

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036752.D
 Acq On : 01 Aug 2023 16:39
 Operator : JC/MD
 Sample : 03856-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-13S

Quant Time: Aug 02 06:25:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

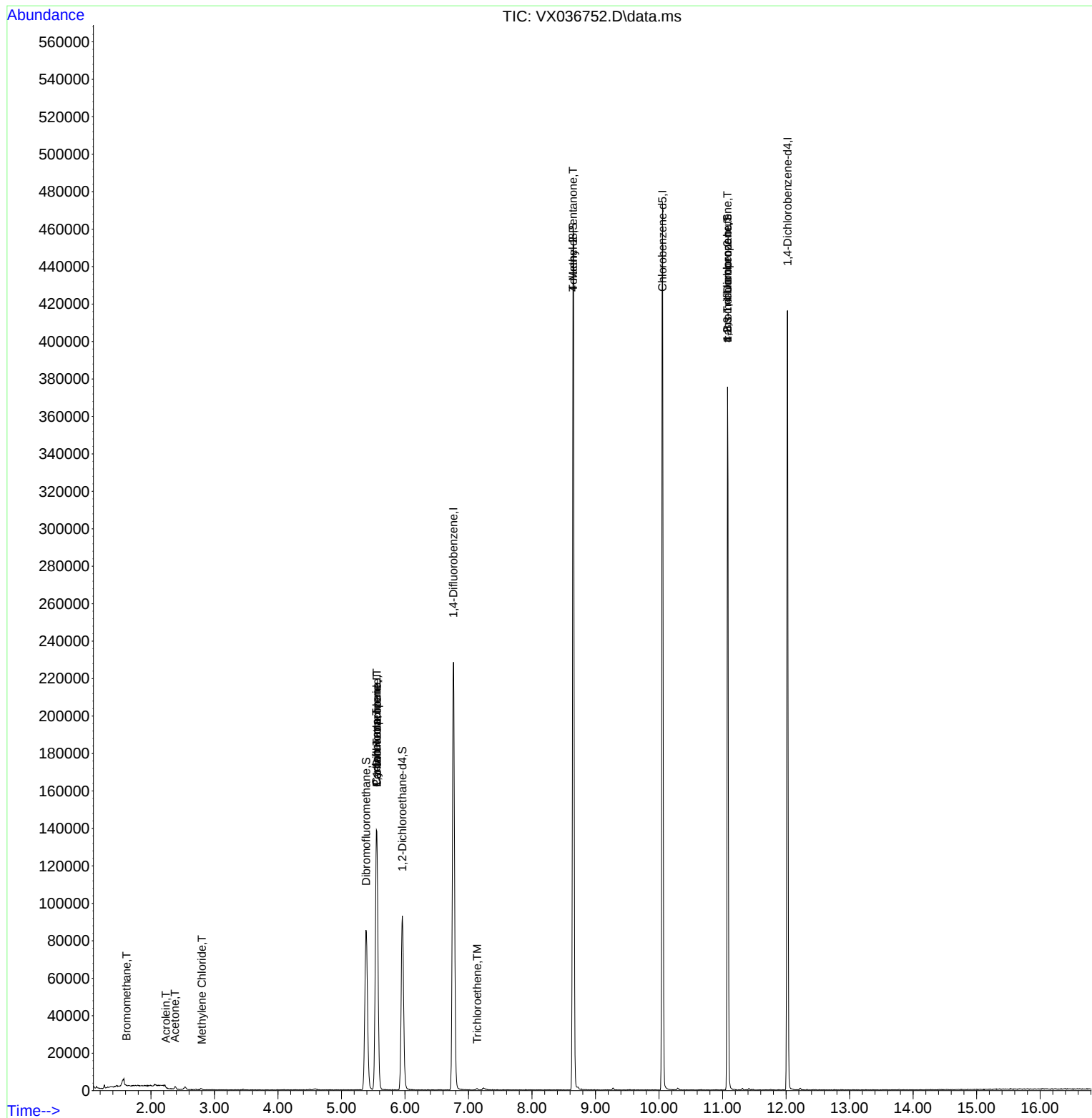
Internal Standards						
1) Pentafluorobenzene	5.556	168	132457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89780	45.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.620%
35) Dibromofluoromethane	5.385	113	75993	46.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.420%
50) Toluene-d8	8.647	98	281380	48.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.540%
62) 4-Bromofluorobenzene	11.079	95	98203	45.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	219	0.226	ug/l #	73
13) Acrolein	2.233	56	242	0.914	ug/l #	54
16) Acetone	2.380	43	1555	1.912	ug/l #	85
20) Methylene Chloride	2.800	84	385	0.213	ug/l #	50
31) Cyclohexane	5.550	56	3152	1.162	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10792	4.450	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13935	5.405	ug/l #	17
44) Trichloroethene	7.135	130	371	0.201	ug/l	50
51) 4-Methyl-2-Pentanone	8.647	43	1280	0.490	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51971	24.770	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51971	56.144	ug/l #	5

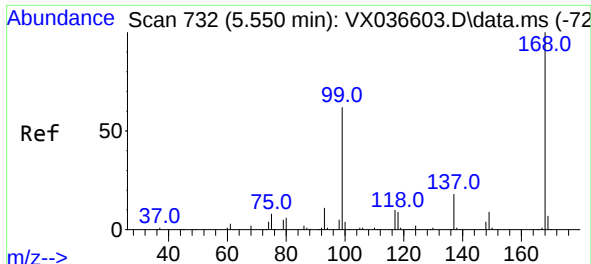
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 02 06:25:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

