

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035485.D
 Acq On : 02 May 2023 17:32
 Operator : JC/MD
 Sample : 02533-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11S

Quant Time: May 03 03:17:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

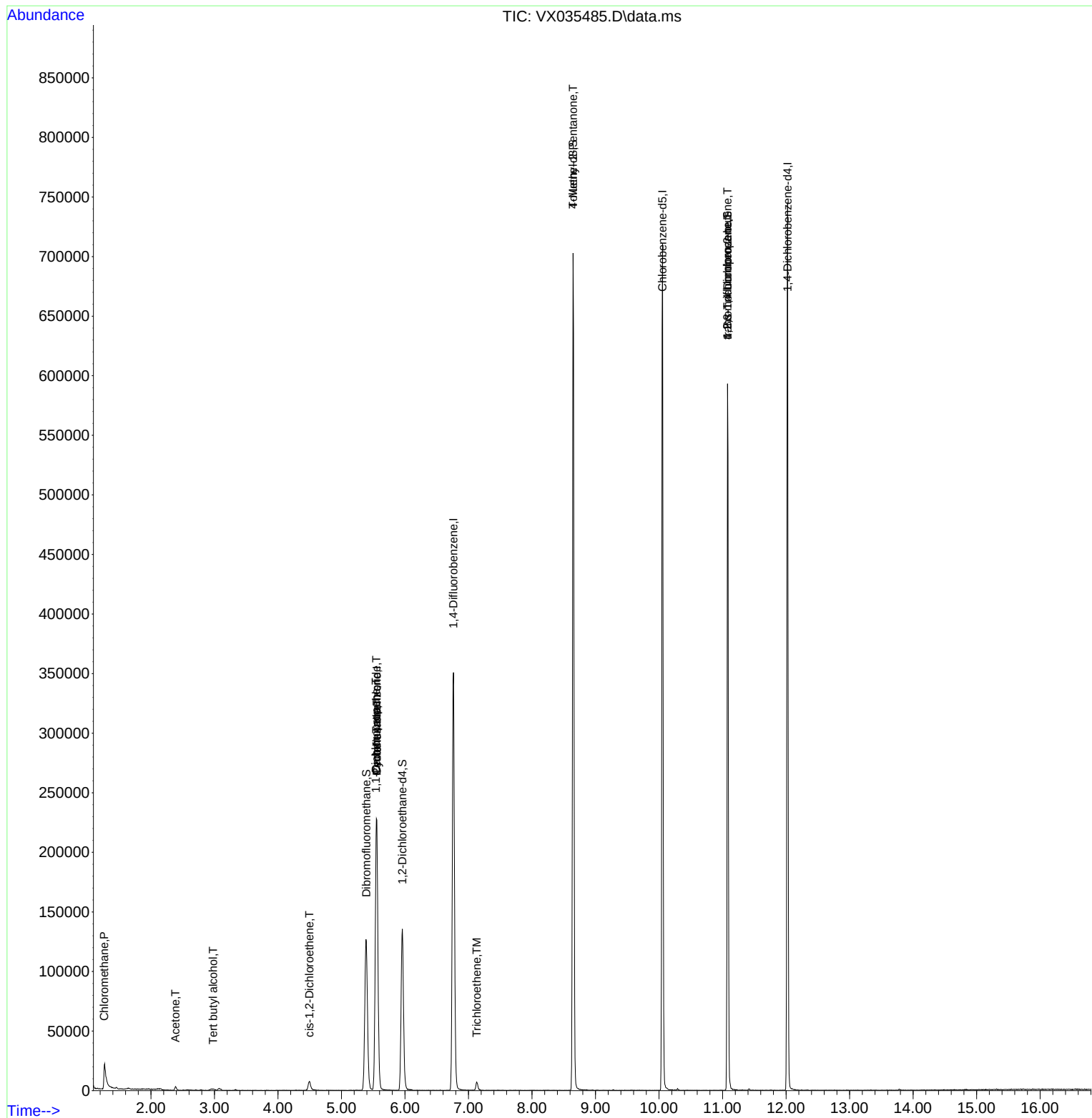
Internal Standards						
1) Pentafluorobenzene	5.556	168	228833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	368449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133819	48.472	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.940%	
35) Dibromofluoromethane	5.391	113	115022	50.862	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.720%	
50) Toluene-d8	8.647	98	429054	50.294	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.580%	
62) 4-Bromofluorobenzene	11.079	95	163967	51.093	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	471	0.214	ug/l #	42
11) Tert butyl alcohol	2.977	59	2005	3.989	ug/l #	88
16) Acetone	2.386	43	3717	3.100	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	5446	1.919	ug/l	84
31) Cyclohexane	5.556	56	4089	1.044	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	16818	4.763	ug/l #	50
38) Carbon Tetrachloride	5.550	117	22616	6.747	ug/l #	16
44) Trichloroethene	7.129	130	2942	1.054	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1746	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	78921	24.302	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	78921	78.709	ug/l #	8

