

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035339.D
 Acq On : 27 Apr 2023 14:25
 Operator : JC/MD
 Sample : 02494-02 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7I

Quant Time: Apr 28 05:05:37 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)

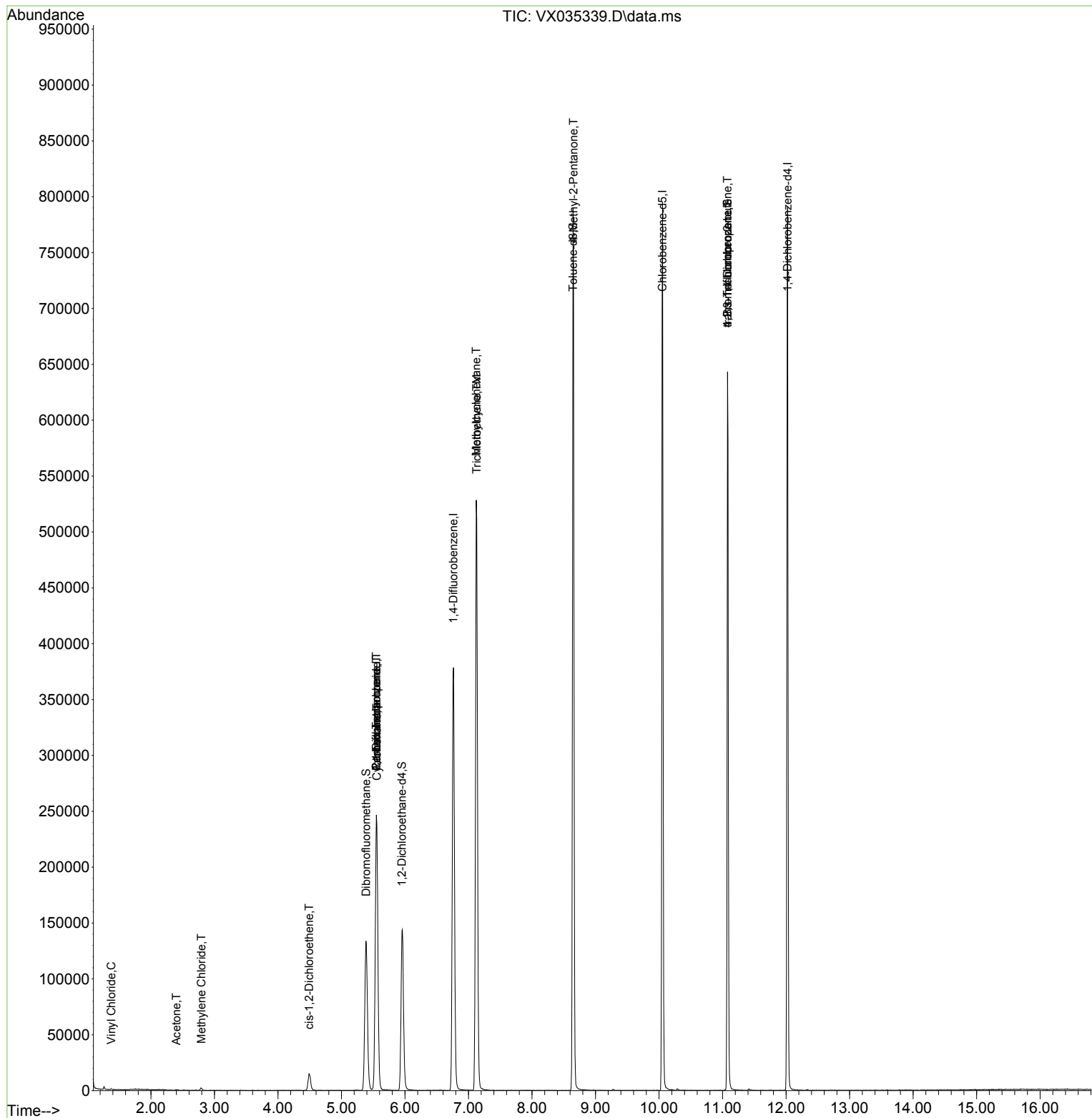
Internal Standards						
1) Pentafluorobenzene	5.550	168	243204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	401954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143195	48.804	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.600%
35) Dibromofluoromethane	5.385	113	119840	48.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	8.647	98	471132	50.623	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.240%
62) 4-Bromofluorobenzene	11.079	95	177927	50.822	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.640%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	489	0.208	ug/l	93
16) Acetone	2.398	43	407	0.319	ug/l #	44
20) Methylene Chloride	2.794	84	1020	0.349	ug/l #	79
27) cis-1,2-Dichloroethene	4.489	96	10199	3.382	ug/l	86
31) Cyclohexane	5.556	56	4398	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18296	4.749	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23123	6.323	ug/l #	16
39) Methylcyclohexane	7.123	83	2439	0.520	ug/l #	1
44) Trichloroethene	7.129	130	215970	70.944	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	1986	0.547	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88029	25.452	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88029	82.435	ug/l #	8

