

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033893.D
 Acq On : 25 Jan 2023 17:21
 Operator : JC/MD
 Sample : 01308-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:02:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

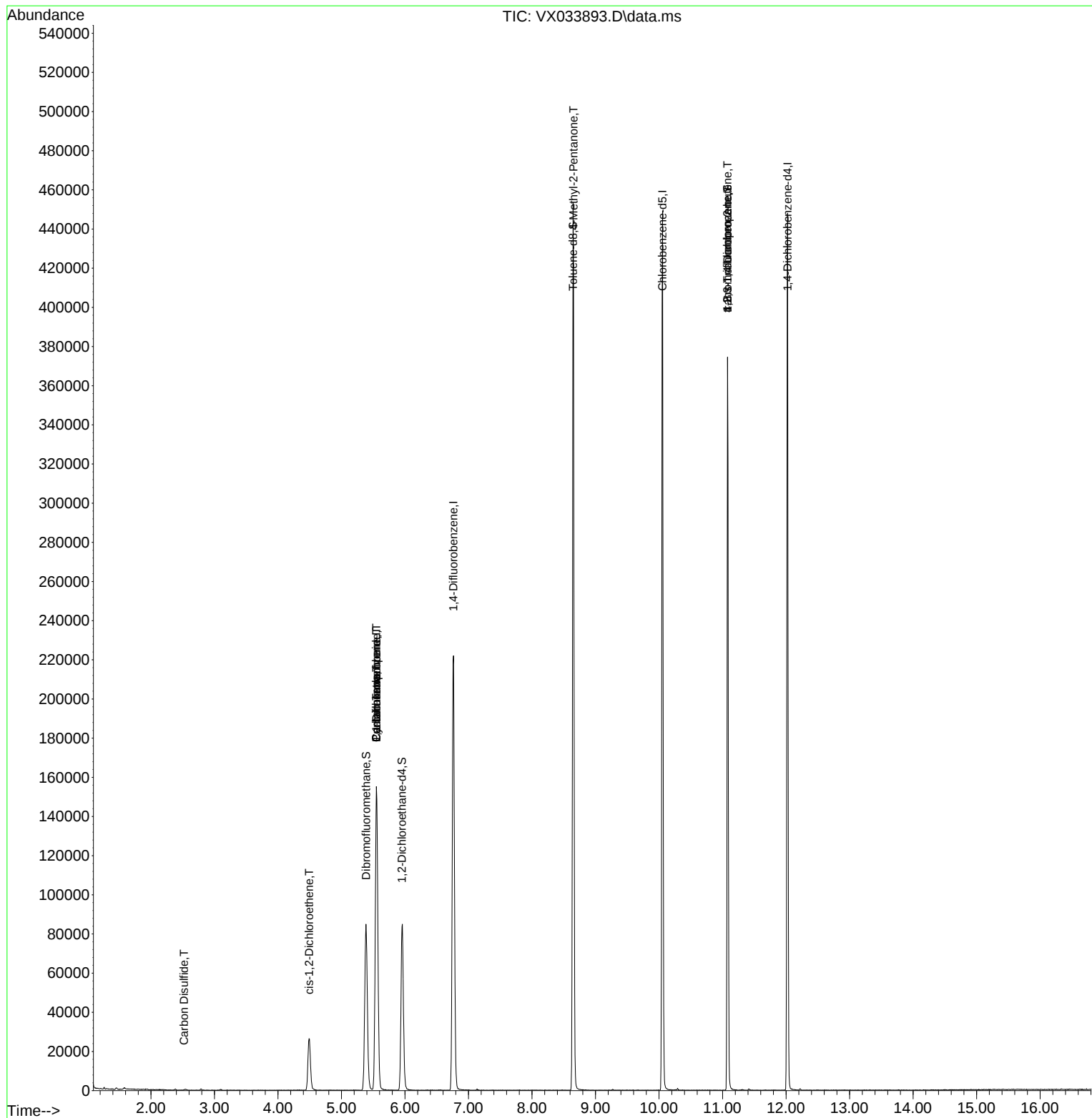
Internal Standards						
1) Pentafluorobenzene	5.550	168	169172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80558	45.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.460%
35) Dibromofluoromethane	5.385	113	74036	48.886	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	8.647	98	275635	49.952	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.900%
62) 4-Bromofluorobenzene	11.079	95	96049	46.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.760%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	543	Below Cal		96
17) Carbon Disulfide	2.520	76	160	1.867 ug/l	#	76
20) Methylene Chloride	2.794	84	250	Below Cal	#	62
27) cis-1,2-Dichloroethene	4.489	96	18684	10.099 ug/l		86
31) Cyclohexane	5.550	56	2608	0.995 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	9741	4.407 ug/l	#	49
38) Carbon Tetrachloride	5.550	117	14069	6.146 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.653	43	1079	0.504 ug/l	#	1
73) Isopropylbenzene	11.085	105	87	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	43819	22.834 ug/l	#	34
79) 2-Chlorotoluene	11.299	91	26	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43819	70.964 ug/l	#	8
82) 4-Chlorotoluene	11.457	91	18	Below Cal	#	43

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

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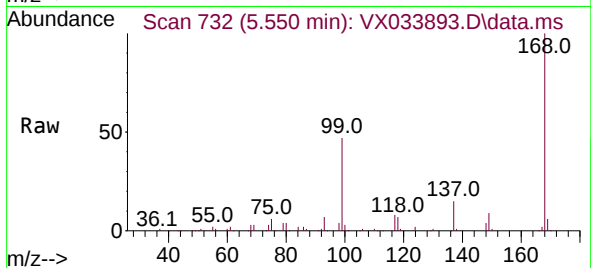
Quant Time: Jan 26 06:02:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



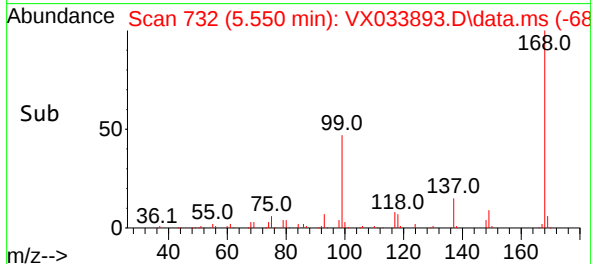
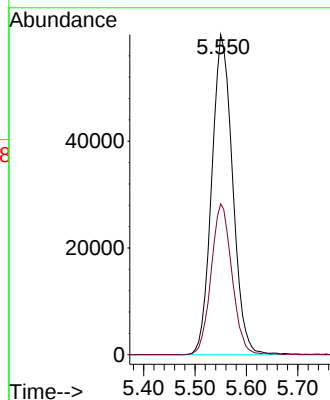