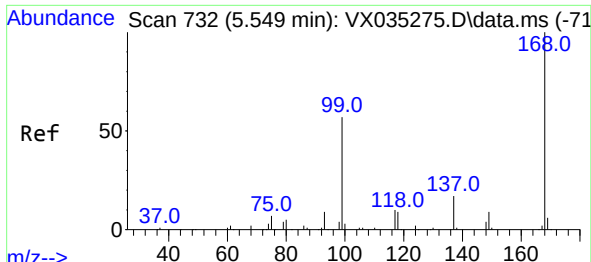
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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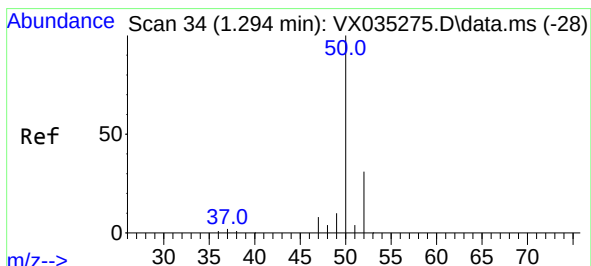
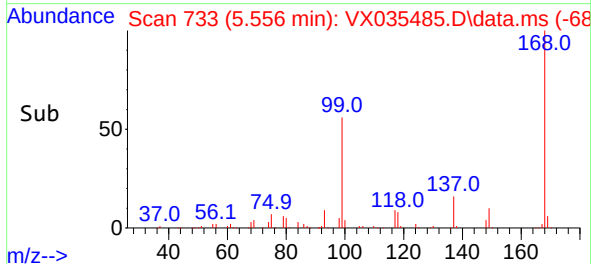
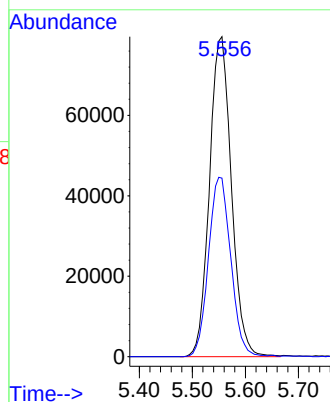
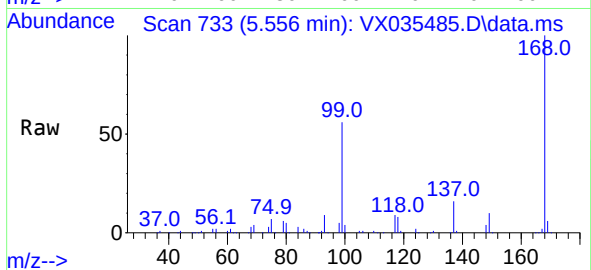




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035485.D
Acq: 02 May 2023 17:32

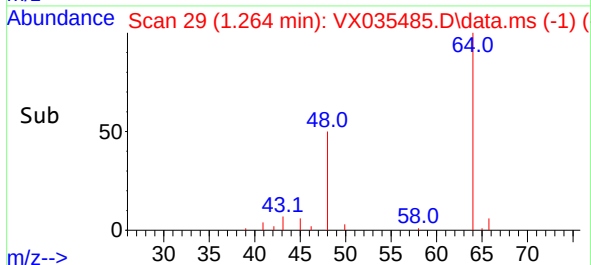
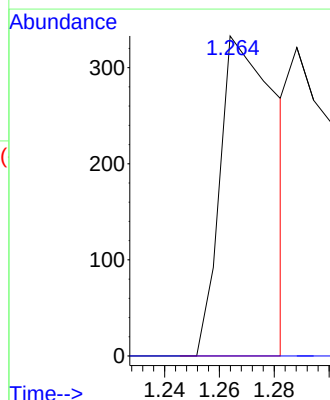
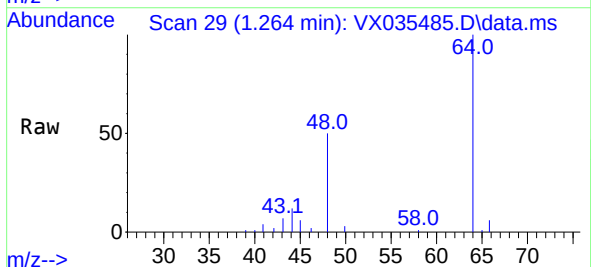
Instrument :
MSVOA_X
ClientSampleId :
LEA-11S

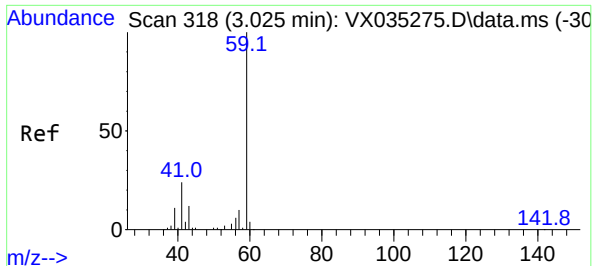
Tgt Ion:168 Resp: 228833
Ion Ratio Lower Upper
168 100
99 55.8 45.7 68.5



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX035485.D
Acq: 02 May 2023 17:32

Tgt Ion: 50 Resp: 471
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 3.989 ug/l

RT: 2.977 min Scan# 31

Delta R.T. -0.048 min

Lab File: VX035485.D

Acq: 02 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

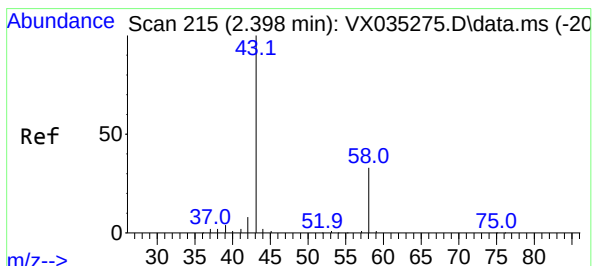
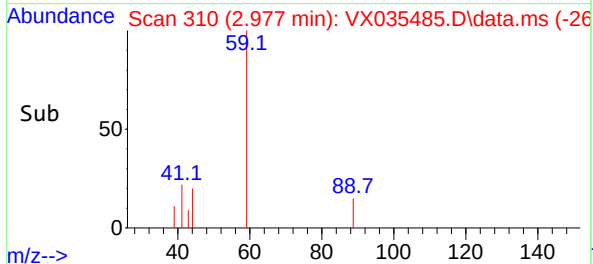
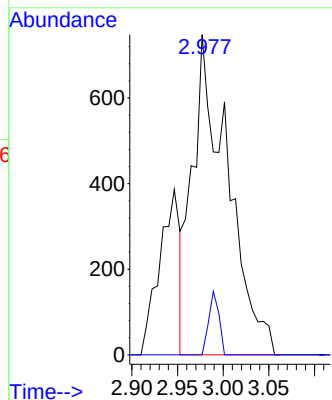
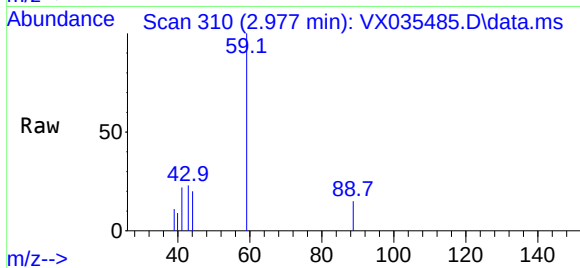
LEA-11S