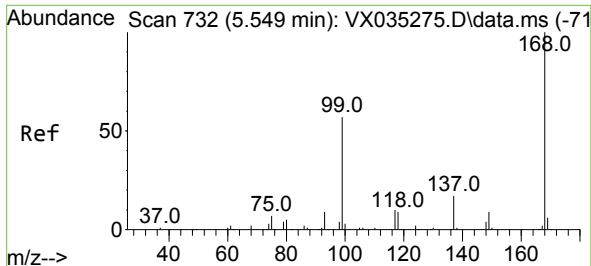
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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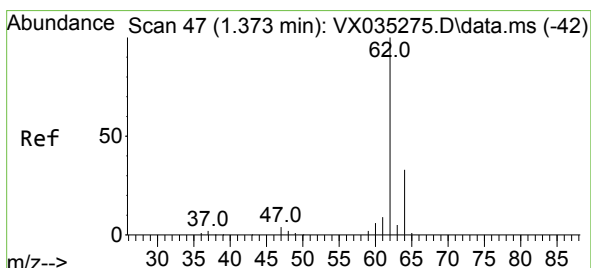
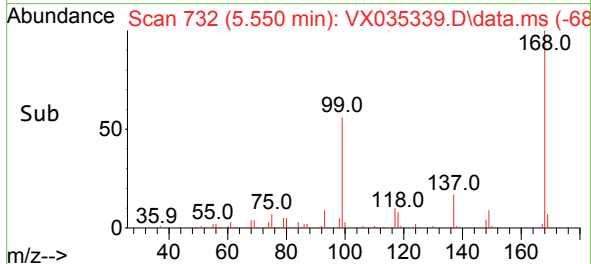
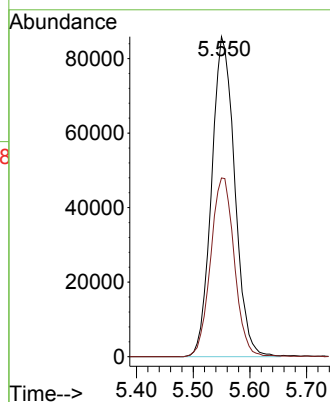
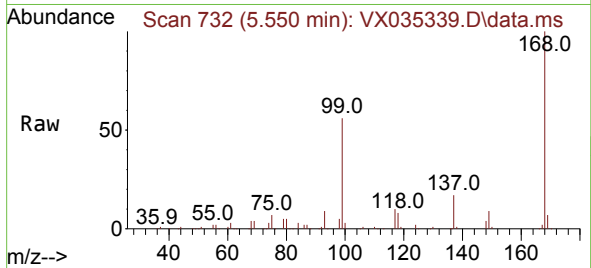




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

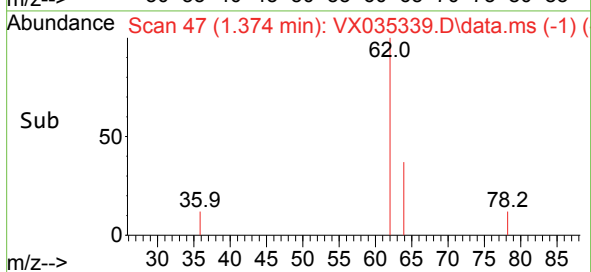
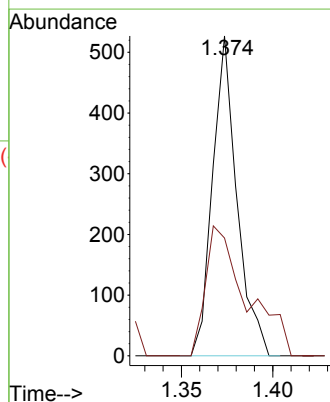
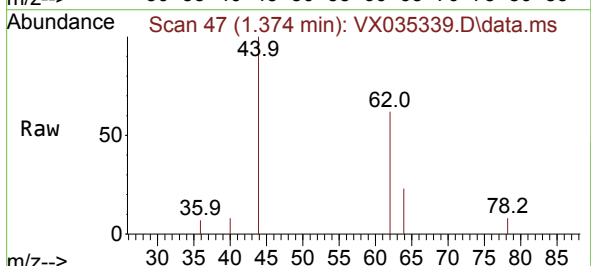
Instrument :
MSVOA_X
ClientSampleId :
LEA-7I

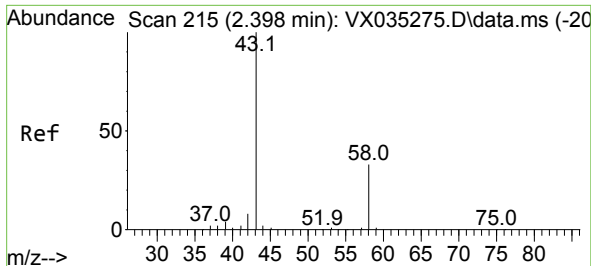
Tgt Ion:168 Resp: 243204
Ion Ratio Lower Upper
168 100
99 55.8 45.7 68.5



#4
Vinyl Chloride
Concen: 0.208 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

Tgt Ion: 62 Resp: 489
Ion Ratio Lower Upper
62 100
64 36.8 26.4 39.6

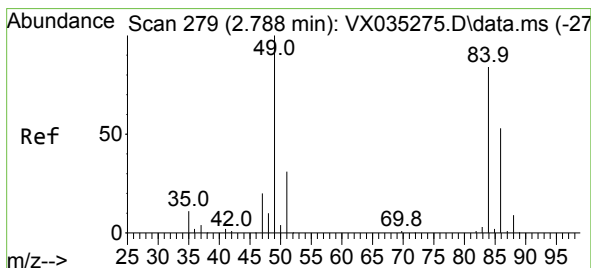
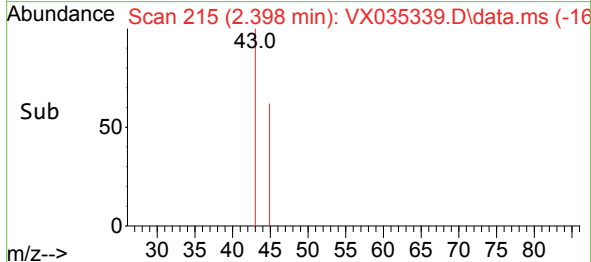
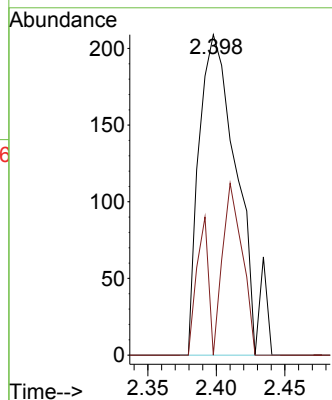
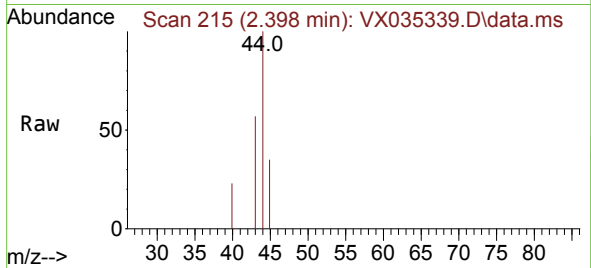