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :

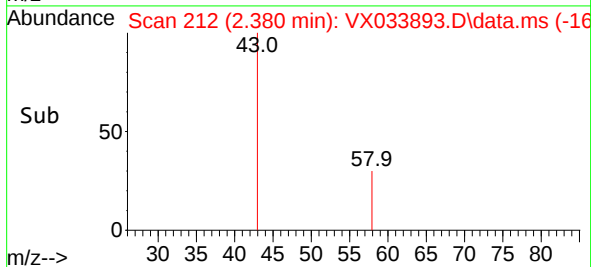
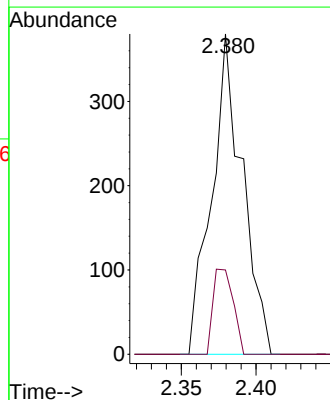
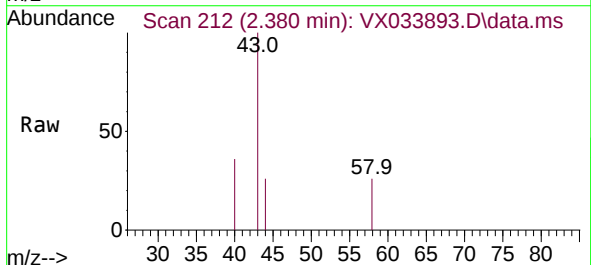


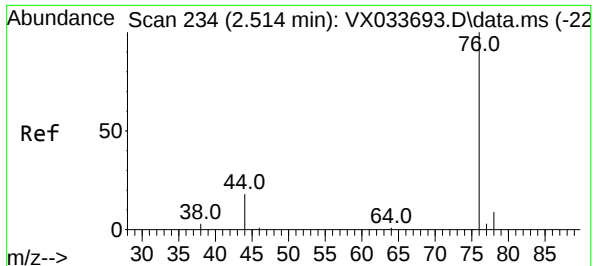
Tgt Ion:168 Resp: 169172
Ion Ratio Lower Upper
168 100
99 47.1 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 26.3 22.6 33.8





#17

Carbon Disulfide

Concen: 1.867 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

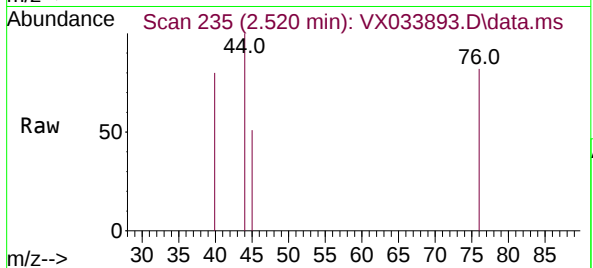
Lab File: VX033893.D

Acq: 25 Jan 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :

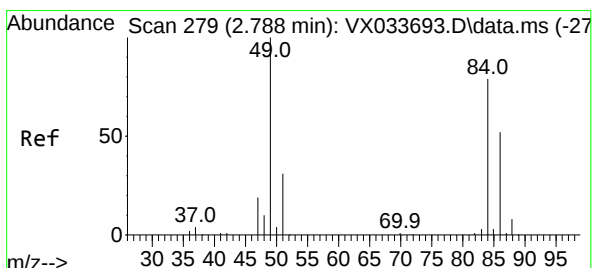
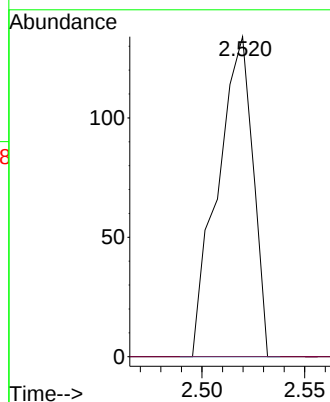


Tgt Ion: 76 Resp: 160

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033893.D

Acq: 25 Jan 2023 17:21

Tgt Ion: 84 Resp: 250

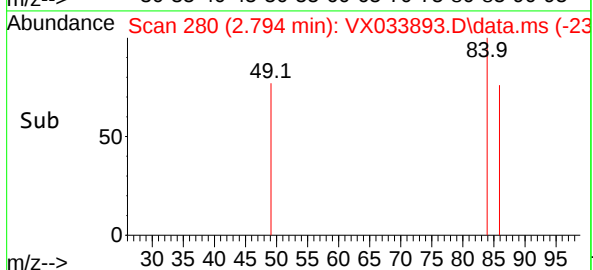
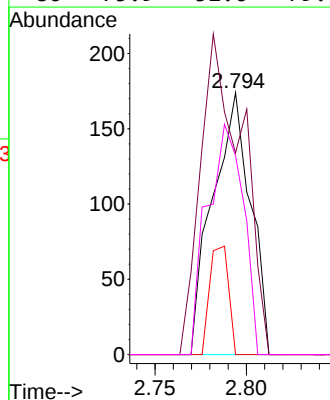
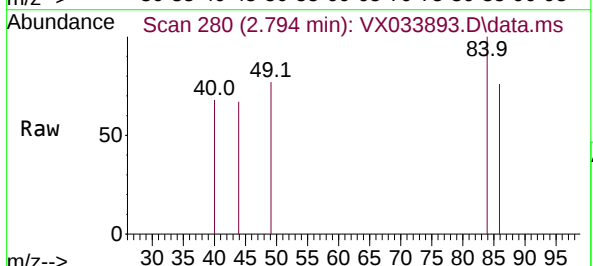
Ion Ratio Lower Upper

