

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 : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Quant Time: Oct 23 19:20:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 14:24:17 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

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 14:24:17 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

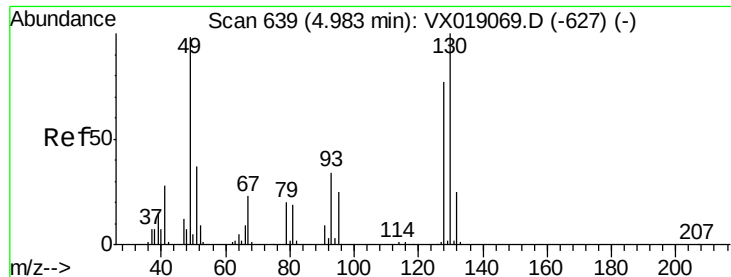
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\NOT REVIEWED DATA\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals 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_V

ClientSampleId :

VSTDICC100

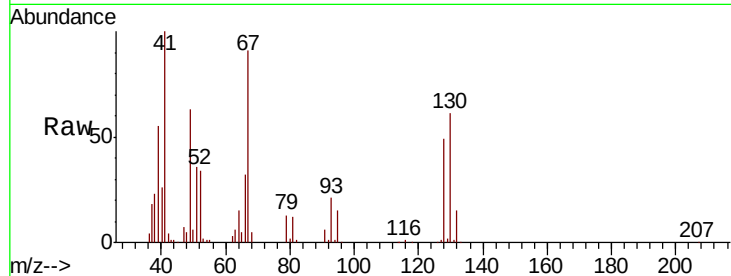
Tot Ion:128 Resp: 48283

Ion Ratio Lower Upper

128 100

49 128.0 0.0 318.8

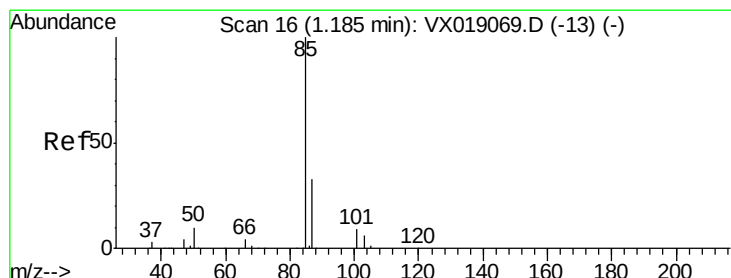
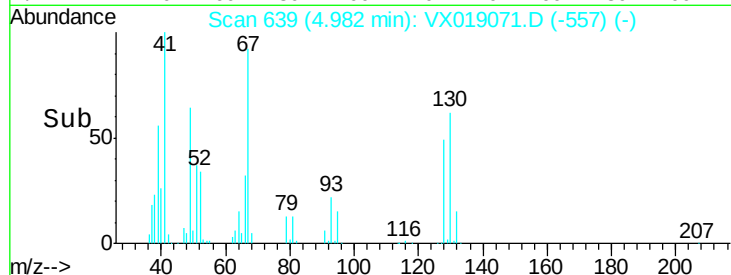
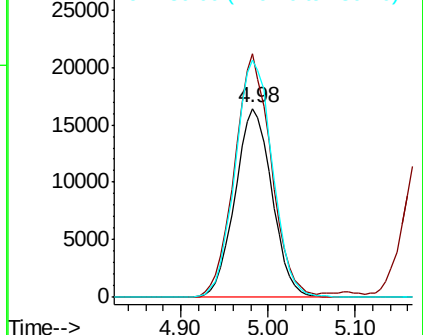
130 127.6 0.0 321.8



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

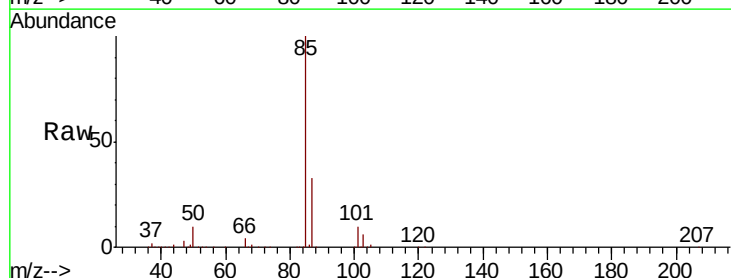
Acq: 23 Oct 2020 11:00

Tgt Ion: 85 Resp: 264184

Ion Ratio Lower Upper

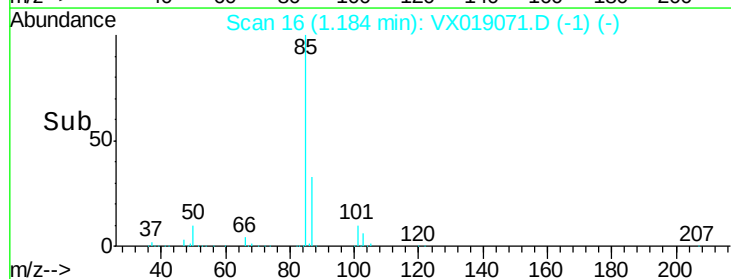
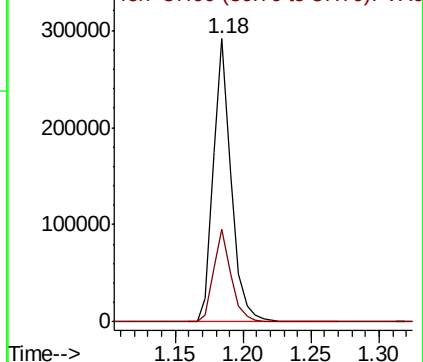
85 100

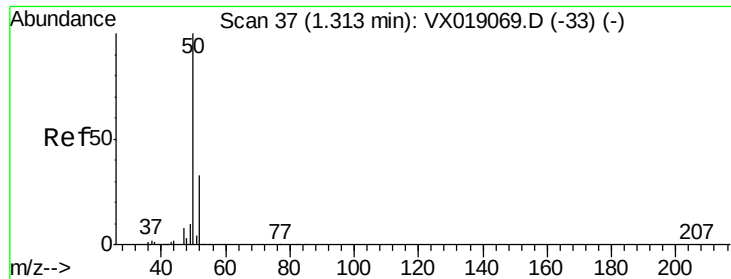
87 32.9 16.6 49.7



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_V

ClientSampleId :

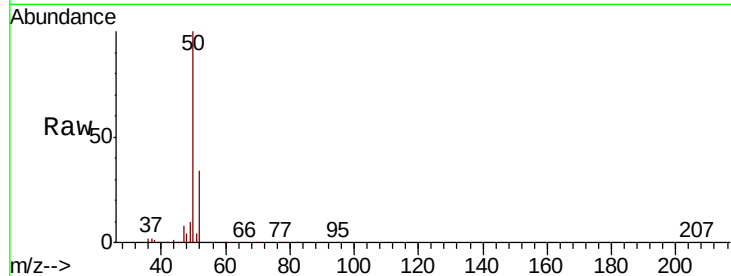
VSTDIC100

Tot Ion: 50 Resp: 238066

Ion Ratio Lower Upper

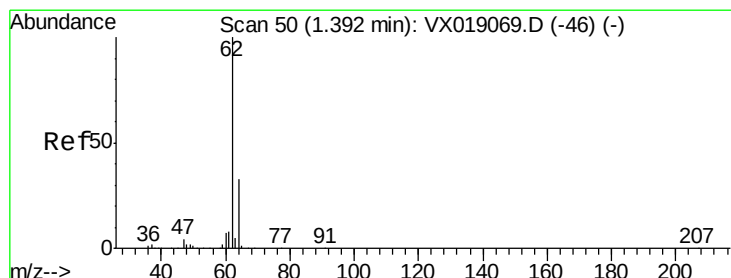
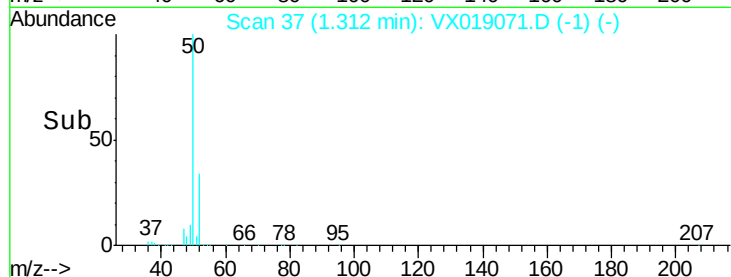
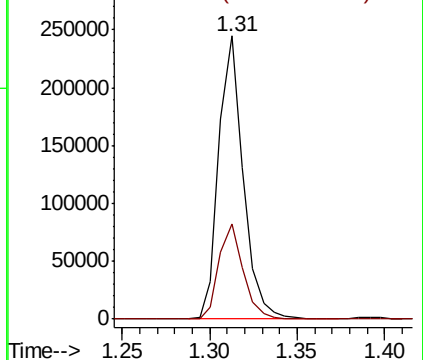
50 100

52 33.8 26.7 40.1



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 107.095 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019071.D

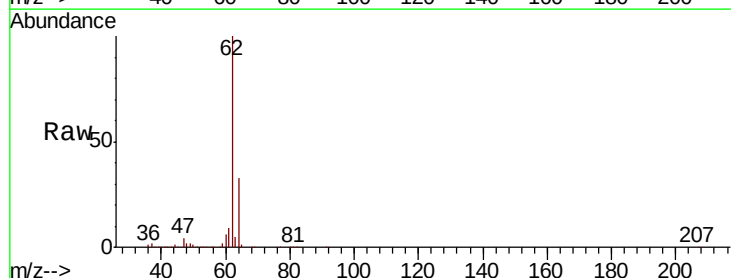
Acq: 23 Oct 2020 11:00

Tgt Ion: 62 Resp: 307733

Ion Ratio Lower Upper

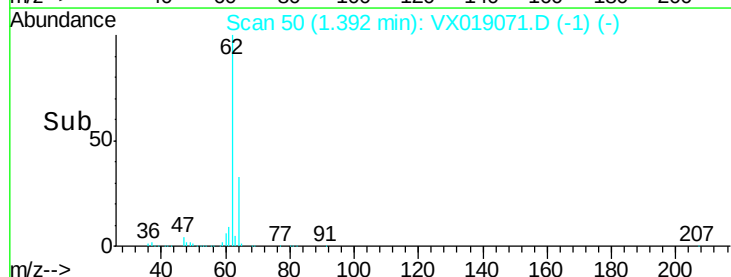
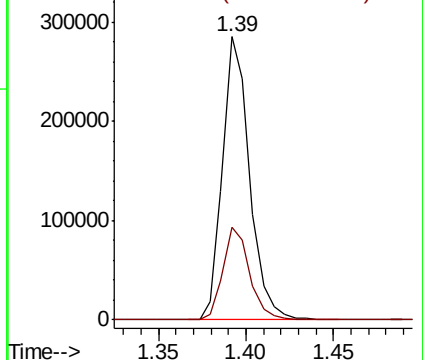
62 100

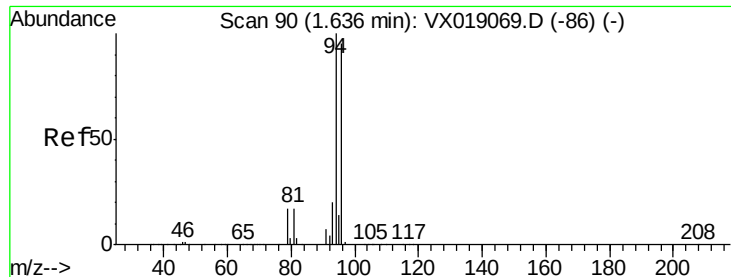
64 32.9 26.7 40.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#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_V

ClientSampleId :

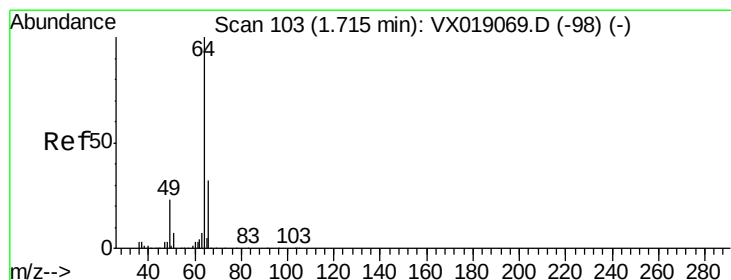
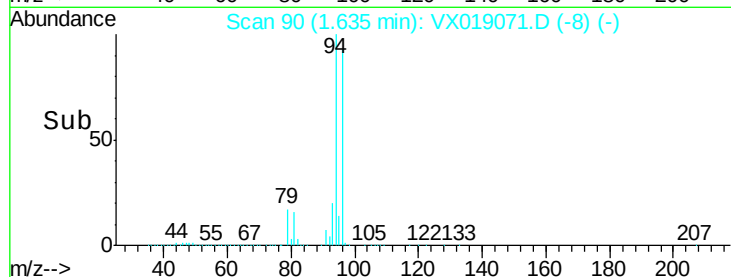
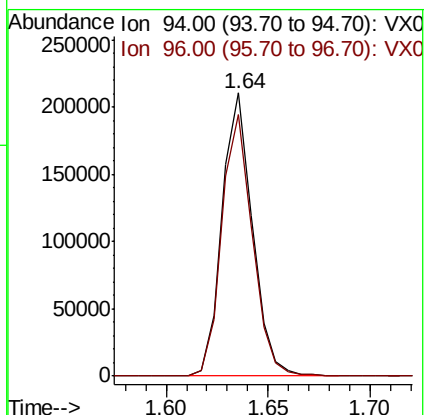
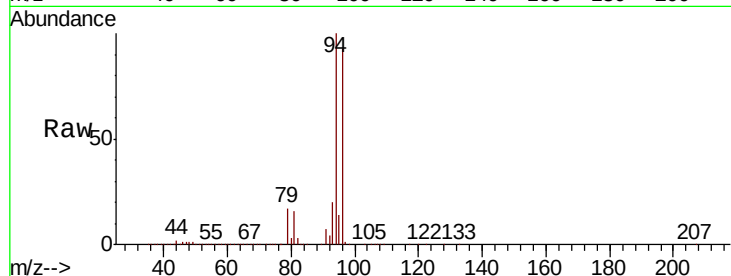
VSTDIC100

Tot Ion: 94 Resp: 216214

Ion Ratio Lower Upper

94 100

96 92.5 76.2 114.2



#6

Chloroethane

Concen: 110.313 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX019071.D

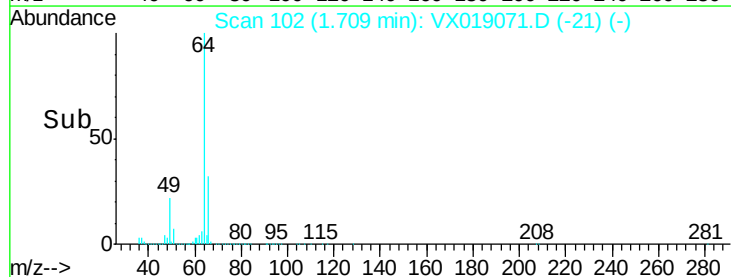
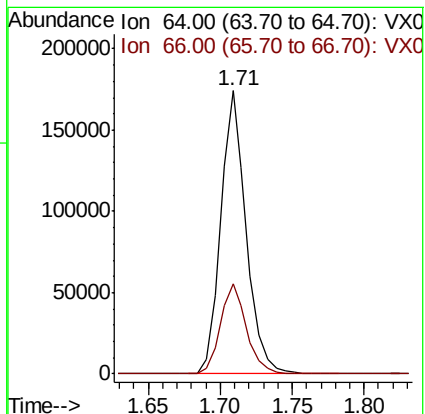
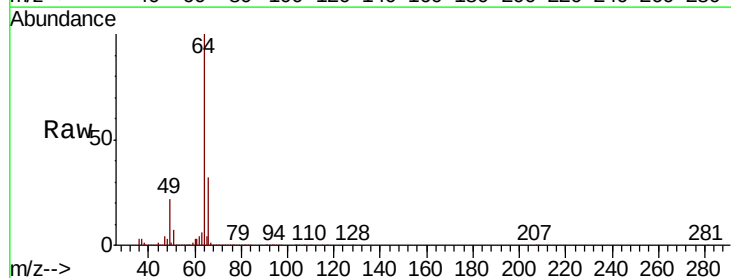
Acq: 23 Oct 2020 11:00

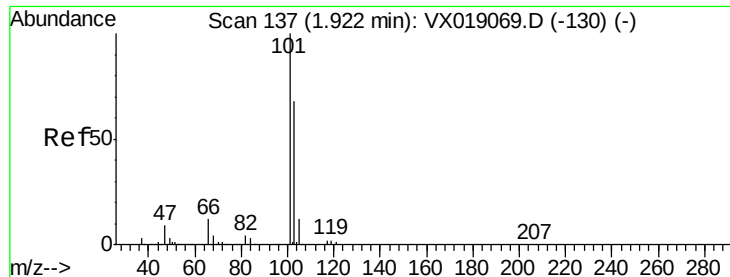
Tgt Ion: 64 Resp: 214805

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9



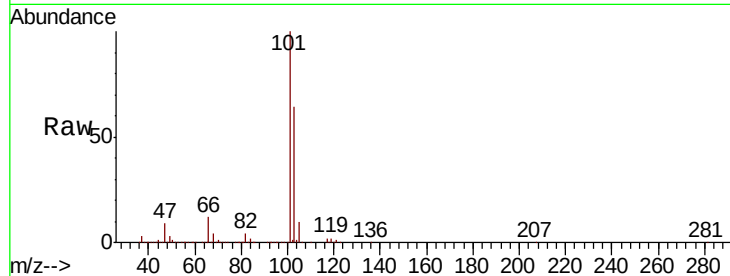


#7

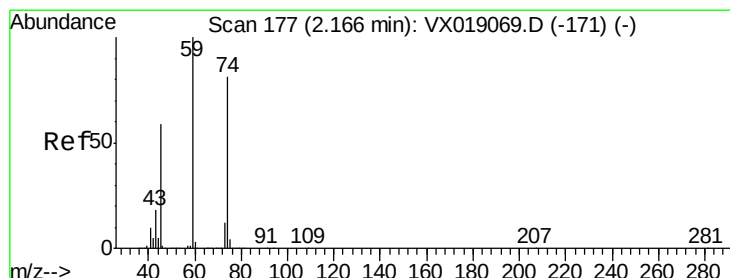
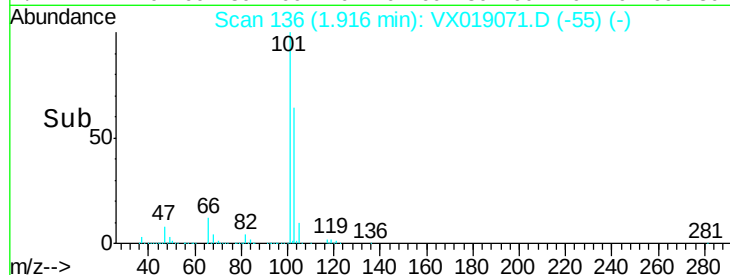
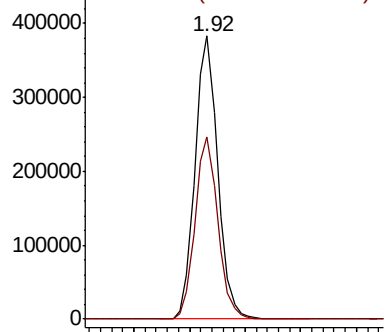
Trichlorofluoromethane
Concen: 108.009 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

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



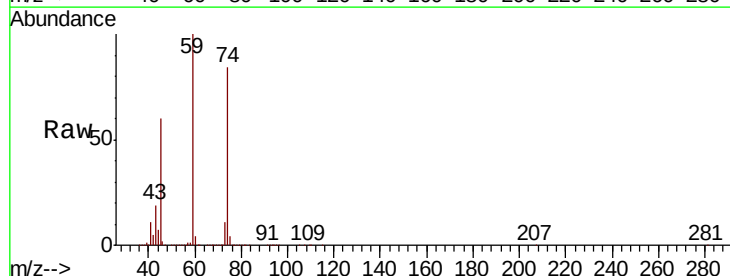
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



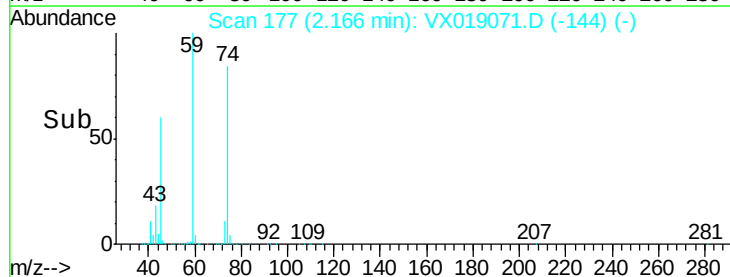
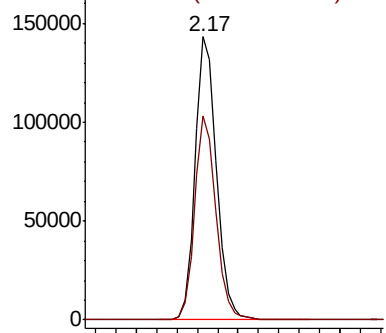
#8

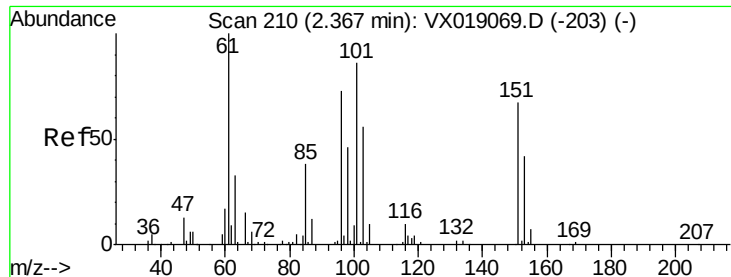
Diethyl Ether
Concen: 110.393 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

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



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 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_V

ClientSampleId :

VSTDIC100

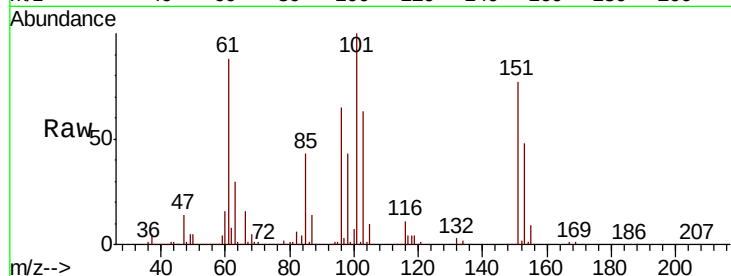
Tot Ion:101 Resp: 259100

Ion Ratio Lower Upper

101 100

85 43.5 0.0 87.0

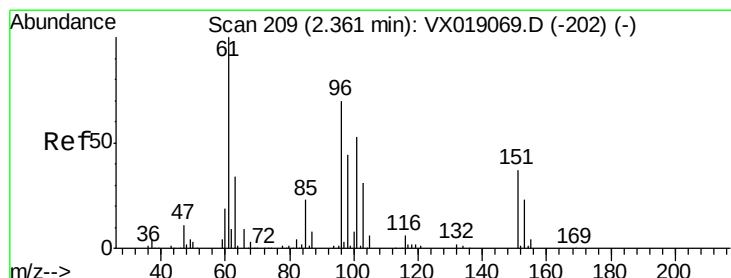
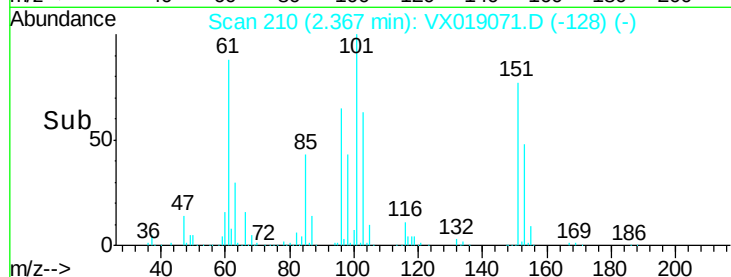
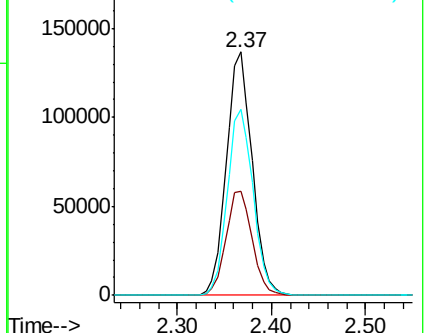
151 76.9 0.0 151.8



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

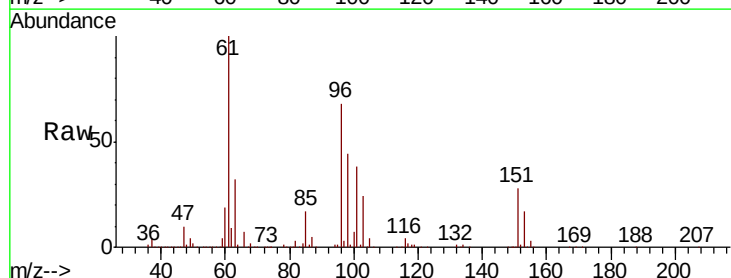
Tgt Ion: 96 Resp: 267191

Ion Ratio Lower Upper

96 100

61 147.6 113.8 170.8

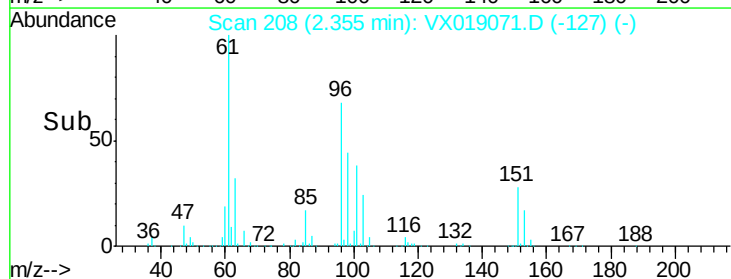
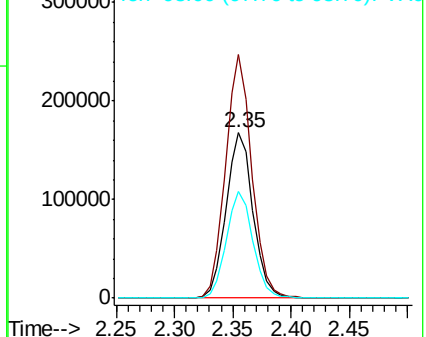
98 64.5 50.4 75.6

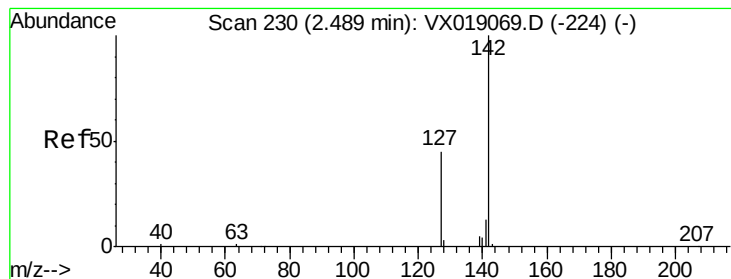


Abundance Ion 96.00 (95.70 to 96.70): VX0

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_V

ClientSampleId :

VSTDIC100

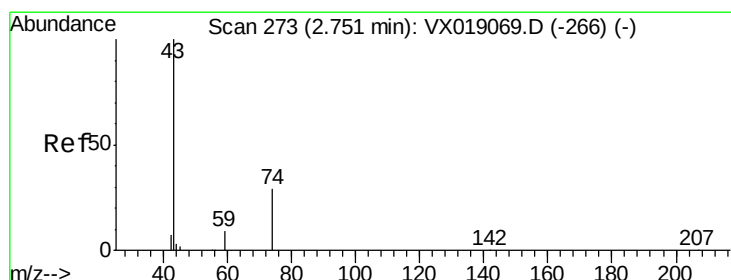
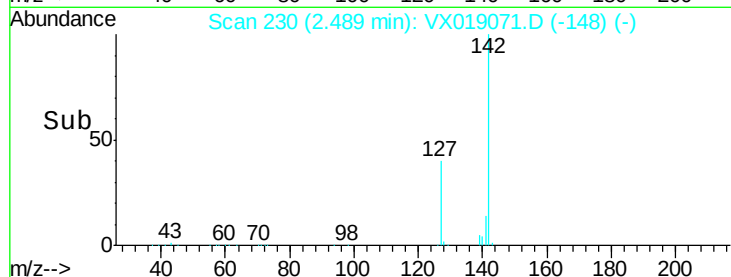
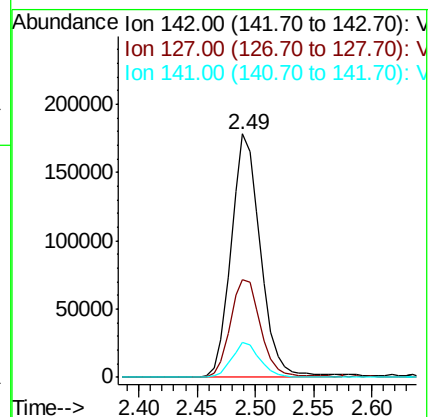
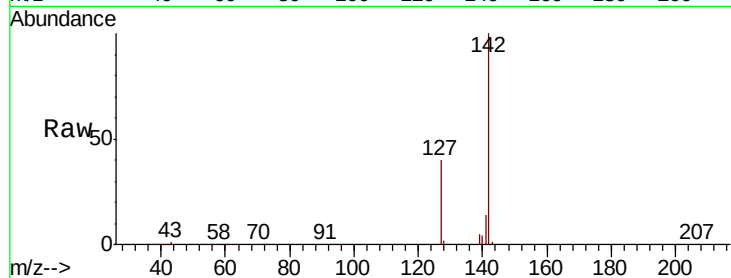
Tot Ion:142 Resp: 312772

