

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033898.D
 Acq On : 25 Jan 2023 19:16
 Operator : JC/MD
 Sample : 01308-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:03:51 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)

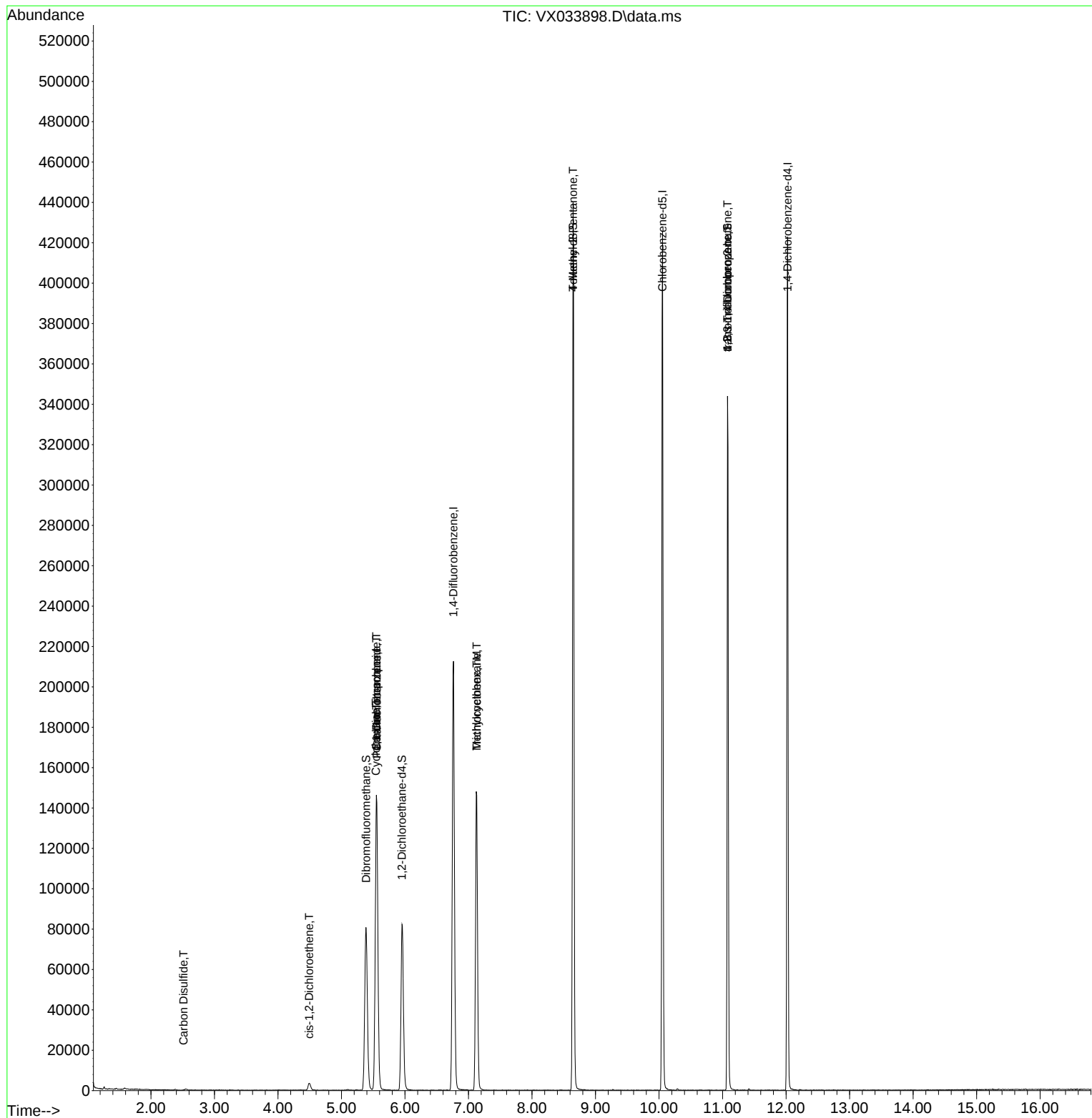
Internal Standards						
1) Pentafluorobenzene	5.556	168	157272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78005	47.106	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.220%
35) Dibromofluoromethane	5.385	113	71218	49.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.646	98	264665	50.434	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.860%
62) 4-Bromofluorobenzene	11.079	95	91930	47.182	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	476	Below Cal		99
17) Carbon Disulfide	2.513	76	50	1.837 ug/l	#	76
20) Methylene Chloride	2.794	84	76	Below Cal	#	5
27) cis-1,2-Dichloroethene	4.489	96	2631	1.530 ug/l		87
31) Cyclohexane	5.543	56	2376	0.975 ug/l	#	1
36) 1,1-Dichloropropene	5.549	75	9383	4.464 ug/l	#	49
38) Carbon Tetrachloride	5.549	117	13560	6.228 ug/l	#	15
39) Methylcyclohexane	7.128	83	709	0.273 ug/l	#	1
44) Trichloroethene	7.128	130	63897	37.294 ug/l		95
51) 4-Methyl-2-Pentanone	8.646	43	1008	0.495 ug/l	#	1
64) Tetrachloroethene	9.268	164	56	Below Cal	#	41
73) Isopropylbenzene	11.085	105	81	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	42725	23.570 ug/l	#	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42725	73.253 ug/l	#	8

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

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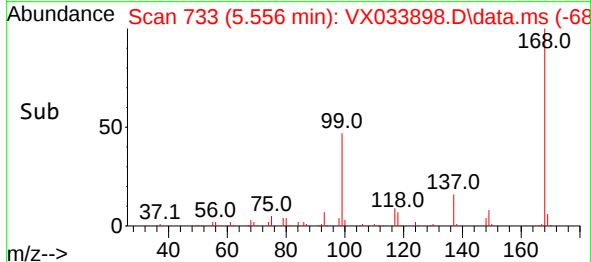
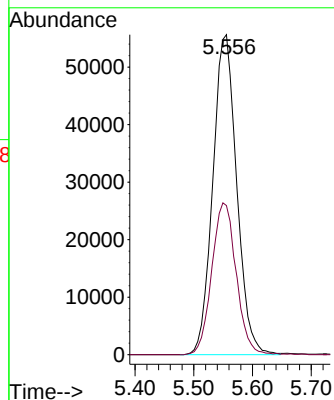
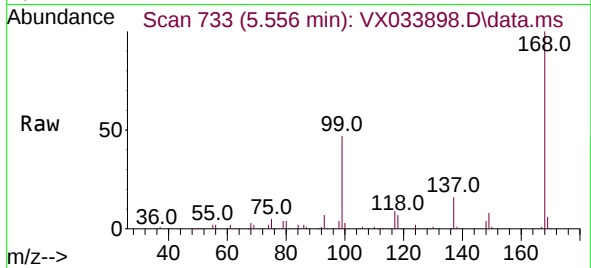




