

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032735.D
 Acq On : 10 Nov 2022 17:50
 Operator : JC/MD
 Sample : N5558-10DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 08BR-20221109DL

Quant Time: Nov 11 00:37:56 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)

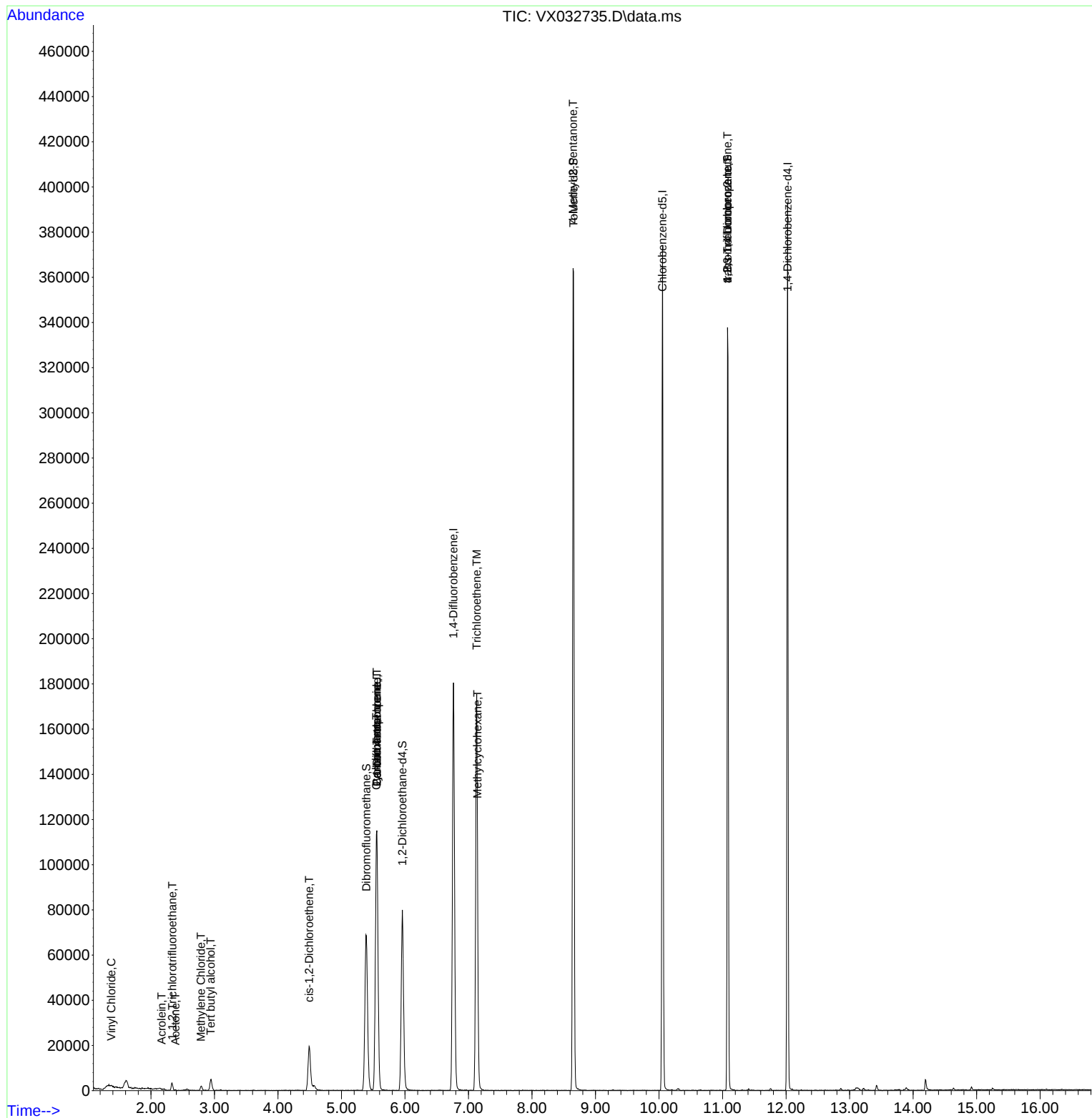
Internal Standards						
1) Pentafluorobenzene	5.556	168	107900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76970	51.339	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.680%	
35) Dibromofluoromethane	5.391	113	59683	46.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.320%	
50) Toluene-d8	8.653	98	220010	49.461	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	11.079	95	85579	49.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.500%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.373	62	408	0.352	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	1166	1.007	ug/l	98
11) Tert butyl alcohol	2.940	59	2885	13.221	ug/l #	72
13) Acrolein	2.166	56	44	0.202	ug/l #	2
16) Acetone	2.385	43	256	0.470	ug/l #	45
20) Methylene Chloride	2.788	84	1101	0.881	ug/l #	73
27) cis-1,2-Dichloroethene	4.489	96	12719	9.342	ug/l	87
31) Cyclohexane	5.549	56	2449	1.347	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	8745	4.909	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11435	5.788	ug/l #	16
39) Methylcyclohexane	7.141	83	849	0.403	ug/l #	1
44) Trichloroethene	7.128	130	65813	46.377	ug/l	99
51) 4-Methyl-2-Pentanone	8.646	43	1136	0.633	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47639	27.856	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	47639	88.638	ug/l #	6

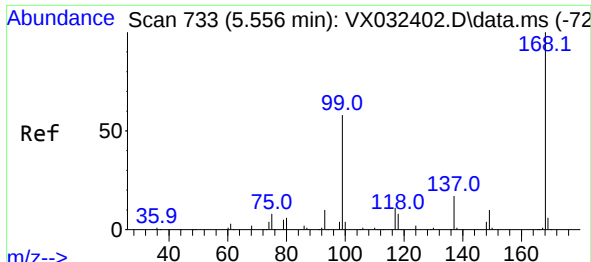
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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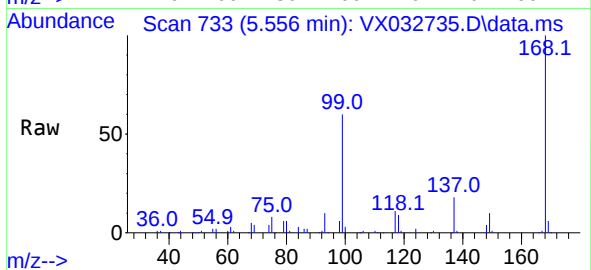
Quant Time: Nov 11 00:37:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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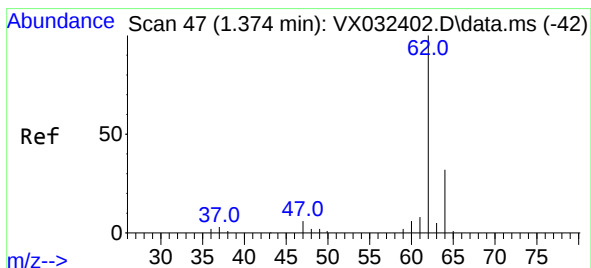
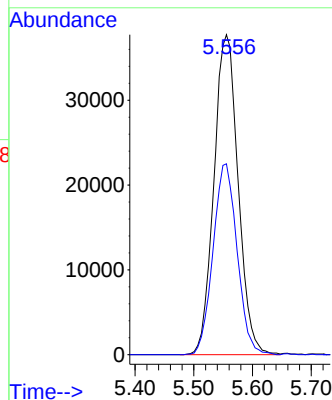


