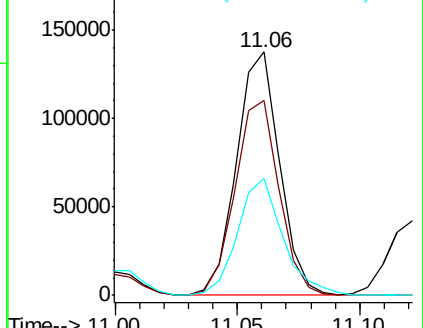
89 48.2 21.8 65.3



Abundance Ion 75.00 (74.70 to 75.70): VX019069.D (-1630) (-)

Ion 53.00 (52.70 to 53.70): VX019069.D (-1630) (-)

Ion 89.00 (88.70 to 89.70): VX019069.D (-1630) (-)



#78

4-Chlorotoluene

Concen: 113.026 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019071.D

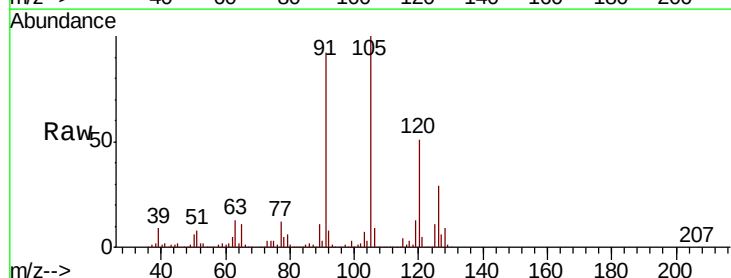
Acq: 23 Oct 2020 11:00

Tgt Ion: 91 Resp: 1175328

Ion Ratio Lower Upper

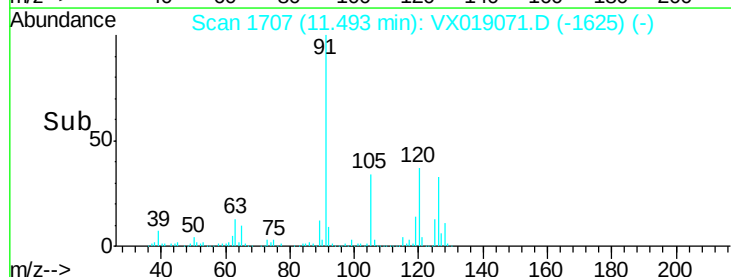
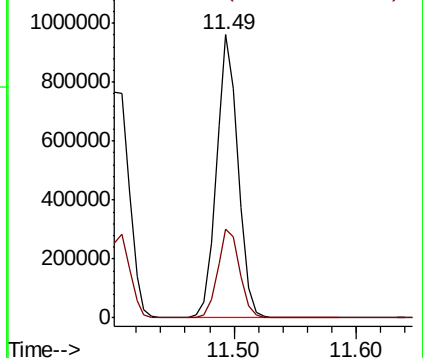
91 100

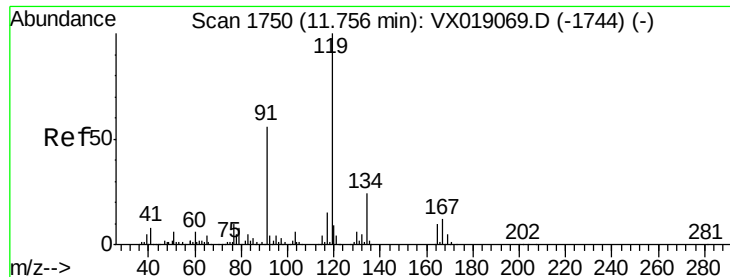
126 32.1 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1702) (-)

Ion 126.00 (125.70 to 126.70): VX019069.D (-1702) (-)

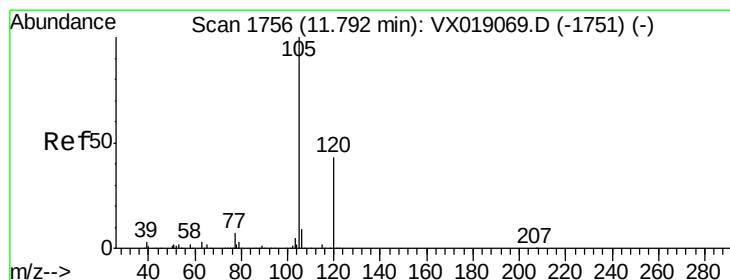
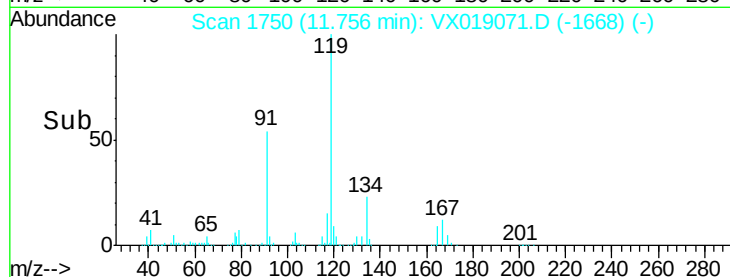
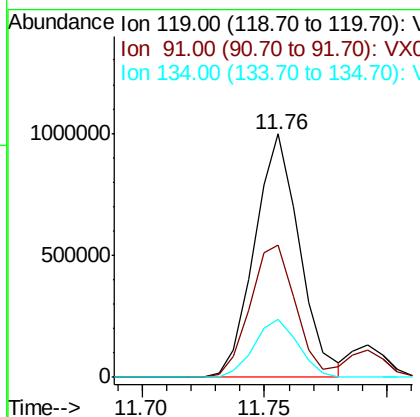
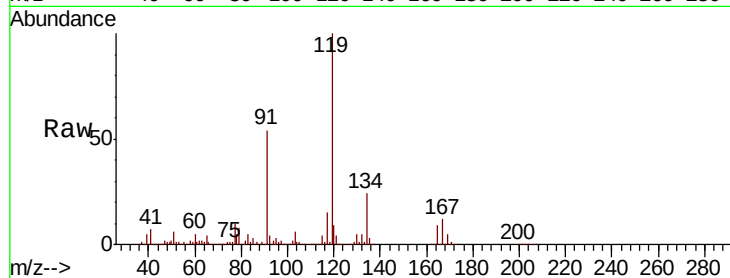




