

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032787.D
 Acq On : 14 Nov 2022 12:22
 Operator : JC/MD
 Sample : N5558-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20221109DL

Quant Time: Nov 15 05:07:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

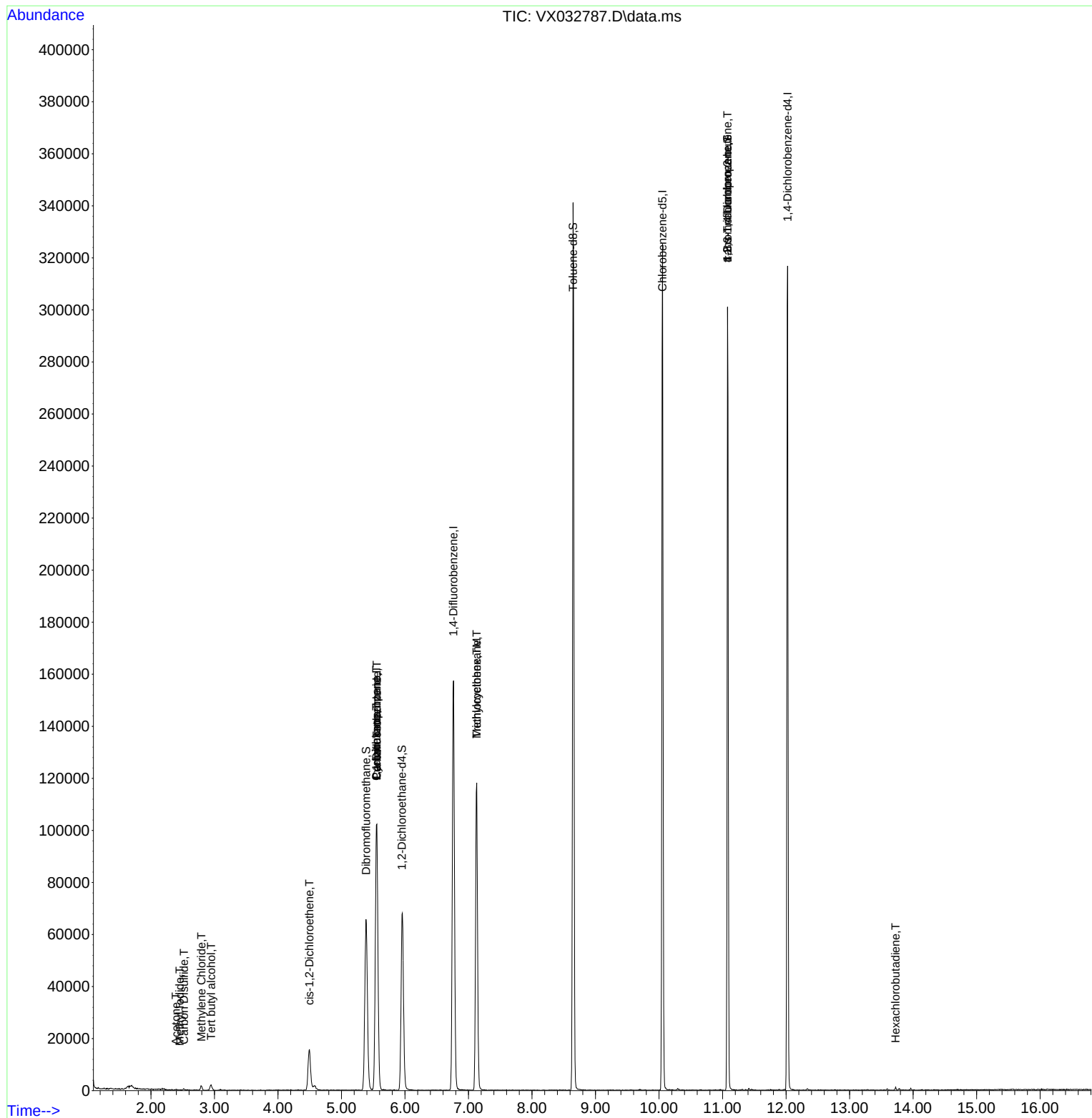
Internal Standards						
1) Pentafluorobenzene	5.556	168	98658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69084	50.396	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.800%
35) Dibromofluoromethane	5.385	113	56074	48.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.920%
50) Toluene-d8	8.647	98	200368	49.795	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.079	95	72554	46.159	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.320%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	93	1.992	ug/l #	37
11) Tert butyl alcohol	2.947	59	1325	6.641	ug/l #	72
16) Acetone	2.392	43	306	0.614	ug/l #	45
17) Carbon Disulfide	2.520	76	643	0.273	ug/l #	74
20) Methylene Chloride	2.794	84	875	0.766	ug/l #	73
27) cis-1,2-Dichloroethene	4.495	96	10263	8.244	ug/l	88
31) Cyclohexane	5.550	56	2211	1.330	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	7749	4.809	ug/l #	45
38) Carbon Tetrachloride	5.556	117	10123	5.664	ug/l #	16
39) Methylcyclohexane	7.129	83	542	0.284	ug/l #	1
44) Trichloroethene	7.129	130	45115	35.144	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	40775	27.274	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40775	86.787	ug/l #	6
94) Hexachlorobutadiene	13.725	225	239	0.361	ug/l	86

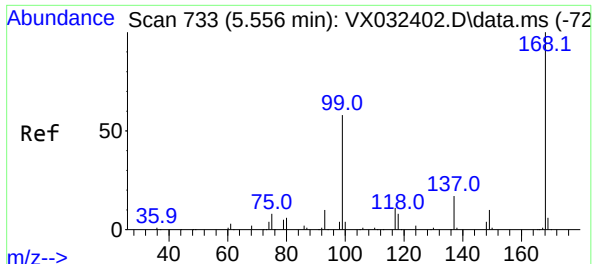
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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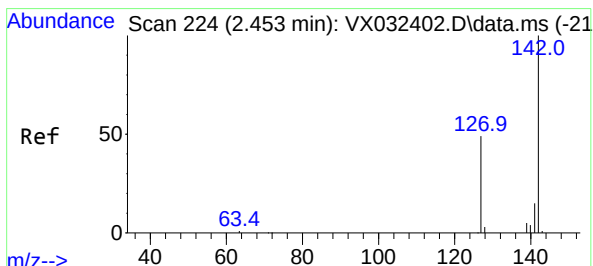
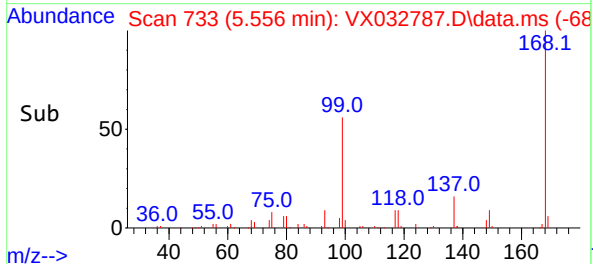
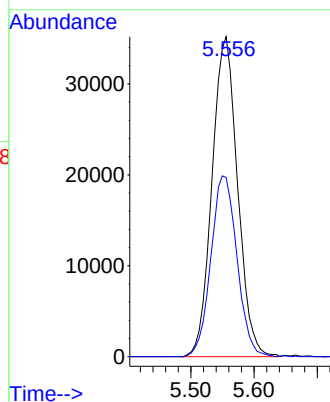
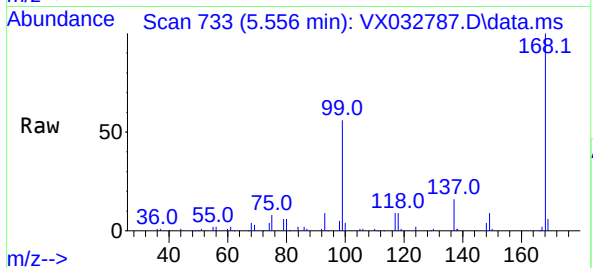




