

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033894.D
 Acq On : 25 Jan 2023 17:44
 Operator : JC/MD
 Sample : 01308-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 06:02:46 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)

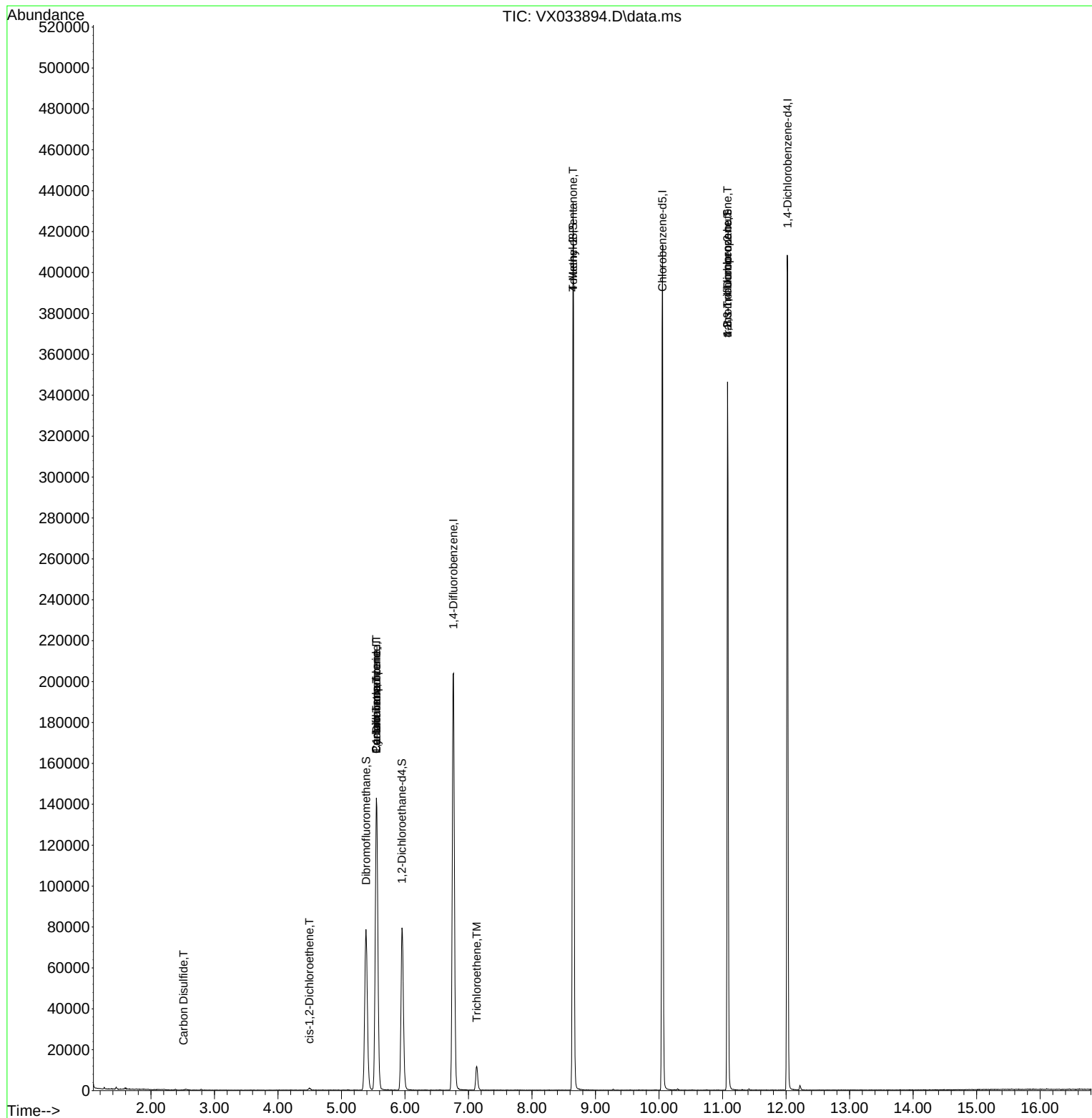
Internal Standards						
1) Pentafluorobenzene	5.550	168	156870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75544	45.737	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.480%
35) Dibromofluoromethane	5.385	113	69875	49.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	8.647	98	260049	50.275	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.560%
62) 4-Bromofluorobenzene	11.079	95	89436	46.570	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.140%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	400	Below Cal		92
17) Carbon Disulfide	2.514	76	155	1.869 ug/l	#	76
20) Methylene Chloride	2.794	84	239	Below Cal	#	44
27) cis-1,2-Dichloroethene	4.495	96	741	0.432 ug/l		77
31) Cyclohexane	5.550	56	2300	0.946 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	8871	4.282 ug/l	#	50
38) Carbon Tetrachloride	5.550	117	12953	6.036 ug/l	#	16
44) Trichloroethene	7.129	130	5468	3.238 ug/l		97
51) 4-Methyl-2-Pentanone	8.647	43	989	0.492 ug/l	#	1
64) Tetrachloroethene	9.281	164	97	Below Cal	#	36
73) Isopropylbenzene	11.079	105	95	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.073	83	41	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	41322	23.395 ug/l	#	34
81) trans-1,4-Dichloro-2-b...	11.079	75	41322	72.709 ug/l	#	8

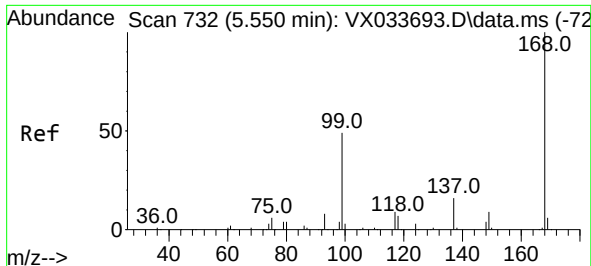
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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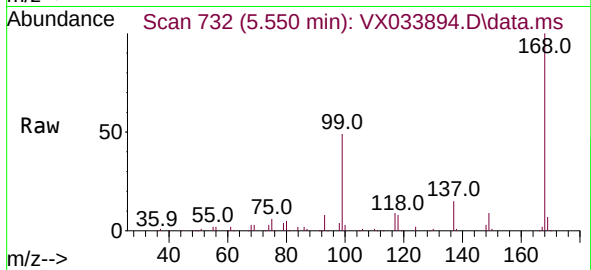
Quant Time: Jan 26 06:02:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



