

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036751.D
 Acq On : 01 Aug 2023 16:14
 Operator : JC/MD
 Sample : 03856-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-13I

Quant Time: Aug 02 06:25:41 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	134741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90432	45.359	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.720%
35) Dibromofluoromethane	5.391	113	76782	46.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.653	98	285732	48.985	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.960%
62) 4-Bromofluorobenzene	11.079	95	104636	47.546	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.100%

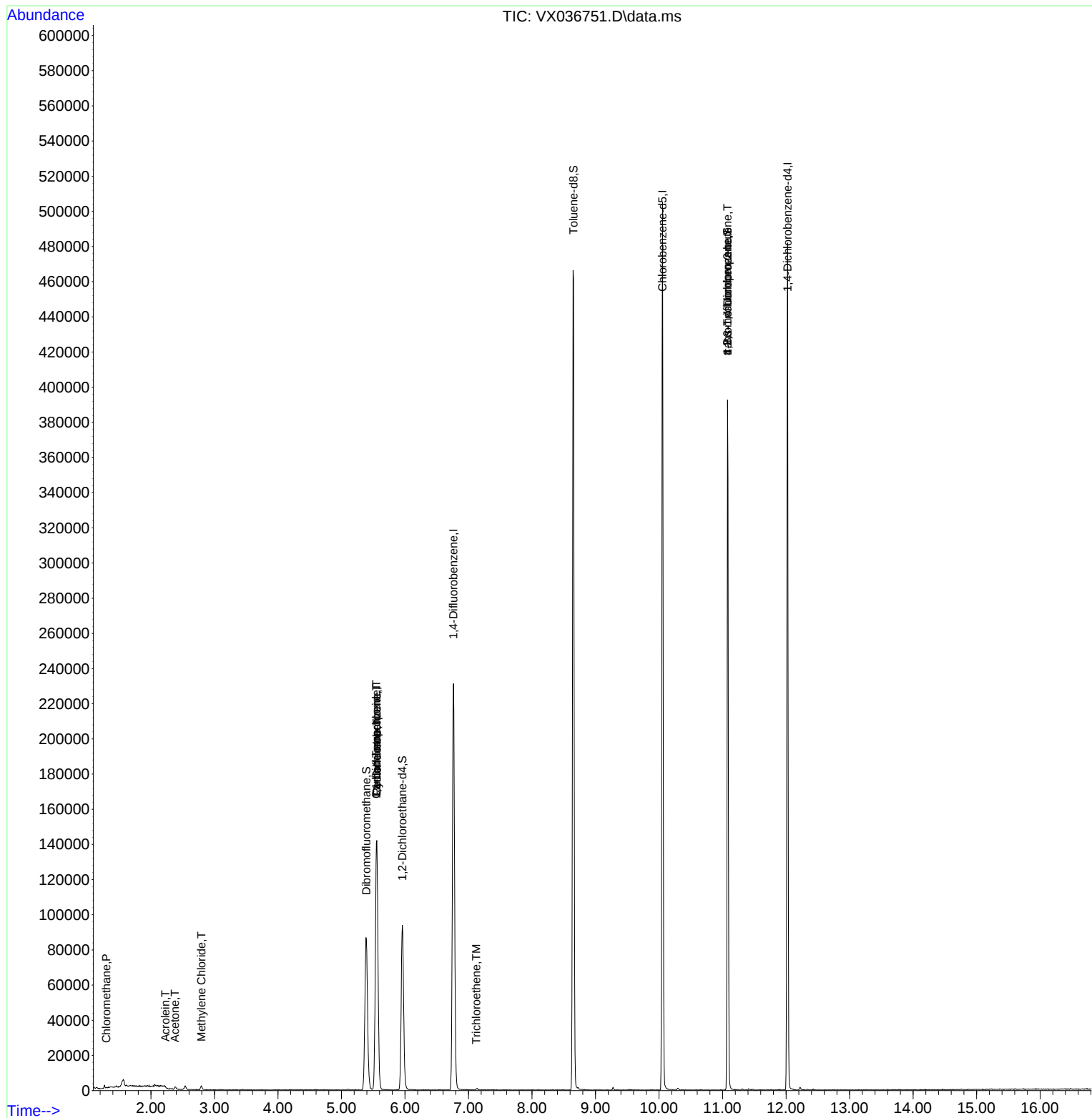
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	361	0.223	ug/l #	43
13) Acrolein	2.227	56	90	0.334	ug/l #	1
16) Acetone	2.379	43	1634	1.975	ug/l #	88
20) Methylene Chloride	2.794	84	1049	0.570	ug/l #	89
31) Cyclohexane	5.556	56	3000	1.087	ug/l #	6
36) 1,1-Dichloropropene	5.549	75	11307	4.612	ug/l #	50
38) Carbon Tetrachloride	5.549	117	13984	5.365	ug/l #	15
44) Trichloroethene	7.122	130	385	0.206	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	53955	24.415	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53955	55.338	ug/l #	5

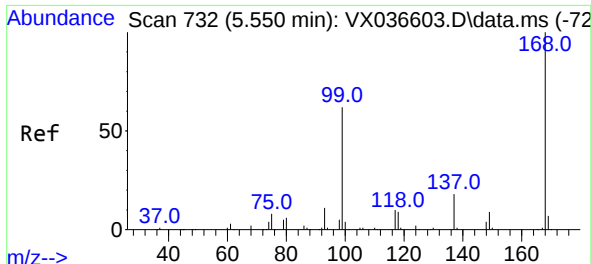
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