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

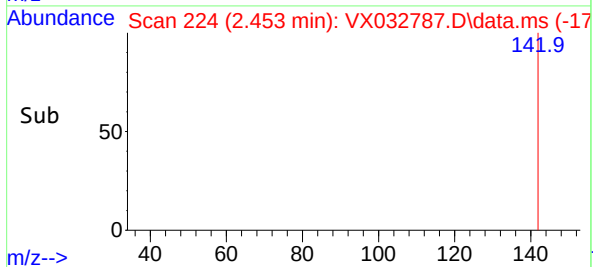
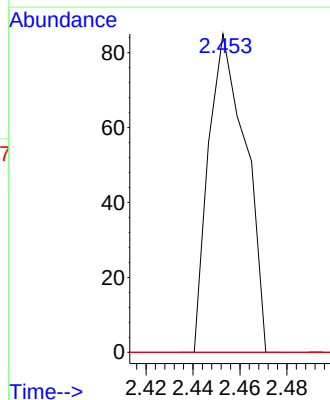
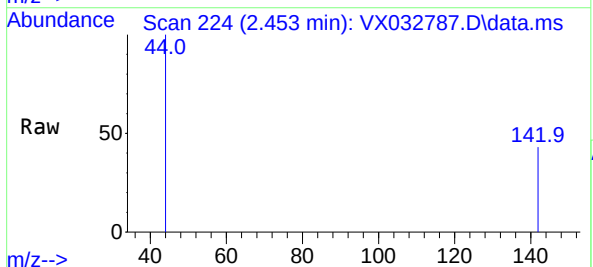
Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109DL

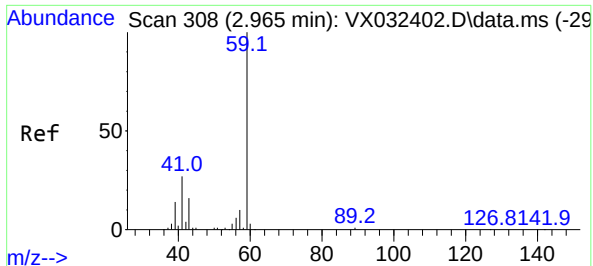
Tgt Ion:168 Resp: 98658
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1



#10
Methyl Iodide
Concen: 1.992 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

Tgt Ion:142 Resp: 93
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 6.641 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032787.D

Acq: 14 Nov 2022 12:22

Instrument :

MSVOA_X

ClientSampleId :

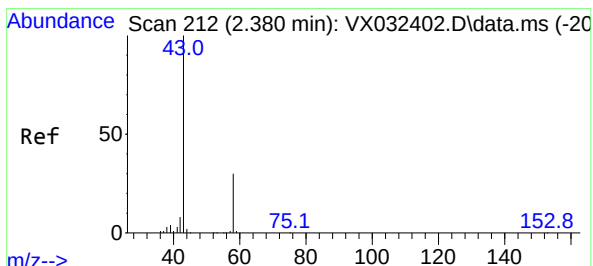
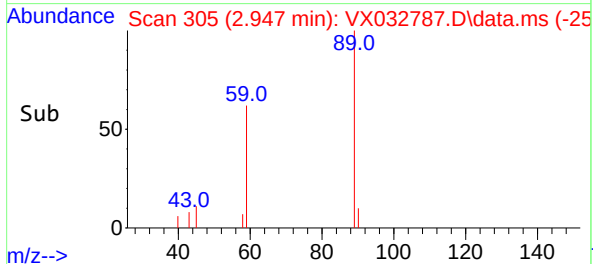
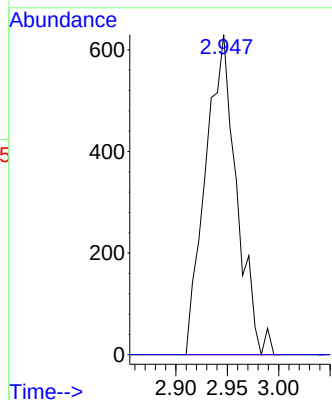
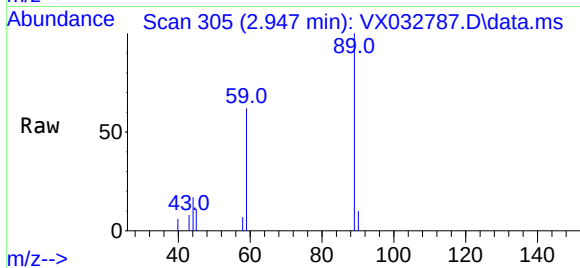
45BR-20221109DL

Tgt Ion: 59 Resp: 1325

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.614 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032787.D

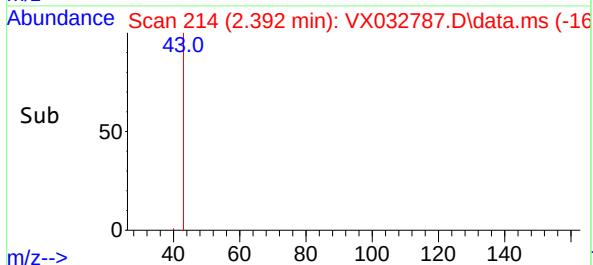
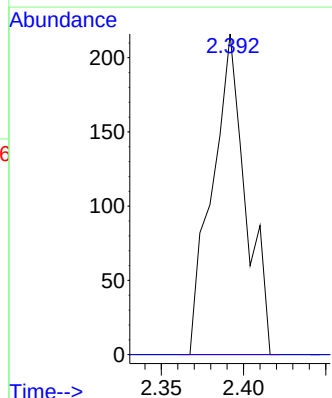
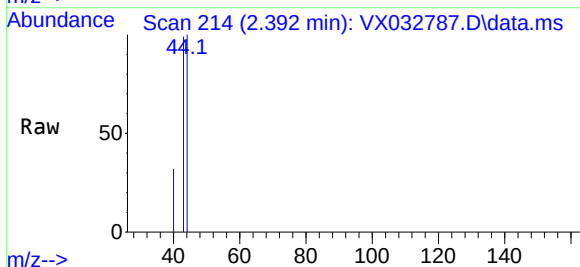
Acq: 14 Nov 2022 12:22