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

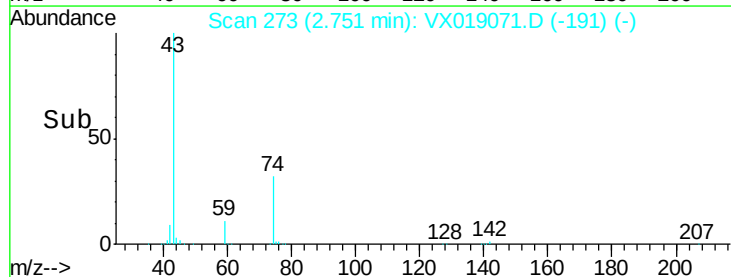
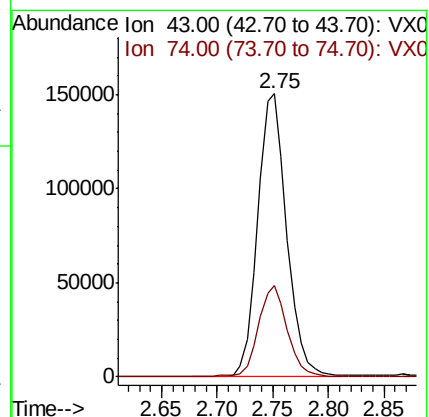
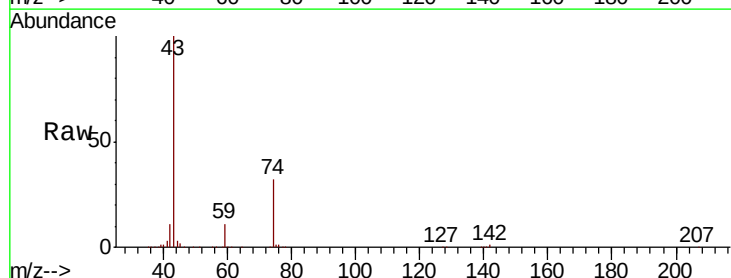
Acq: 23 Oct 2020 11:00

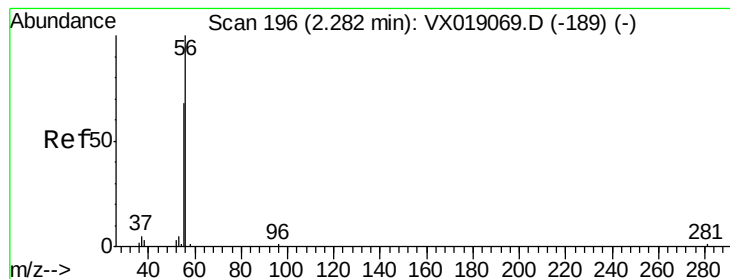
Tgt Ion: 43 Resp: 273063

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_V

ClientSampleId :

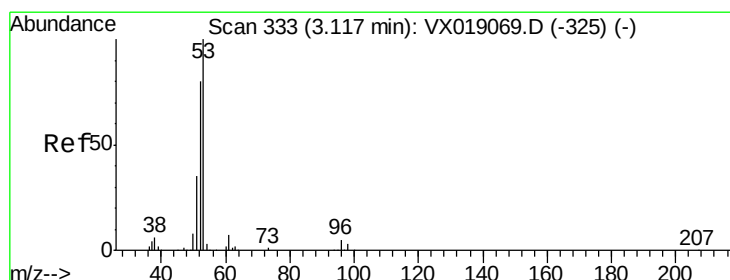
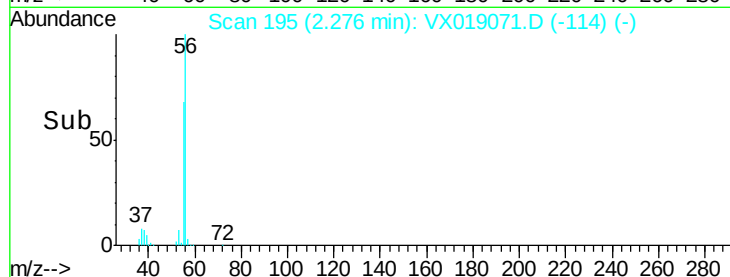
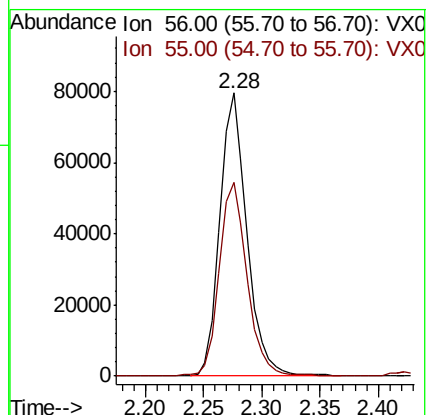
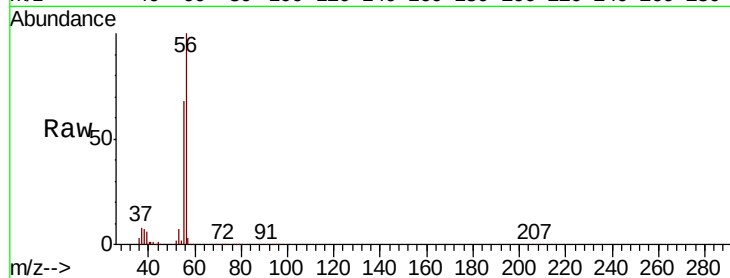
VSTDIC100

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

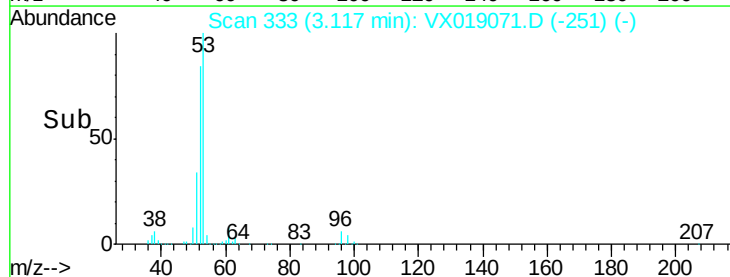
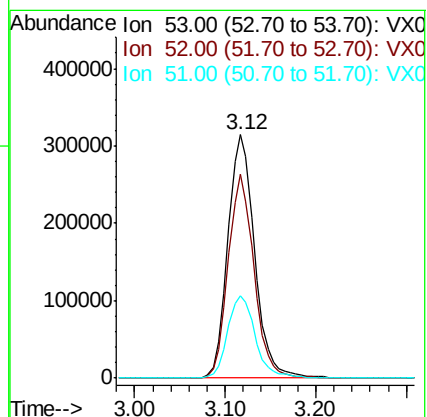
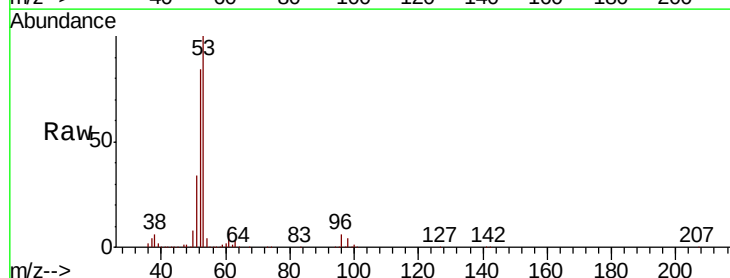
Tgt Ion: 53 Resp: 640886

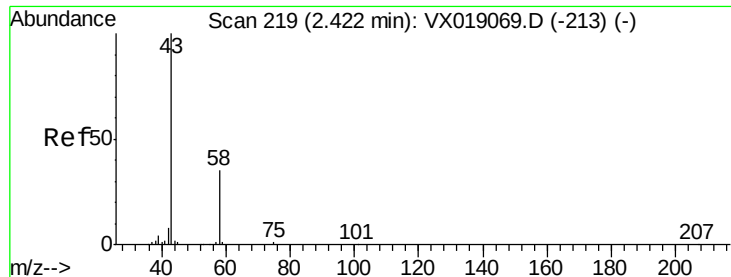
Ion Ratio Lower Upper

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_V

ClientSampleId :

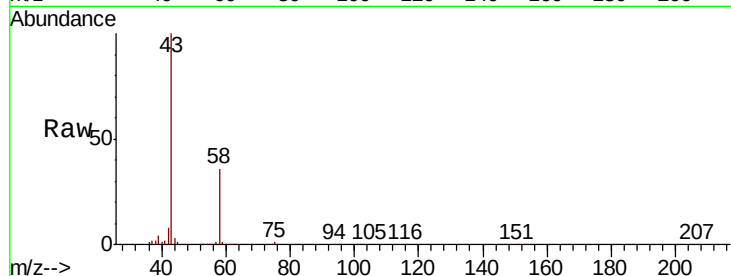
VSTDIC100

Tot Ion: 58 Resp: 188864

Ion Ratio Lower Upper

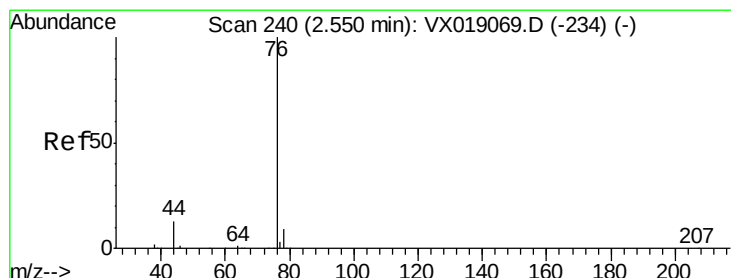
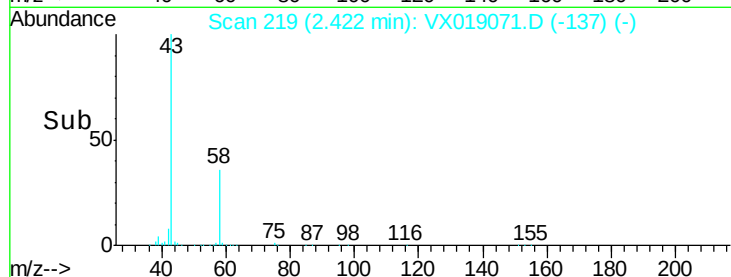
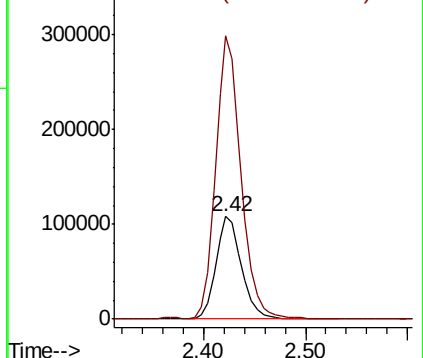
58 100

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

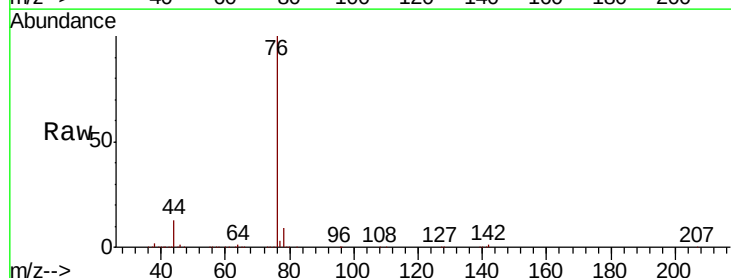
Acq: 23 Oct 2020 11:00

Tgt Ion: 76 Resp: 739664

Ion Ratio Lower Upper

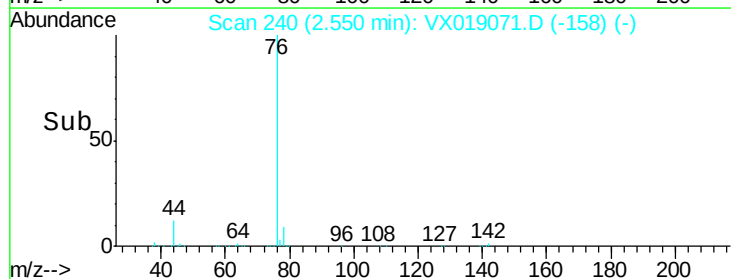
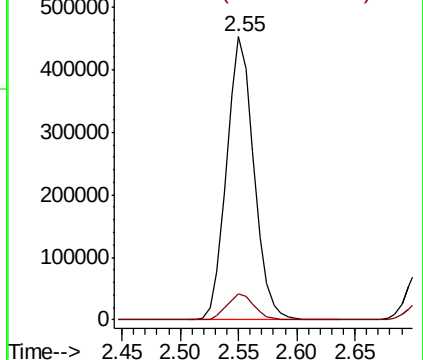
76 100

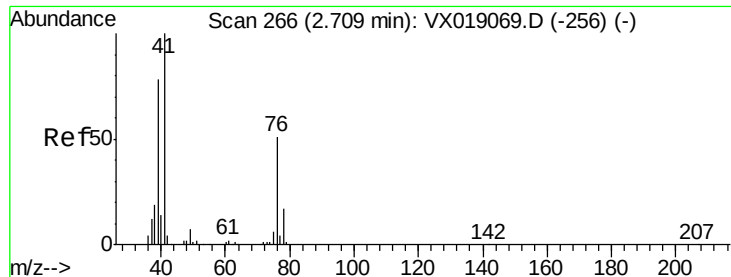
78 9.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

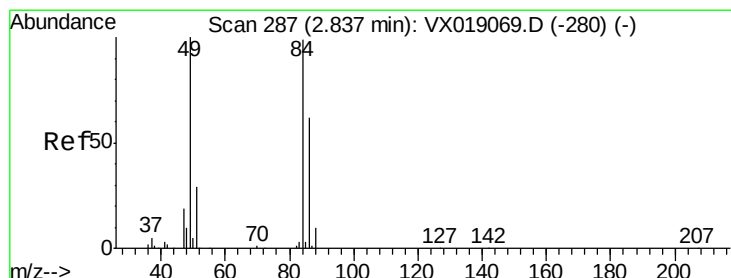
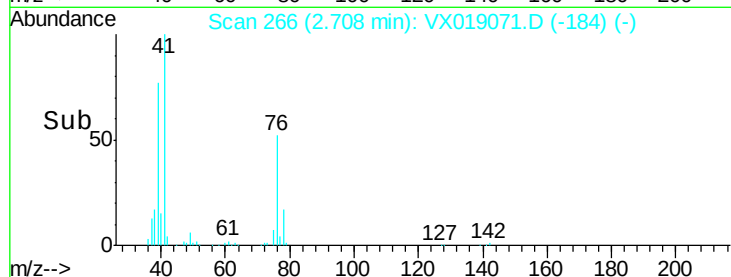
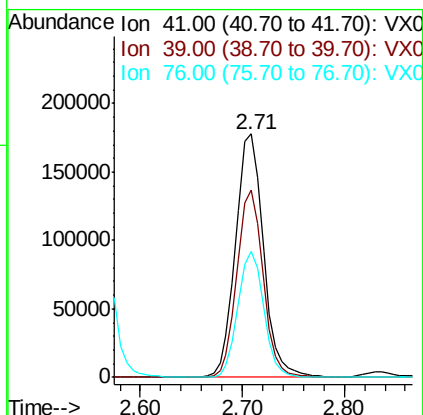
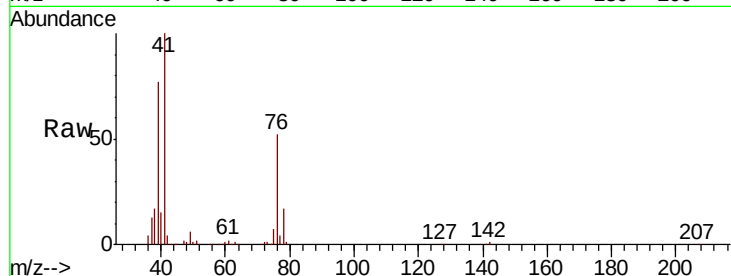




#17
Allvl chloride
Concen: 111.195 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

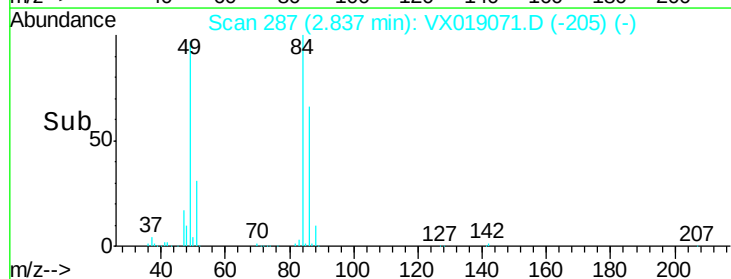
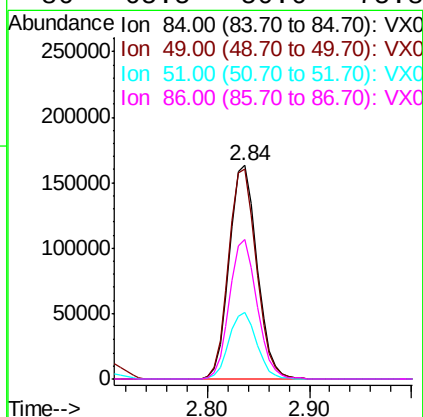
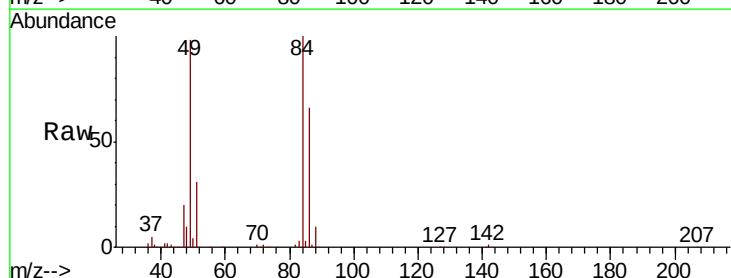
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

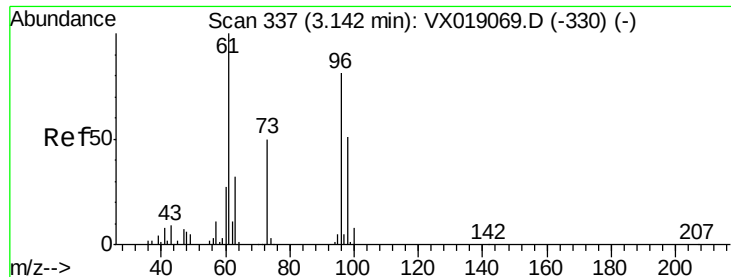
Tot Ion: 41 Resp: 337593
Ion Ratio Lower Upper
41 100
39 76.7 38.8 116.3
76 51.7 25.8 77.4



#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

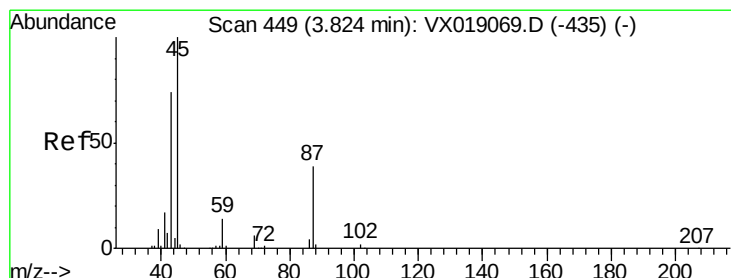
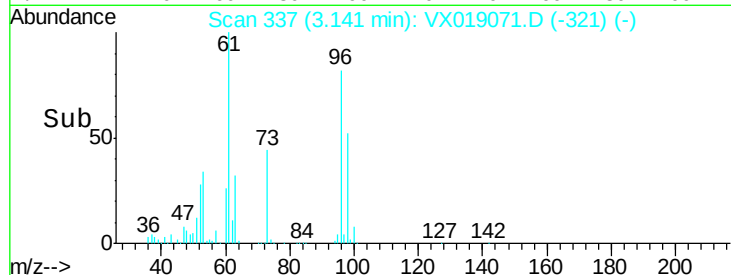
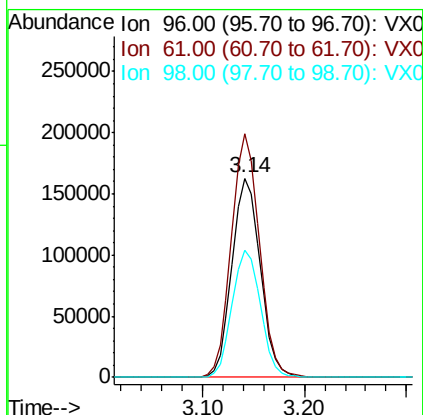
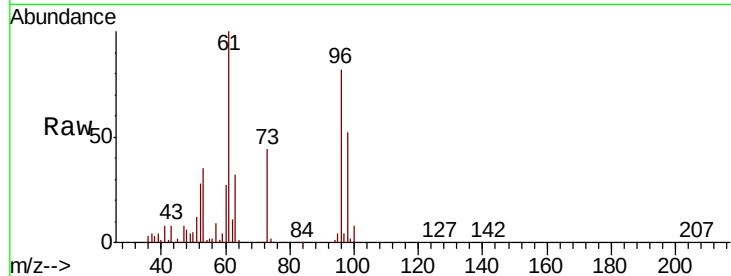




#19
trans-1,2-Dichloroethene
Concen: 110.267 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

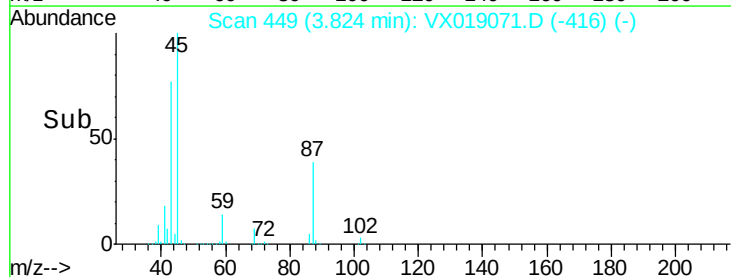
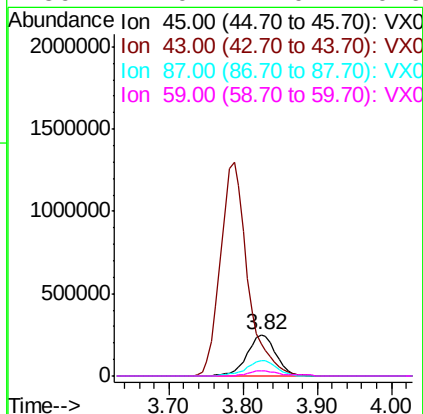
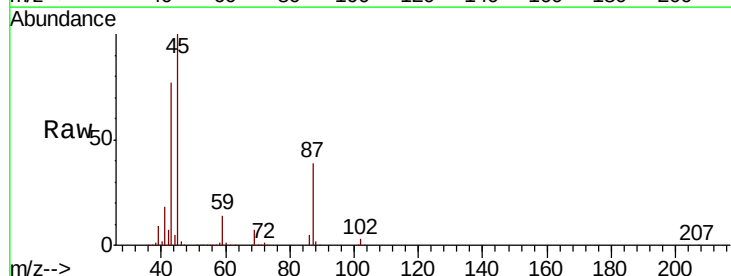
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

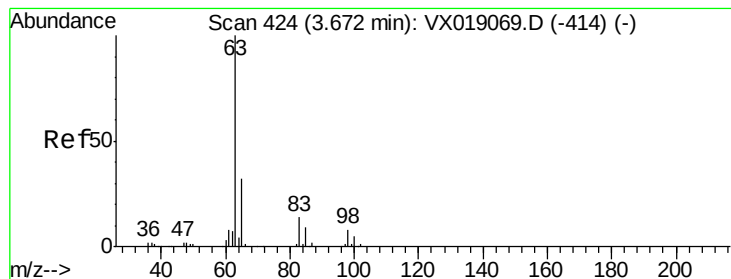
Tot Ion: 96 Resp: 313018
Ion Ratio Lower Upper
96 100
61 122.4 98.4 147.6
98 63.8 49.9 74.9



#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_V

ClientSampled :

VSTDIC100

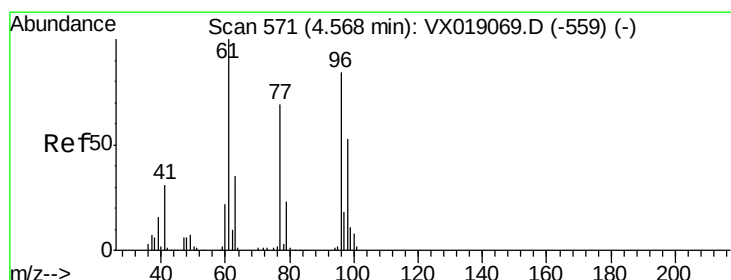
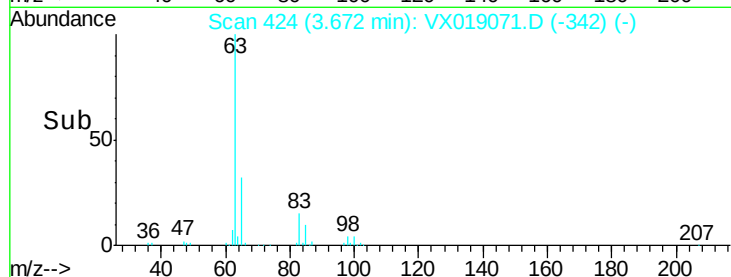
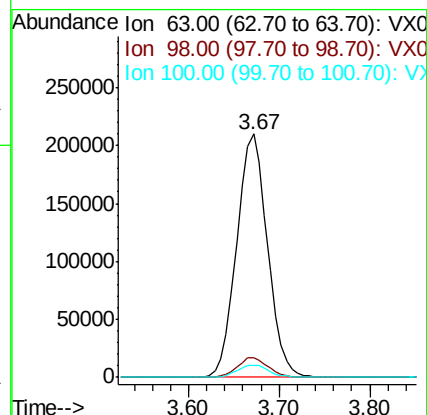
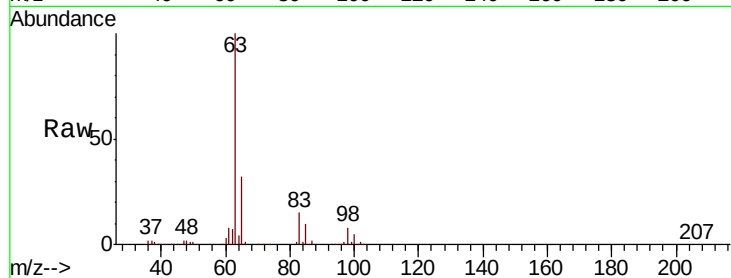
Tot Ion: 63 Resp: 494814

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

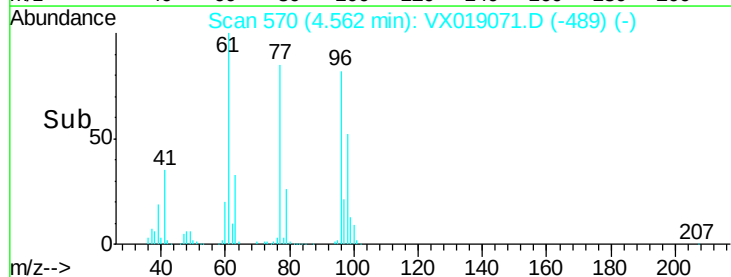
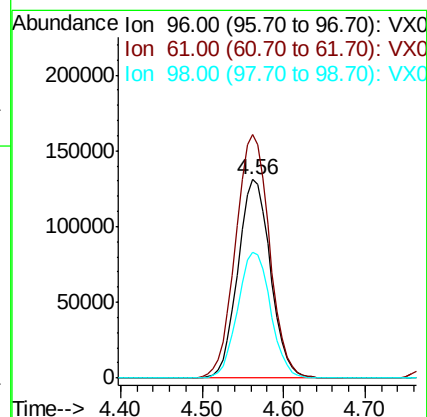
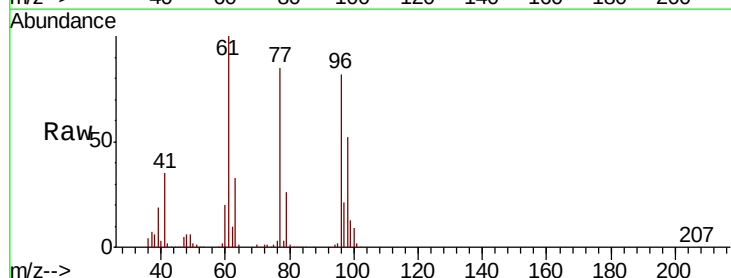
Tgt Ion: 96 Resp: 363075

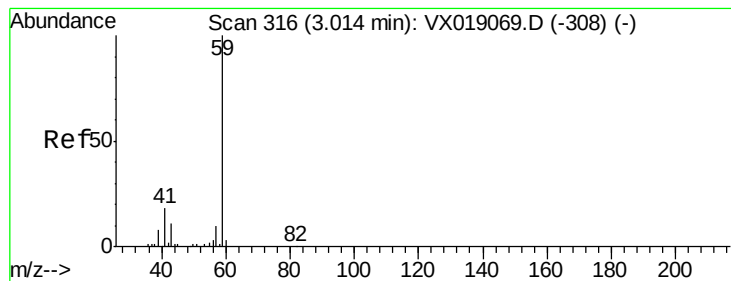
Ion Ratio Lower Upper

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_V

ClientSampleId :