#79
tert-butylbenzene
Concen: 115.446 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

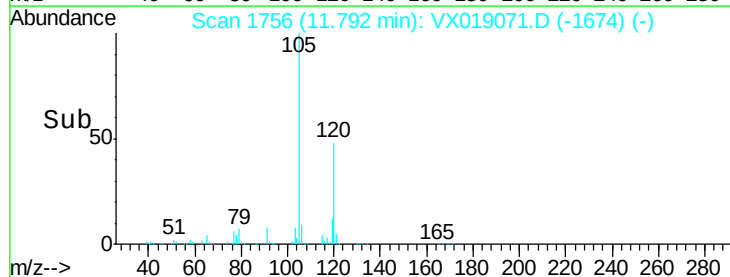
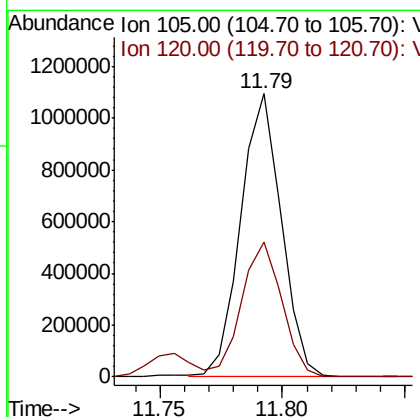
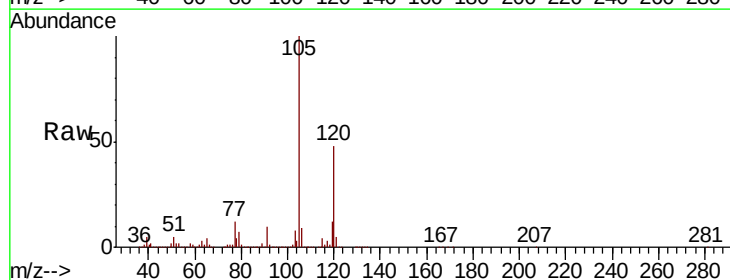
Instrument :
MSVOA_X
ClientSampled :

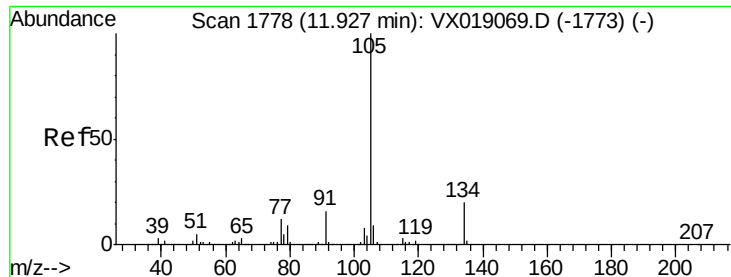
Tot Ion:119 Resp: 1274529
Ion Ratio Lower Upper
119 100
91 54.6 0.0 111.4
134 23.6 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 113.391 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion:105 Resp: 1263704
Ion Ratio Lower Upper
105 100
120 47.3 0.0 92.0





#81

sec-Butylbenzene

Concen: 114.187 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

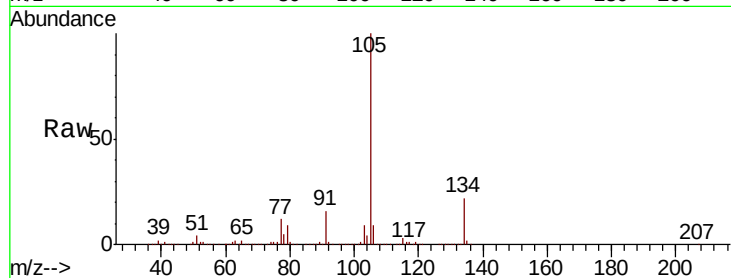
ClientSampled :