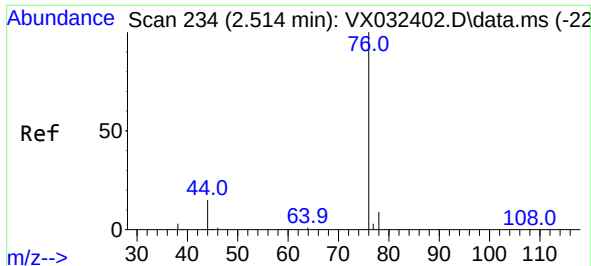
Tgt Ion: 43 Resp: 306

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.273 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032787.D

Acq: 14 Nov 2022 12:22

Instrument :

MSVOA_X

ClientSampleId :

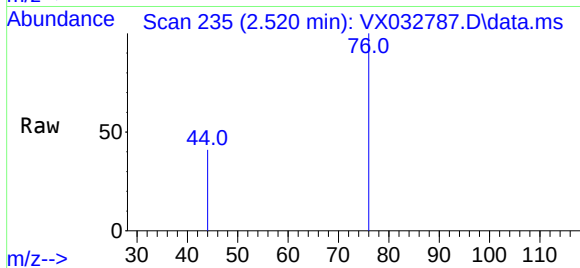
45BR-20221109DL

Tgt Ion: 76 Resp: 643

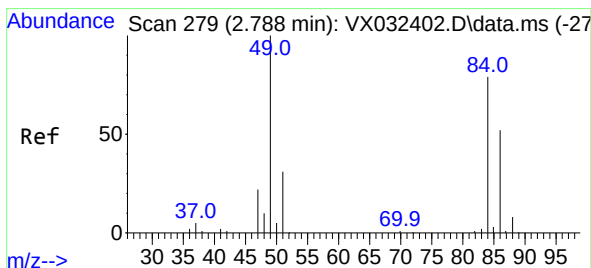
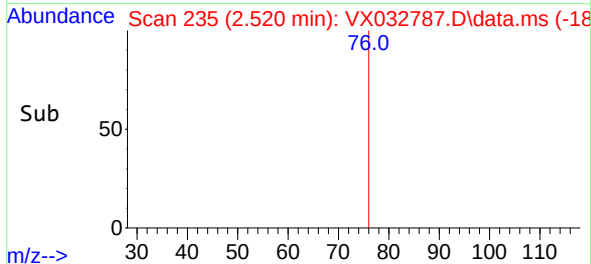
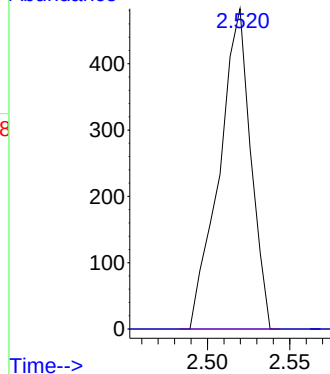
Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



Abundance



#20

Methylene Chloride

Concen: 0.766 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032787.D

Acq: 14 Nov 2022 12:22

Tgt Ion: 84 Resp: 875

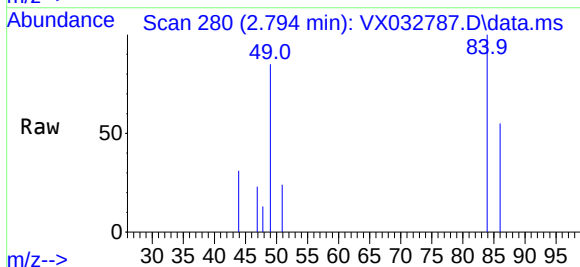
Ion Ratio Lower Upper

84 100

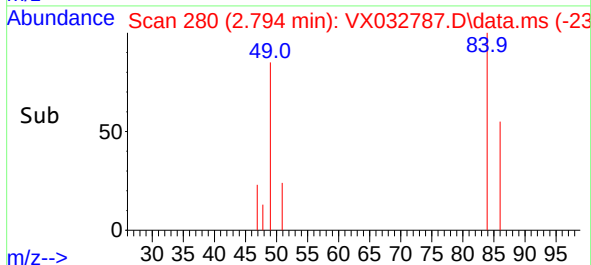
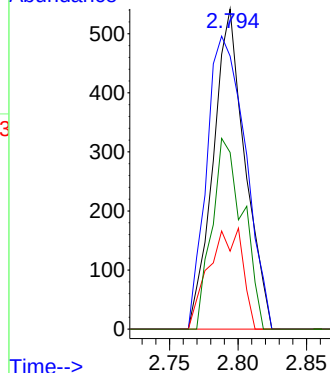
49 85.2 101.0 151.6#

