

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072523\
 Data File : VX036663.D
 Acq On : 25 Jul 2023 19:12
 Operator : JC/MD
 Sample : 03750-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11I

Quant Time: Jul 26 06:29:23 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)

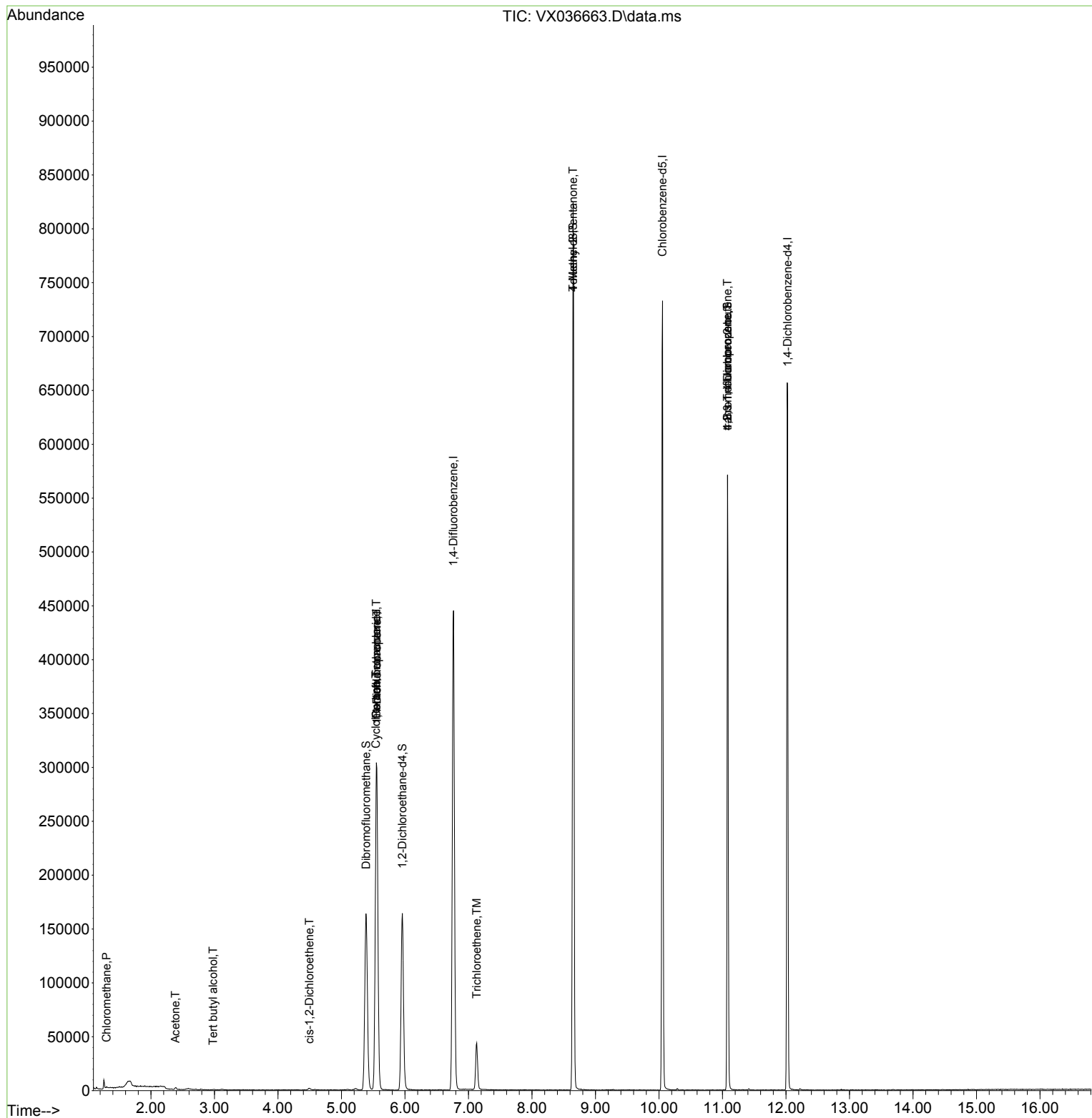
Internal Standards						
1) Pentafluorobenzene	5.550	168	283623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158013	37.652	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	75.300%#		
35) Dibromofluoromethane	5.385	113	143653	45.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.820%		
50) Toluene-d8	8.647	98	489524	44.116	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.240%#		
62) 4-Bromofluorobenzene	11.079	95	150045	35.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	71.680%#		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	869	0.255	ug/l	92
11) Tert butyl alcohol	2.977	59	397	0.400	ug/l #	53
16) Acetone	2.386	43	1946	1.117	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	1027	0.244	ug/l	88
31) Cyclohexane	5.544	56	6425	1.106	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	23387	5.014	ug/l #	51
38) Carbon Tetrachloride	5.550	117	29686	5.987	ug/l #	15
44) Trichloroethene	7.129	130	16764	4.726	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	2353	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77936	24.180	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	77936	54.805	ug/l #	5

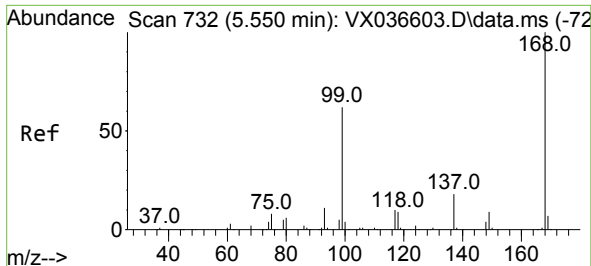
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