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

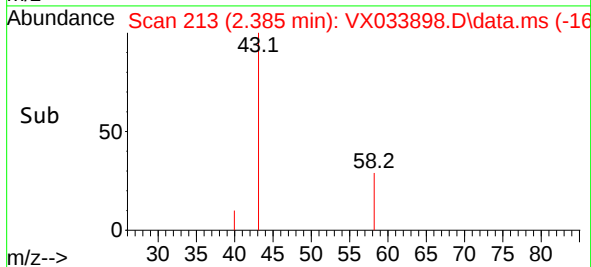
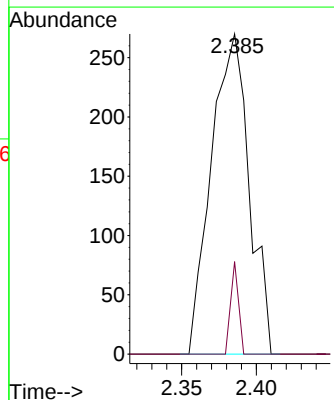
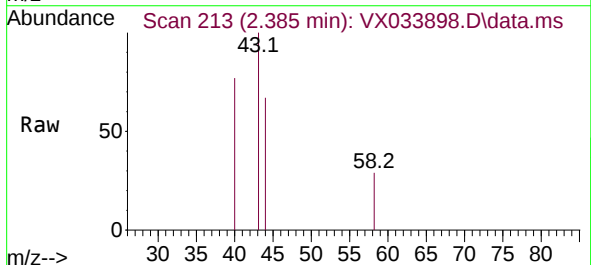
Instrument :
MSVOA_X
ClientSampleId :

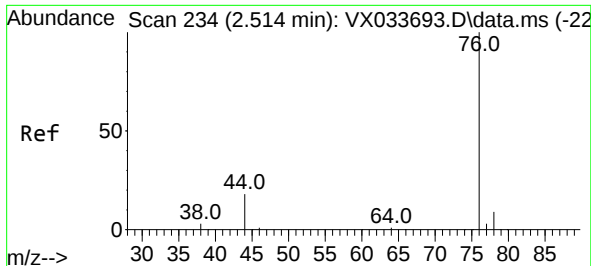
Tgt Ion:168 Resp: 157272
Ion Ratio Lower Upper
168 100
99 46.6 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.385 min Scan# 213
Delta R.T. -0.013 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 28.9 22.6 33.8





#17

Carbon Disulfide

Concen: 1.837 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.001 min

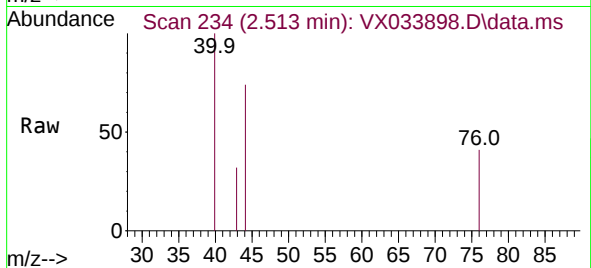
Lab File: VX033898.D

Acq: 25 Jan 2023 19:16

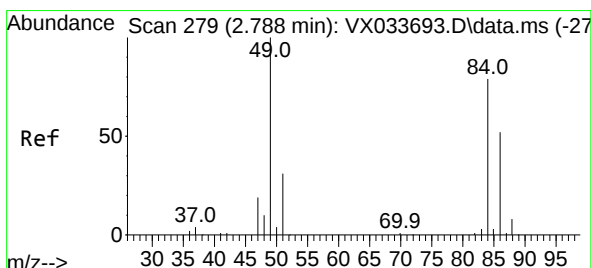
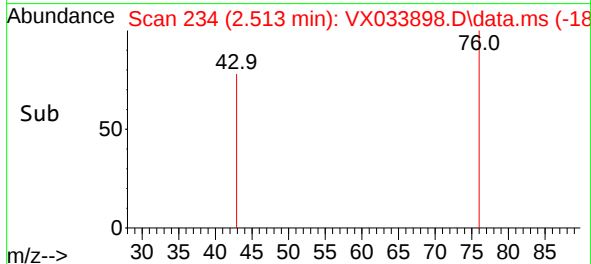
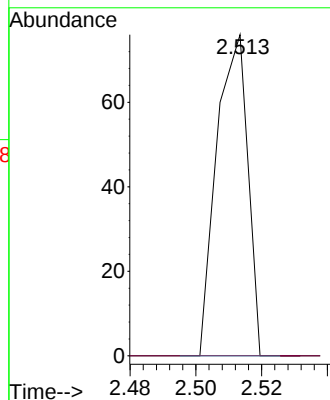
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	76	Resp:	50
Ion Ratio	Lower	Upper	
76	100		
78	0.0	7.0	10.6#



#20

Methylene Chloride

Concen: Below Cal

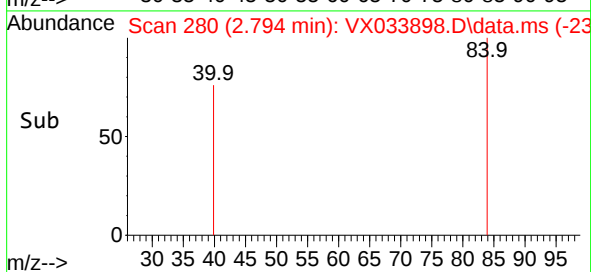
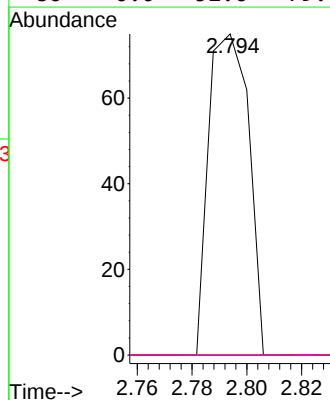
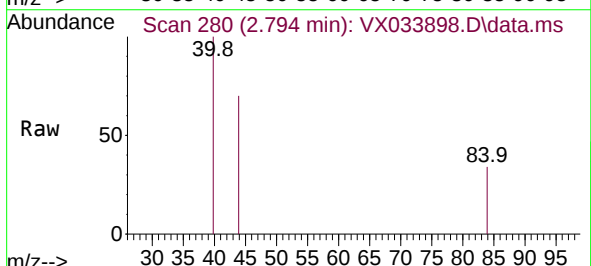
RT: 2.794 min Scan# 280