Tot Ion:105 Resp: 1491656

Ion Ratio Lower Upper

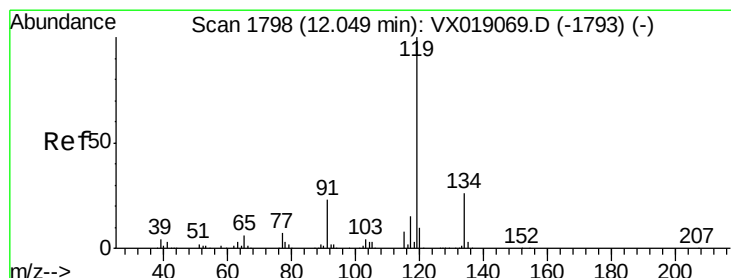
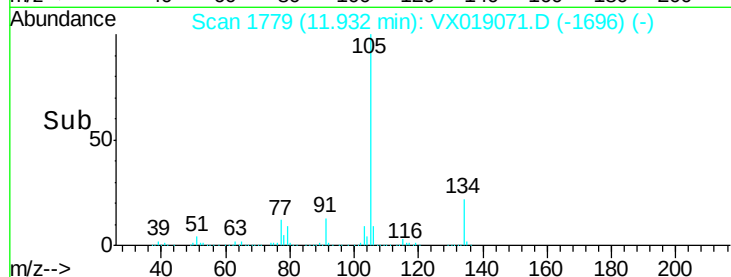
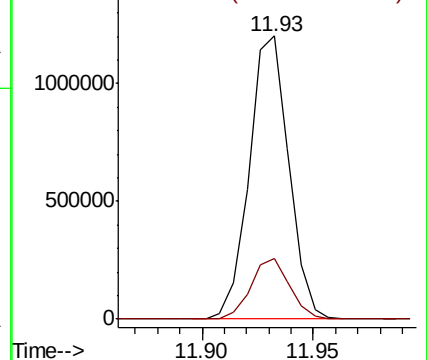
105 100

134 21.1 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 114.388 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

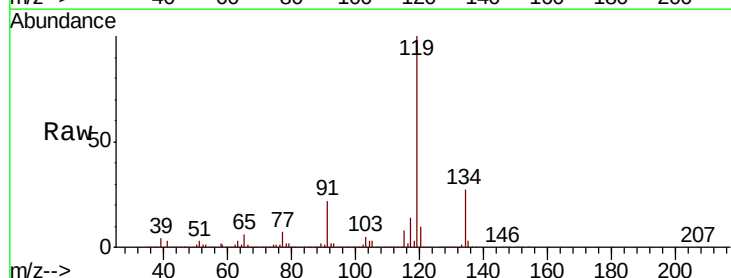
Tgt Ion:119 Resp: 1377155

Ion Ratio Lower Upper

119 100

134 26.9 0.0 52.0

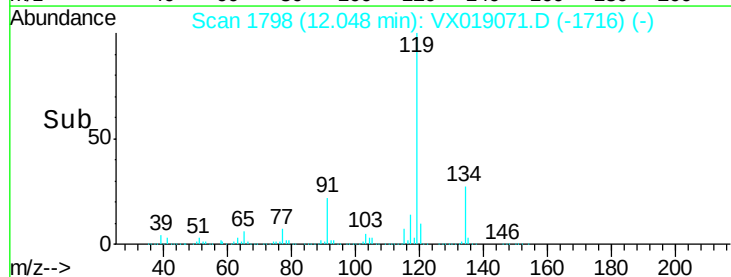
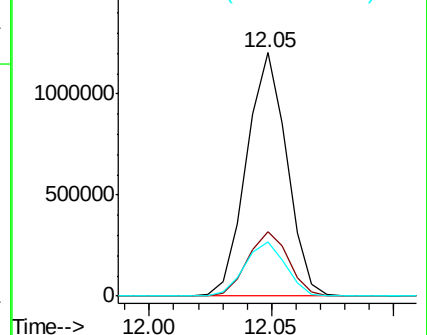
91 22.7 0.0 45.6