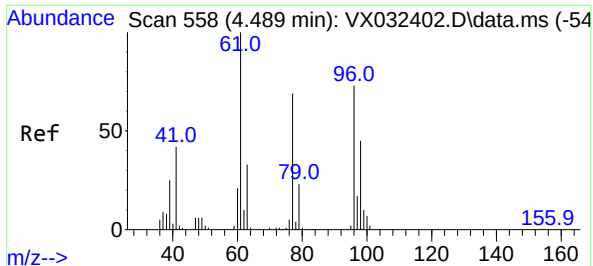
51 24.4 31.1 46.7#

86 55.2 52.3 78.5



Abundance



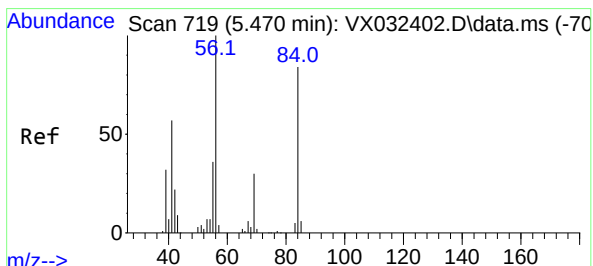
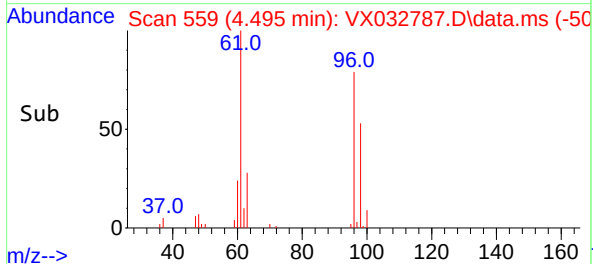
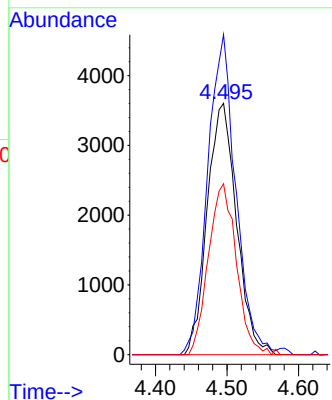
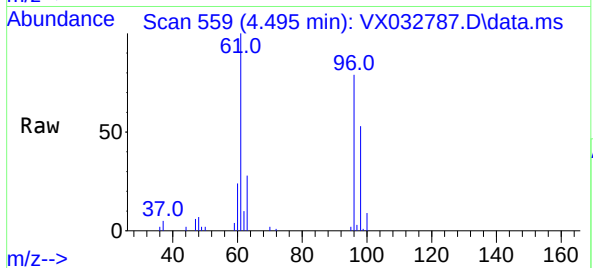


#27
 cis-1,2-Dichloroethene
 Concen: 8.244 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX032787.D
 Acq: 14 Nov 2022 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20221109DL

Tgt Ion: 96 Resp: 10263

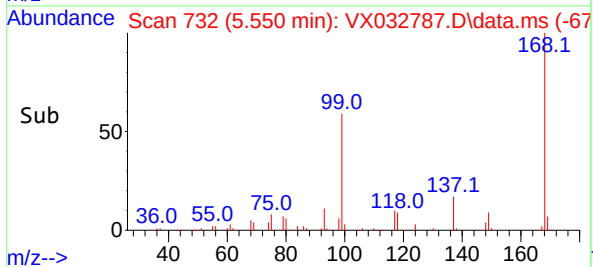
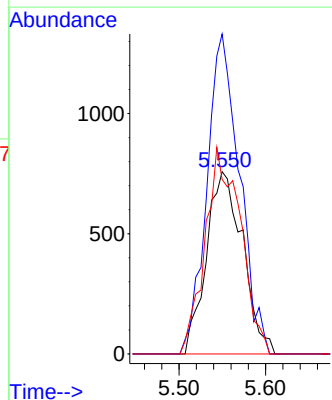
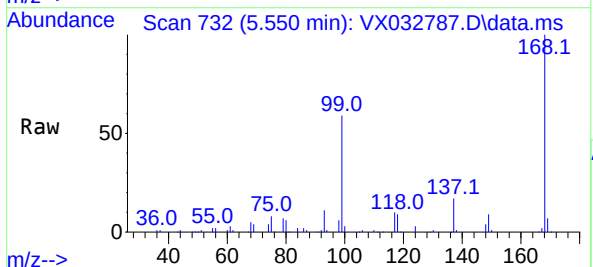
Ion	Ratio	Lower	Upper
96	100		
61	121.9	0.0	286.0
98	64.9	0.0	129.6

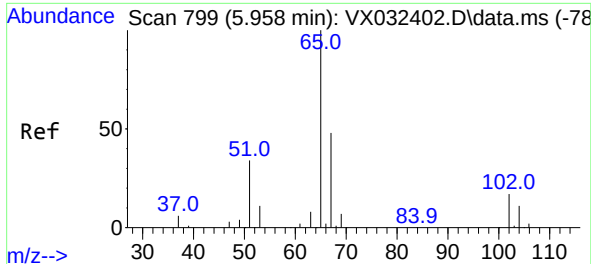


#31
 Cyclohexane
 Concen: 1.330 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX032787.D
 Acq: 14 Nov 2022 12:22

Tgt Ion: 56 Resp: 2211

Ion	Ratio	Lower	Upper
56	100		
69	175.6	24.1	36.1#
84	95.8	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 50.396 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032787.D

Acq: 14 Nov 2022 12:22

Instrument :

MSVOA_X

ClientSampleId :

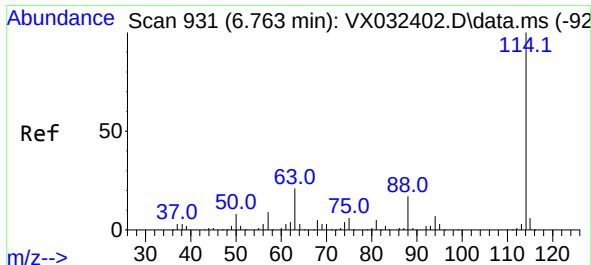
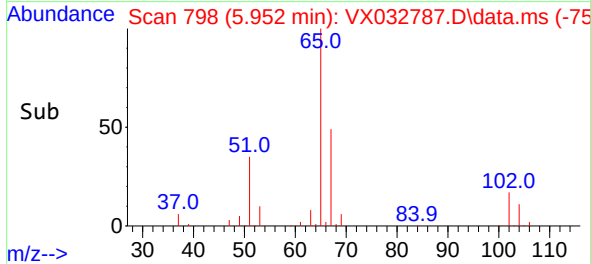
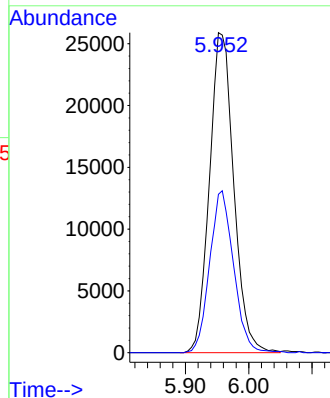
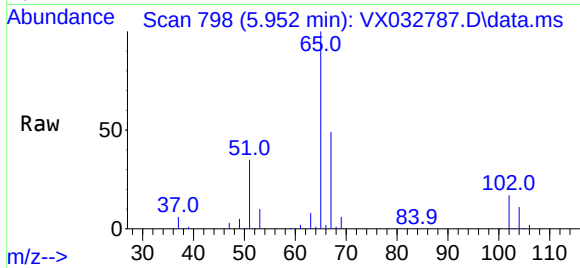
45BR-20221109DL