#16
Acetone
Concen: 0.319 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

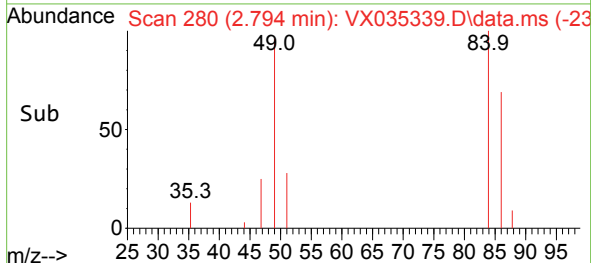
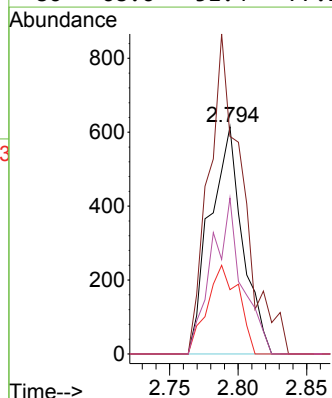
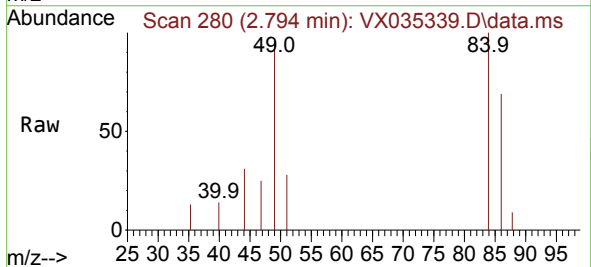
Instrument :
MSVOA_X
ClientSampleId :
LEA-71

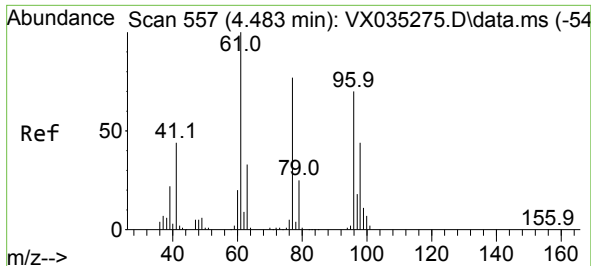
Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#



#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

Tgt Ion: 84 Resp: 1020
Ion Ratio Lower Upper
84 100
49 95.8 103.8 155.8#
51 28.3 31.8 47.8#
86 68.6 51.4 77.2





#27

cis-1,2-Dichloroethene

Concen: 3.382 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035339.D

Acq: 27 Apr 2023 14:25

Instrument :

MSVOA_X

ClientSampleId :

LEA-7I

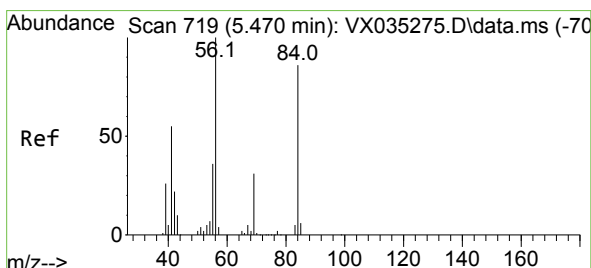
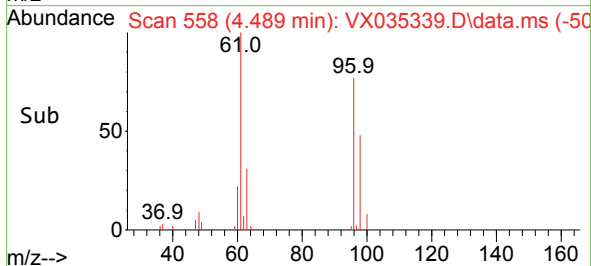
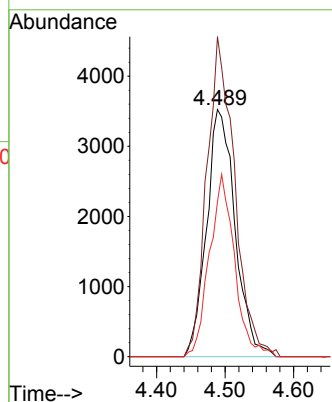
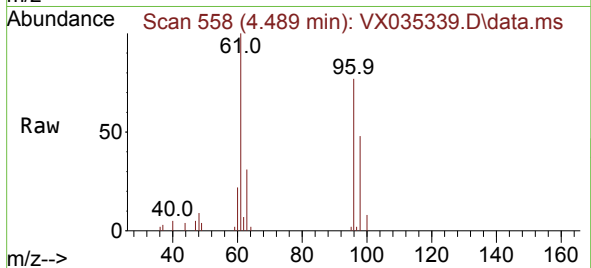
Tgt Ion: 96 Resp: 10199

Ion Ratio Lower Upper

96 100

61 125.7 0.0 300.4

98 65.0 0.0 129.0



#31

Cyclohexane

Concen: 1.057 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX035339.D

Acq: 27 Apr 2023 14:25

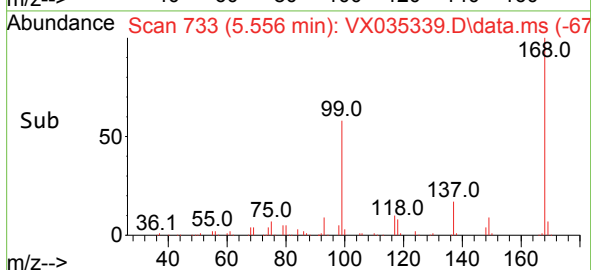
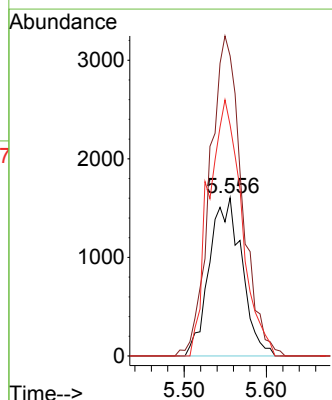
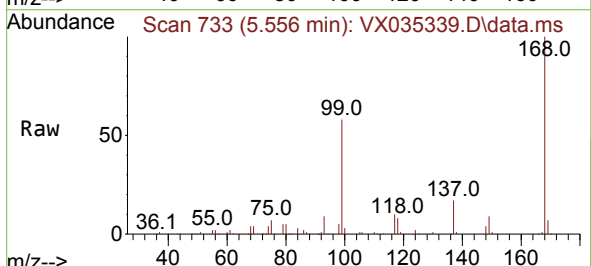
Tgt Ion: 56 Resp: 4398