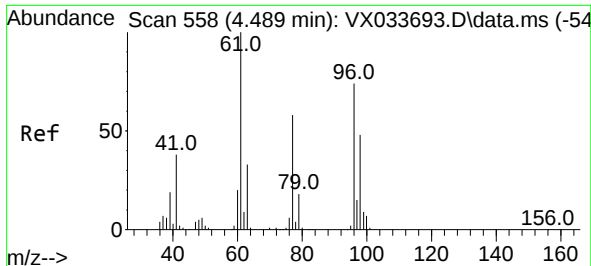
84 100

49 77.0 101.1 151.7#

51 0.0 31.0 46.6#

86 75.9 52.6 79.0





#27

cis-1,2-Dichloroethene

Concen: 10.099 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

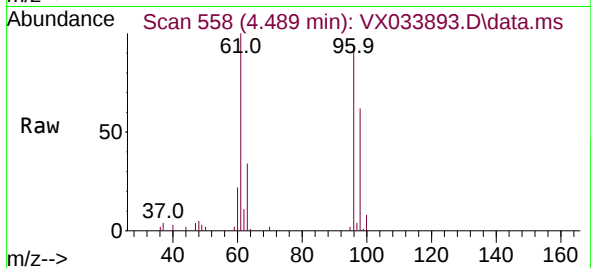
Lab File: VX033893.D

Acq: 25 Jan 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :



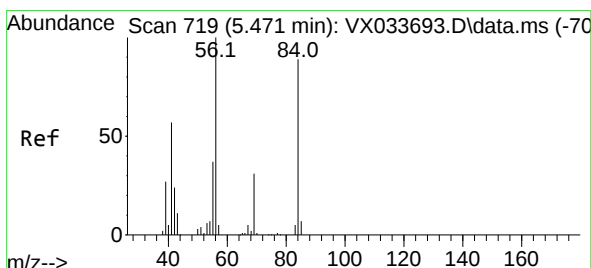
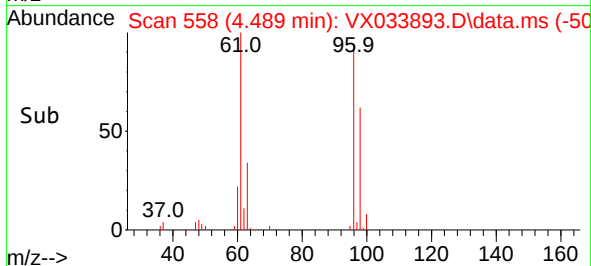
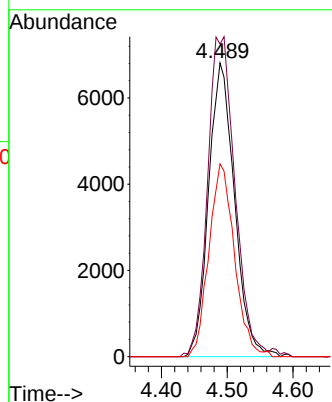
Tgt Ion: 96 Resp: 18684

Ion Ratio Lower Upper

96 100

61 115.1 0.0 277.6

98 64.7 0.0 128.0



#31

Cyclohexane

Concen: 0.995 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033893.D

Acq: 25 Jan 2023 17:21

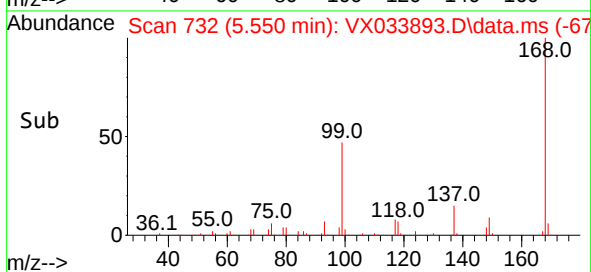
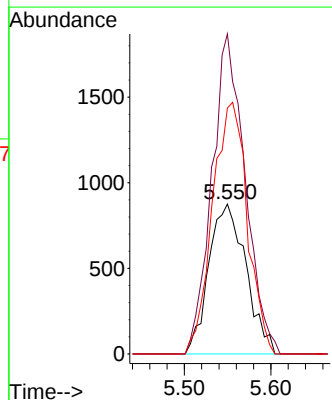
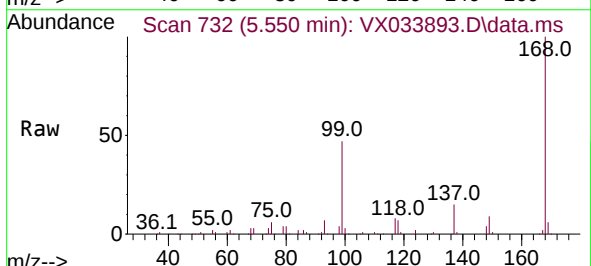
Tgt Ion: 56 Resp: 2608