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109DL

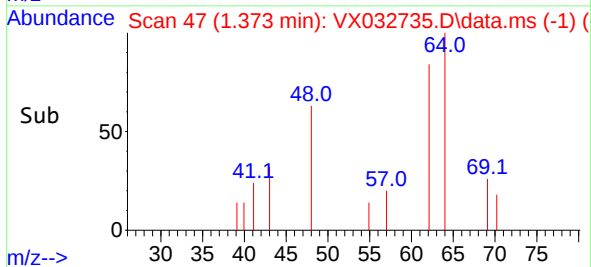
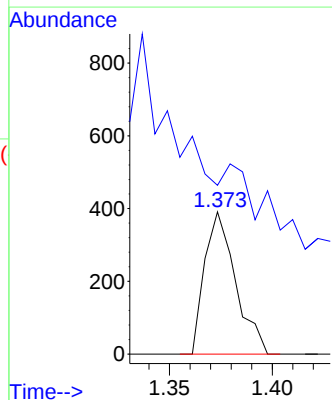
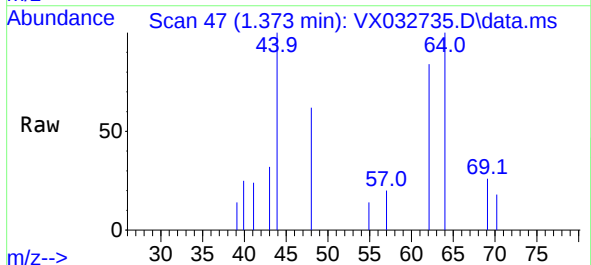


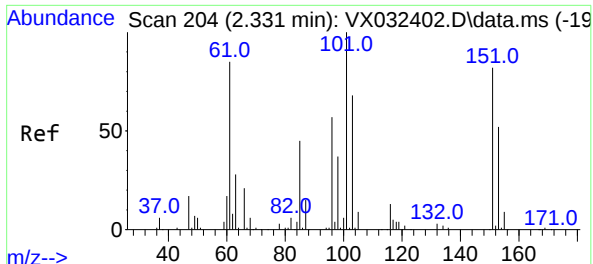
Tgt Ion:168 Resp: 107900
Ion Ratio Lower Upper
168 100
99 59.6 46.1 69.1



#4
Vinyl Chloride
Concen: 0.352 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

Tgt Ion: 62 Resp: 408
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6

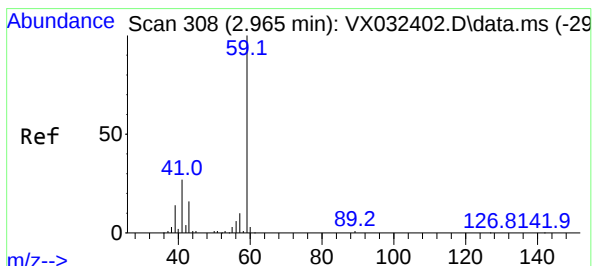
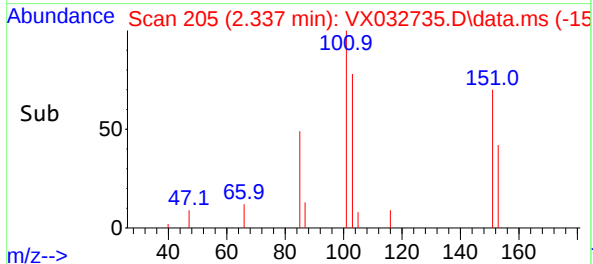
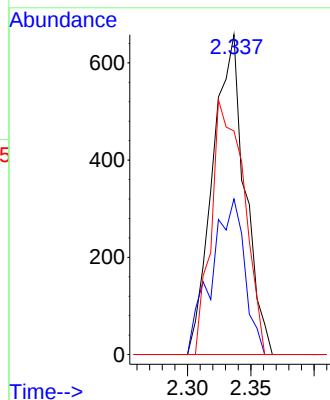
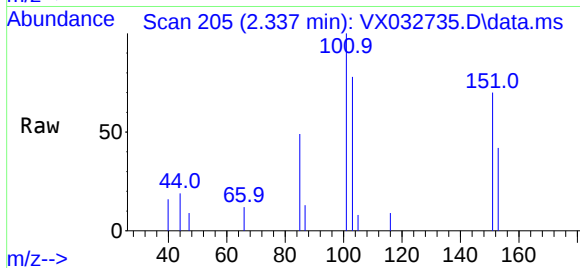




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.007 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

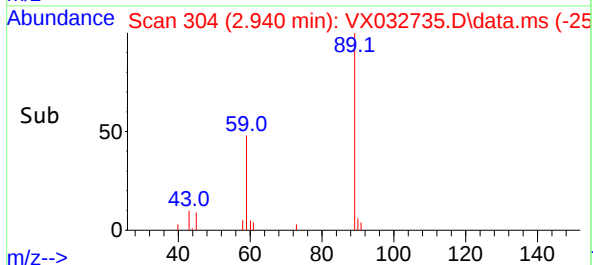
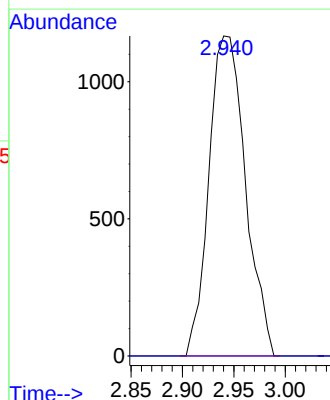
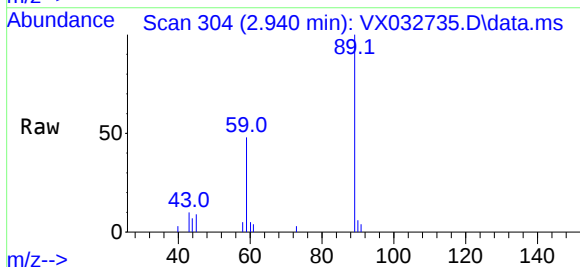
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109DL

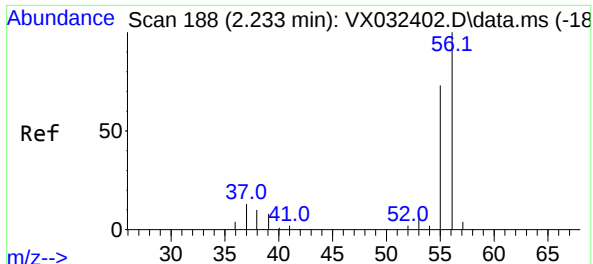
Tgt Ion:101 Resp: 1166
Ion Ratio Lower Upper
101 100
85 50.1 37.0 55.4
151 80.6 64.4 96.6