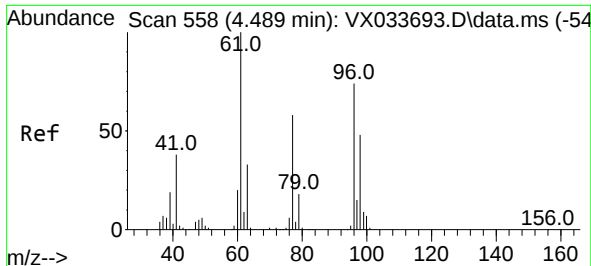
Delta R.T. 0.006 min

Lab File: VX033898.D

Acq: 25 Jan 2023 19:16

Tgt Ion:	84	Resp:	76
Ion Ratio	Lower	Upper	
84	100		
49	0.0	101.1	151.7#
51	0.0	31.0	46.6#
86	0.0	52.6	79.0#





#27

cis-1,2-Dichloroethene

Concen: 1.530 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

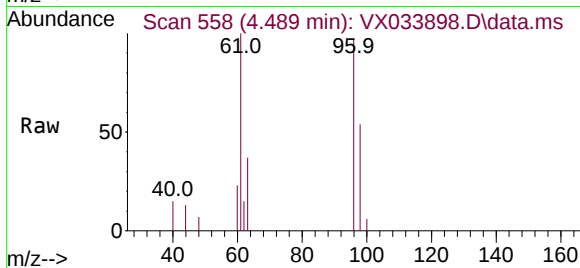
Lab File: VX033898.D

Acq: 25 Jan 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :



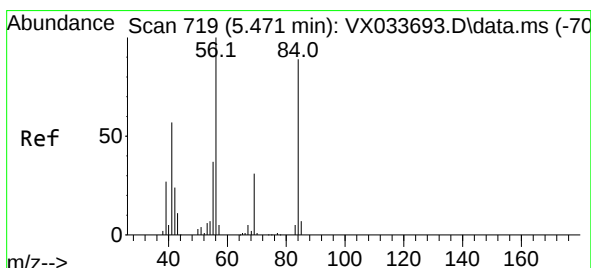
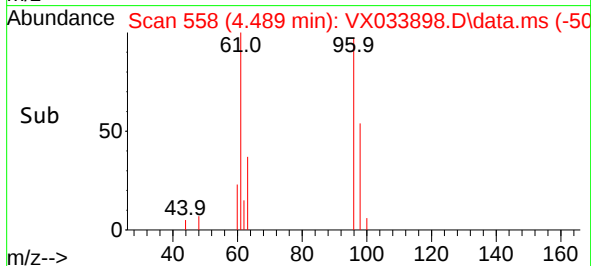
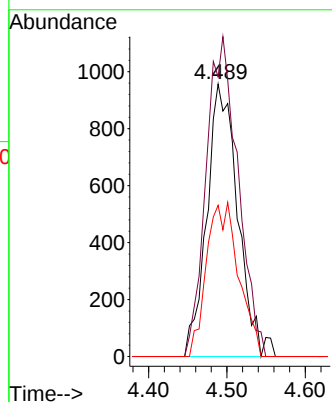
Tgt Ion: 96 Resp: 2631

Ion Ratio Lower Upper

96 100

61 120.6 0.0 277.6

98 58.5 0.0 128.0



#31

Cyclohexane

Concen: 0.975 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX033898.D

Acq: 25 Jan 2023 19:16

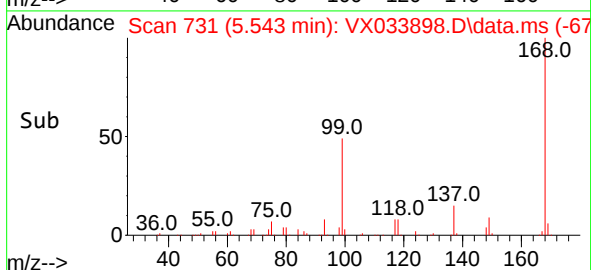
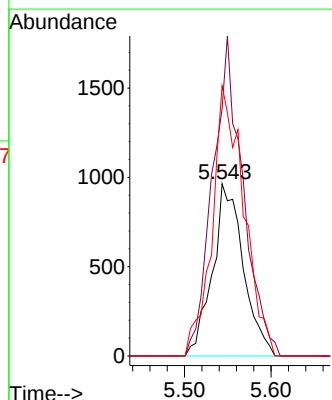
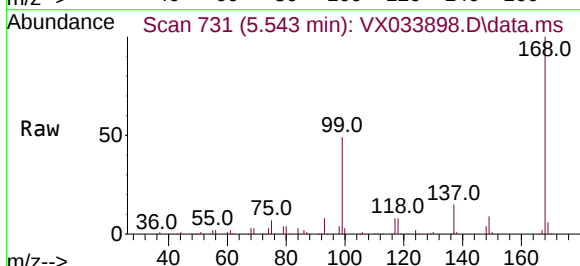
Tgt Ion: 56 Resp: 2376

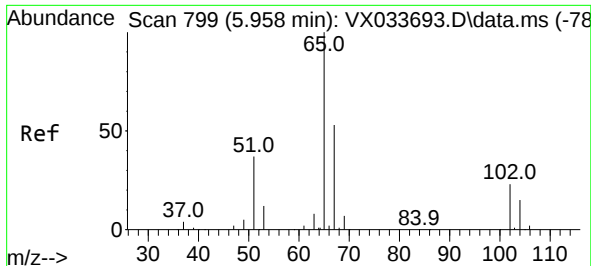
Ion Ratio Lower Upper

56 100

69 143.9 24.6 37.0#

84 157.0 71.0 106.6#

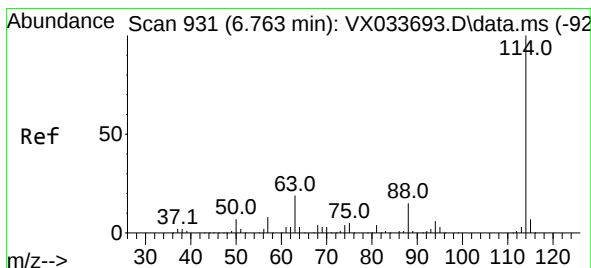
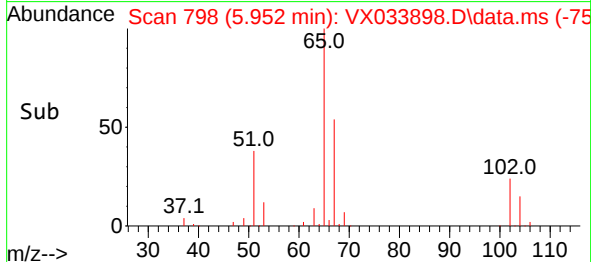
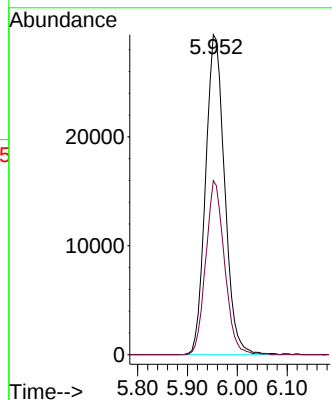
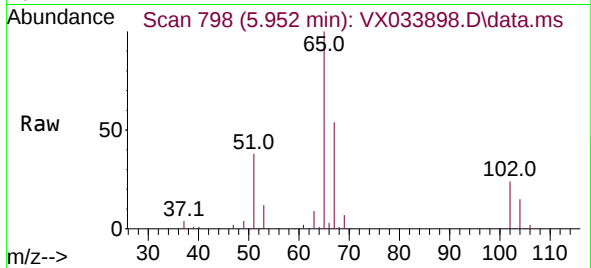