Tgt Ion: 65 Resp: 69084

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032787.D

Acq: 14 Nov 2022 12:22

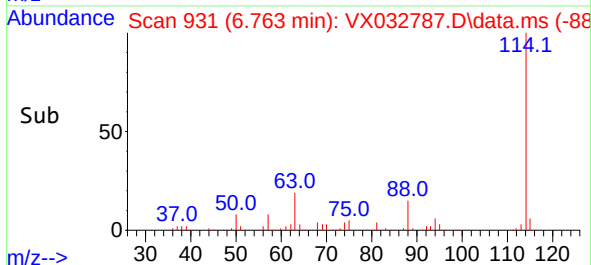
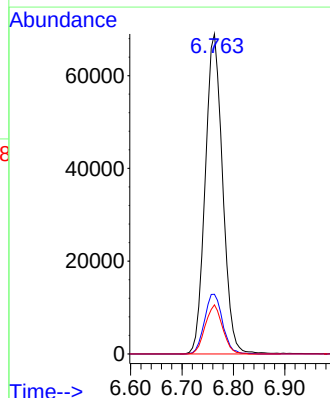
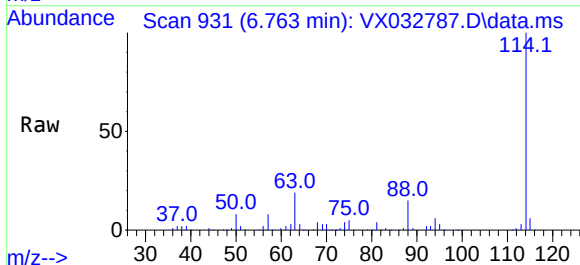
Tgt Ion: 114 Resp: 162231

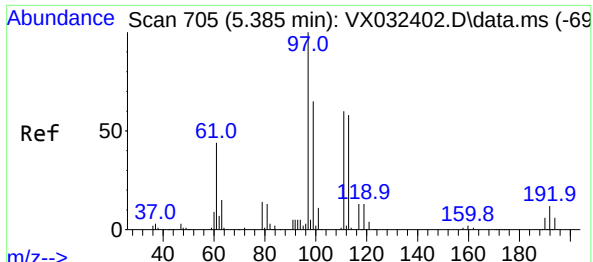
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.3 0.0 33.4

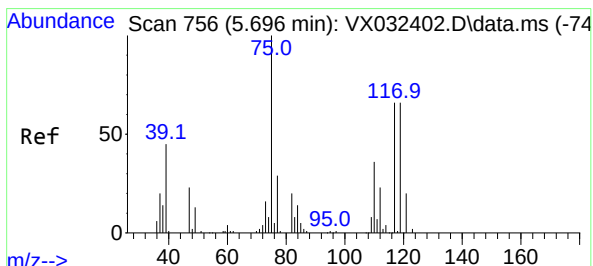
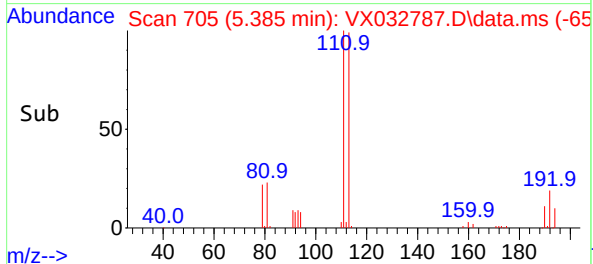
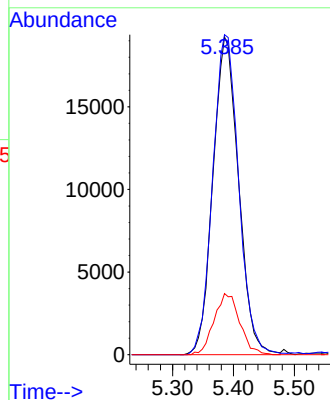
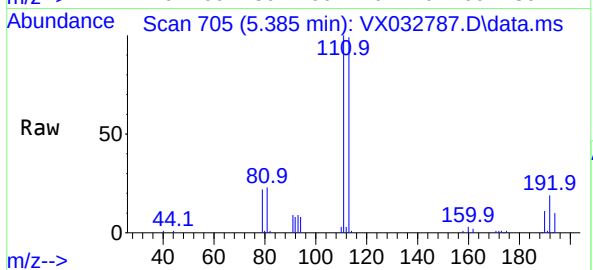




#35
Dibromofluoromethane
Concen: 48.456 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

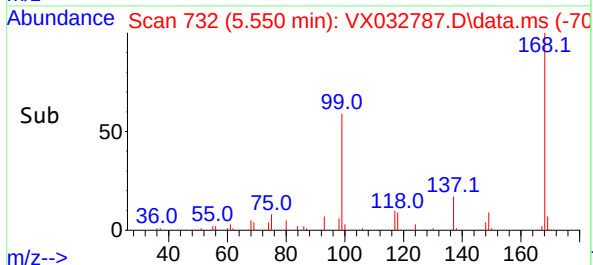
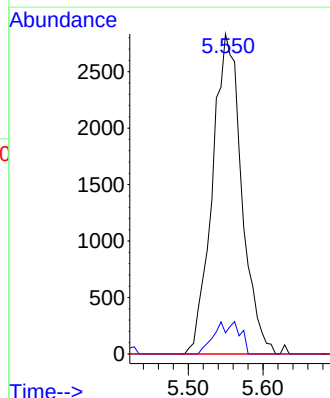
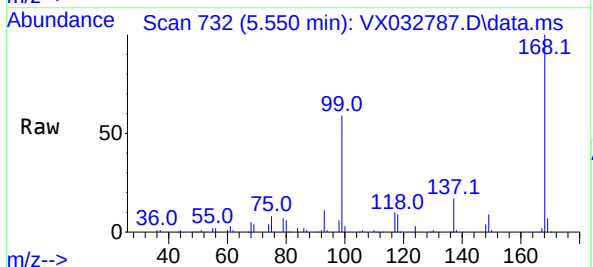
Instrument :
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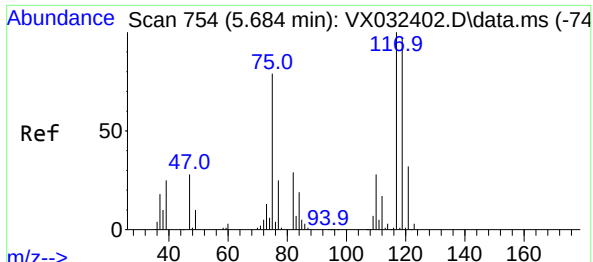
Tgt Ion:113 Resp: 56074
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.809 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

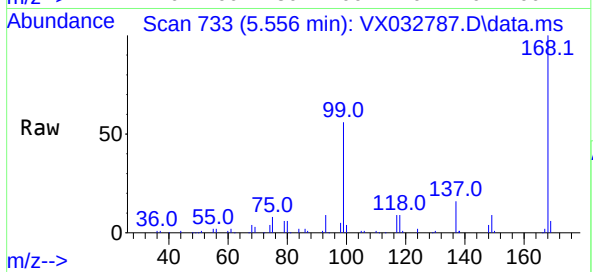
Tgt Ion: 75 Resp: 7749
Ion Ratio Lower Upper
75 100
110 4.5 18.4 55.2#
77 0.0 24.5 36.7#