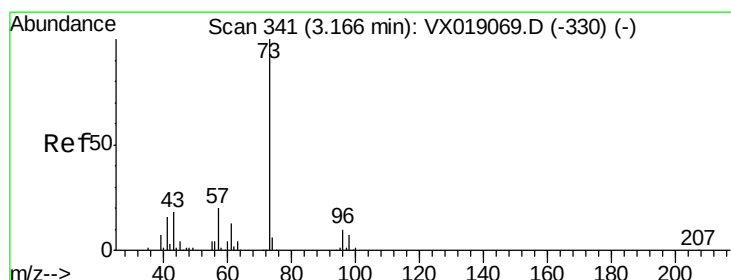
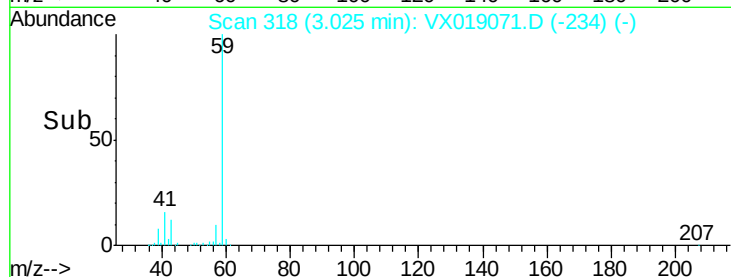
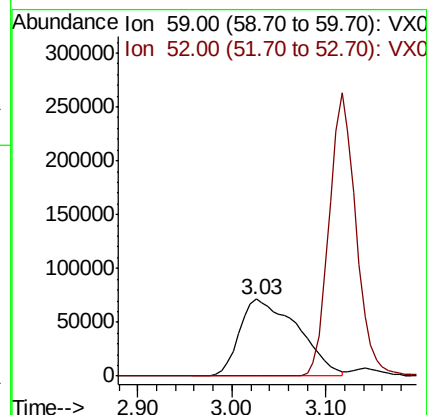
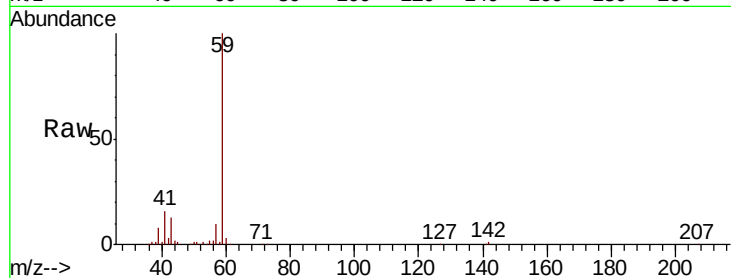
VSTDIC100

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

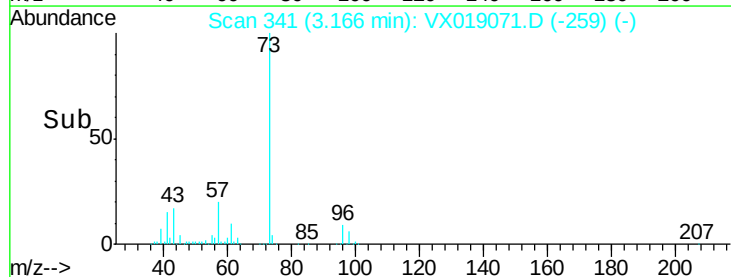
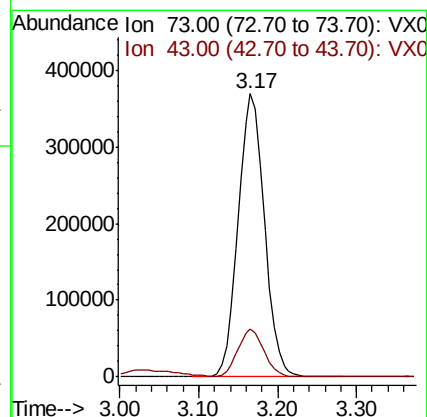
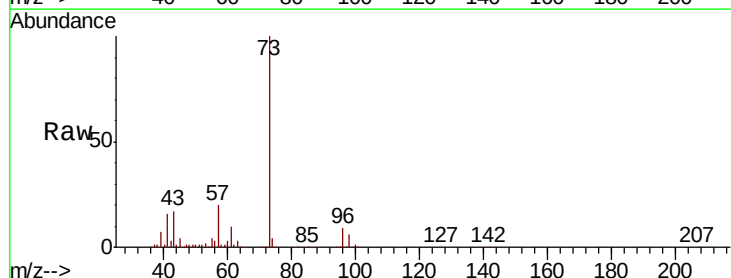
Acq: 23 Oct 2020 11:00

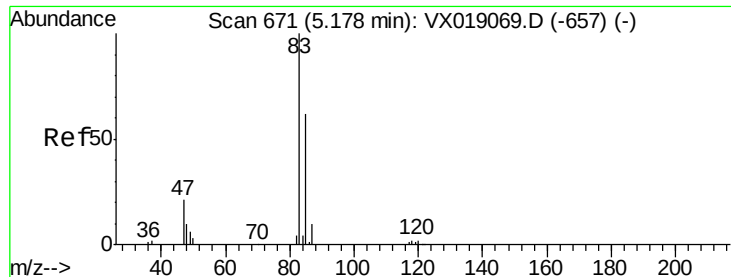
Tgt Ion: 73 Resp: 856111

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_V

ClientSampleId :

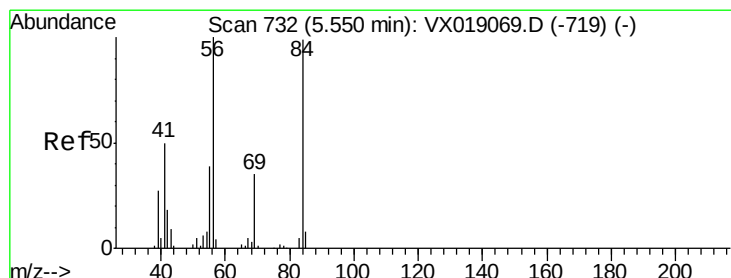
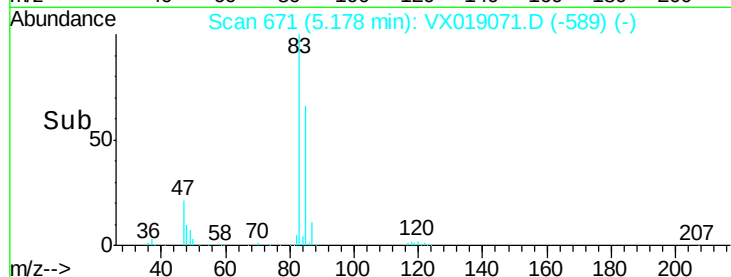
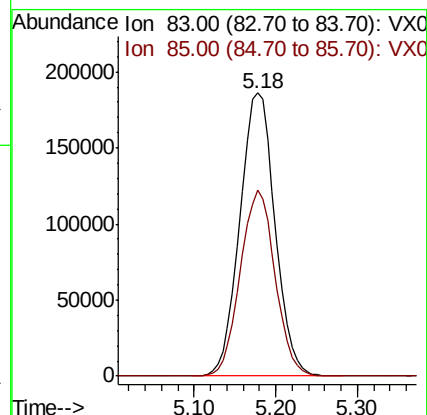
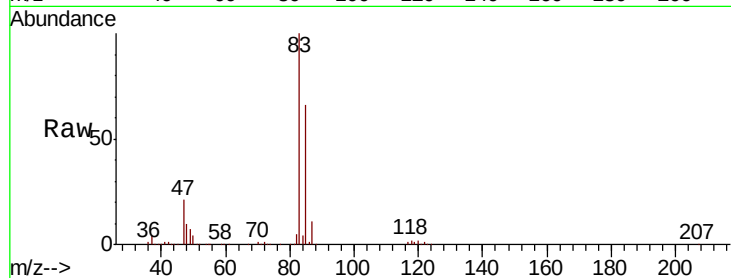
VSTDIC100

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

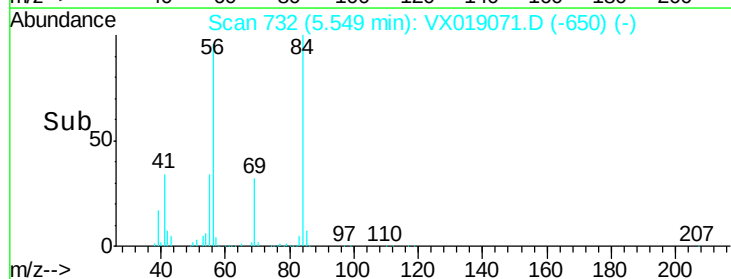
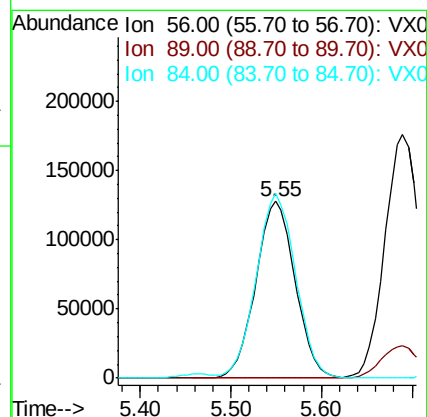
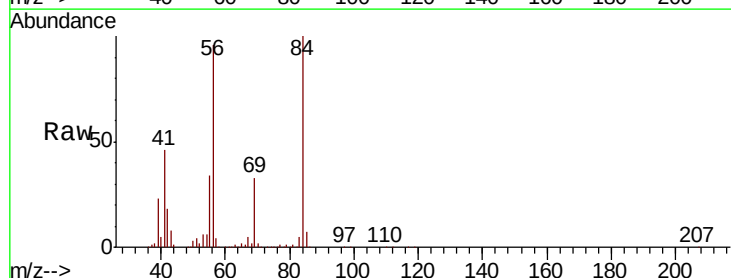
Tgt Ion: 56 Resp: 384262

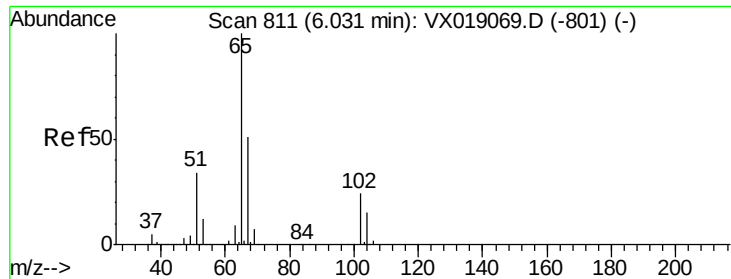
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 104.9 83.7 125.5

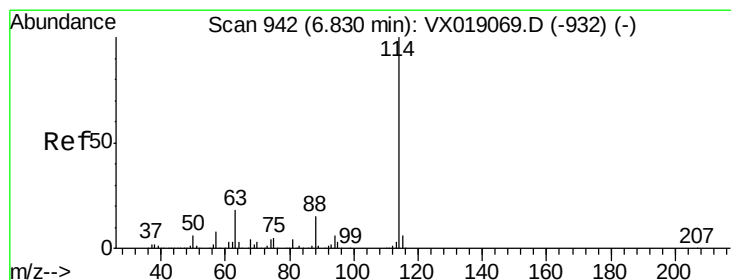
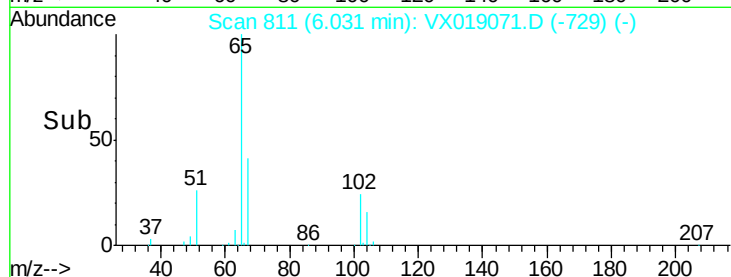
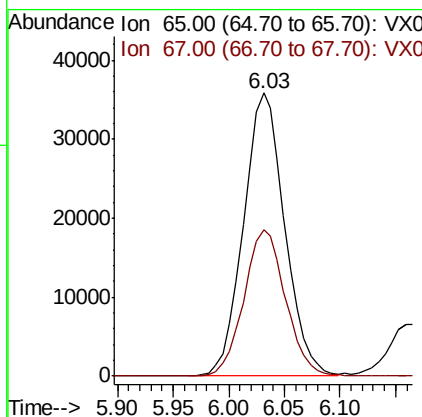
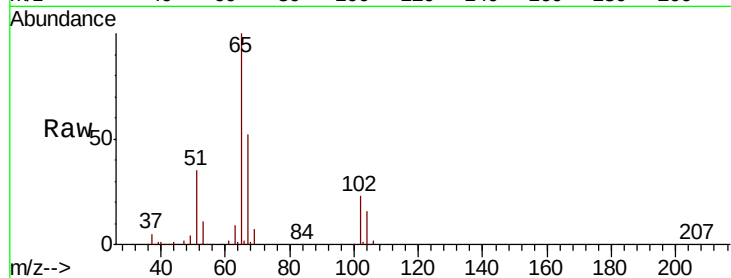




#27
 1,2-Dichloroethane-d4
 Concen: 28.695 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

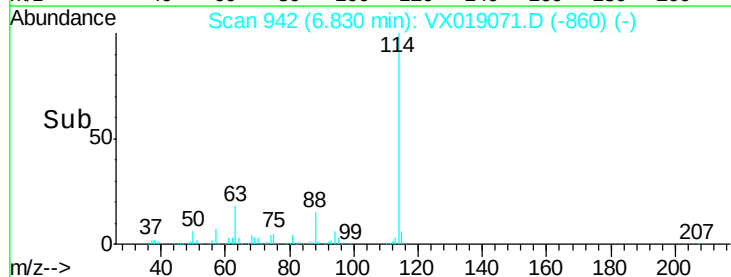
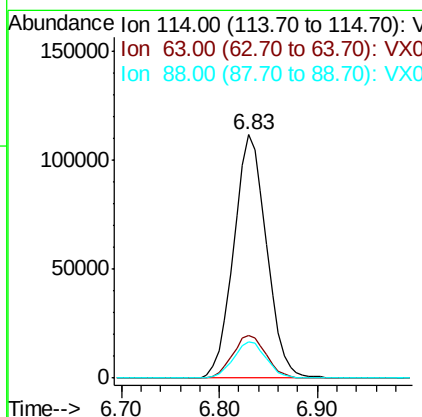
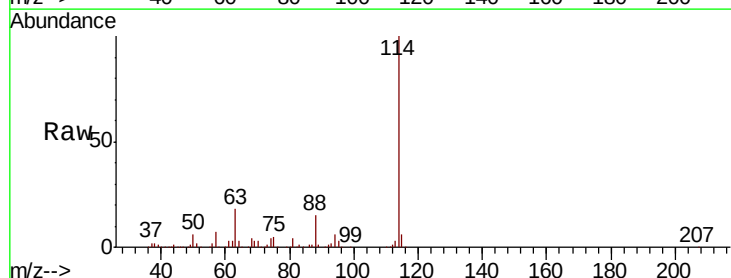
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

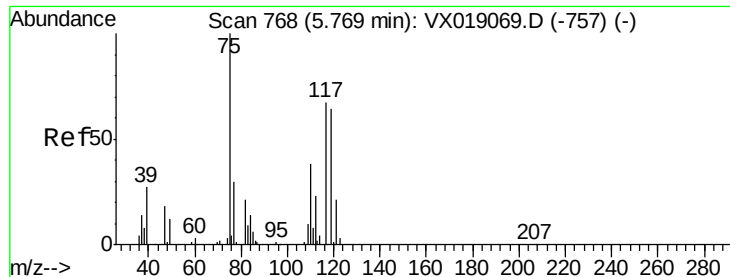
Tot Ion: 65 Resp: 92282
 Ion Ratio Lower Upper
 65 100
 67 52.0 42.0 63.0



#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_V

ClientSampleId :

VSTDIC100

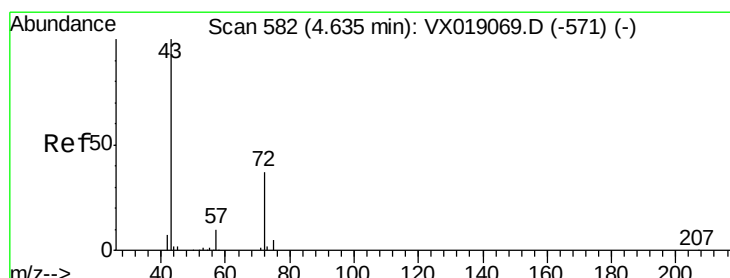
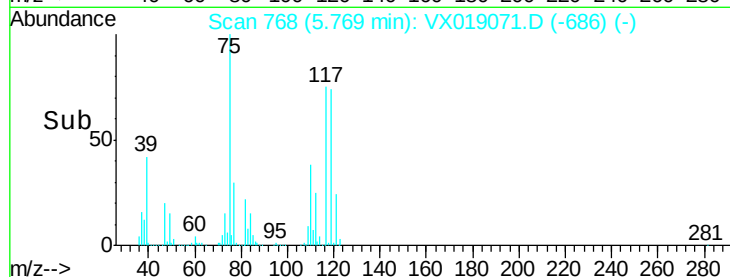
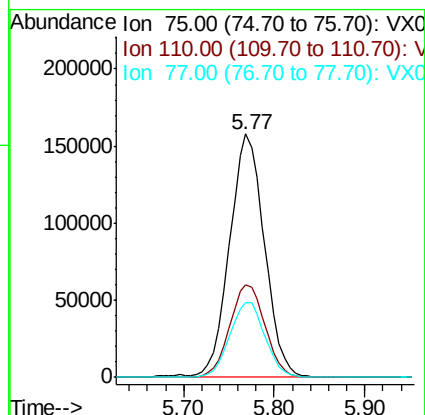
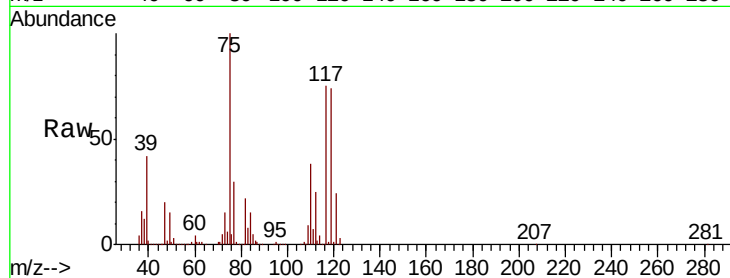
Tot Ion: 75 Resp: 419709

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

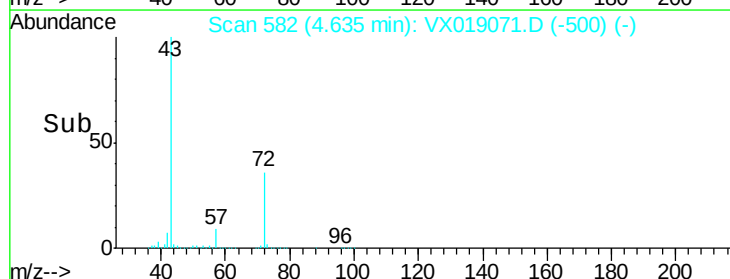
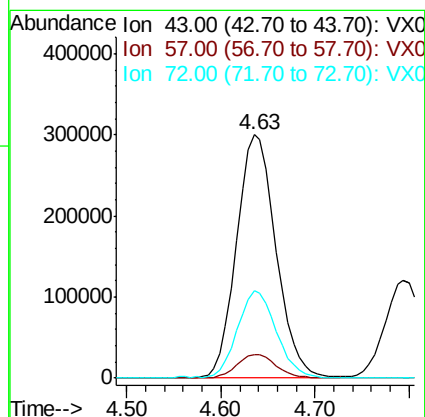
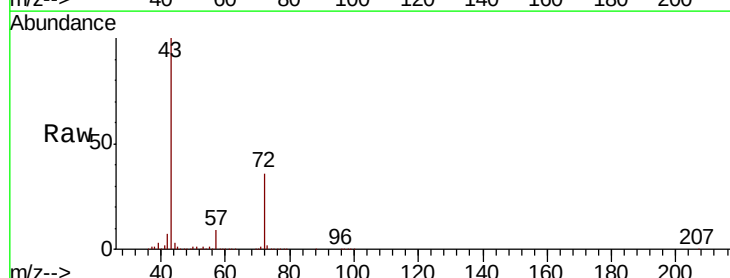
Tgt Ion: 43 Resp: 876364

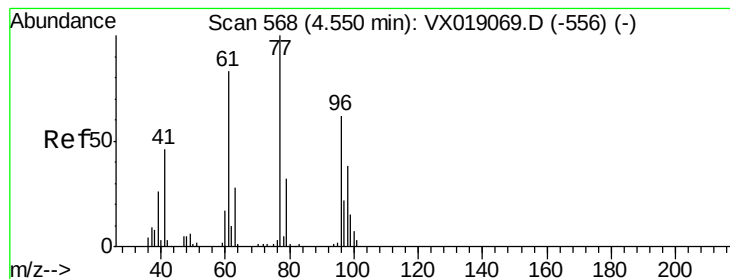
Ion Ratio Lower Upper

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_V

ClientSampleId :

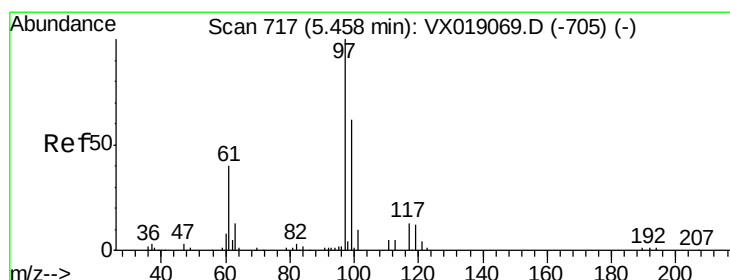
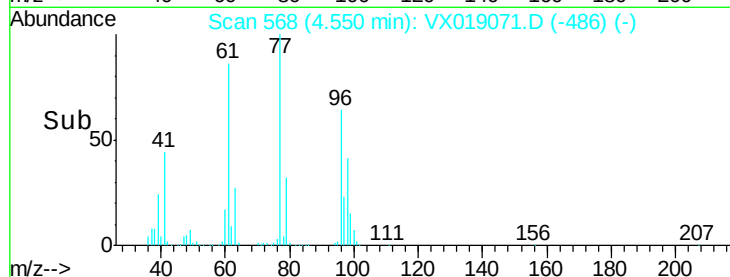
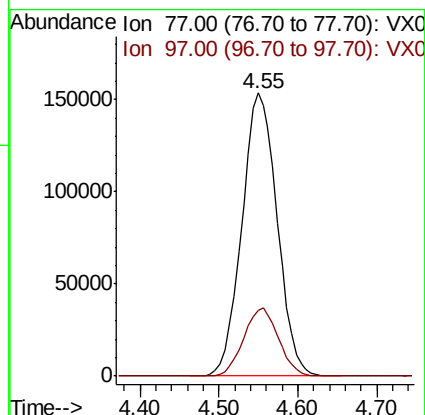
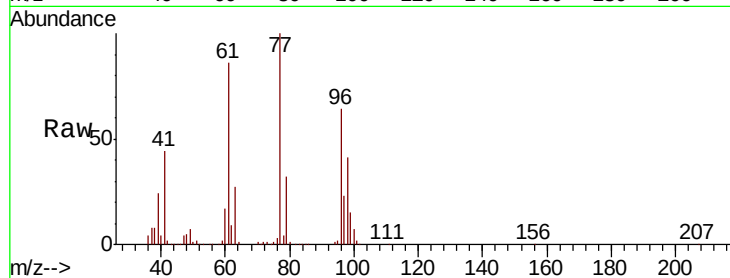
VSTDIC100

Tot Ion: 77 Resp: 476683

Ion Ratio Lower Upper

77 100

97 23.8 19.2 28.8



#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

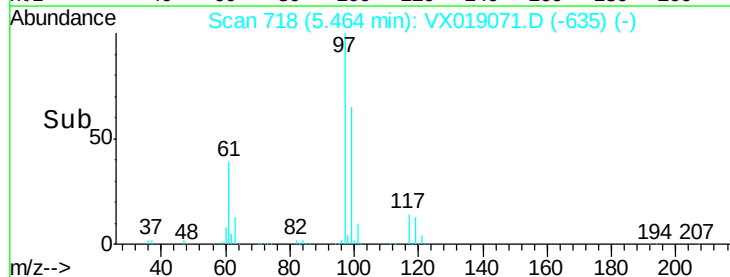
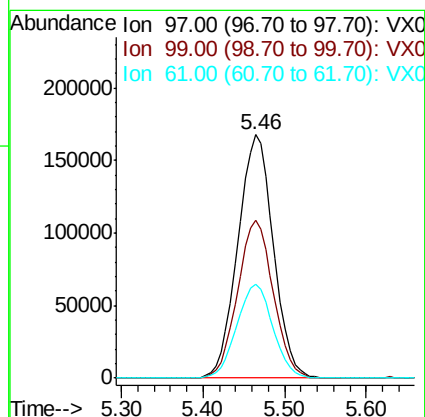
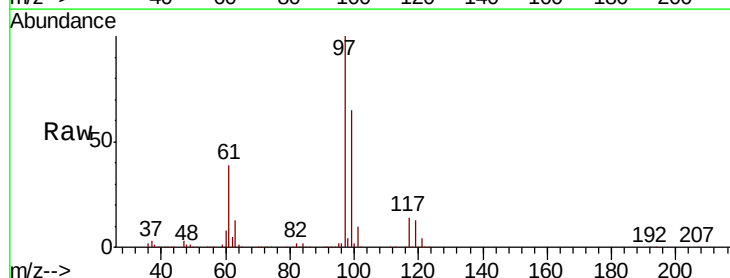
Tgt Ion: 97 Resp: 507379

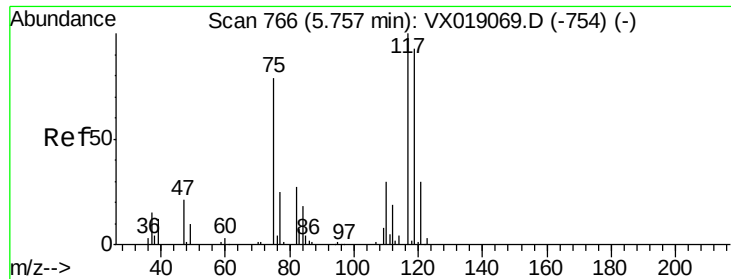
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.6

61 39.1 32.0 48.0

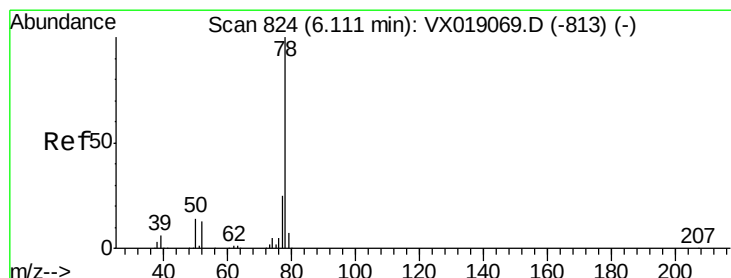
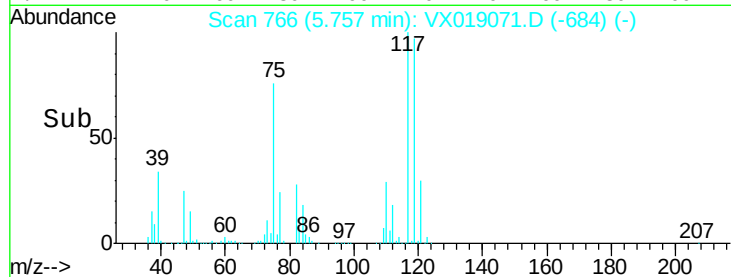
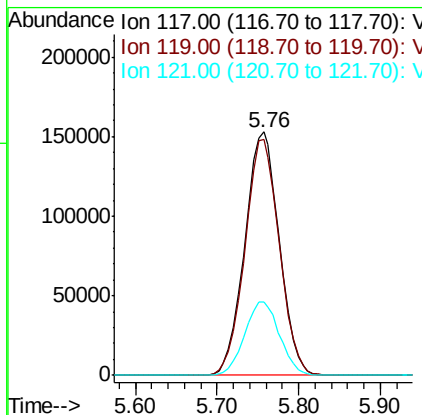
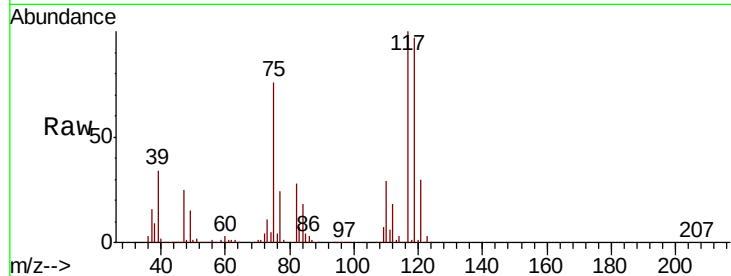




#33
Carbon Tetrachloride
Concen: 117.236 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

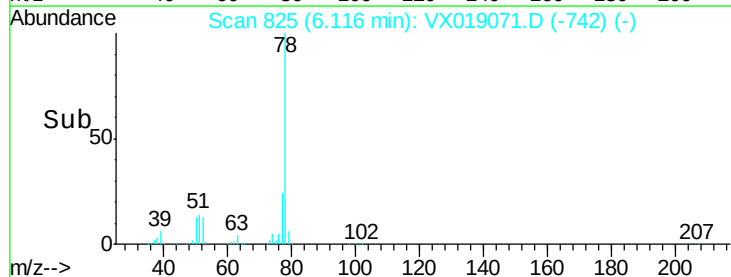
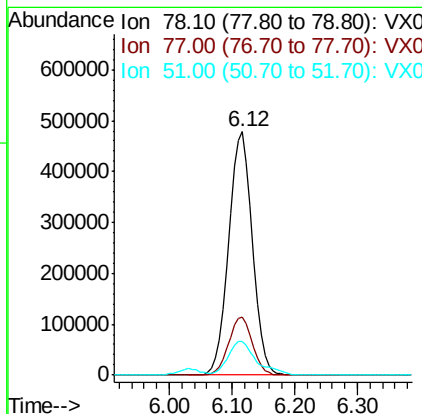
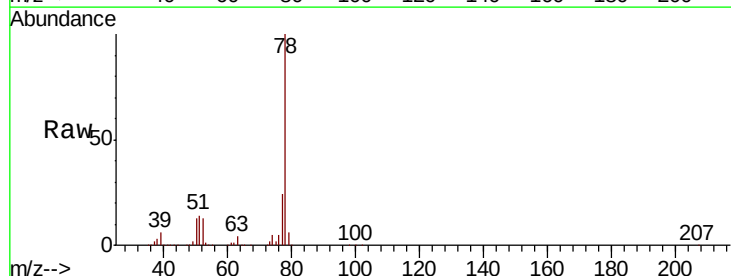
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