#33
 1,2-Dichloroethane-d4
 Concen: 47.106 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033898.D
 Acq: 25 Jan 2023 19:16

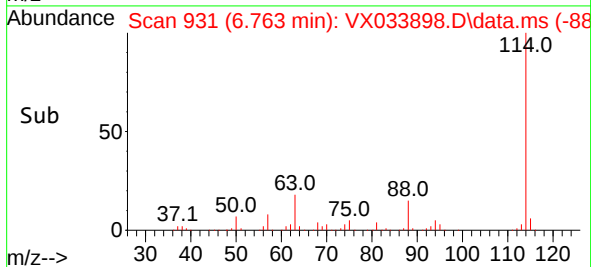
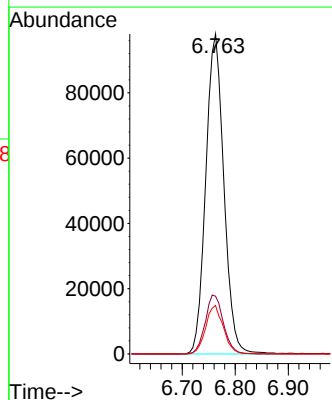
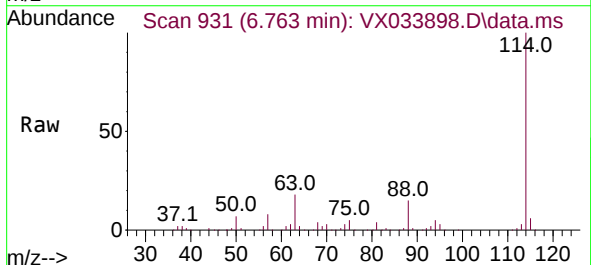
Instrument :
 MSVOA_X
 ClientSampleId :

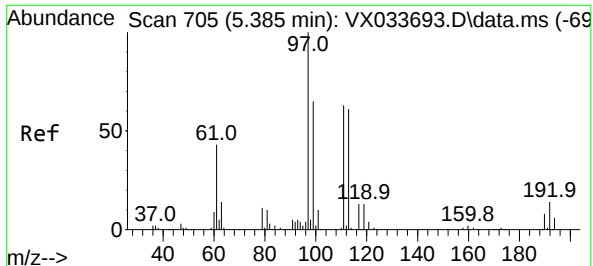
Tgt Ion: 65 Resp: 78005
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033898.D
 Acq: 25 Jan 2023 19:16

Tgt Ion: 114 Resp: 231952
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.4
 88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.447 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

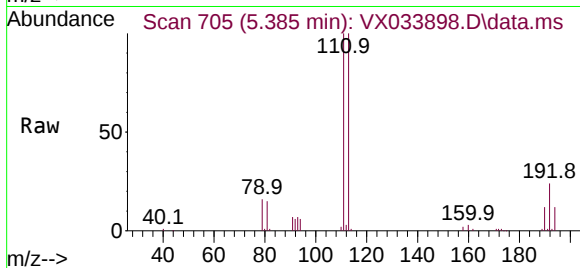
Lab File: VX033898.D

Acq: 25 Jan 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :



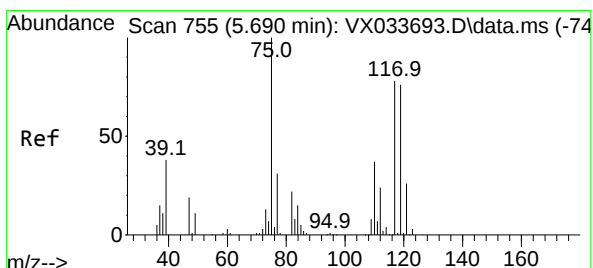
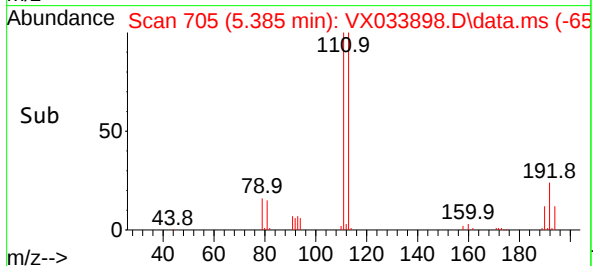
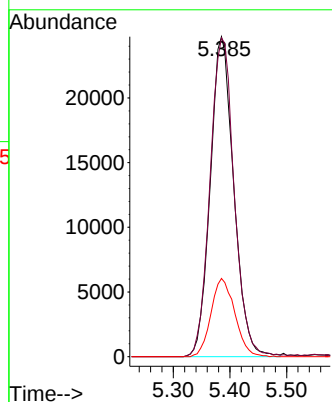
Tgt Ion:113 Resp: 71218

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

192 24.8 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.464 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX033898.D

Acq: 25 Jan 2023 19:16

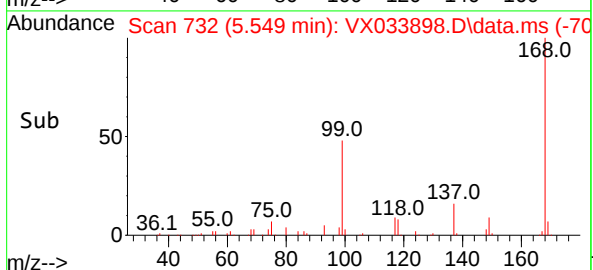
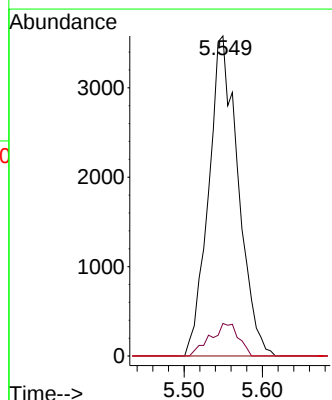
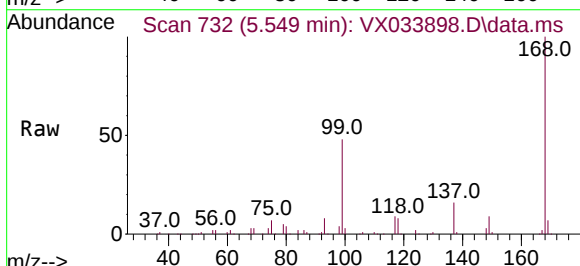
Tgt Ion: 75 Resp: 9383