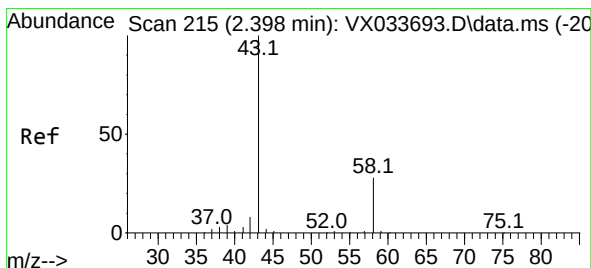
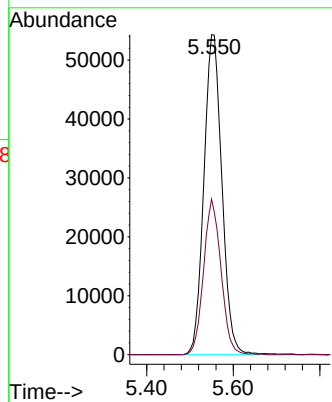
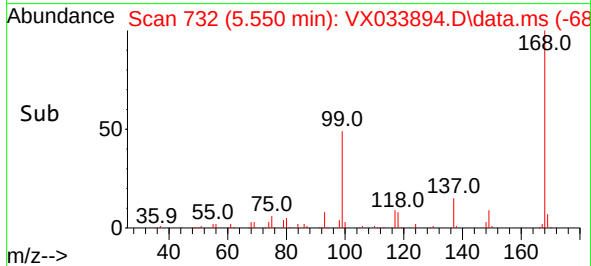


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

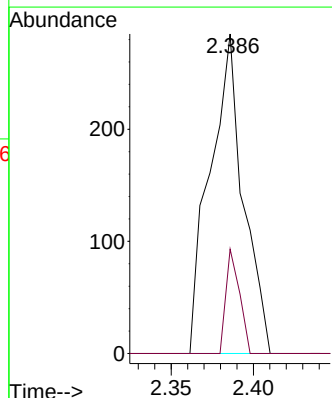
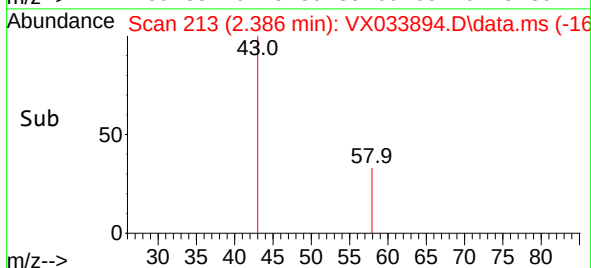
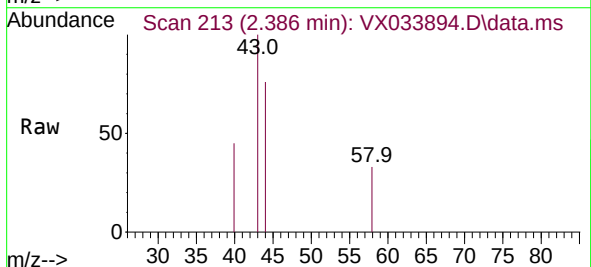


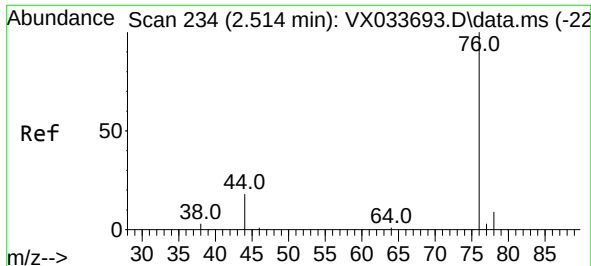
Tgt Ion:168 Resp: 156870
Ion Ratio Lower Upper
168 100
99 48.6 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

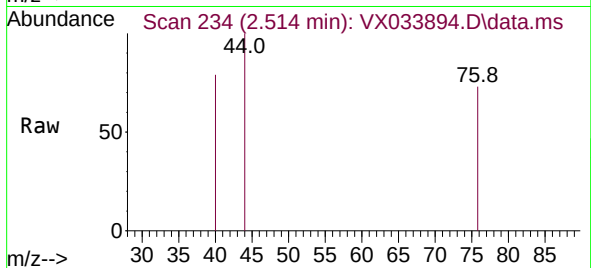
Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
58 32.6 22.6 33.8



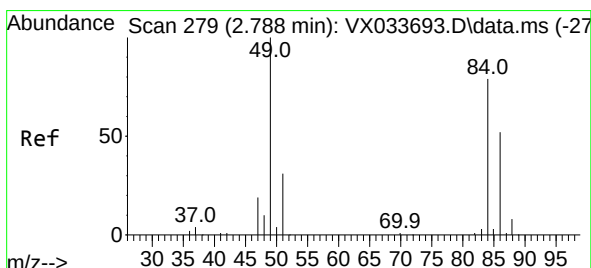
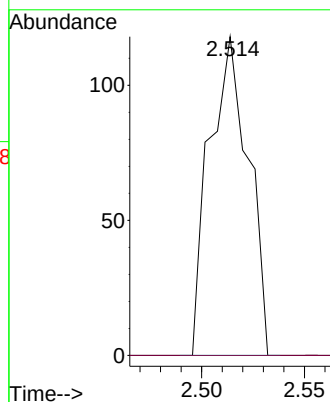
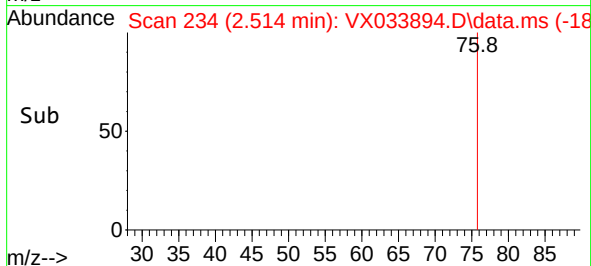


#17
Carbon Disulfide
Concen: 1.869 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

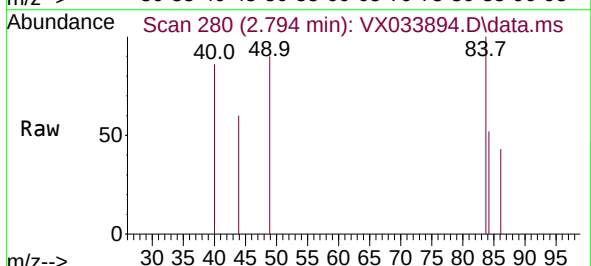
Instrument :
MSVOA_X
ClientSampleId :