#11
Tert butyl alcohol
Concen: 13.221 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

Tgt Ion: 59 Resp: 2885
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.202 ug/l

RT: 2.166 min Scan# 11

Delta R.T. -0.067 min

Lab File: VX032735.D

Acq: 10 Nov 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

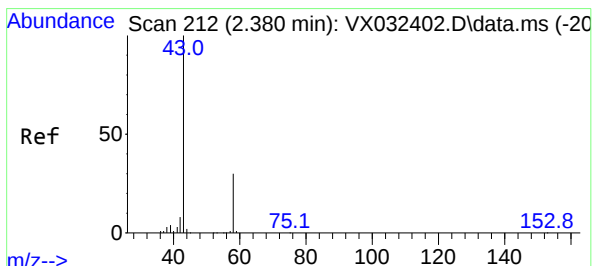
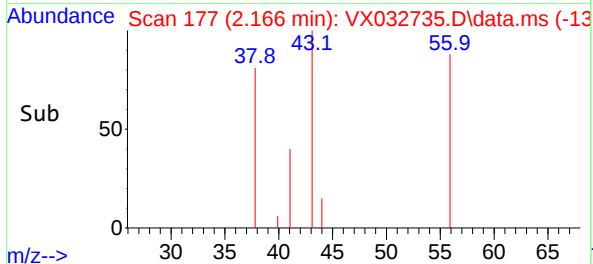
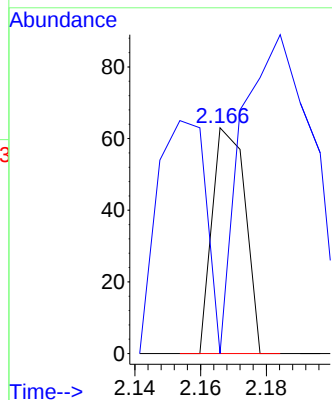
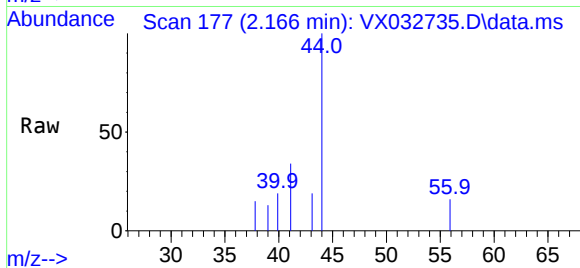
08BR-20221109DL

Tgt Ion: 56 Resp: 44

Ion Ratio Lower Upper

56 100

55 152.3 56.9 85.3#



#16

Acetone

Concen: 0.470 ug/l

RT: 2.385 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032735.D

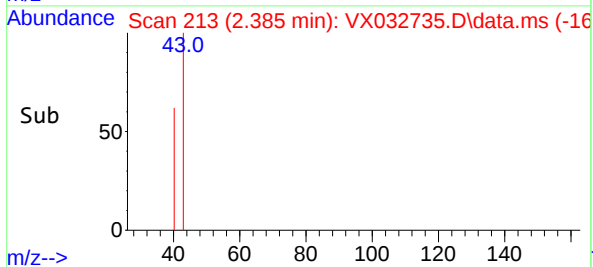
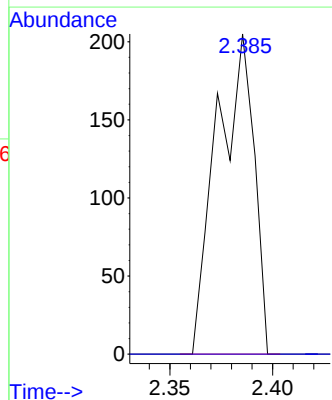
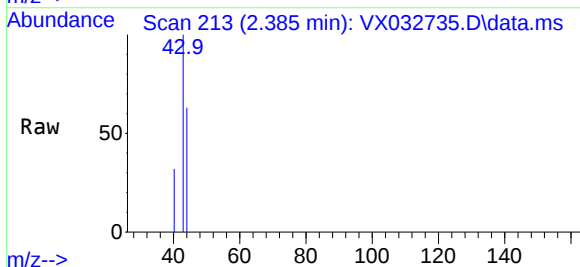
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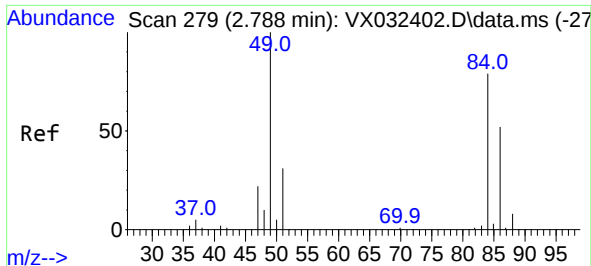
Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

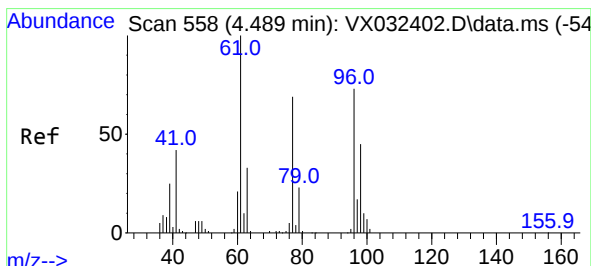
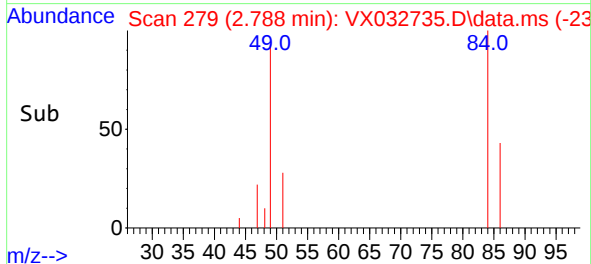
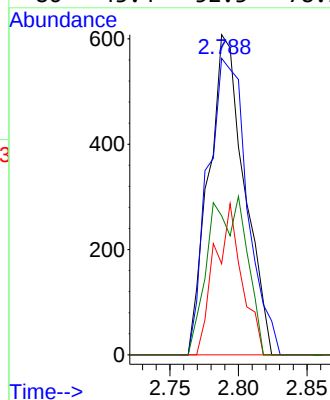
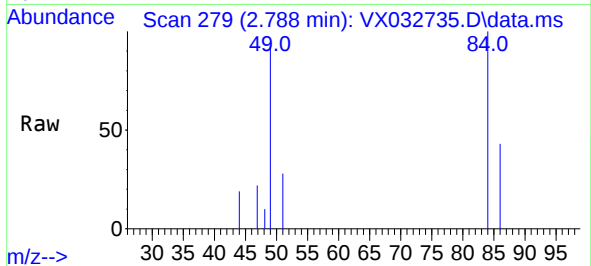