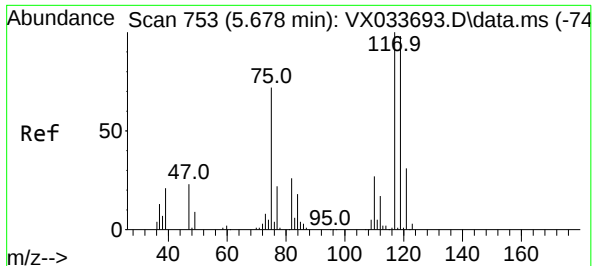
Ion Ratio Lower Upper

75 100

110 9.7 18.8 56.4#

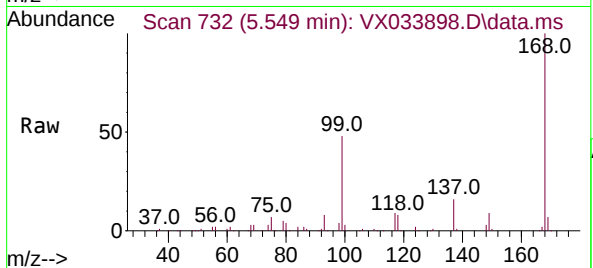
77 0.0 25.1 37.7#



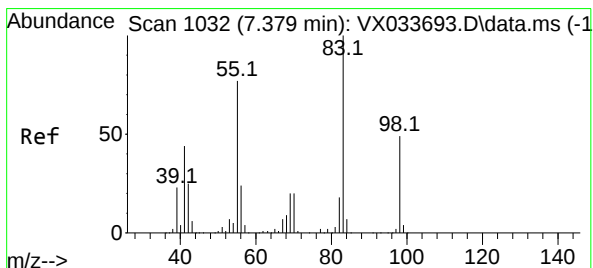
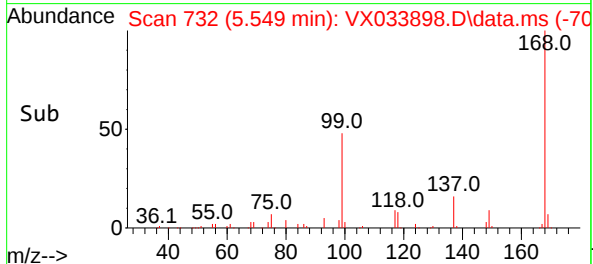
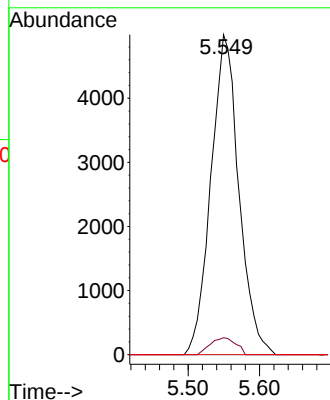


#38
Carbon Tetrachloride
Concen: 6.228 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :

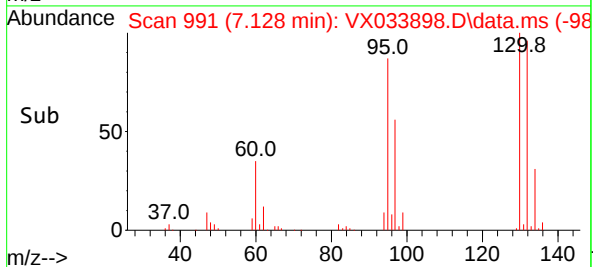
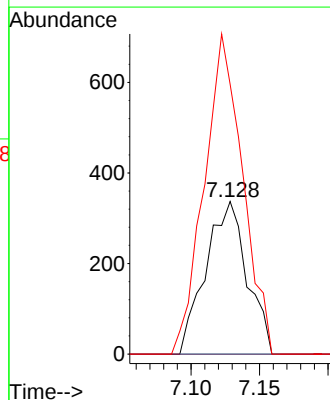
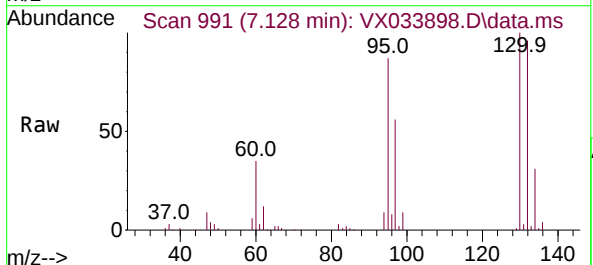


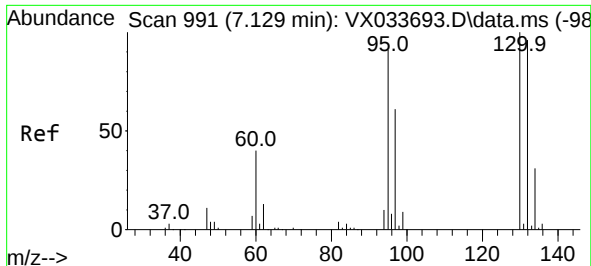
Tgt Ion:117 Resp: 13560
Ion Ratio Lower Upper
117 100
119 5.3 78.0 117.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.273 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

Tgt Ion: 83 Resp: 709
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.6#
98 176.9 39.3 58.9#