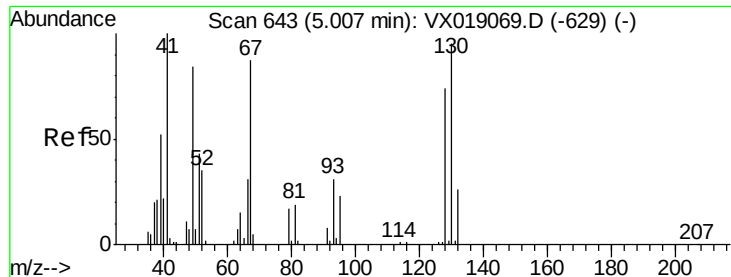
Tot Ion:117 Resp: 449533
Ion Ratio Lower Upper
117 100
119 96.9 74.5 111.7
121 30.0 24.1 36.1



#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

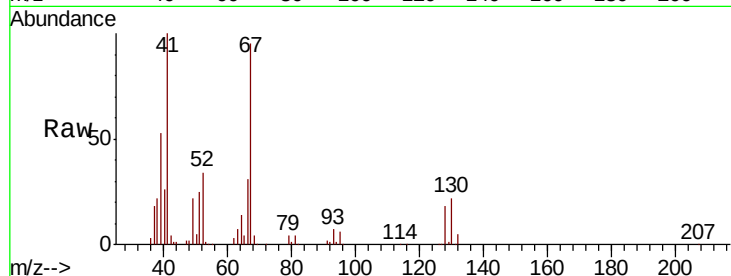




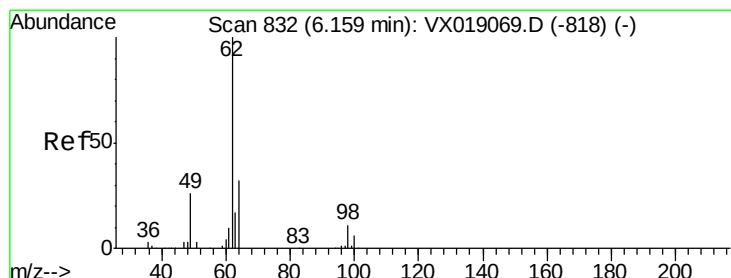
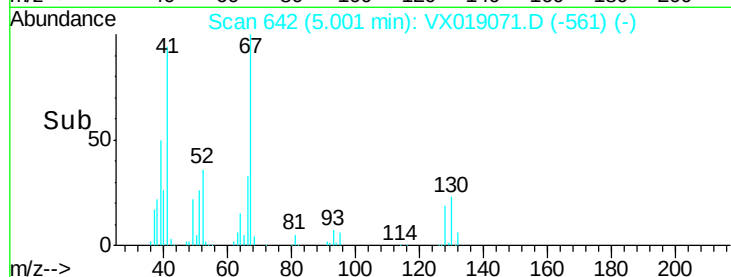
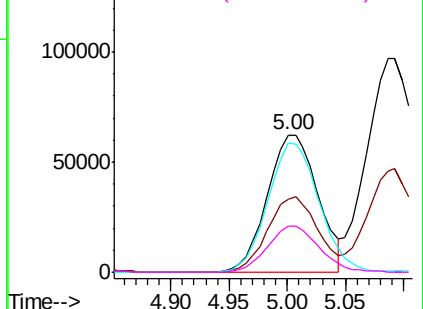
#35
Methacrylonitrile
Concen: 117.848 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tot Ion: 41 Resp: 186836
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

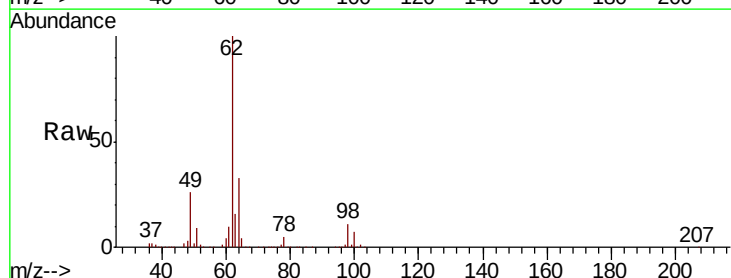


Abundance Ion 41.00 (40.70 to 41.70): VX0
150000 Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

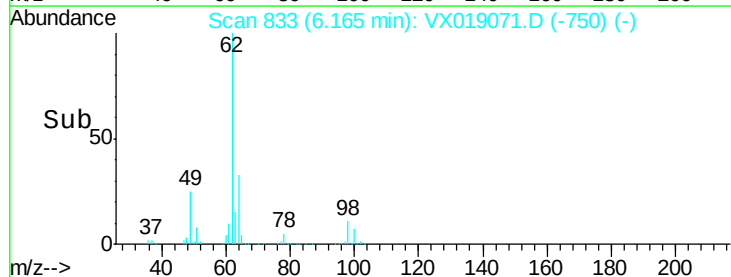
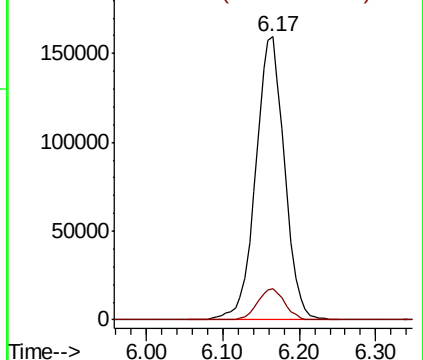


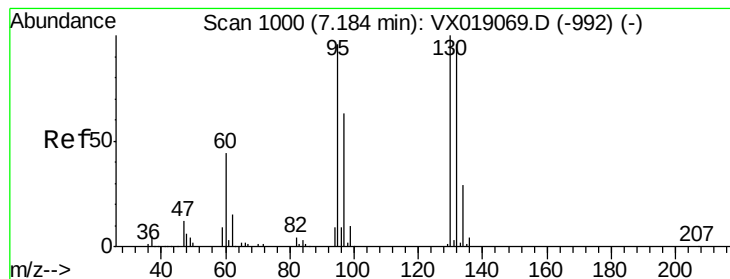
#36
1,2-Dichloroethane
Concen: 112.963 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

Tgt Ion: 62 Resp: 419142
Ion Ratio Lower Upper
62 100
98 10.6 8.4 12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
150000 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_V

ClientSampleId :

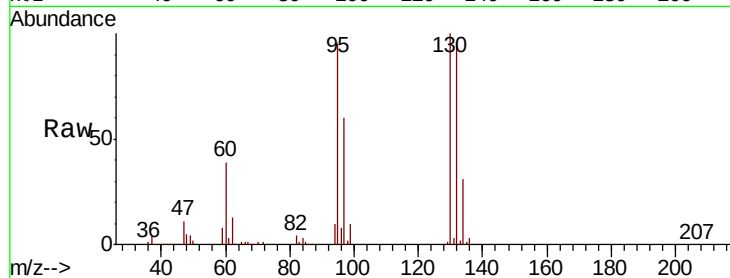
VSTDIC100

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

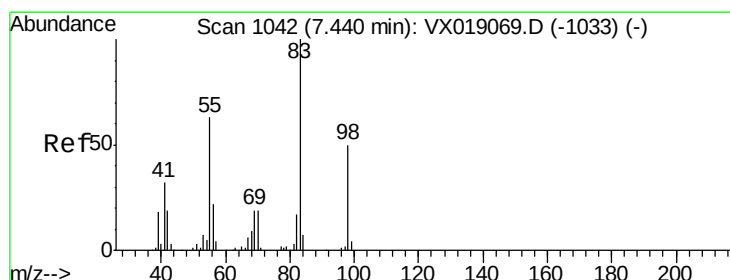
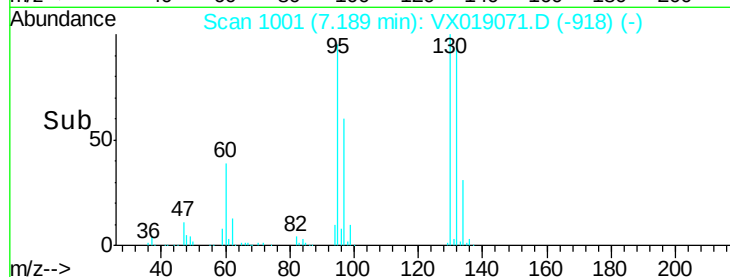
100000

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

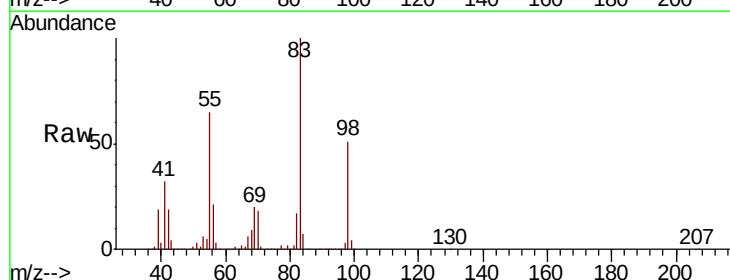
Tgt Ion: 83 Resp: 471227

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

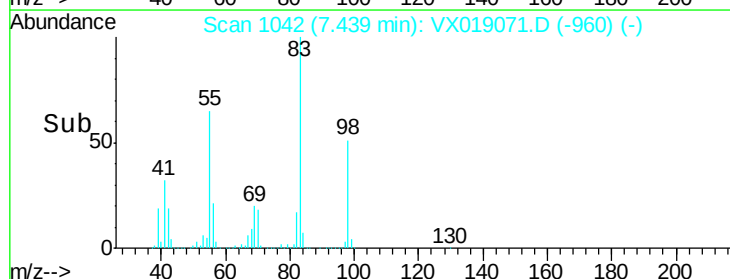
100000

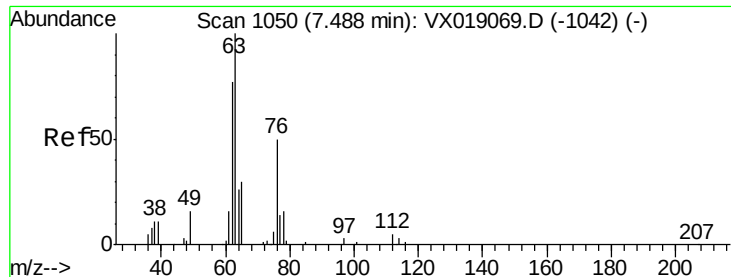
50000

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_V

ClientSampleId :

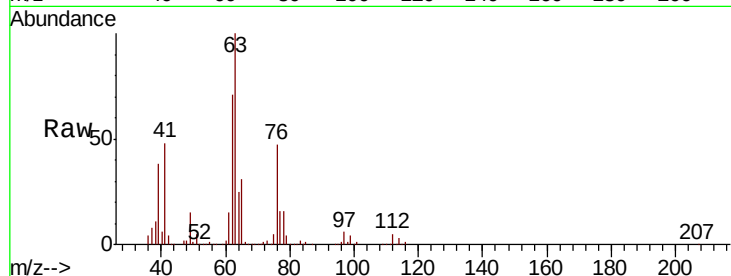
VSTDIC100

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

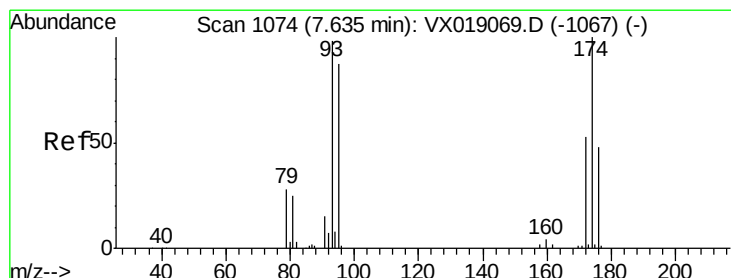
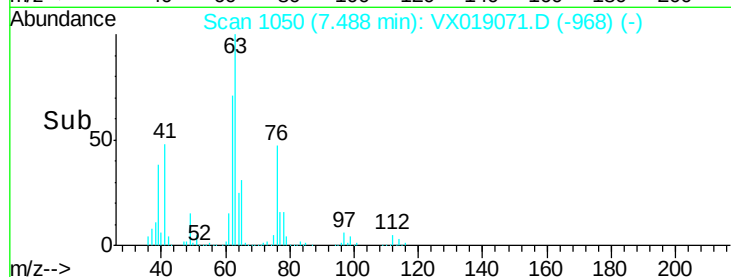
100000

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

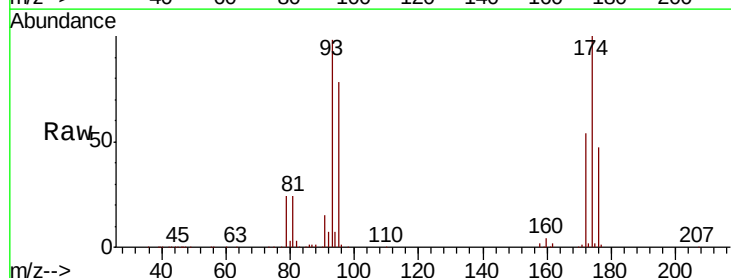
Tgt Ion: 93 Resp: 228119

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

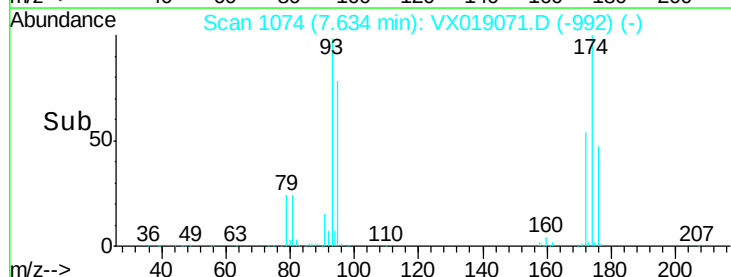
100000

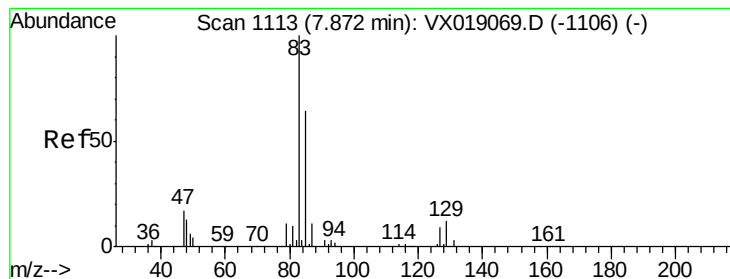
50000

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_V

ClientSampleId :

VSTDIC100

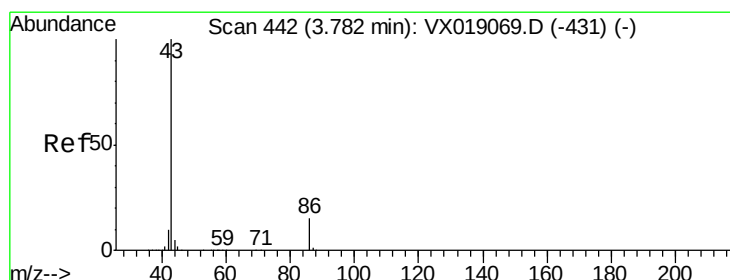
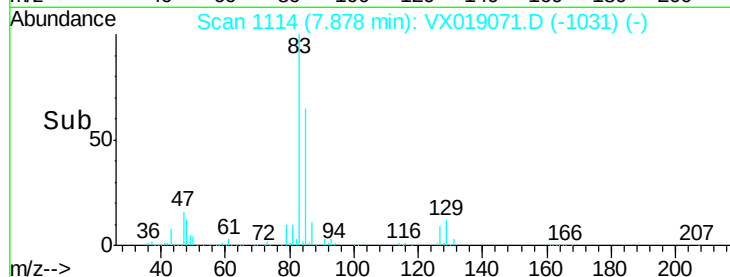
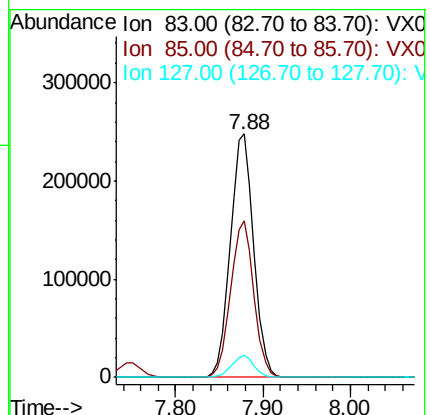
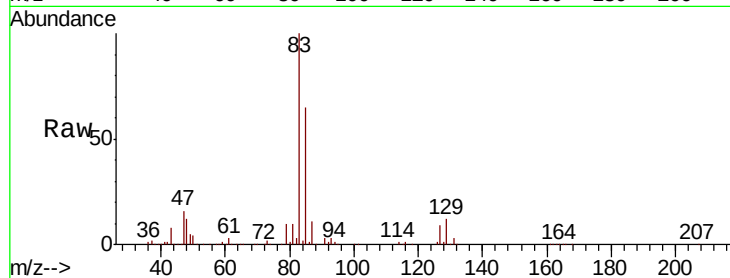
Tot Ion: 83 Resp: 459817

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

127 9.2 7.1 10.7



#42

Vinyl Acetate

Concen: 579.430 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019071.D

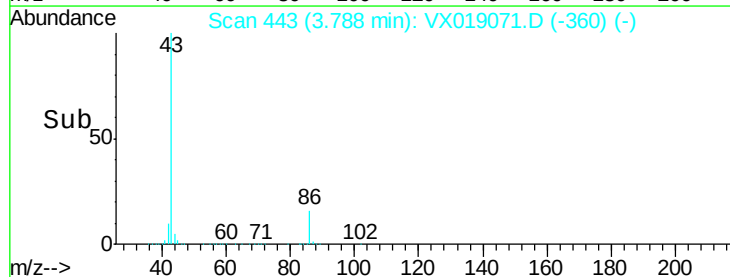
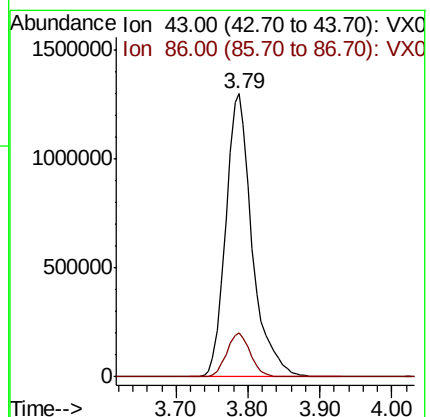
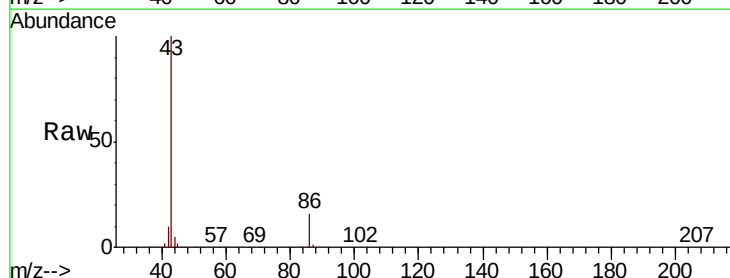
Acq: 23 Oct 2020 11:00

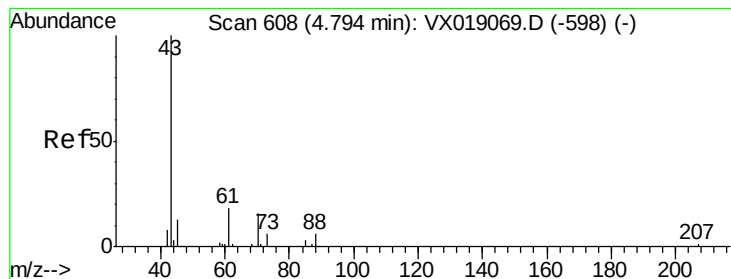
Tgt Ion: 43 Resp: 3301799

Ion Ratio Lower Upper

43 100

86 13.9 10.6 15.8





#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_V

ClientSampleId :

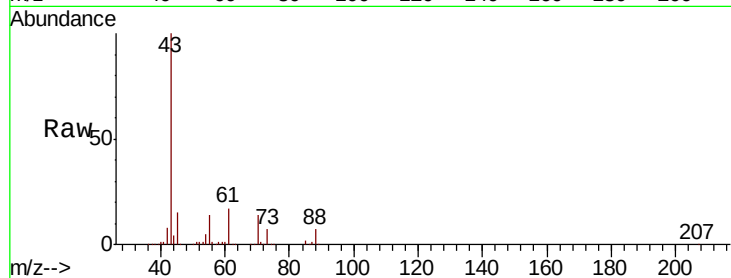
VSTDIC100

Tot Ion: 43 Resp: 355906

Ion Ratio Lower Upper

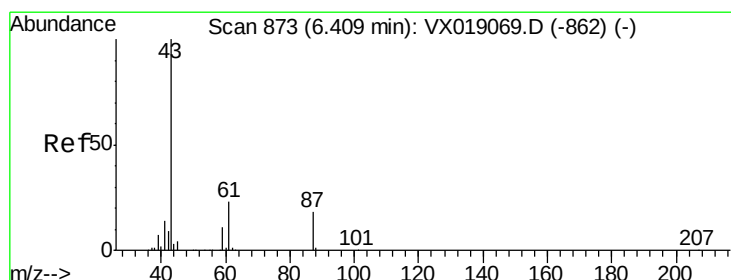
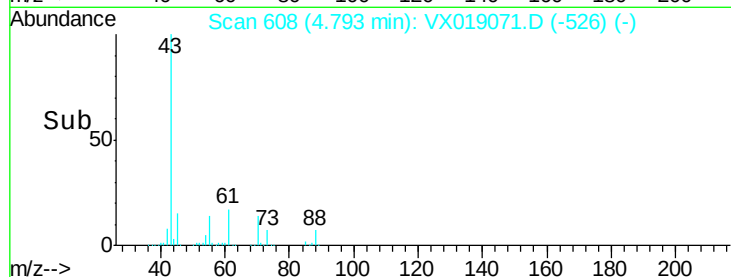
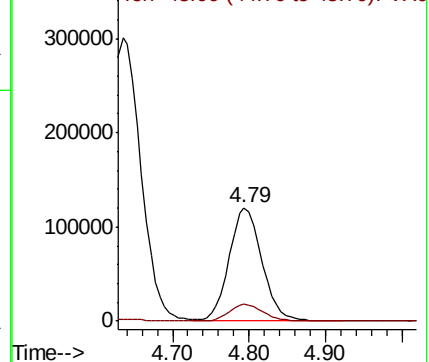
43 100

45 15.0 12.7 19.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 117.488 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019071.D

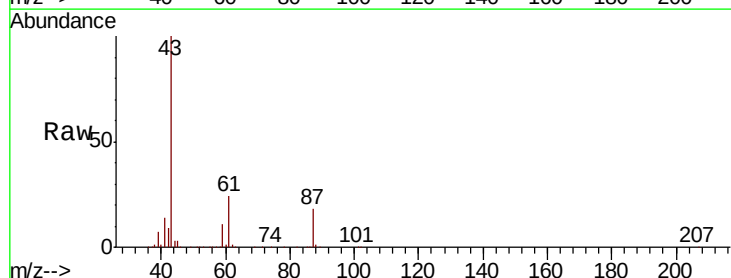
Acq: 23 Oct 2020 11:00

Tgt Ion: 43 Resp: 604432

Ion Ratio Lower Upper

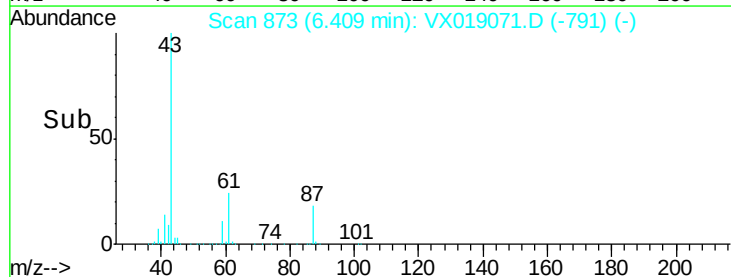
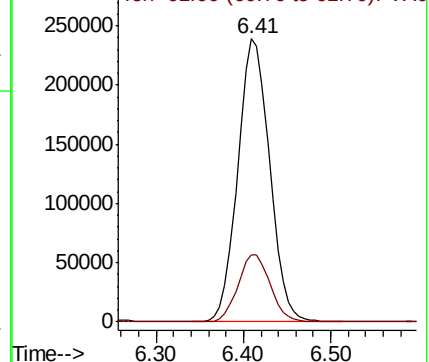
43 100

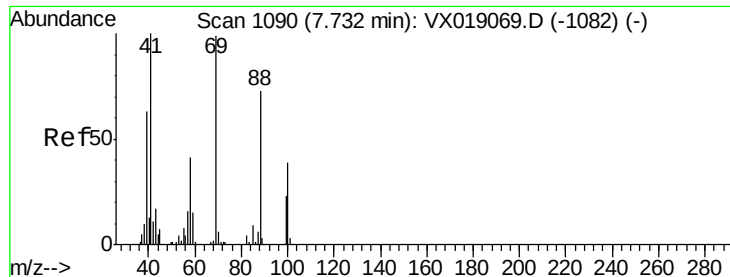
61 23.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

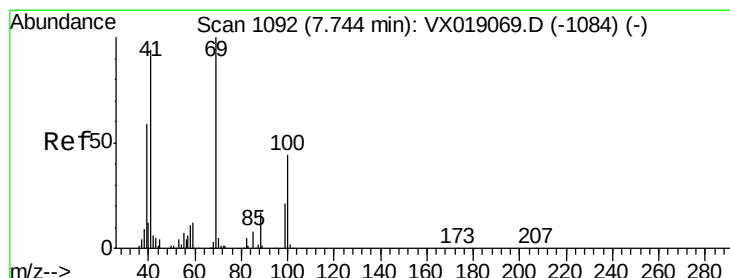
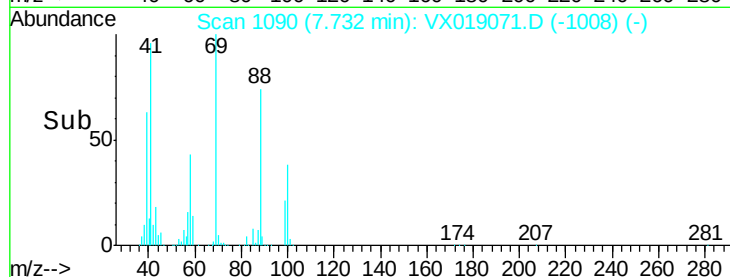
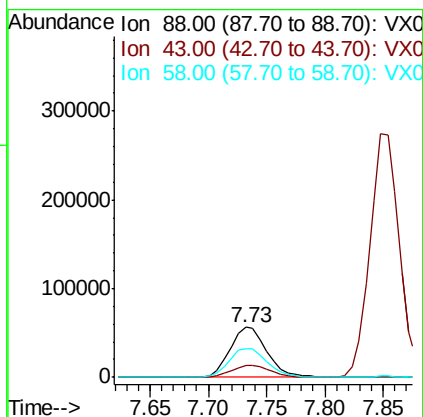
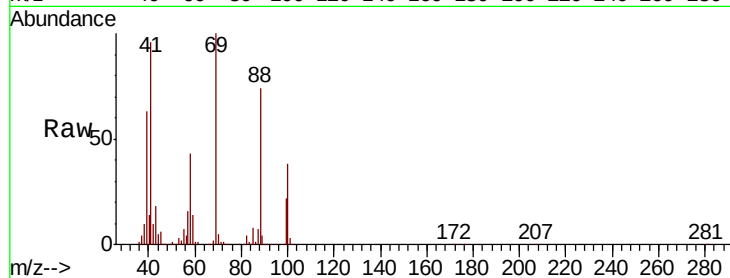




#45
 1,4-Dioxane
 Concen: 2305.126 ug/l
 RT: 7.73 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

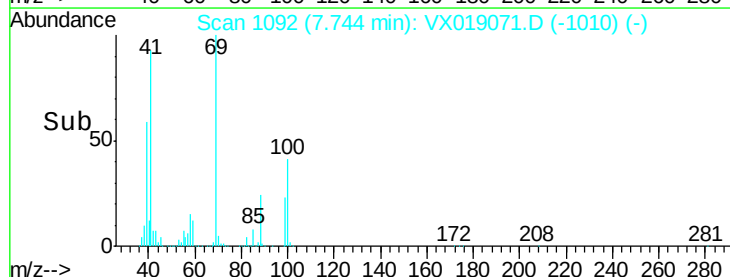
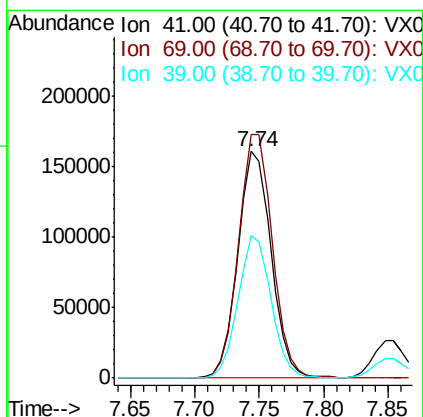
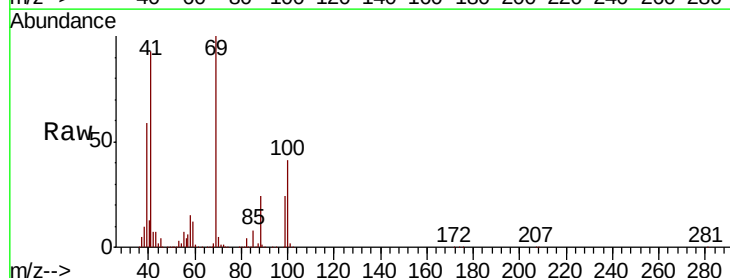
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