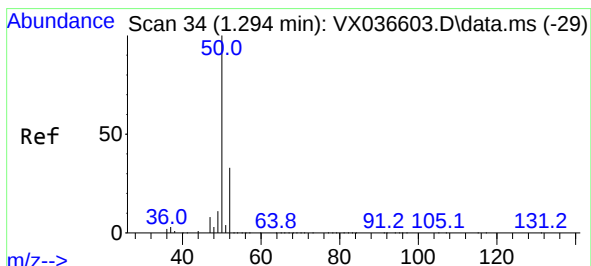
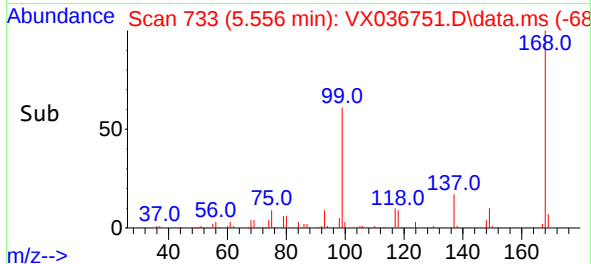
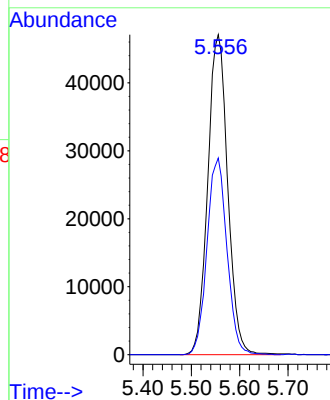
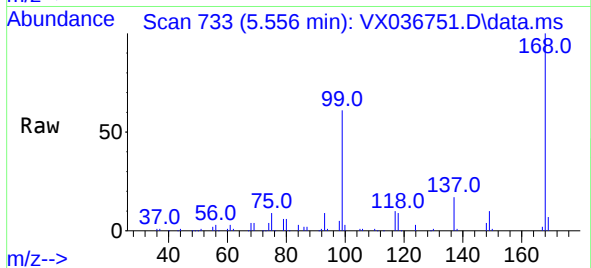




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

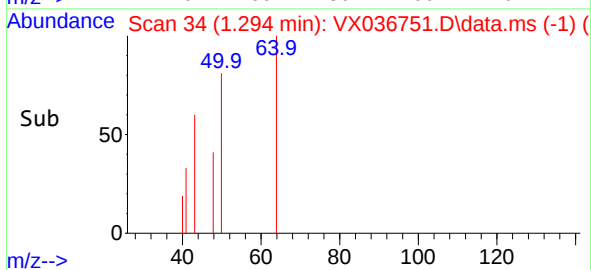
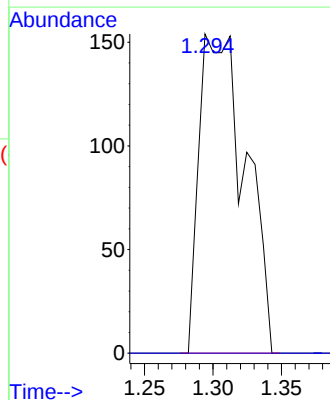
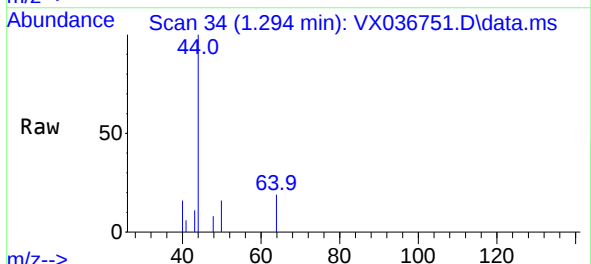
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

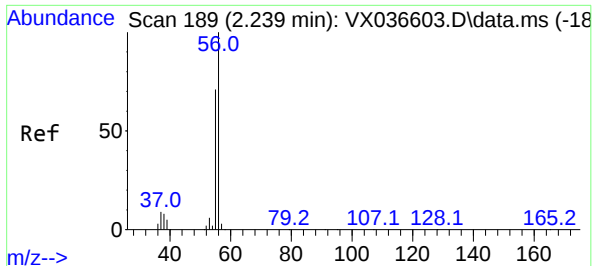
Tgt Ion:168 Resp: 134741
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

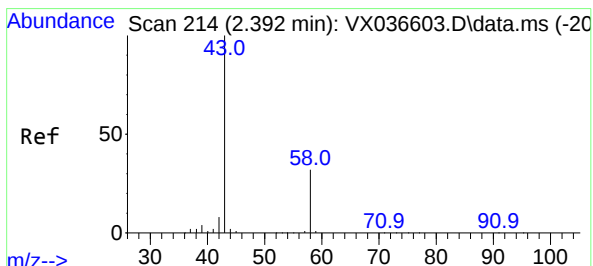
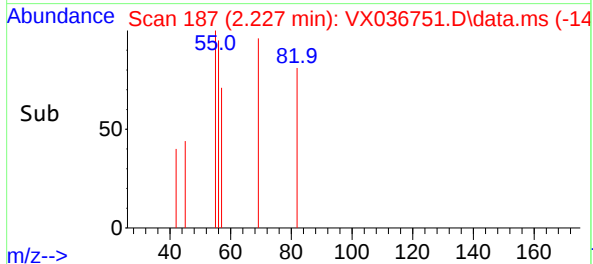
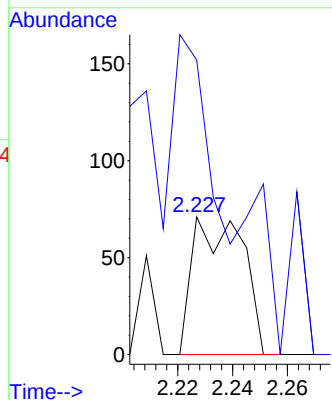
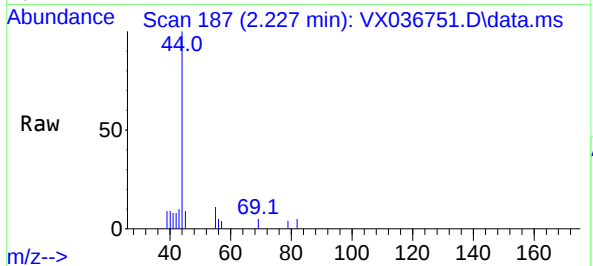