Tgt Ion: 59 Resp: 2005

Ion Ratio Lower Upper

59 100

57 5.7 8.1 12.1#



#16

Acetone

Concen: 3.100 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX035485.D

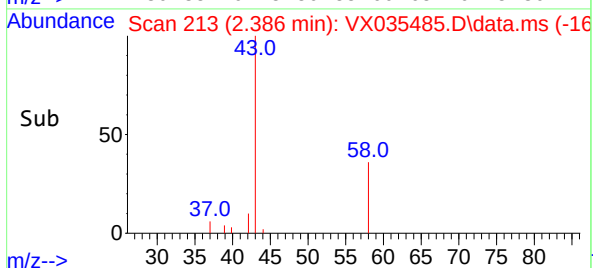
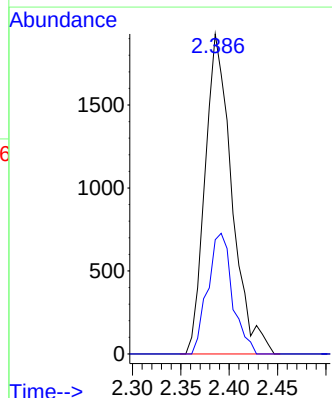
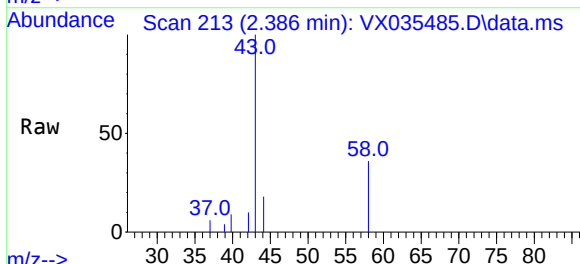
Acq: 02 May 2023 17:32

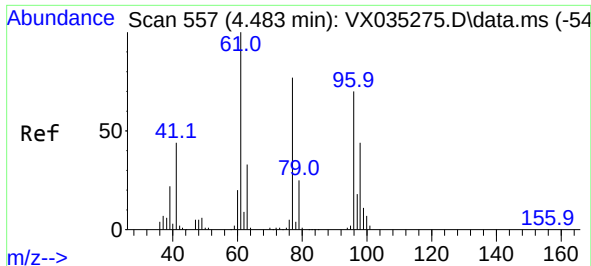
Tgt Ion: 43 Resp: 3717

Ion Ratio Lower Upper

43 100

58 35.7 24.7 37.1





#27

cis-1,2-Dichloroethene

Concen: 1.919 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX035485.D

Acq: 02 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

LEA-11S

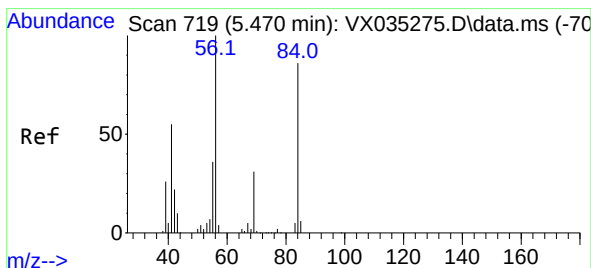
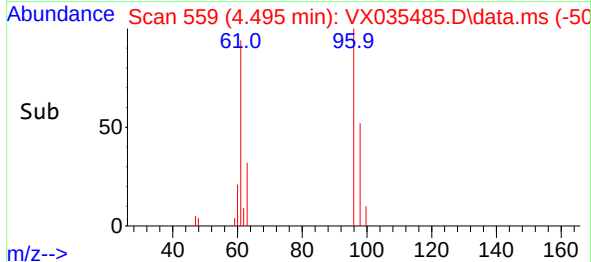
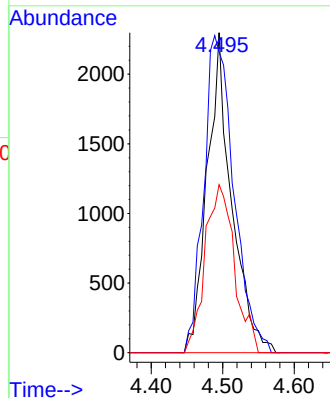
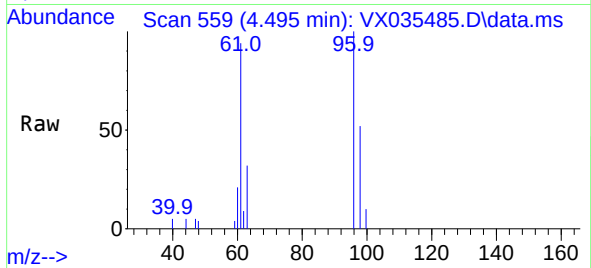
Tgt Ion: 96 Resp: 5446

