

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035960.D
 Acq On : 01 Jun 2023 15:24
 Operator : JC/MD
 Sample : 02997-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DMA-1105

Quant Time: Jun 02 01:41:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

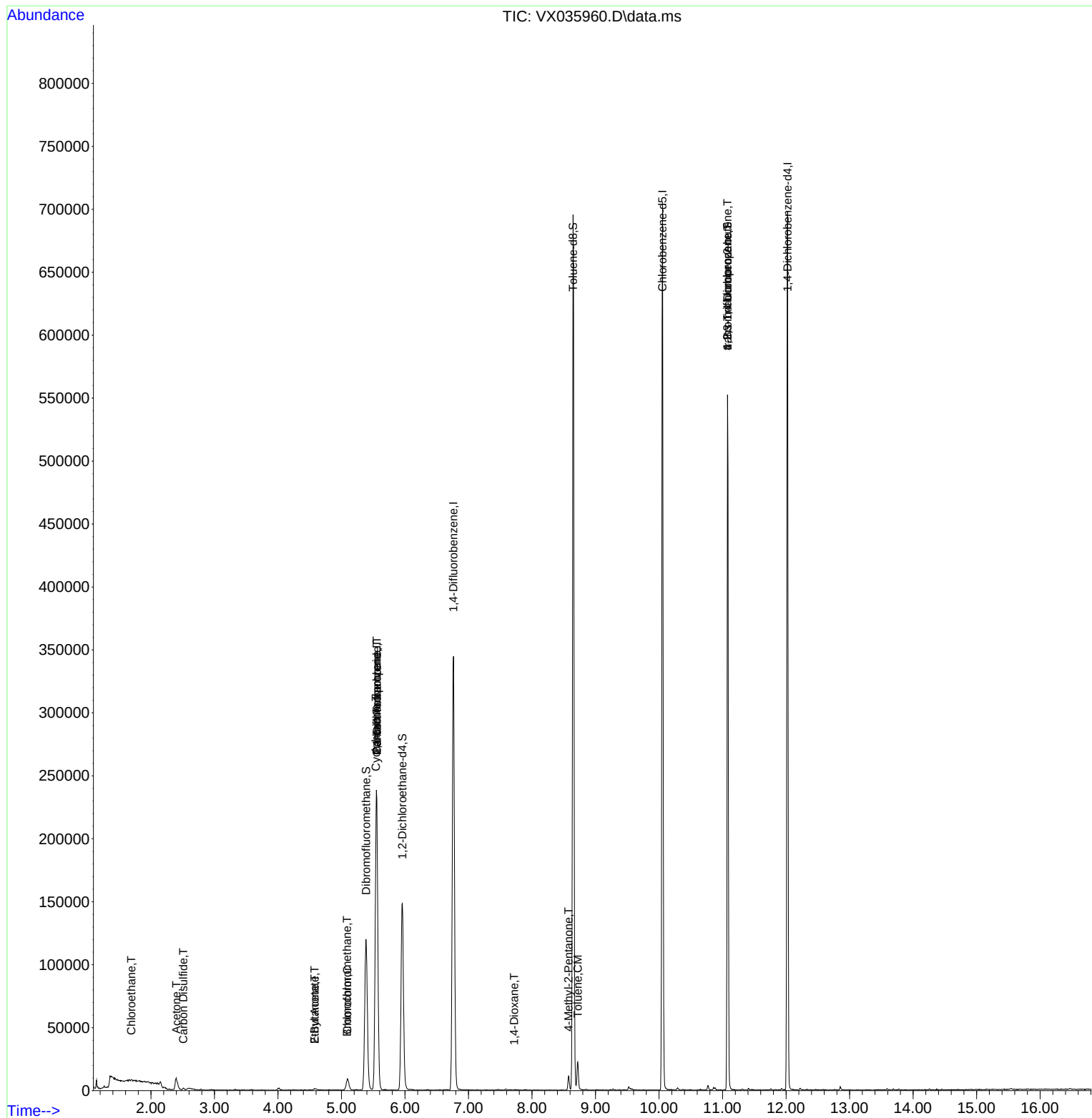
Internal Standards						
1) Pentafluorobenzene	5.556	168	200625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	332382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153285	47.051	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.100%
35) Dibromofluoromethane	5.385	113	103525	46.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.647	98	401355	50.023	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.040%
62) 4-Bromofluorobenzene	11.079	95	152530	48.158	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.320%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	422	0.305	ug/l #	42
16) Acetone	2.398	43	13520	10.059	ug/l	99
17) Carbon Disulfide	2.508	76	1648	0.327	ug/l	95
25) 2-Butanone	4.574	43	2443	1.270	ug/l	94
28) Bromochloromethane	5.087	49	894	0.382	ug/l #	17
30) Chloroform	5.093	83	10474	2.278	ug/l	85
31) Cyclohexane	5.544	56	5543	1.625	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	19459	6.528	ug/l #	52
37) Ethyl Acetate	4.574	43	2443	0.736	ug/l #	70
38) Carbon Tetrachloride	5.556	117	23470	8.080	ug/l #	17
49) 1,4-Dioxane	7.720	88	24	0.391	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	6826	2.049	ug/l	100
52) Toluene	8.720	92	8120	1.444	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	79013	24.957	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	79013	84.062	ug/l #	3

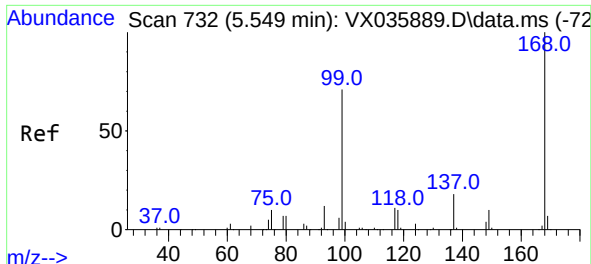
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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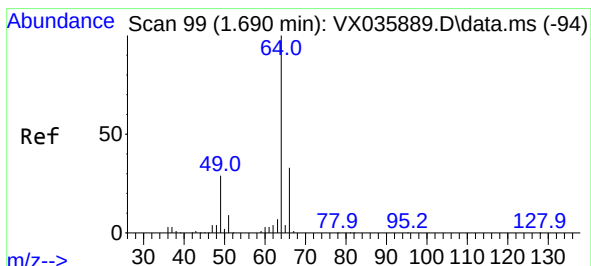
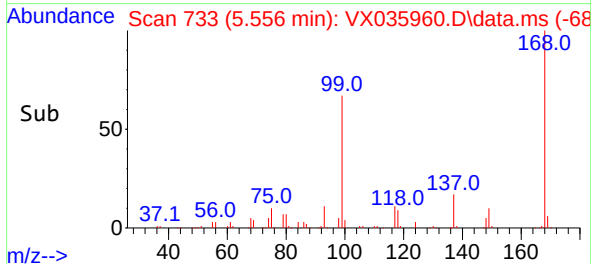
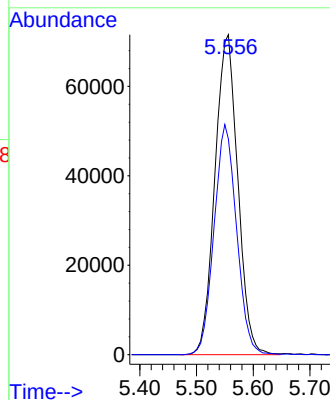
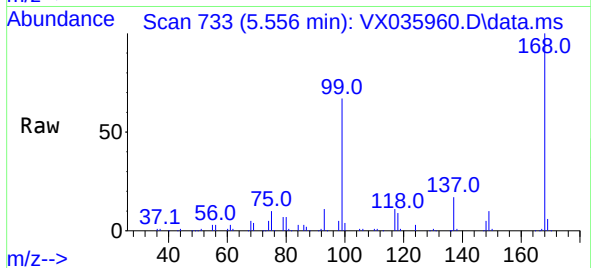