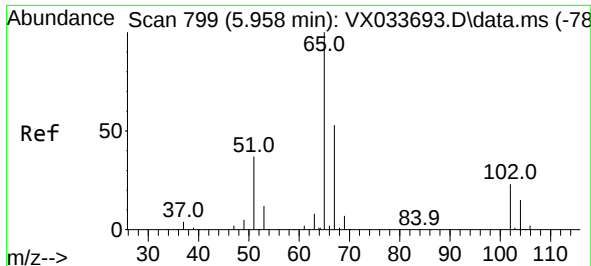
Ion Ratio Lower Upper

56 100

69 213.4 24.6 37.0#

84 163.9 71.0 106.6#

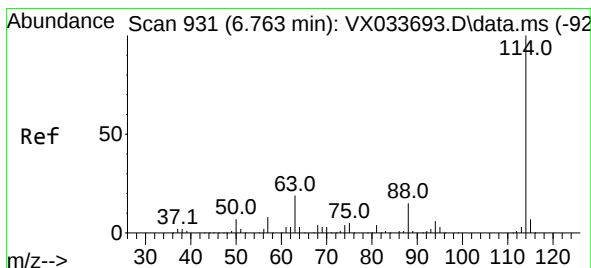
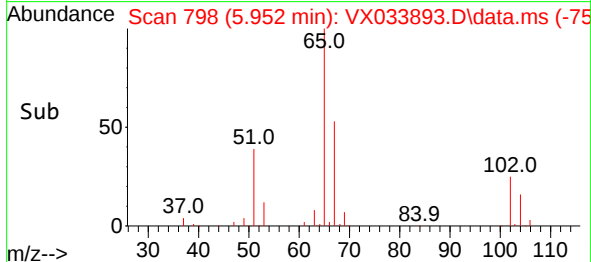
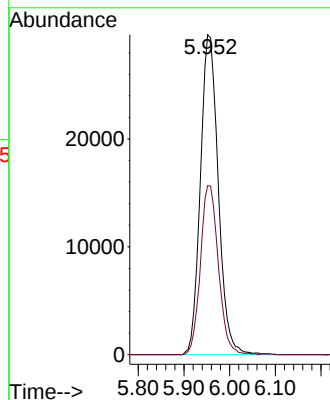
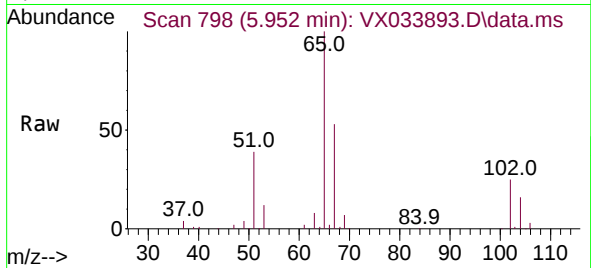




#33
1,2-Dichloroethane-d4
Concen: 45.226 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

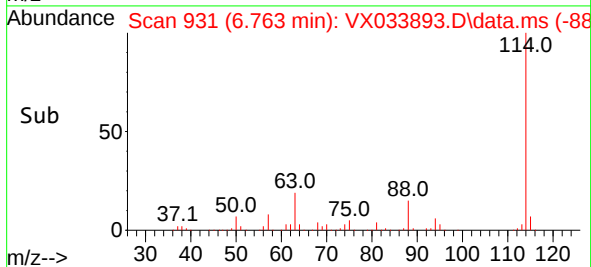
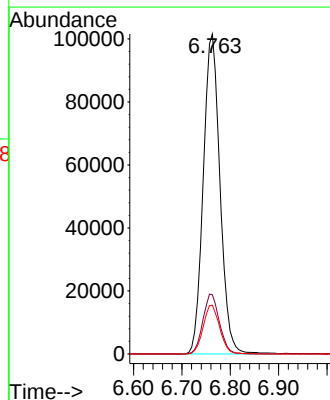
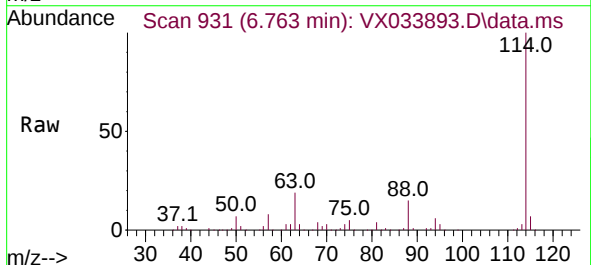
Instrument :
MSVOA_X
ClientSampleId :

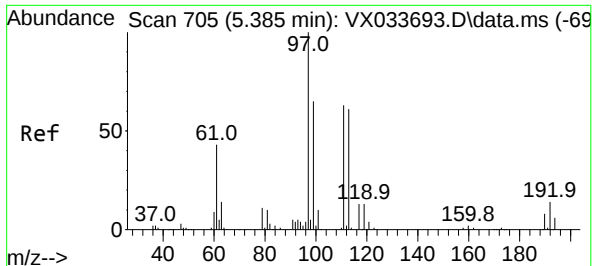
Tgt Ion: 65 Resp: 80558
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

Tgt Ion: 114 Resp: 243897
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.4
88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.886 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

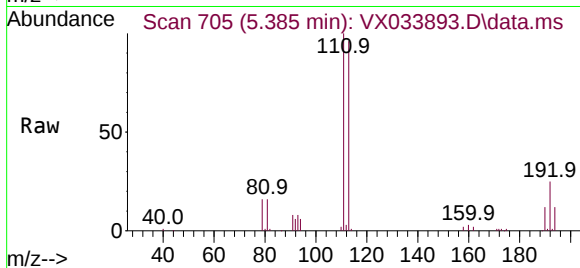
Lab File: VX033893.D

Acq: 25 Jan 2023 17:21

Instrument :

MSVOA_X

ClientSampleId :



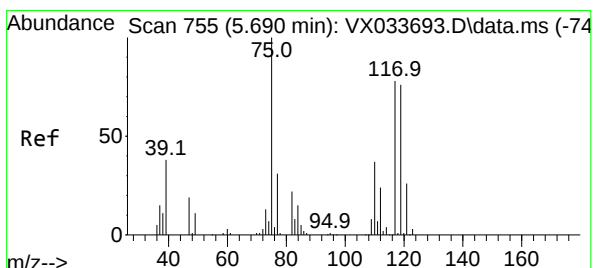
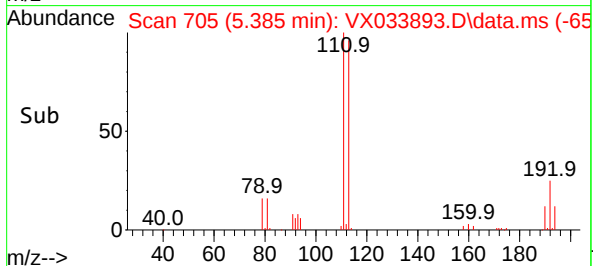
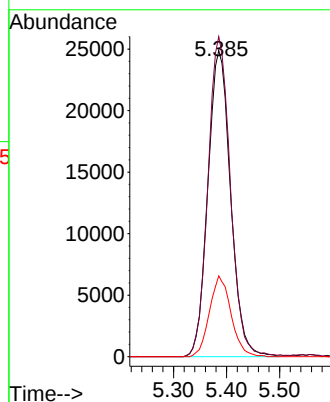
Tgt Ion:113 Resp: 74036

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

192 25.0 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.407 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX033893.D