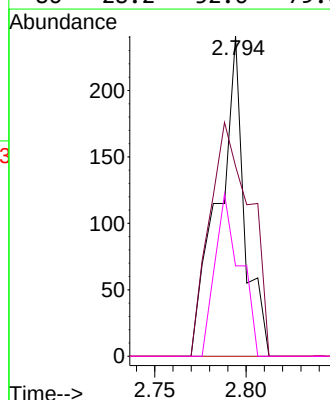
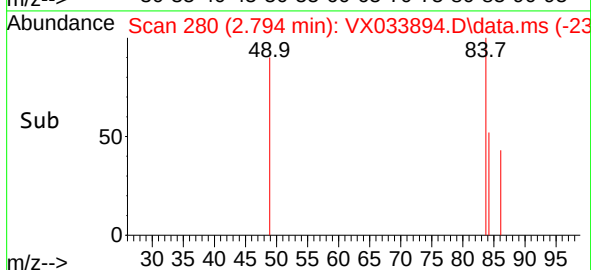
Tgt Ion: 76 Resp: 155
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

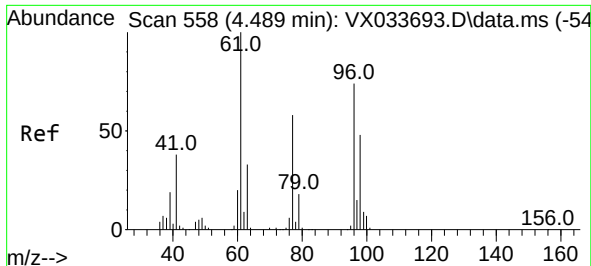


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44



Tgt Ion: 84 Resp: 239
Ion Ratio Lower Upper
84 100
49 59.3 101.1 151.7#
51 0.0 31.0 46.6#
86 28.2 52.6 79.0#





#27

cis-1,2-Dichloroethene

Concen: 0.432 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033894.D

Acq: 25 Jan 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

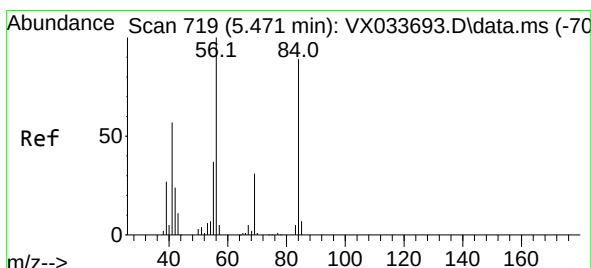
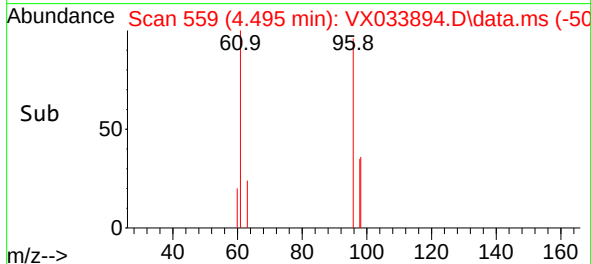
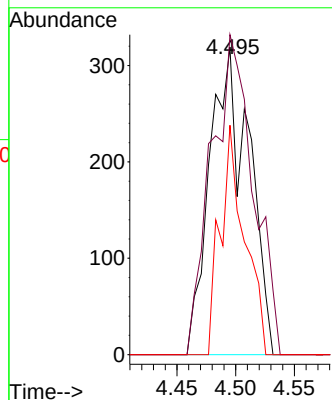
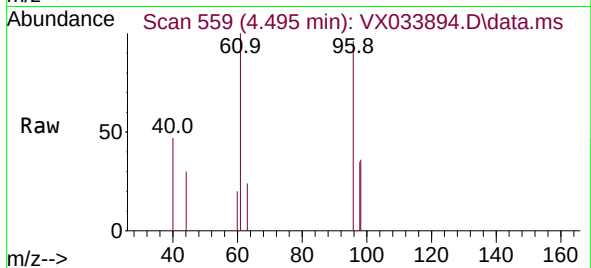
Tgt Ion: 96 Resp: 741

Ion Ratio Lower Upper

96 100

61 110.8 0.0 277.6

98 46.0 0.0 128.0



#31

Cyclohexane

Concen: 0.946 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033894.D

Acq: 25 Jan 2023 17:44

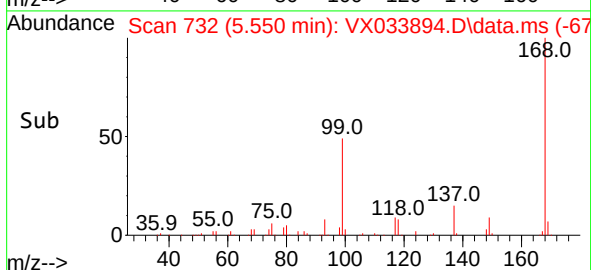
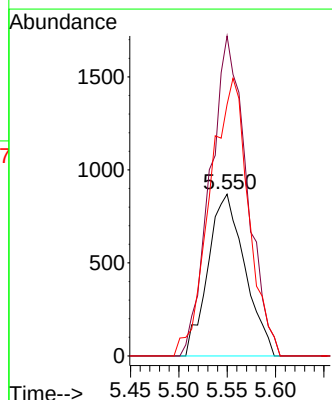
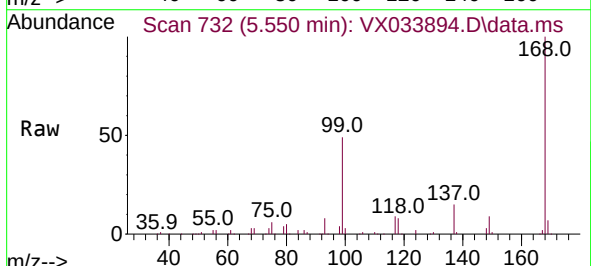
Tgt Ion: 56 Resp: 2300

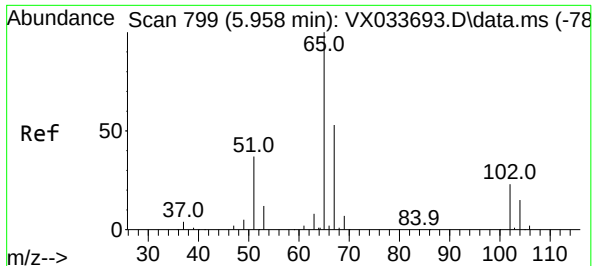
Ion Ratio Lower Upper

56 100

69 197.9 24.6 37.0#

84 155.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 45.737 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033894.D

Acq: 25 Jan 2023 17:44

Instrument :