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

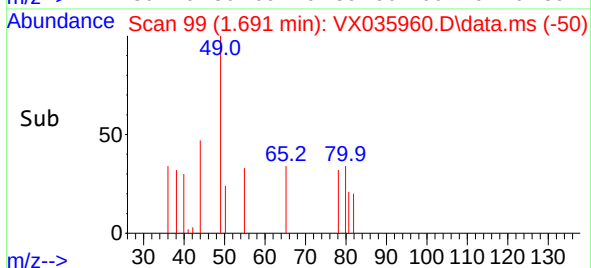
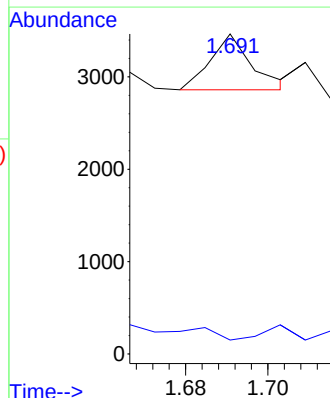
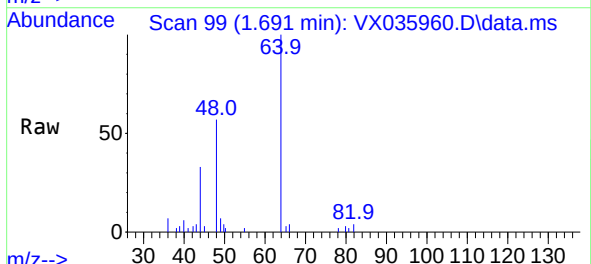
Instrument :
MSVOA_X
ClientSampleId :
DMA-1105

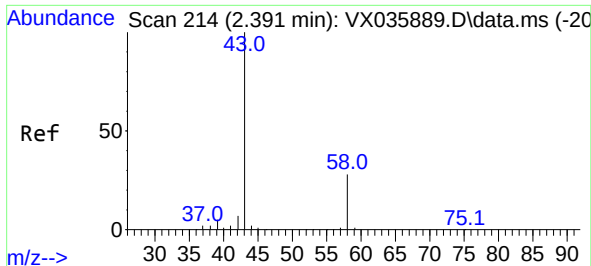
Tgt Ion:168 Resp: 200625
Ion Ratio Lower Upper
168 100
99 67.5 57.0 85.6



#6
Chloroethane
Concen: 0.305 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

Tgt Ion: 64 Resp: 422
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

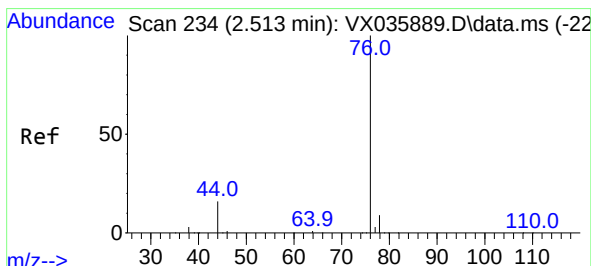
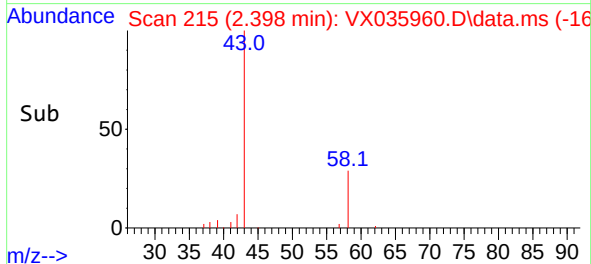
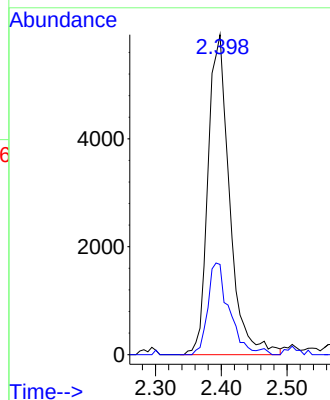
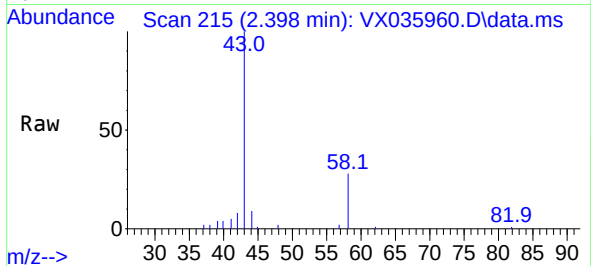




#16
Acetone
Concen: 10.059 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

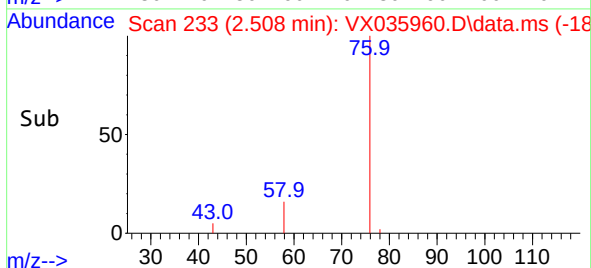
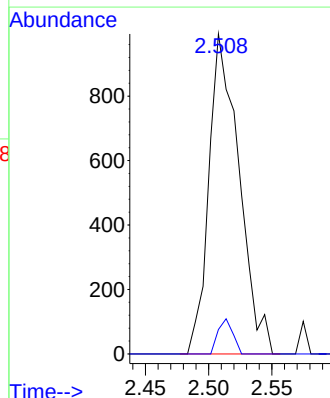
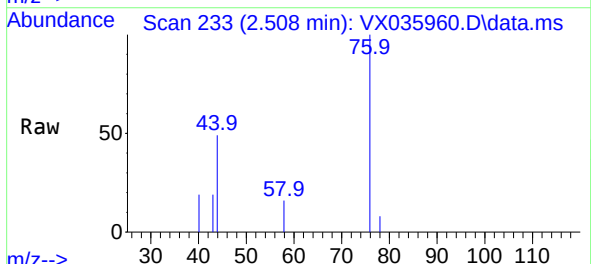
Instrument :
MSVOA_X
ClientSampleId :
DMA-1105