Acq: 25 Jan 2023 17:21

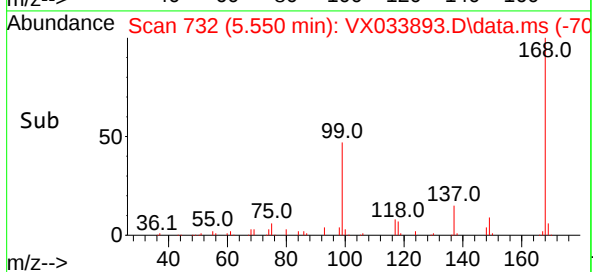
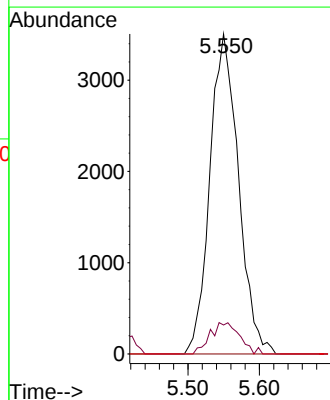
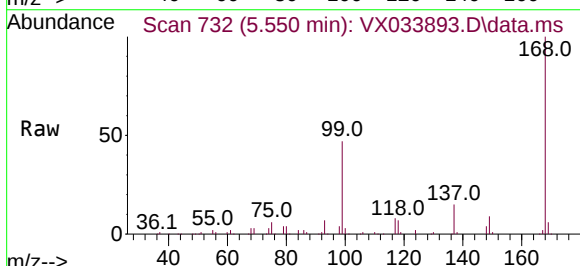
Tgt Ion: 75 Resp: 9741

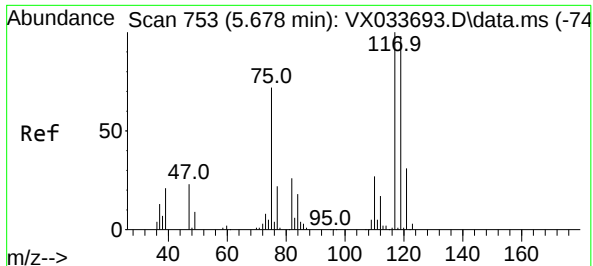
Ion Ratio Lower Upper

75 100

110 10.2 18.8 56.4#

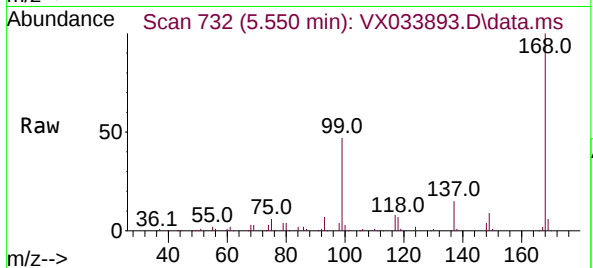
77 0.0 25.1 37.7#



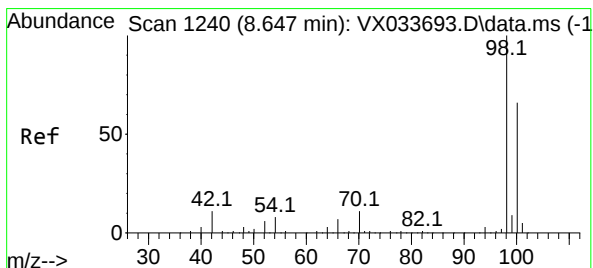
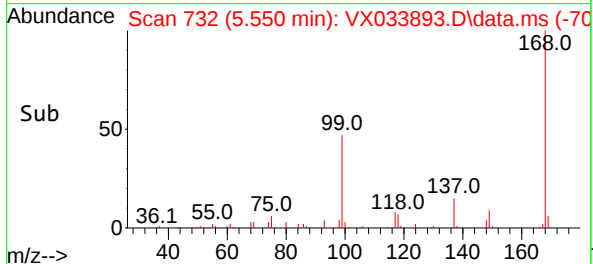
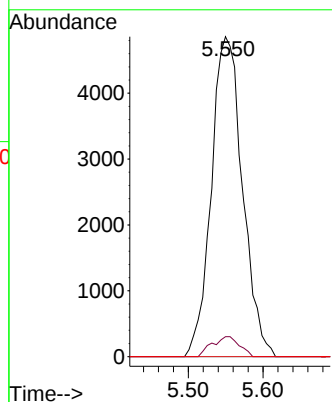


#38
Carbon Tetrachloride
Concen: 6.146 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

Instrument :
MSVOA_X
ClientSampleId :

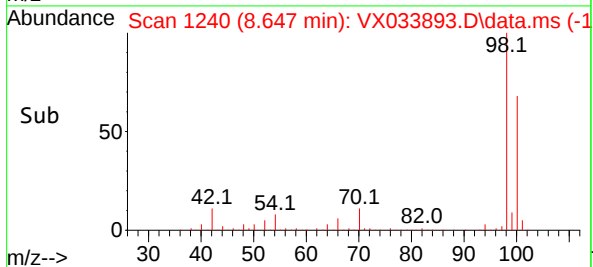
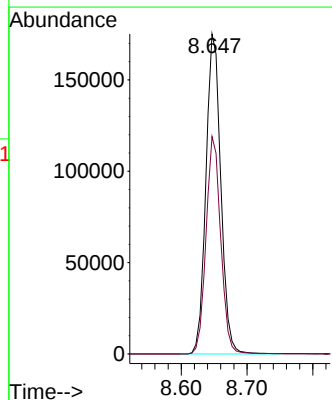
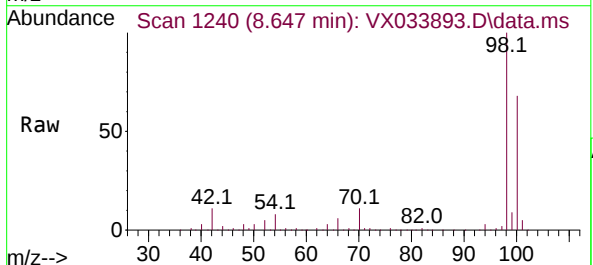


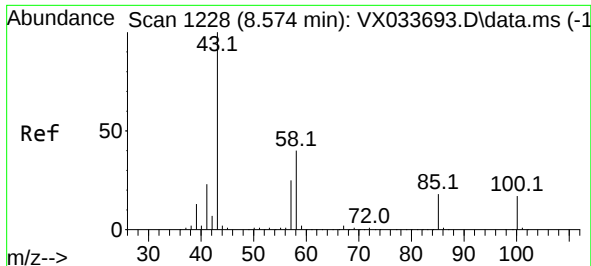
Tgt Ion:117 Resp: 14069
Ion Ratio Lower Upper
117 100
119 6.2 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.952 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