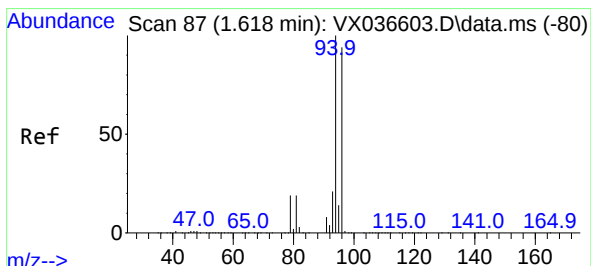
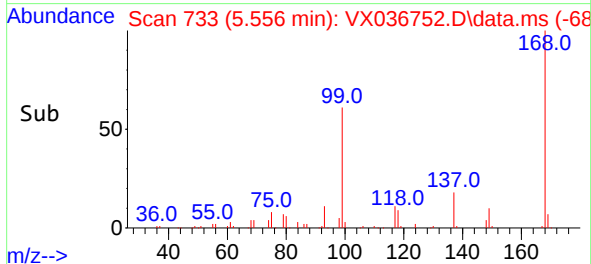
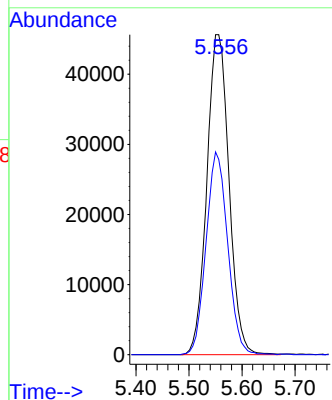
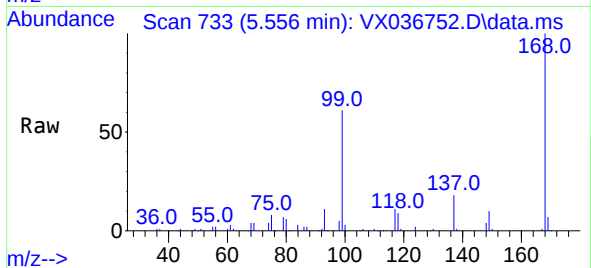




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

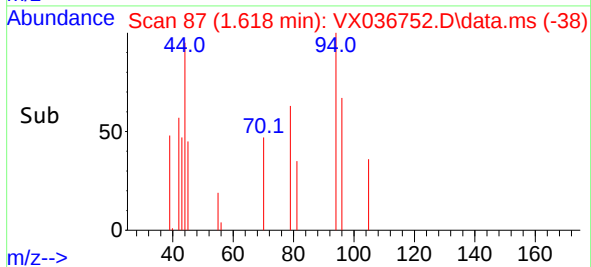
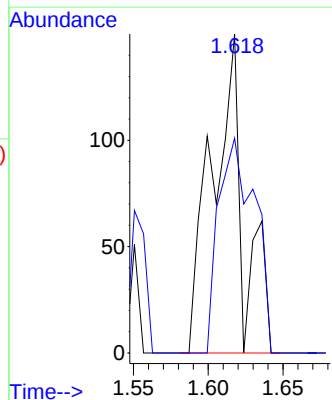
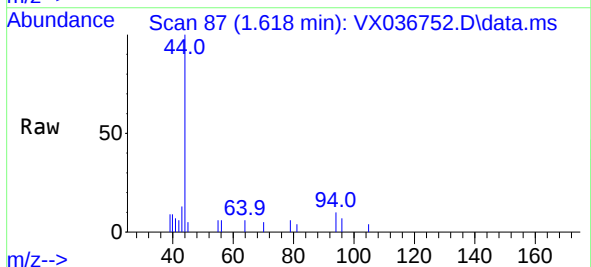
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

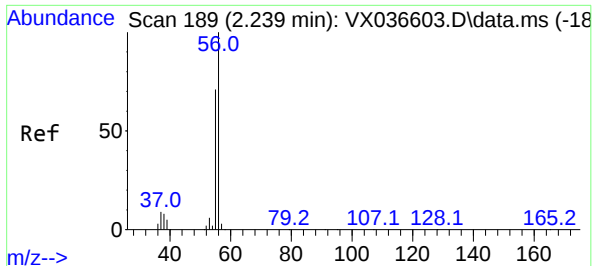
Tgt Ion:168 Resp: 132457
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 67.3 74.6 111.8#

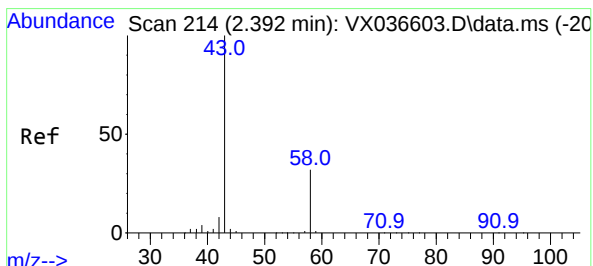
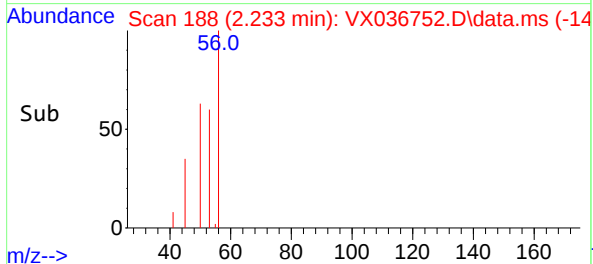
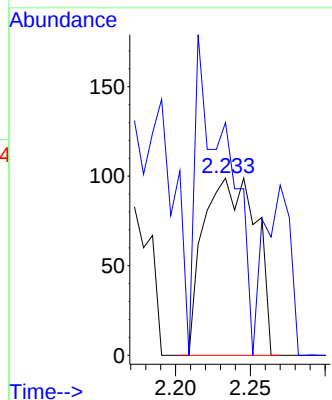
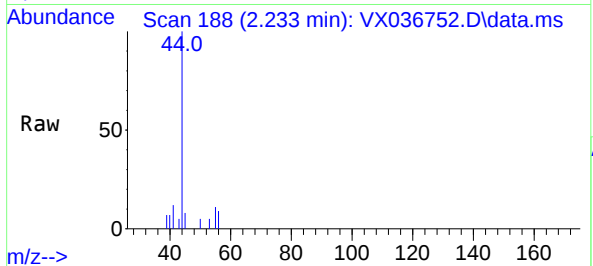