Ion Ratio Lower Upper

96 100

61 122.0 0.0 300.4

98 63.0 0.0 129.0



#31

Cyclohexane

Concen: 1.044 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX035485.D

Acq: 02 May 2023 17:32

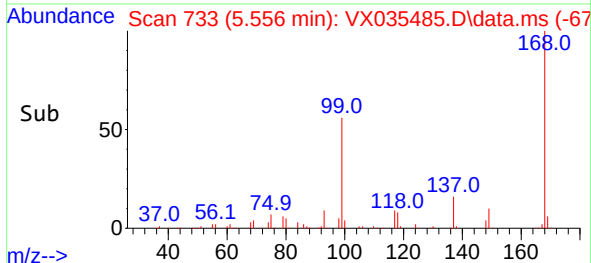
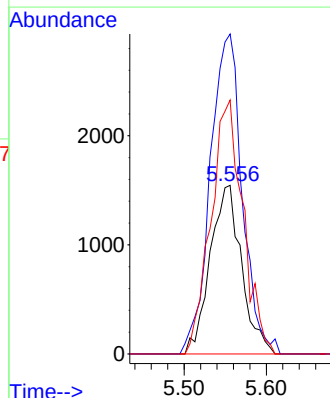
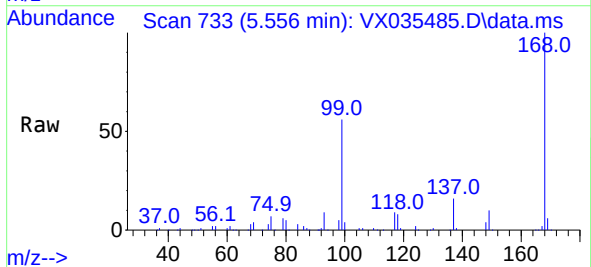
Tgt Ion: 56 Resp: 4089

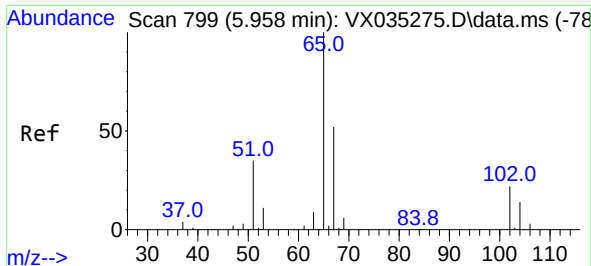
Ion Ratio Lower Upper

56 100

69 189.8 23.7 35.5#

84 150.6 68.5 102.7#

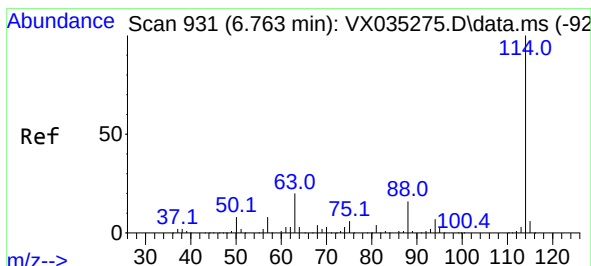
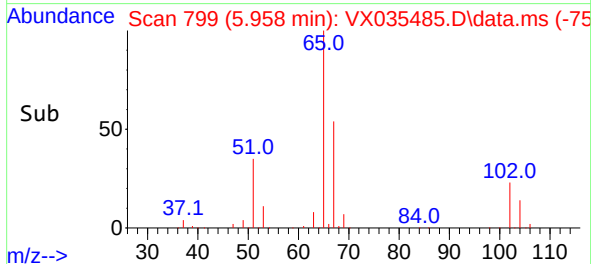
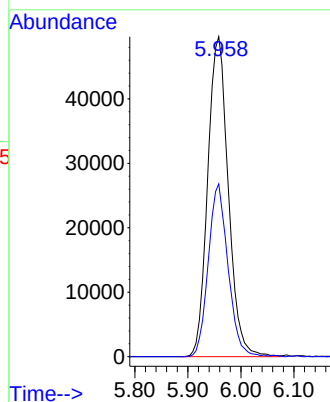
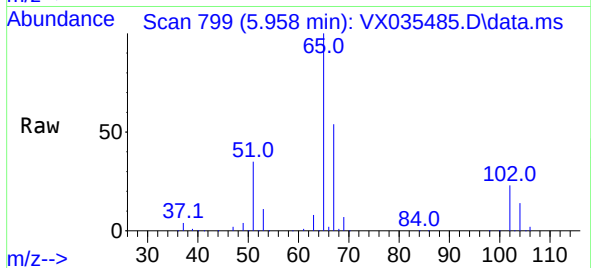




#33
 1,2-Dichloroethane-d4
 Concen: 48.472 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035485.D
 Acq: 02 May 2023 17:32

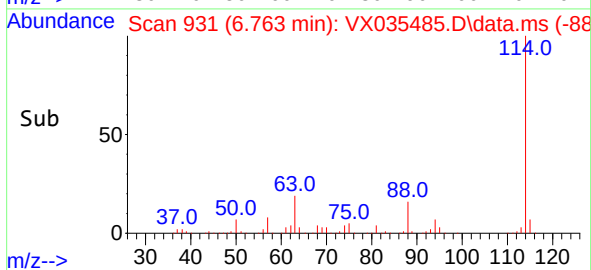
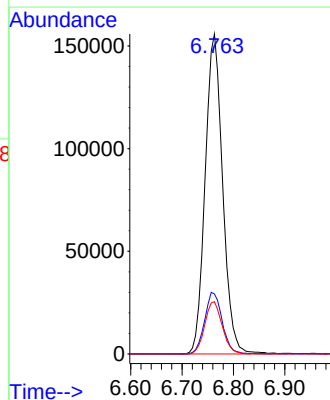
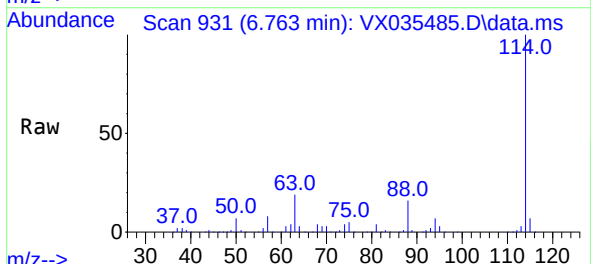
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11S