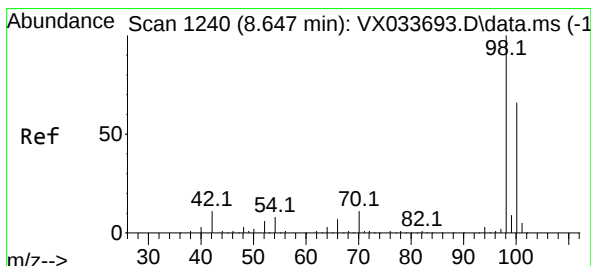
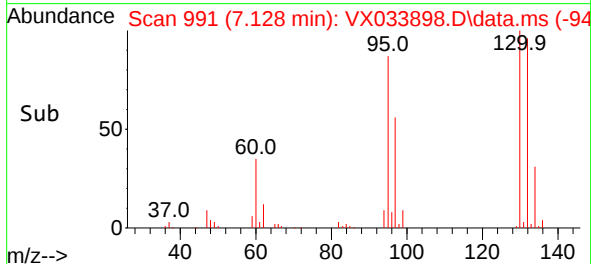
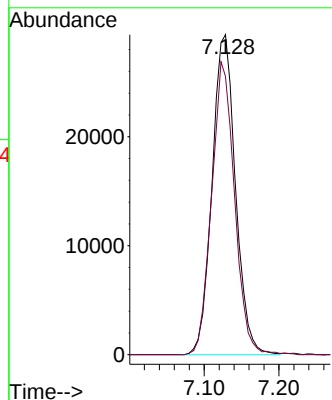
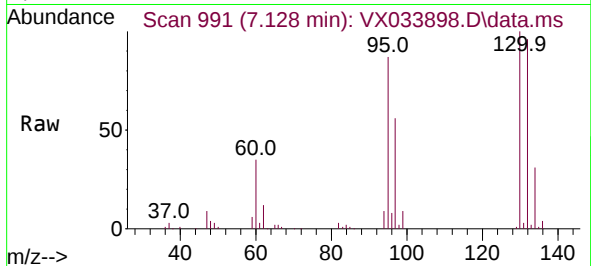




#44
Trichloroethene
Concen: 37.294 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

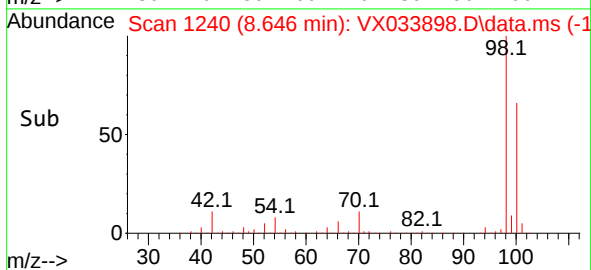
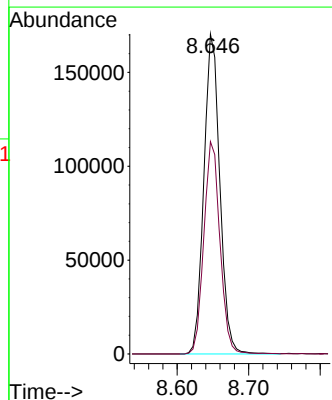
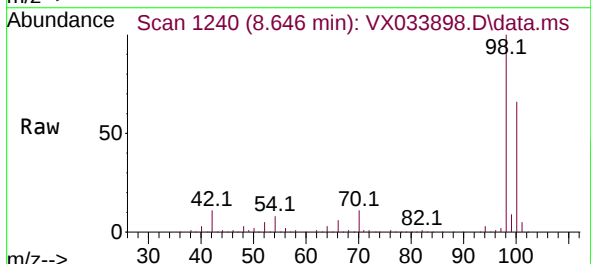
Instrument :
MSVOA_X
ClientSampleId :

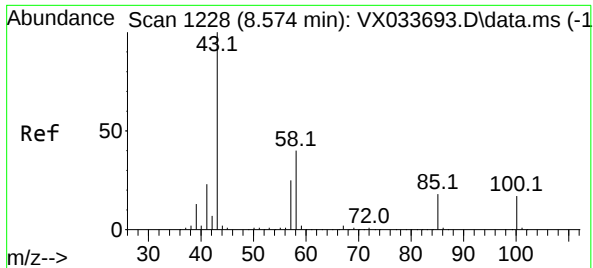
Tgt Ion:130 Resp: 63897
Ion Ratio Lower Upper
130 100
95 87.0 0.0 182.6



#50
Toluene-d8
Concen: 50.434 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

Tgt Ion: 98 Resp: 264665
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.495 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033898.D

Acq: 25 Jan 2023 19:16

Instrument :

MSVOA_X

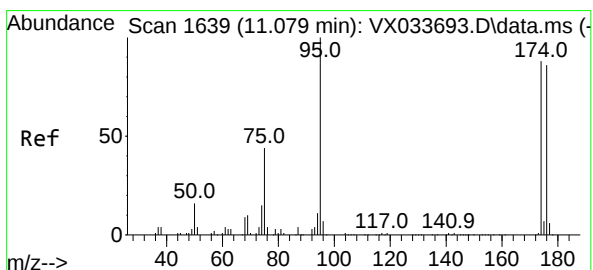
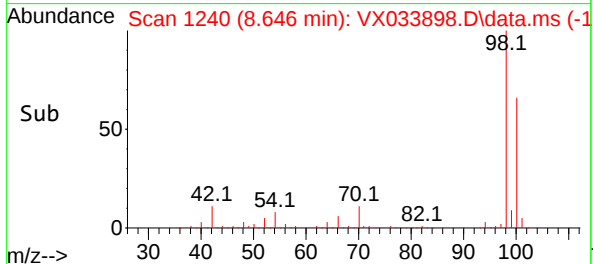
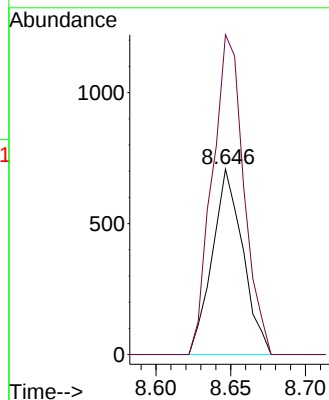
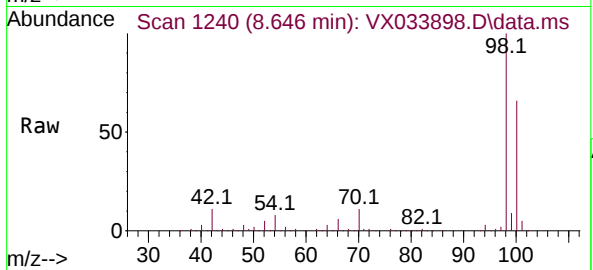
ClientSampleId :