#13
Acrolein
Concen: 0.334 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

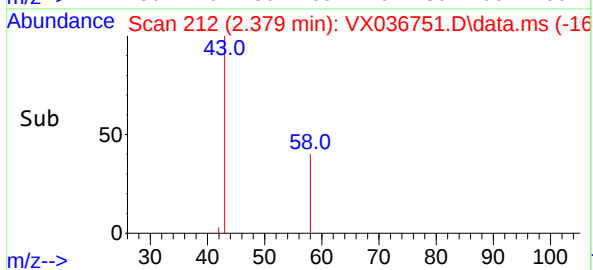
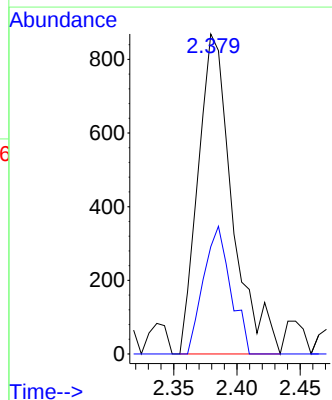
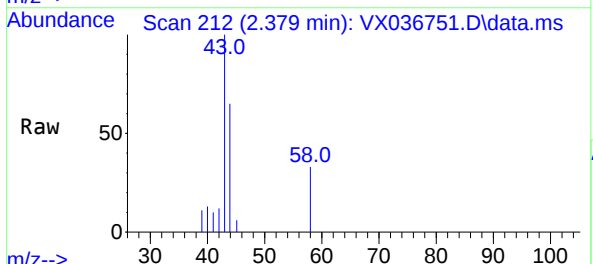
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

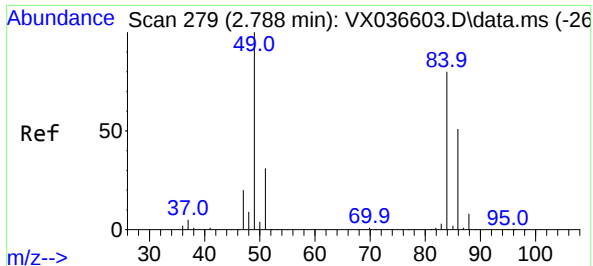
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 283.3 57.1 85.7#



#16
Acetone
Concen: 1.975 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#



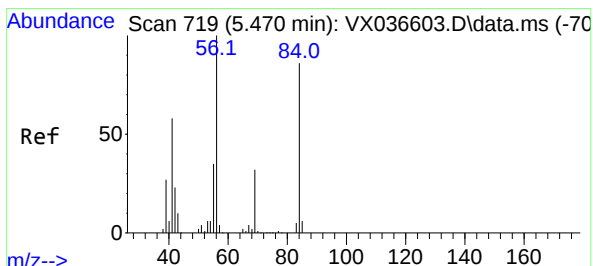
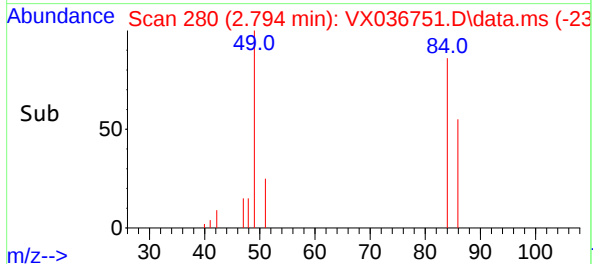
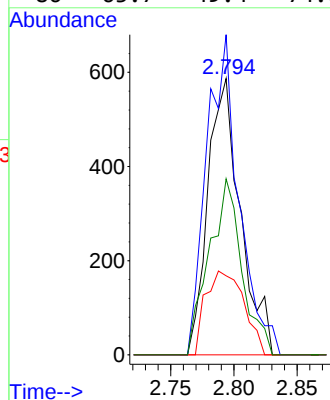
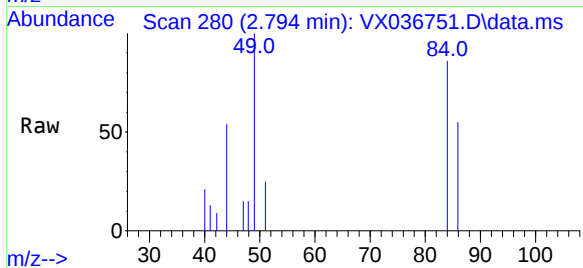


#20
Methylene Chloride
Concen: 0.570 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