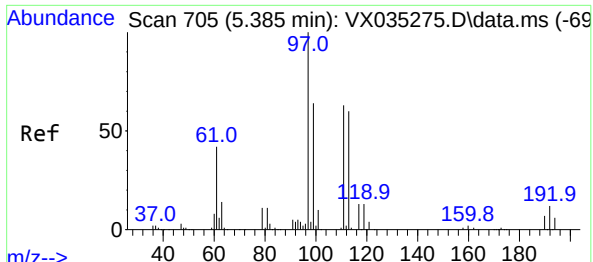
Tgt Ion: 65 Resp: 133819
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035485.D
 Acq: 02 May 2023 17:32

Tgt Ion: 114 Resp: 368449
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.2
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.862 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX035485.D

Acq: 02 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

LEA-11S

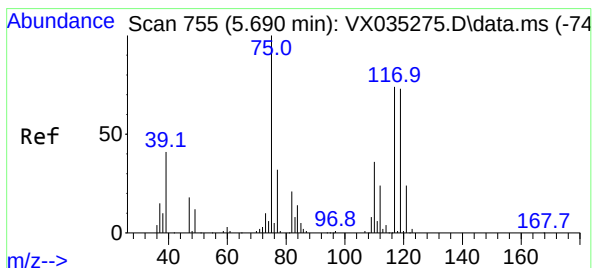
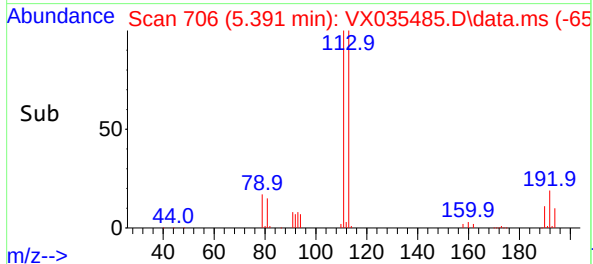
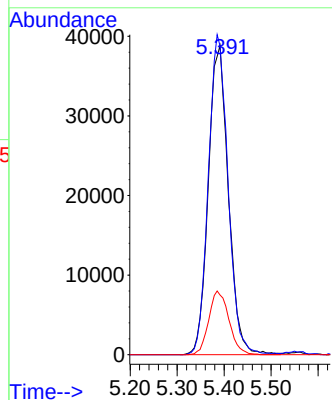
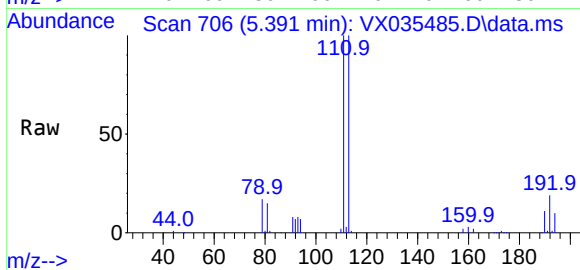
Tgt Ion:113 Resp: 115022

Ion Ratio Lower Upper

113 100

111 101.6 83.7 125.5

192 20.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.763 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX035485.D

Acq: 02 May 2023 17:32

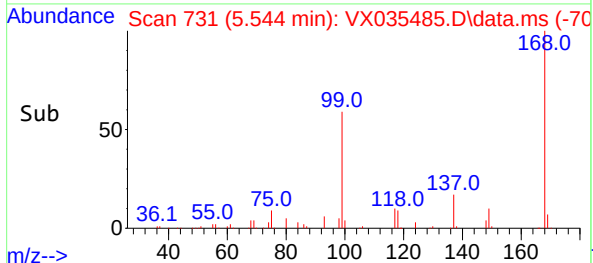
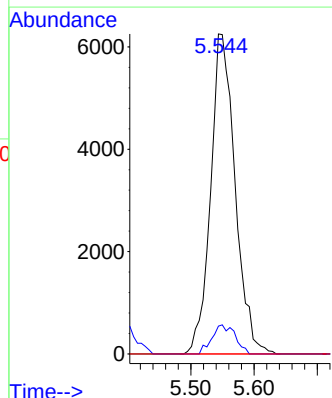
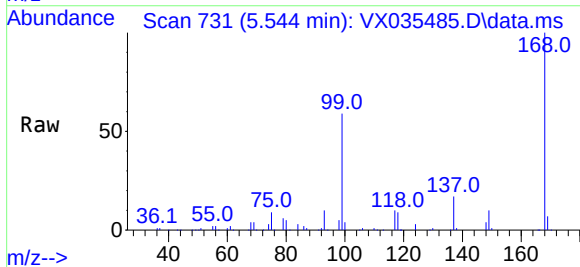
Tgt Ion: 75 Resp: 16818