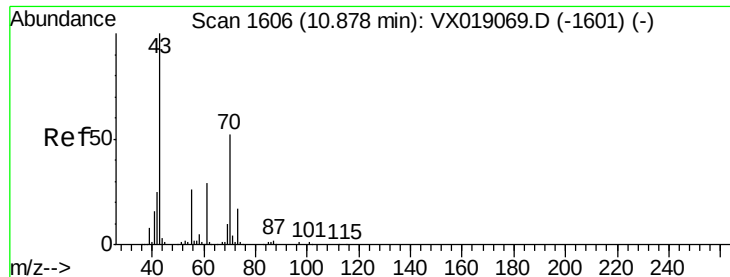
Tot Ion: 88 Resp: 124650
 Ion Ratio Lower Upper
 88 100
 43 25.4 20.5 30.7
 58 60.7 47.4 71.2



#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_V

ClientSampleId :

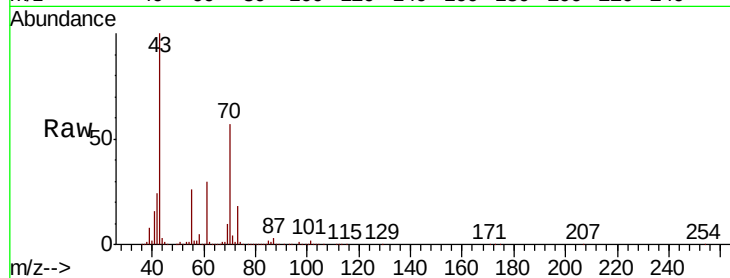
VSTDIC100

Tot Ion: 43 Resp: 486043

Ion Ratio Lower Upper

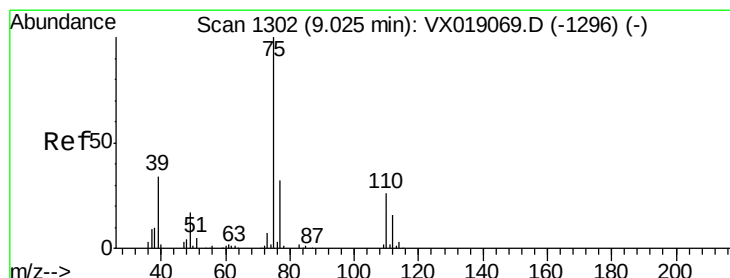
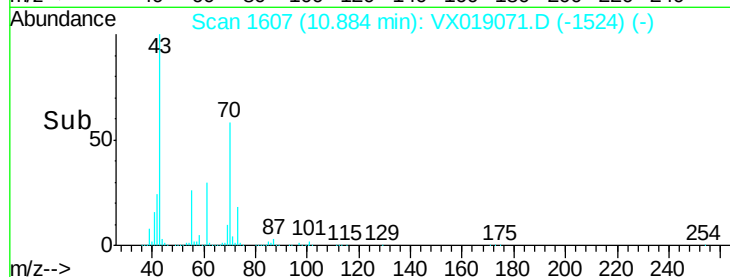
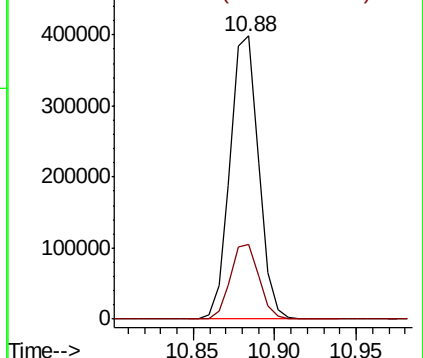
43 100

55 26.4 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#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

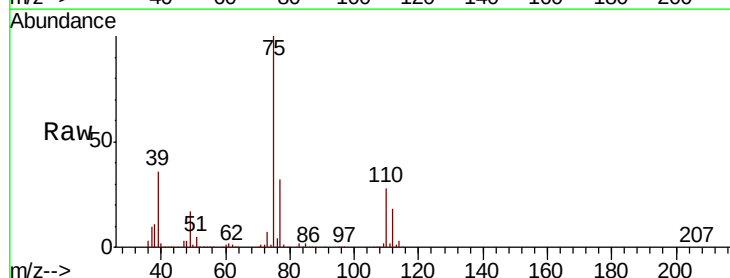
Acq: 23 Oct 2020 11:00

Tgt Ion: 75 Resp: 515581

Ion Ratio Lower Upper

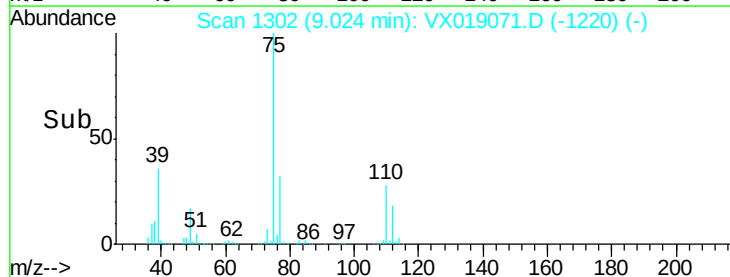
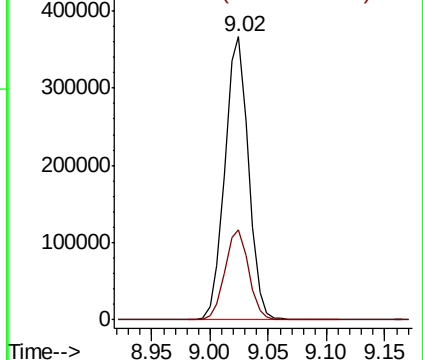
75 100

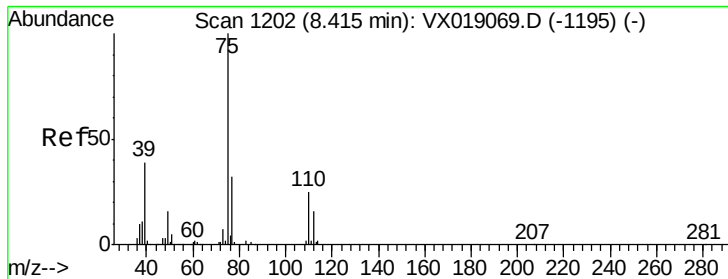
77 32.0 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



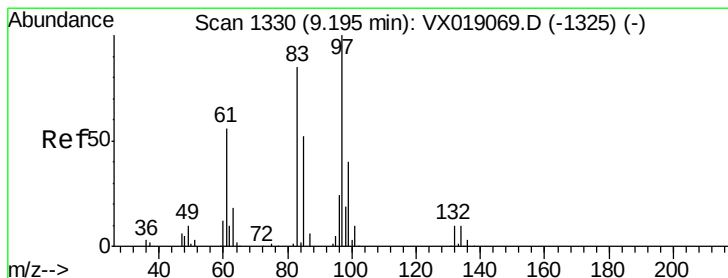
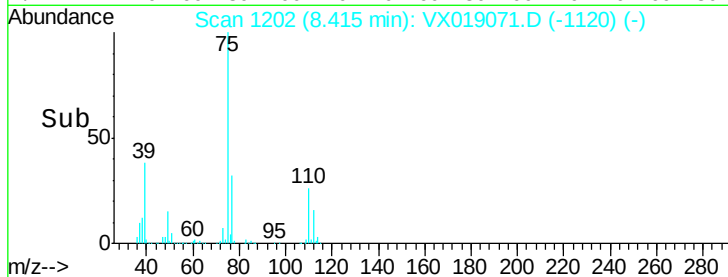
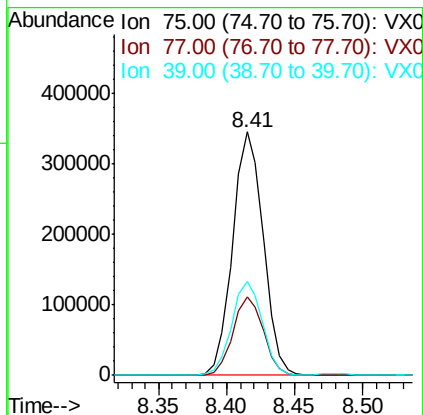
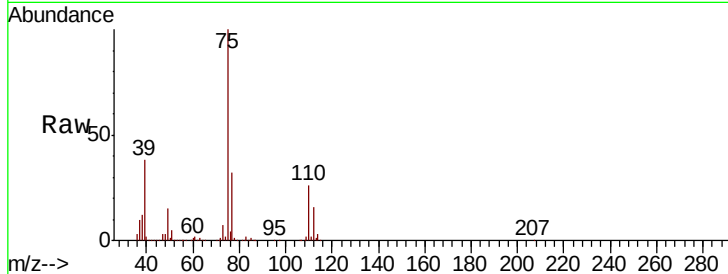


#49

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_V
 ClientSampleId :
 VSTDIC100

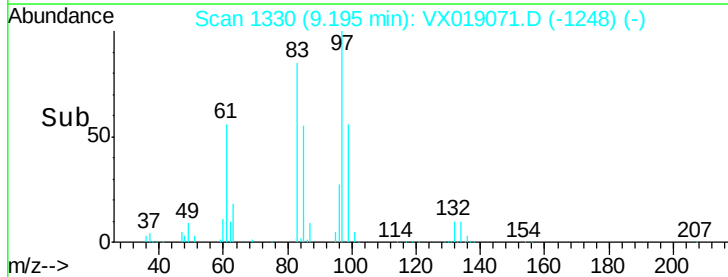
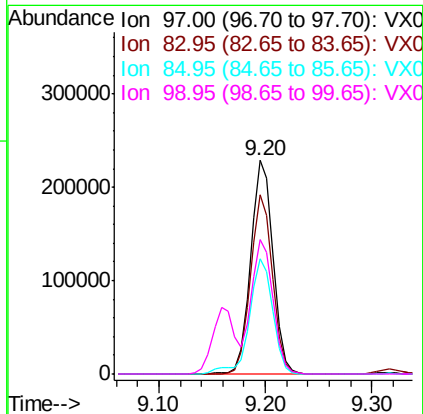
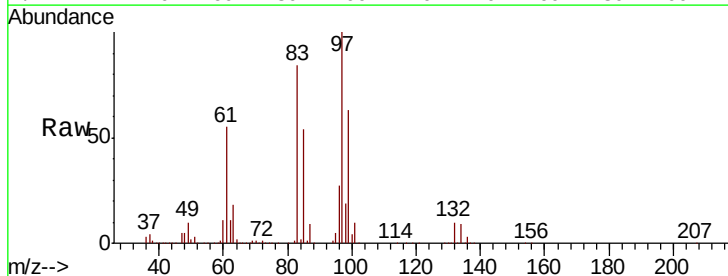
Tot Ion:	75	Resp:	543087
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	38.3	31.0	46.6

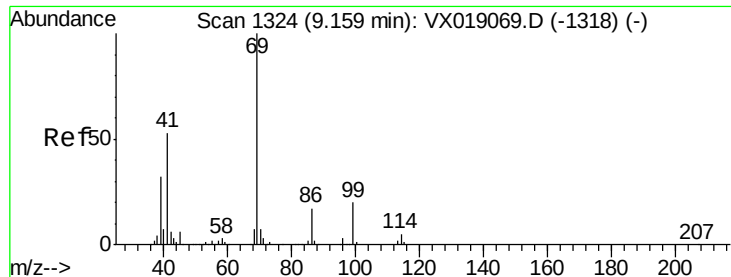


#50

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:	97	Resp:	337639
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

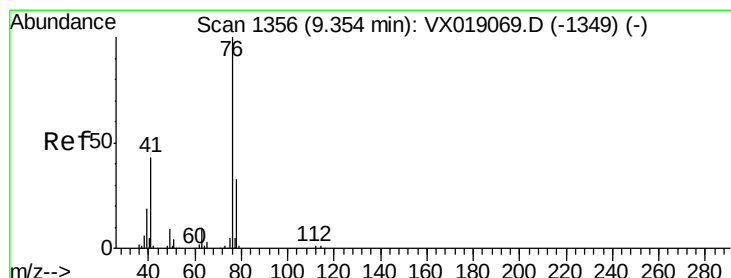
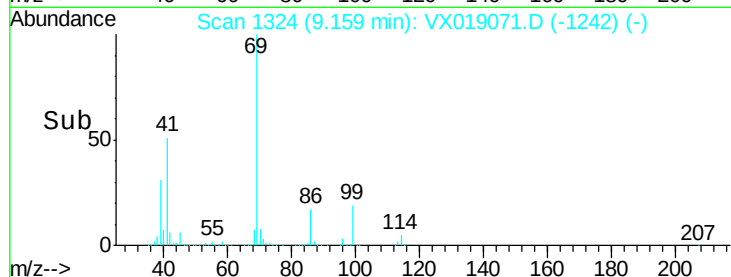
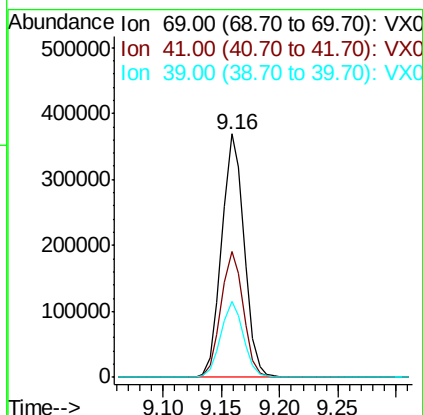
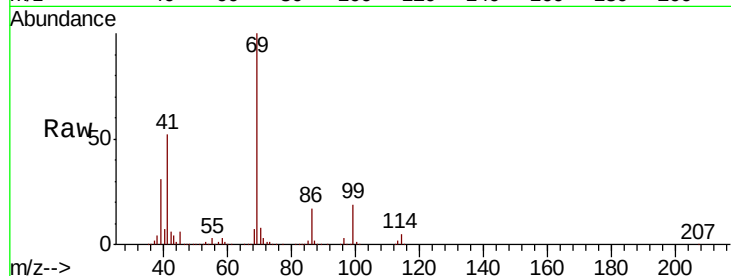




#51
Ethyl methacrylate
Concen: 119.882 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

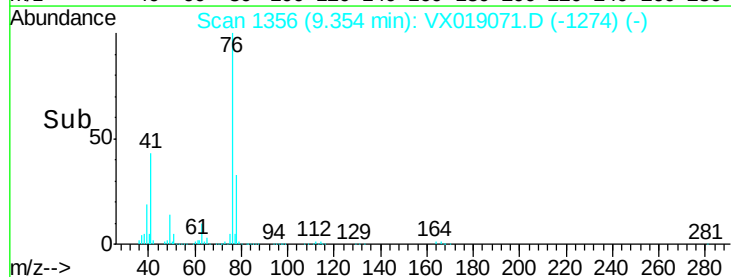
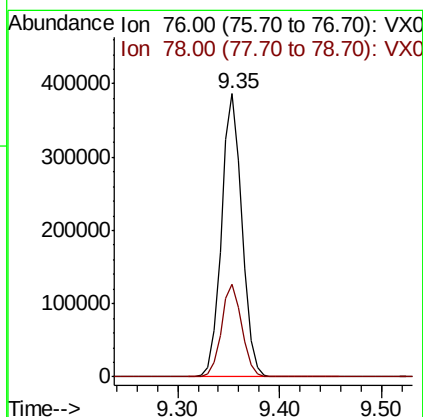
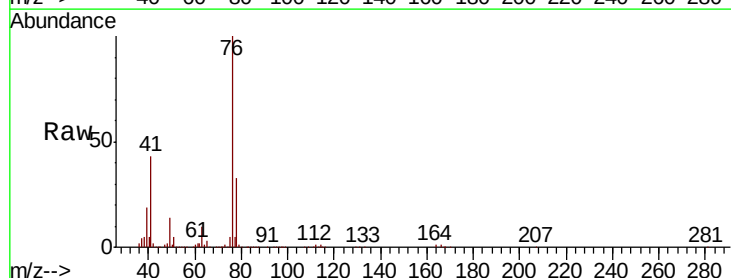
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

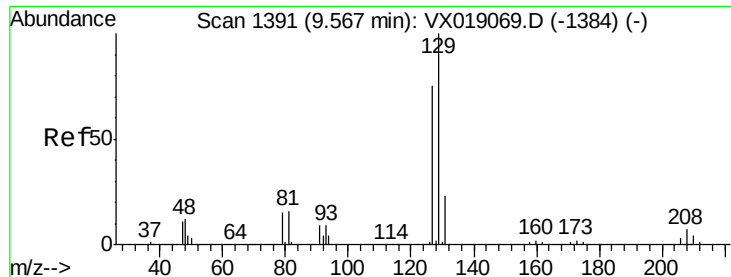
Tot Ion	Ratio	Lower	Upper
69	100		
41	51.5	26.5	79.4
39	31.0	16.2	48.6



#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





#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_V

ClientSampleId :

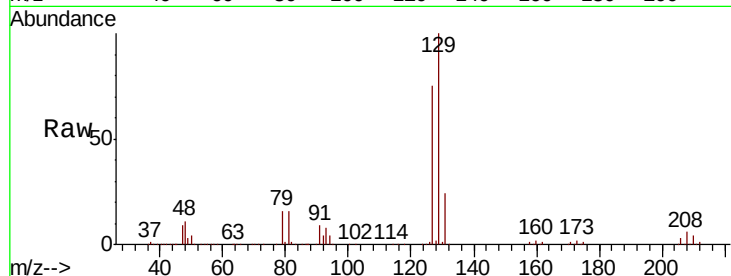
VSTDIC100

Tot Ion:129 Resp: 388125

Ion Ratio Lower Upper

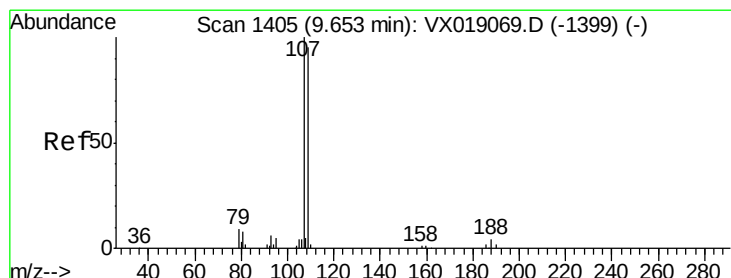
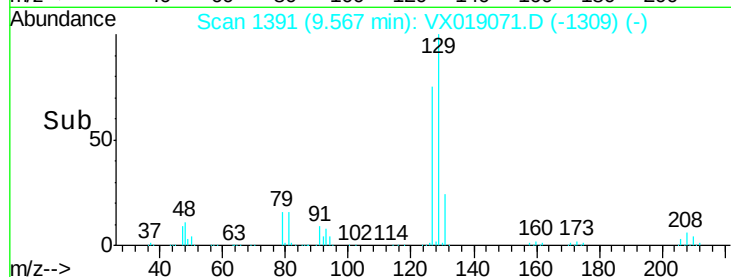
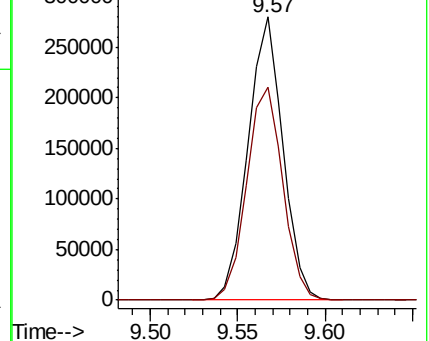
129 100

127 77.9 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#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

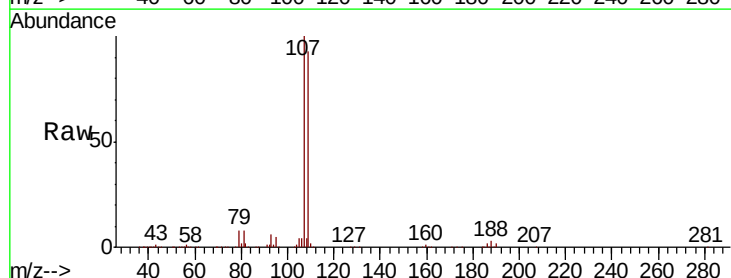
Acq: 23 Oct 2020 11:00

Tgt Ion:107 Resp: 364758

Ion Ratio Lower Upper

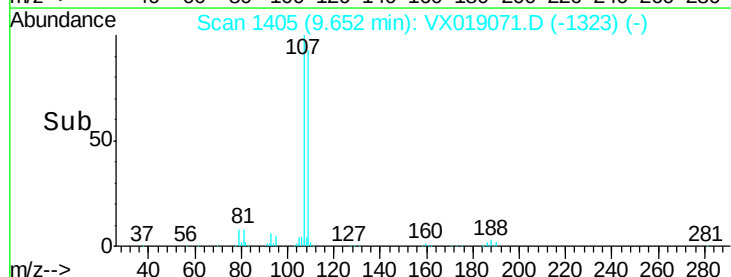
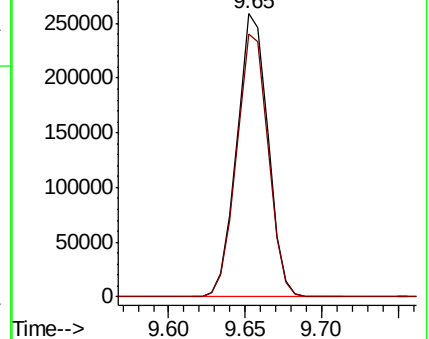
107 100

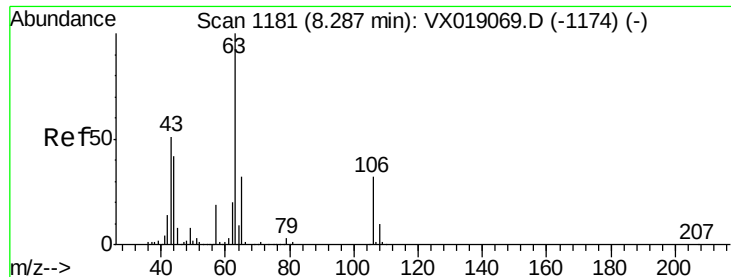
109 94.3 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

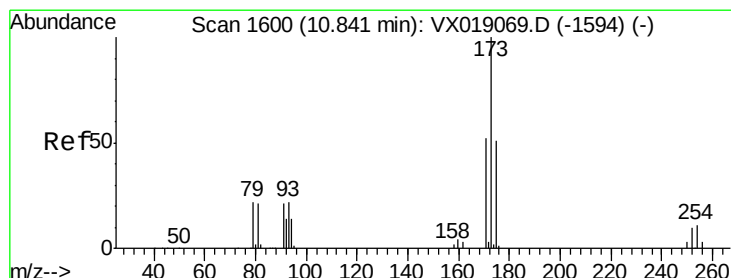
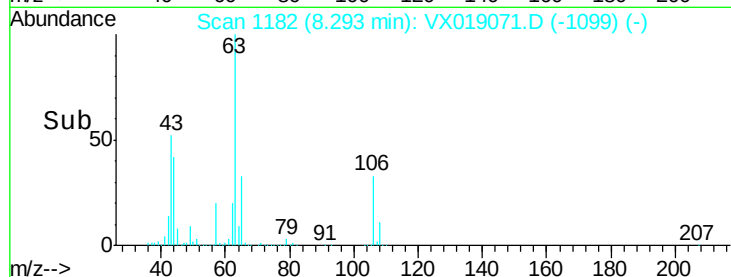
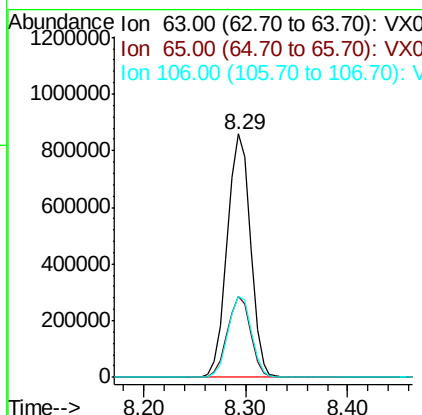
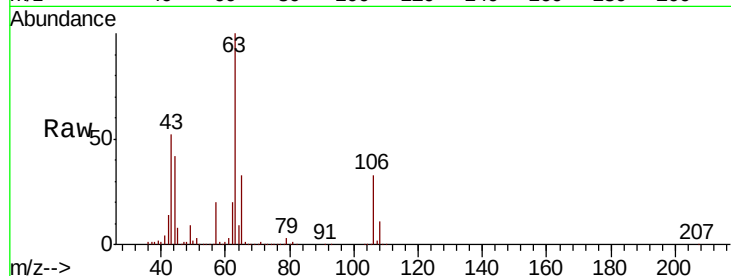




#55
2-Chloroethyl vinyl ether
Concen: 616.524 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

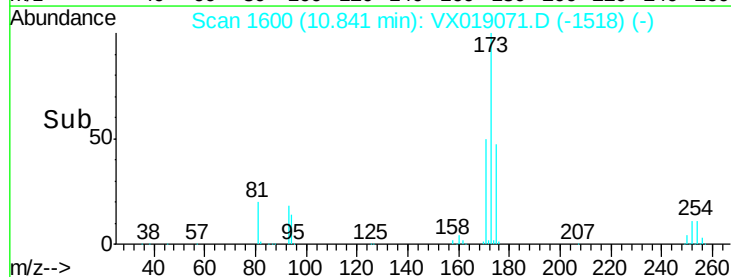
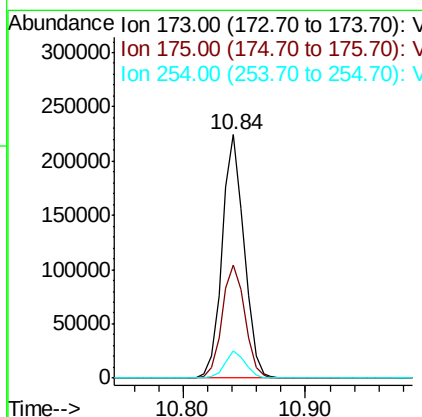
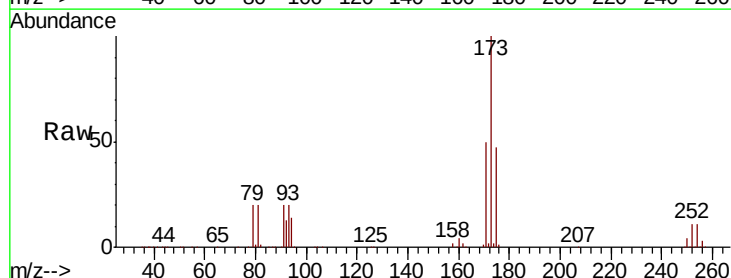
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

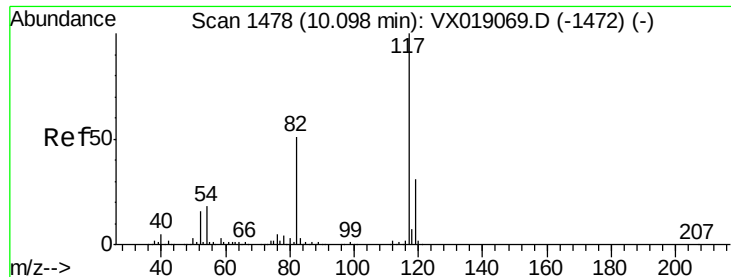
Tot Ion: 63 Resp: 1356891
Ion Ratio Lower Upper
63 100
65 32.8 26.0 39.0
106 33.3 25.9 38.9



#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

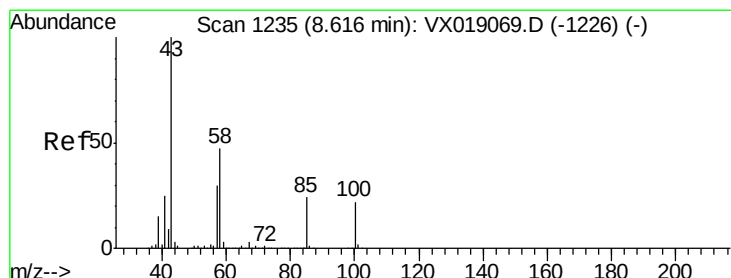
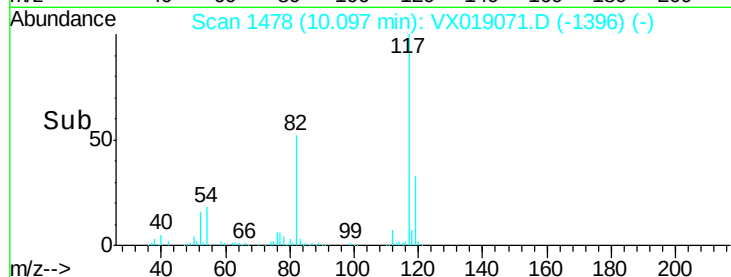
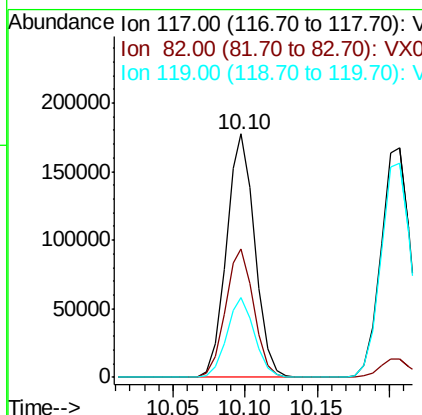
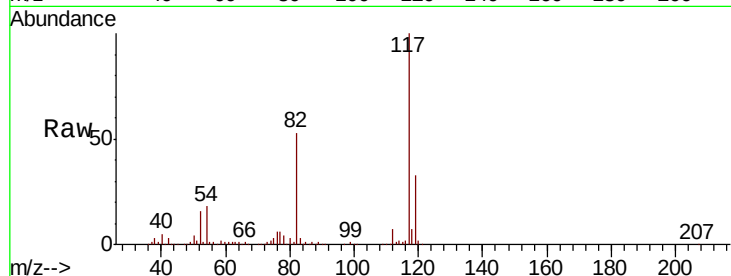