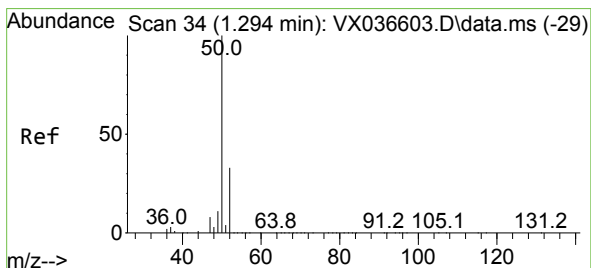
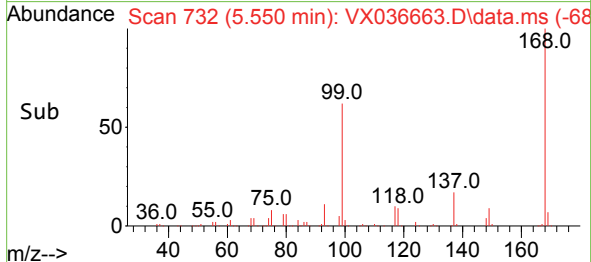
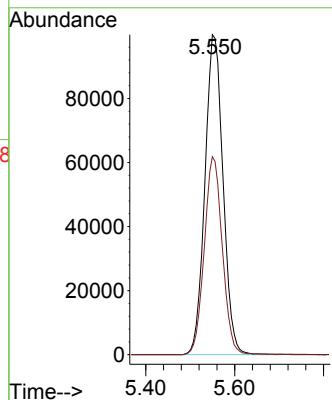
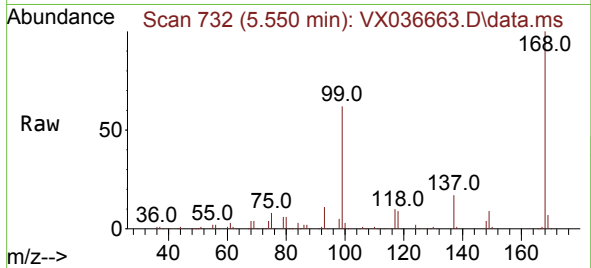




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

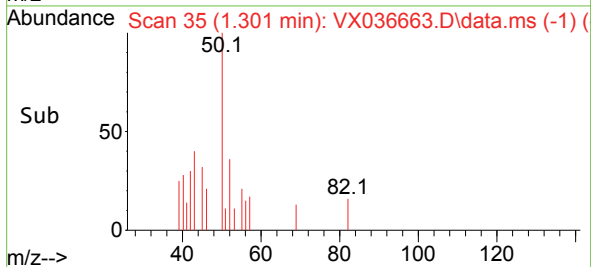
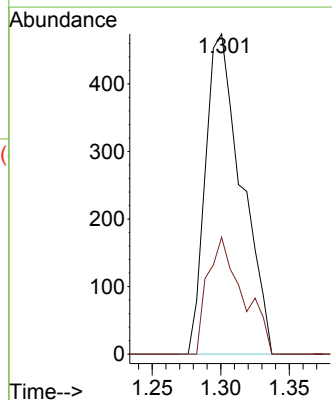
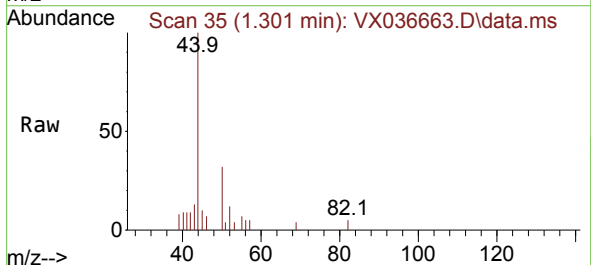
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

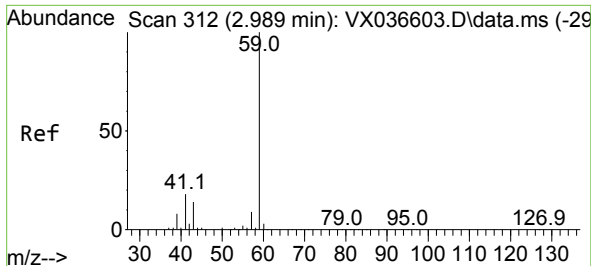
Tgt Ion:168 Resp: 283623
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

Tgt Ion: 50 Resp: 869
Ion Ratio Lower Upper
50 100
52 36.5 25.5 38.3

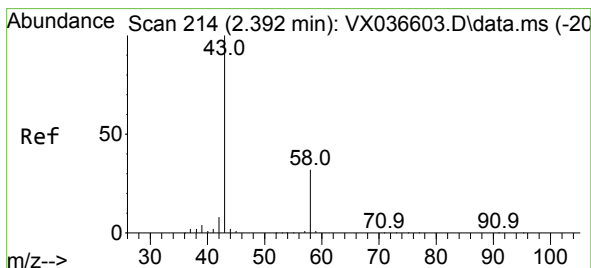
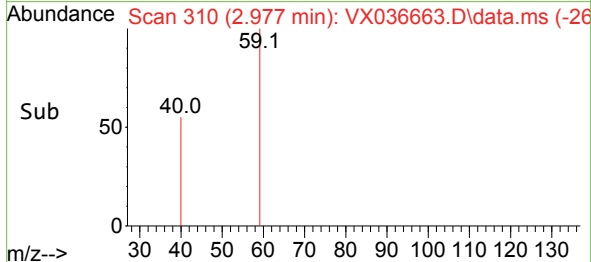
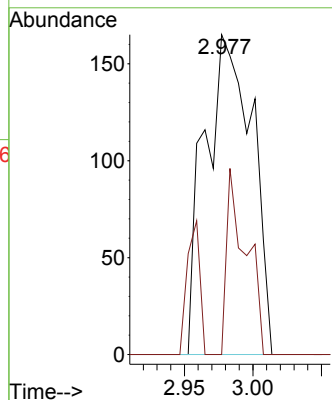
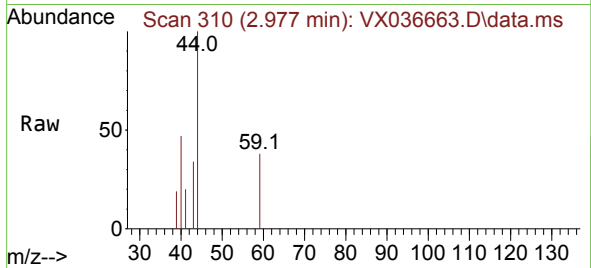