#20
Methylene Chloride
Concen: 0.881 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

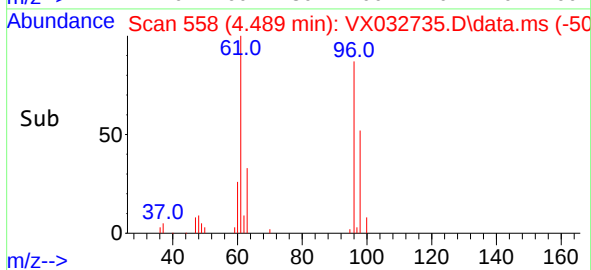
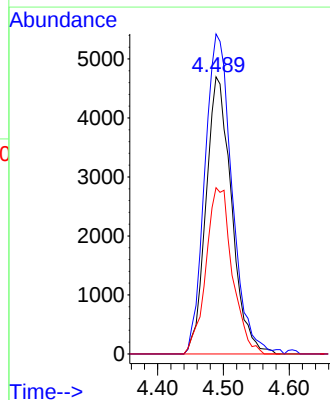
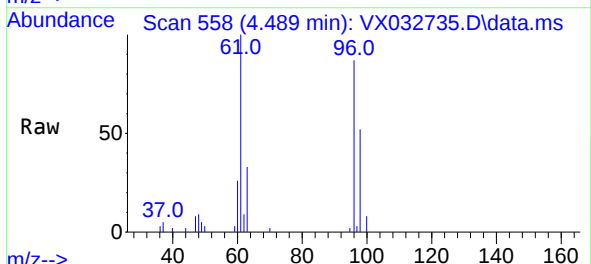
Instrument :
MSVOA_X
ClientSampleId :
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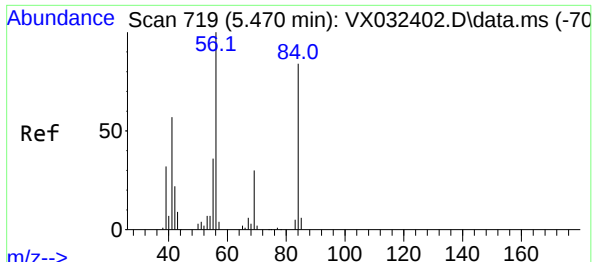
Tgt Ion:	84	Resp:	1101
Ion	Ratio	Lower	Upper
84	100		
49	92.6	101.0	151.6#
51	28.5	31.1	46.7#
86	43.4	52.3	78.5#



#27
cis-1,2-Dichloroethene
Concen: 9.342 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

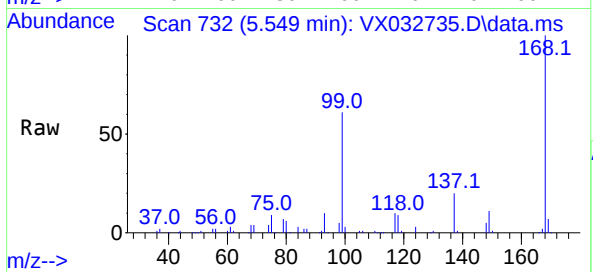
Tgt Ion:	96	Resp:	12719
Ion	Ratio	Lower	Upper
96	100		
61	122.7	0.0	286.0
98	61.6	0.0	129.6



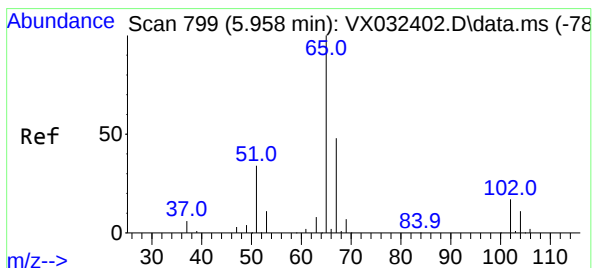
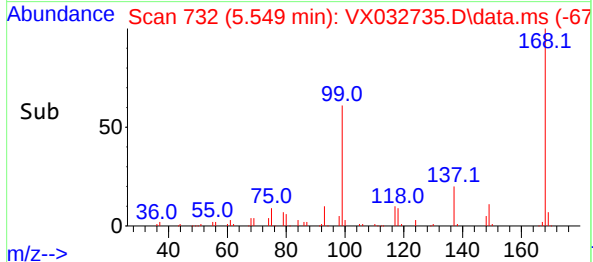
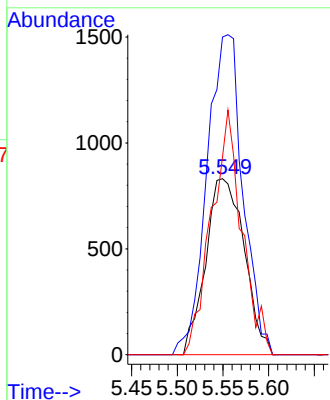


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109DL

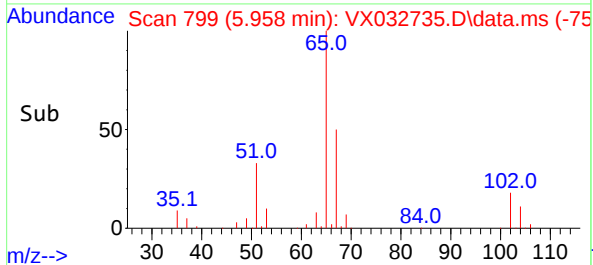
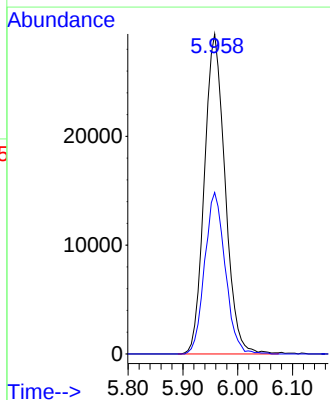
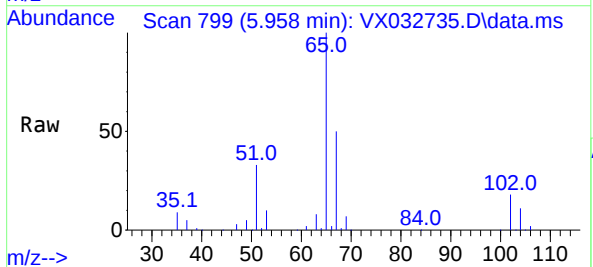


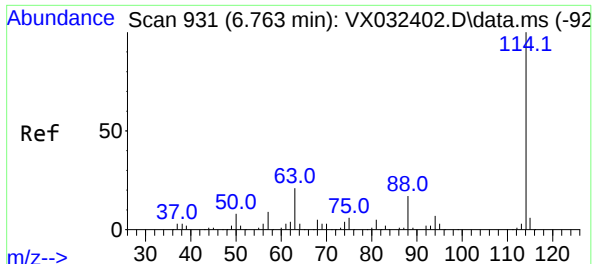
Tgt Ion: 56 Resp: 2449
Ion Ratio Lower Upper
56 100
69 180.5 24.1 36.1#
84 112.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.339 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