Tgt Ion: 84 Resp: 1049

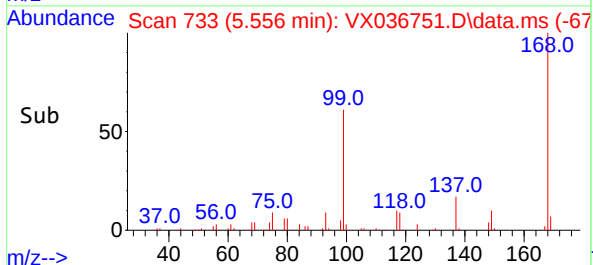
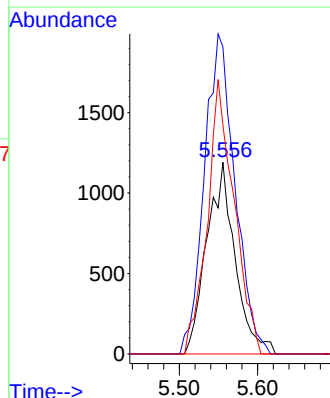
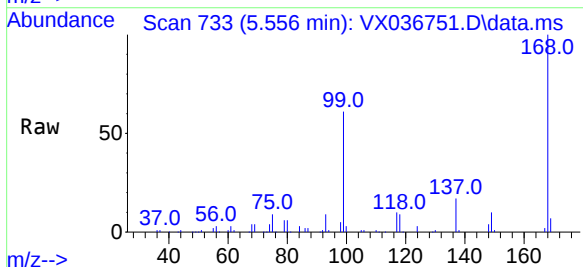
Ion	Ratio	Lower	Upper
84	100		
49	115.8	103.6	155.4
51	28.6	33.8	50.6#
86	63.7	49.4	74.0

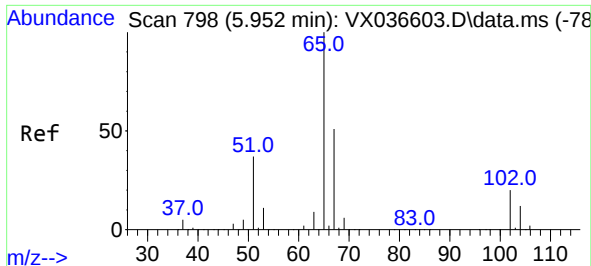


#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Tgt Ion: 56 Resp: 3000

Ion	Ratio	Lower	Upper
56	100		
69	160.2	23.4	35.2#
84	119.4	65.9	98.9#

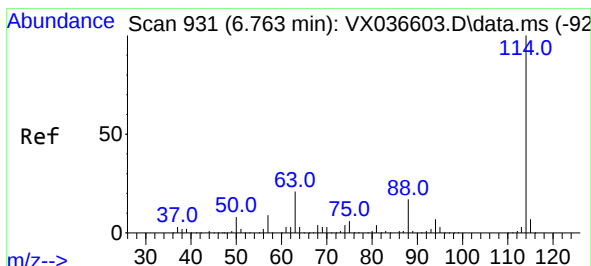
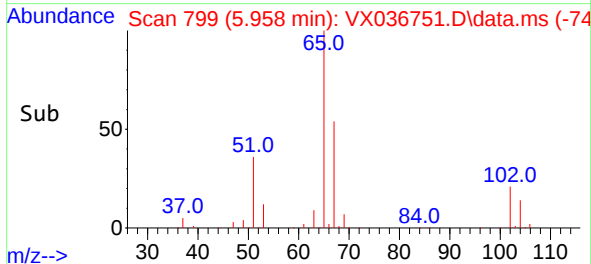
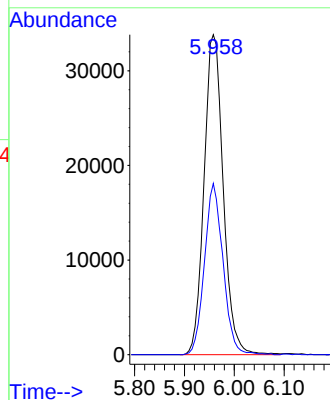
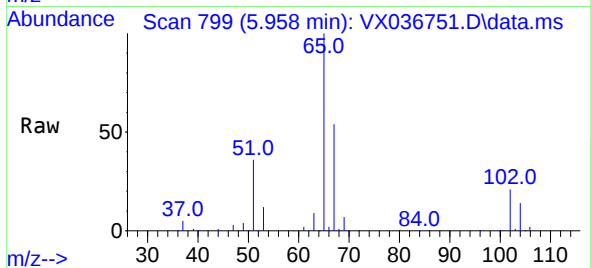




#33
 1,2-Dichloroethane-d4
 Concen: 45.359 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036751.D
 Acq: 01 Aug 2023 16:14