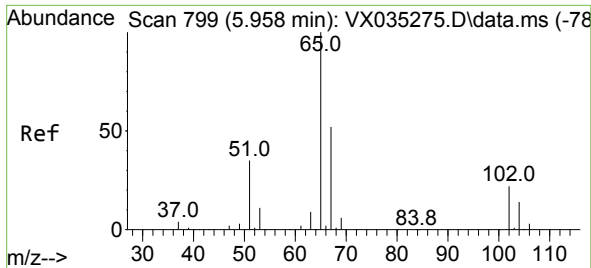
Ion Ratio Lower Upper

56 100

69 186.4 23.7 35.5#

84 145.9 68.5 102.7#

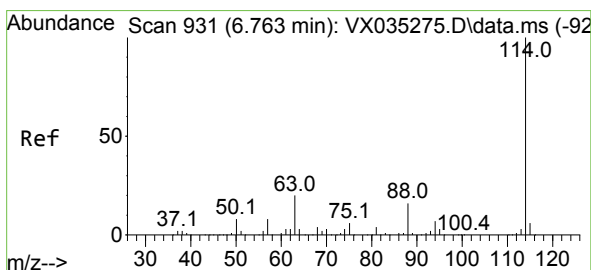
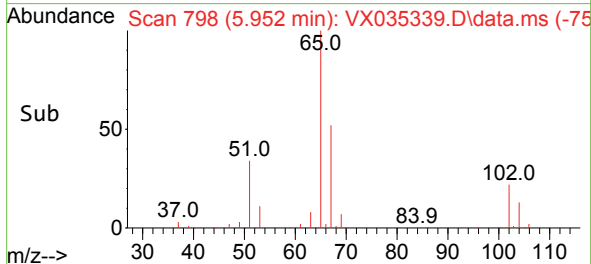
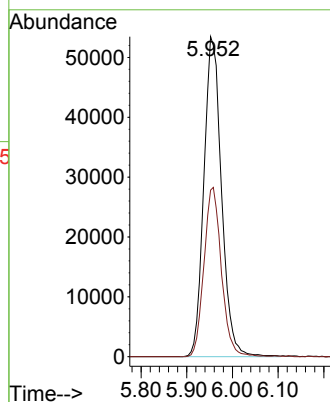
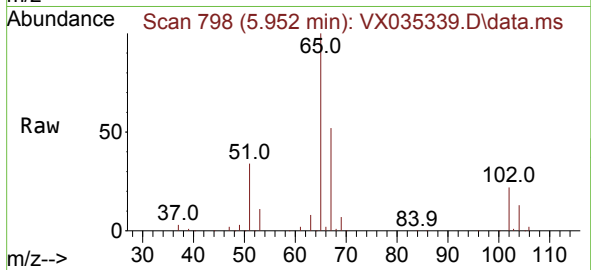




#33
1,2-Dichloroethane-d4
Concen: 48.804 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

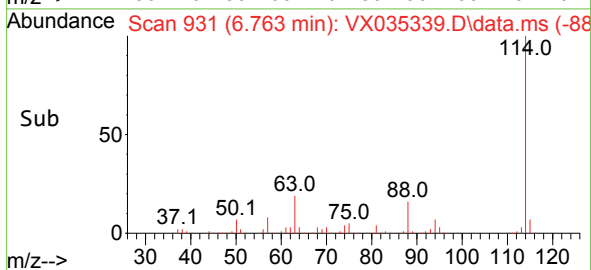
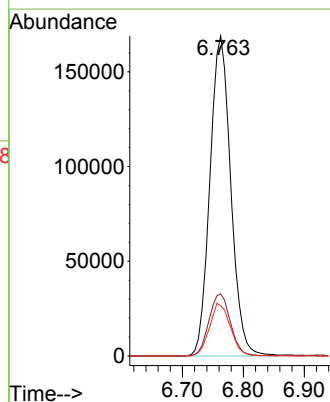
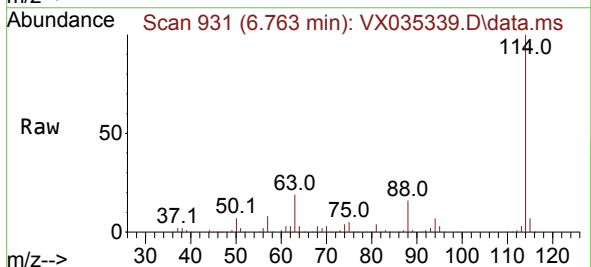
Instrument :
MSVOA_X
ClientSampleId :
LEA-71

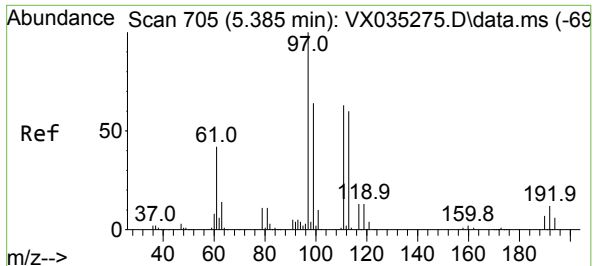
Tgt Ion: 65 Resp: 143195
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

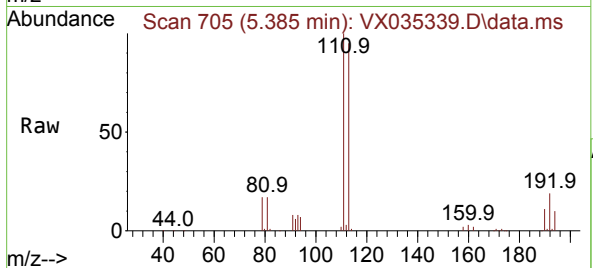
Tgt Ion: 114 Resp: 401954
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.2
88 15.6 0.0 33.2