#11
Tert butyl alcohol
Concen: 0.400 ug/l
RT: 2.977 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

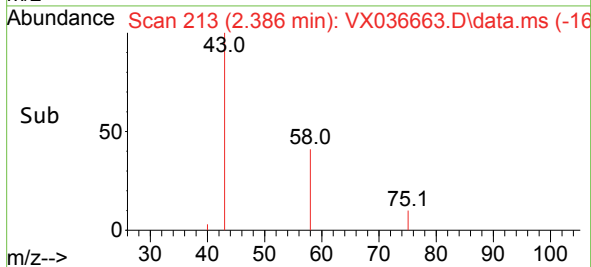
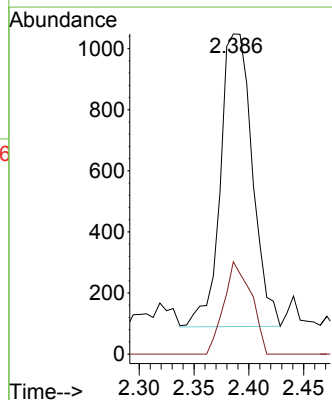
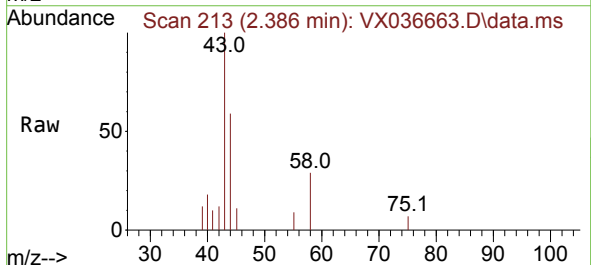
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

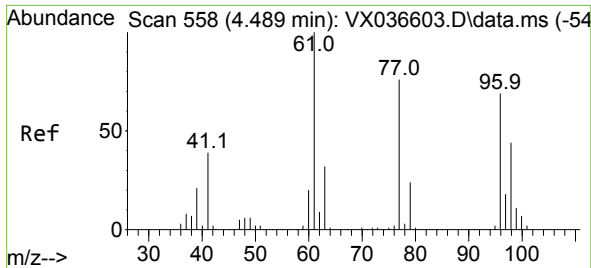
Tgt Ion: 59 Resp: 397
Ion Ratio Lower Upper
59 100
57 23.9 6.0 9.0#



#16
Acetone
Concen: 1.117 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 0.244 ug/l

RT: 4.495 min Scan# 511

Delta R.T. 0.006 min

Lab File: VX036663.D

Acq: 25 Jul 2023 19:12

Instrument :

MSVOA_X

ClientSampleId :

LEA-11I

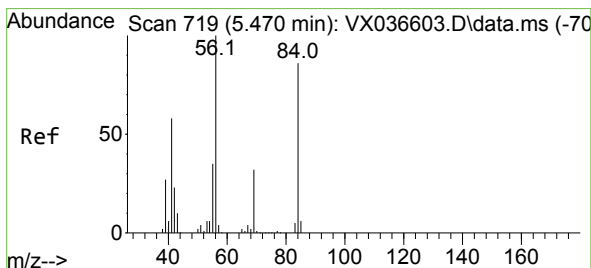
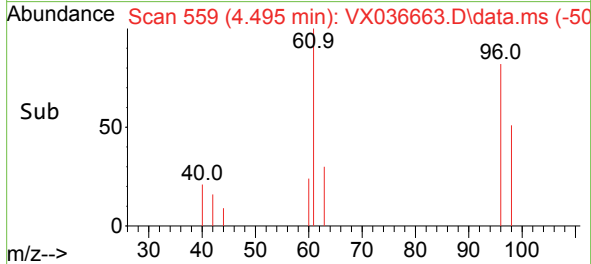
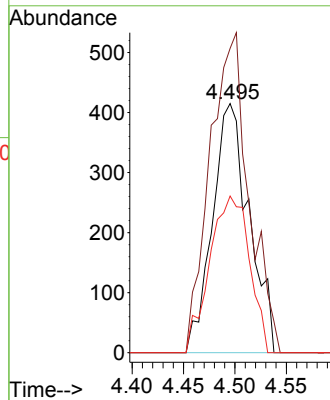
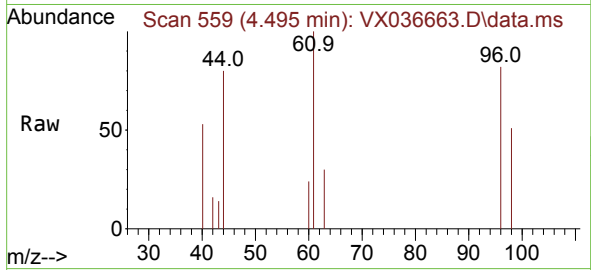
Tgt Ion: 96 Resp: 1027