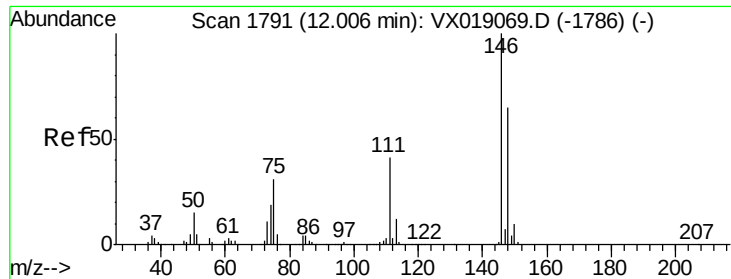


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

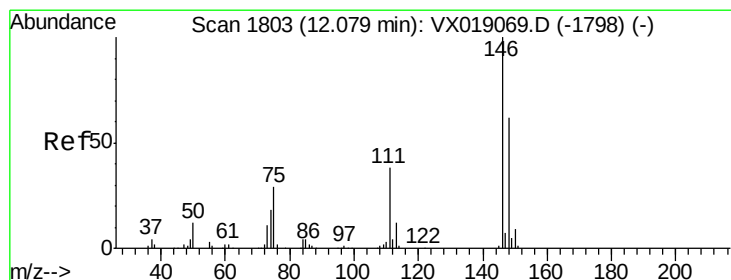
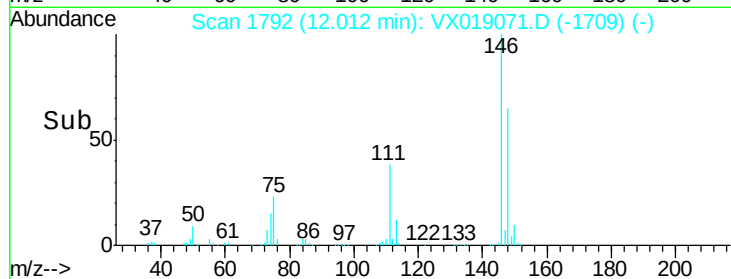
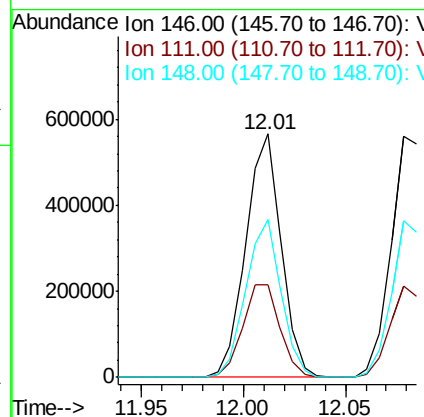
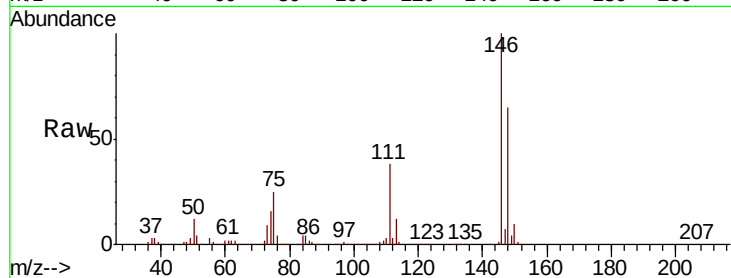




#83
 1,3-Dichlorobenzene
 Concen: 112.949 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

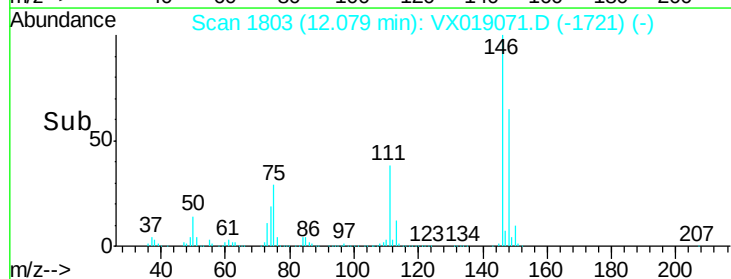
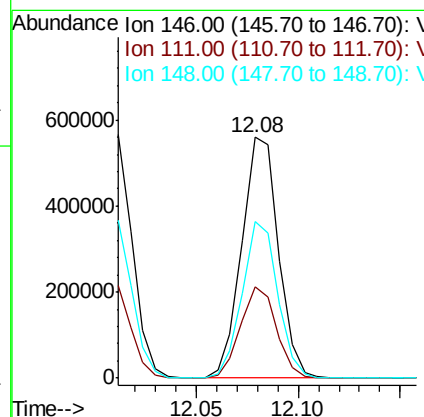
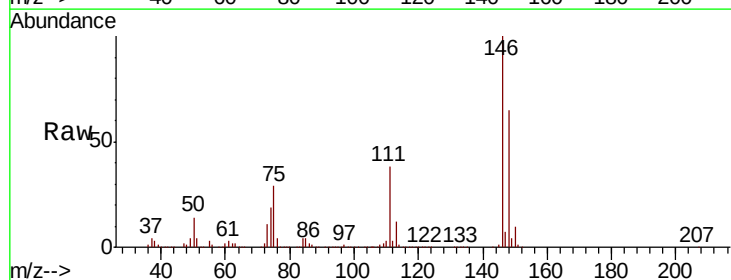
Instrument :
 MSVOA_X
 ClientSampleId :

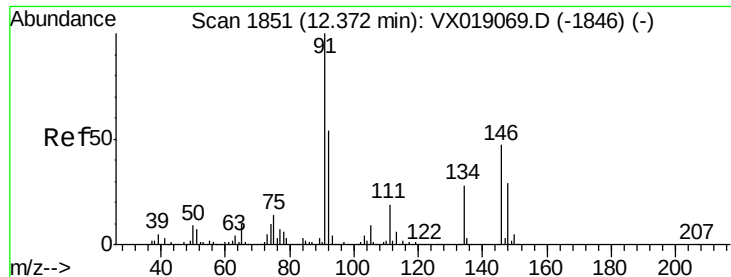
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.4	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 113.703 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	63.2	31.6	95.0





