

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033914.D
 Acq On : 26 Jan 2023 17:05
 Operator : JC/MD
 Sample : 01323-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-5D

Quant Time: Jan 27 02:57:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

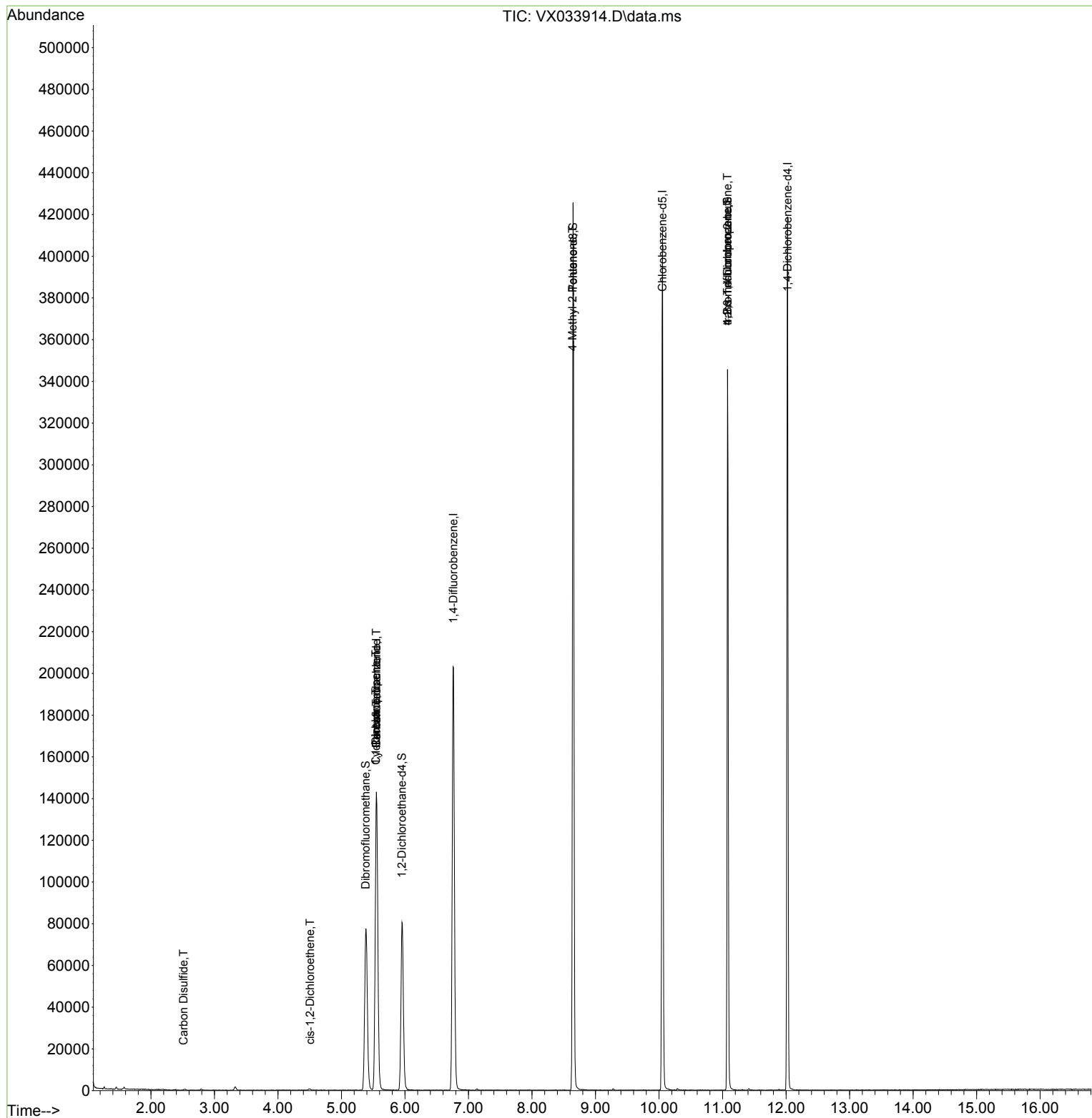
Internal Standards						
1) Pentafluorobenzene	5.550	168	156564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76013	46.111	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.220%
35) Dibromofluoromethane	5.379	113	69827	49.430	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.860%
50) Toluene-d8	8.647	98	257971	50.120	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.240%
62) 4-Bromofluorobenzene	11.079	95	89165	46.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.320%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	378	Below Cal	#	71
17) Carbon Disulfide	2.514	76	132	1.862	ug/l #	76
20) Methylene Chloride	2.788	84	258	Below Cal	#	65
27) cis-1,2-Dichloroethene	4.507	96	434	0.253	ug/l #	1
31) Cyclohexane	5.544	56	2282	0.941	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9115	4.421	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12926	6.053	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1013	0.507	ug/l #	1
64) Tetrachloroethene	9.275	164	122	Below Cal	#	45
73) Isopropylbenzene	11.085	105	102	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	41137	22.980	ug/l #	34
79) 2-Chlorotoluene	11.311	91	19	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41137	71.418	ug/l #	8
82) 4-Chlorotoluene	11.311	91	19	Below Cal	#	43

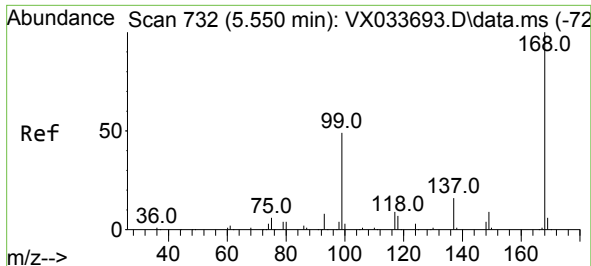
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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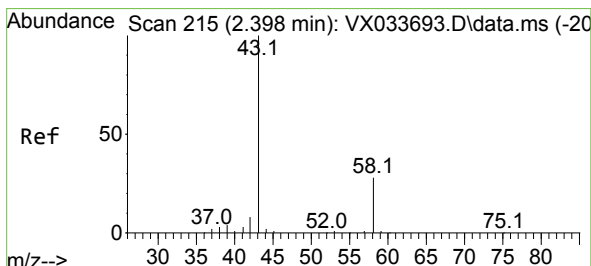
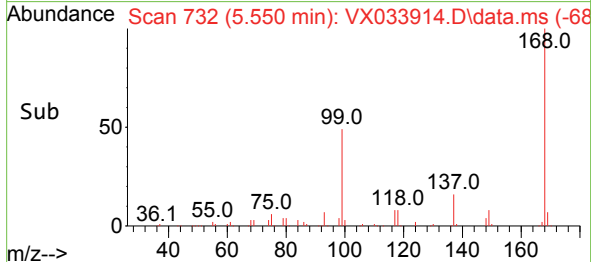
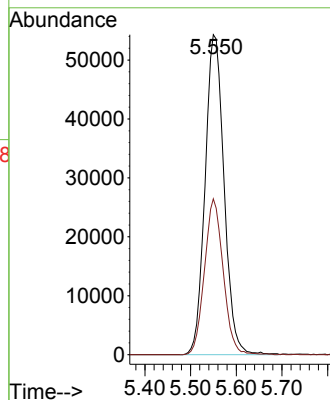
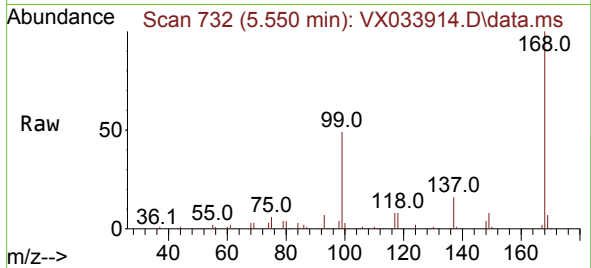