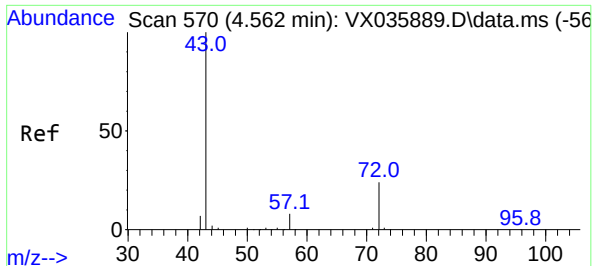
Tgt Ion: 43 Resp: 13520
Ion Ratio Lower Upper
43 100
58 28.2 22.2 33.2



#17
Carbon Disulfide
Concen: 0.327 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.005 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

Tgt Ion: 76 Resp: 1648
Ion Ratio Lower Upper
76 100
78 7.7 7.6 11.4

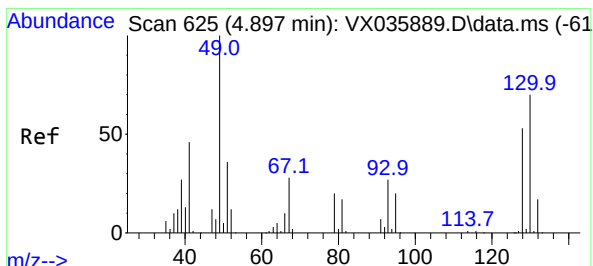
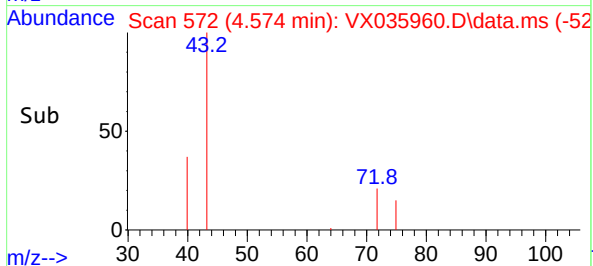
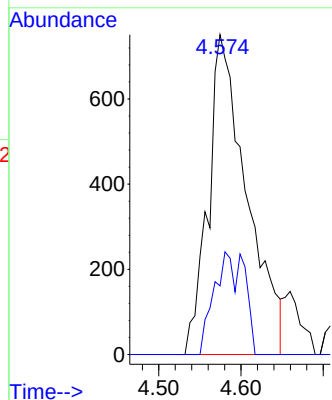
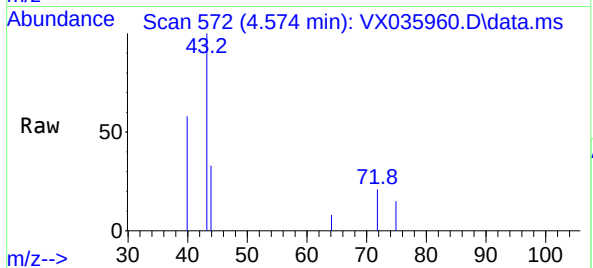




#25
2-Butanone
Concen: 1.270 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

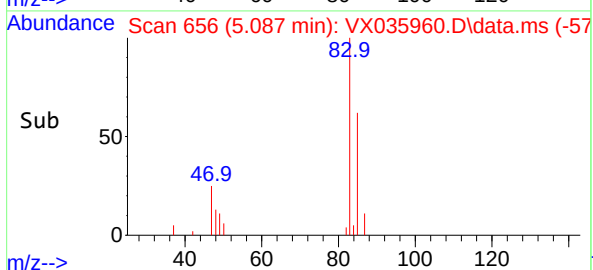
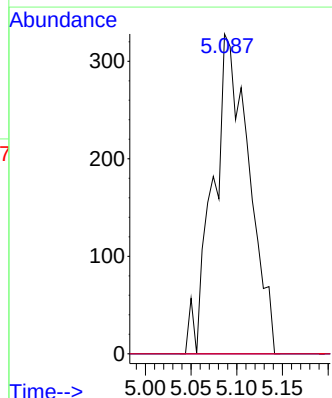
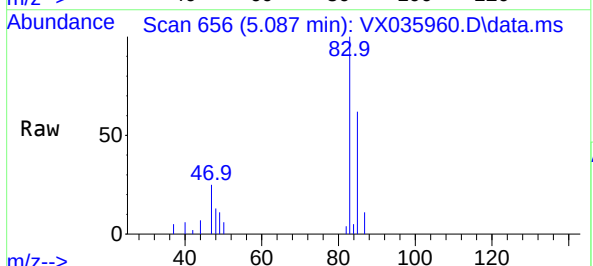
Instrument :
MSVOA_X
ClientSampleId :
DMA-1105

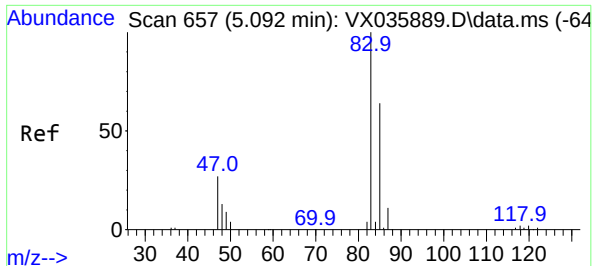
Tgt Ion: 43 Resp: 2443
Ion Ratio Lower Upper
43 100
72 21.4 19.4 29.2



#28
Bromochloromethane
Concen: 0.382 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.190 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

Tgt Ion: 49 Resp: 894
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 55.8 83.8#

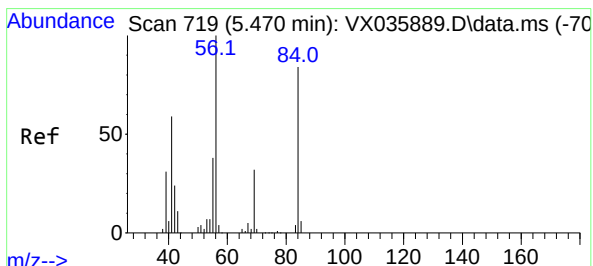
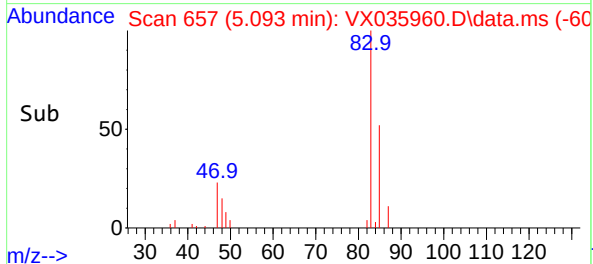
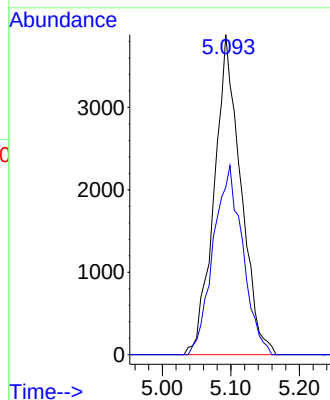
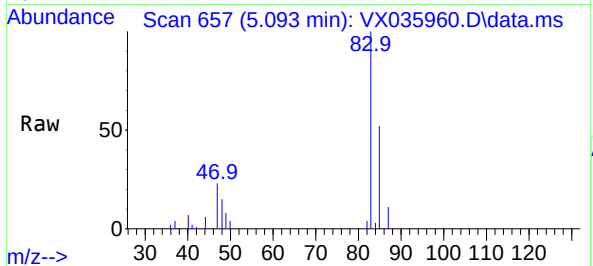