#13
Acrolein
Concen: 0.914 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

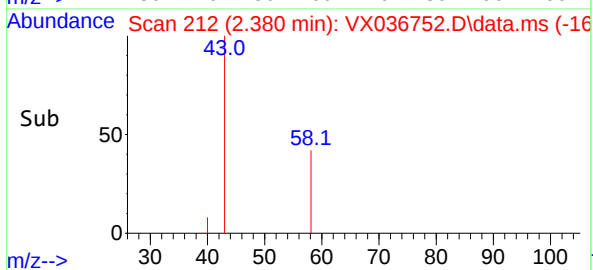
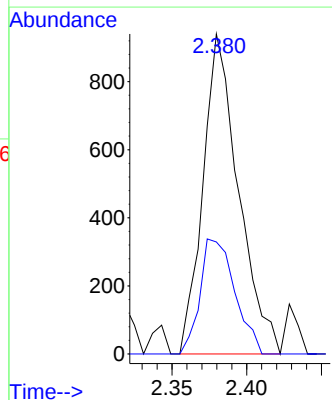
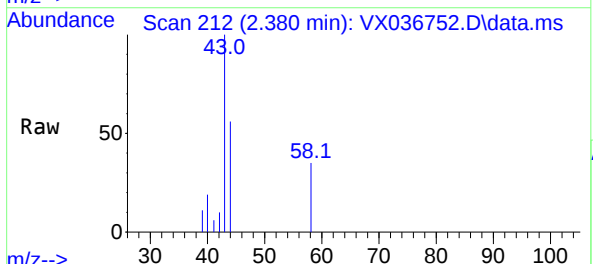
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

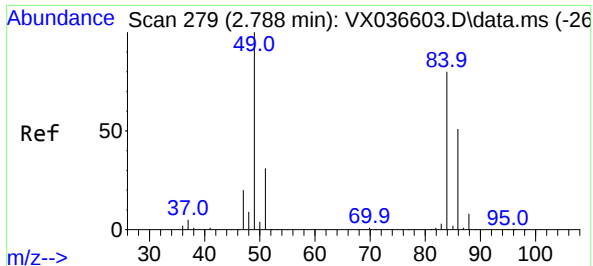
Tgt Ion: 56 Resp: 242
Ion Ratio Lower Upper
56 100
55 109.5 57.1 85.7#



#16
Acetone
Concen: 1.912 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 35.0 21.9 32.9#

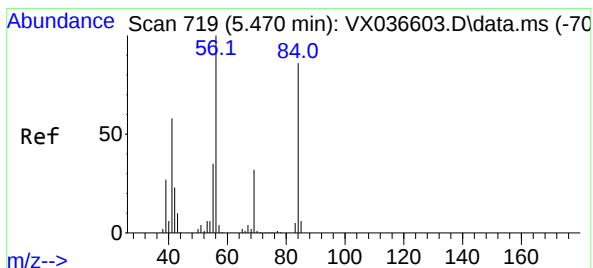
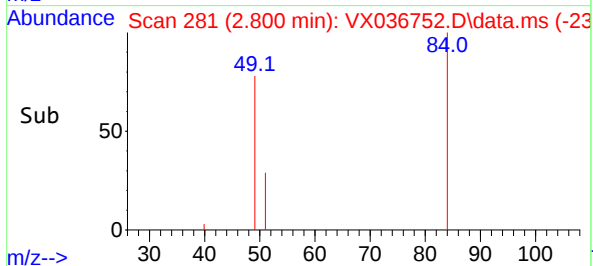
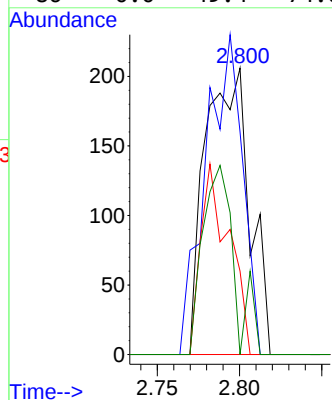
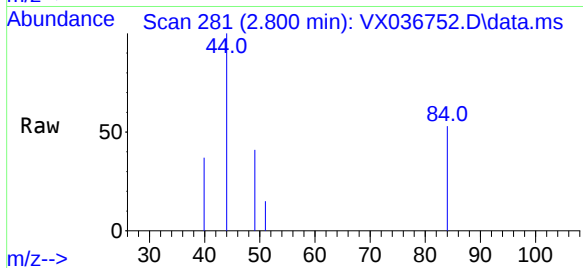