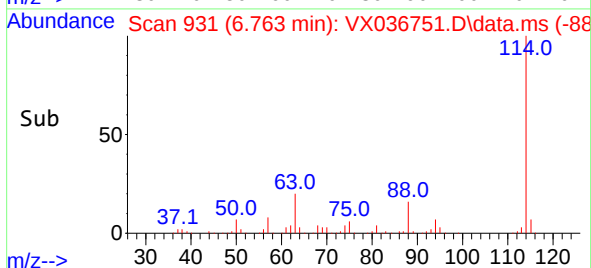
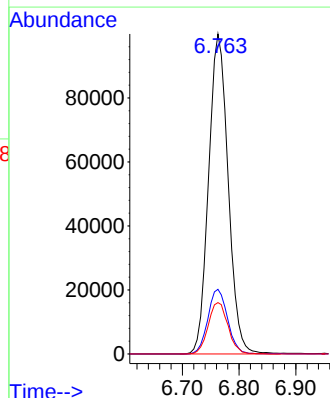
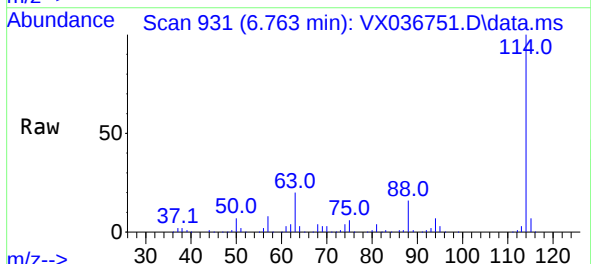
Instrument :
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 ClientSampleId :
 LEA-13I

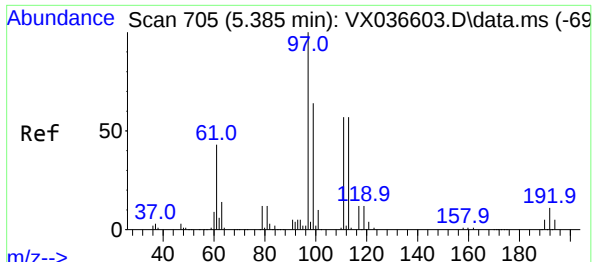
Tgt Ion: 65 Resp: 90432
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036751.D
 Acq: 01 Aug 2023 16:14

Tgt Ion: 114 Resp: 239309
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 16.0 0.0 36.6

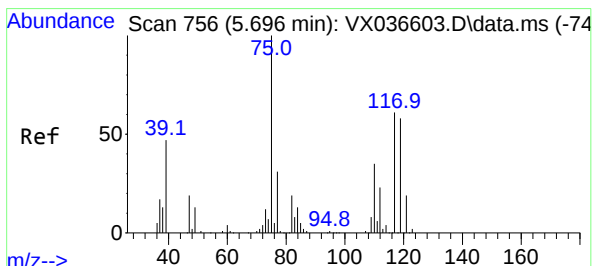
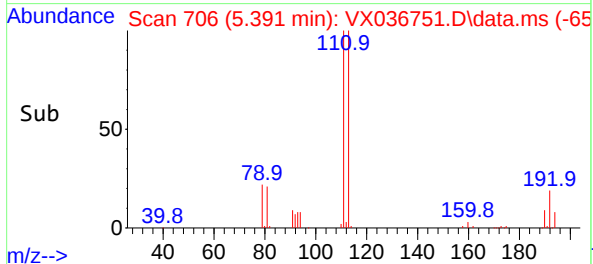
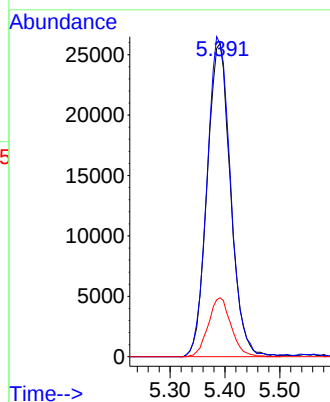
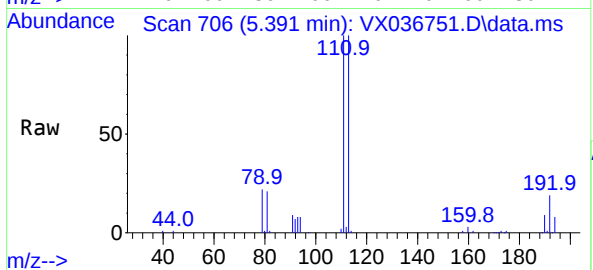




#35
Dibromofluoromethane
Concen: 46.680 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

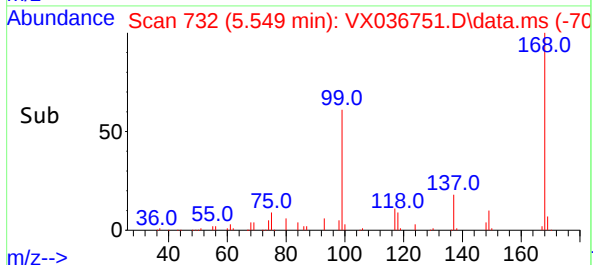
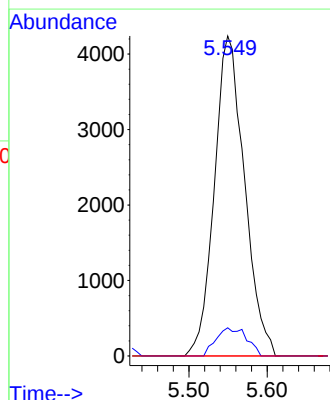
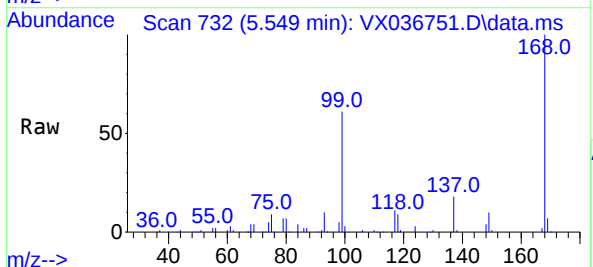
Instrument :
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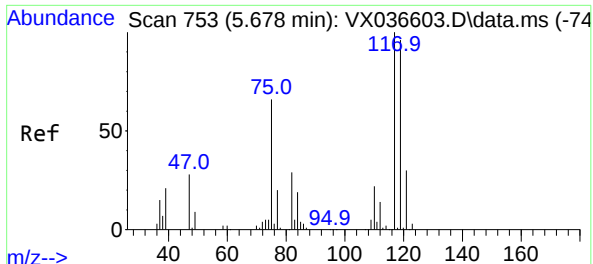
Tgt Ion:113 Resp: 76782
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.612 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