#30
Chloroform
Concen: 2.278 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

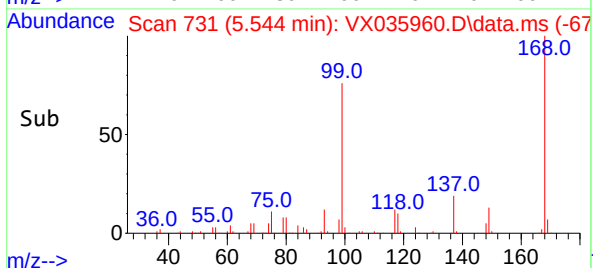
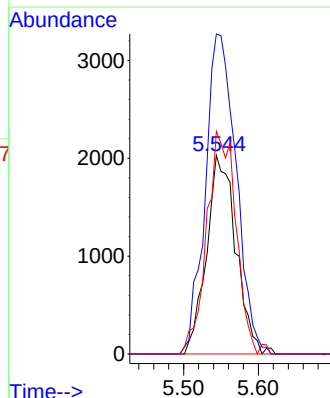
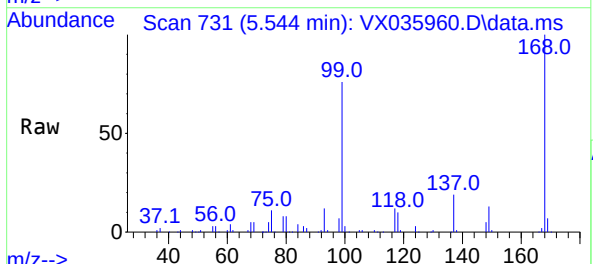
Instrument :
MSVOA_X
ClientSampleId :
DMA-1105

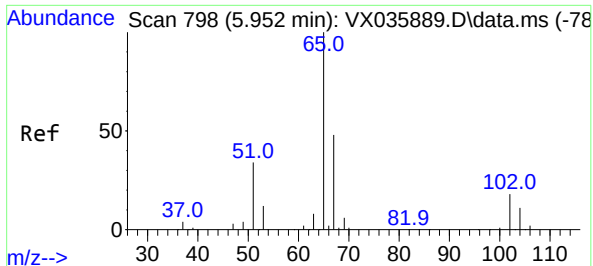
Tgt Ion: 83 Resp: 10474
Ion Ratio Lower Upper
83 100
85 52.4 51.0 76.4



#31
Cyclohexane
Concen: 1.625 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

Tgt Ion: 56 Resp: 5543
Ion Ratio Lower Upper
56 100
69 161.2 25.9 38.9#
84 112.2 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 47.051 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035960.D

Acq: 01 Jun 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

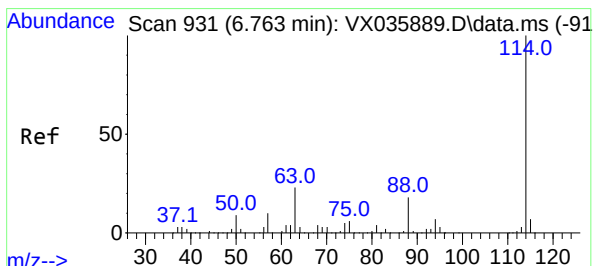
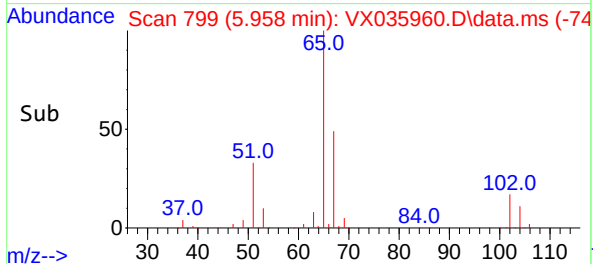
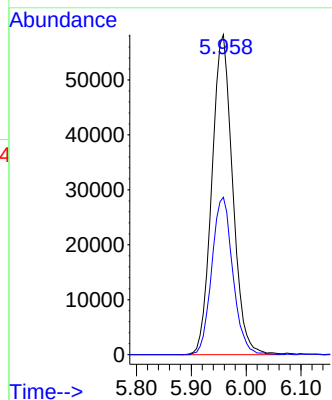
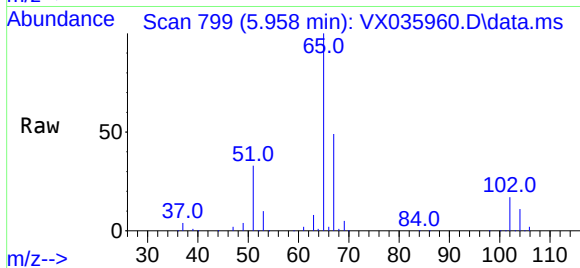
DMA-1105

Tgt Ion: 65 Resp: 153285

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035960.D

Acq: 01 Jun 2023 15:24

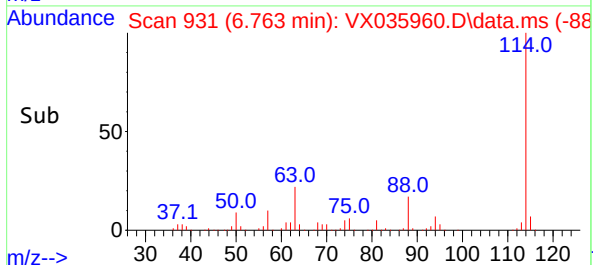
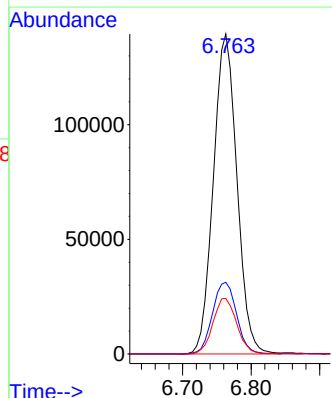
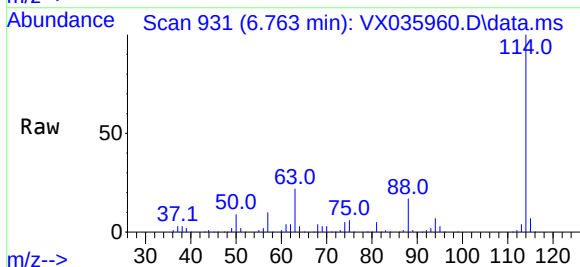
Tgt Ion: 114 Resp: 332382