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

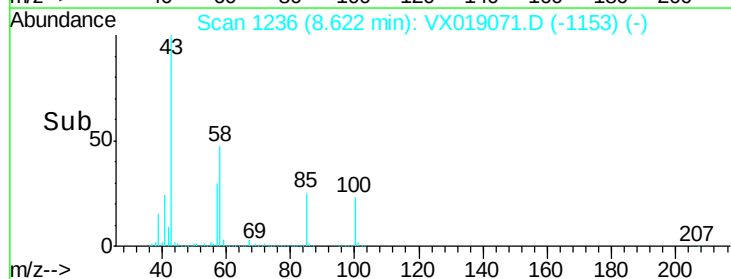
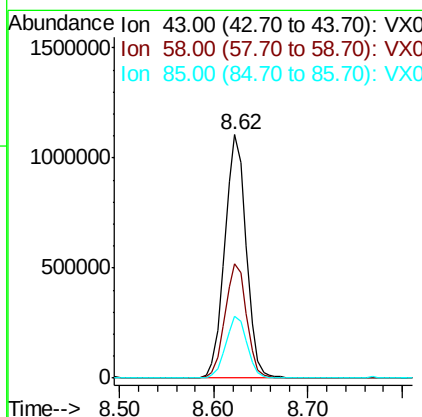
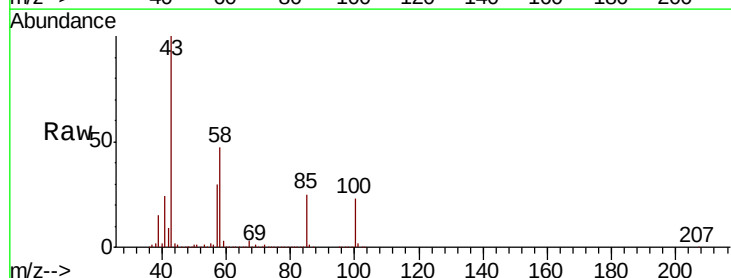
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

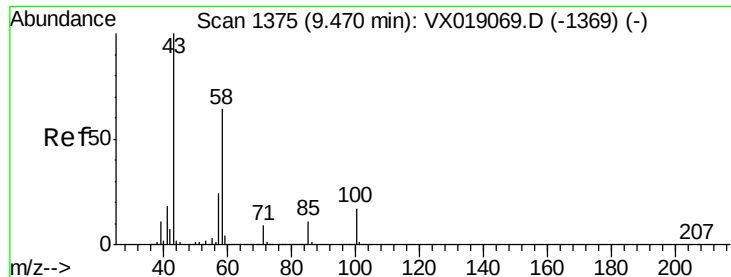
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.5	63.7
119	31.9	25.6	38.4



#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

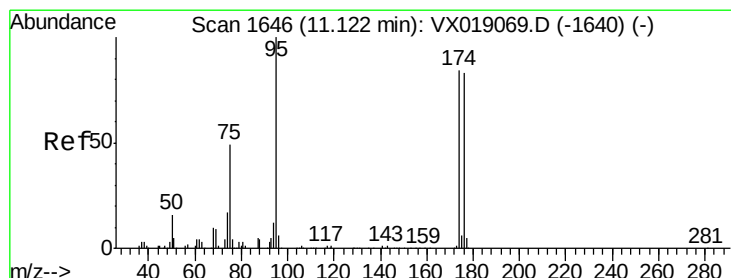
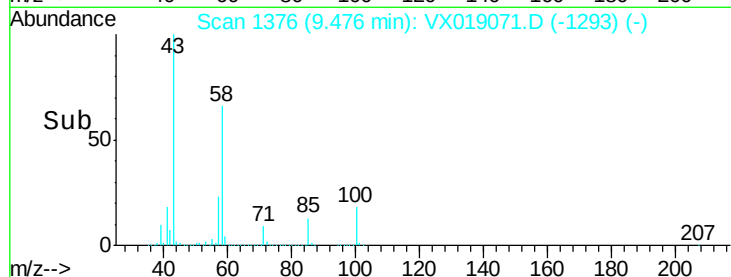
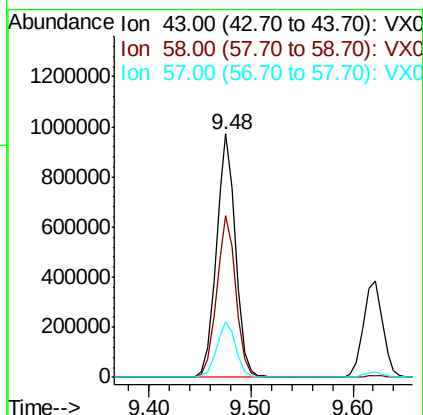
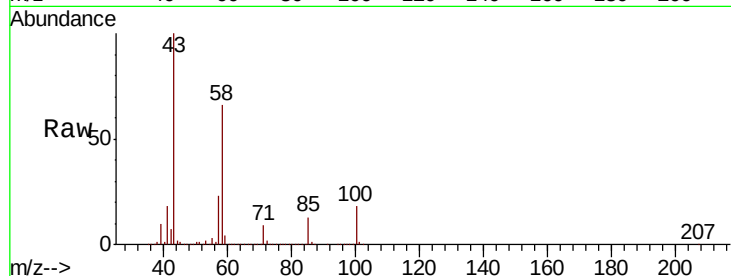




#59
2-Hexanone
Concen: 555.567 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

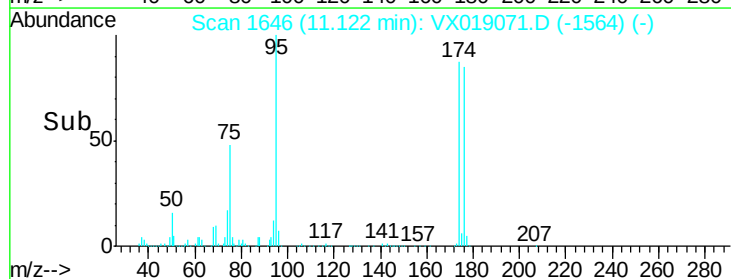
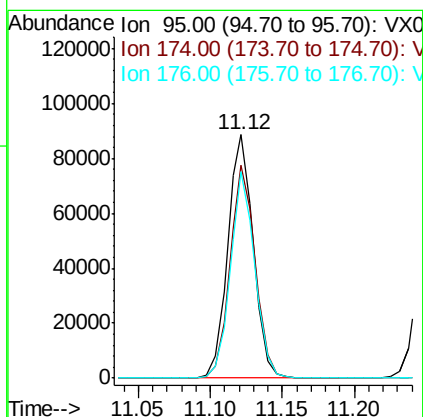
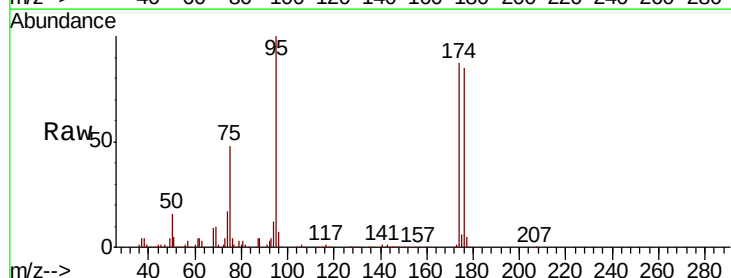
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

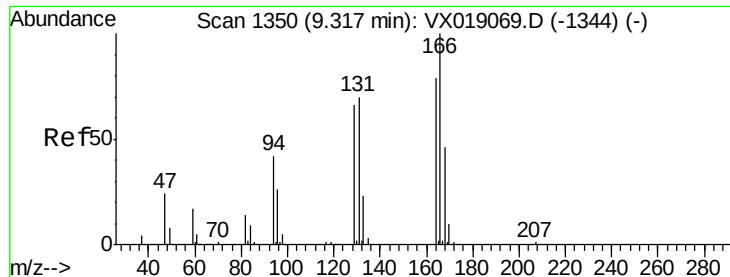
Tot Ion: 43 Resp: 1280029
Ion Ratio Lower Upper
43 100
58 66.2 51.9 77.9
57 22.8 18.2 27.4



#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_V
ClientSampleId :
VSTDIC100

Tot Ion:164 Resp: 324543

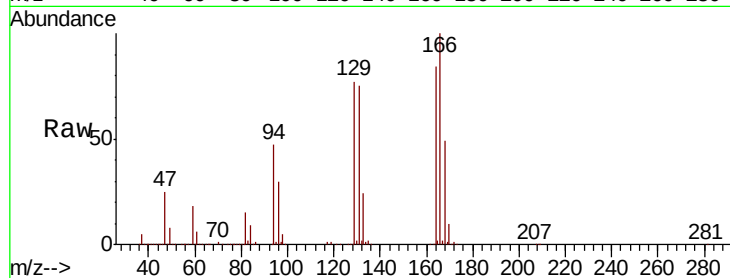
Ion Ratio Lower Upper

164 100

166 119.5 101.9 152.9

129 91.6 67.0 100.6

131 90.0 71.1 106.7

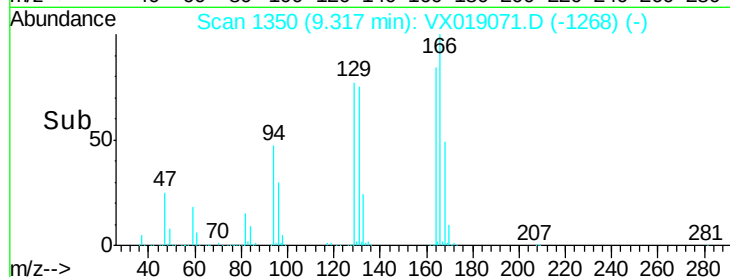


Abundance Ion 163.85 (163.55 to 164.55): V

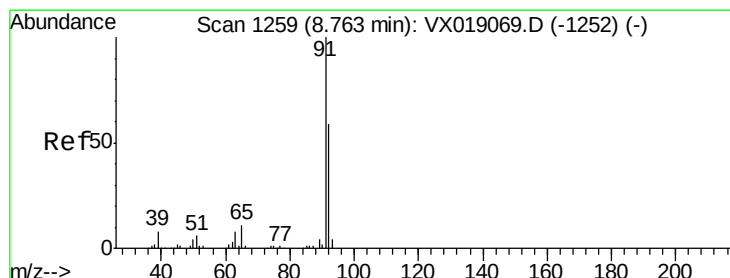
Ion 165.80 (165.50 to 166.50): V

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

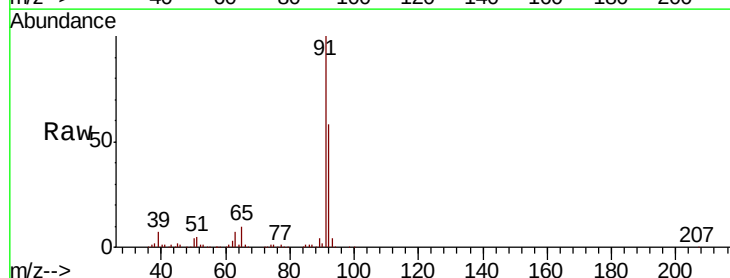
Acq: 23 Oct 2020 11:00

Tgt Ion: 91 Resp: 1436054

Ion Ratio Lower Upper

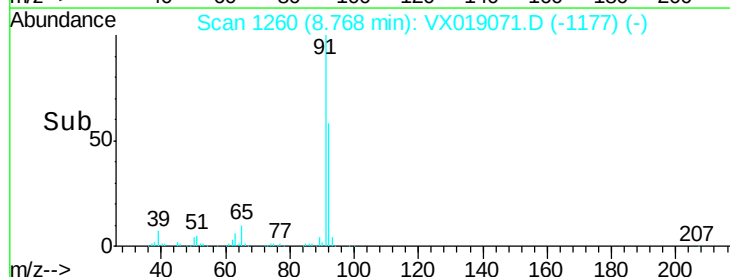
91 100

92 58.9 47.3 70.9

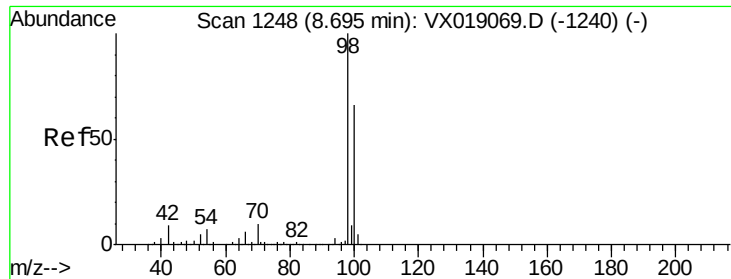


Abundance Ion 91.00 (90.70 to 91.70): VX0

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_V

ClientSampleId :

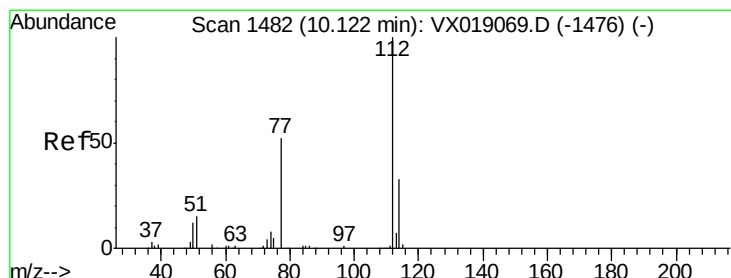
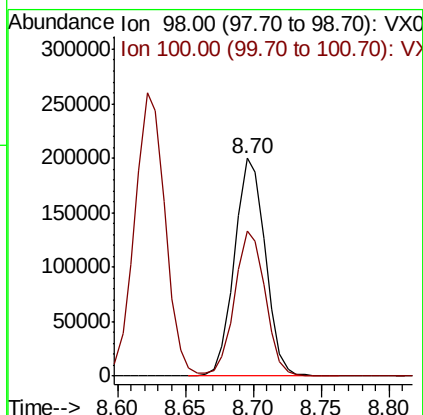
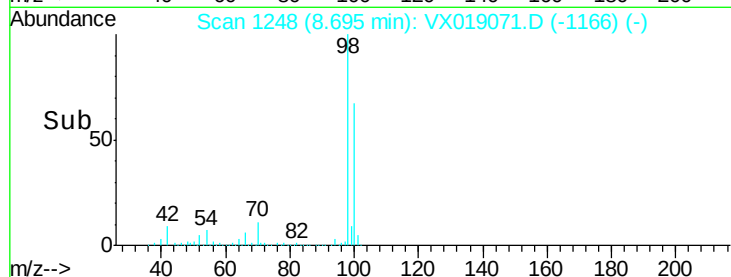
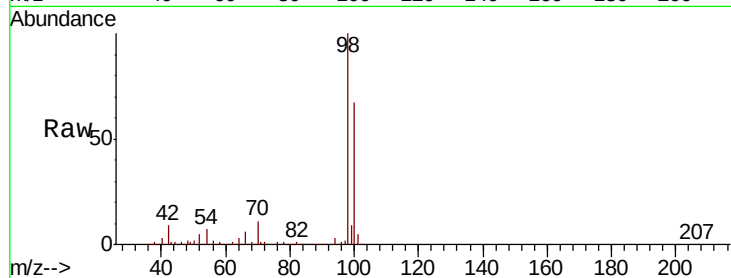
VSTDICC100

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

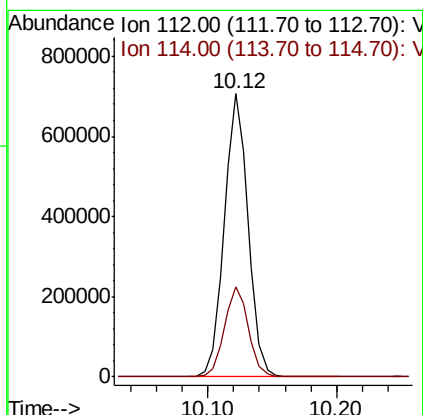
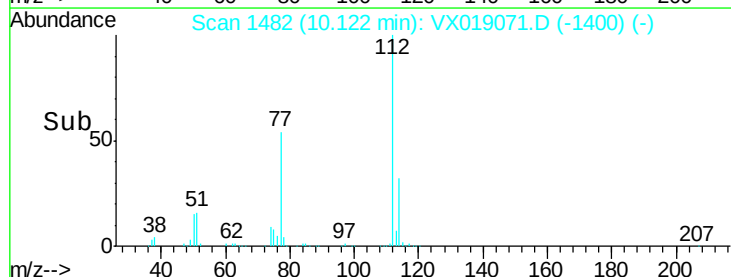
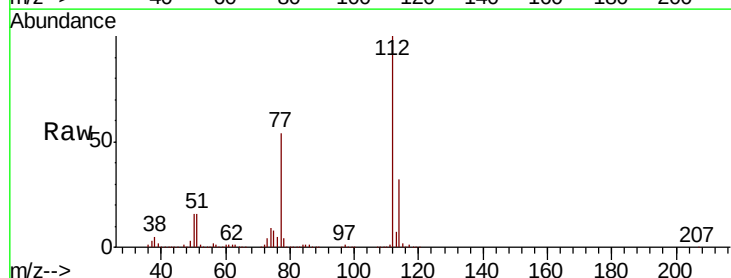
Acq: 23 Oct 2020 11:00

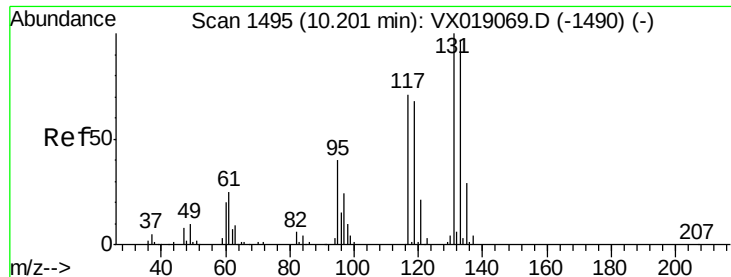
Tgt Ion: 112 Resp: 917996

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2

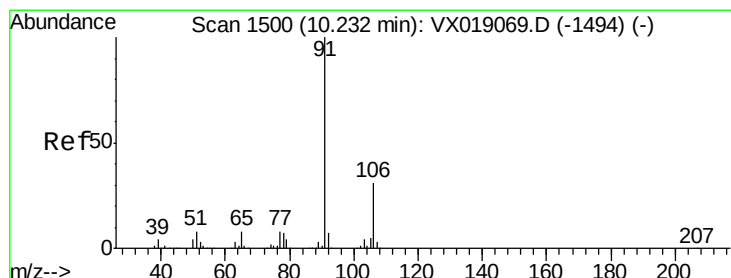
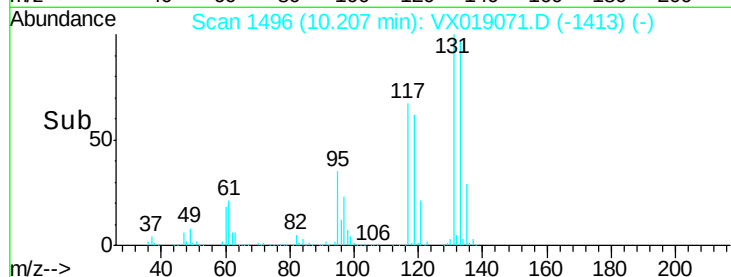
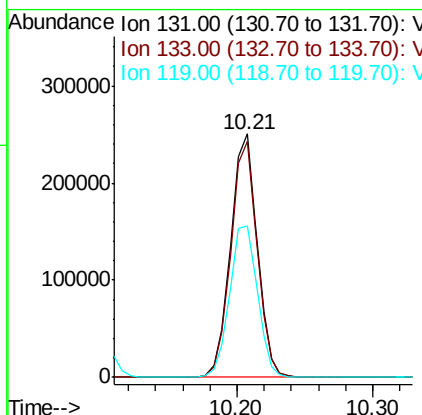
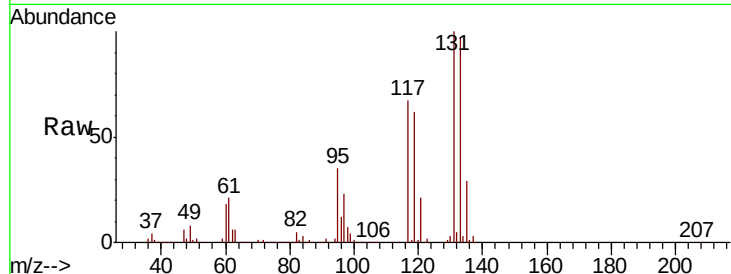




#65
 1,1,1,2-Tetrachloroethane
 Concen: 117.008 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

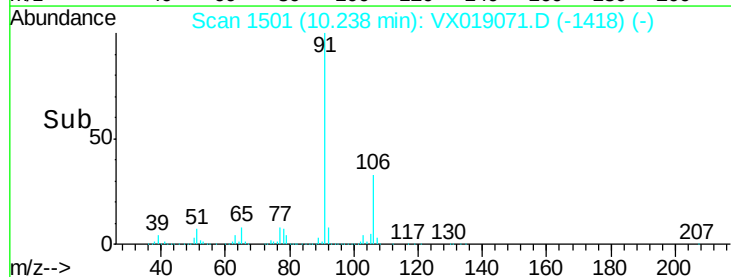
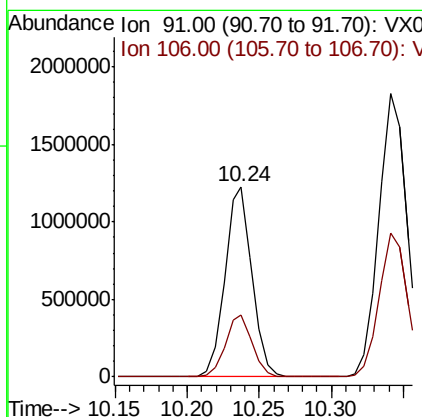
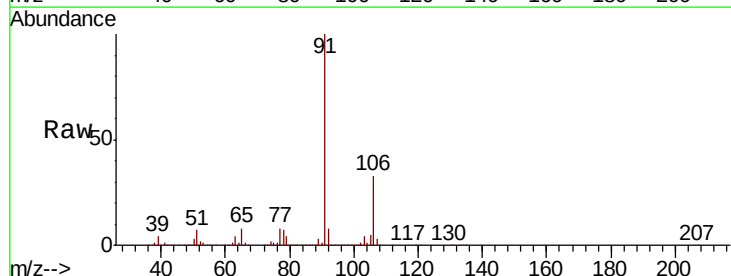
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

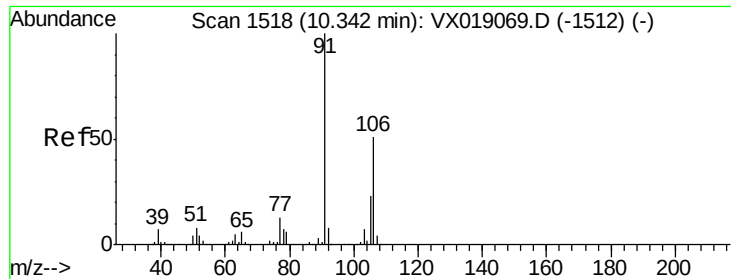
Tot Ion	Ratio	Lower	Upper
131	100		
133	96.1	0.0	191.6
119	65.6	0.0	130.0



#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	Ratio	Lower	Upper
91	100		
106	32.7	24.7	37.1

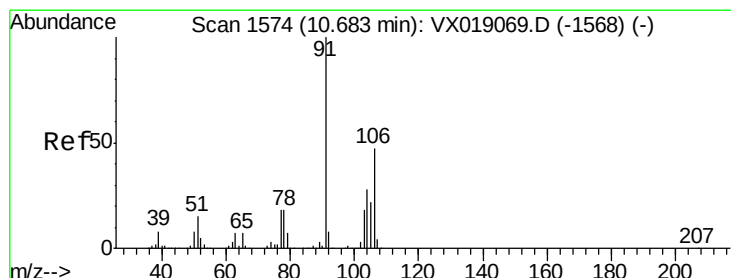
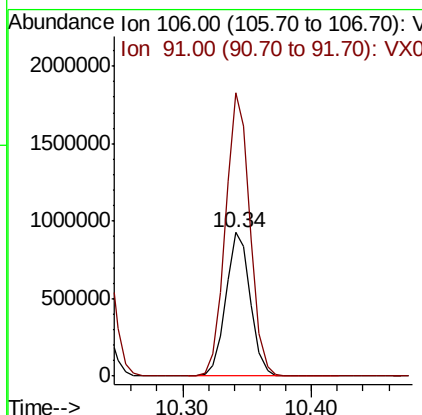
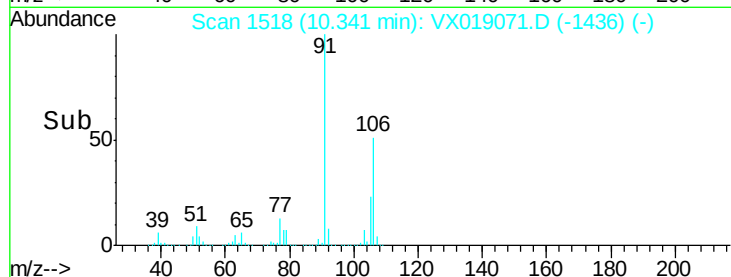
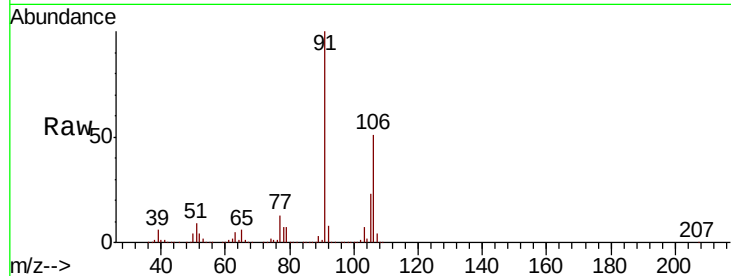




#67
m/p-Xylenes
Concen: 229.379 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

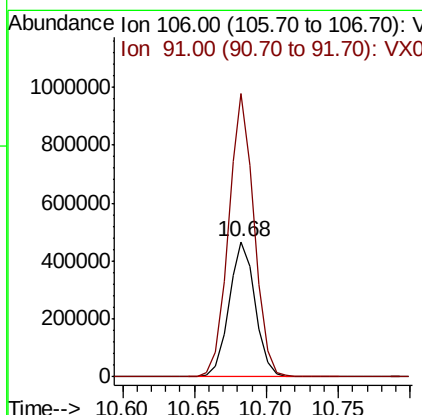
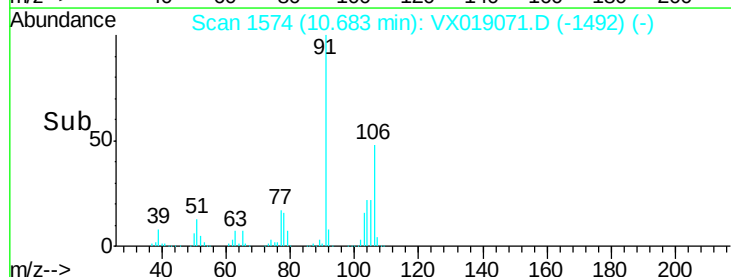
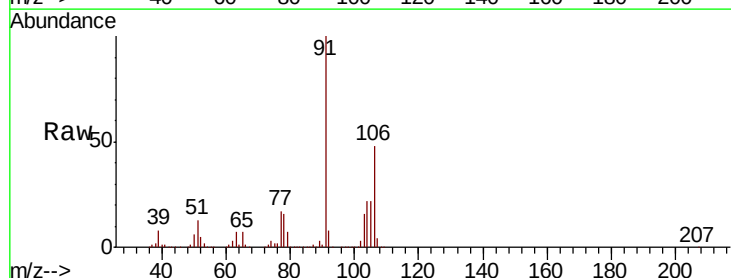
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

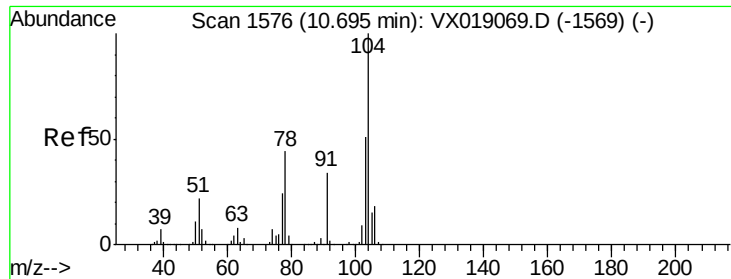
Tot Ion:106 Resp: 1235820
Ion Ratio Lower Upper
106 100
91 197.0 157.5 236.3



#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

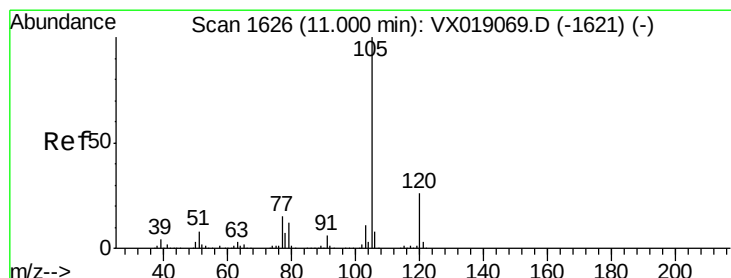
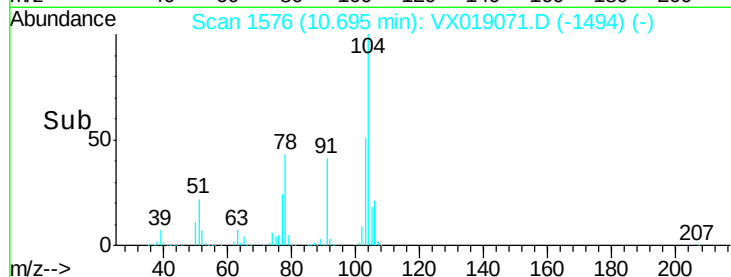
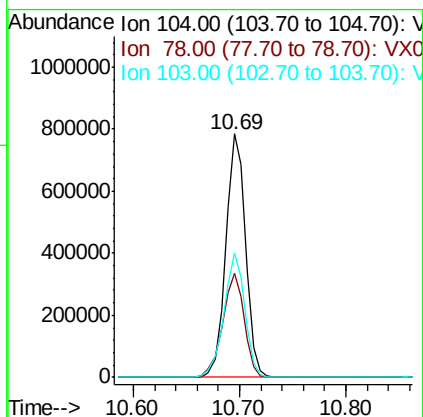
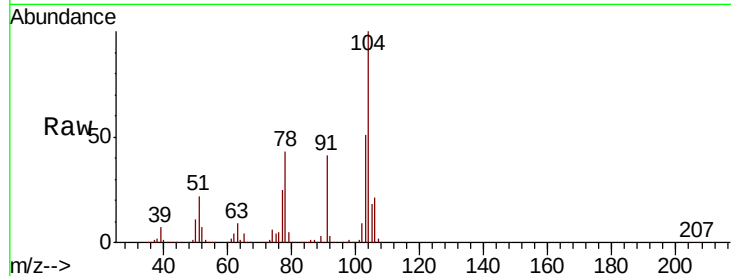