#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

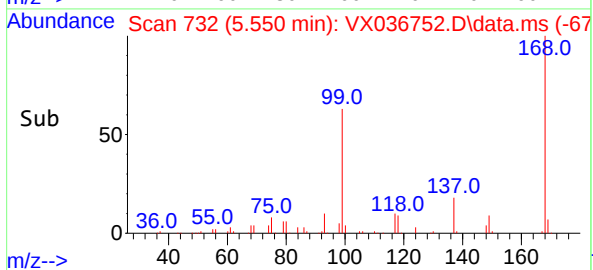
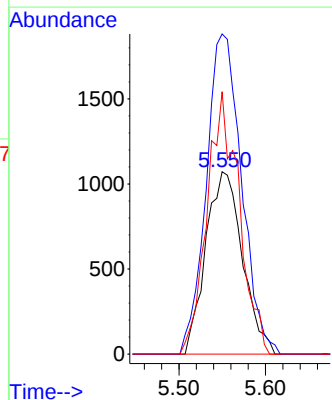
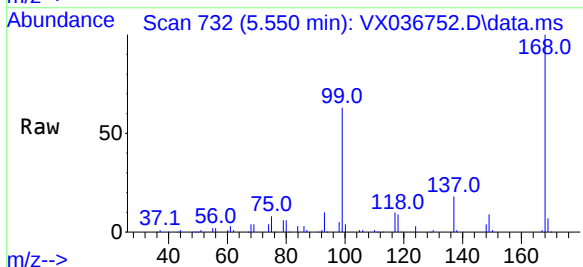
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

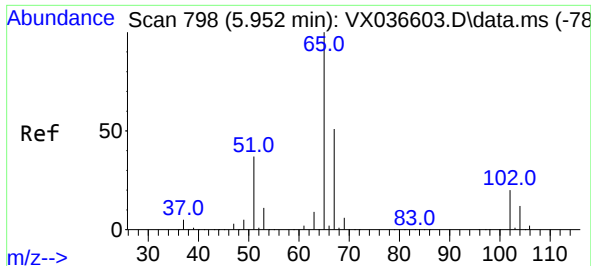
Tgt Ion:	84	Resp:	385
Ion	Ratio	Lower	Upper
84	100		
49	77.7	103.6	155.4#
51	29.1	33.8	50.6#
86	0.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

Tgt Ion:	56	Resp:	3152
Ion	Ratio	Lower	Upper
56	100		
69	175.6	23.4	35.2#
84	143.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.809 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036752.D

Acq: 01 Aug 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

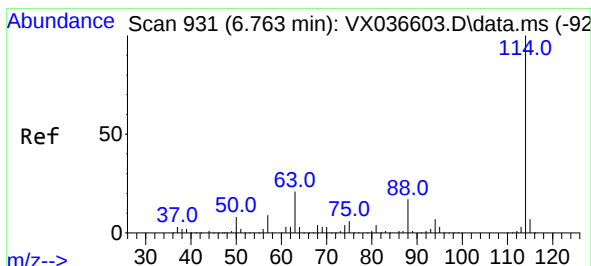
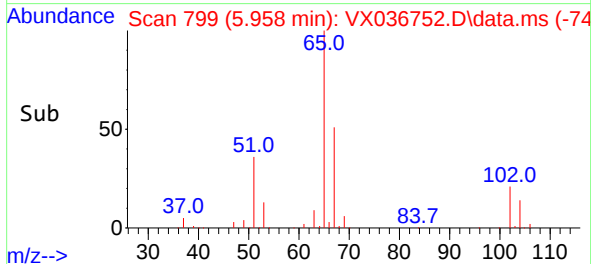
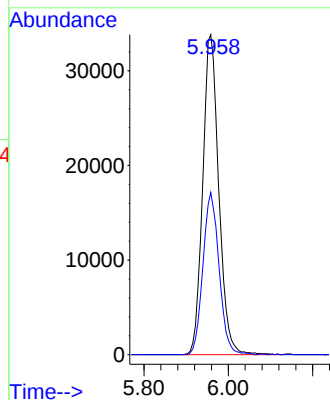
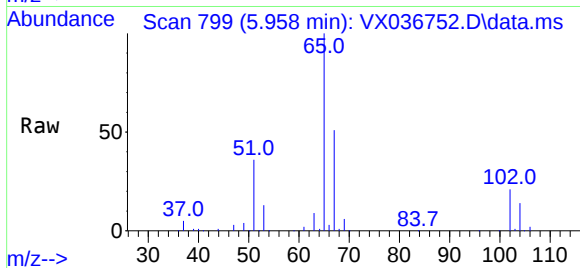
LEA-13S

Tgt Ion: 65 Resp: 89780

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036752.D

Acq: 01 Aug 2023 16:39

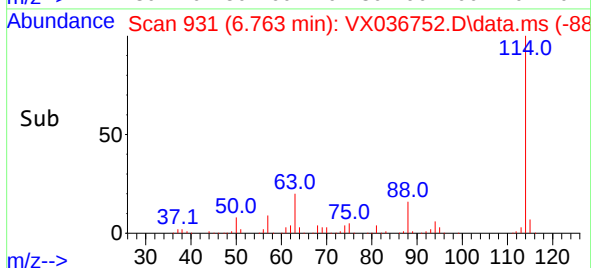
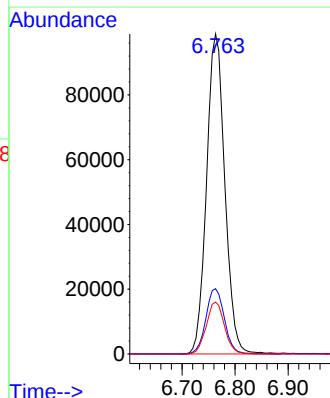
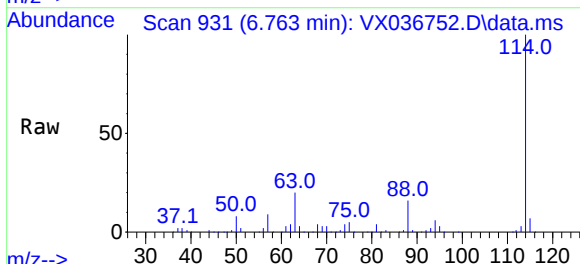
Tgt Ion: 114 Resp: 236703