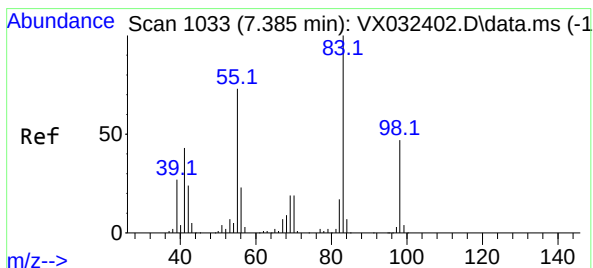
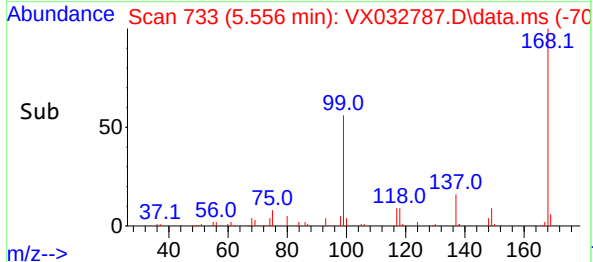
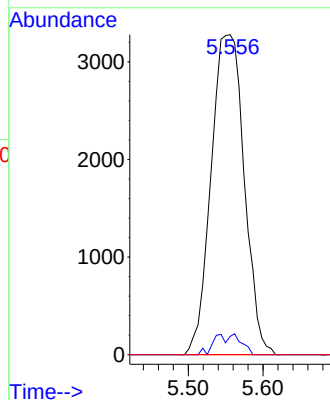


#38
Carbon Tetrachloride
Concen: 5.664 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109DL

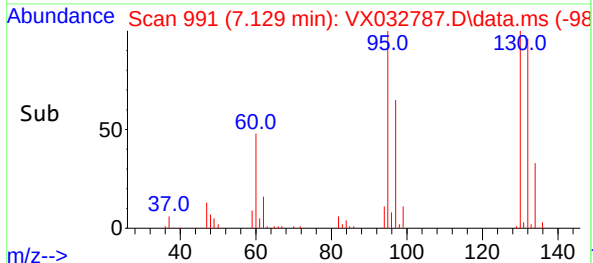
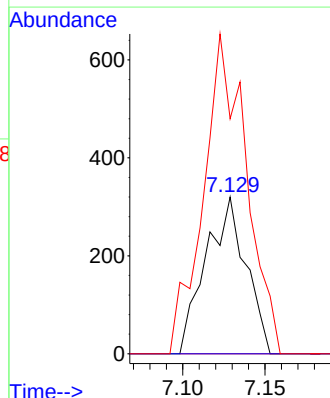
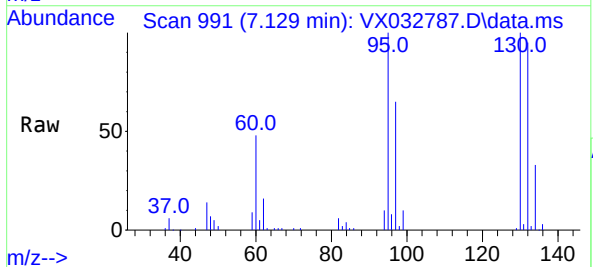


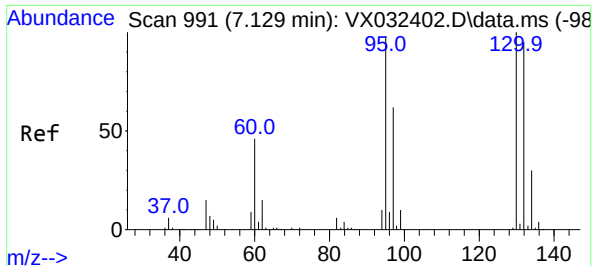
Tgt Ion:117 Resp: 10123
Ion Ratio Lower Upper
117 100
119 5.7 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.284 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

Tgt Ion: 83 Resp: 542
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 150.0 37.2 55.8#

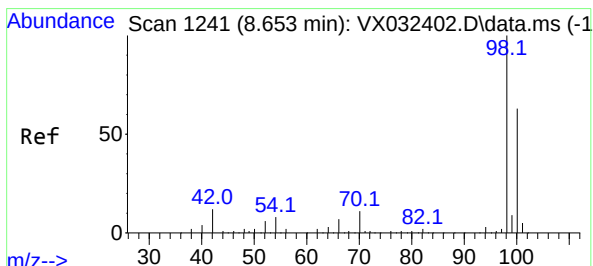
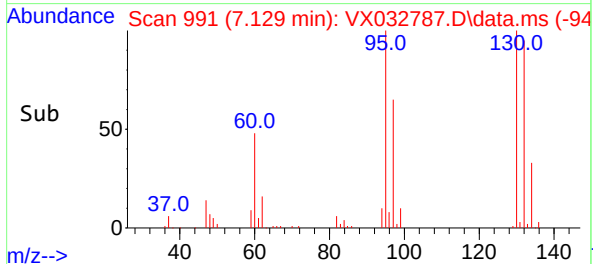
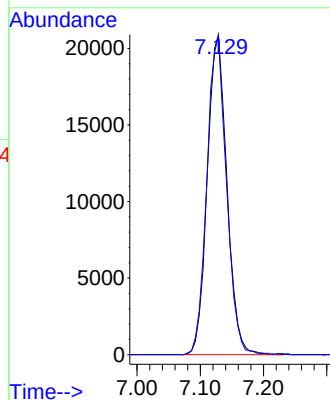
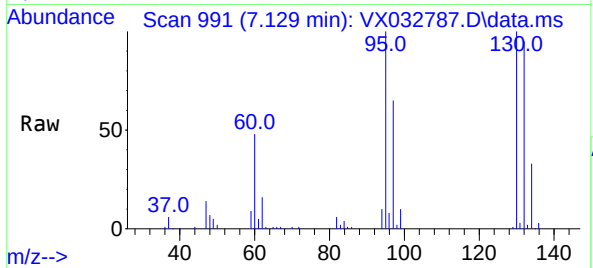




#44
Trichloroethene
Concen: 35.144 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