MSVOA_X

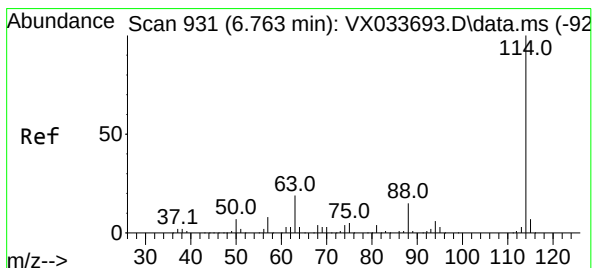
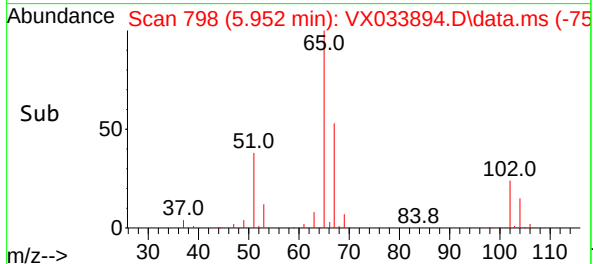
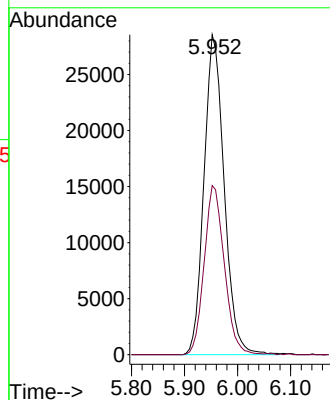
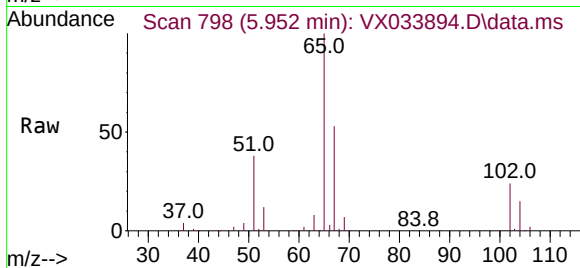
ClientSampleId :

Tgt Ion: 65 Resp: 75544

Ion Ratio Lower Upper

65 100

67 52.7 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: VX033894.D

Acq: 25 Jan 2023 17:44

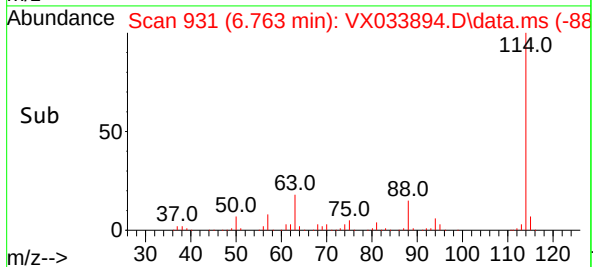
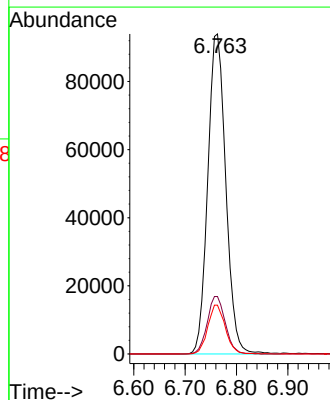
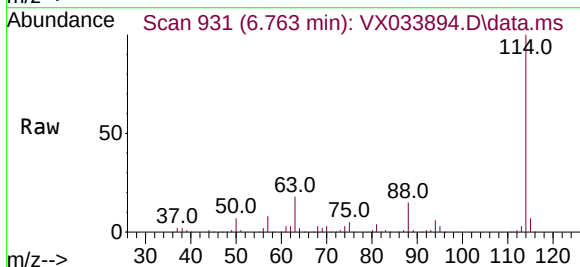
Tgt Ion: 114 Resp: 228625

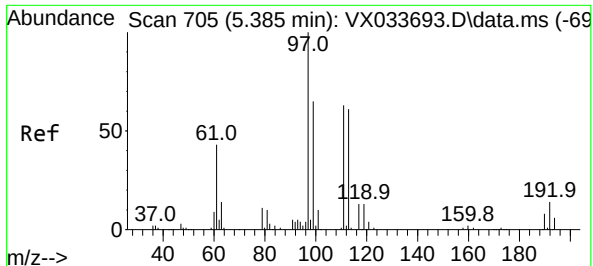
Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.220 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

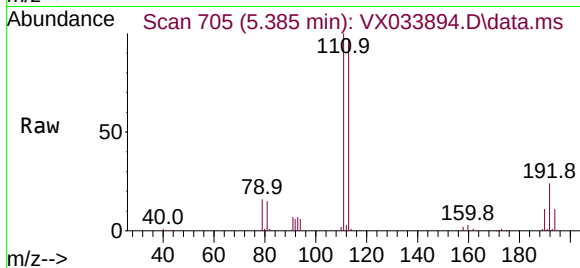
Lab File: VX033894.D

Acq: 25 Jan 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :



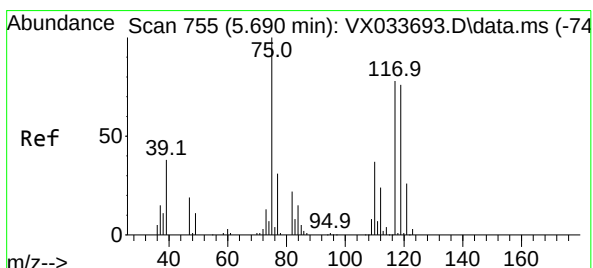
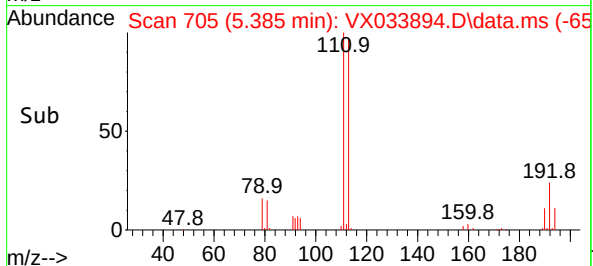
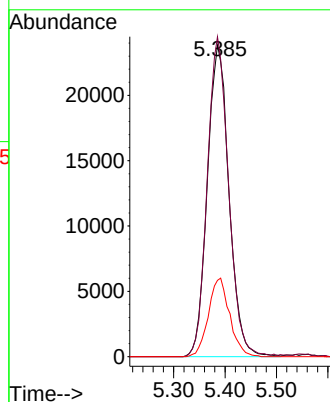
Tgt Ion:113 Resp: 69875

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.6

192 24.7 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.282 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX033894.D