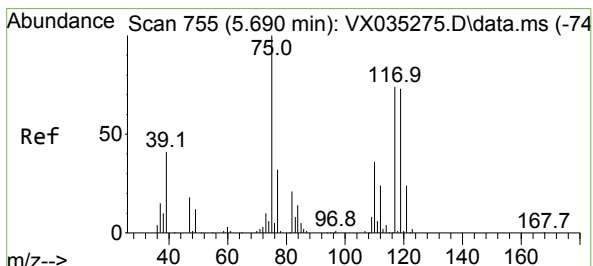
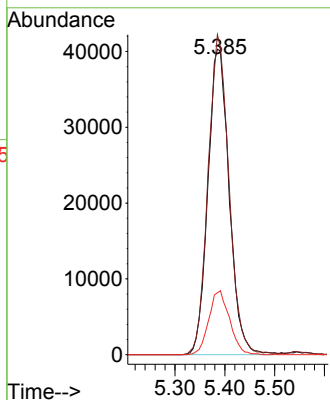
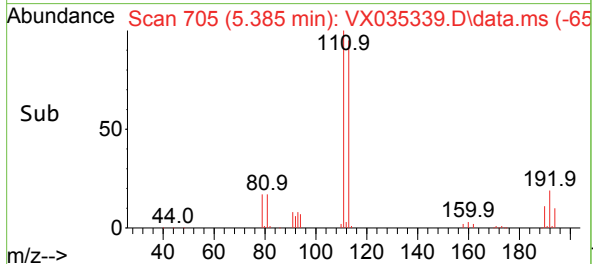


#35
Dibromofluoromethane
Concen: 48.576 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

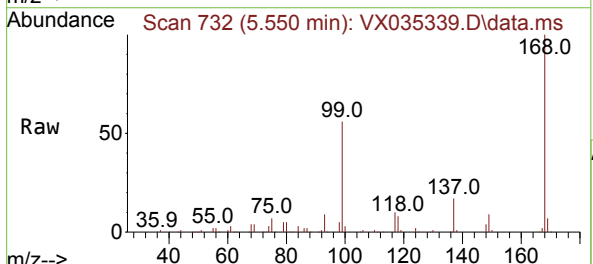
Instrument :
MSVOA_X
ClientSampleId :
LEA-7I



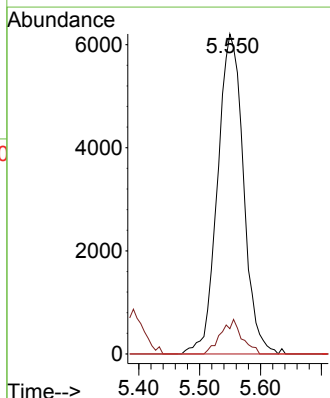
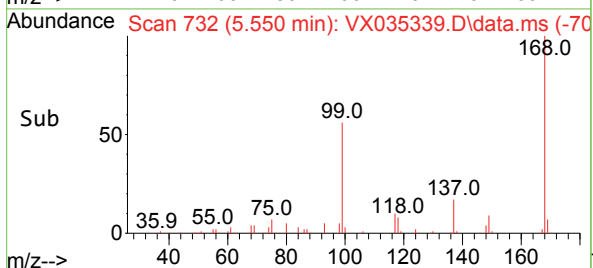
Tgt Ion:113 Resp: 119840
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 20.4 15.4 23.2

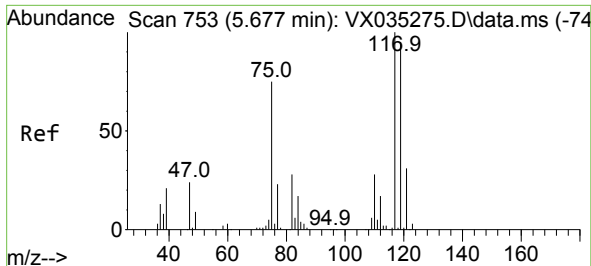


#36
1,1-Dichloropropene
Concen: 4.749 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25



Tgt Ion: 75 Resp: 18296
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#

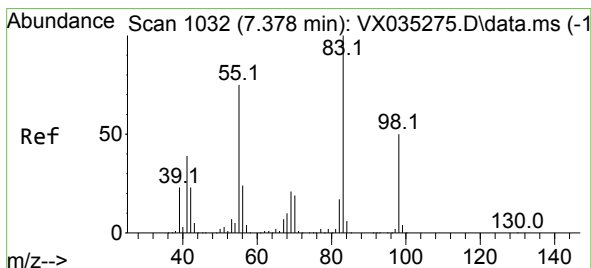
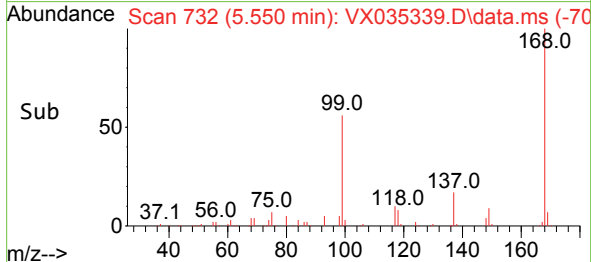
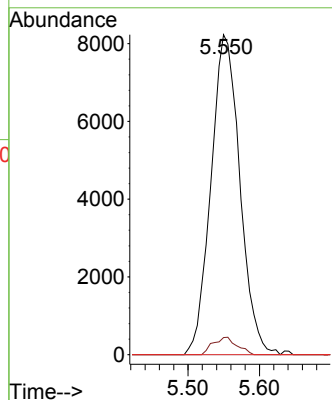
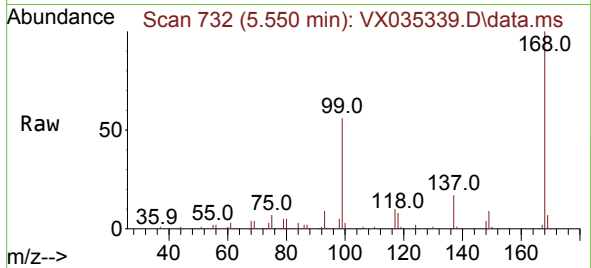