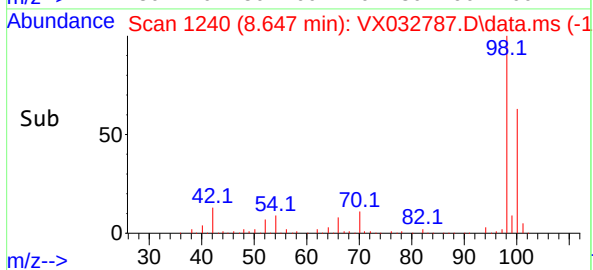
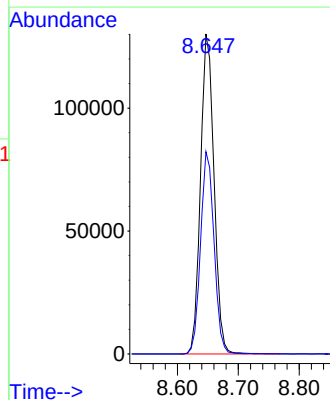
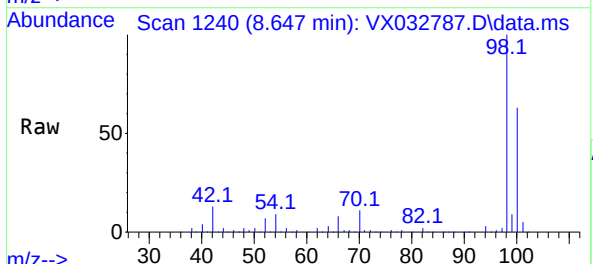
Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109DL

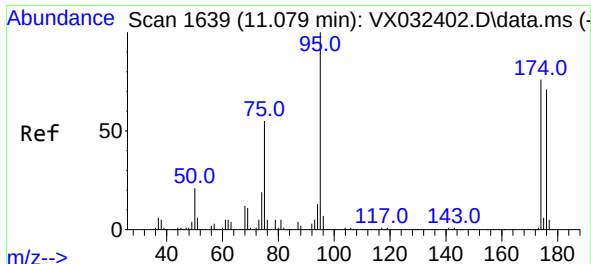
Tgt Ion:130 Resp: 45115
Ion Ratio Lower Upper
130 100
95 99.7 0.0 195.2



#50
Toluene-d8
Concen: 49.795 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

Tgt Ion: 98 Resp: 200368
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

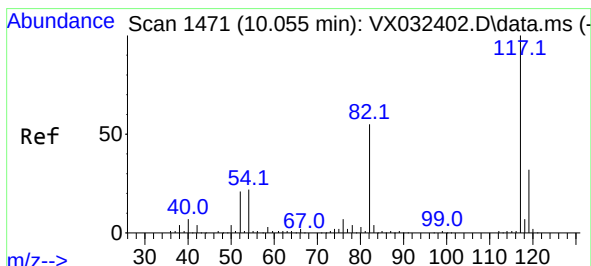
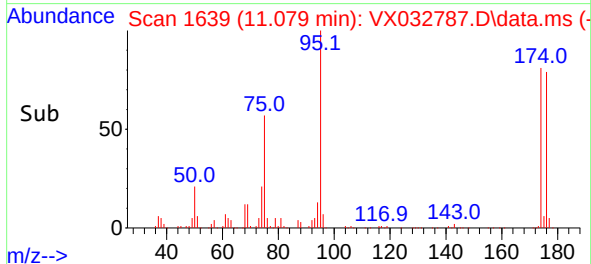
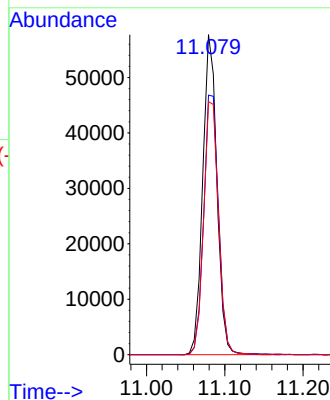
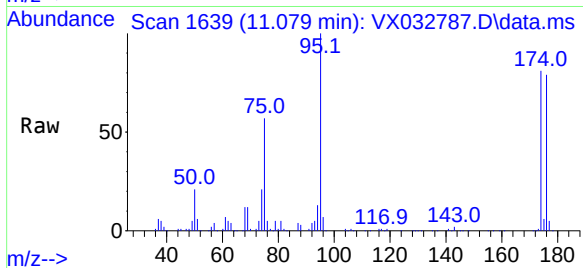




#62
4-Bromofluorobenzene
Concen: 46.159 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

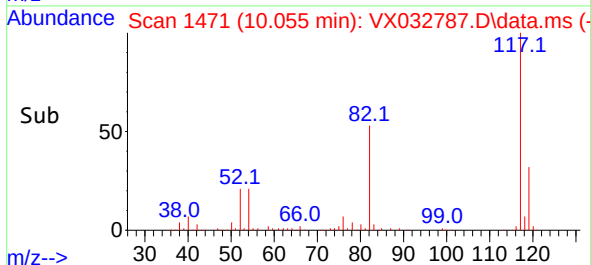
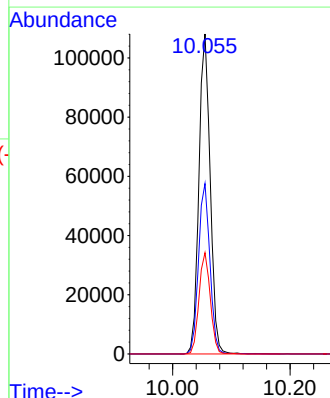
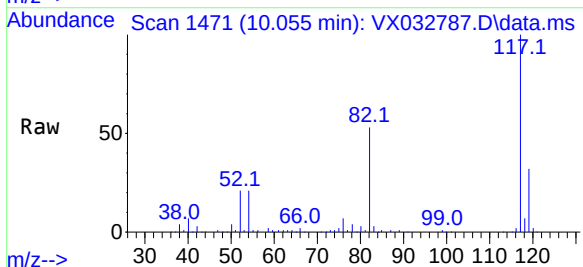
Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109DL

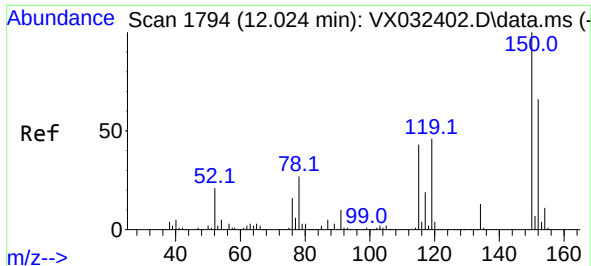
Tgt Ion: 95 Resp: 72554
Ion Ratio Lower Upper
95 100
174 85.3 0.0 164.0
176 83.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

Tgt Ion: 117 Resp: 143729
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 31.7 25.7 38.5