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

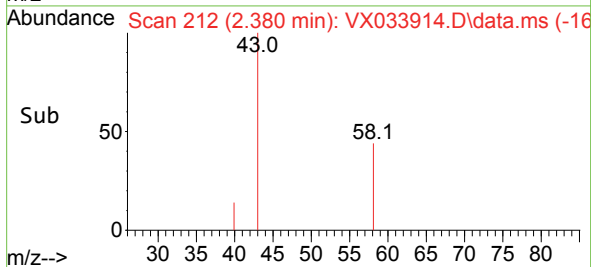
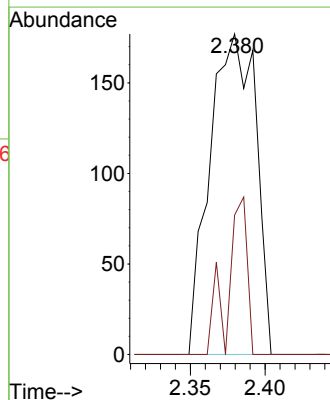
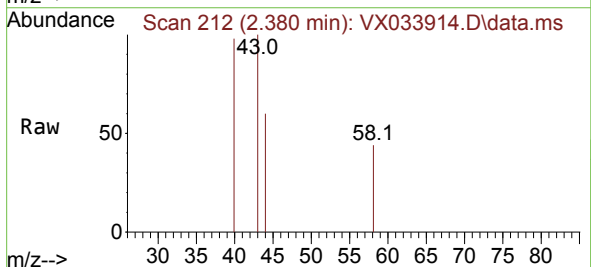
Instrument :
MSVOA_X
ClientSampleId :
LEA-5D

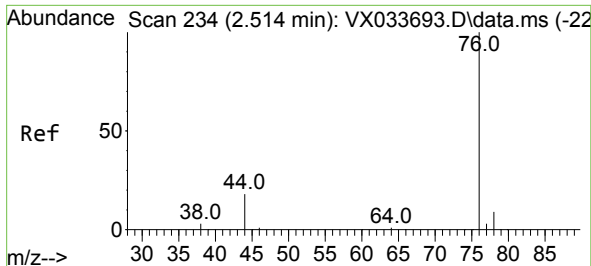
Tgt Ion:168 Resp: 156564
Ion Ratio Lower Upper
168 100
99 48.7 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
58 43.5 22.6 33.8#





#17

Carbon Disulfide

Concen: 1.862 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033914.D

Acq: 26 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

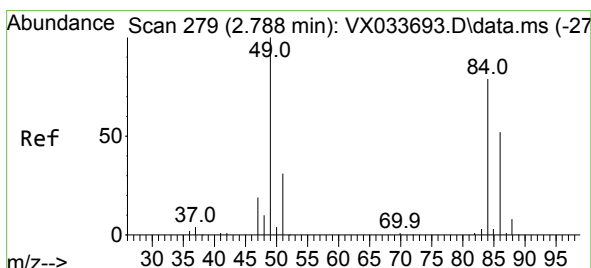
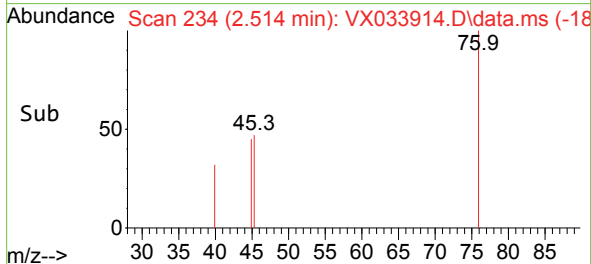
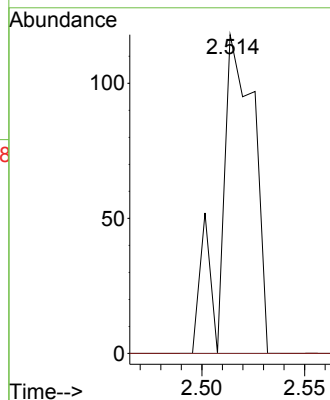
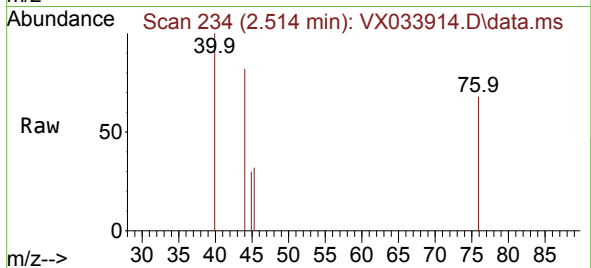
LEA-5D

Tgt Ion: 76 Resp: 132

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033914.D

Acq: 26 Jan 2023 17:05

Tgt Ion: 84 Resp: 258

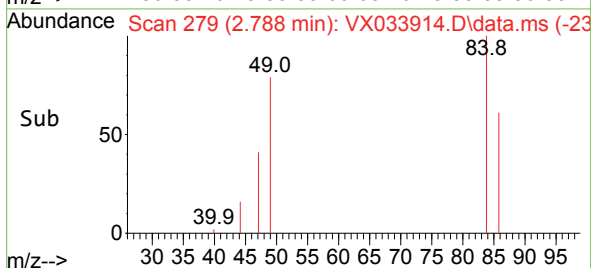
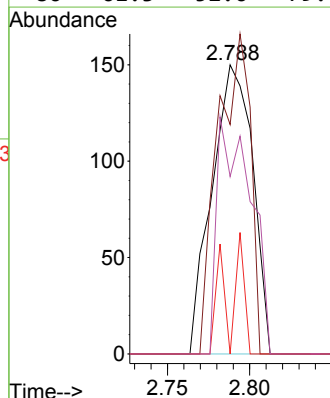
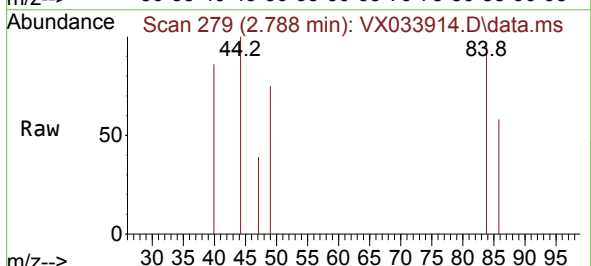
Ion Ratio Lower Upper