Ion Ratio Lower Upper

96 100

61 137.1 0.0 312.2

98 68.3 0.0 129.0



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX036663.D

Acq: 25 Jul 2023 19:12

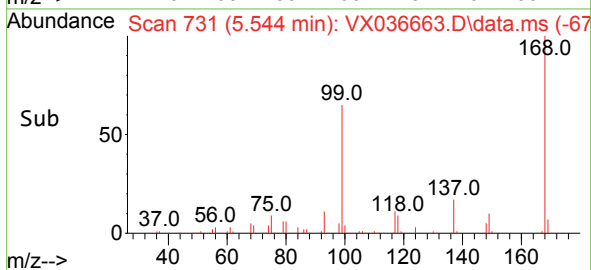
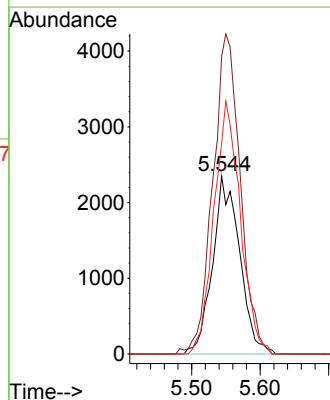
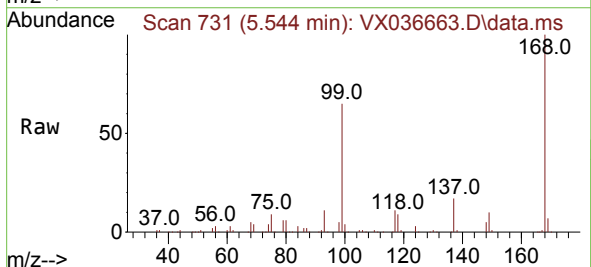
Tgt Ion: 56 Resp: 6425

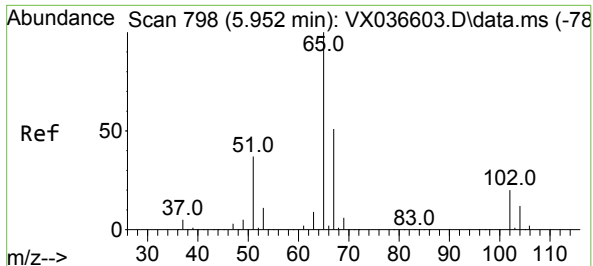
Ion Ratio Lower Upper

56 100

69 167.4 23.4 35.2#

84 118.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 37.652 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036663.D

Acq: 25 Jul 2023 19:12

Instrument :

MSVOA_X

ClientSampleId :

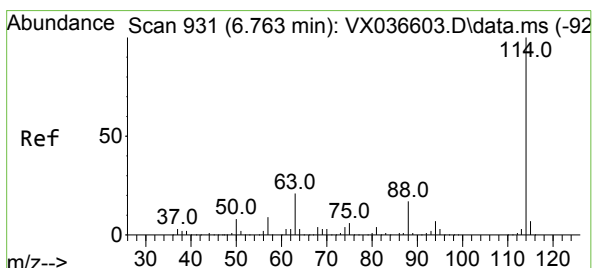
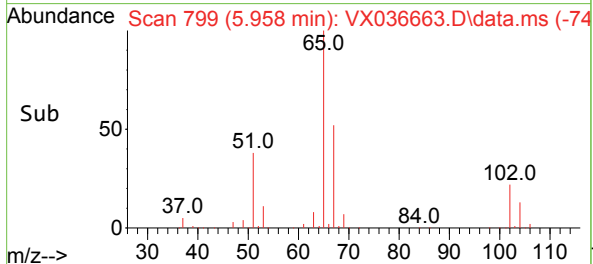
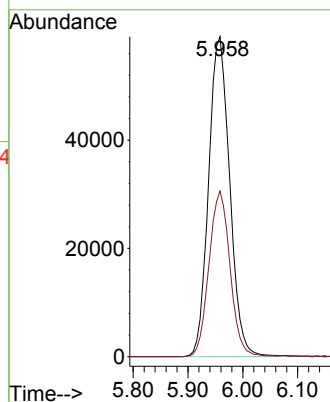
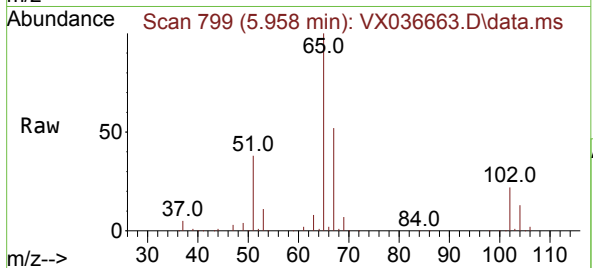
LEA-11I

Tgt Ion: 65 Resp: 158013

Ion Ratio Lower Upper

65 100

67 51.7 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: VX036663.D

Acq: 25 Jul 2023 19:12

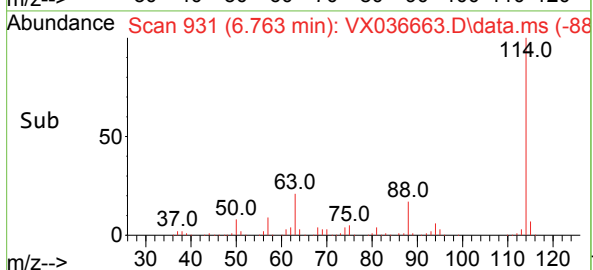
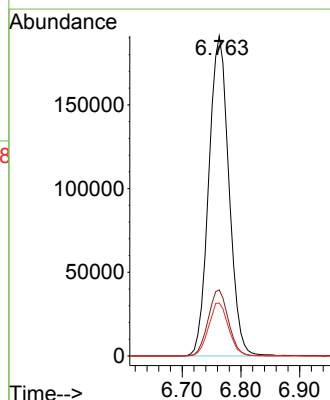
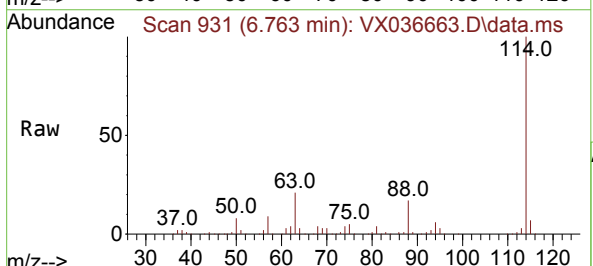
Tgt Ion: 114 Resp: 455241