Tgt Ion: 65 Resp: 76970
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

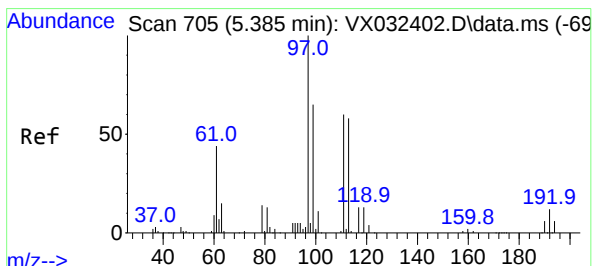
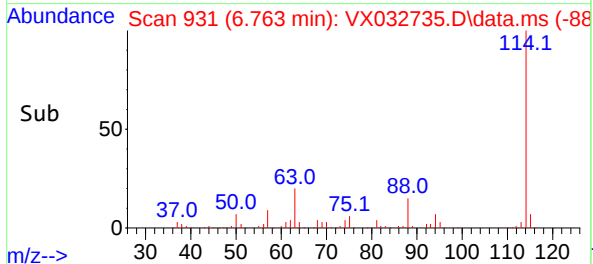
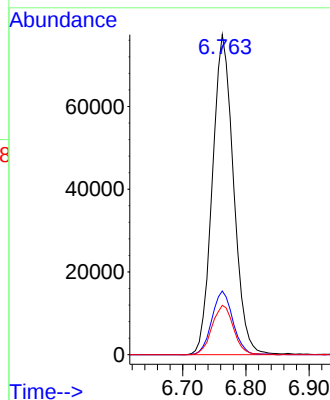
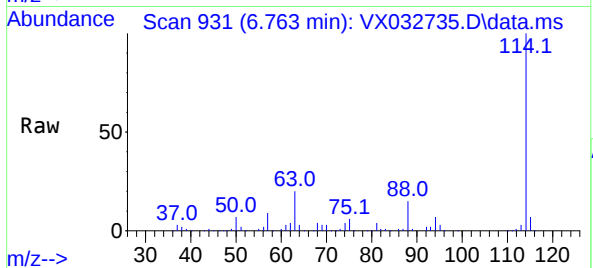




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

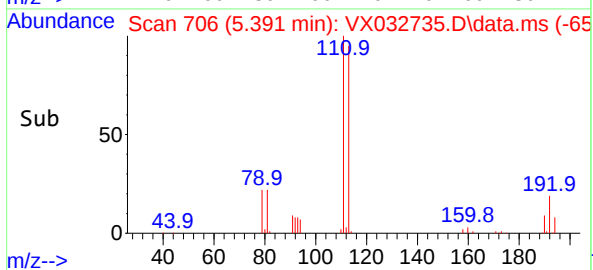
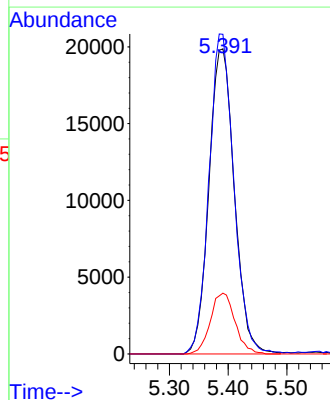
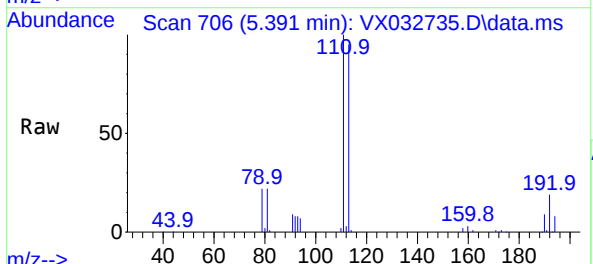
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MSVOA_X
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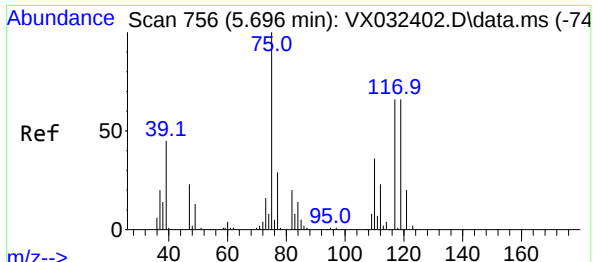
Tgt Ion:114 Resp: 179337
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.655 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

Tgt Ion:113 Resp: 59683
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.3 15.4 23.2

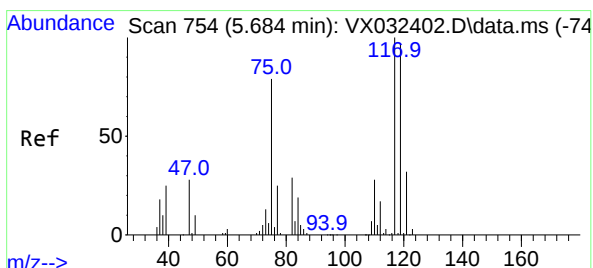
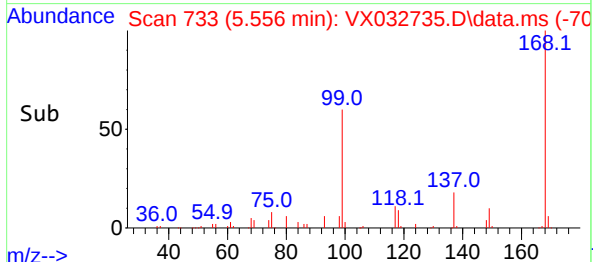
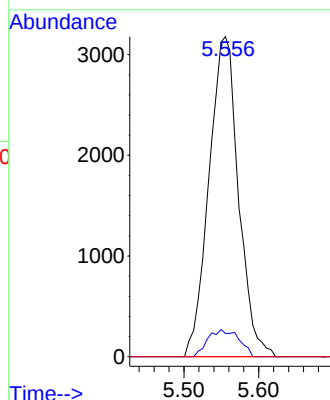
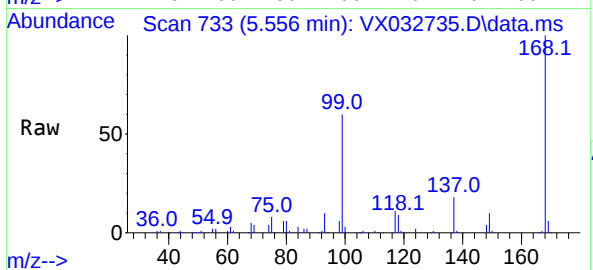




#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.141 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