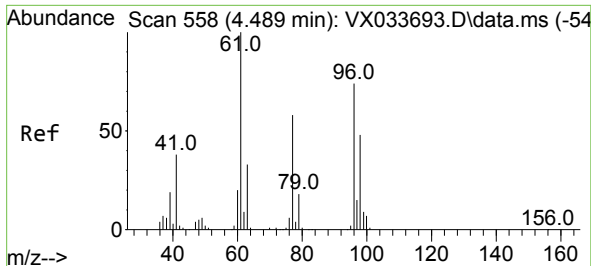
84 100

49 79.3 101.1 151.7#

51 0.0 31.0 46.6#

86 61.3 52.6 79.0





#27

cis-1,2-Dichloroethene

Concen: 0.253 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.018 min

Lab File: VX033914.D

Acq: 26 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

LEA-5D

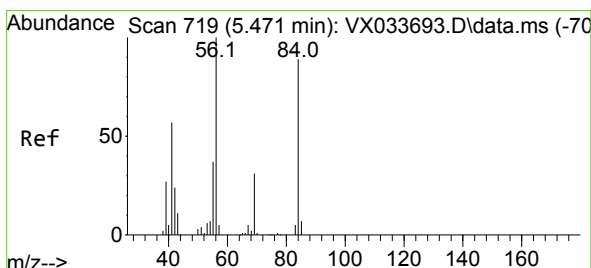
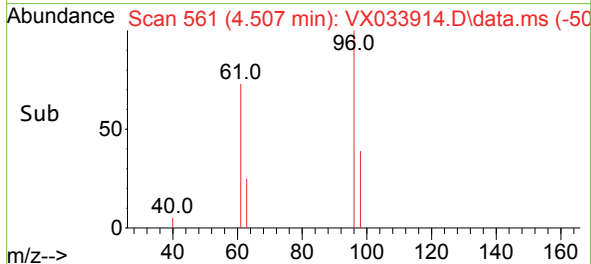
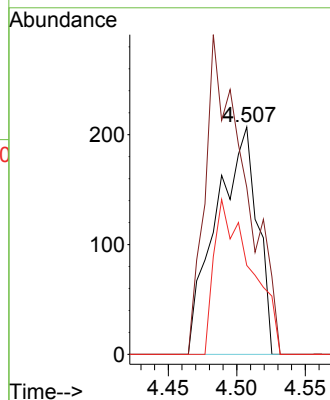
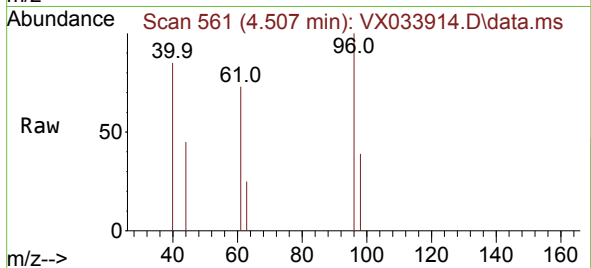
Tgt Ion: 96 Resp: 434

Ion Ratio Lower Upper

96 100

61 0.0 0.0 277.6

98 0.0 0.0 128.0



#31

Cyclohexane

Concen: 0.941 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX033914.D

Acq: 26 Jan 2023 17:05

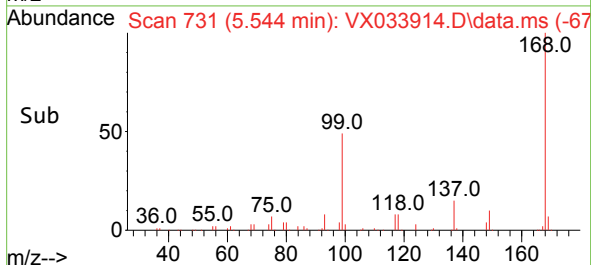
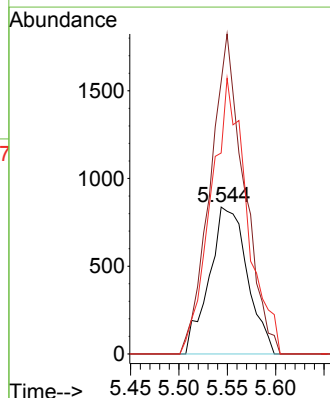
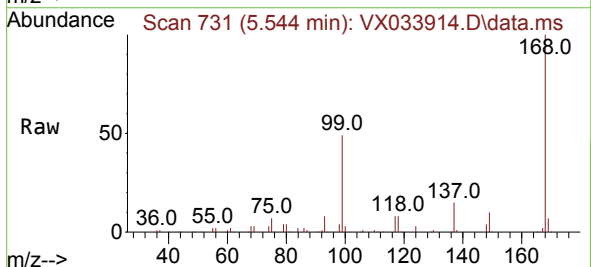
Tgt Ion: 56 Resp: 2282

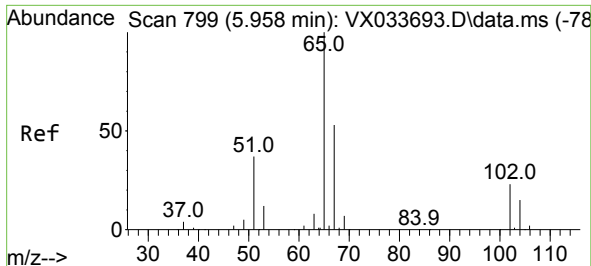
Ion Ratio Lower Upper

56 100

69 185.3 24.6 37.0#

84 136.8 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 46.111 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033914.D