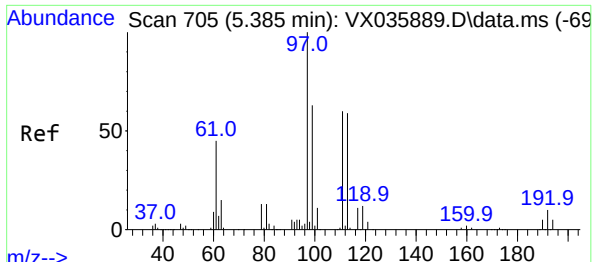
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.0

88 17.4 0.0 35.2

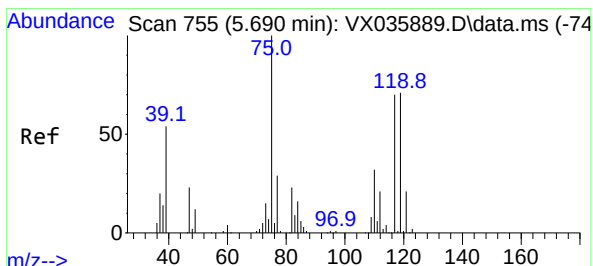
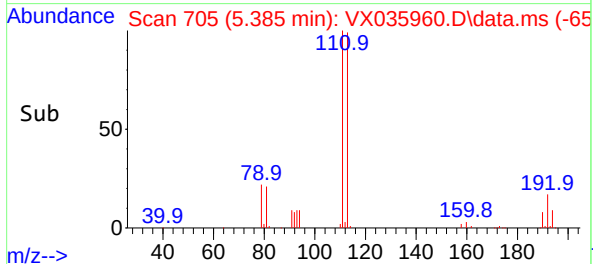
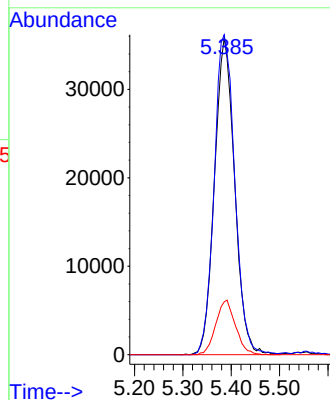
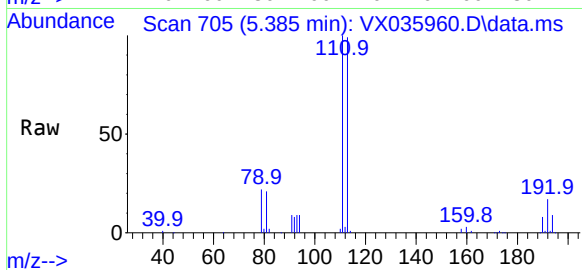




#35
Dibromofluoromethane
Concen: 46.308 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

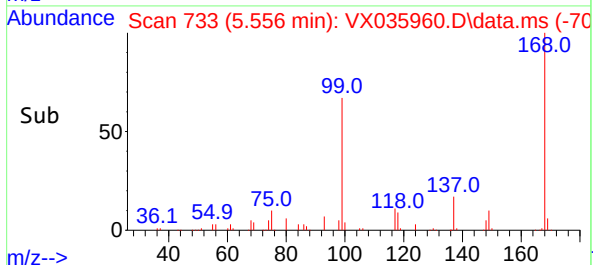
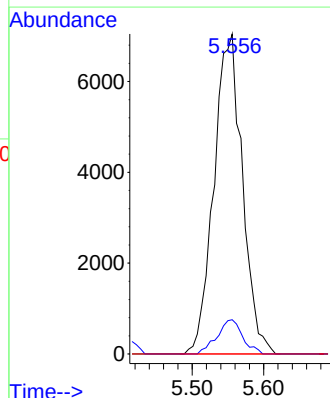
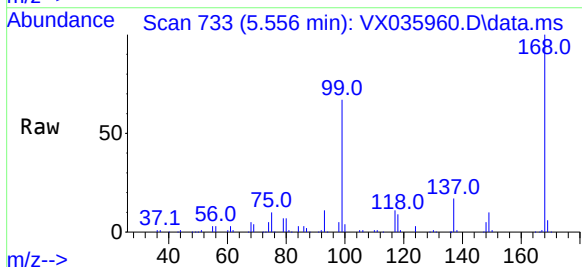
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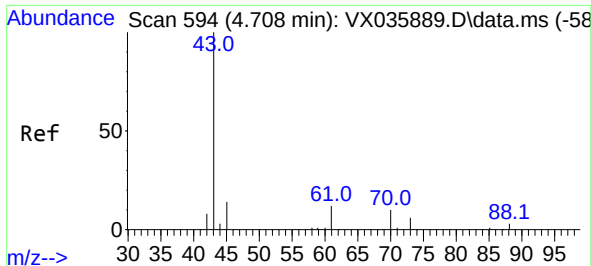
Tgt Ion:113 Resp: 103525
Ion Ratio Lower Upper
113 100
111 103.6 81.7 122.5
192 16.8 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.528 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

Tgt Ion: 75 Resp: 19459
Ion Ratio Lower Upper
75 100
110 9.6 16.6 49.7#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.736 ug/l

RT: 4.574 min Scan# 5

Delta R.T. -0.134 min

Lab File: VX035960.D

Acq: 01 Jun 2023 15:24

Instrument :

MSVOA_X

ClientSampleId :

DMA-1105

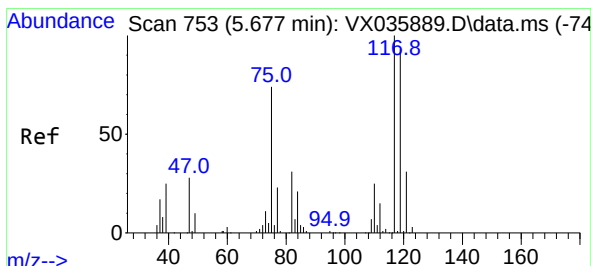
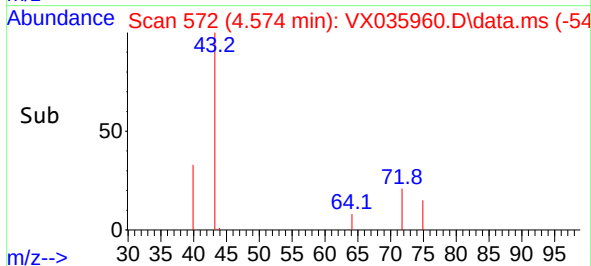
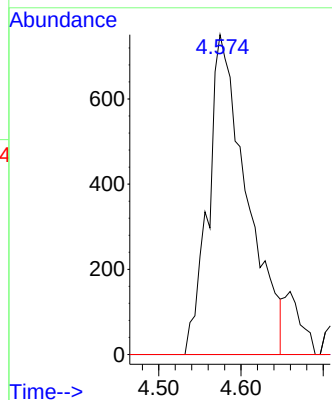
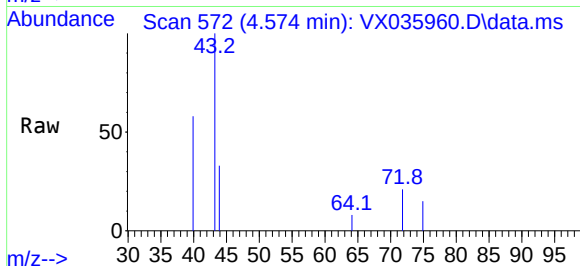
Tgt Ion: 43 Resp: 2443