Tgt Ion: 98 Resp: 275635
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4

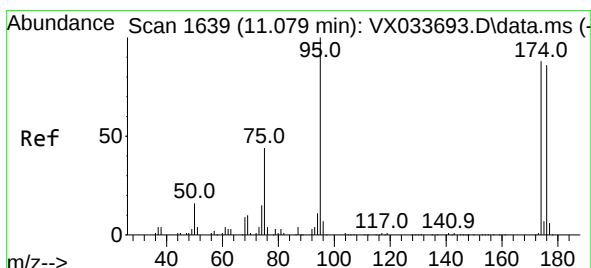
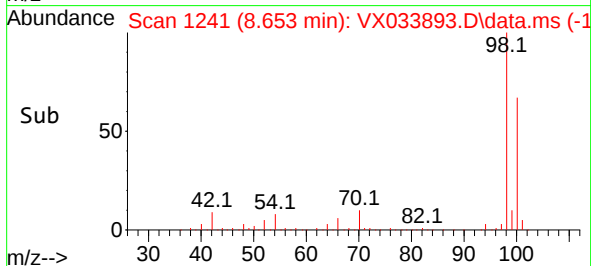
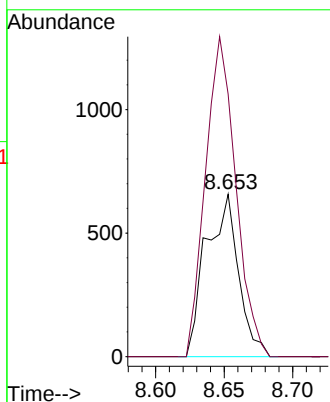
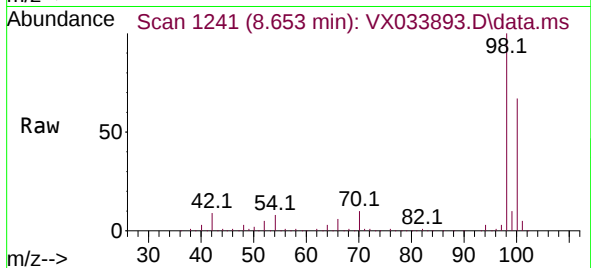




#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

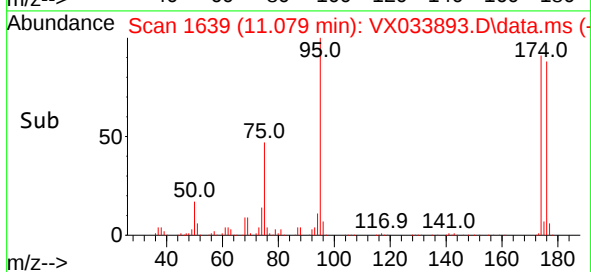
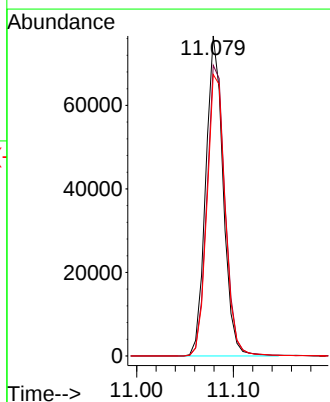
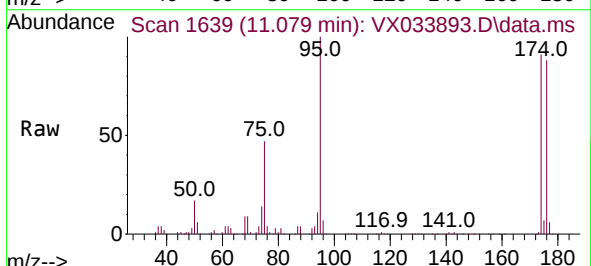
Instrument :
MSVOA_X
ClientSampleId :

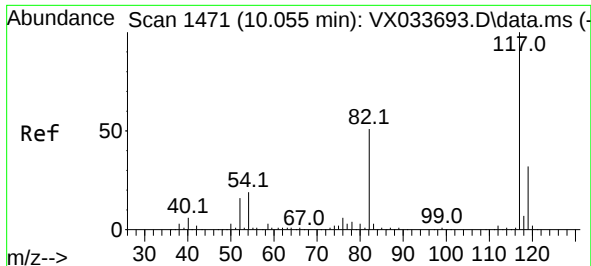
Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
58 185.0 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

Tgt Ion: 95 Resp: 96049
Ion Ratio Lower Upper
95 100
174 95.6 0.0 184.4
176 92.2 0.0 178.8

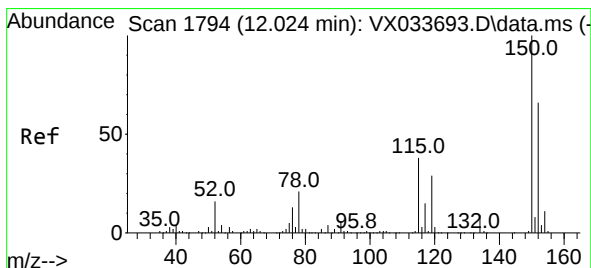
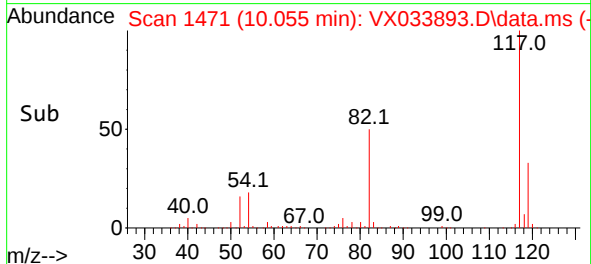
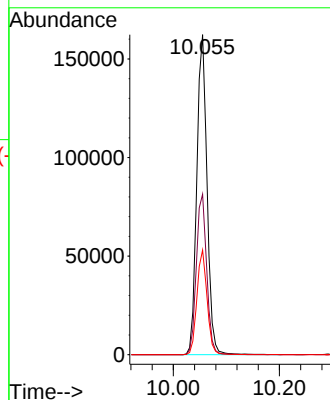
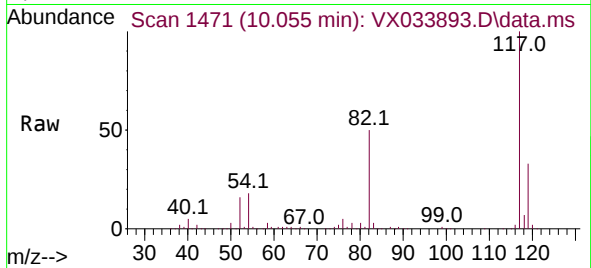