#85

n-Butylbenzene

Concen: 115.099 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

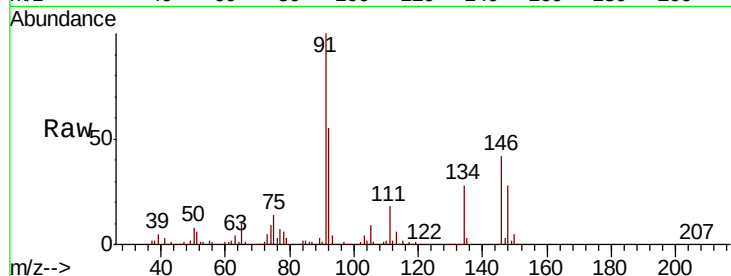
Tot Ion: 91 Resp: 1240733

Ion	Ratio	Lower	Upper
91	100		
92	54.5	0.0	107.4
134	27.7	0.0	54.6

91 100

92 54.5 0.0 107.4

134 27.7 0.0 54.6

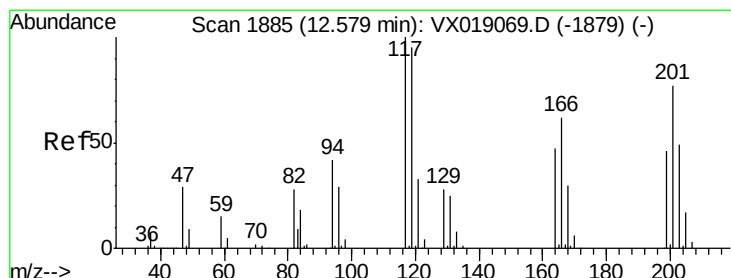
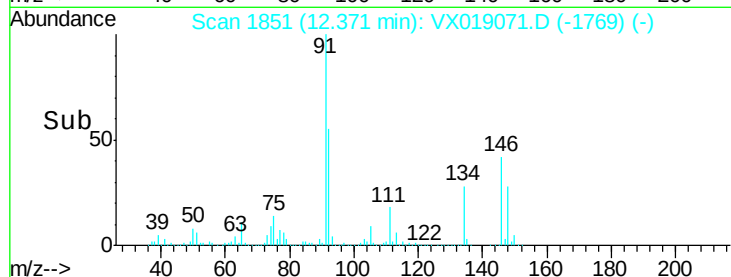
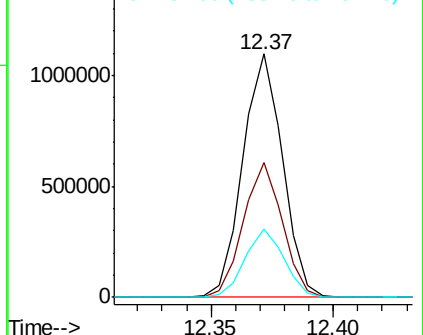


Abundance

Ion 91.00 (90.70 to 91.70): VX019071.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): VX019071.D (-1769) (-)

Ion 134.00 (133.70 to 134.70): VX019071.D (-1769) (-)



#86

Hexachloroethane

Concen: 117.740 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019071.D

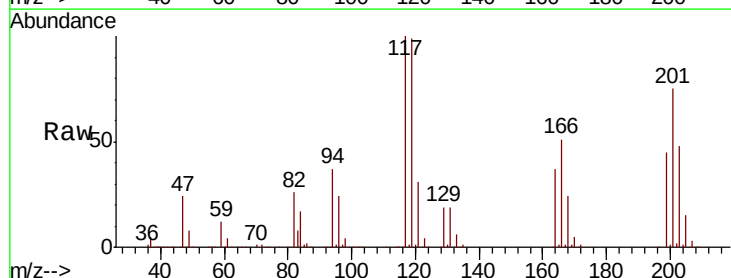
Acq: 23 Oct 2020 11:00

Tgt Ion: 117 Resp: 217719

Ion	Ratio	Lower	Upper
117	100		
201	78.1	38.4	115.1

117 100

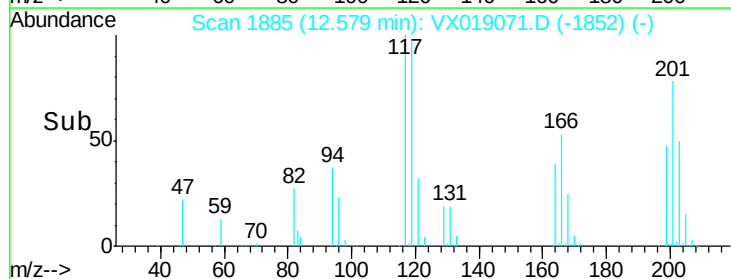
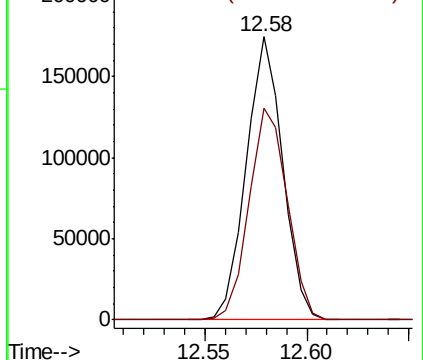
201 78.1 38.4 115.1

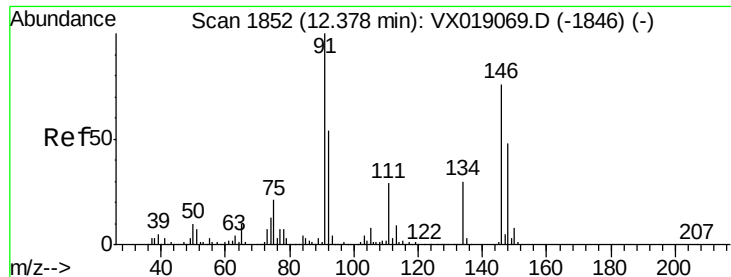


Abundance

Ion 117.00 (116.70 to 117.70): VX019071.D (-1852) (-)