#38
Carbon Tetrachloride
Concen: 6.323 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

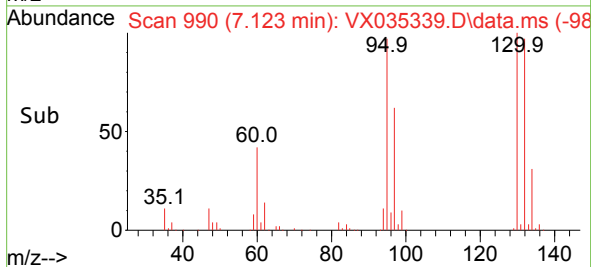
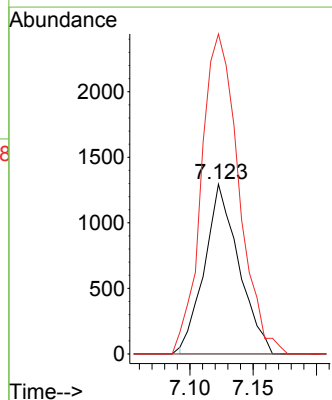
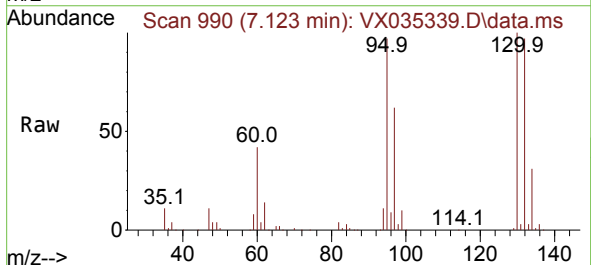
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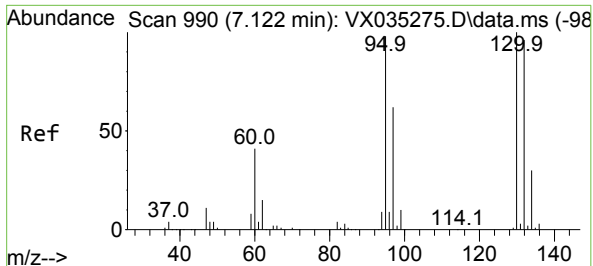
Tgt Ion:117 Resp: 23123
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.520 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.255 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

Tgt Ion: 83 Resp: 2439
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 184.2 40.4 60.6#

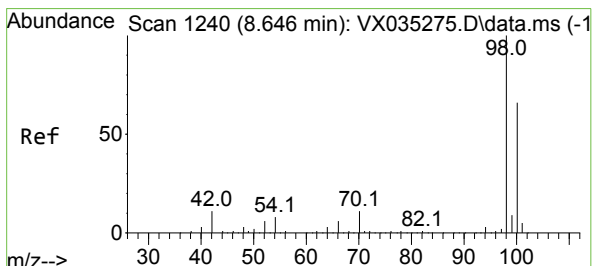
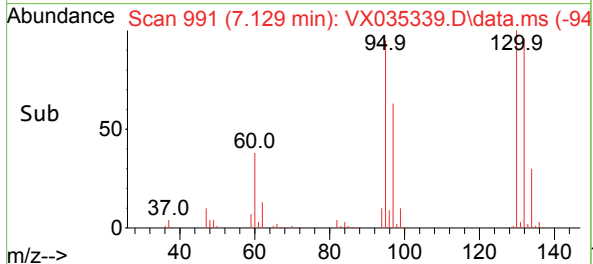
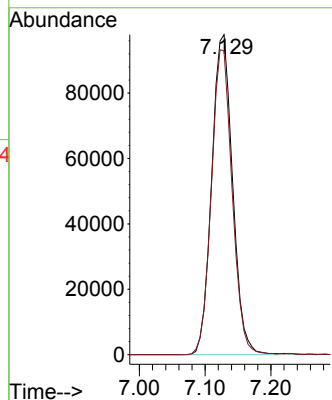
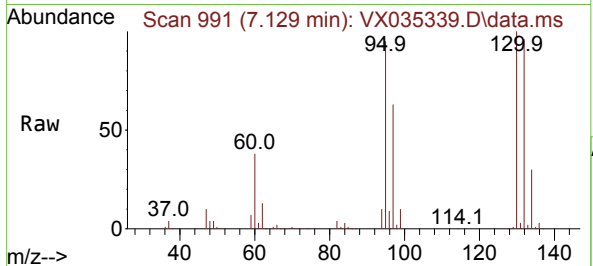




#44
Trichloroethene
Concen: 70.944 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

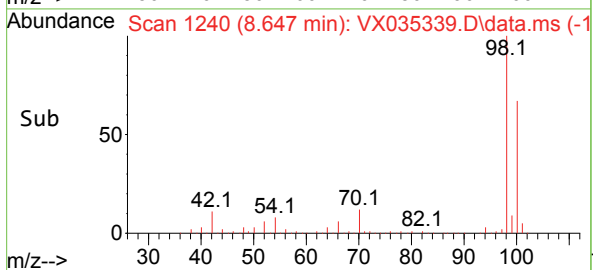
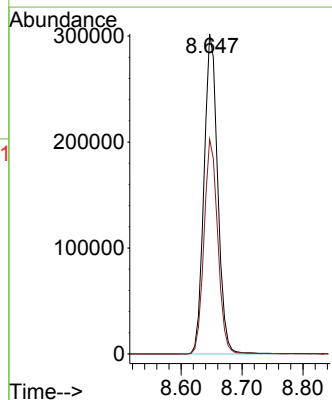
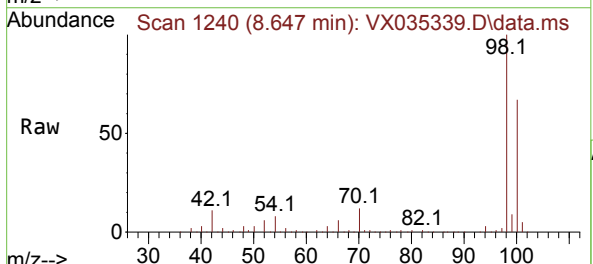
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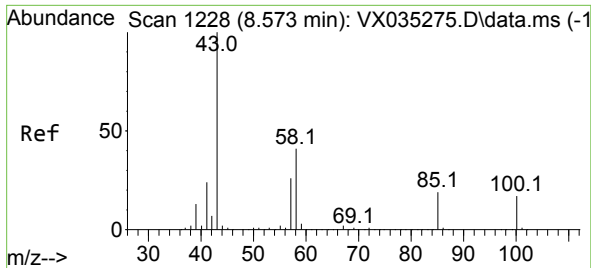
Tgt Ion:130 Resp: 215970
Ion Ratio Lower Upper
130 100
95 95.0 0.0 198.4