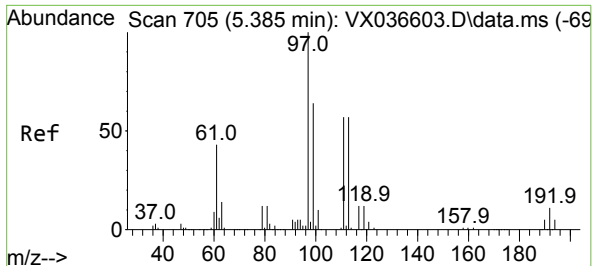
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.6 0.0 36.6

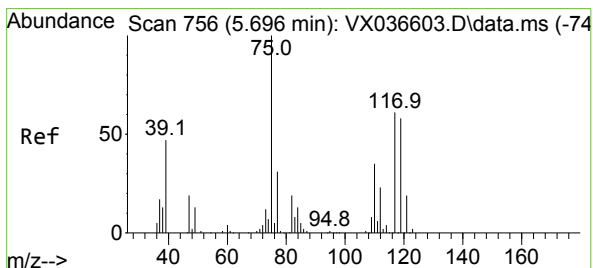
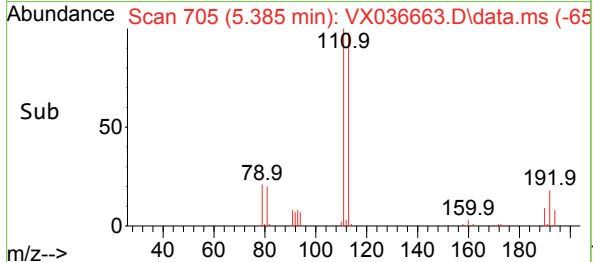
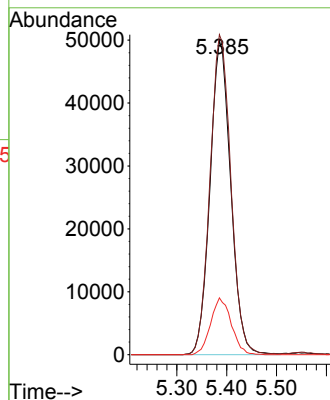
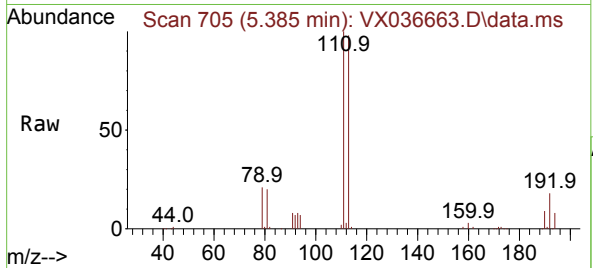




#35
Dibromofluoromethane
Concen: 45.909 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

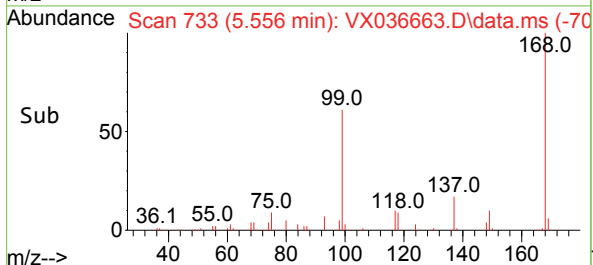
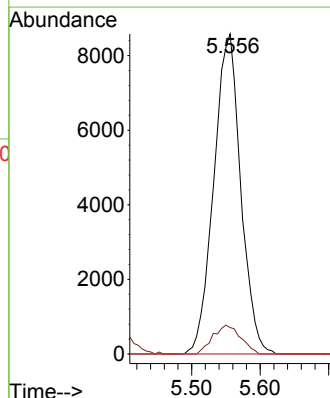
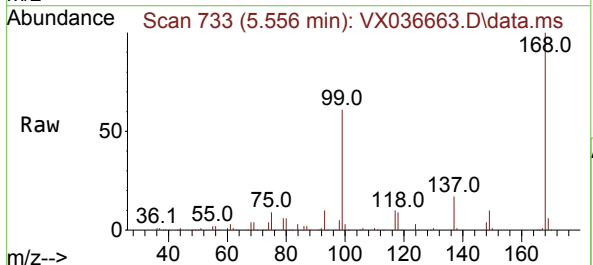
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

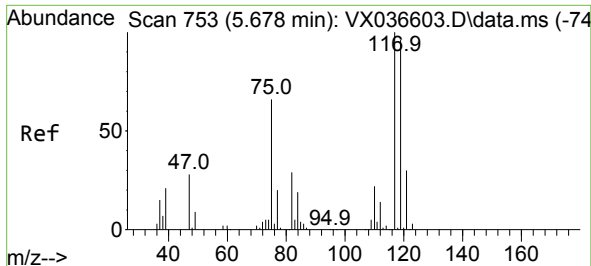
Tgt Ion:113 Resp: 143653
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

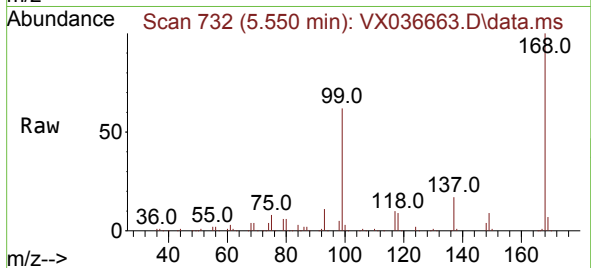
Tgt Ion: 75 Resp: 23387
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