Ion 201.00 (200.70 to 201.70): VX019071.D (-1852) (-)

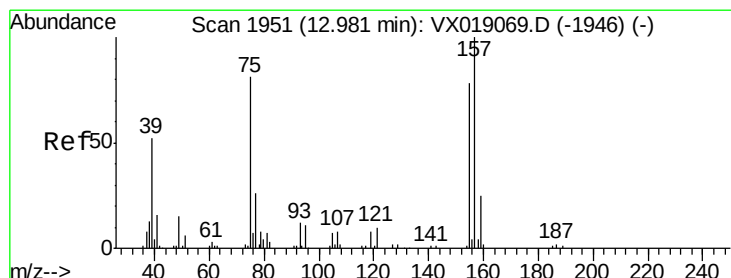
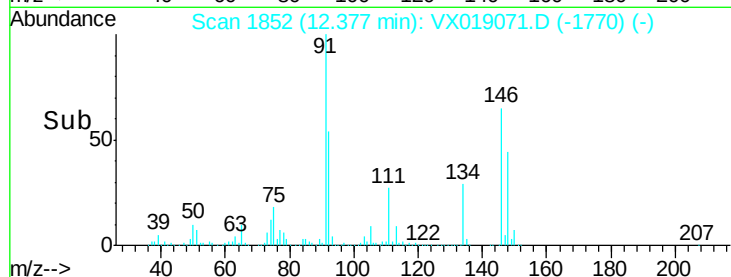
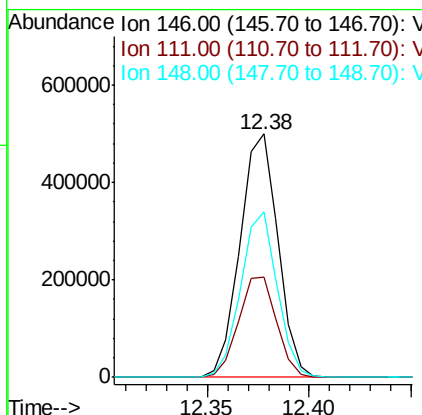
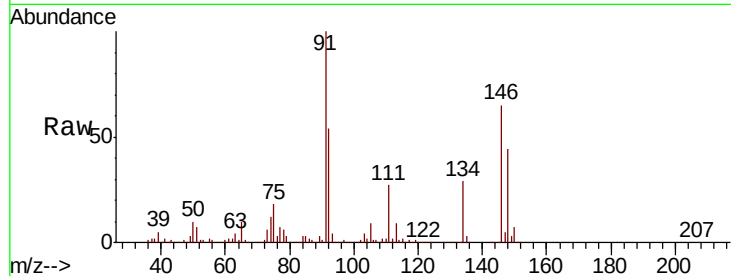




#87
 1,2-Dichlorobenzene
 Concen: 111.850 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

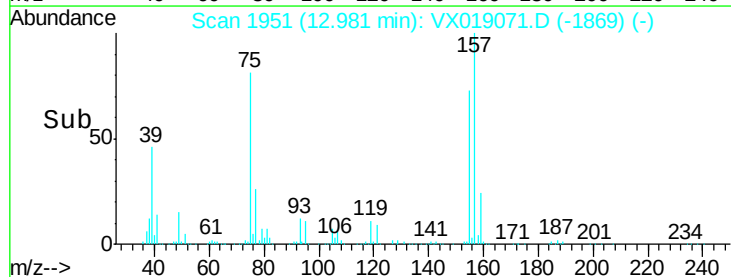
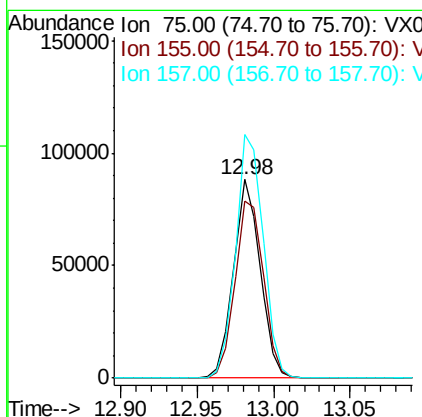
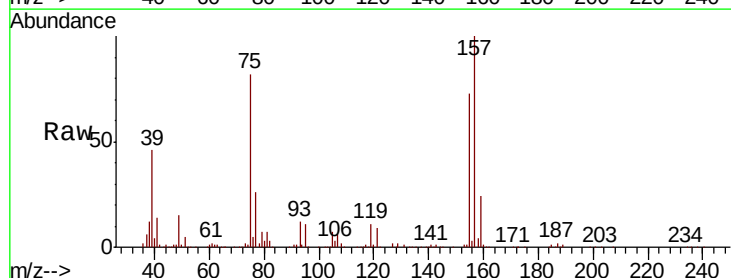
Instrument :
 MSVOA_X
 ClientSampleId :