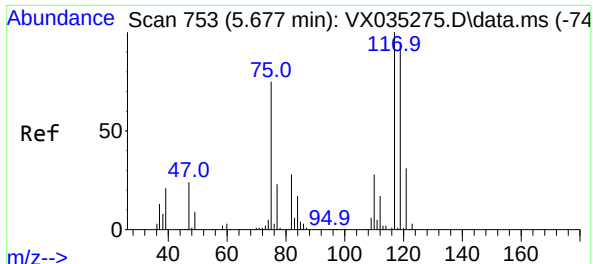
Ion Ratio Lower Upper

75 100

110 8.6 17.5 52.5#

77 0.0 24.3 36.5#

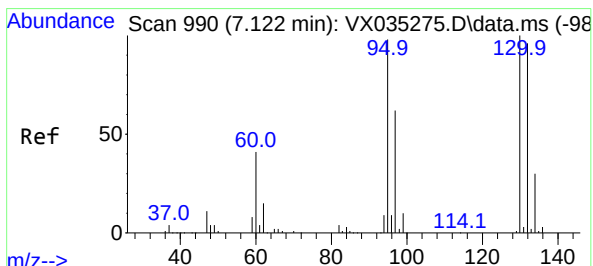
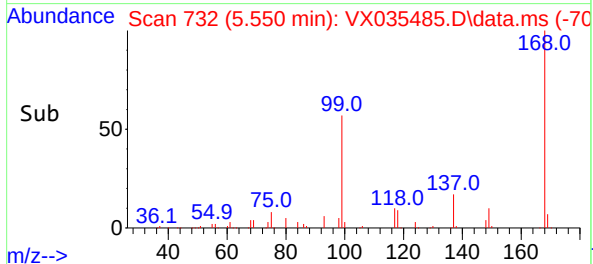
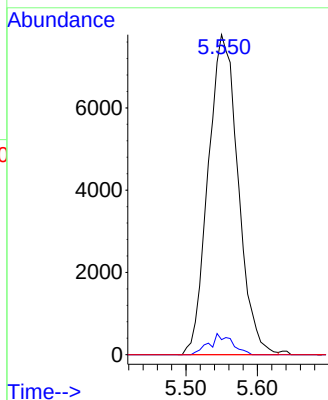
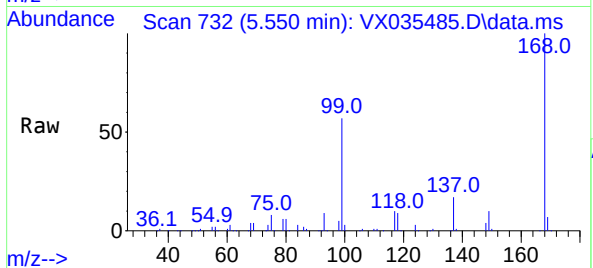




#38
Carbon Tetrachloride
Concen: 6.747 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035485.D
Acq: 02 May 2023 17:32

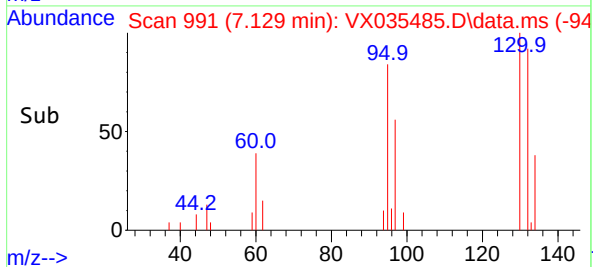
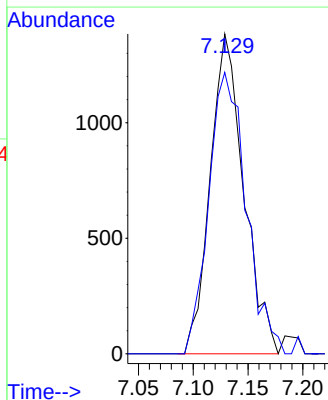
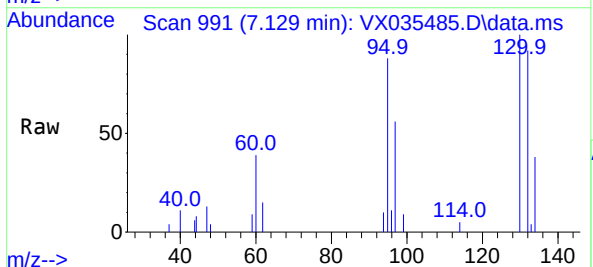
Instrument :
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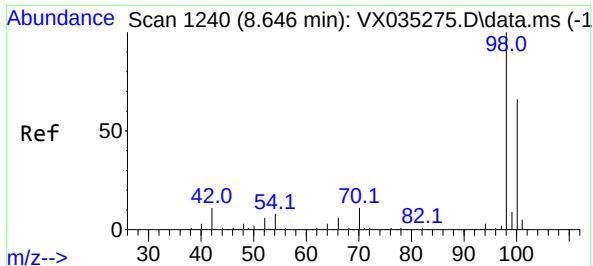
Tgt Ion:117 Resp: 22616
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 1.054 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035485.D
Acq: 02 May 2023 17:32

Tgt Ion:130 Resp: 2942
Ion Ratio Lower Upper
130 100
95 88.0 0.0 198.4

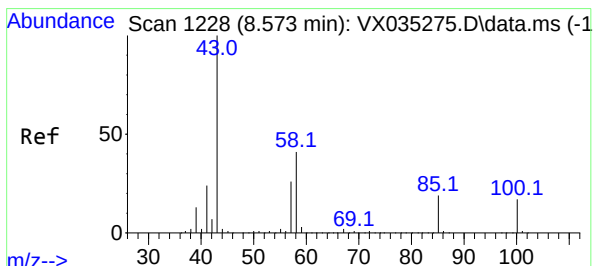
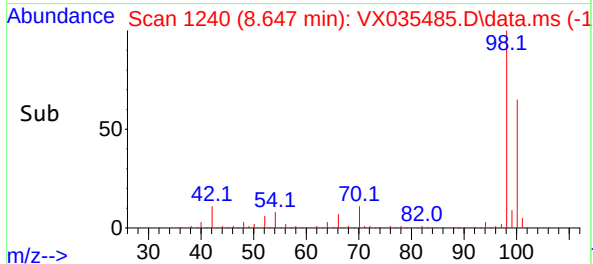
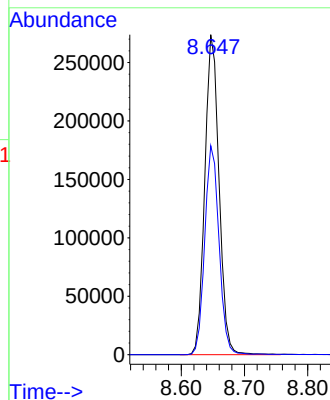
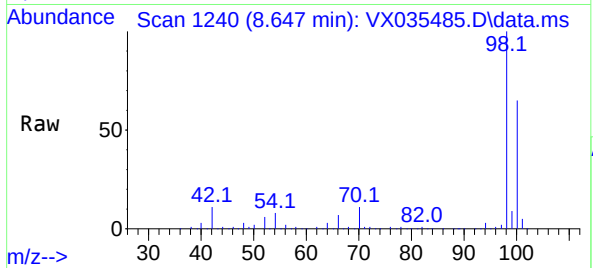