Ion Ratio Lower Upper

43 100

61 0.0 10.3 15.5#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 8.080 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX035960.D

Acq: 01 Jun 2023 15:24

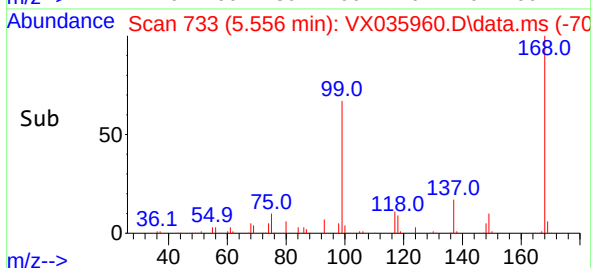
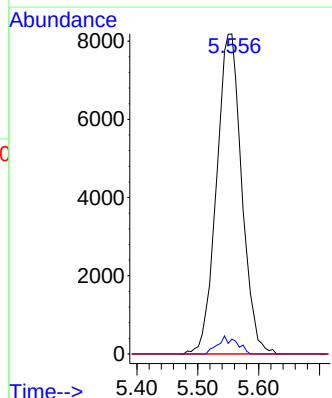
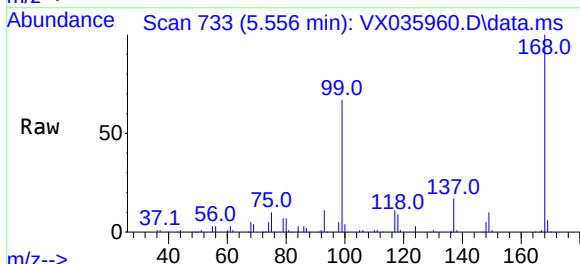
Tgt Ion: 117 Resp: 23470

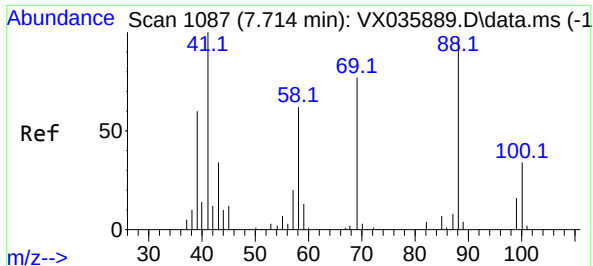
Ion Ratio Lower Upper

117 100

119 4.7 74.1 111.1#

121 0.0 25.0 37.4#

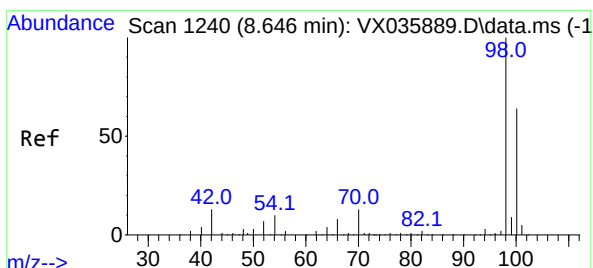
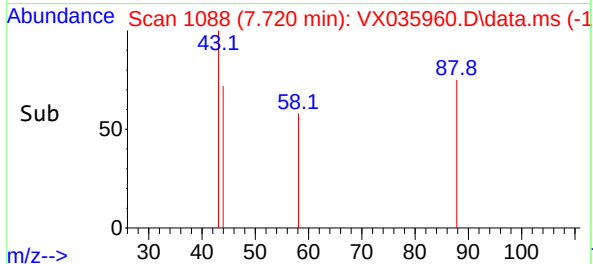
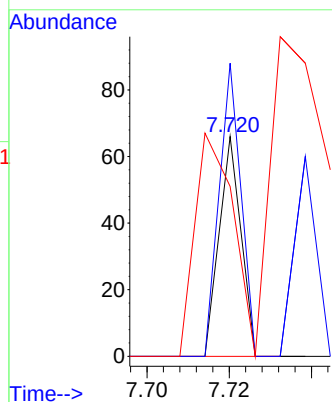
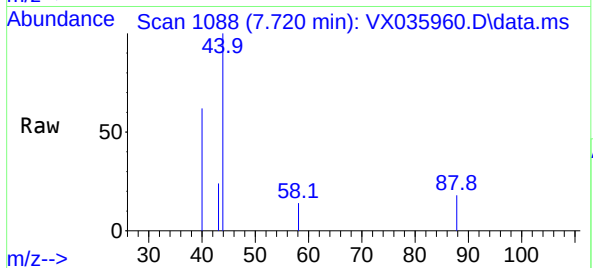




#49
1,4-Dioxane
Concen: 0.391 ug/l
RT: 7.720 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

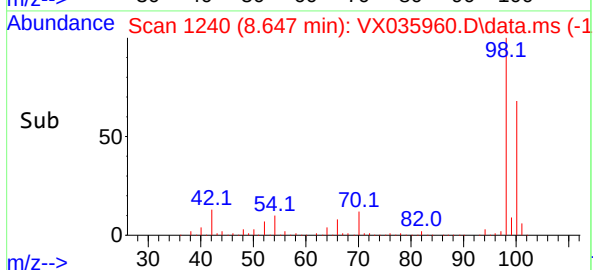
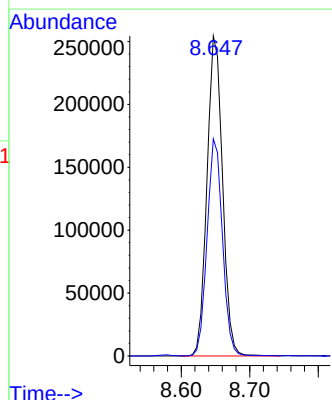
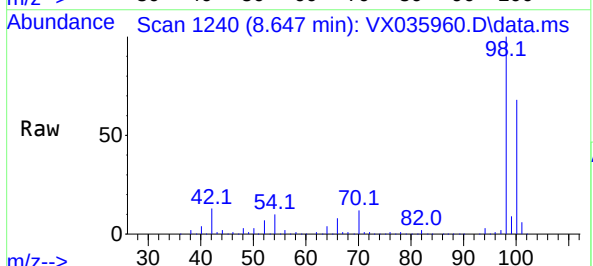
Instrument :
MSVOA_X
ClientSampleId :
DMA-1105

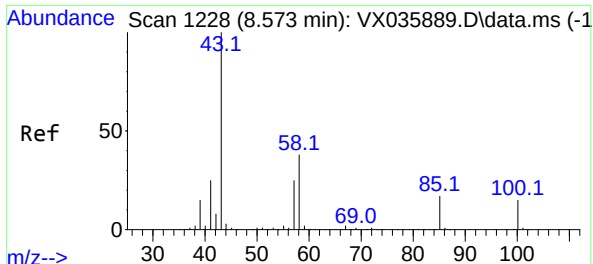
Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 133.3 27.4 41.0#
58 179.2 58.9 88.3#