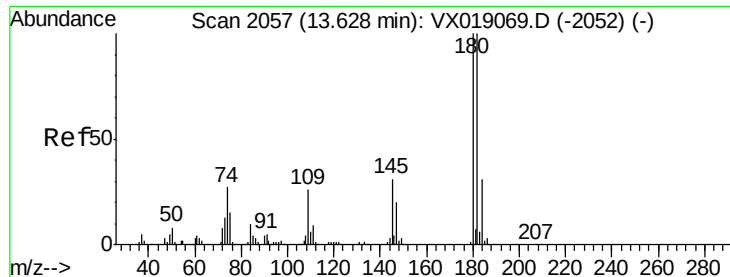
Tot Ion:146 Resp: 646226
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 65.3 32.1 96.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 118.541 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion: 75 Resp: 107012
 Ion Ratio Lower Upper
 75 100
 155 95.2 73.7 110.5
 157 126.4 96.5 144.7

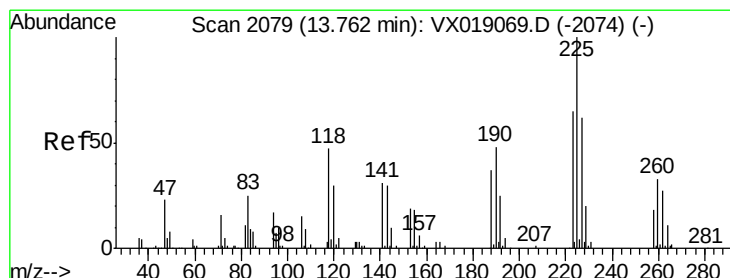
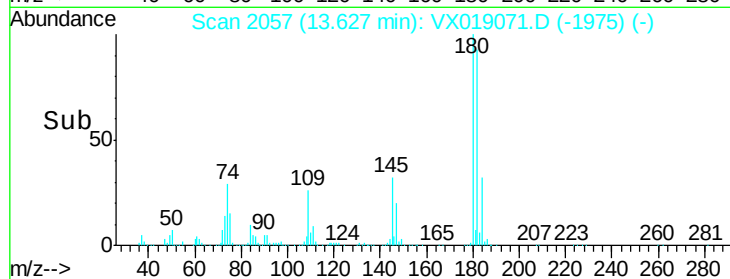
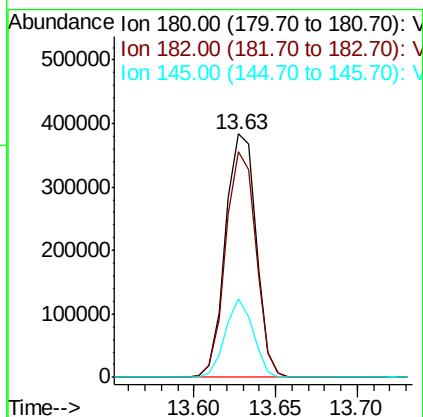
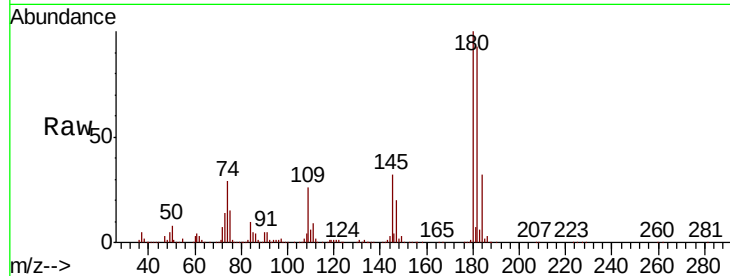




#89
 1,2,4-Trichlorobenzene
 Concen: 120.801 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

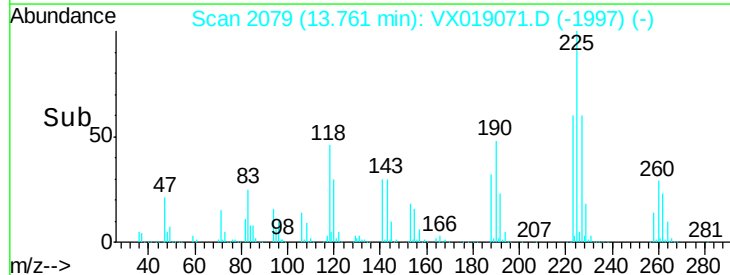
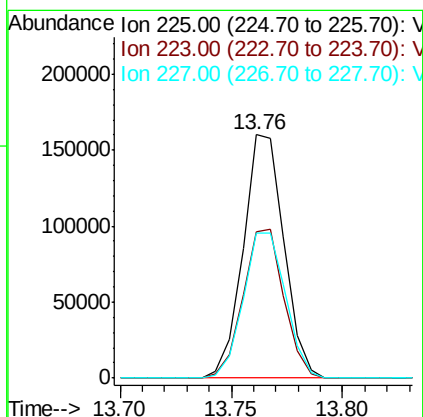
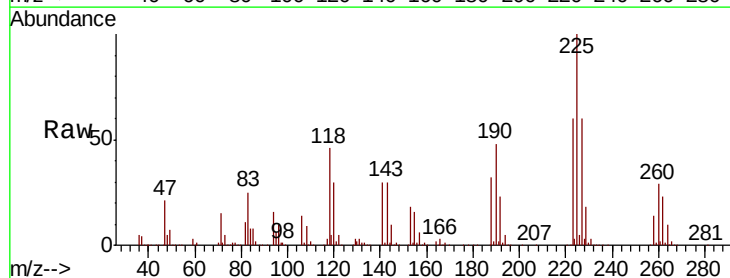
Instrument :
 MSVOA_X
 ClientSampled :