Acq: 25 Jan 2023 17:44

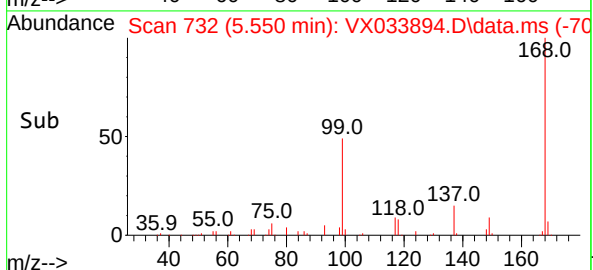
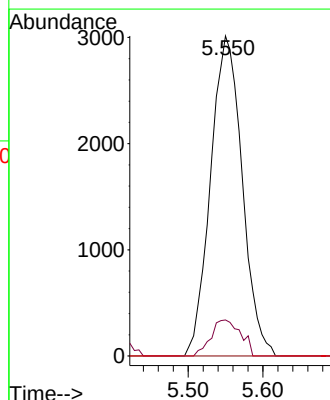
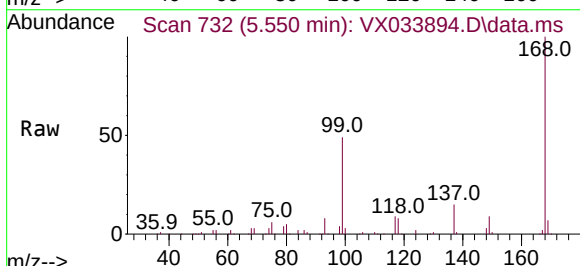
Tgt Ion: 75 Resp: 8871

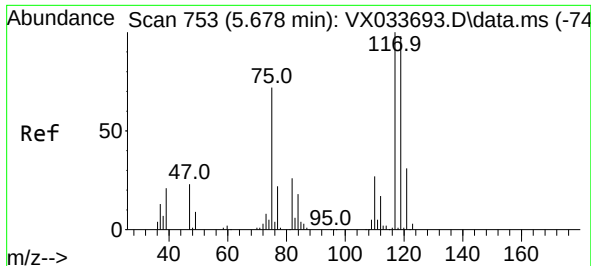
Ion Ratio Lower Upper

75 100

110 10.6 18.8 56.4#

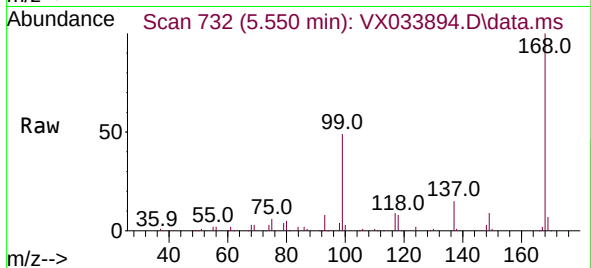
77 0.0 25.1 37.7#



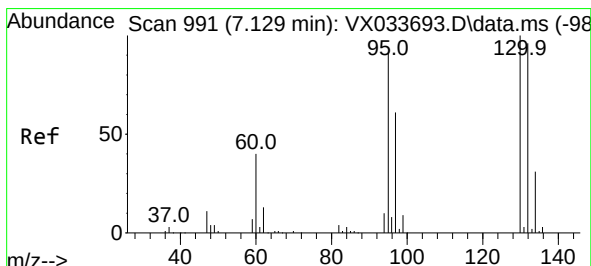
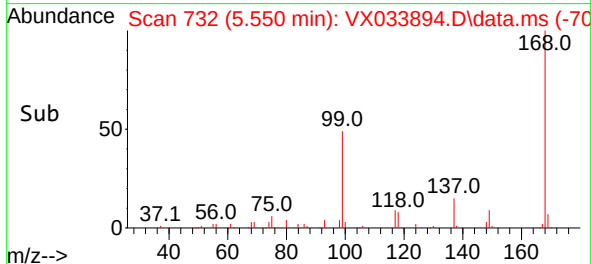
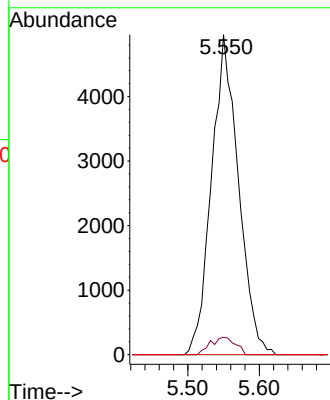


#38
Carbon Tetrachloride
Concen: 6.036 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

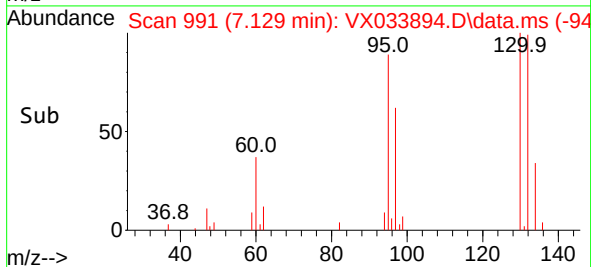
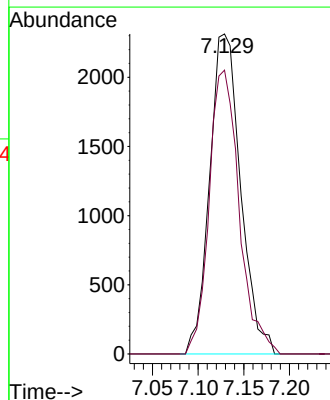
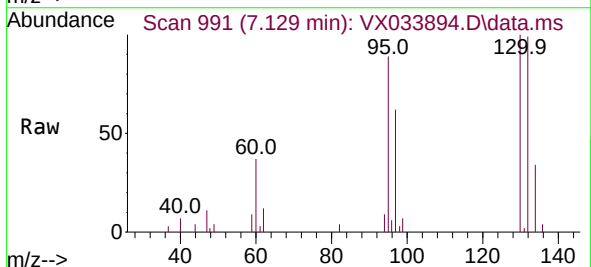


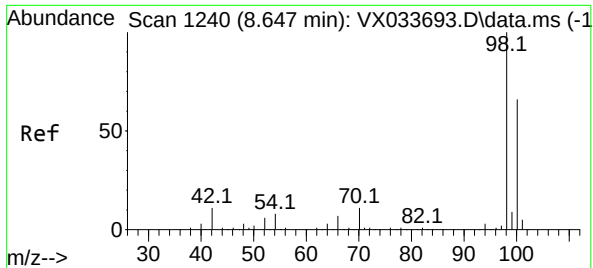
Tgt Ion:117 Resp: 12953
Ion Ratio Lower Upper
117 100
119 5.4 78.0 117.0#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 3.238 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