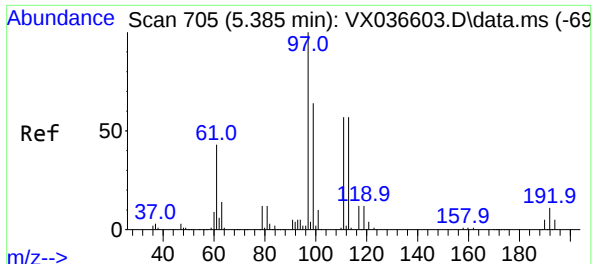
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.2 0.0 36.6



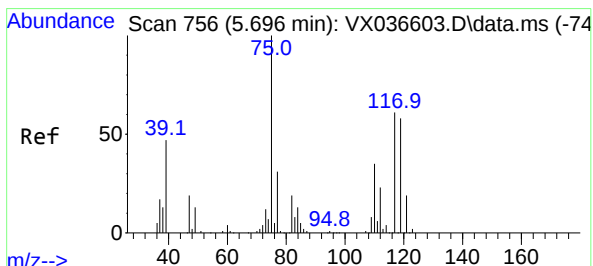
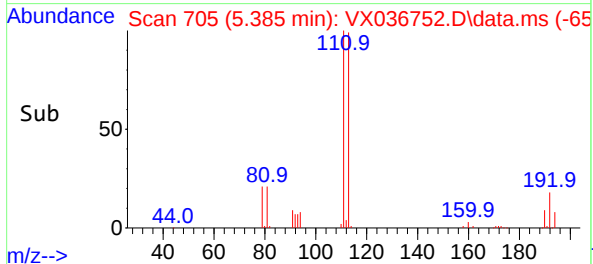
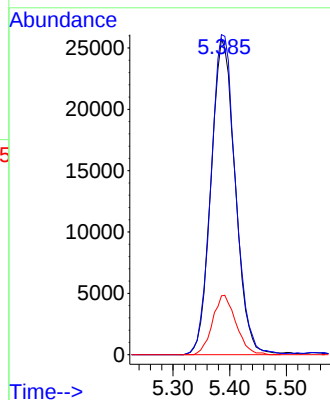
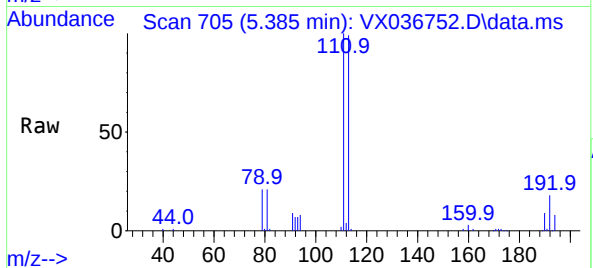


#35
Dibromofluoromethane
Concen: 46.708 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

Tgt Ion: 113 Resp: 75993

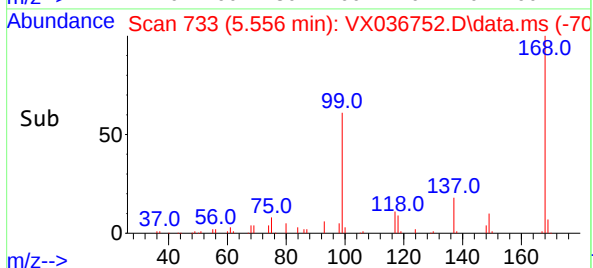
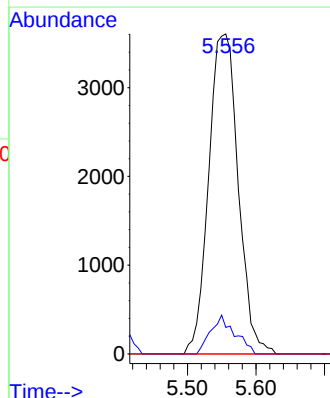
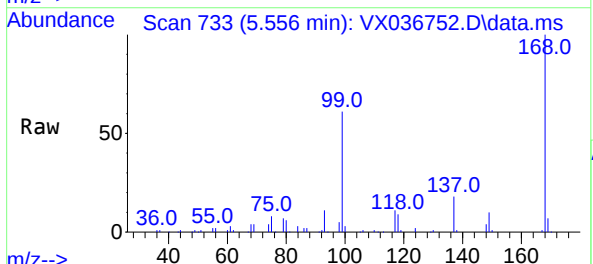
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	18.2	13.3	19.9

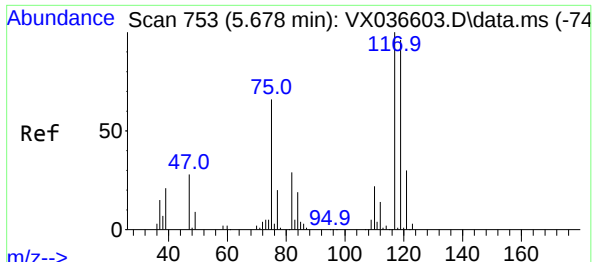


#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

Tgt Ion: 75 Resp: 10792

Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.405 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX036752.D

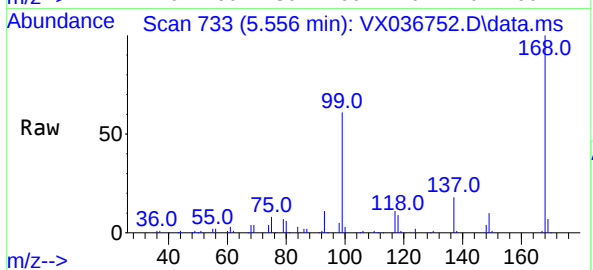
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Instrument :

MSVOA_X

ClientSampleId :