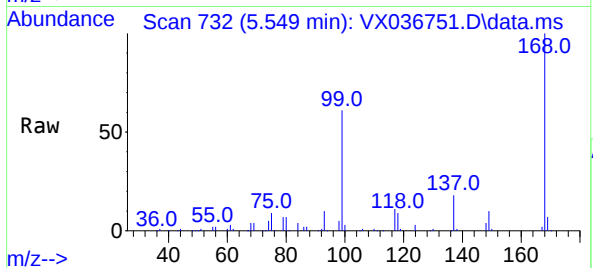
Tgt Ion: 75 Resp: 11307
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



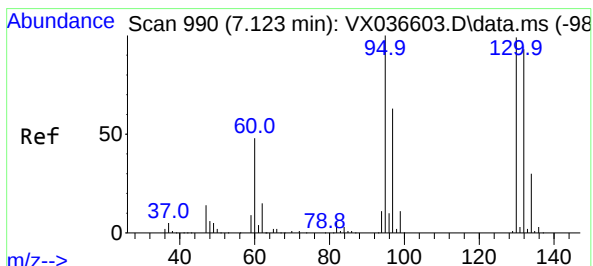
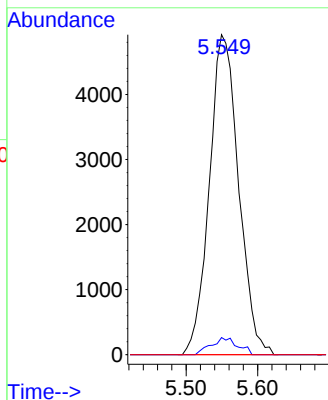
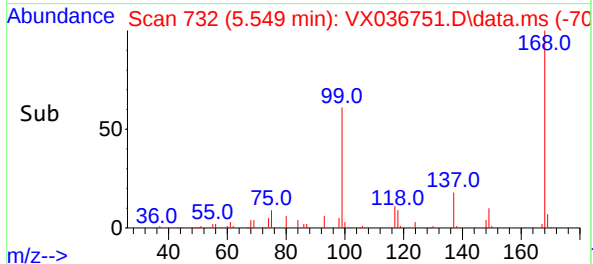


#38
Carbon Tetrachloride
Concen: 5.365 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

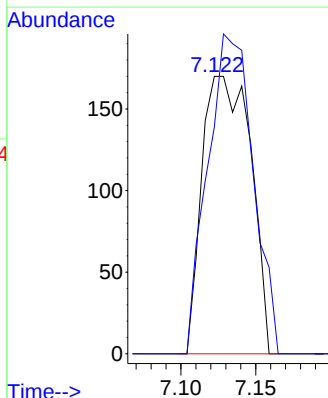
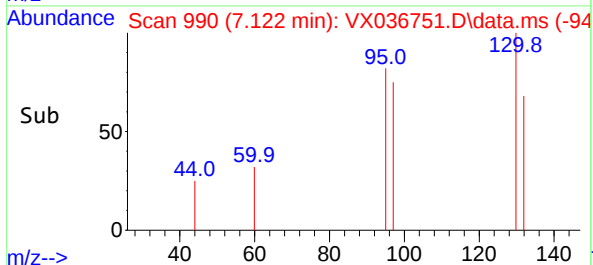
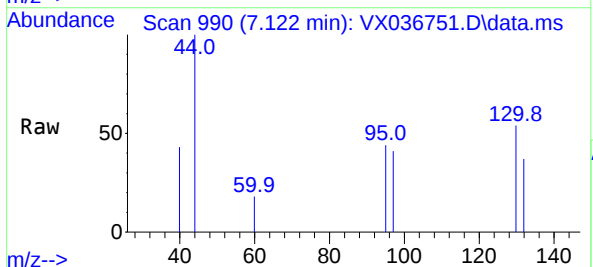


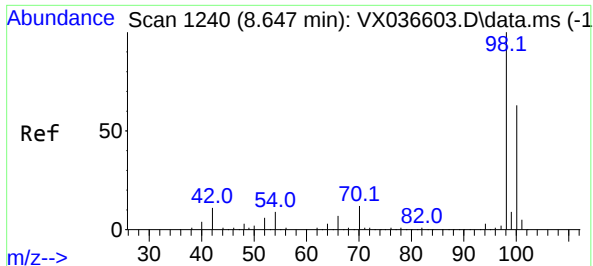
Tgt Ion:117 Resp: 13984
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.206 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Tgt Ion:130 Resp: 385
Ion Ratio Lower Upper
130 100
95 81.8 0.0 204.4