#50
Toluene-d8
Concen: 50.294 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035485.D
Acq: 02 May 2023 17:32

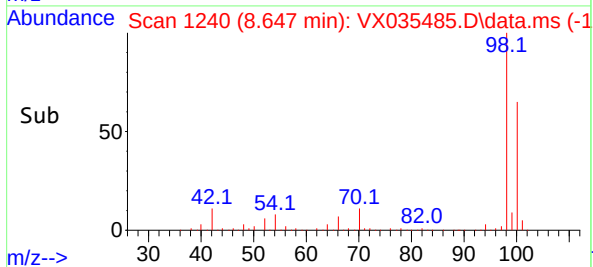
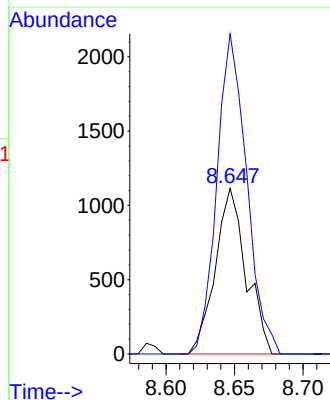
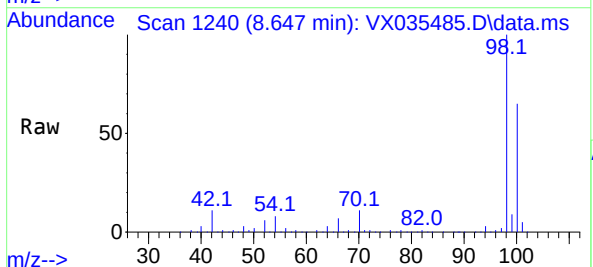
Instrument :
MSVOA_X
ClientSampleId :
LEA-11S

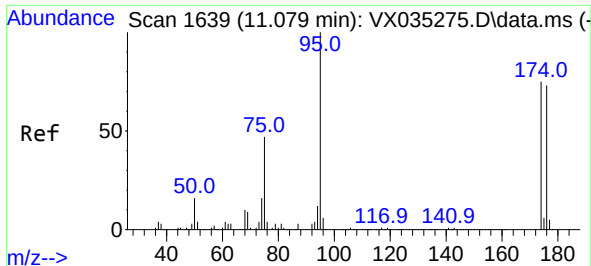
Tgt Ion: 98 Resp: 429054
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035485.D
Acq: 02 May 2023 17:32

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 186.6 30.6 46.0#

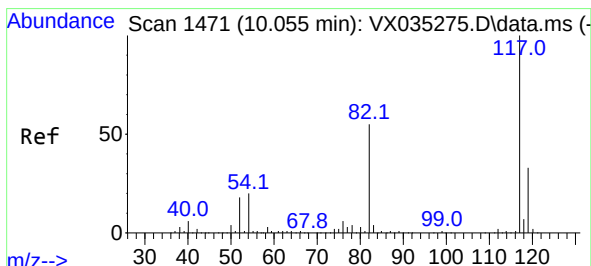
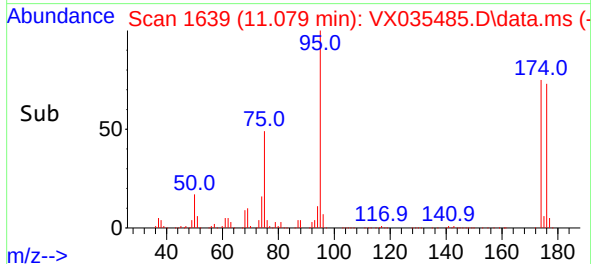
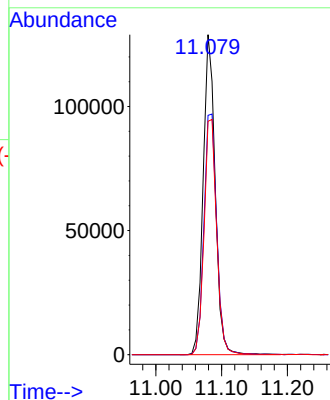
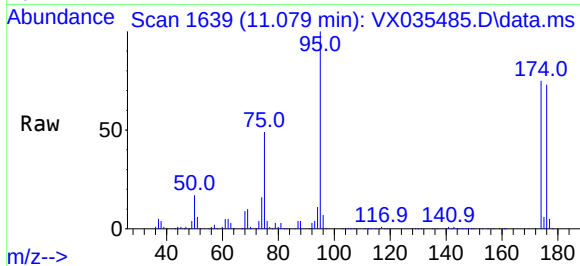




#62
4-Bromofluorobenzene
Concen: 51.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035485.D
Acq: 02 May 2023 17:32

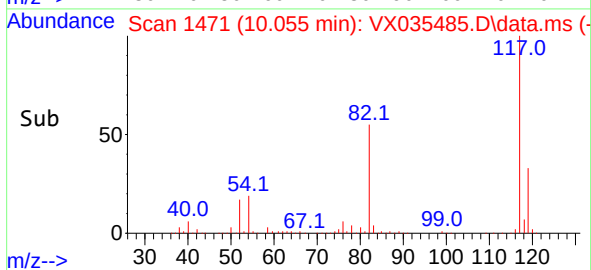
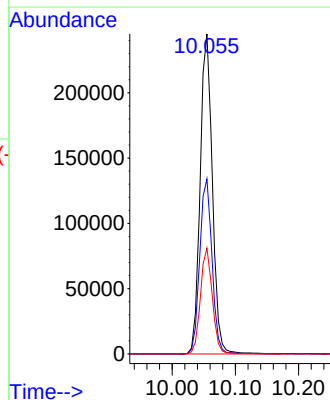
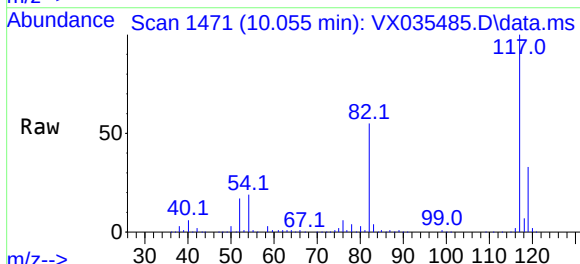
Instrument :
MSVOA_X
ClientSampleId :
LEA-11S