Acq: 26 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

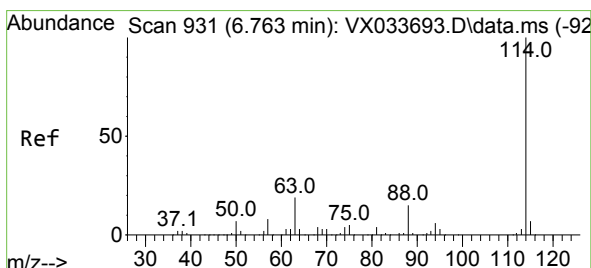
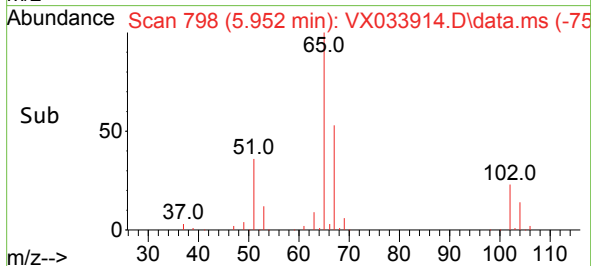
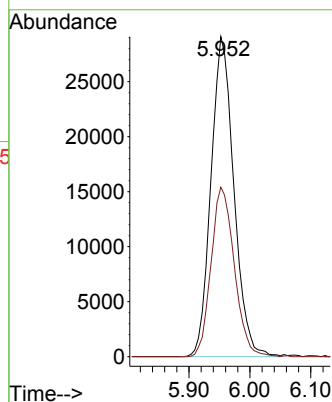
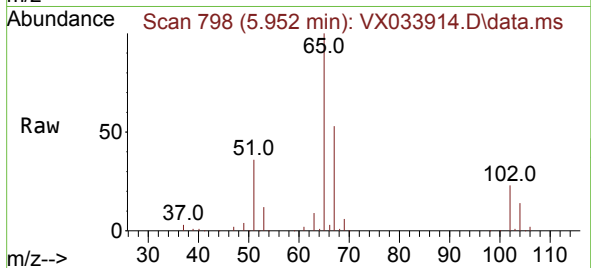
LEA-5D

Tgt Ion: 65 Resp: 76013

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033914.D

Acq: 26 Jan 2023 17:05

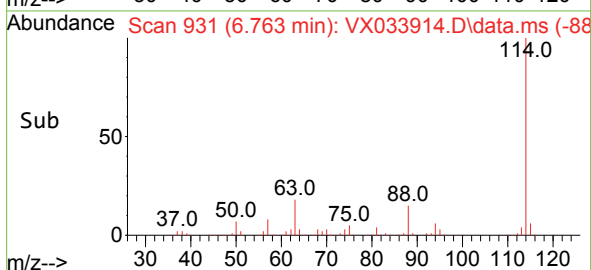
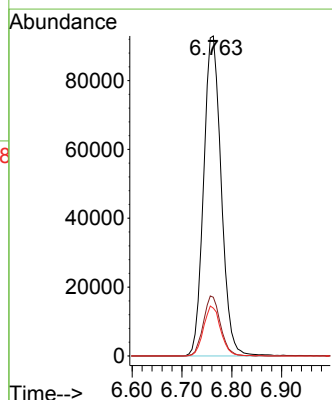
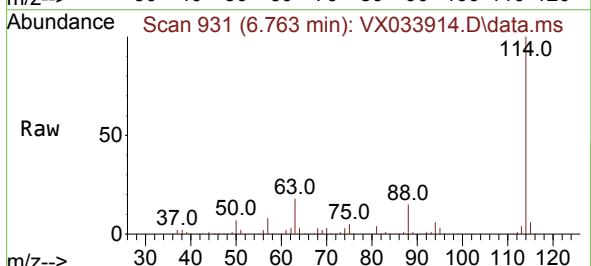
Tgt Ion:114 Resp: 227499

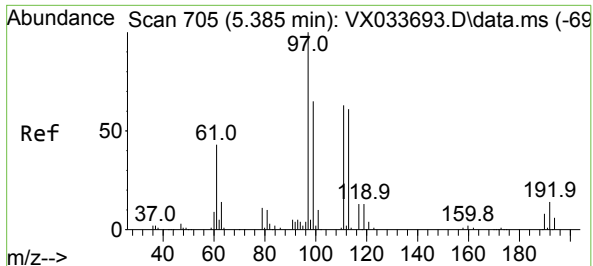
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.430 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033914.D

Acq: 26 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

LEA-5D

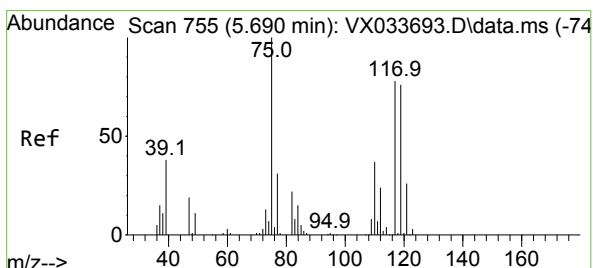
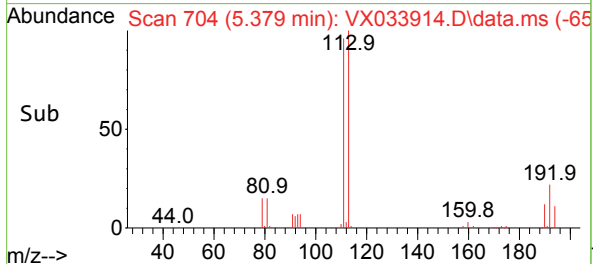
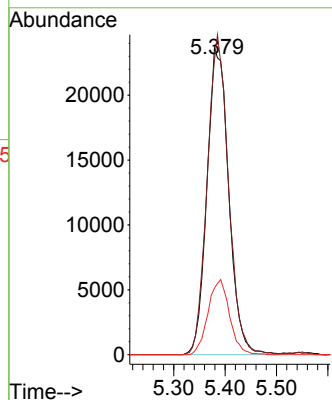
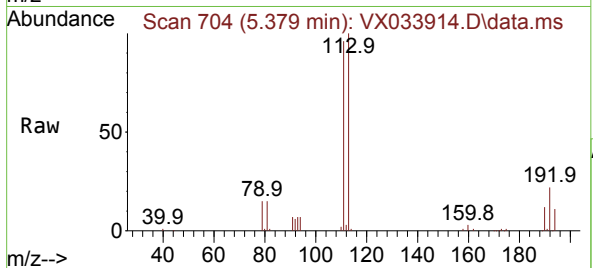
Tgt Ion:113 Resp: 69827

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

192 24.1 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.421 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX033914.D