#50
Toluene-d8
Concen: 50.623 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

Tgt Ion: 98 Resp: 471132
Ion Ratio Lower Upper
98 100
100 67.4 52.5 78.7

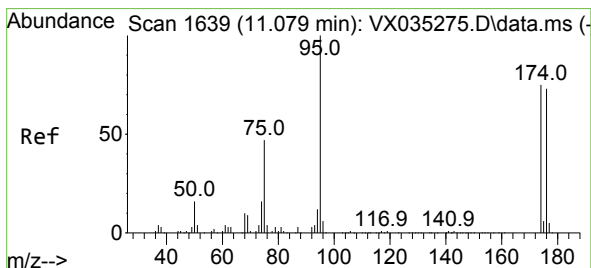
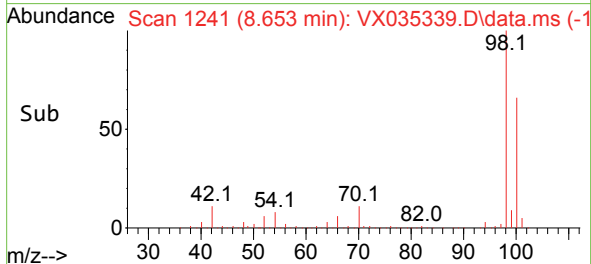
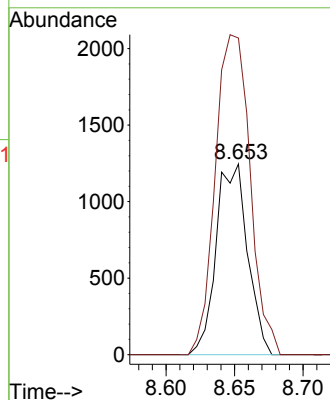
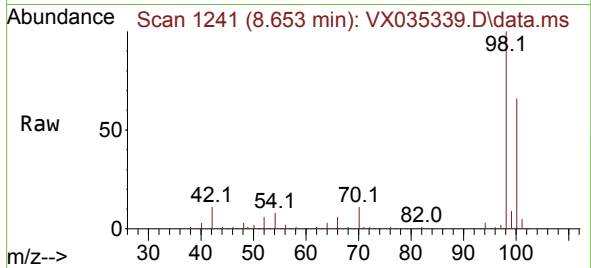




#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

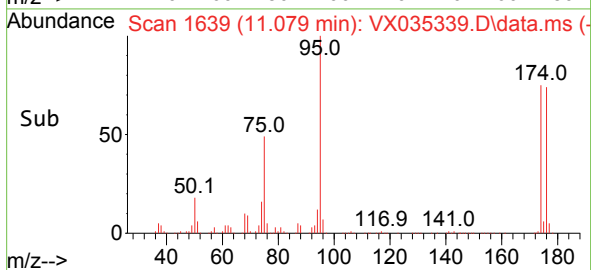
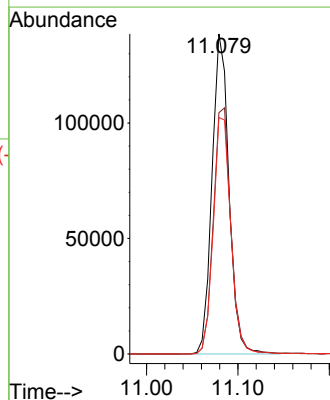
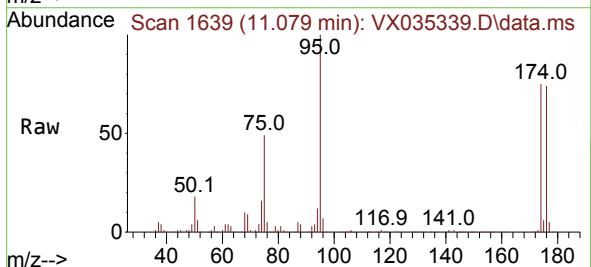
Instrument :
MSVOA_X
ClientSampleId :
LEA-7I

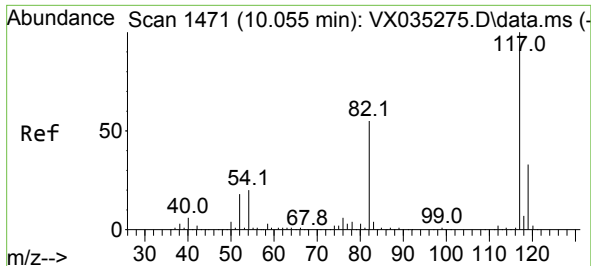
Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
58 186.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 50.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

Tgt Ion: 95 Resp: 177927
Ion Ratio Lower Upper
95 100
174 80.0 0.0 147.4
176 76.8 0.0 140.6