Tgt Ion: 43 Resp: 1008

Ion Ratio Lower Upper

43 100

58 177.8 31.2 46.8#



#62

4-Bromofluorobenzene

Concen: 47.182 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033898.D

Acq: 25 Jan 2023 19:16

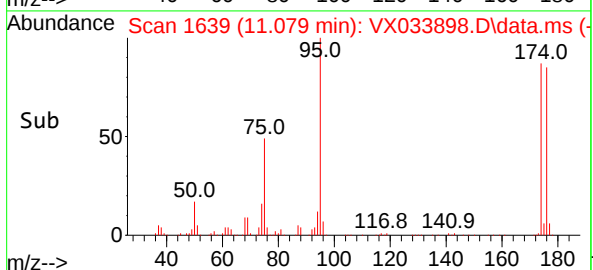
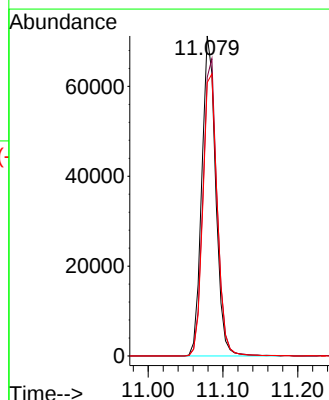
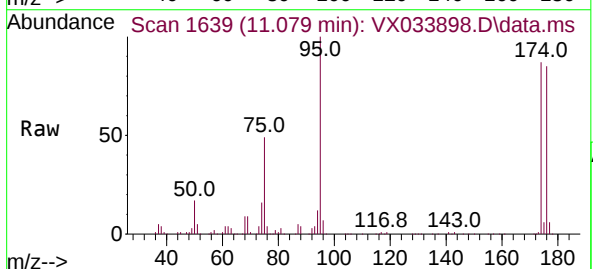
Tgt Ion: 95 Resp: 91930

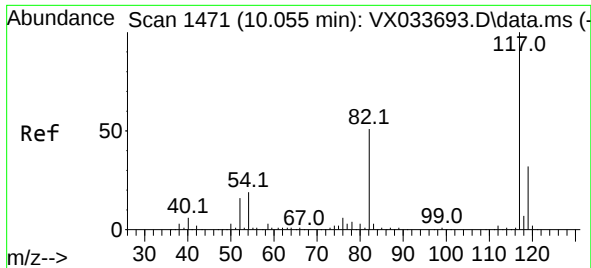
Ion Ratio Lower Upper

95 100

174 94.5 0.0 184.4

176 91.4 0.0 178.8

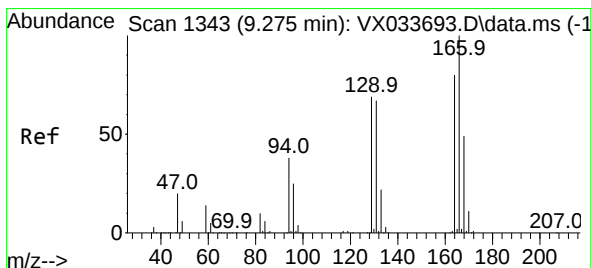
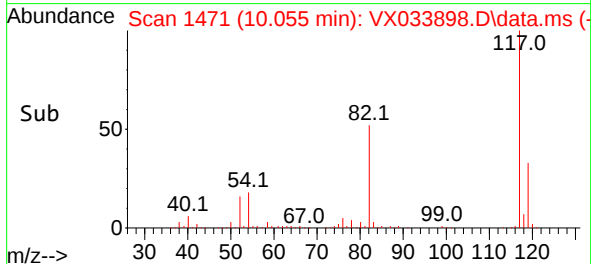
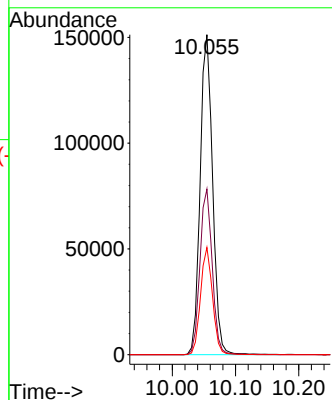
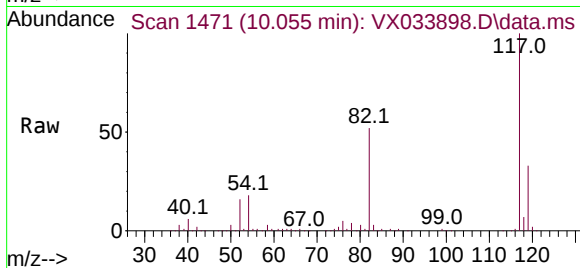




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

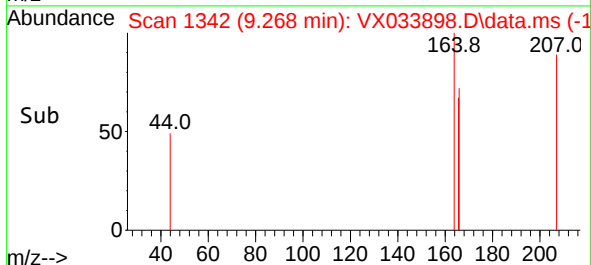
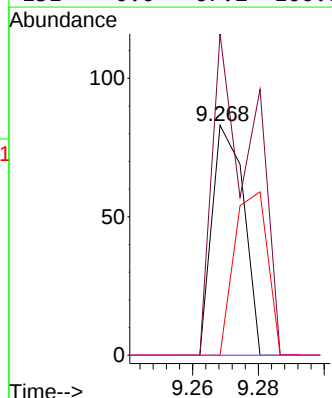
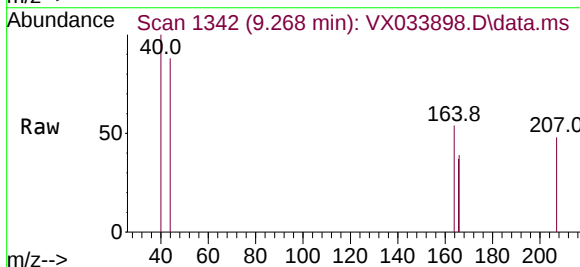
Instrument :
MSVOA_X
ClientSampleId :

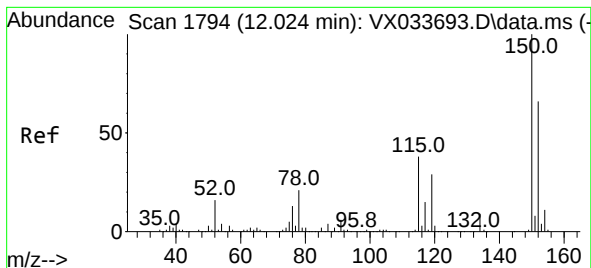
Tgt Ion:117 Resp: 207669
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 33.5 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

Tgt Ion:164 Resp: 56
Ion Ratio Lower Upper
164 100
166 139.8 100.2 150.2
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033898.D

Acq: 25 Jan 2023 19:16

Instrument :

MSVOA_X

ClientSampleId :