Tgt Ion:130 Resp: 5468
Ion Ratio Lower Upper
130 100
95 88.7 0.0 182.6

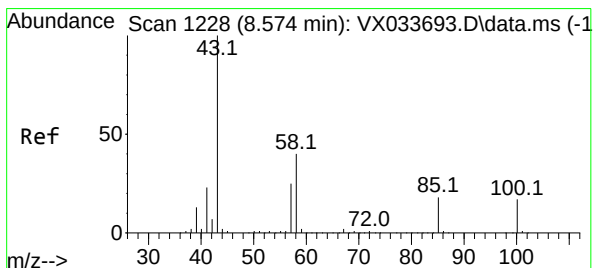
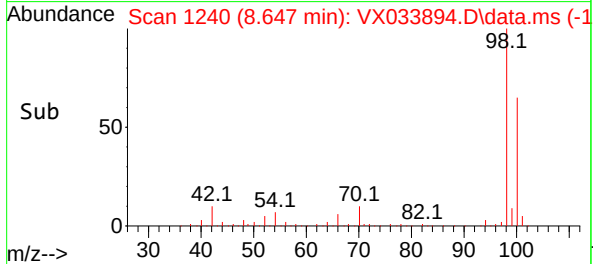
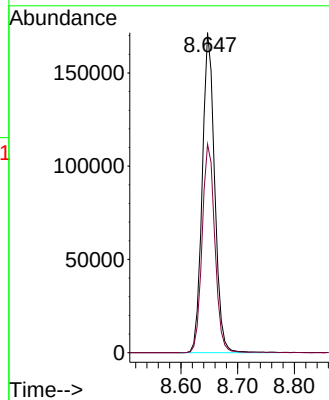
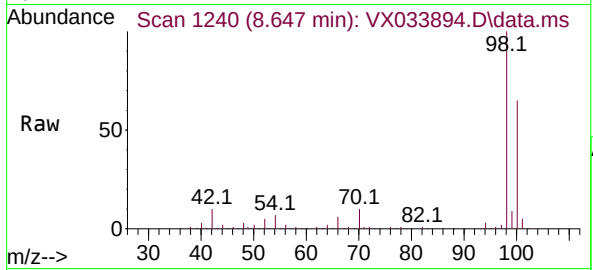




#50
Toluene-d8
Concen: 50.275 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

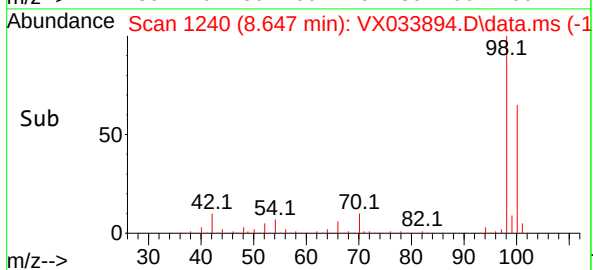
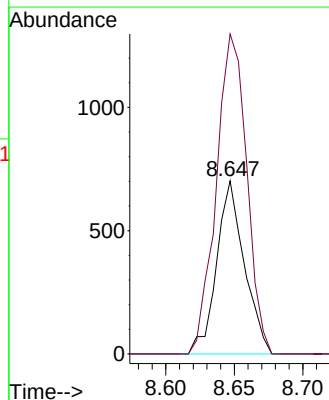
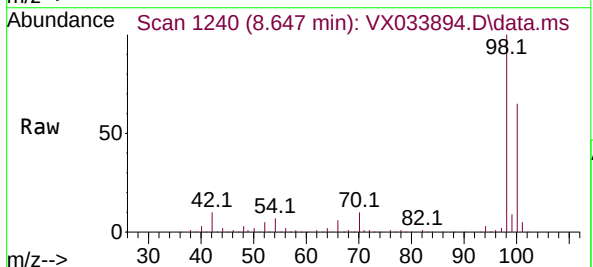
Instrument :
MSVOA_X
ClientSampleId :

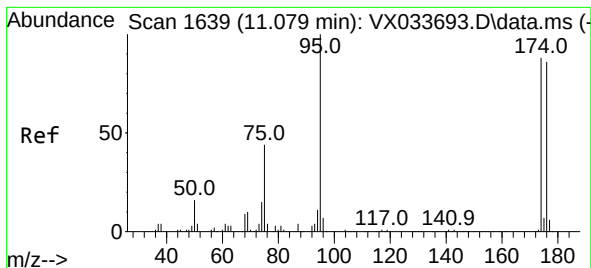
Tgt Ion: 98 Resp: 260049
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 203.0 31.2 46.8#

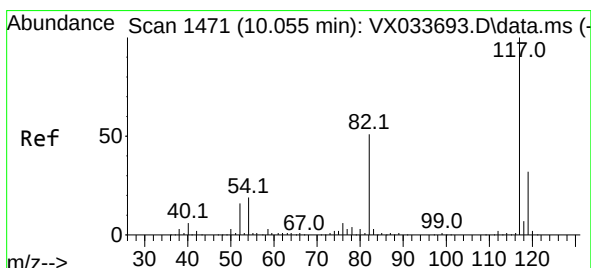
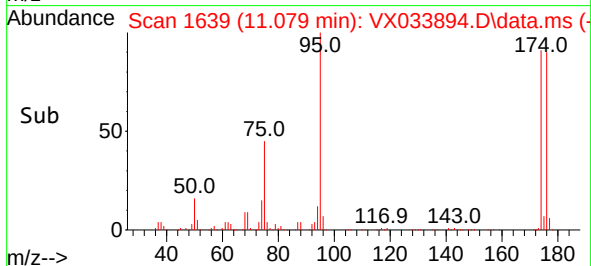
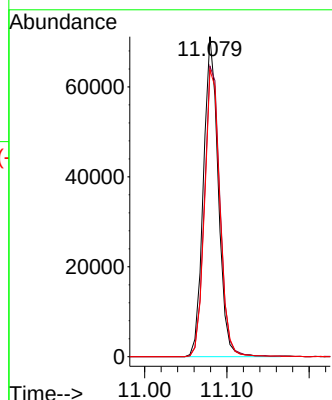
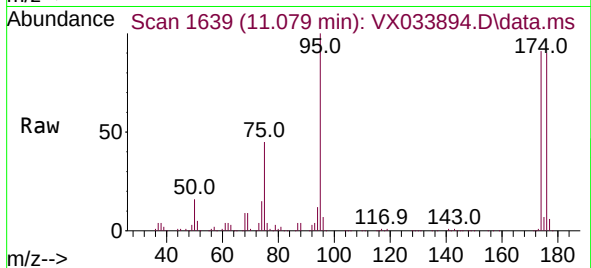




#62
4-Bromofluorobenzene
Concen: 46.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