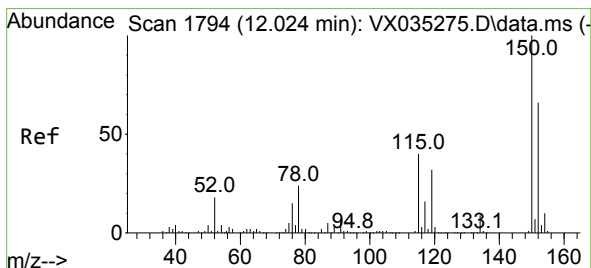
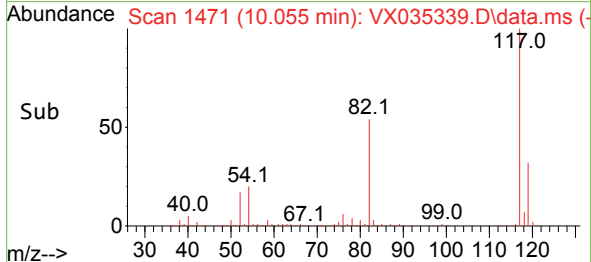
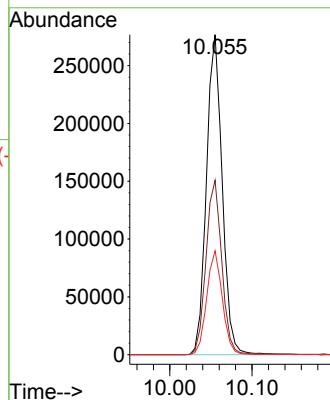
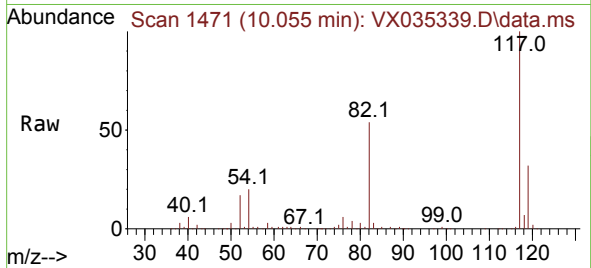




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

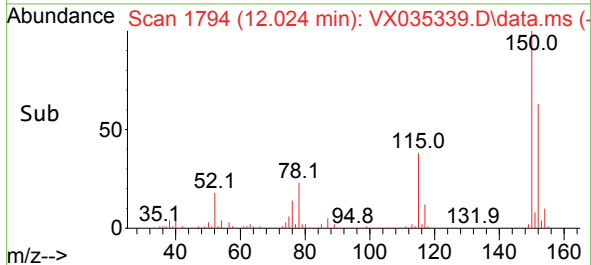
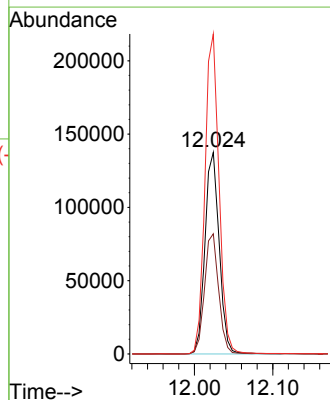
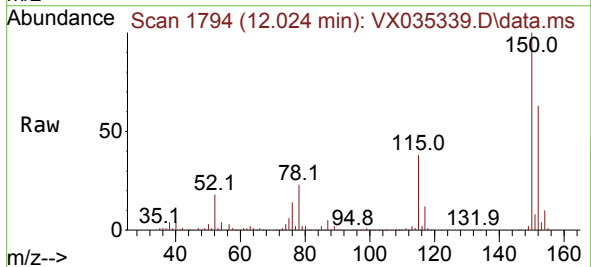
Instrument :
MSVOA_X
ClientSampleId :
LEA-7I

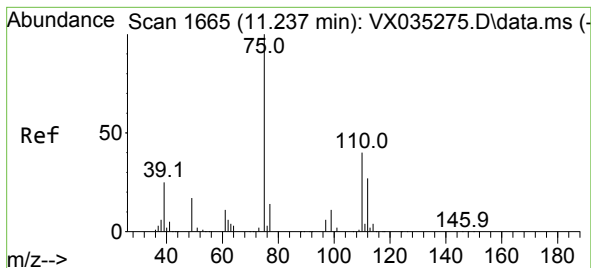
Tgt Ion:117 Resp: 368850
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035339.D
Acq: 27 Apr 2023 14:25

Tgt Ion:152 Resp: 173383
Ion Ratio Lower Upper
152 100
115 59.4 45.0 135.0
150 156.7 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.452 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035339.D

Acq: 27 Apr 2023 14:25

Instrument :

MSVOA_X

ClientSampleId :

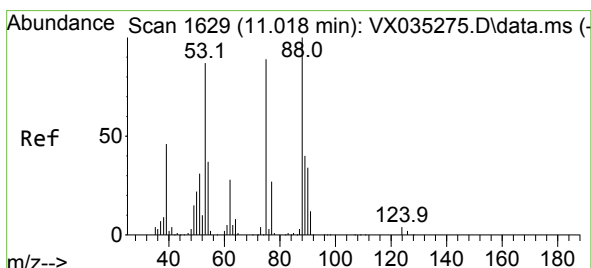
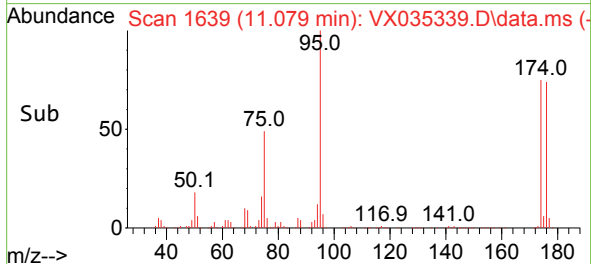
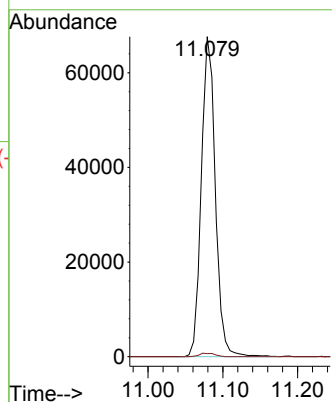
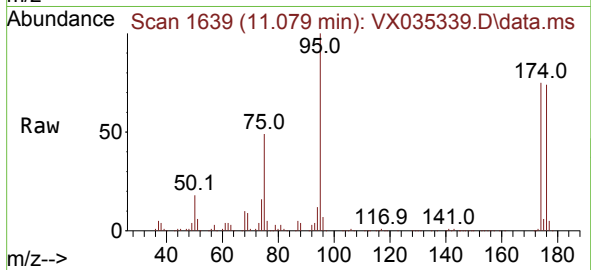
LEA-7I

Tgt Ion: 75 Resp: 88029

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.435 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035339.D

Acq: 27 Apr 2023 14:25

Tgt Ion: 75 Resp: 88029

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