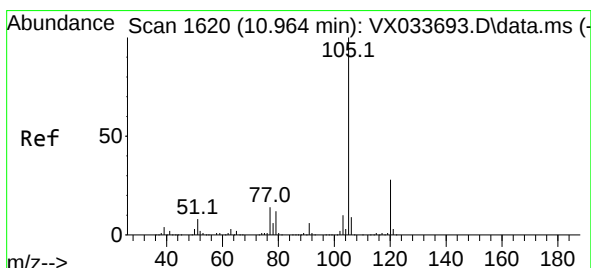
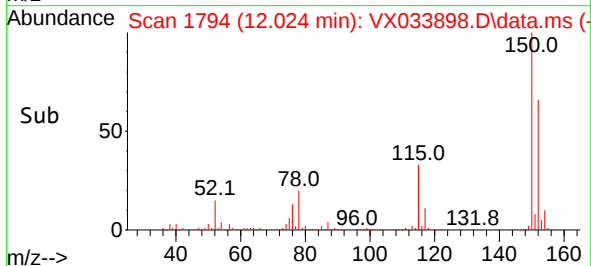
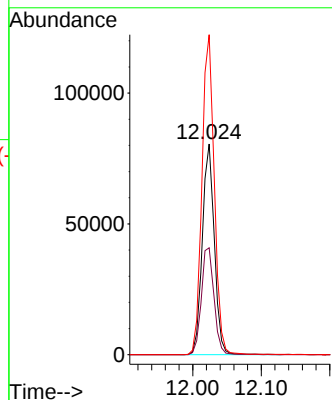
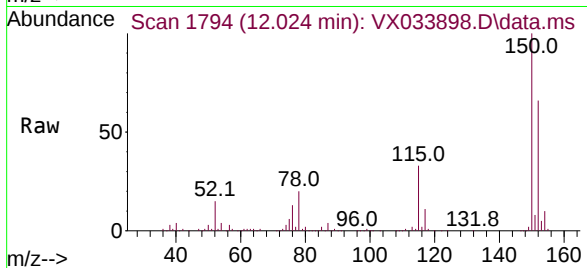
Tgt Ion:152 Resp: 98658

Ion Ratio Lower Upper

152 100

115 53.4 38.7 116.1

150 155.6 0.0 348.2



#73

Isopropylbenzene

Concen: Below Cal

RT: 11.085 min Scan# 1640

Delta R.T. 0.121 min

Lab File: VX033898.D

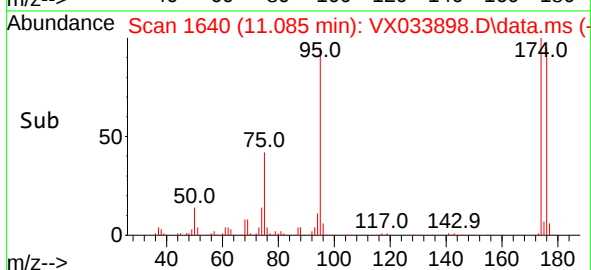
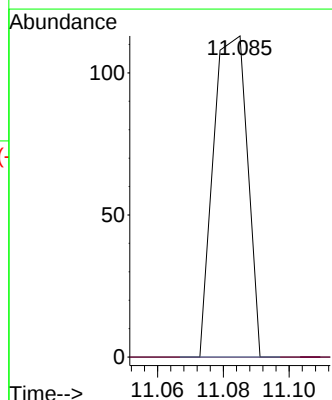
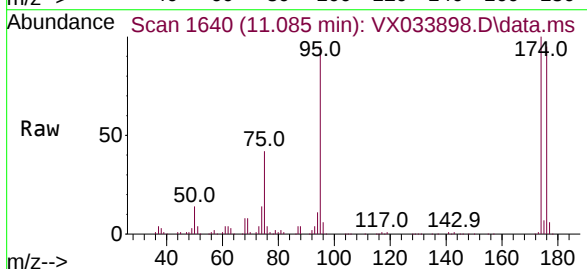
Acq: 25 Jan 2023 19:16

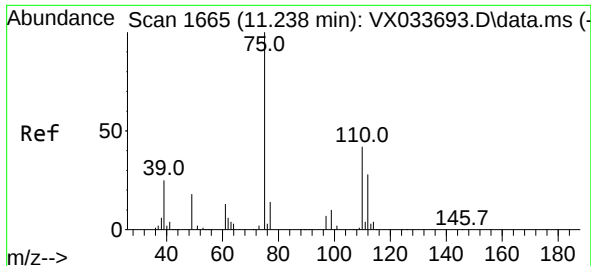
Tgt Ion:105 Resp: 81

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#

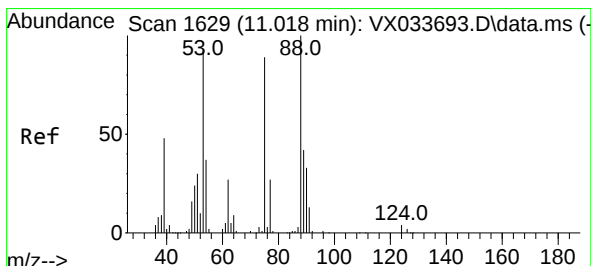
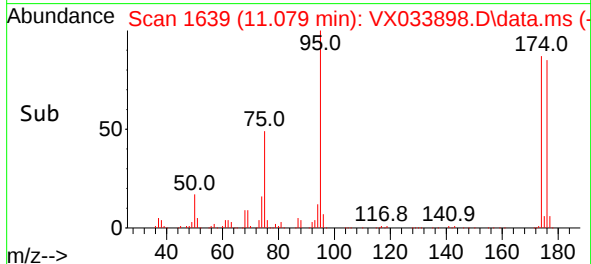
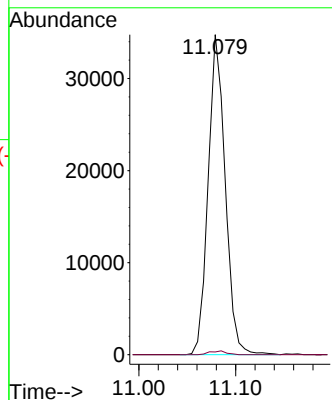
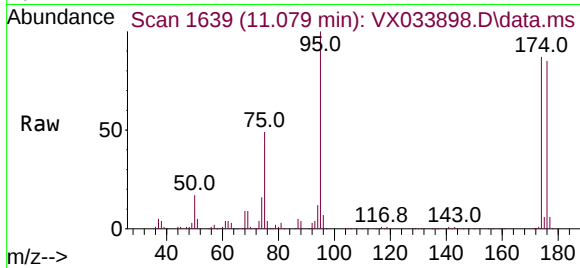




#76
1,2,3-Trichloropropane
Concen: 23.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42725
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033898.D
Acq: 25 Jan 2023 19:16

Tgt Ion: 75 Resp: 42725
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