#50
Toluene-d8
Concen: 50.023 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

Tgt Ion: 98 Resp: 401355
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.0

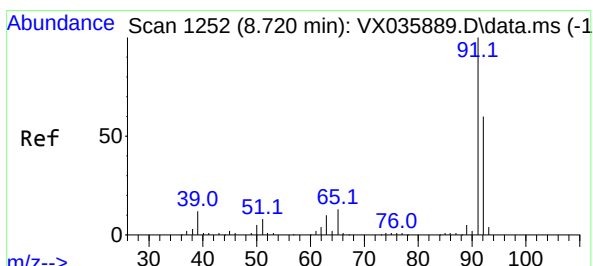
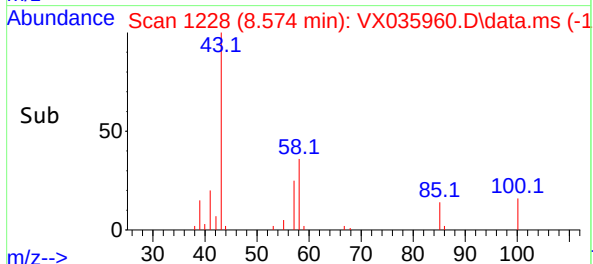
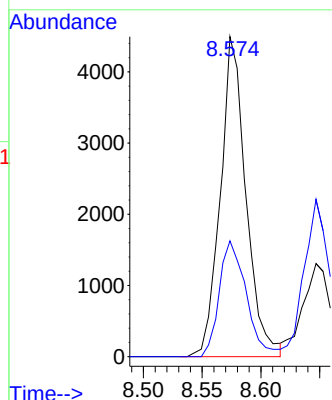
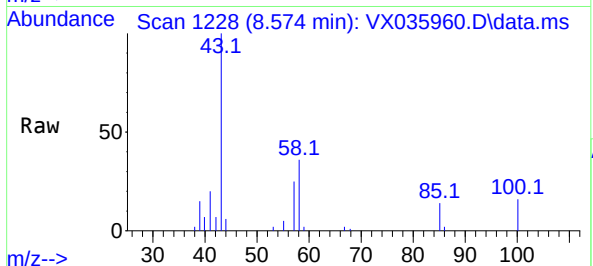




#51
4-Methyl-2-Pentanone
Concen: 2.049 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

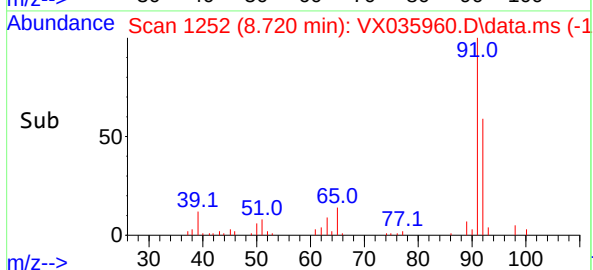
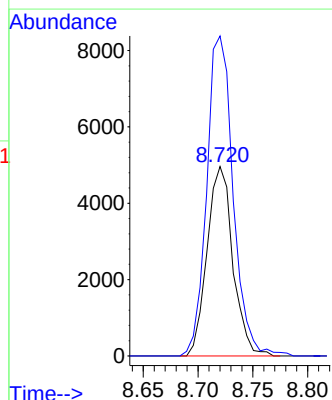
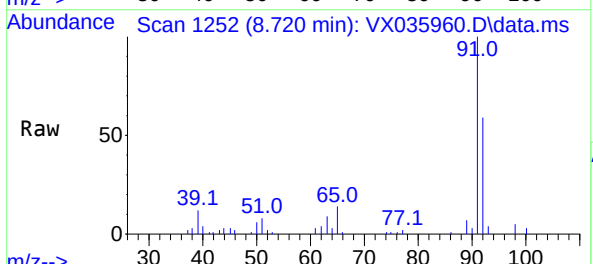
Instrument :
MSVOA_X
ClientSampleId :
DMA-1105

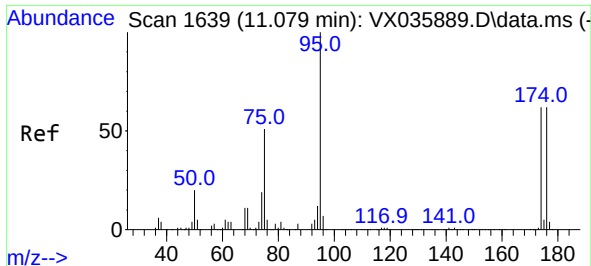
Tgt Ion: 43 Resp: 6826
Ion Ratio Lower Upper
43 100
58 37.7 30.1 45.1



#52
Toluene
Concen: 1.444 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

Tgt Ion: 92 Resp: 8120
Ion Ratio Lower Upper
92 100
91 173.1 133.5 200.3

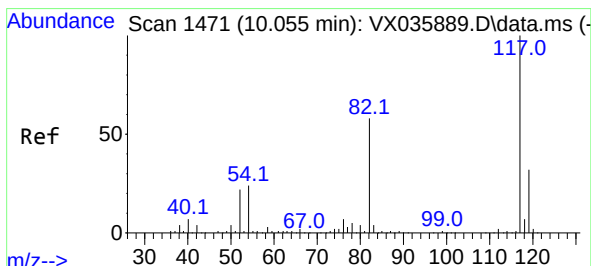
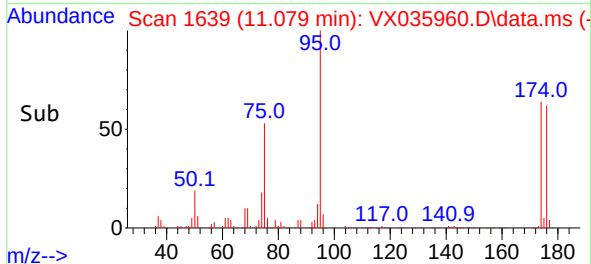
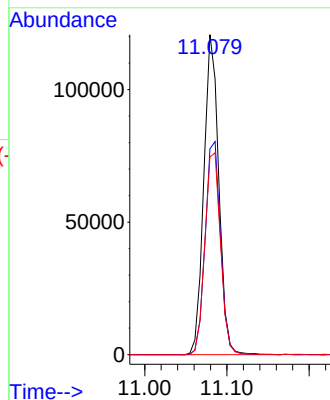
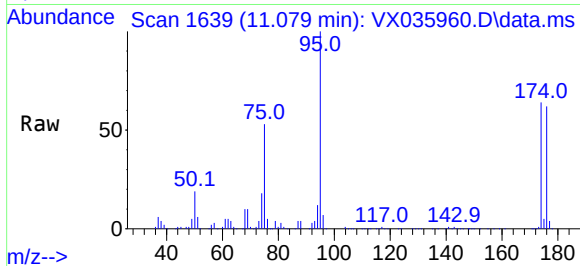




#62
4-Bromofluorobenzene
Concen: 48.158 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