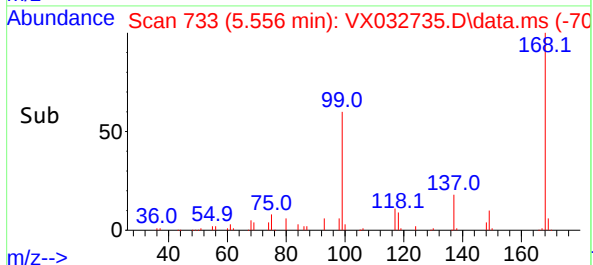
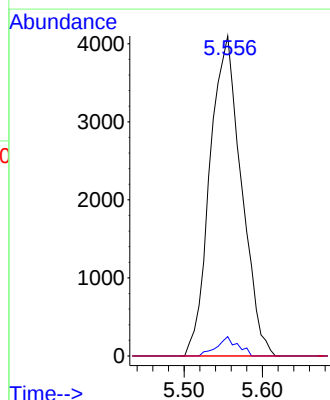
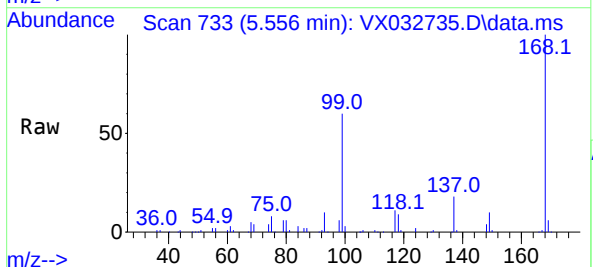
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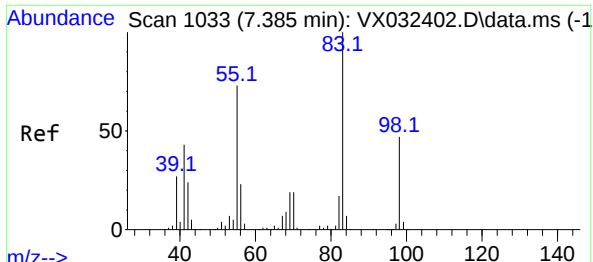
Tgt Ion: 75 Resp: 8745
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

Tgt Ion: 117 Resp: 11435
Ion Ratio Lower Upper
117 100
119 6.1 77.2 115.8#
121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 0.403 ug/l

RT: 7.141 min Scan# 91

Delta R.T. -0.244 min

Lab File: VX032735.D

Acq: 10 Nov 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

08BR-20221109DL

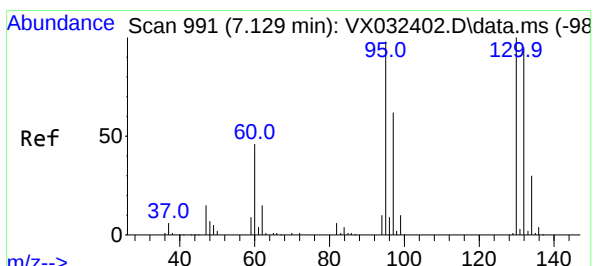
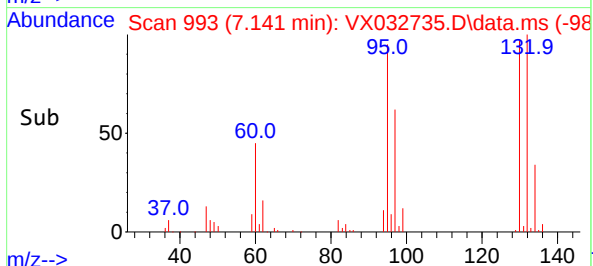
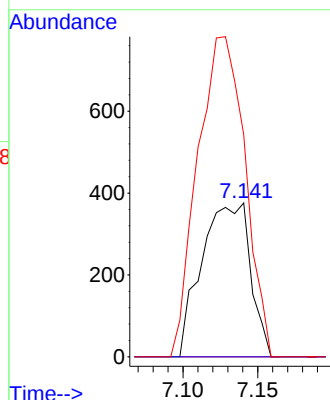
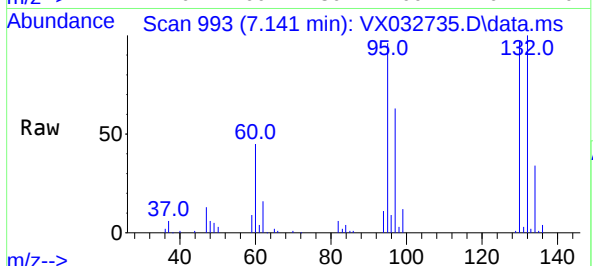
Tgt Ion: 83 Resp: 849

Ion Ratio Lower Upper

83 100

55 0.0 58.4 87.6#

98 144.4 37.2 55.8#



#44

Trichloroethene

Concen: 46.377 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032735.D

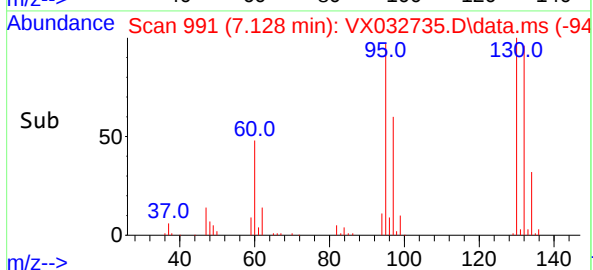
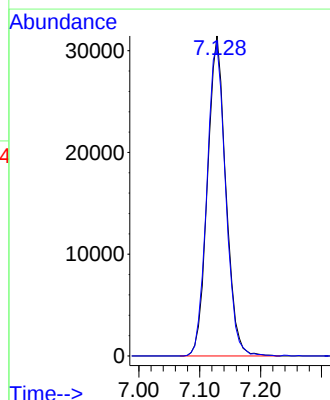
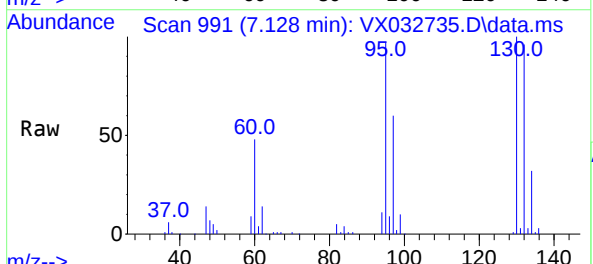
Acq: 10 Nov 2022 17:50