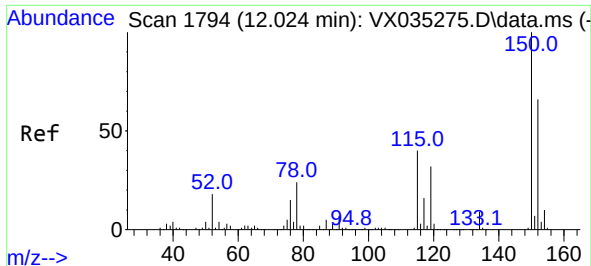
Tgt Ion: 95 Resp: 163967
Ion Ratio Lower Upper
95 100
174 80.1 0.0 147.4
176 77.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035485.D
Acq: 02 May 2023 17:32

Tgt Ion: 117 Resp: 329378
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 33.1 26.0 39.0

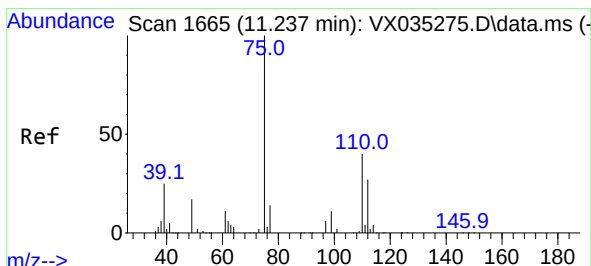
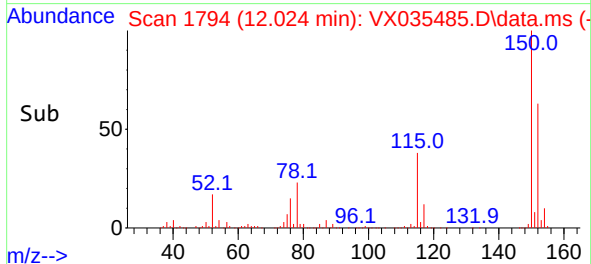
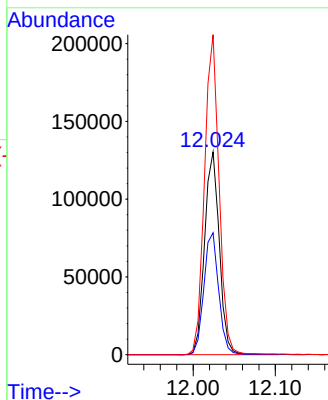
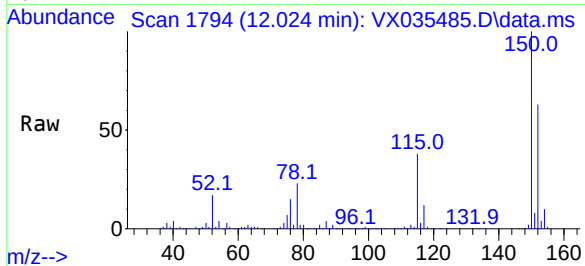




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035485.D
 Acq: 02 May 2023 17:32

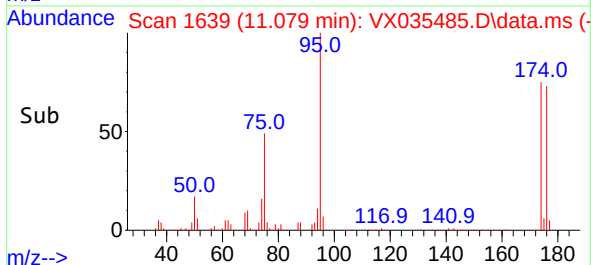
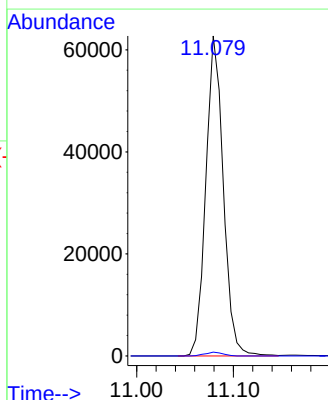
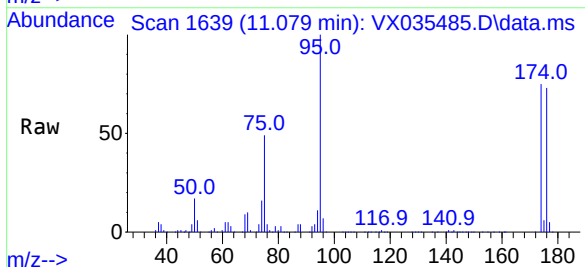
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11S

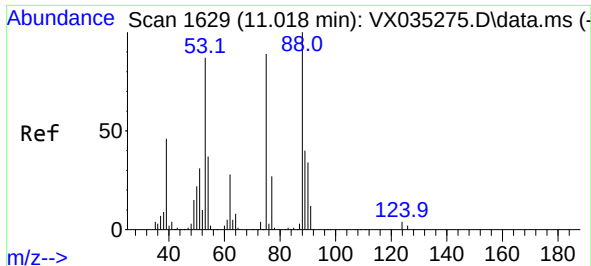
Tgt Ion:152 Resp: 162803
 Ion Ratio Lower Upper
 152 100
 115 60.4 45.0 135.0
 150 156.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 24.302 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035485.D
 Acq: 02 May 2023 17:32

Tgt Ion: 75 Resp: 78921
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.709 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035485.D
Acq: 02 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :
LEA-11S

Tgt Ion: 75 Resp: 78921
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