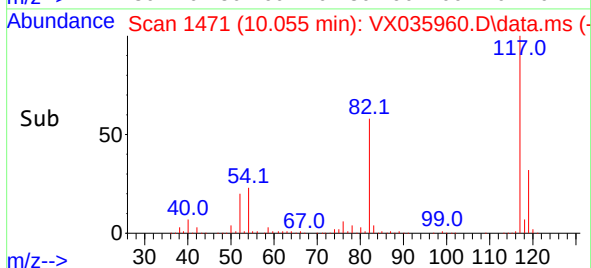
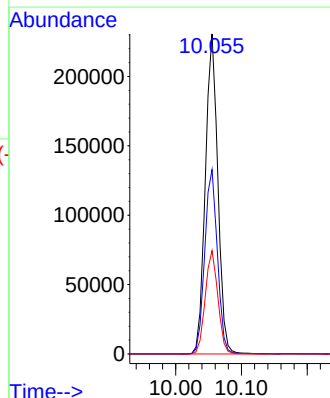
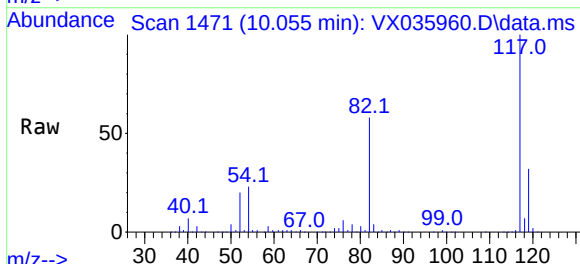
Instrument :
MSVOA_X
ClientSampleId :
DMA-1105

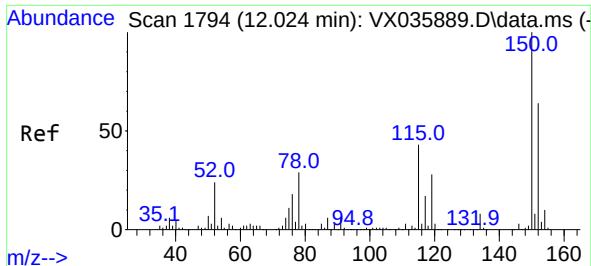
Tgt Ion: 95 Resp: 152530
Ion Ratio Lower Upper
95 100
174 68.4 0.0 132.6
176 66.2 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

Tgt Ion: 117 Resp: 305055
Ion Ratio Lower Upper
117 100
82 57.6 46.6 69.8
119 32.3 25.4 38.2

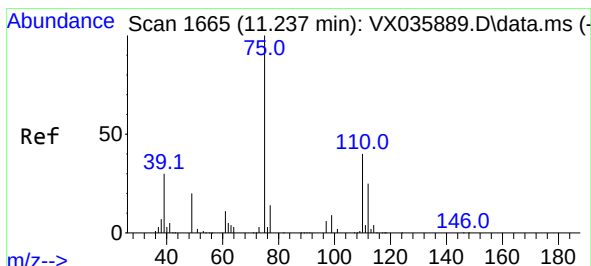
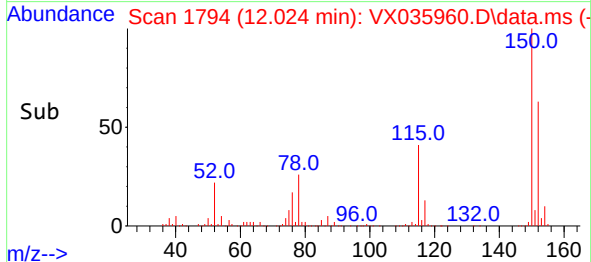
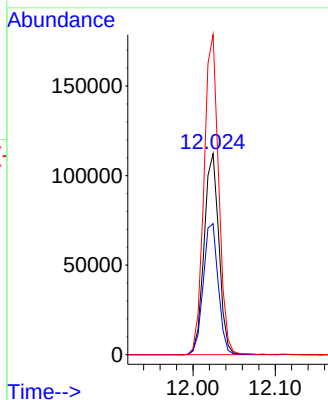
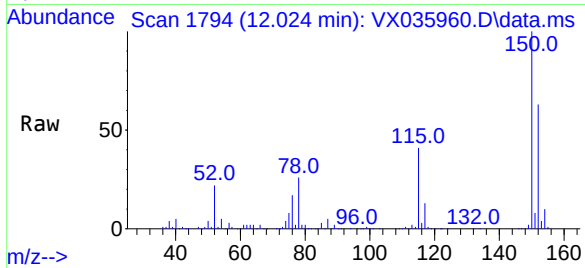




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

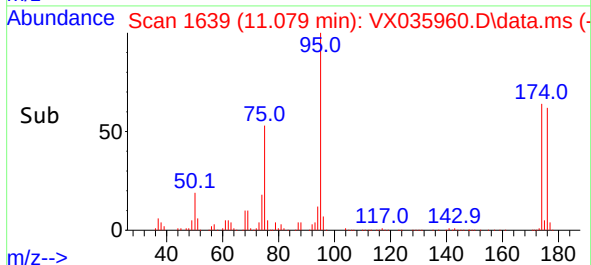
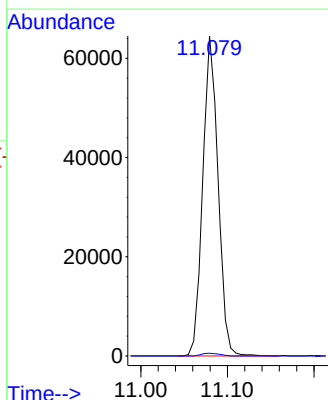
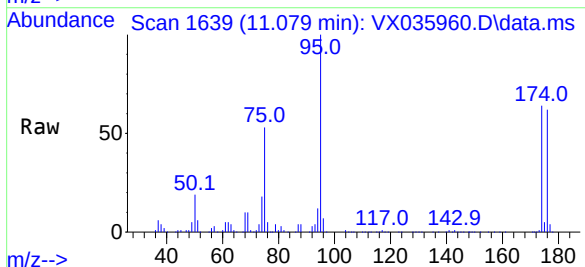
Instrument :
MSVOA_X
ClientSampleId :
DMA-1105

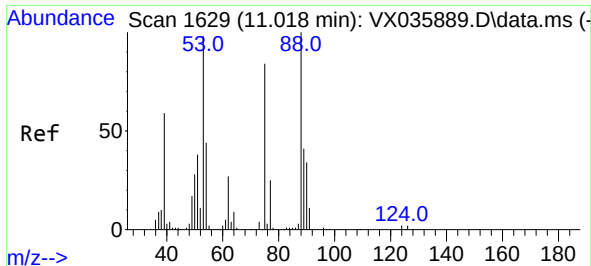
Tgt Ion:152 Resp: 140372
Ion Ratio Lower Upper
152 100
115 66.4 45.5 136.5
150 157.8 0.0 345.2



#76
1,2,3-Trichloropropane
Concen: 24.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035960.D
Acq: 01 Jun 2023 15:24

Tgt Ion: 75 Resp: 79013
Ion Ratio Lower Upper
75 100
77 1.0 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.062 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035960.D
 Acq: 01 Jun 2023 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 DMA-1105

Tgt Ion: 75 Resp: 79013
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.0 38.0 57.0#