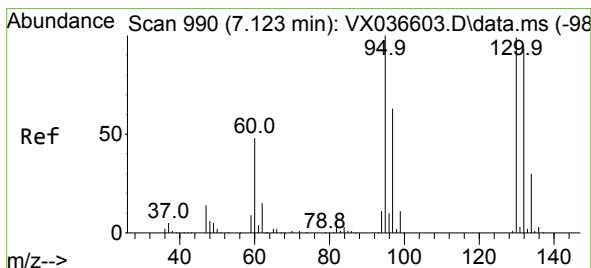
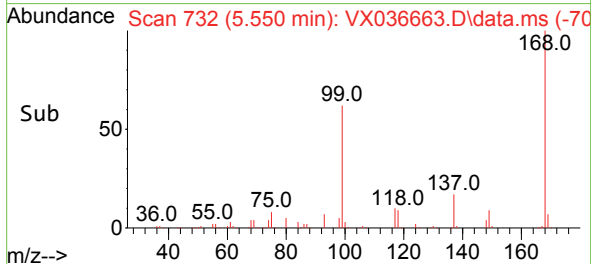
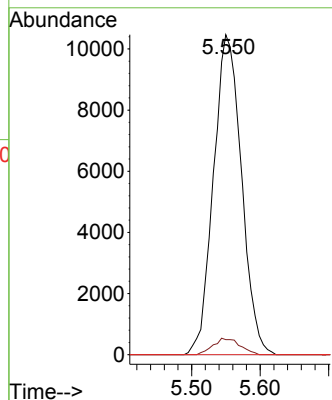


#38
Carbon Tetrachloride
Concen: 5.987 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

Instrument :
MSVOA_X
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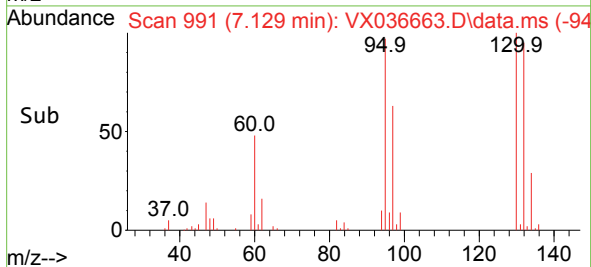
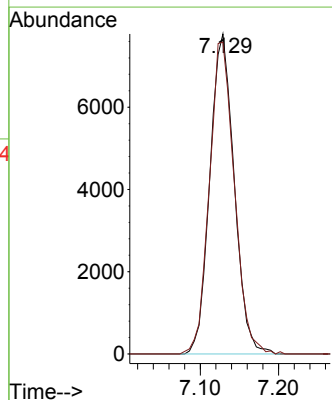
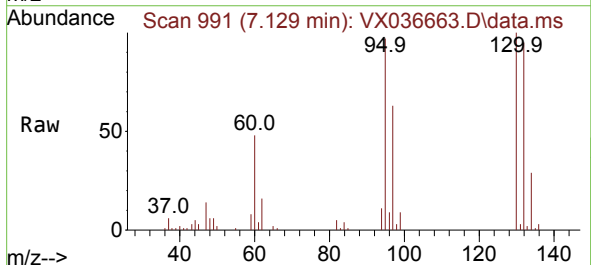


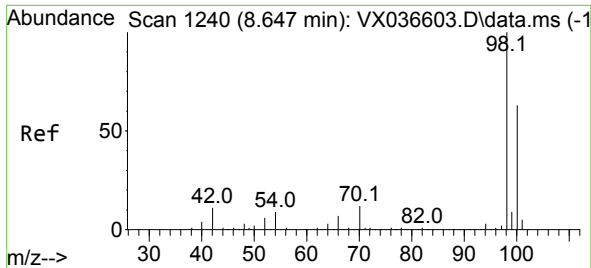
Tgt Ion:117 Resp: 29686
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 4.726 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

Tgt Ion:130 Resp: 16764
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.4

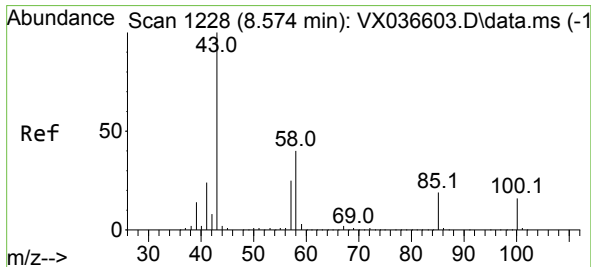
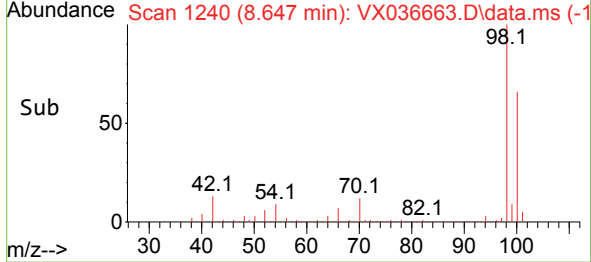
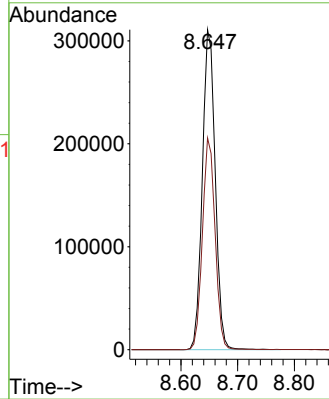
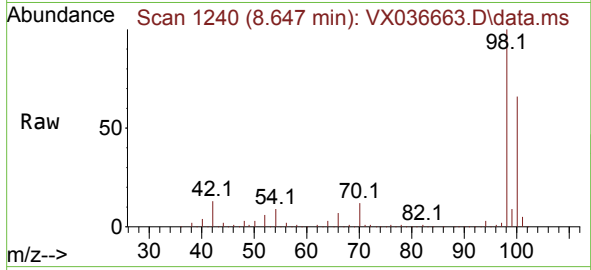




#50
Toluene-d8
Concen: 44.116 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