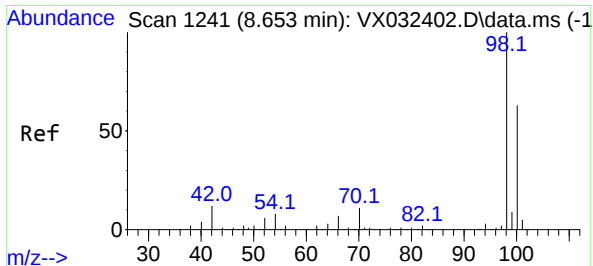
Tgt Ion:130 Resp: 65813

Ion Ratio Lower Upper

130 100

95 97.1 0.0 195.2





#50

Toluene-d8

Concen: 49.461 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032735.D

Acq: 10 Nov 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

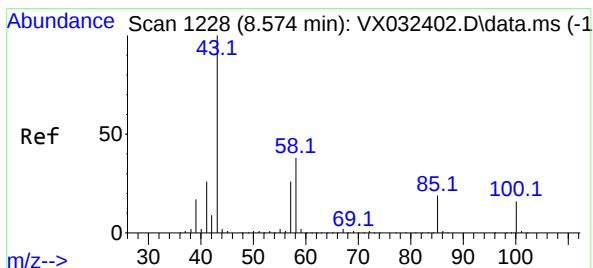
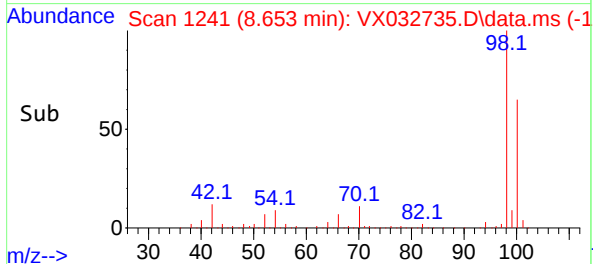
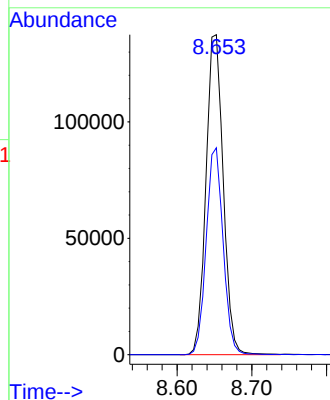
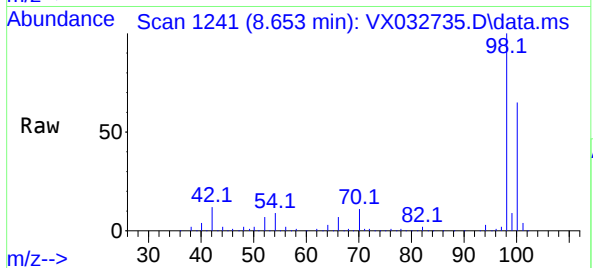
08BR-20221109DL

Tgt Ion: 98 Resp: 220010

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.633 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032735.D

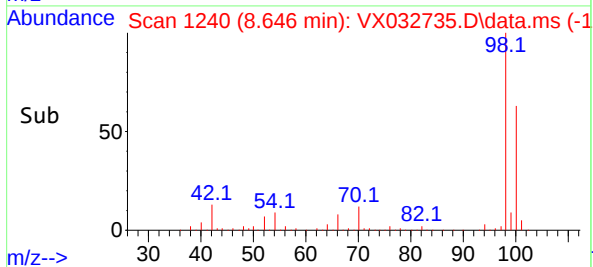
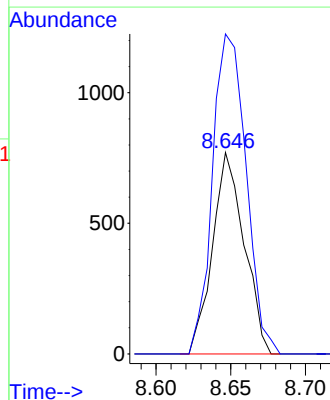
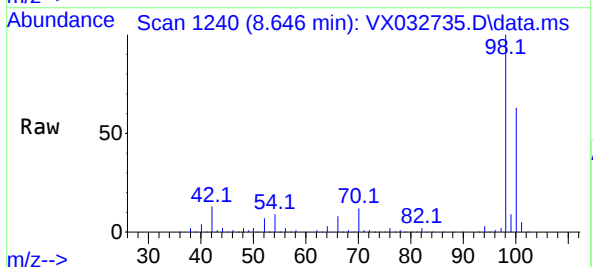
Acq: 10 Nov 2022 17:50

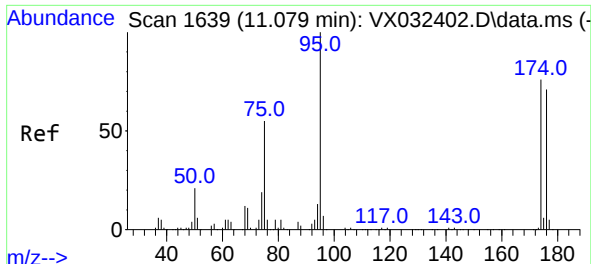
Tgt Ion: 43 Resp: 1136

Ion Ratio Lower Upper

43 100

58 168.6 30.9 46.3#

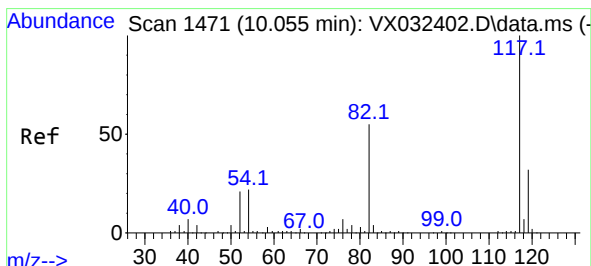
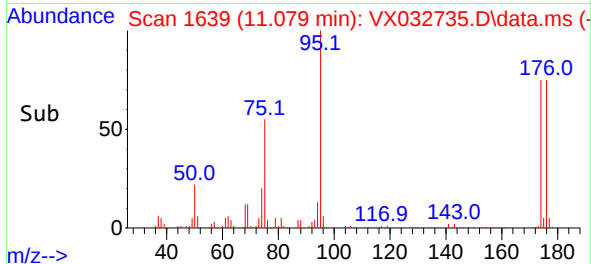
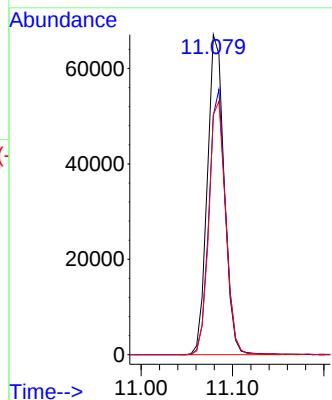
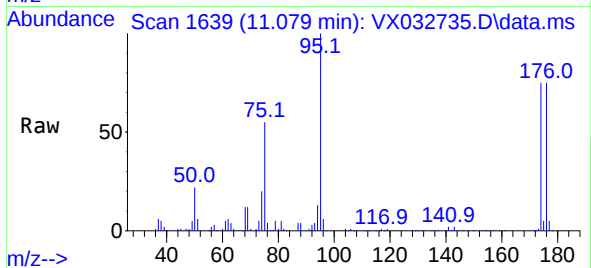




#62
4-Bromofluorobenzene
Concen: 49.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