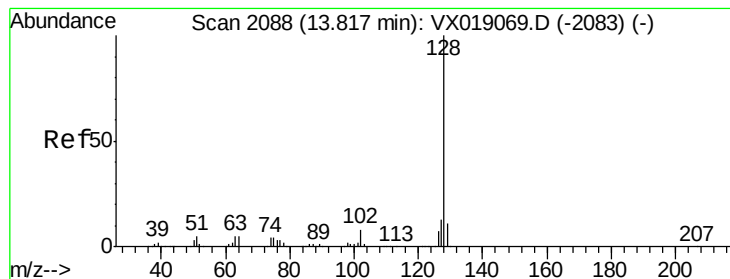
Tot Ion:180 Resp: 502265
 Ion Ratio Lower Upper
 180 100
 182 91.4 76.5 114.7
 145 29.4 24.2 36.4



#90
 Hexachlorobutadiene
 Concen: 116.217 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

Tgt Ion:225 Resp: 204879
 Ion Ratio Lower Upper
 225 100
 223 61.4 0.0 130.0
 227 62.2 0.0 128.6





#91

Naphthalene

Concen: 118.284 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

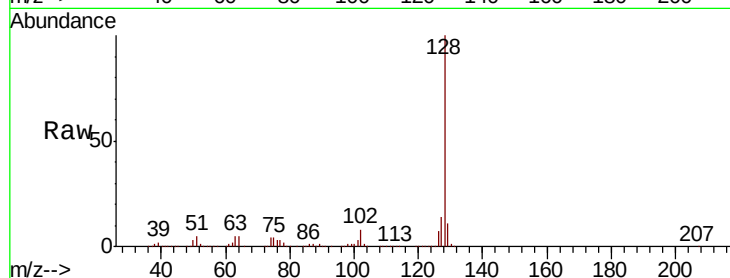
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1609945

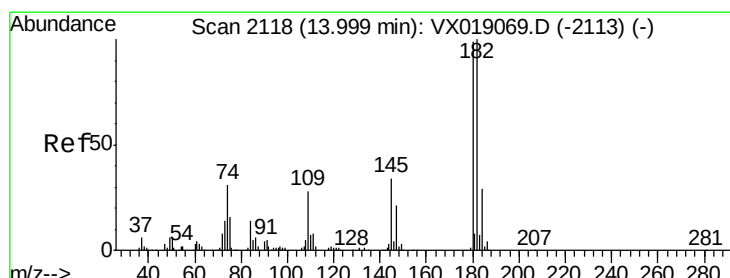
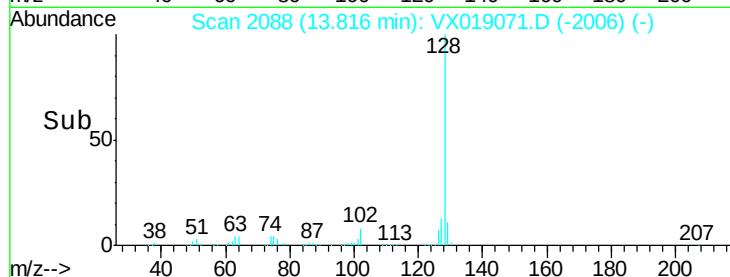
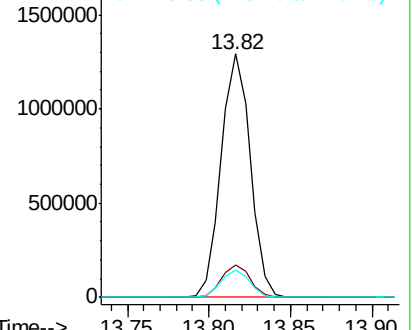
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.0	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 117.261 ug/l

RT: 14.00 min Scan# 2118

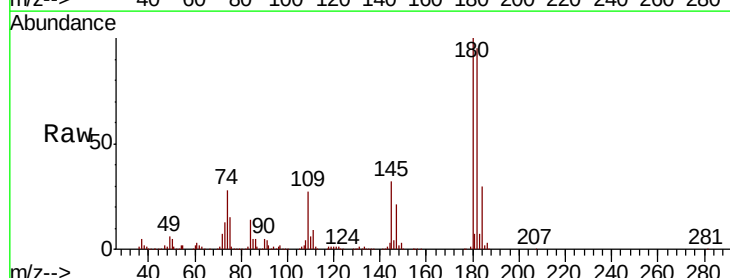
Delta R.T. -0.00 min

Lab File: VX019071.D

Acq: 23 Oct 2020 11:00

Tgt Ion:180 Resp: 468993

Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	192.4
145	32.5	0.0	64.6



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