LEA-13S



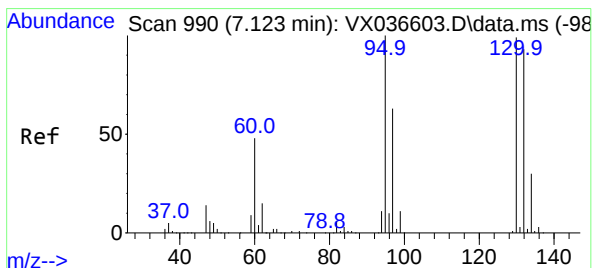
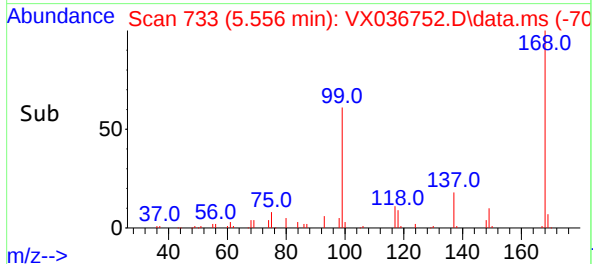
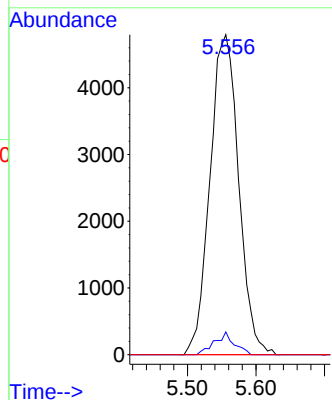
Tgt Ion:117 Resp: 13935

Ion Ratio Lower Upper

117 100

119 7.1 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.201 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX036752.D

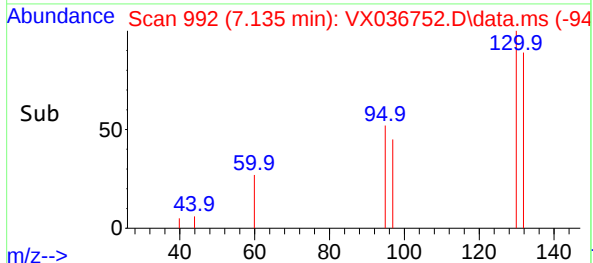
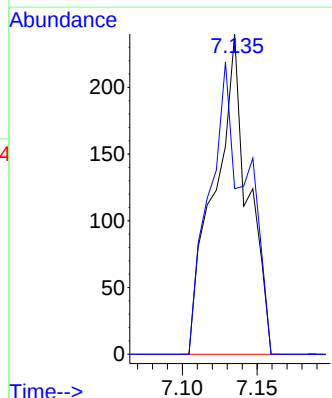
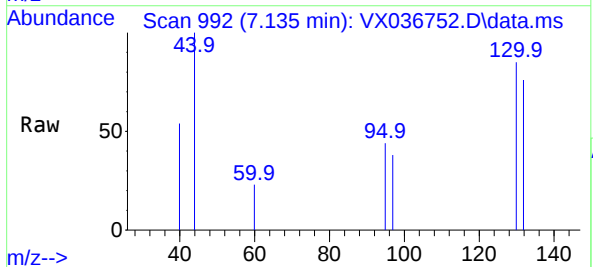
Acq: 01 Aug 2023 16:39

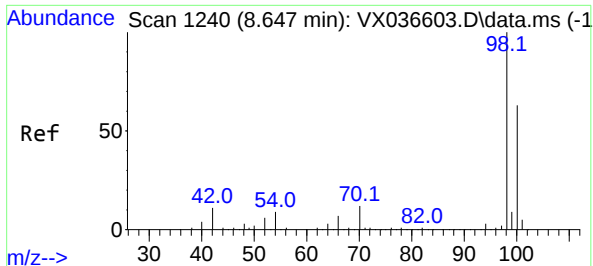
Tgt Ion:130 Resp: 371

Ion Ratio Lower Upper

130 100

95 51.7 0.0 204.4

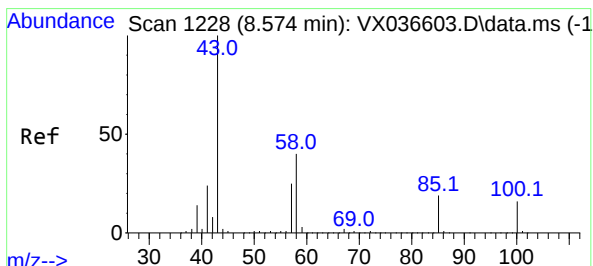
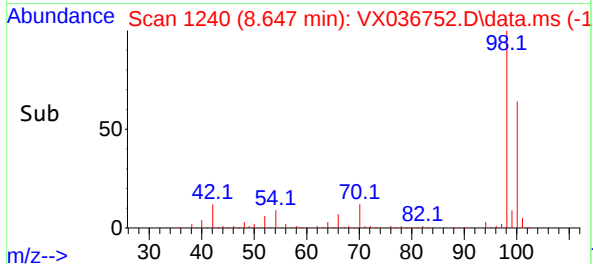
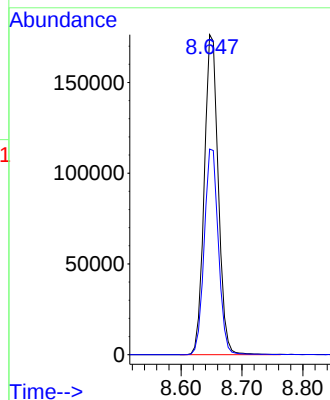
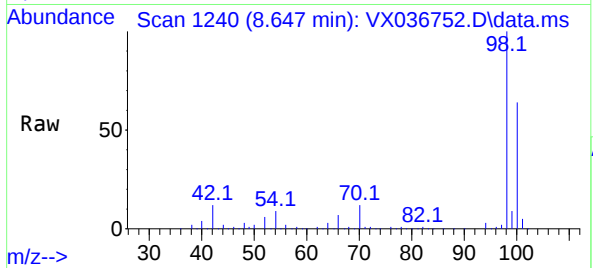