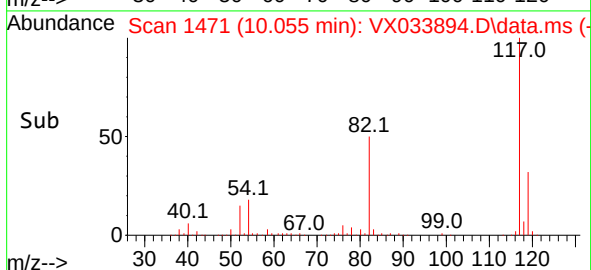
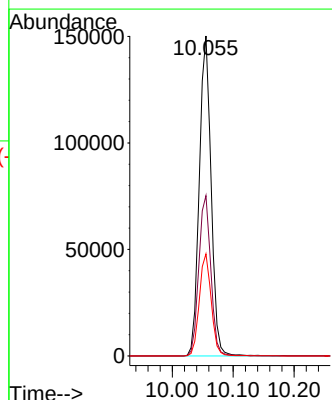
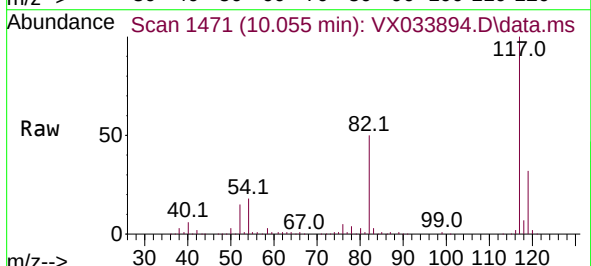
Instrument :
MSVOA_X
ClientSampleId :

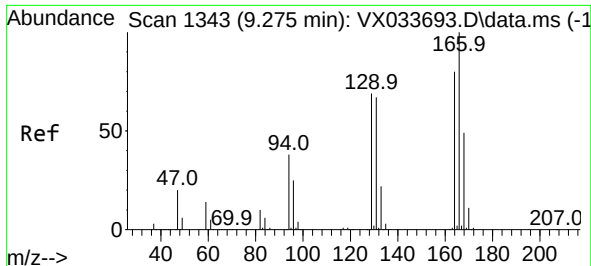
Tgt Ion: 95 Resp: 89436
Ion Ratio Lower Upper
95 100
174 95.3 0.0 184.4
176 92.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

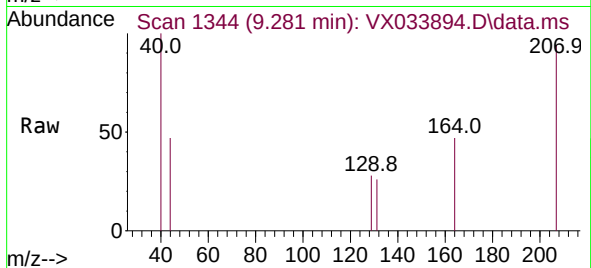
Tgt Ion: 117 Resp: 202119
Ion Ratio Lower Upper
117 100
82 50.1 40.6 60.8
119 31.9 25.6 38.4



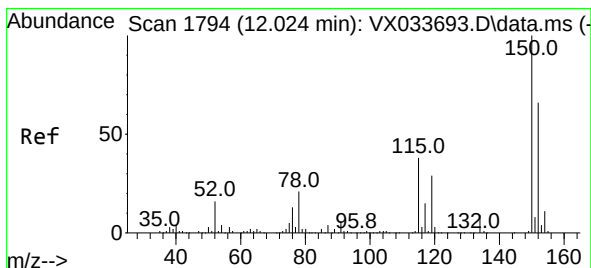
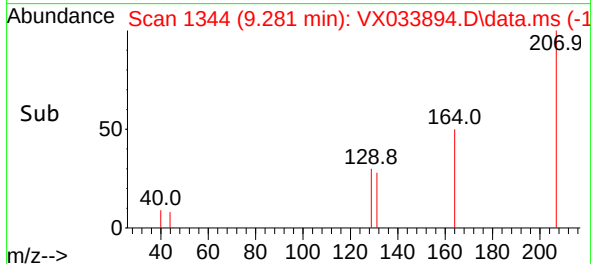
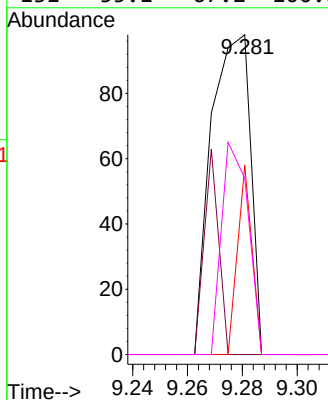


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

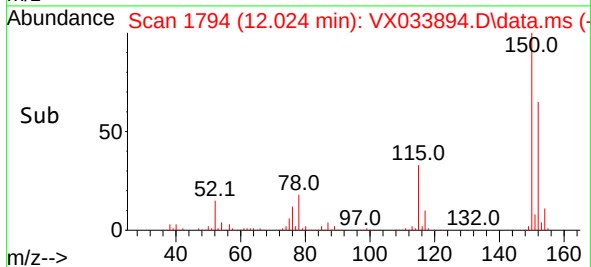
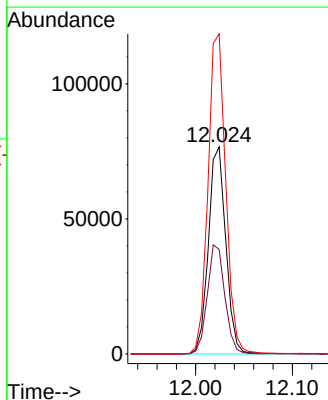
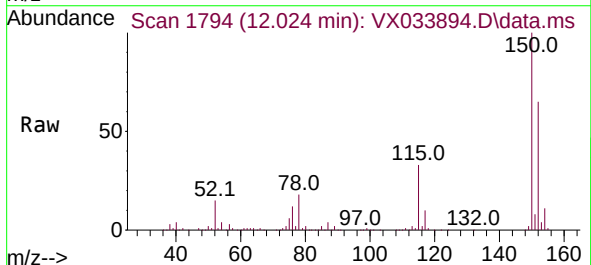


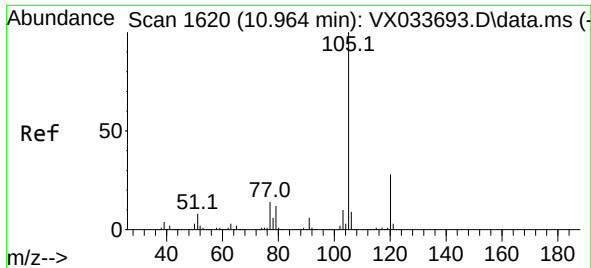
Tgt Ion:164 Resp: 97
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.2#
129 59.2 69.2 103.8#
131 55.1 67.2 100.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

Tgt Ion:152 Resp: 96132
Ion Ratio Lower Upper
152 100
115 53.3 38.7 116.1
150 157.3 0.0 348.2