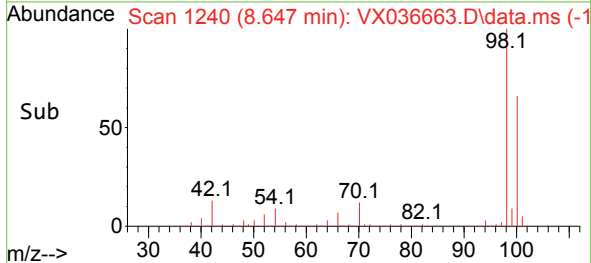
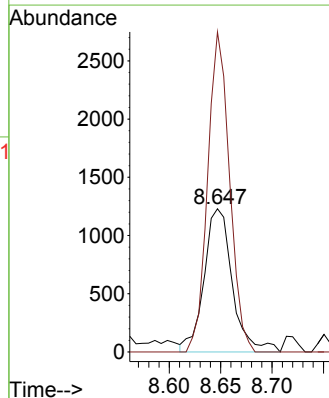
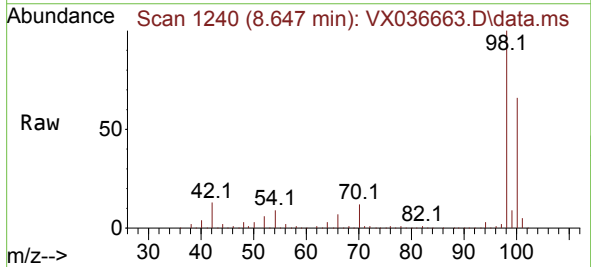
Instrument :
MSVOA_X
ClientSampleId :
LEA-111

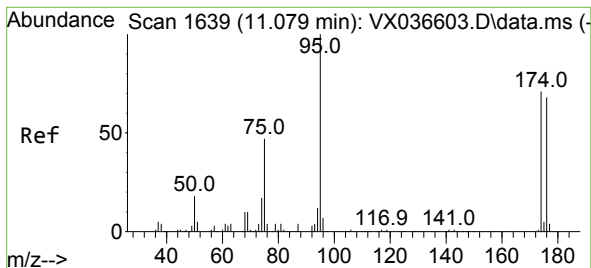
Tgt Ion: 98 Resp: 489524
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
58 173.1 30.4 45.6#

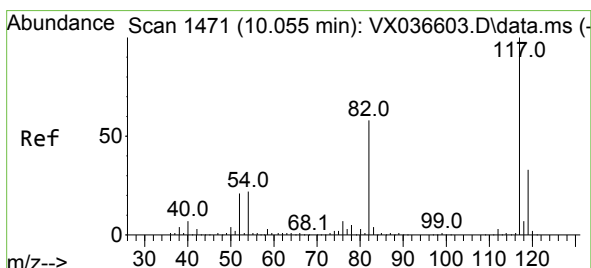
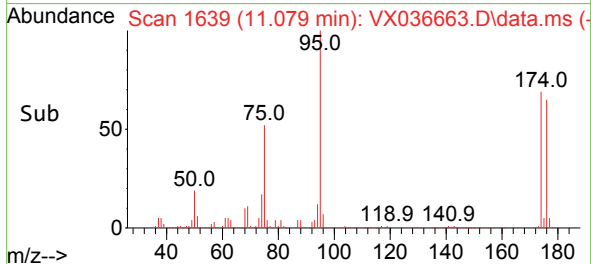
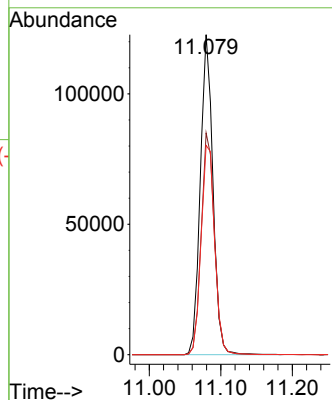
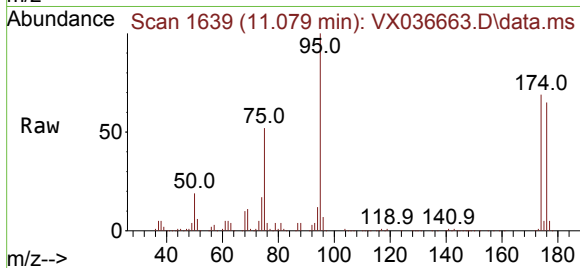




#62
4-Bromofluorobenzene
Concen: 35.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

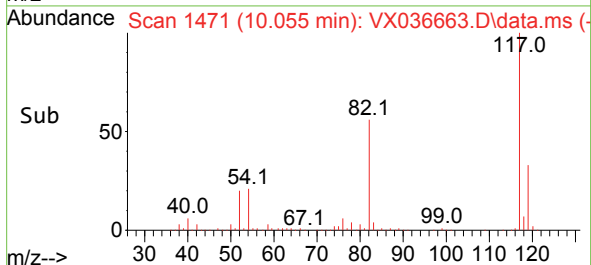
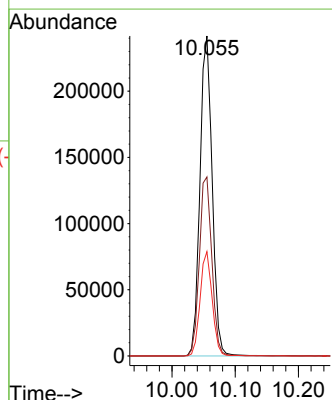
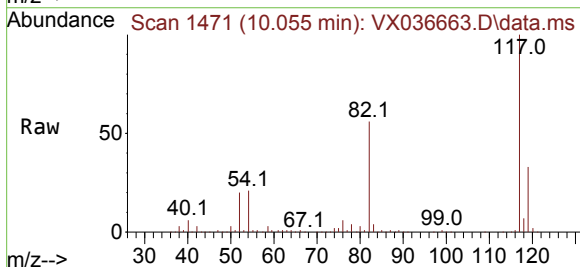
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