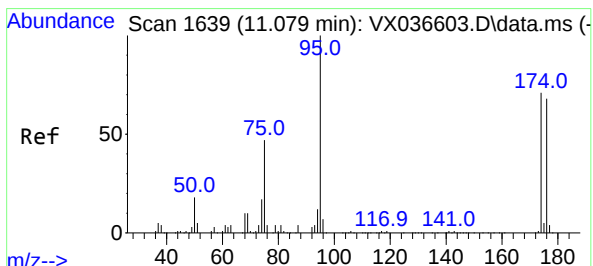
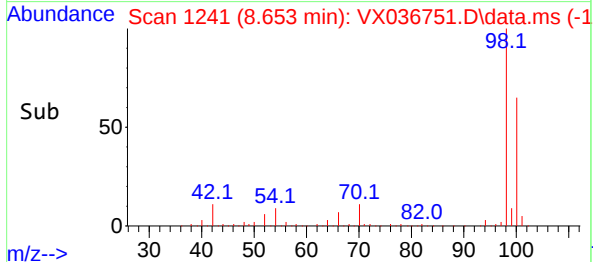
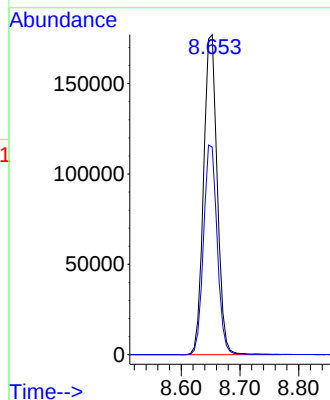
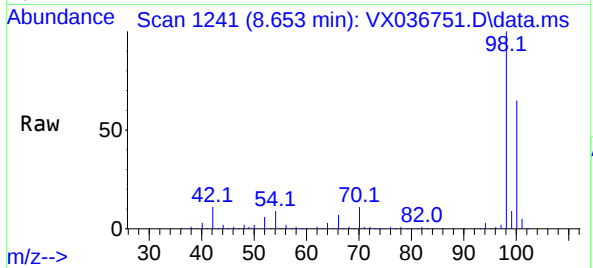




#50
Toluene-d8
Concen: 48.985 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

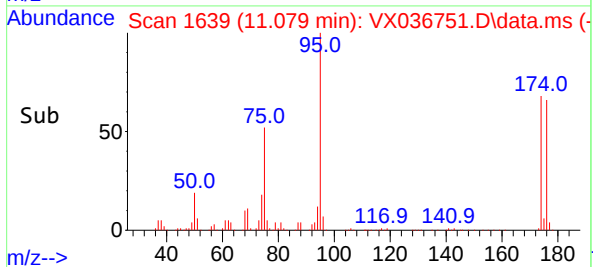
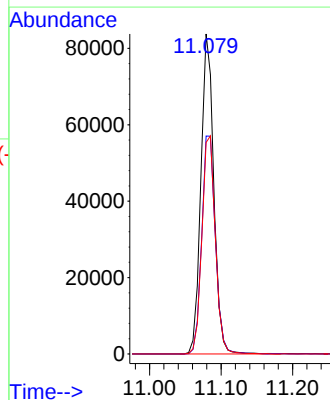
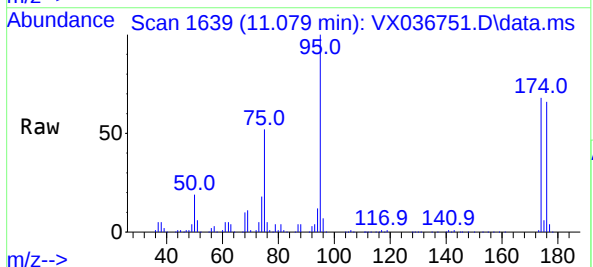
Instrument :
MSVOA_X
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LEA-13I

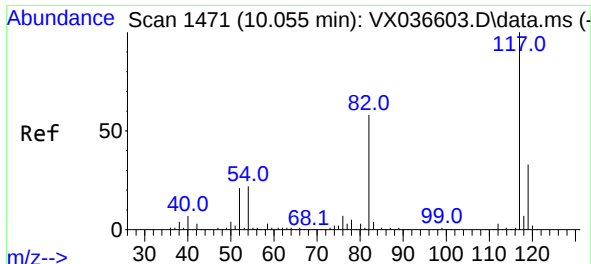
Tgt Ion: 98 Resp: 285732
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Tgt Ion: 95 Resp: 104636
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 71.2 0.0 131.0

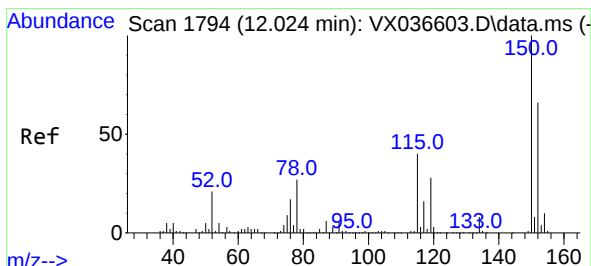
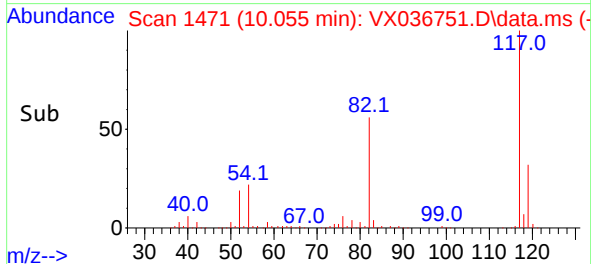
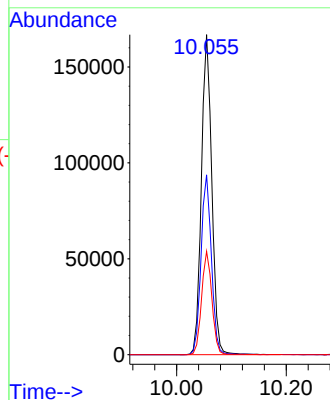
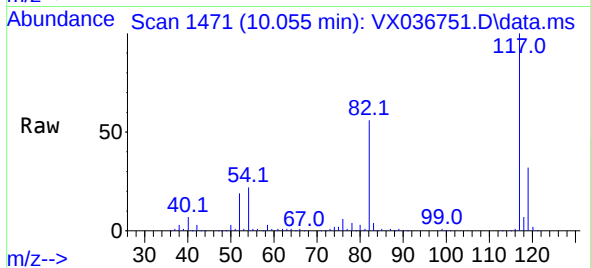