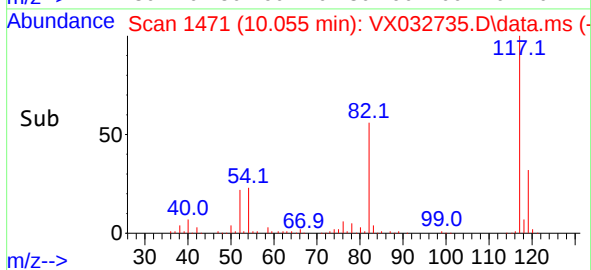
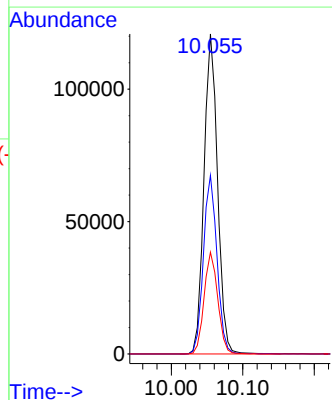
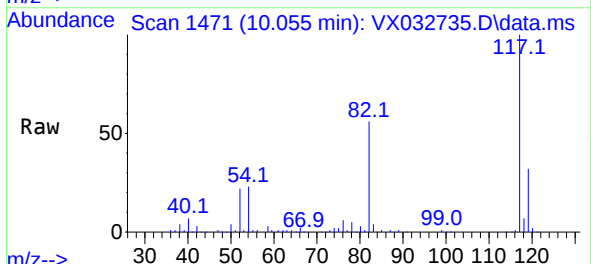
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109DL

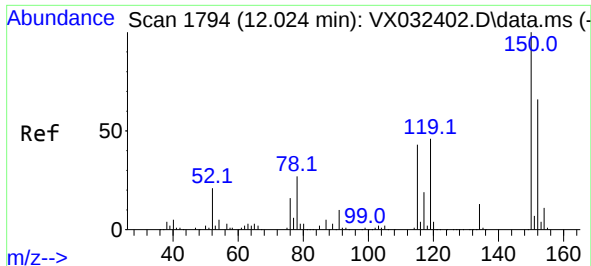
Tgt Ion: 95 Resp: 85579
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 79.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

Tgt Ion: 117 Resp: 159358
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 31.8 25.7 38.5

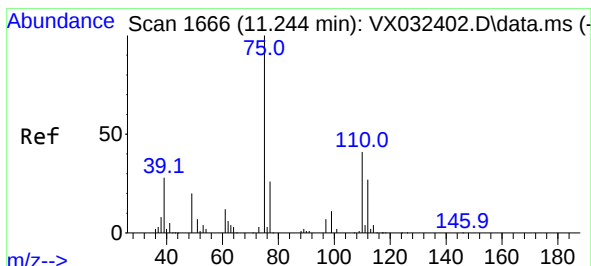
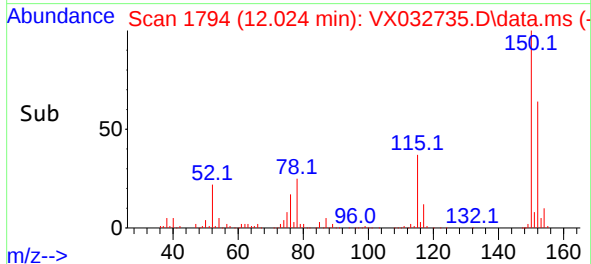
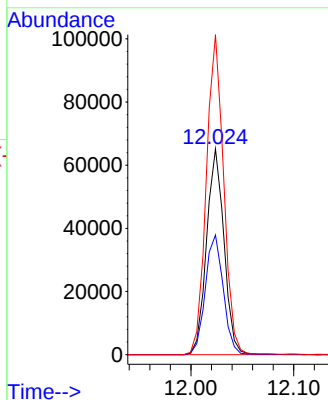
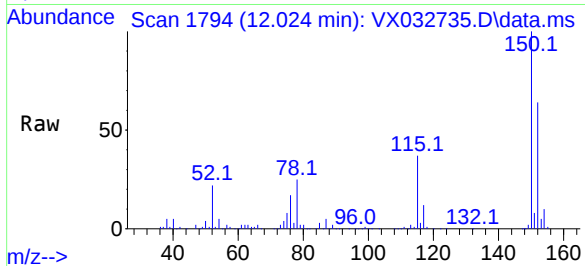




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

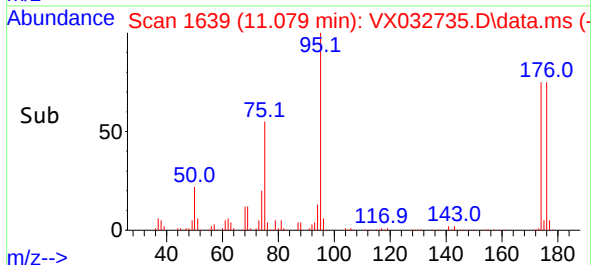
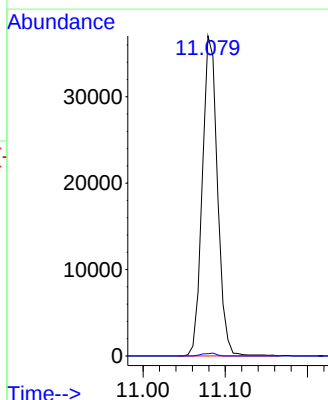
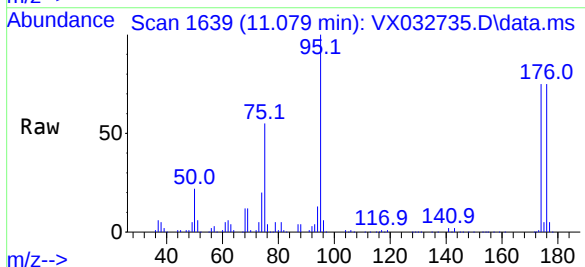
Instrument :
MSVOA_X
ClientSampleId :
08BR-20221109DL

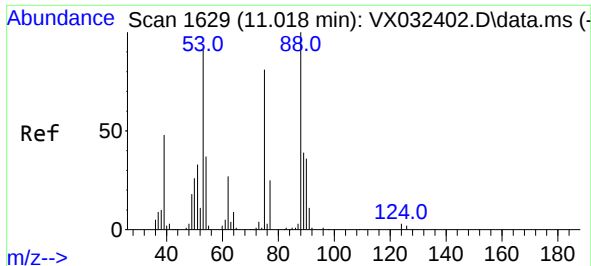
Tgt Ion:152 Resp: 76871
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 154.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032735.D
Acq: 10 Nov 2022 17:50

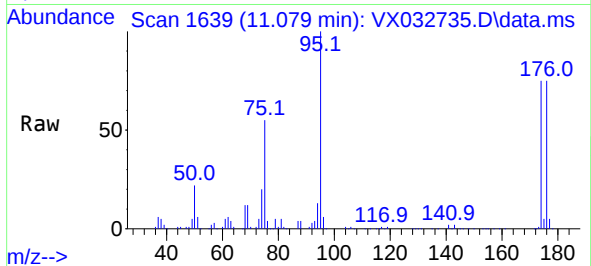
Tgt Ion: 75 Resp: 47639
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.638 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032735.D
 Acq: 10 Nov 2022 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 08BR-20221109DL



Tgt Ion: 75 Resp: 47639
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