#69
Stvrene
Concen: 117.369 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

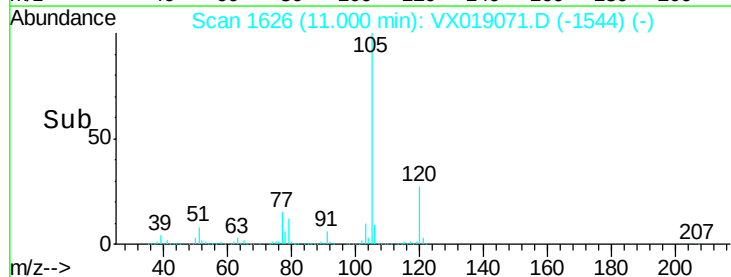
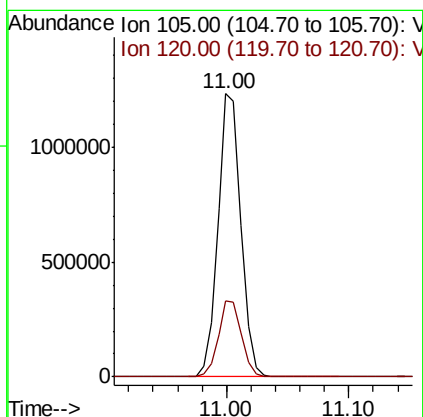
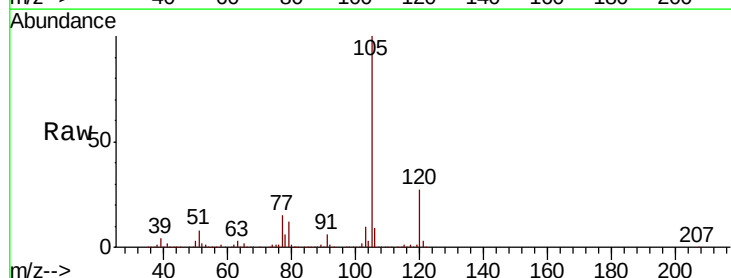
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

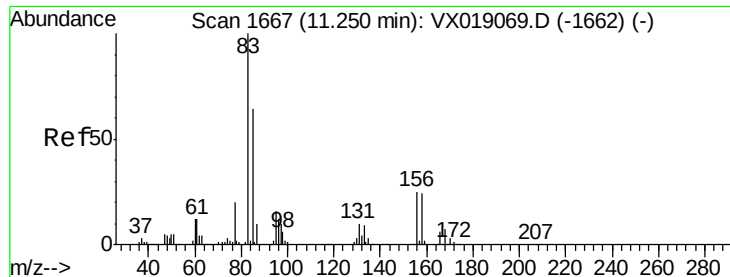
Tot Ion:104 Resp: 1016130
Ion Ratio Lower Upper
104 100
78 46.8 38.6 58.0
103 54.2 43.4 65.2



#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_V

ClientSampleId :

VSTDIC100

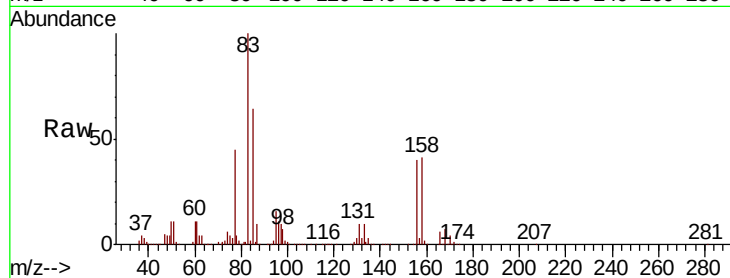
Tot Ion: 83 Resp: 453305

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

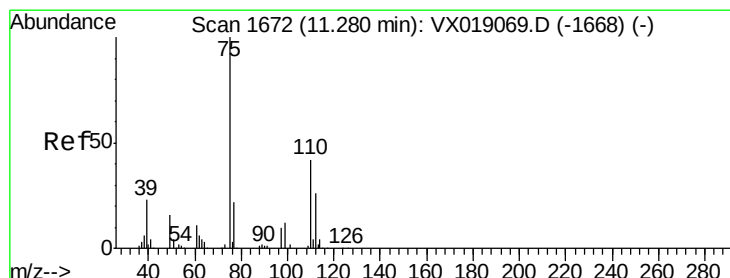
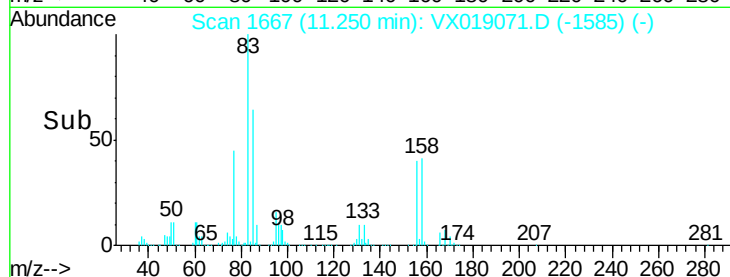
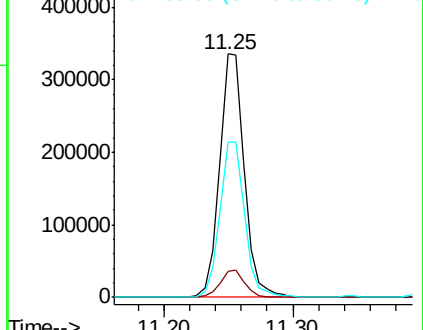
85 64.6 32.5 97.4



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

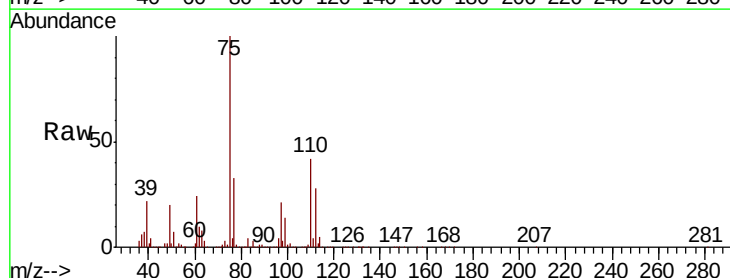
Acq: 23 Oct 2020 11:00

Tgt Ion: 75 Resp: 532826

Ion Ratio Lower Upper

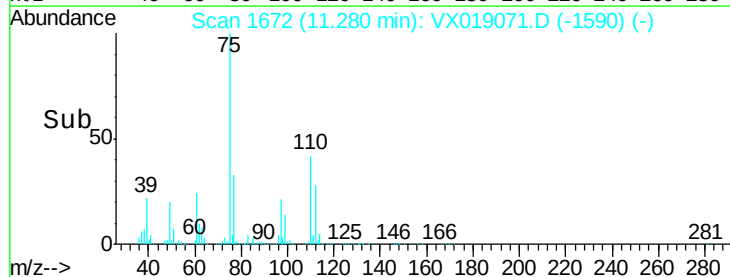
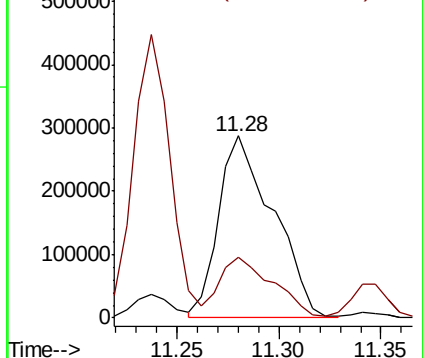
75 100

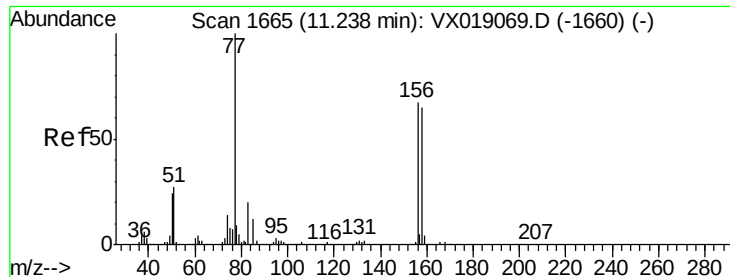
77 32.5 0.0 81.8



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_V

ClientSampleId :

VSTDIC100

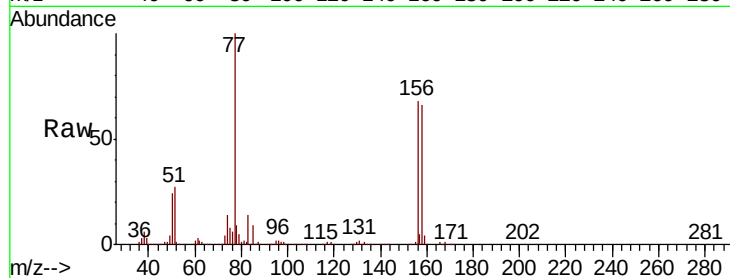
Tot Ion:156 Resp: 392363

Ion Ratio Lower Upper

156 100

77 142.8 0.0 299.6

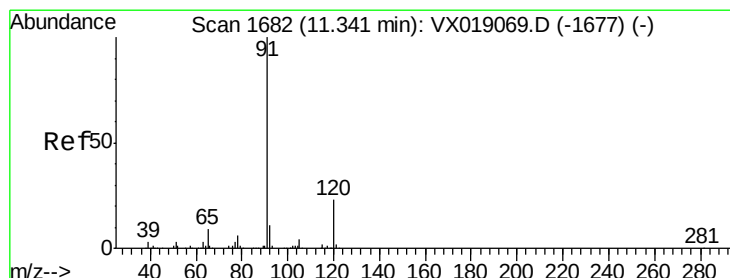
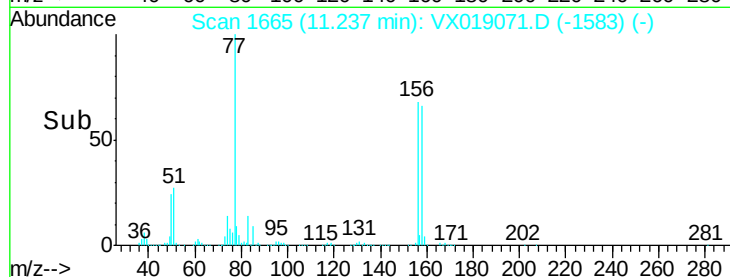
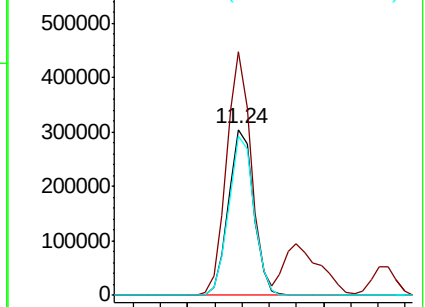
158 96.2 0.0 192.2



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

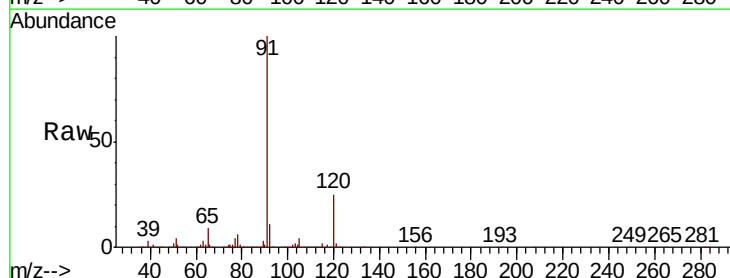
Acq: 23 Oct 2020 11:00

Tgt Ion: 91 Resp: 1783364

Ion Ratio Lower Upper

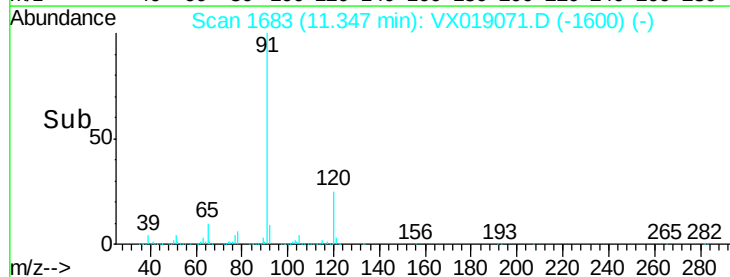
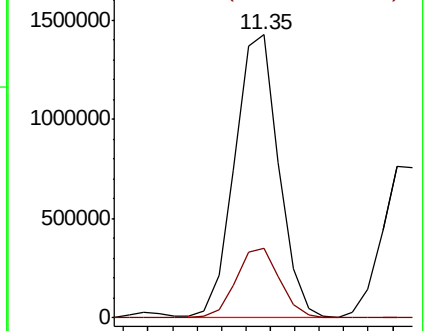
91 100

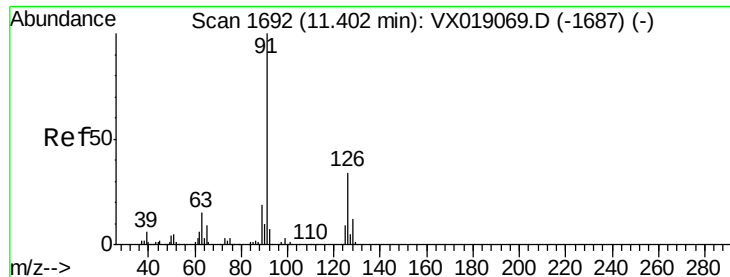
120 24.4 0.0 46.6



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_V

ClientSampleId :

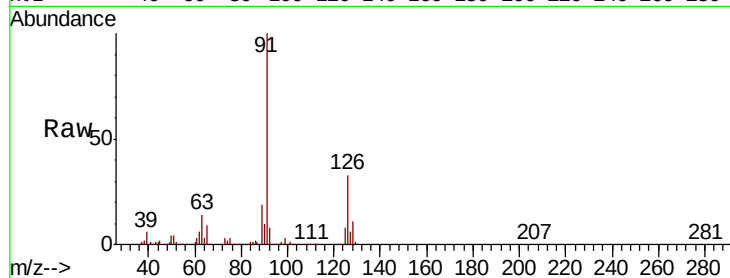
VSTDIC100

Tot Ion: 91 Resp: 1002203

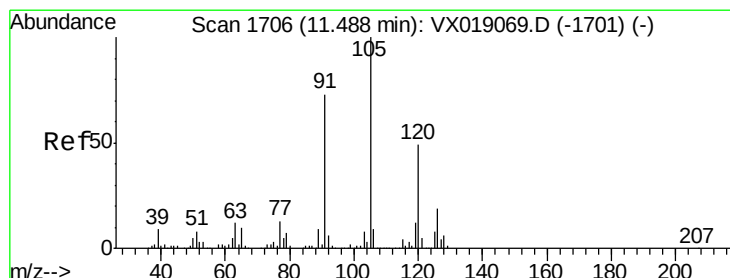
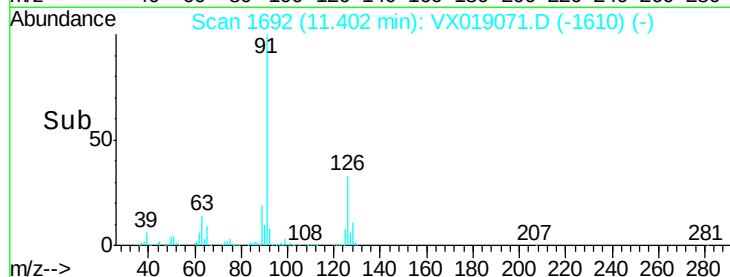
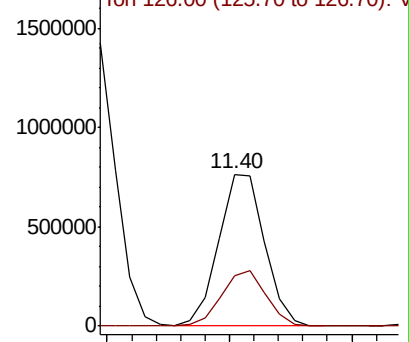
Ion Ratio Lower Upper

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

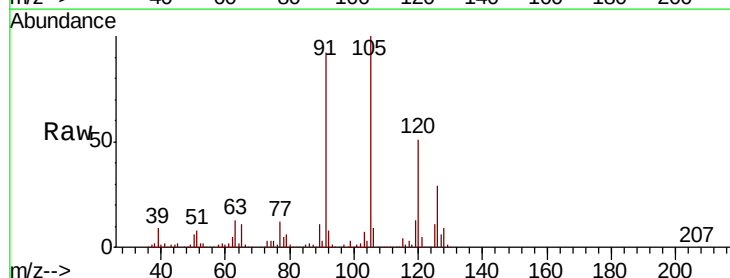
Acq: 23 Oct 2020 11:00

Tgt Ion:105 Resp: 1285754

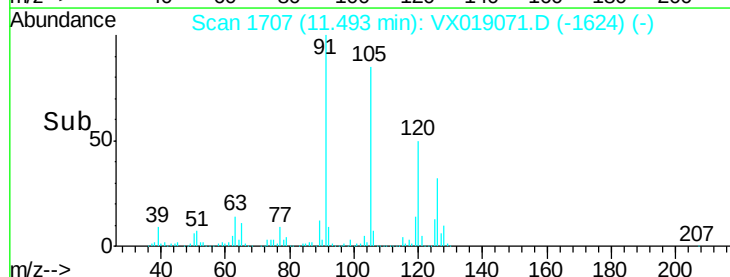
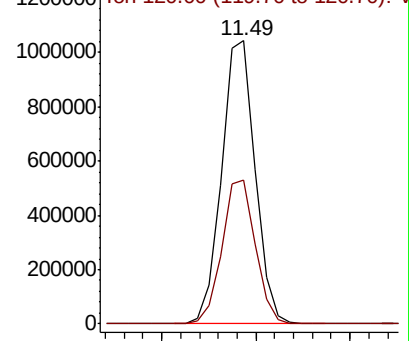
Ion Ratio Lower Upper

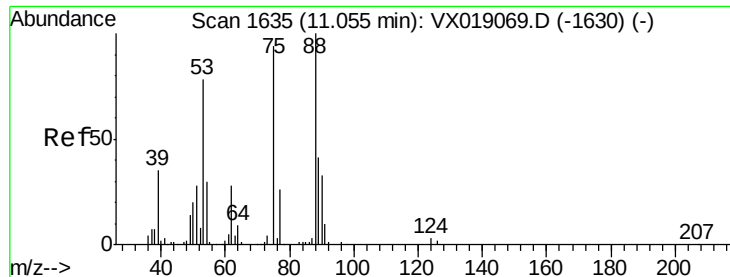
105 100

120 50.7 0.0 100.2



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

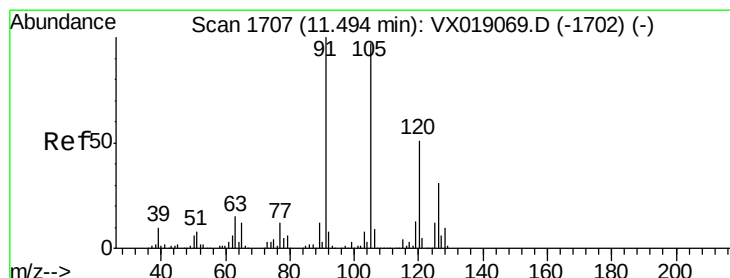
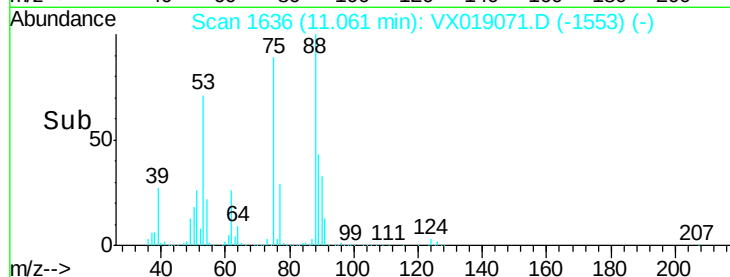
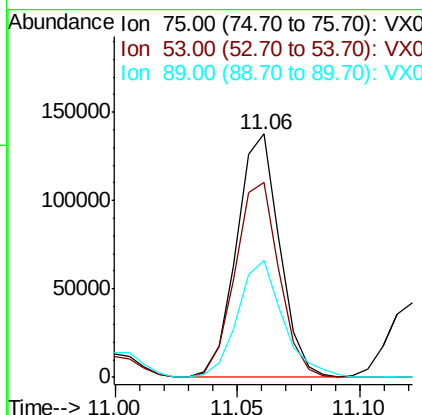
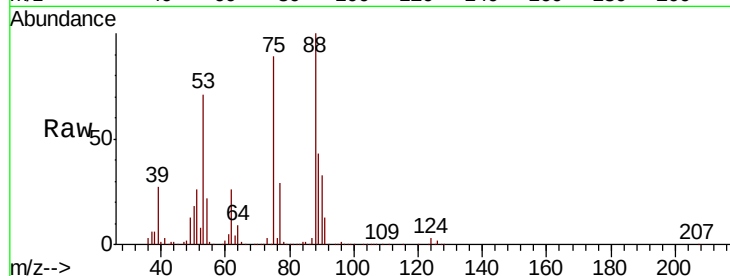




#77
t-1,4-Dichloro-2-butene
Concen: 118.198 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

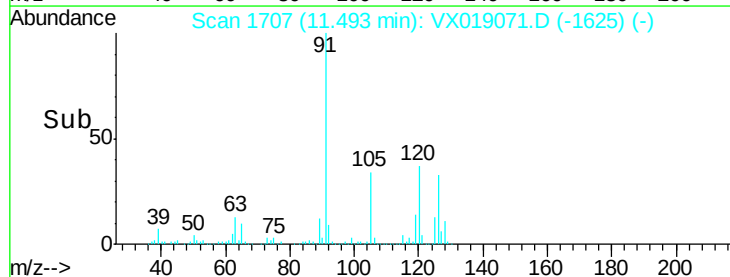
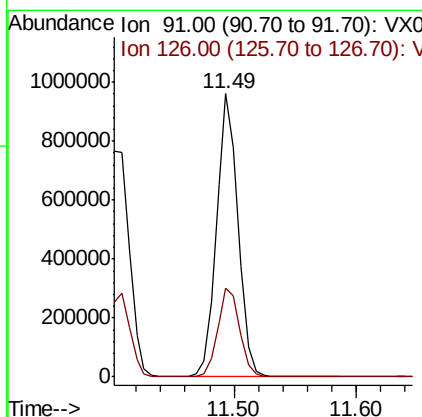
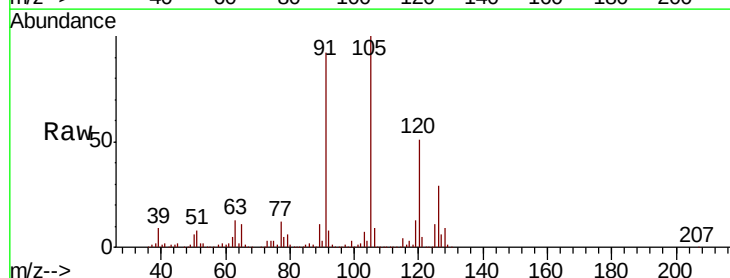
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

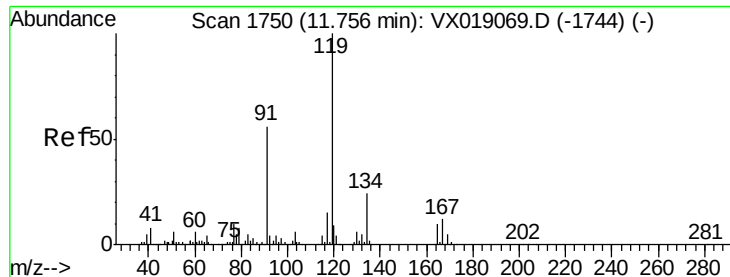
Tot Ion: 75 Resp: 168374
Ion Ratio Lower Upper
75 100
53 79.8 41.6 124.8
89 48.2 21.8 65.3



#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

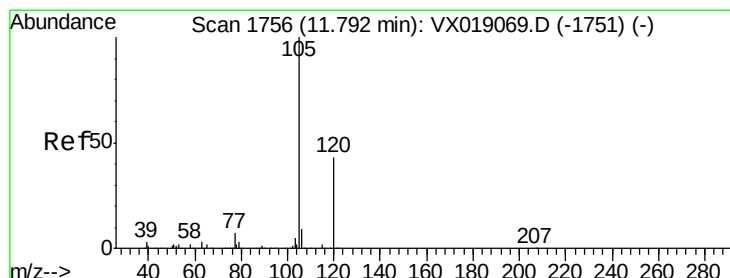
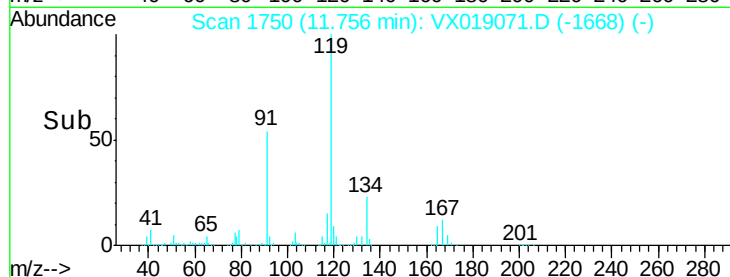
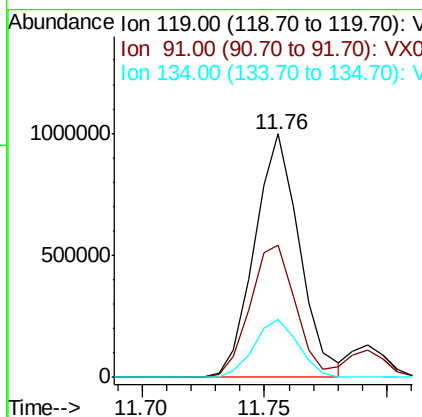
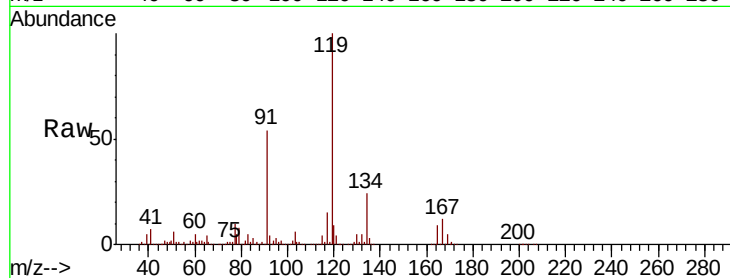




#79
tert-butylbenzene
Concen: 115.446 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019071.D
Acq: 23 Oct 2020 11:00

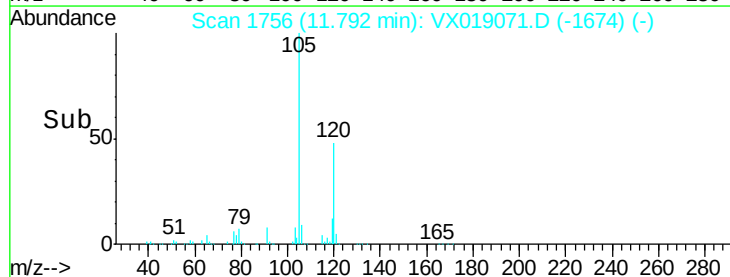
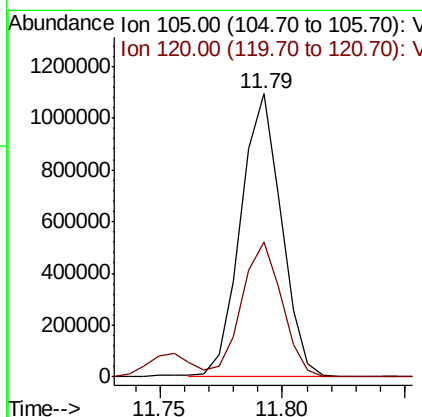
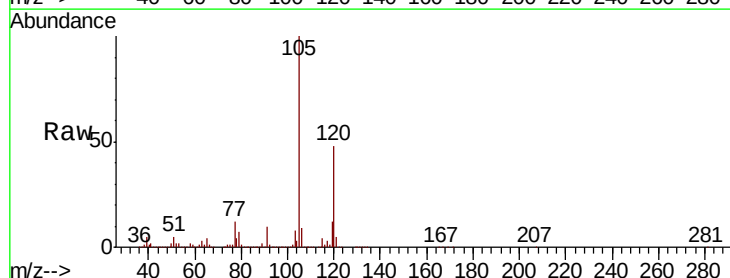
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

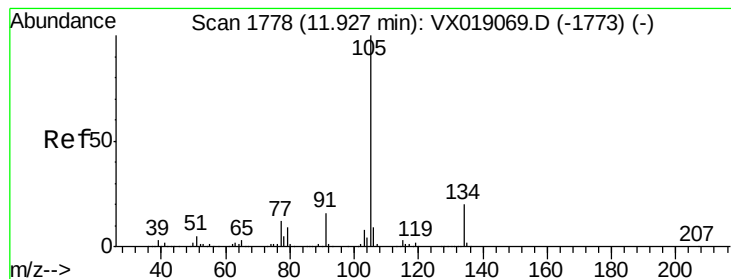
Tot Ion:119 Resp: 1274529
Ion Ratio Lower Upper
119 100
91 54.6 0.0 111.4
134 23.6 0.0 47.2



#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_V

ClientSampleId :