Acq: 26 Jan 2023 17:05

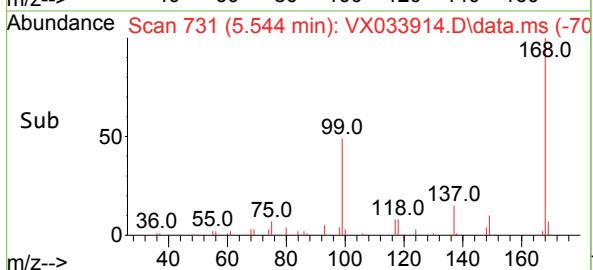
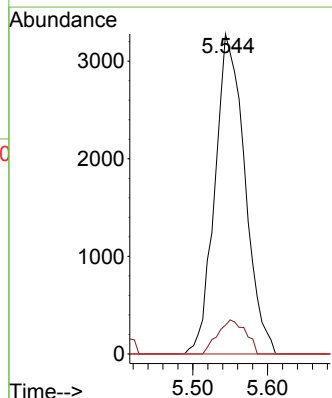
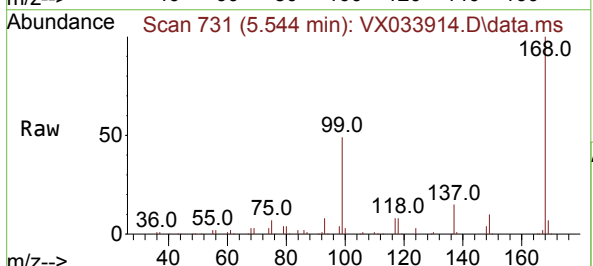
Tgt Ion: 75 Resp: 9115

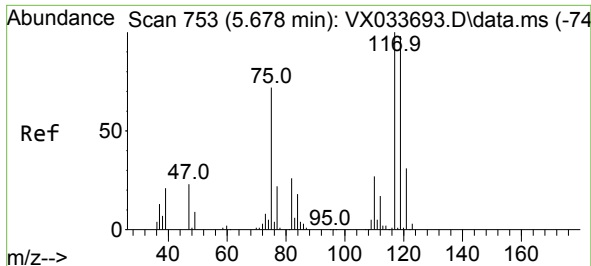
Ion Ratio Lower Upper

75 100

110 10.0 18.8 56.4#

77 0.0 25.1 37.7#

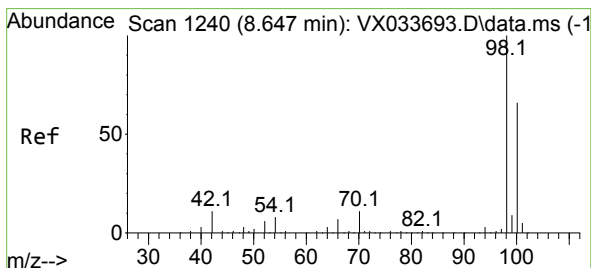
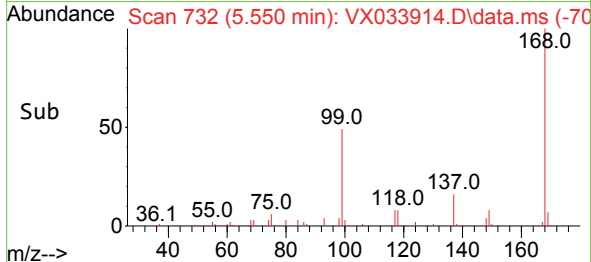
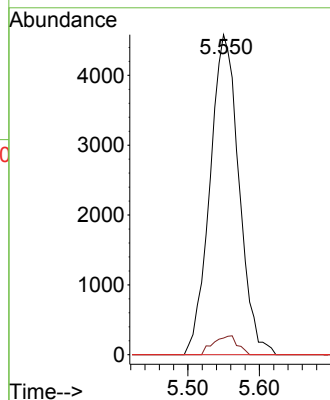
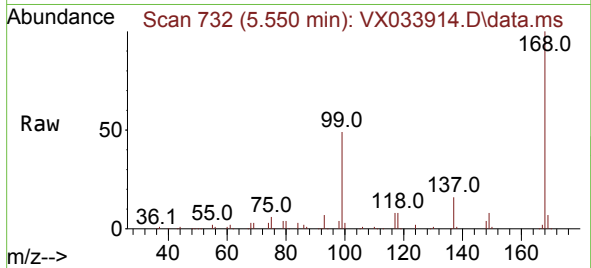




#38
Carbon Tetrachloride
Concen: 6.053 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

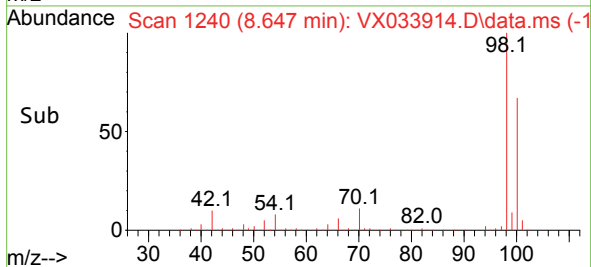
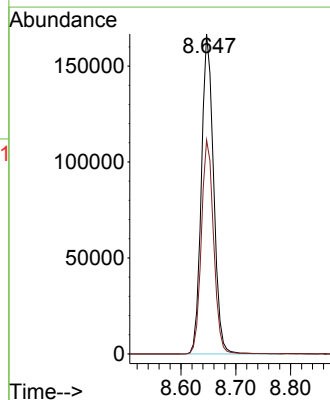
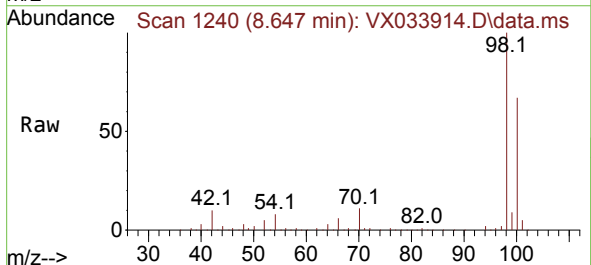
Instrument :
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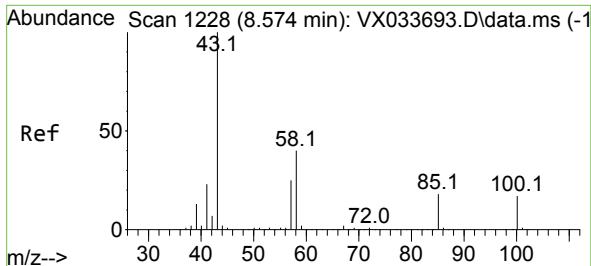
Tgt Ion:117 Resp: 12926
Ion Ratio Lower Upper
117 100
119 5.2 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.120 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