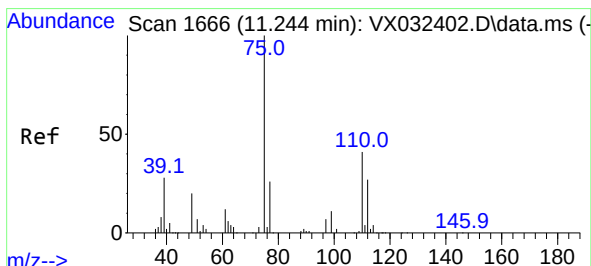
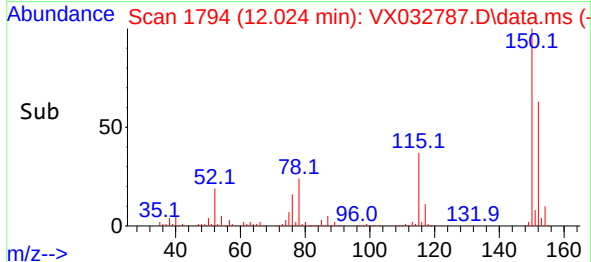
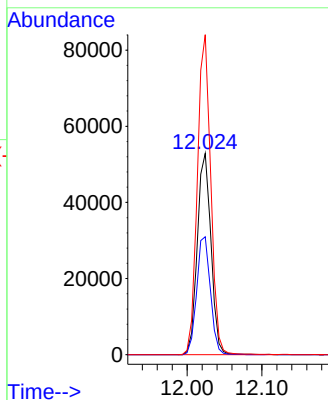
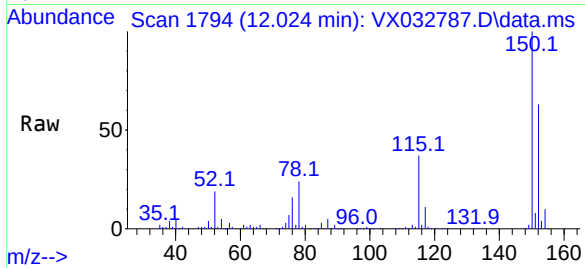




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032787.D
 Acq: 14 Nov 2022 12:22

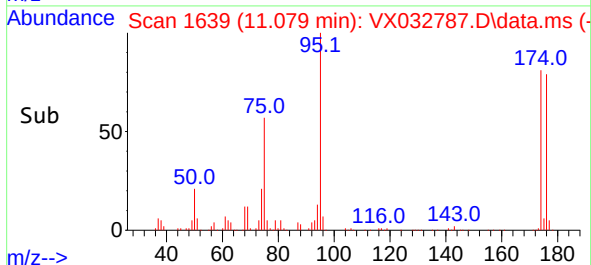
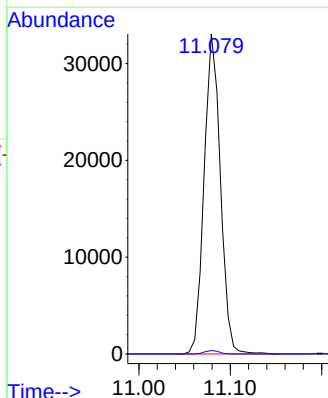
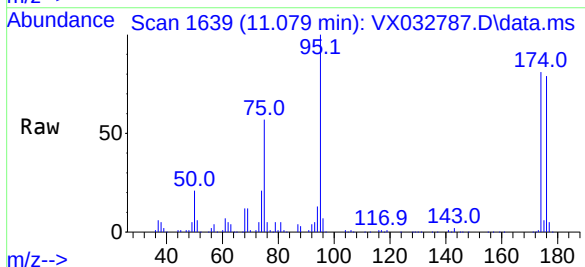
Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20221109DL

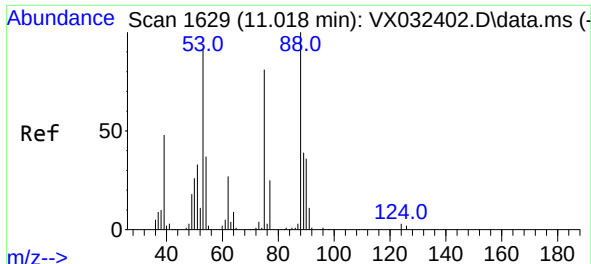
Tgt Ion:152 Resp: 67199
 Ion Ratio Lower Upper
 152 100
 115 58.9 44.0 132.0
 150 155.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.274 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032787.D
 Acq: 14 Nov 2022 12:22

Tgt Ion: 75 Resp: 40775
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 60.0#

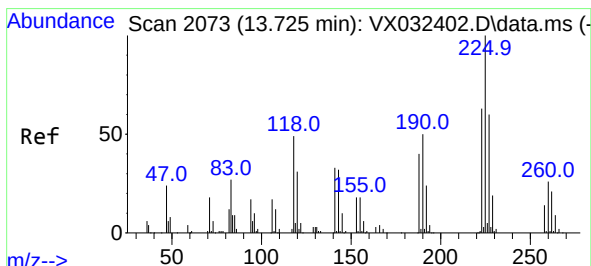
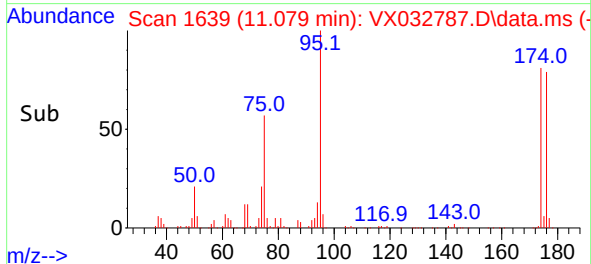
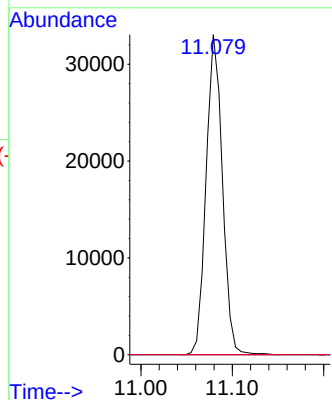
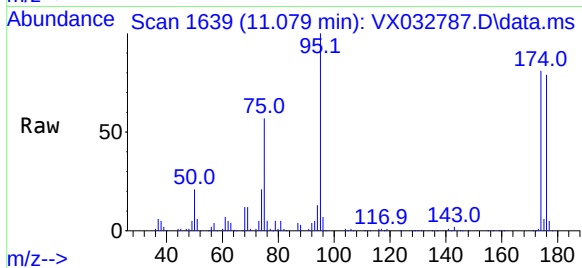




#81
trans-1,4-Dichloro-2-butene
Concen: 86.787 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

Instrument :
MSVOA_X
ClientSampleId :
45BR-20221109DL

Tgt Ion: 75 Resp: 40775
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.361 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032787.D
Acq: 14 Nov 2022 12:22

Tgt Ion: 225 Resp: 239
Ion Ratio Lower Upper
225 100
223 57.7 31.9 95.9
227 48.1 31.9 95.5