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

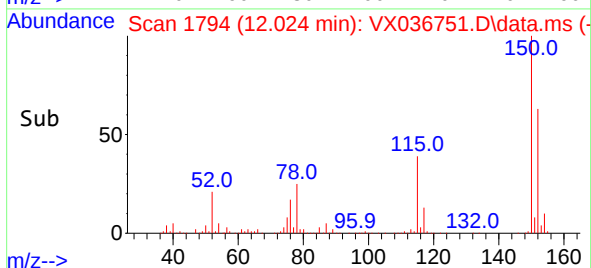
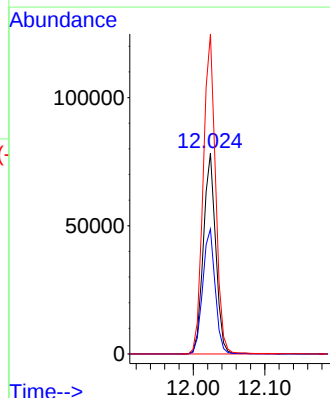
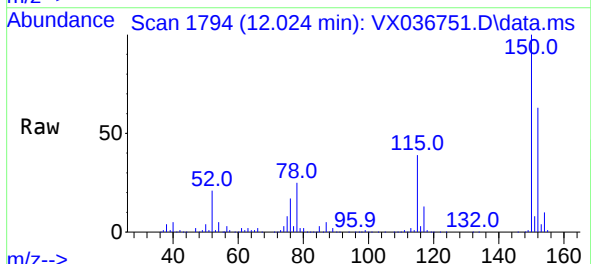
Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

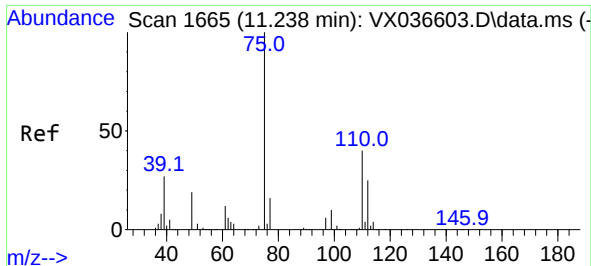
Tgt Ion:117 Resp: 220303
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Tgt Ion:152 Resp: 93955
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 159.8 0.0 345.0

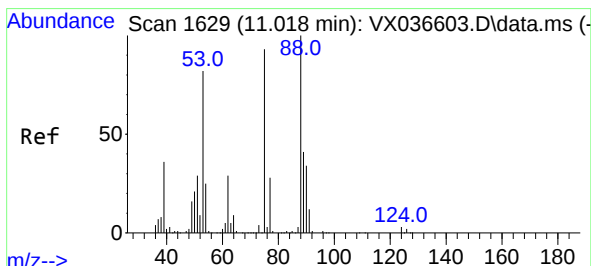
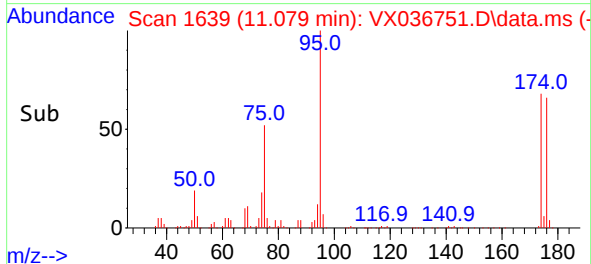
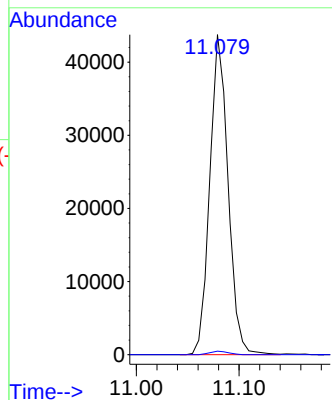
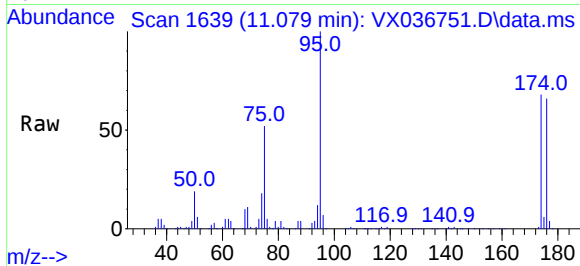




#76
1,2,3-Trichloropropane
Concen: 24.415 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Instrument :
MSVOA_X
ClientSampleId :
LEA-13I

Tgt Ion: 75 Resp: 53955
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.338 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036751.D
Acq: 01 Aug 2023 16:14

Tgt Ion: 75 Resp: 53955
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