#50
Toluene-d8
Concen: 48.770 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

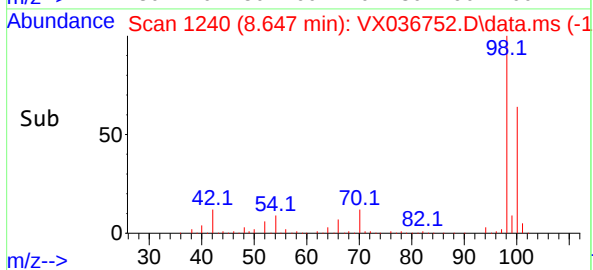
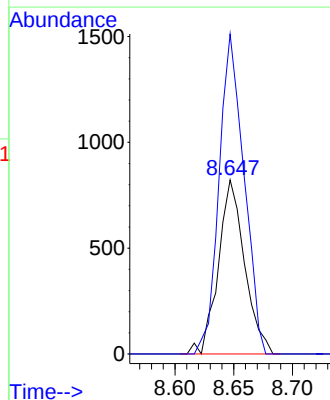
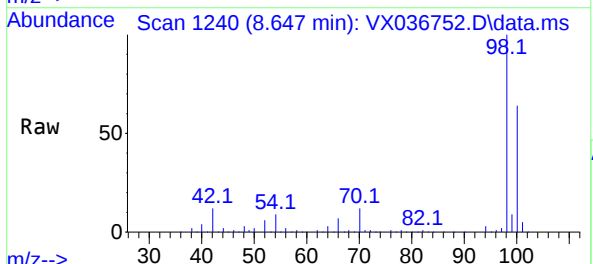
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

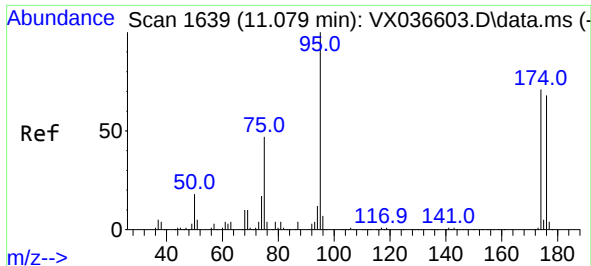
Tgt Ion: 98 Resp: 281380
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
58 174.1 30.4 45.6#

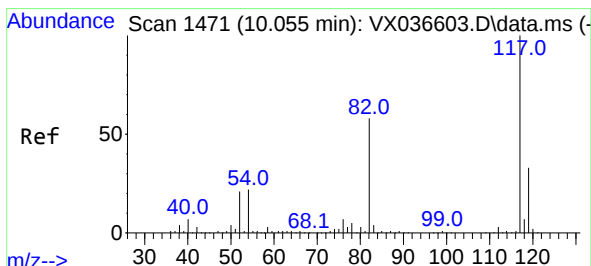
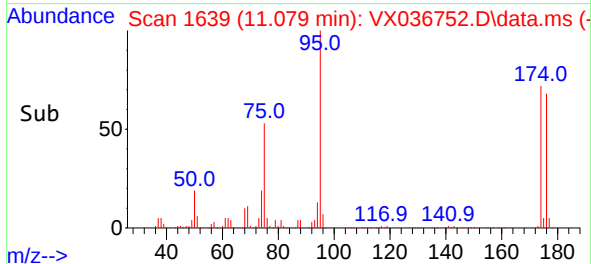
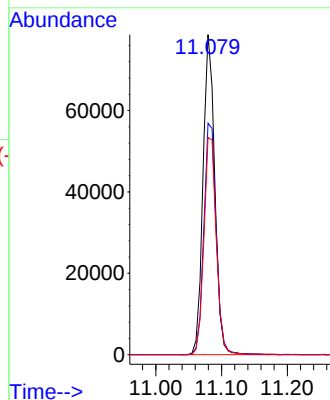
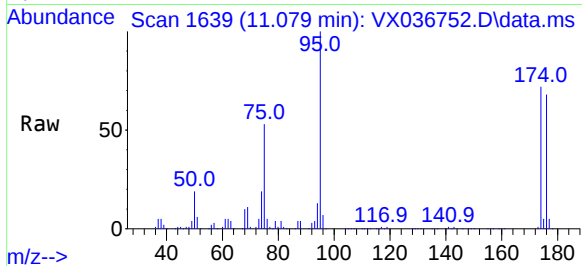




#62
4-Bromofluorobenzene
Concen: 45.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

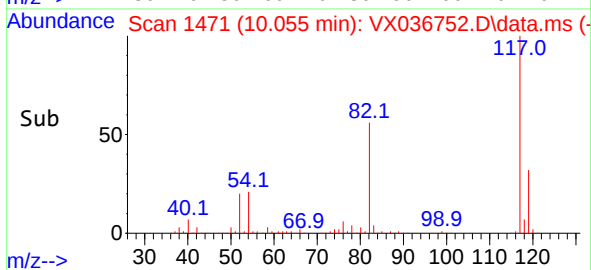
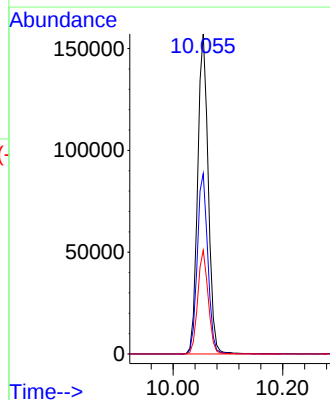
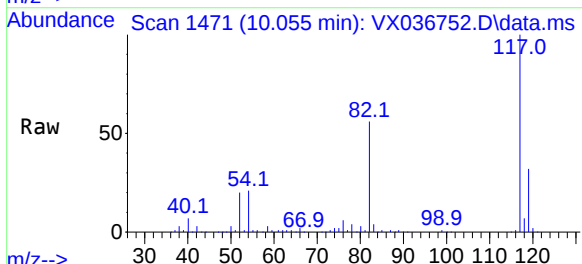
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