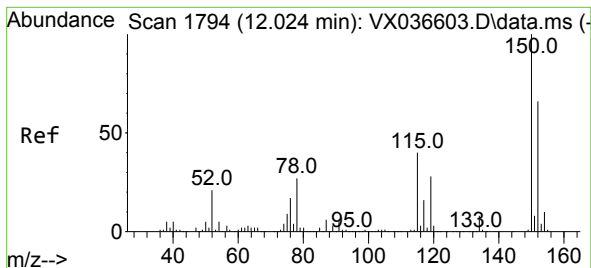
Tgt Ion: 95 Resp: 150045
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036663.D
Acq: 25 Jul 2023 19:12

Tgt Ion: 117 Resp: 325467
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036663.D

Acq: 25 Jul 2023 19:12

Instrument :

MSVOA_X

ClientSampleId :

LEA-11I

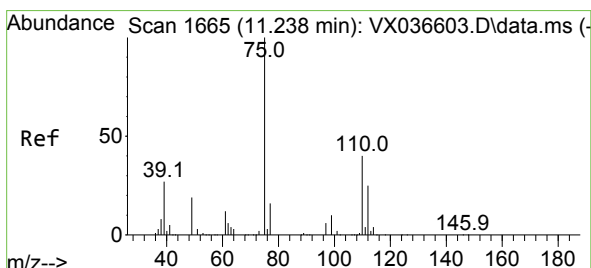
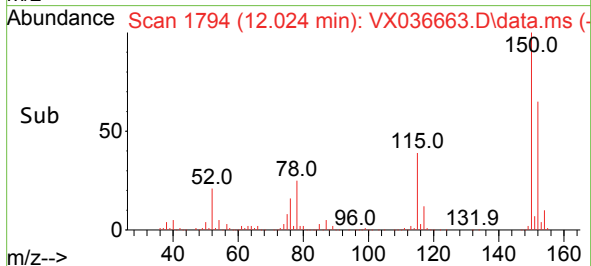
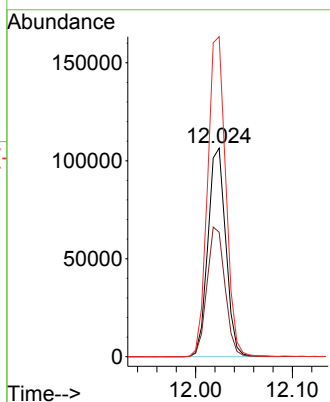
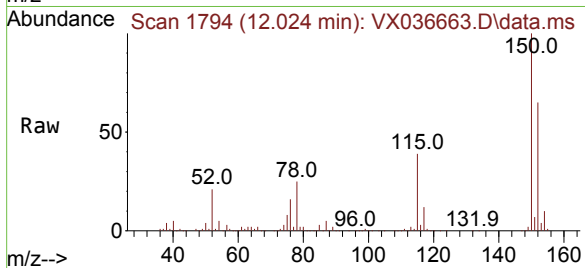
Tgt Ion:152 Resp: 137034

Ion Ratio Lower Upper

152 100

115 62.9 43.3 129.9

150 155.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.180 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036663.D

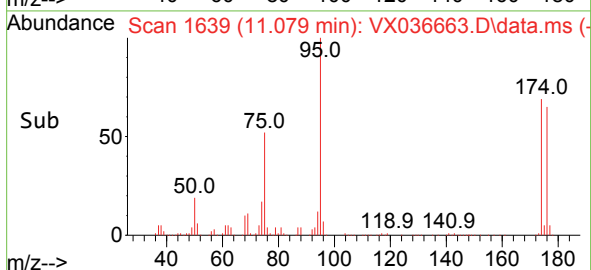
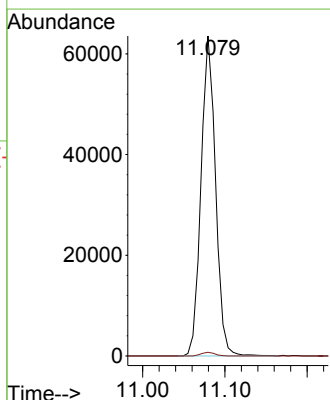
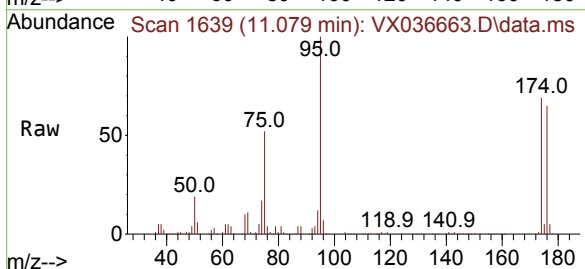
Acq: 25 Jul 2023 19:12

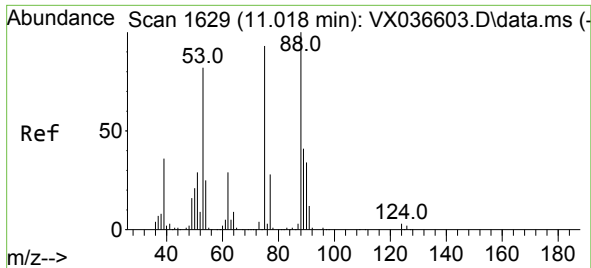
Tgt Ion: 75 Resp: 77936

Ion Ratio Lower Upper

75 100

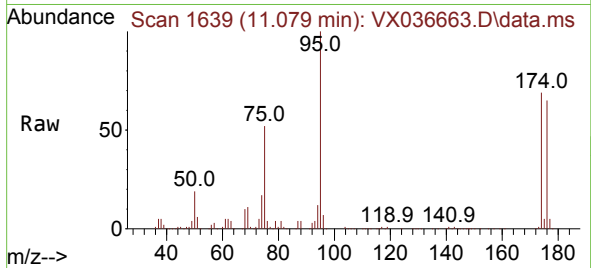
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.805 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036663.D
 Acq: 25 Jul 2023 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11I



Tgt Ion: 75 Resp: 77936
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