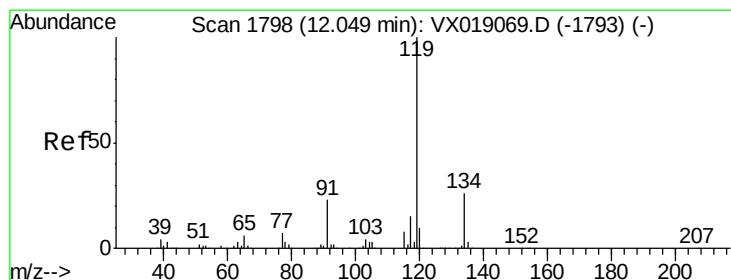
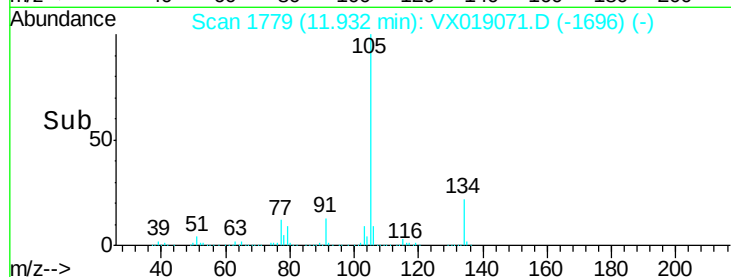
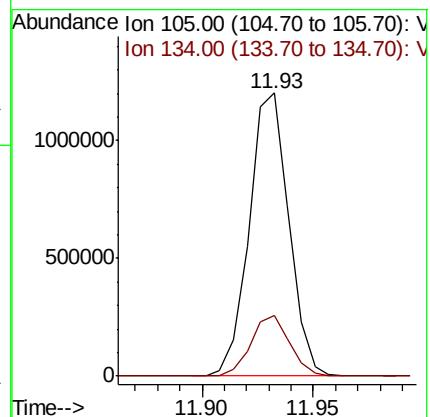
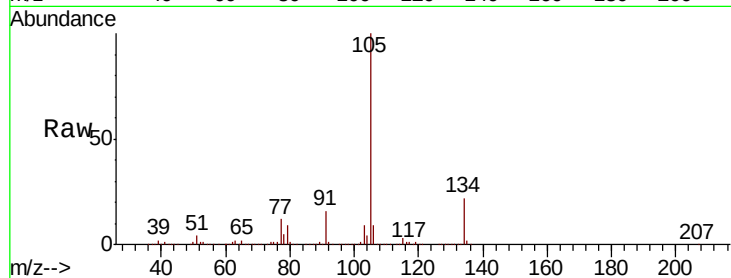
VSTDIC100

Tot Ion:105 Resp: 1491656

Ion Ratio Lower Upper

105 100

134 21.1 0.0 40.8



#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

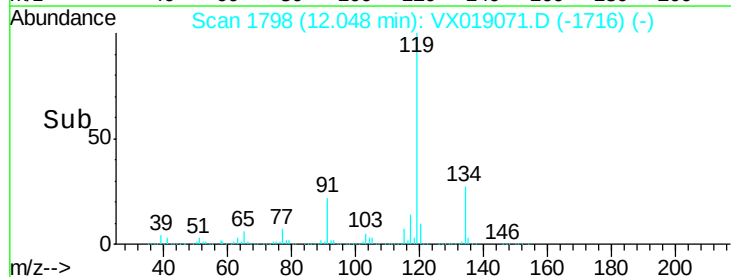
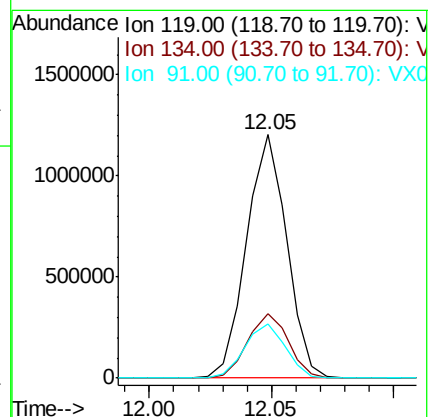
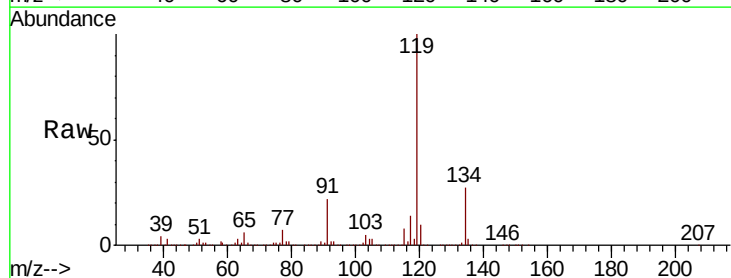
Tgt Ion:119 Resp: 1377155

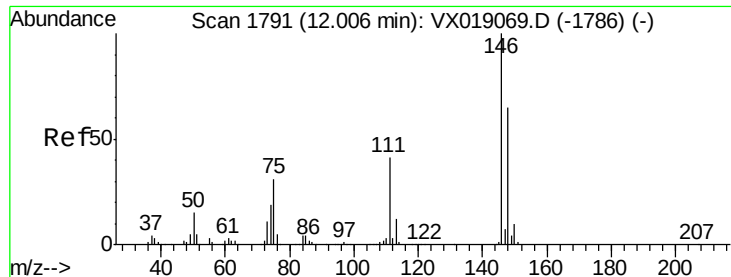
Ion Ratio Lower Upper

119 100

134 26.9 0.0 52.0

91 22.7 0.0 45.6

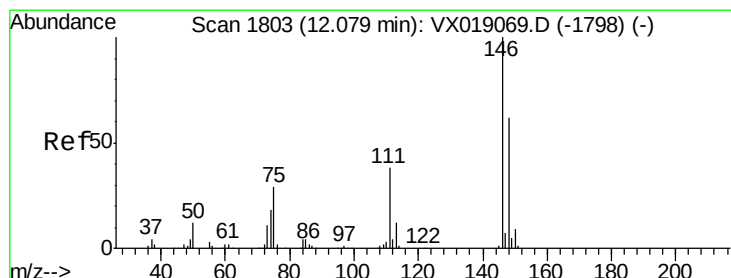
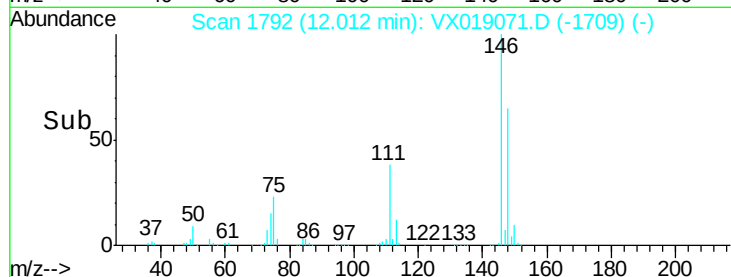
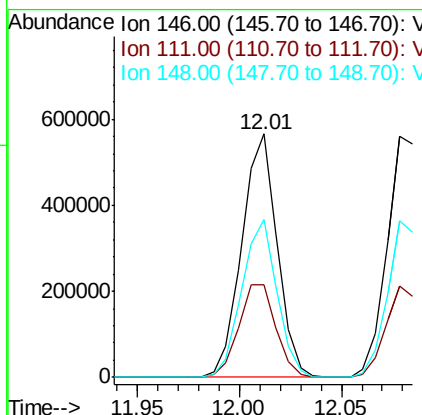
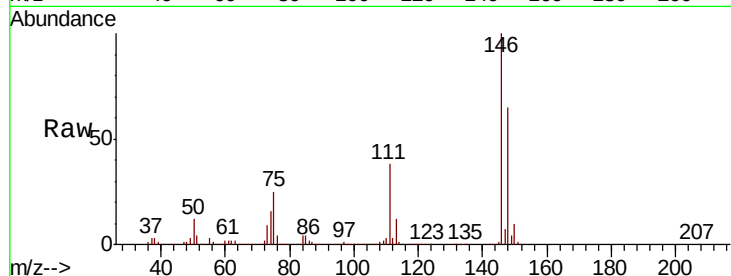




#83
 1,3-Dichlorobenzene
 Concen: 112.949 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

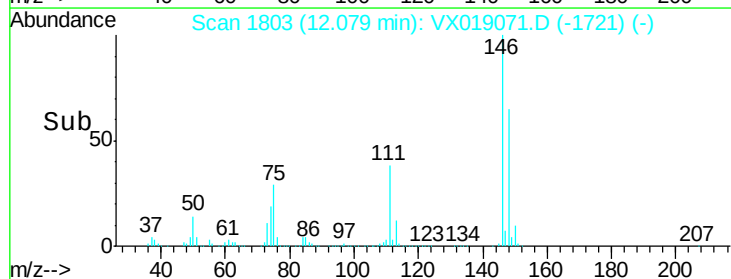
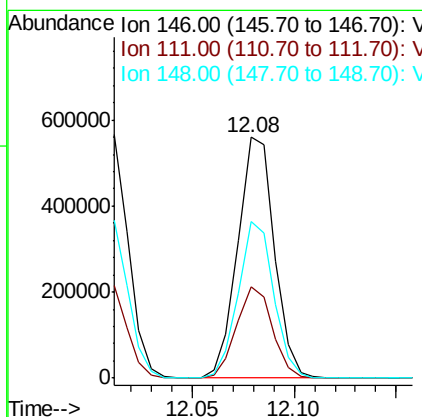
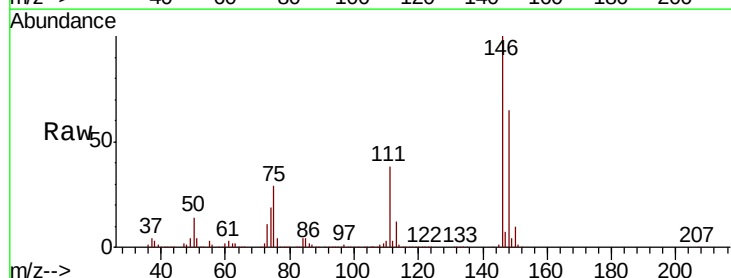
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

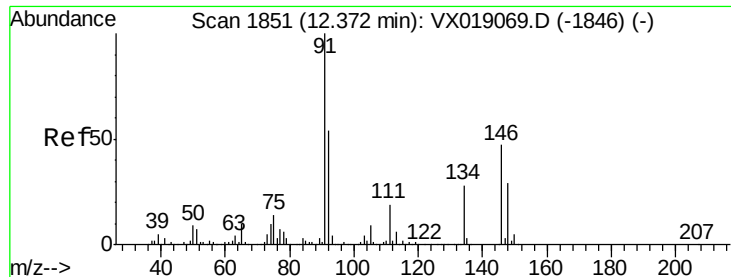
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.4	32.2	96.6



#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_V

ClientSampleId :

VSTDIC100

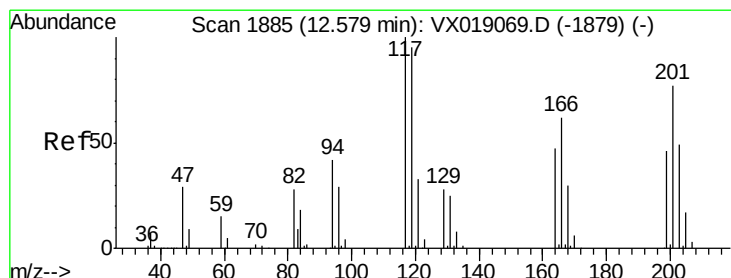
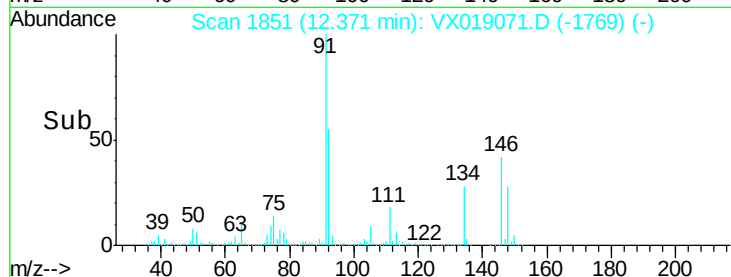
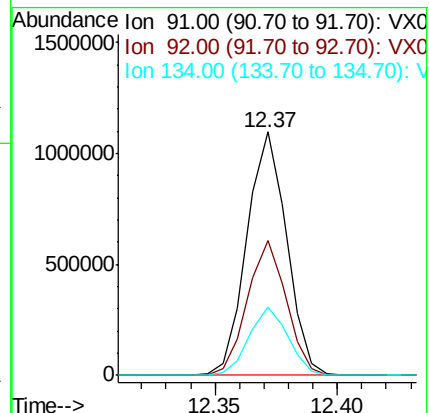
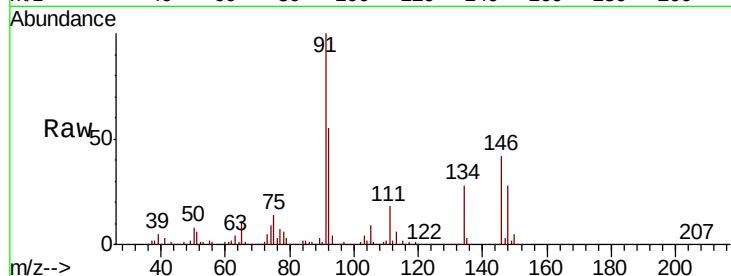
Tot Ion: 91 Resp: 1240733

Ion Ratio Lower Upper

91 100

92 54.5 0.0 107.4

134 27.7 0.0 54.6



#86

Hexachloroethane

Concen: 117.740 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019071.D

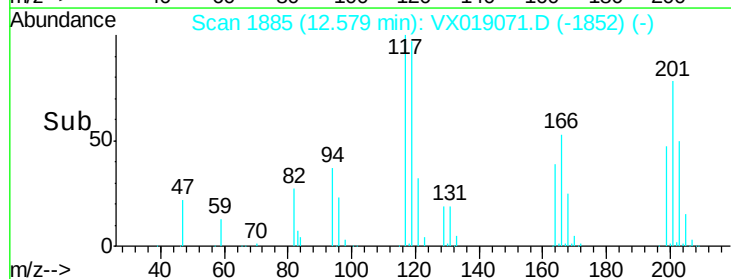
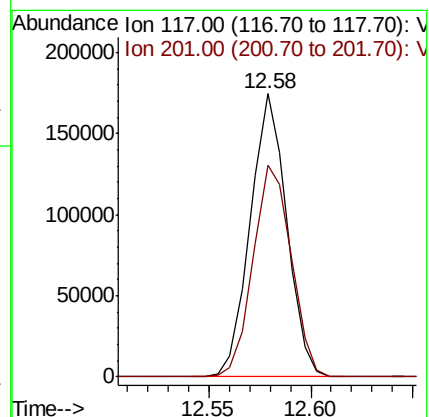
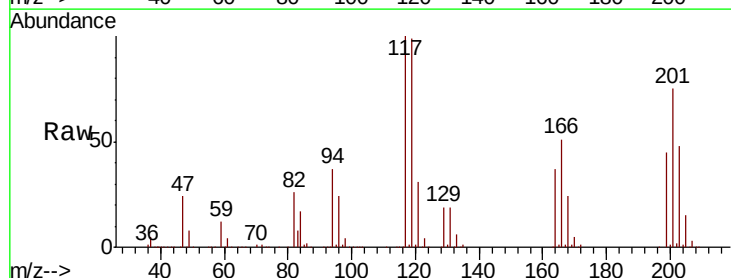
Acq: 23 Oct 2020 11:00

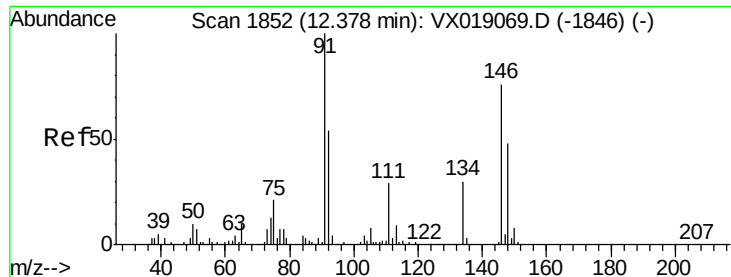
Tgt Ion: 117 Resp: 217719

Ion Ratio Lower Upper

117 100

201 78.1 38.4 115.1

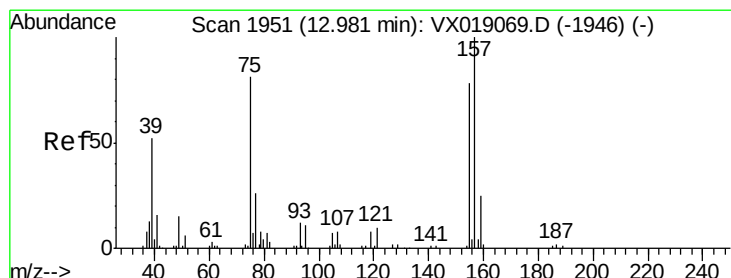
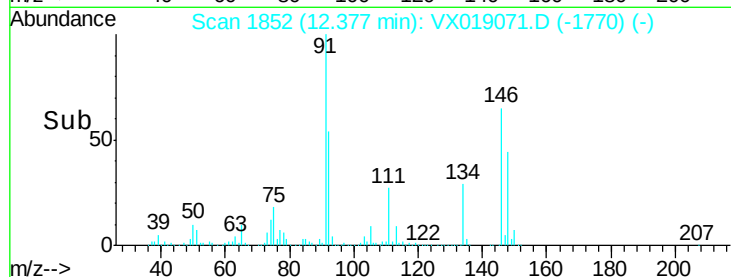
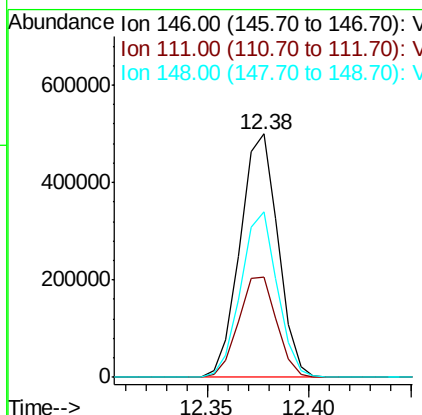
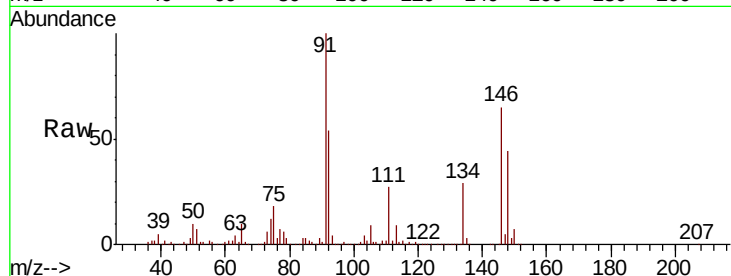




#87
 1,2-Dichlorobenzene
 Concen: 111.850 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

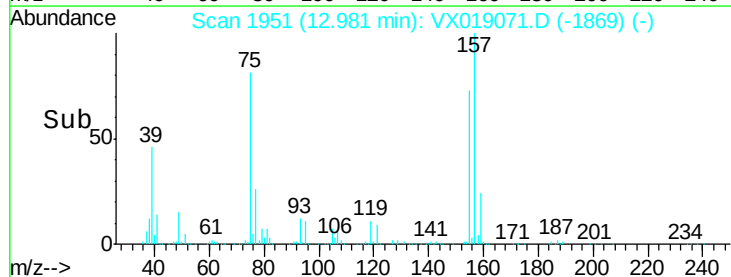
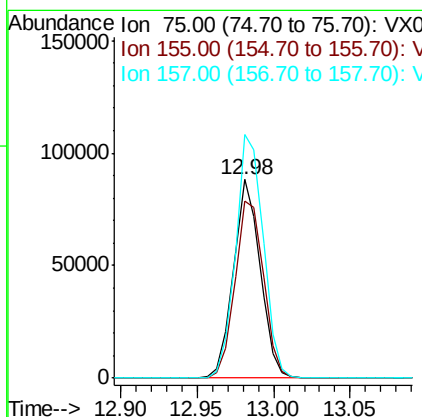
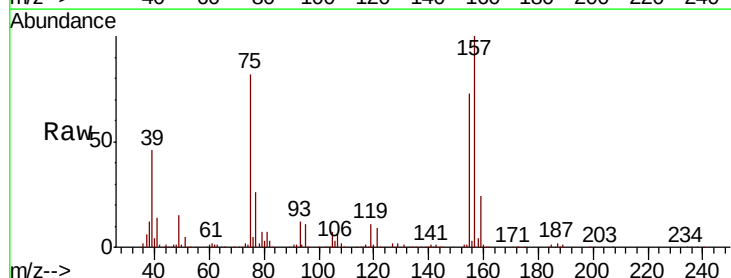
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

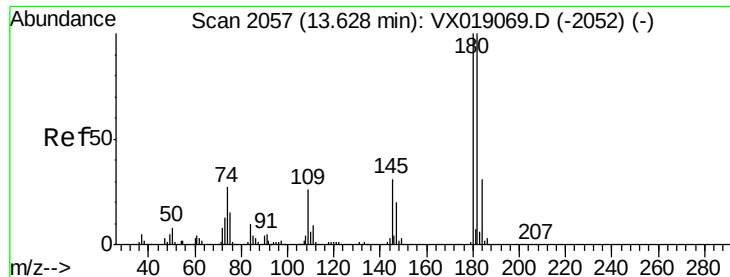
Tot Ion:146 Resp: 646226
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 65.3 32.1 96.5



#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

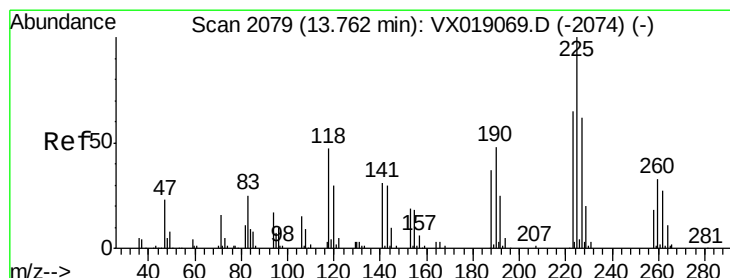
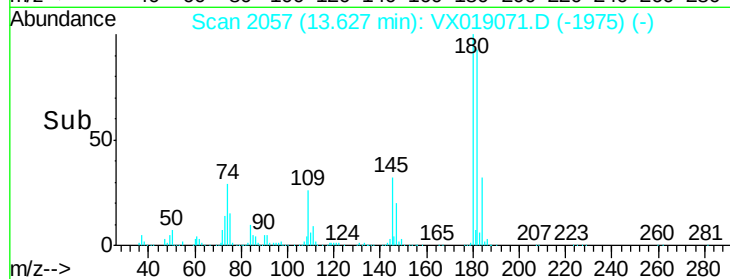
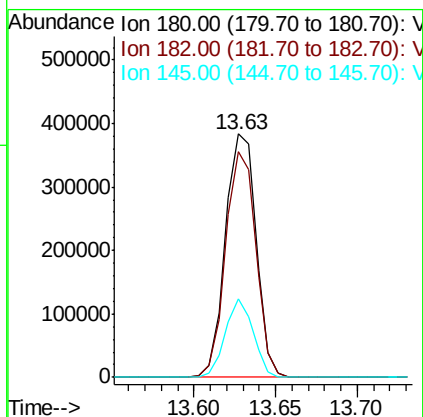
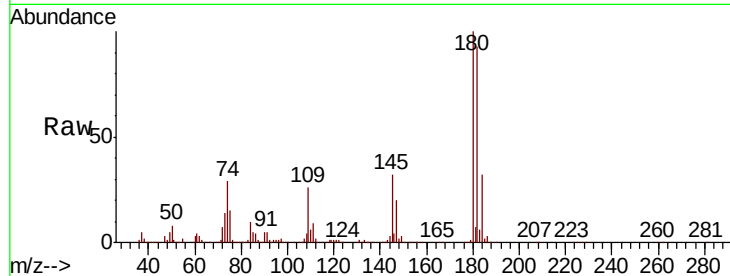




#89
 1,2,4-Trichlorobenzene
 Concen: 120.801 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019071.D
 Acq: 23 Oct 2020 11:00

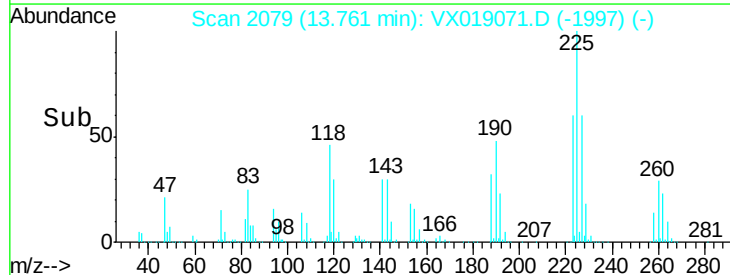
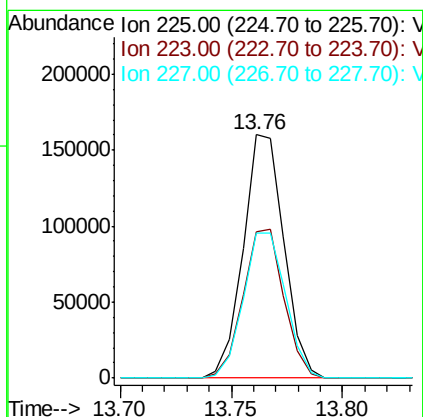
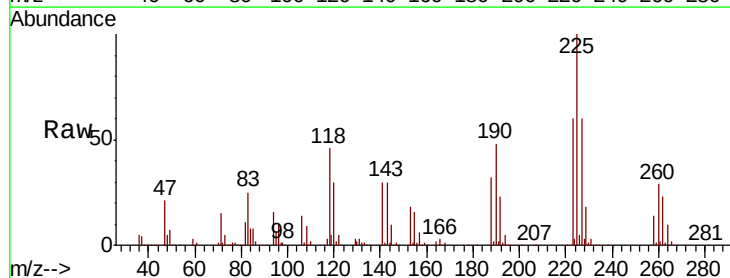
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

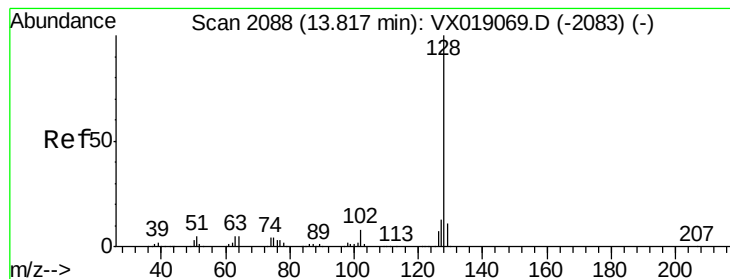
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	76.5	114.7
145	29.4	24.2	36.4



#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	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 :

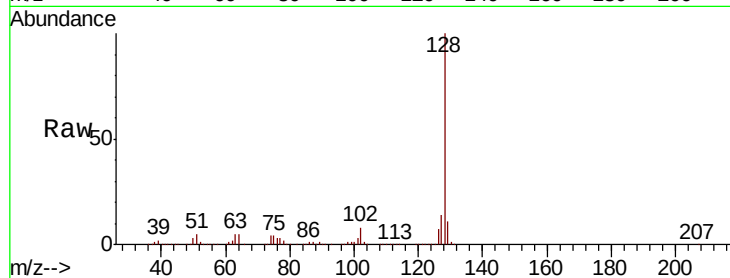
MSVOA_V

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1609945

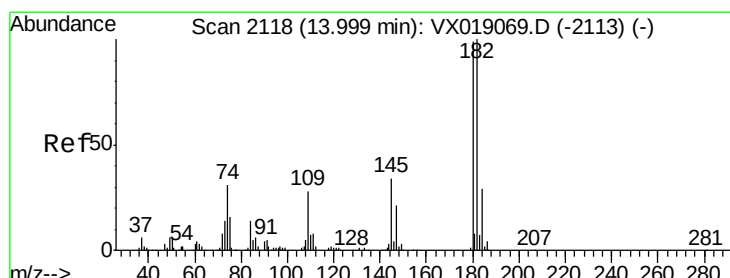
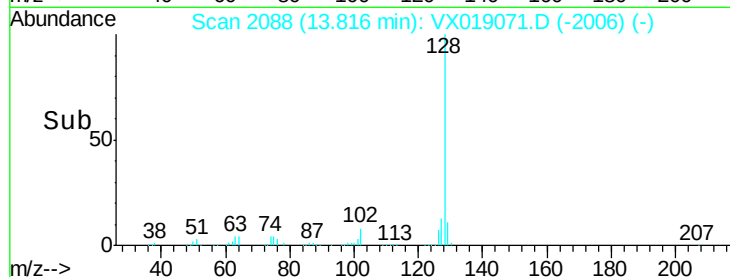
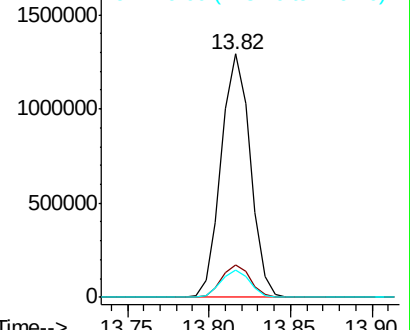
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.0	8.9	13.3



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

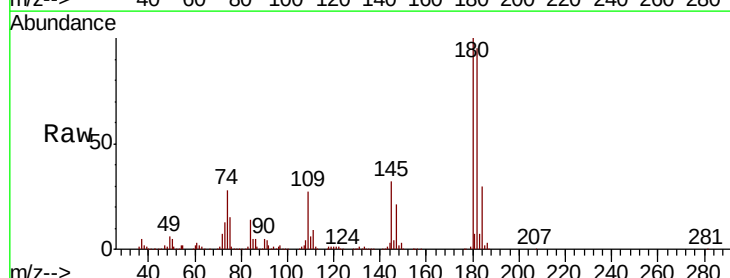
Delta R.T. -0.00 min

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