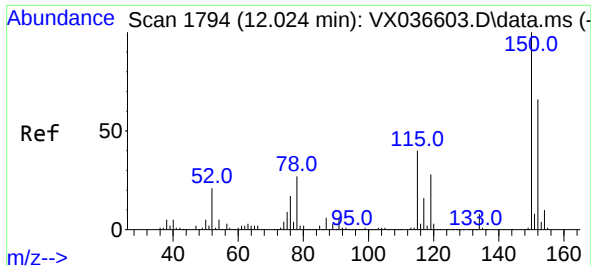
Tgt Ion: 95 Resp: 98203
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

Tgt Ion: 117 Resp: 212189
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.4 25.5 38.3

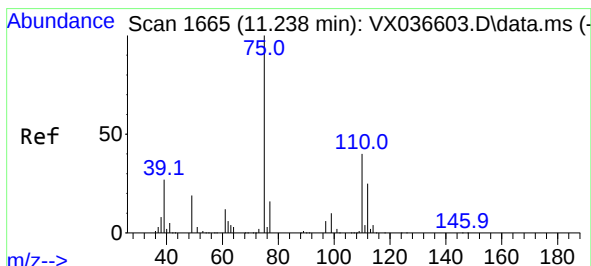
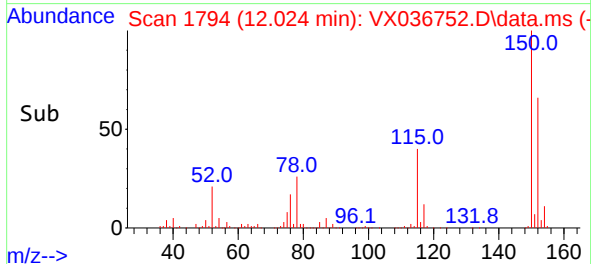
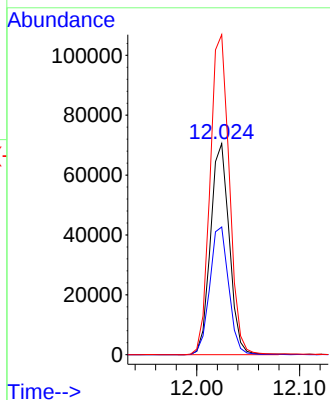
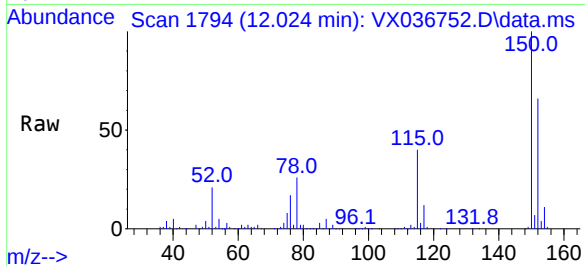




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

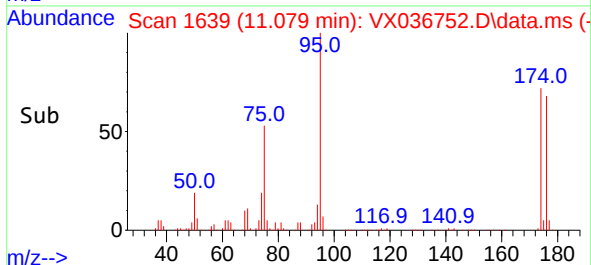
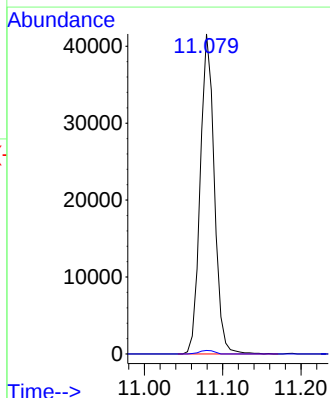
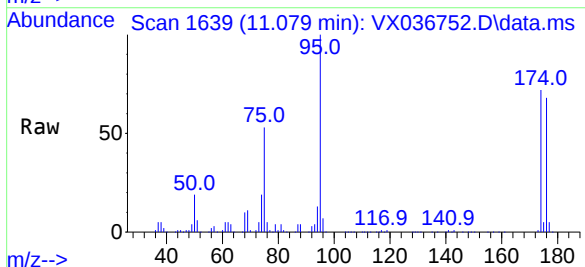
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

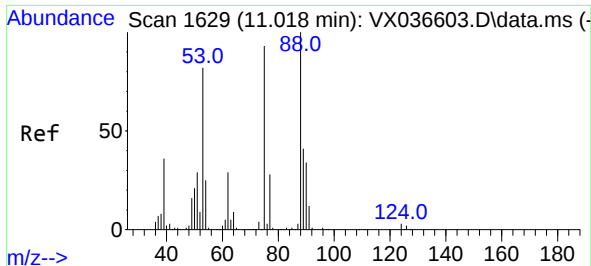
Tgt Ion:152 Resp: 89201
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 155.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036752.D
Acq: 01 Aug 2023 16:39

Tgt Ion: 75 Resp: 51971
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.144 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX036752.D
 Acq: 01 Aug 2023 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-13S

Tgt Ion: 75 Resp: 51971
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