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

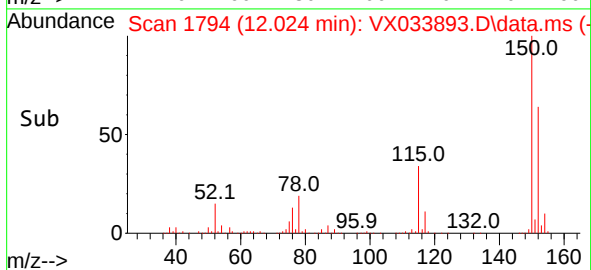
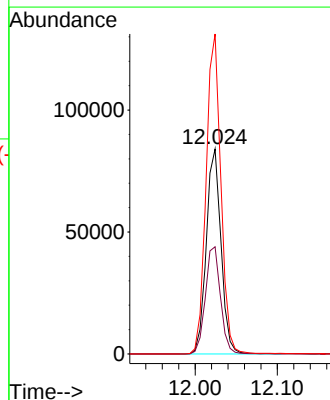
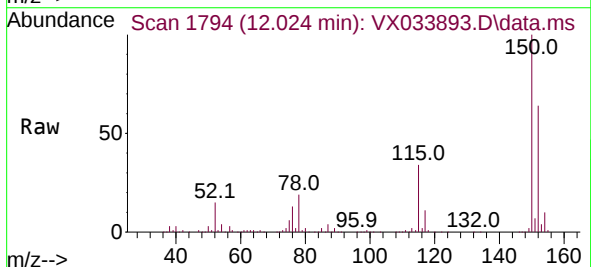
Instrument :
MSVOA_X
ClientSampleId :

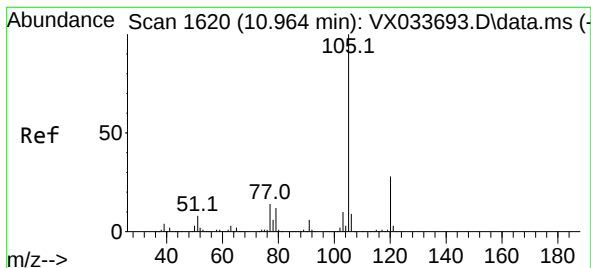
Tgt Ion:117 Resp: 216707
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

Tgt Ion:152 Resp: 104447
Ion Ratio Lower Upper
152 100
115 53.8 38.7 116.1
150 156.8 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.085 min Scan# 1640

Delta R.T. 0.121 min

Lab File: VX033893.D

Acq: 25 Jan 2023 17:21

Instrument :

MSVOA_X

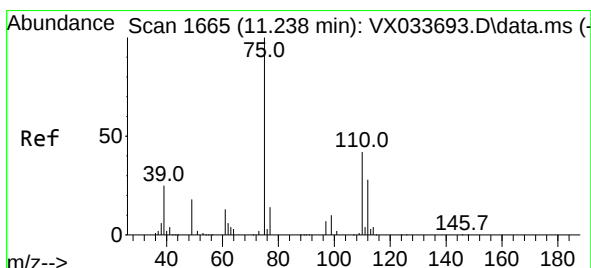
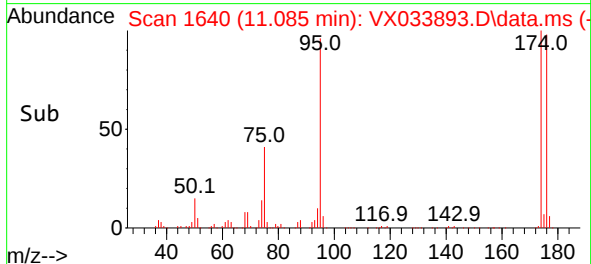
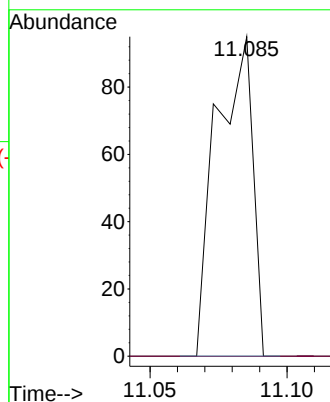
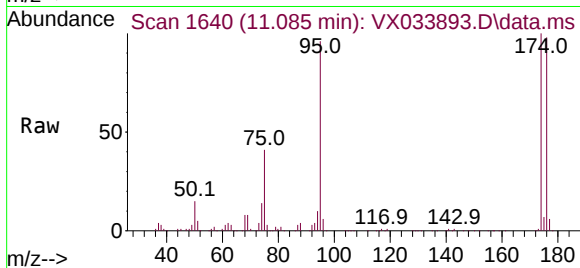
ClientSampleId :

Tgt Ion:105 Resp: 87

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 22.834 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033893.D

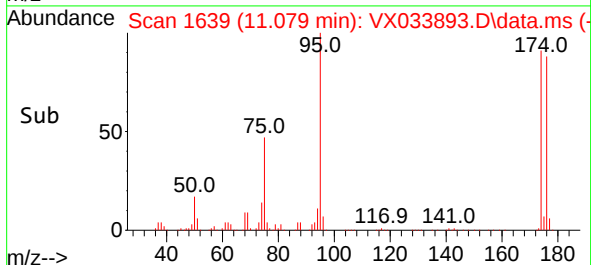
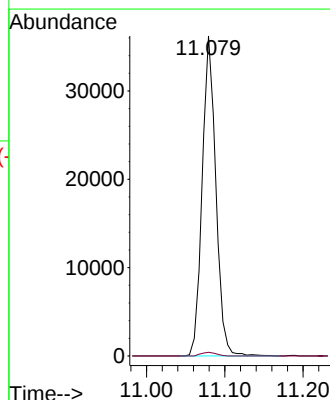
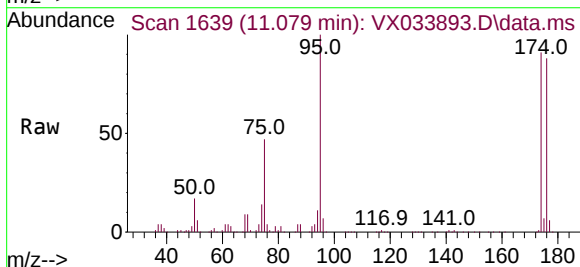
Acq: 25 Jan 2023 17:21