Tgt Ion: 98 Resp: 257971
Ion Ratio Lower Upper
98 100
100 67.3 53.6 80.4

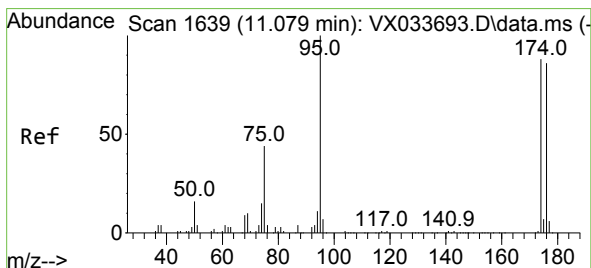
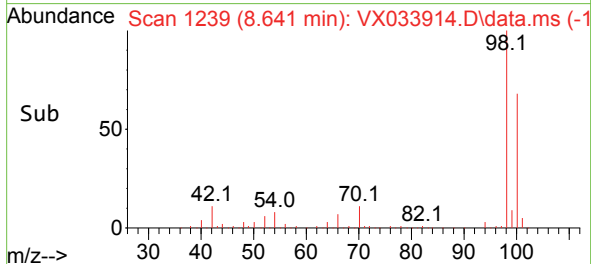
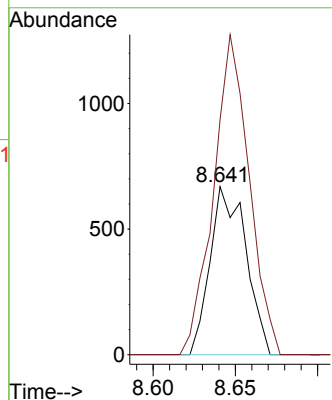
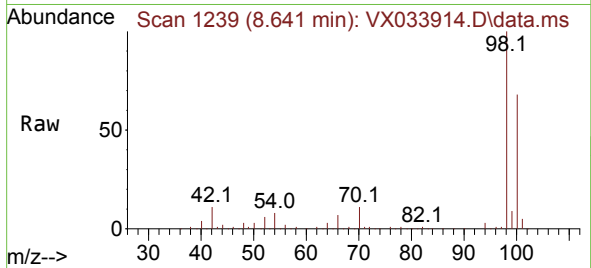




#51
4-Methyl-2-Pentanone
Concen: 0.507 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

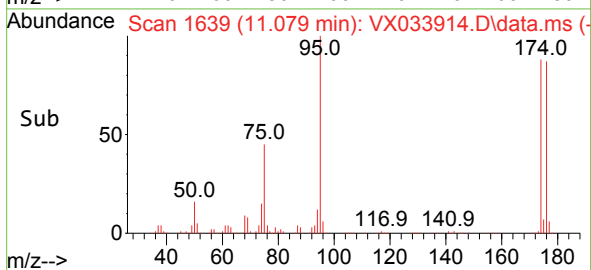
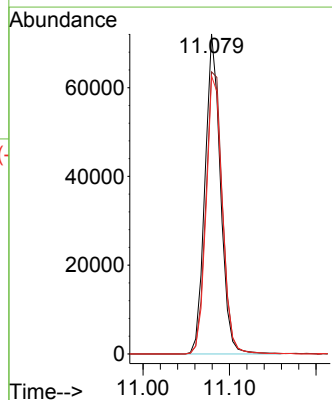
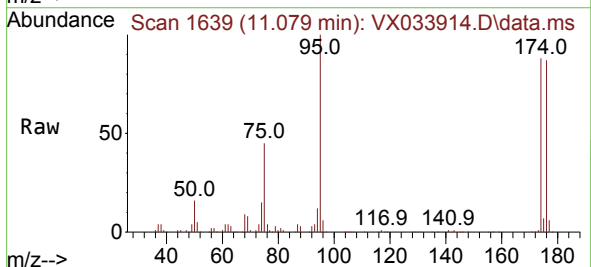
Instrument :
MSVOA_X
ClientSampleId :
LEA-5D

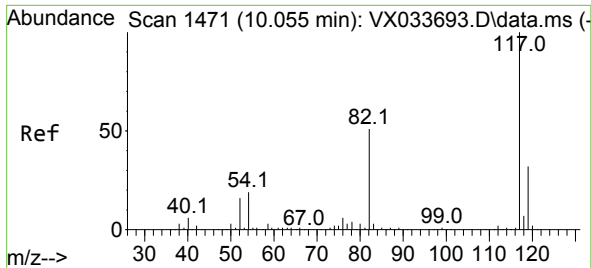
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
58 189.6 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

Tgt Ion: 95 Resp: 89165
Ion Ratio Lower Upper
95 100
174 95.0 0.0 184.4
176 91.4 0.0 178.8

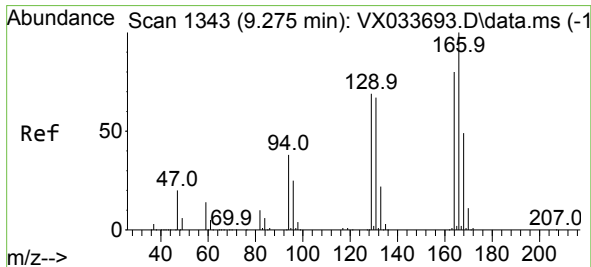
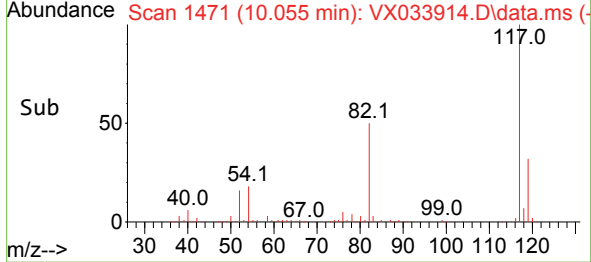
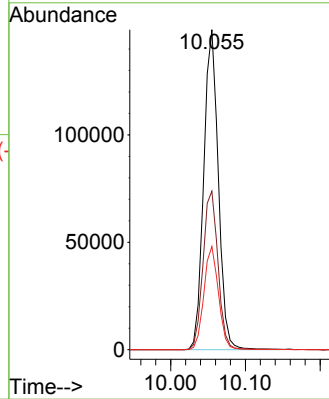
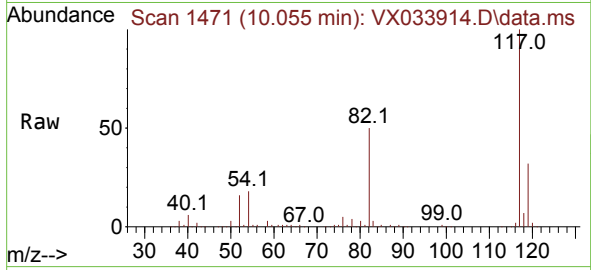