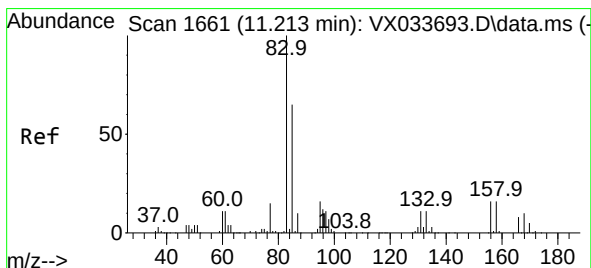
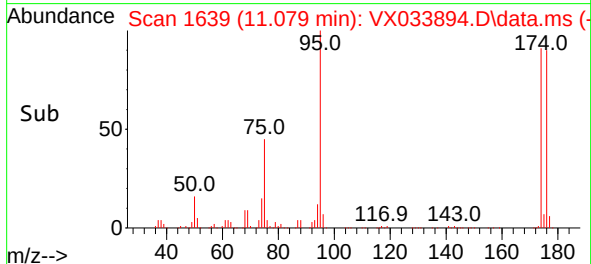
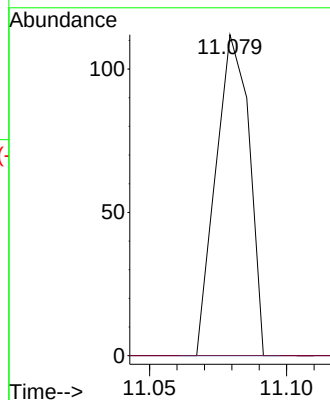
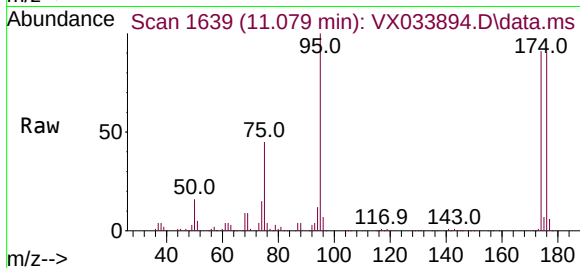




#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

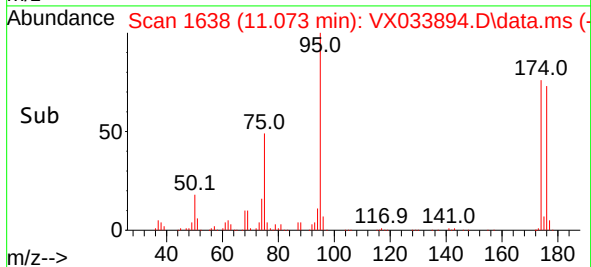
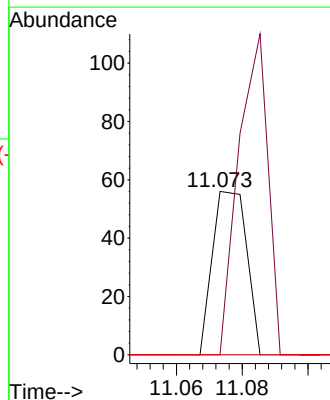
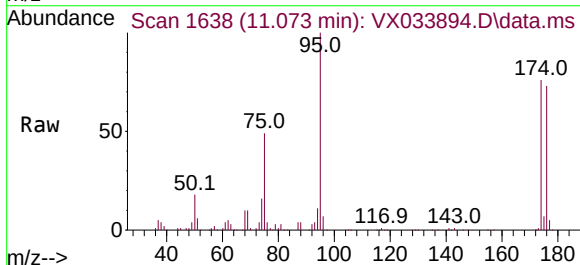
Instrument :
MSVOA_X
ClientSampleId :

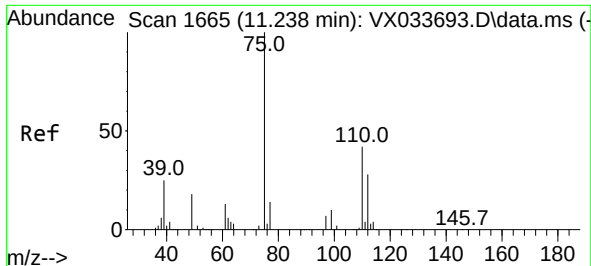
Tgt Ion:105 Resp: 95
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.073 min Scan# 1638
Delta R.T. -0.140 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

Tgt Ion: 83 Resp: 41
Ion Ratio Lower Upper
83 100
131 165.9 5.5 16.7#
85 0.0 32.3 96.9#

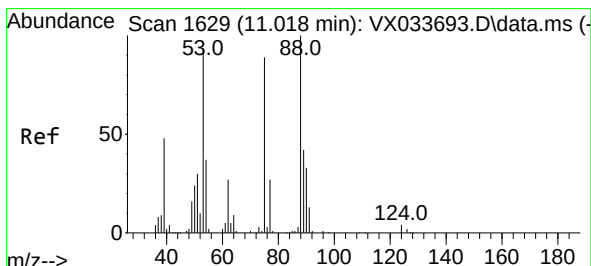
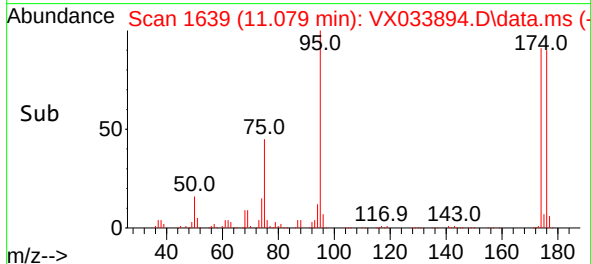
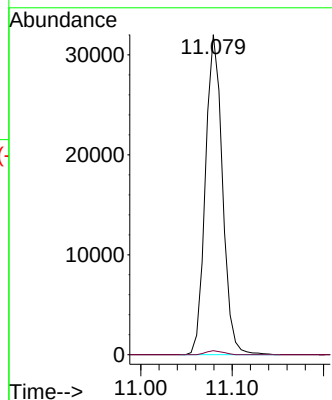
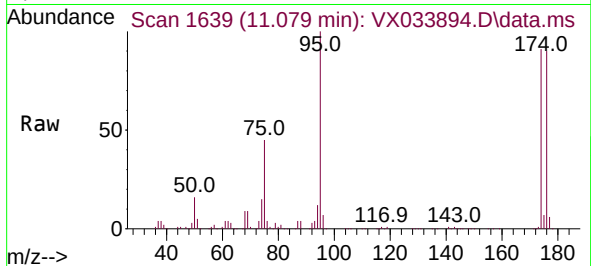




#76
1,2,3-Trichloropropane
Concen: 23.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 41322
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033894.D
Acq: 25 Jan 2023 17:44

Tgt Ion: 75 Resp: 41322
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