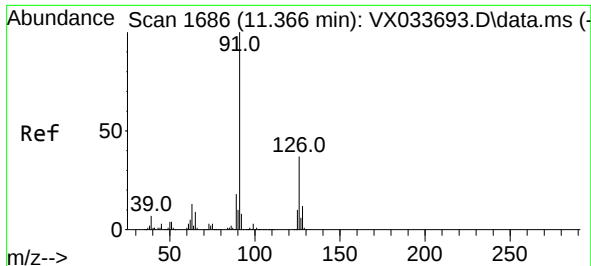
Tgt Ion: 75 Resp: 43819

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#

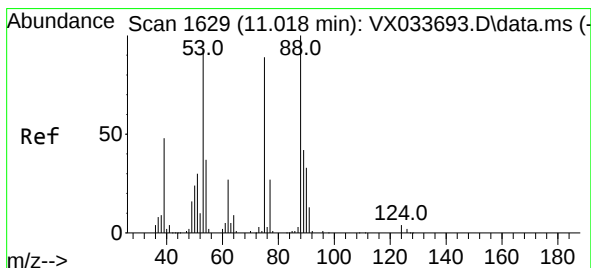
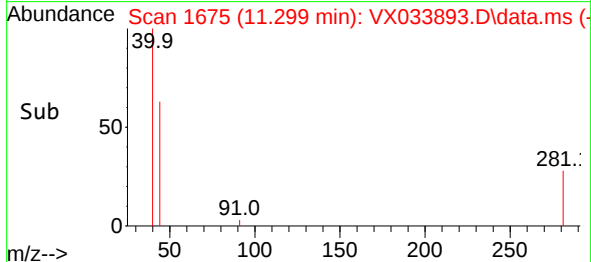
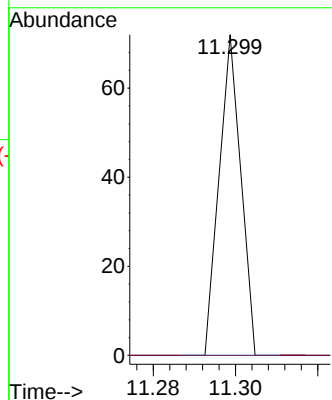
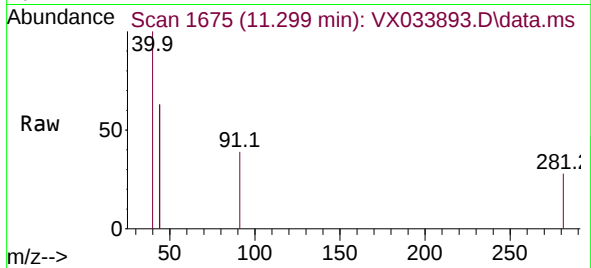




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.299 min Scan# 1675
Delta R.T. -0.067 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

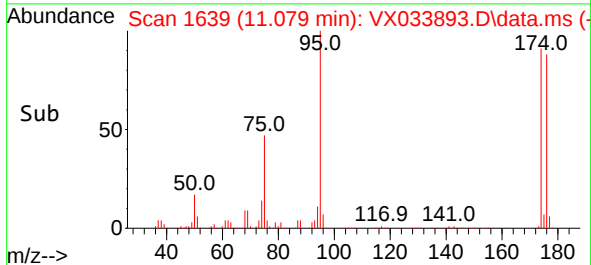
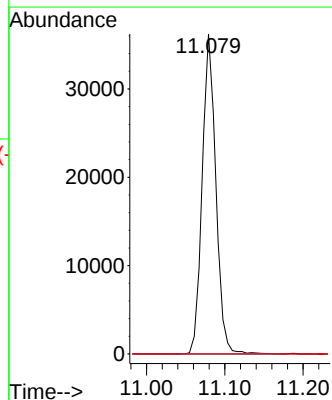
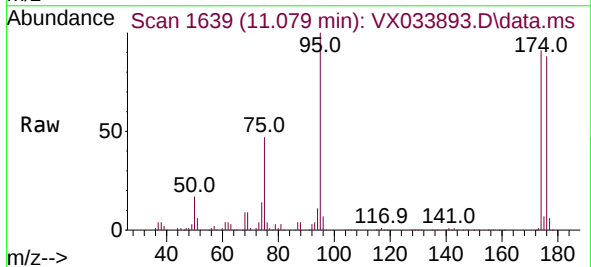
Instrument :
MSVOA_X
ClientSampleId :

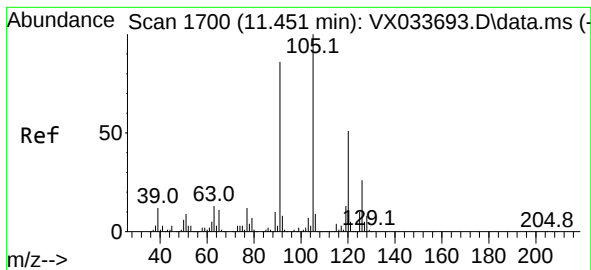
Tgt Ion: 91 Resp: 26
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033893.D
Acq: 25 Jan 2023 17:21

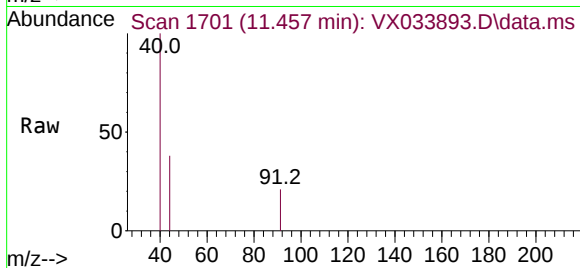
Tgt Ion: 75 Resp: 43819
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033893.D
 Acq: 25 Jan 2023 17:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 91 Resp: 18
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