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

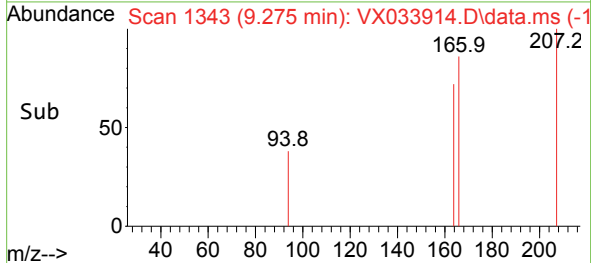
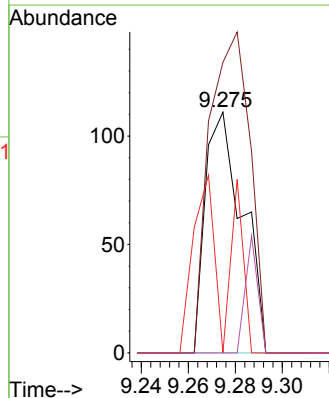
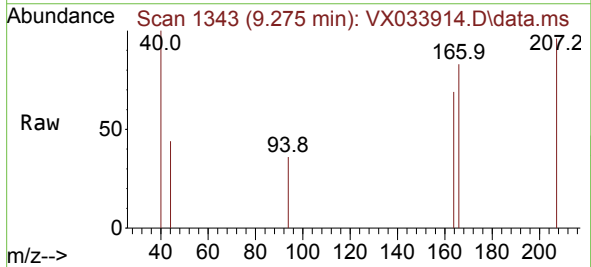
Instrument :
MSVOA_X
ClientSampleId :
LEA-5D

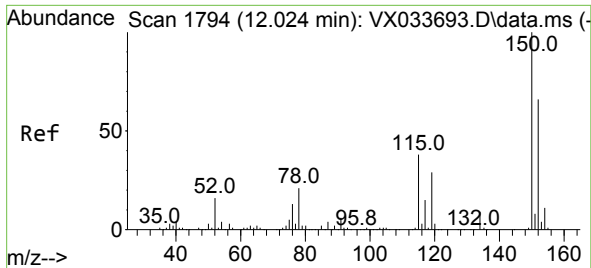
Tgt Ion:117 Resp: 201893
Ion Ratio Lower Upper
117 100
82 49.5 40.6 60.8
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

Tgt Ion:164 Resp: 122
Ion Ratio Lower Upper
164 100
166 120.7 100.2 150.2
129 0.0 69.2 103.8#
131 0.0 67.2 100.8#

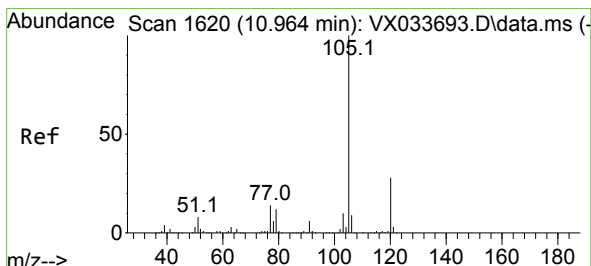
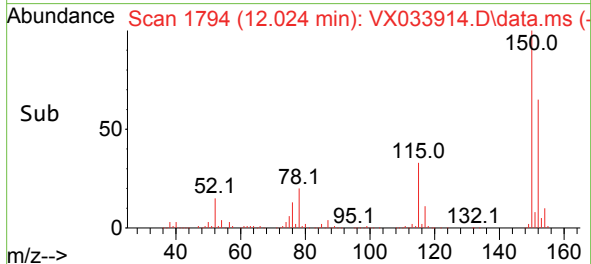
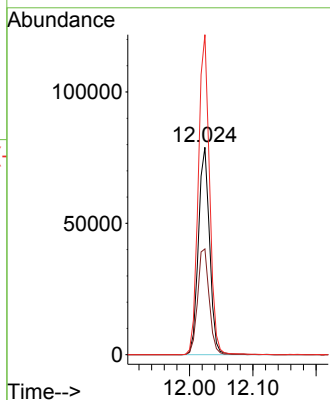
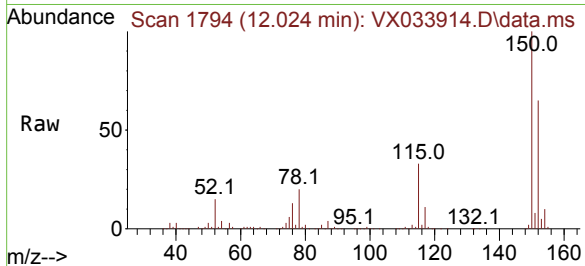




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

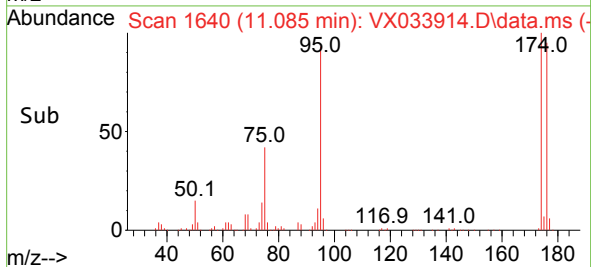
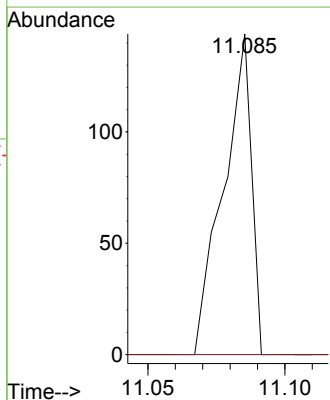
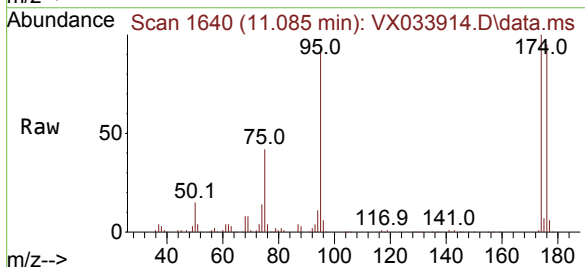
Instrument :
MSVOA_X
ClientSampleId :
LEA-5D

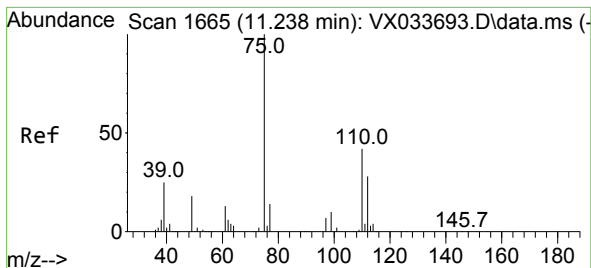
Tgt Ion:152 Resp: 97431
Ion Ratio Lower Upper
152 100
115 52.9 38.7 116.1
150 155.2 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. 0.121 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

Tgt Ion:105 Resp: 102
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#76

1,2,3-Trichloropropane

Concen: 22.980 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX033914.D

Acq: 26 Jan 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

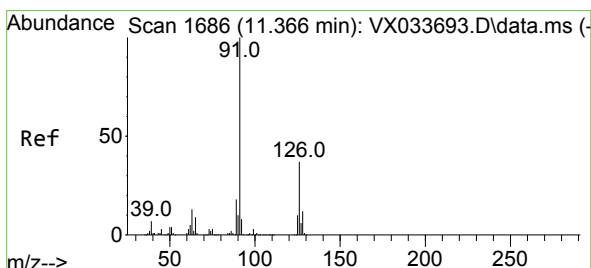
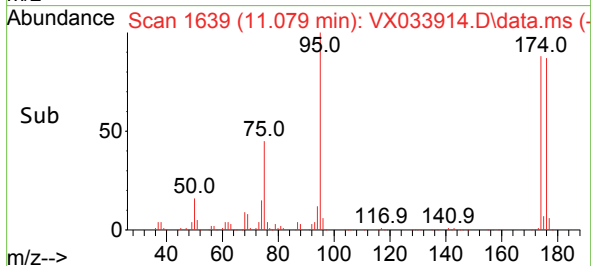
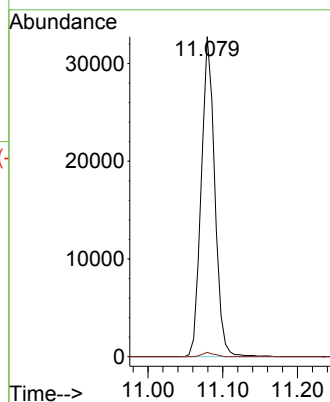
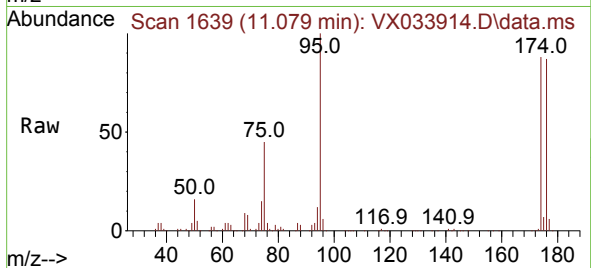
LEA-5D

Tgt Ion: 75 Resp: 41137

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.311 min Scan# 1677

Delta R.T. -0.055 min

Lab File: VX033914.D

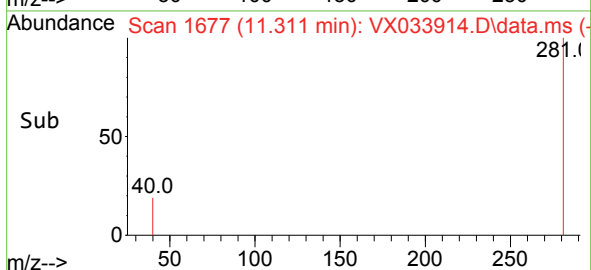
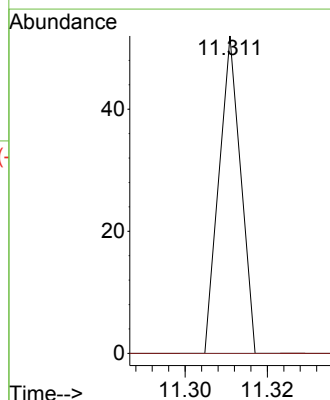
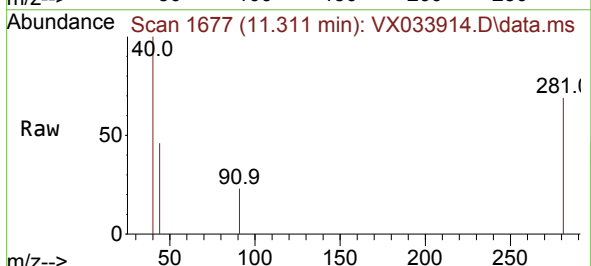
Acq: 26 Jan 2023 17:05

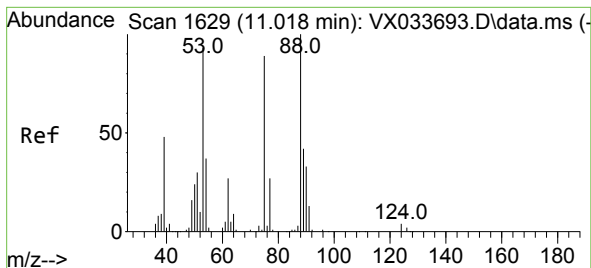
Tgt Ion: 91 Resp: 19

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#

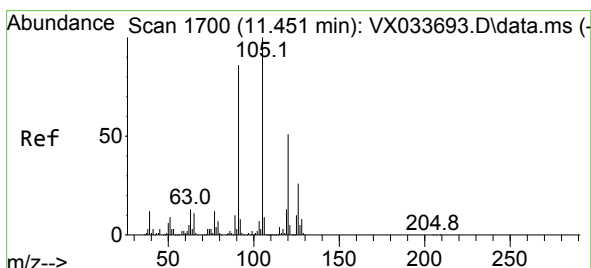
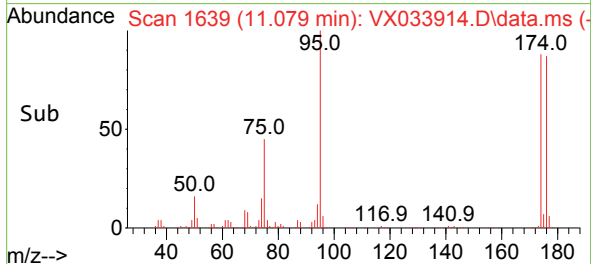
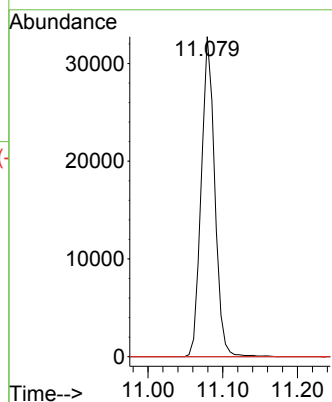
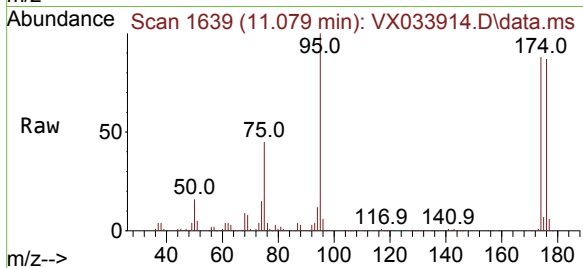




#81
trans-1,4-Dichloro-2-butene
Concen: 71.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
LEA-5D

Tgt Ion: 75 Resp: 41137
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.311 min Scan# 1677
Delta R.T. -0.140 min
Lab File: VX033914.D
Acq: 26 Jan 2023 17:05

Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

