

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033326.D
 Acq On : 08 Dec 2022 16:14
 Operator : JC/MD
 Sample : N5865-01DL 1600X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7IDL

Quant Time: Dec 09 00:49:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

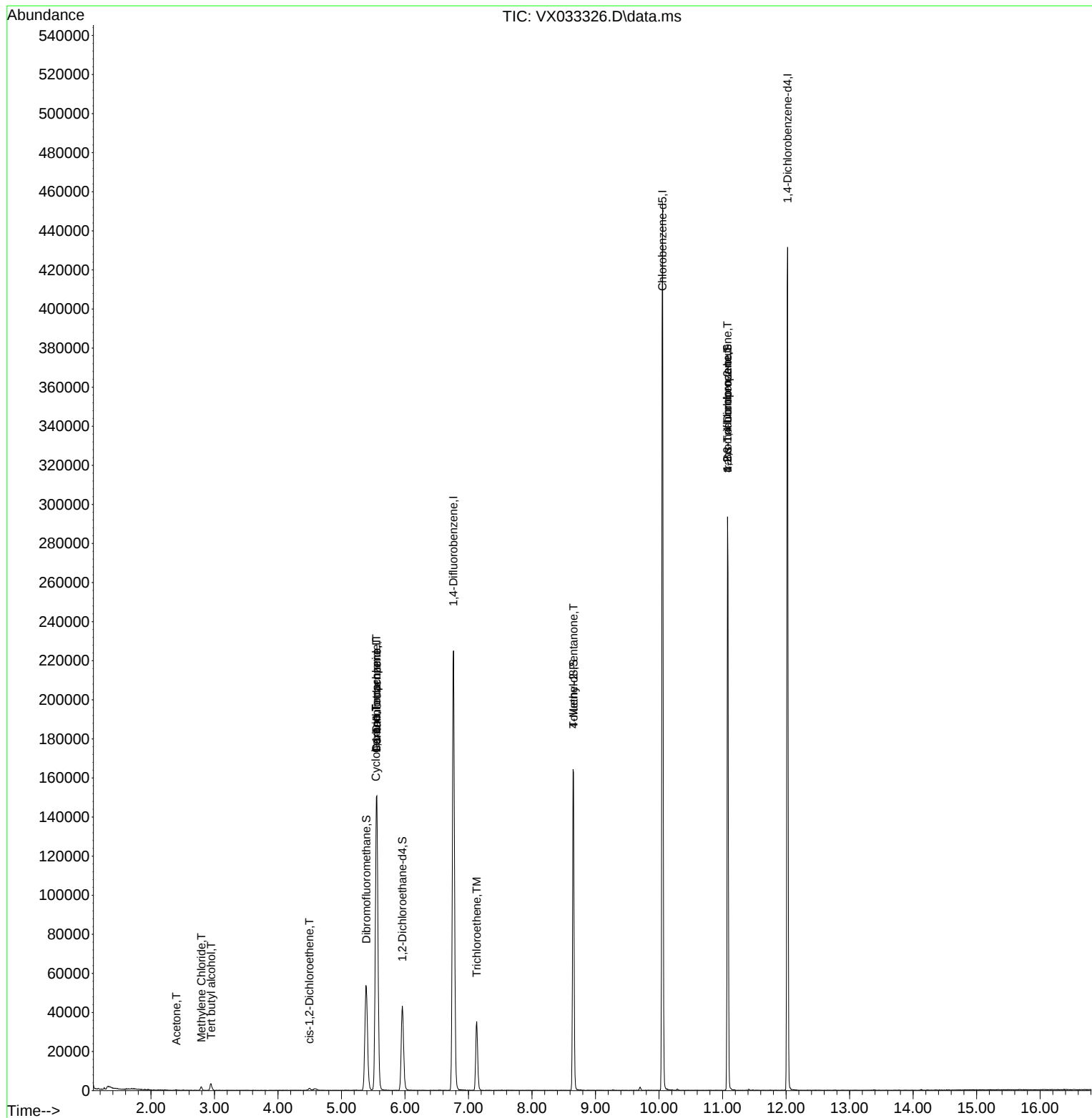
Internal Standards						
1) Pentafluorobenzene	5.556	168	145345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44875	48.126	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.260%
35) Dibromofluoromethane	5.391	113	47625	45.758	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.520%
50) Toluene-d8	8.653	98	101812	46.760	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.520%
62) 4-Bromofluorobenzene	11.079	95	76129	45.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1875	6.577	ug/l #	72
16) Acetone	2.398	43	307	0.445	ug/l #	45
20) Methylene Chloride	2.794	84	868	0.564	ug/l #	74
27) cis-1,2-Dichloroethene	4.495	96	707	0.410	ug/l	93
31) Cyclohexane	5.544	56	2766	1.248	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	10933	5.388	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15471	6.805	ug/l #	16
44) Trichloroethene	7.129	130	14016	8.592	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	419	0.215	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40358	21.263	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40358	66.144	ug/l #	6

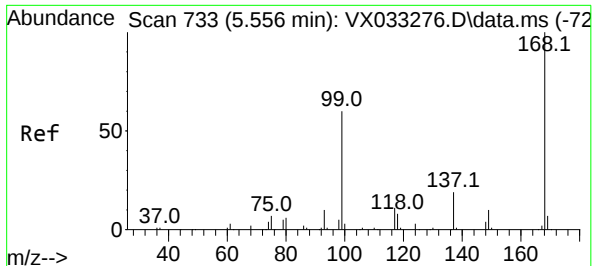
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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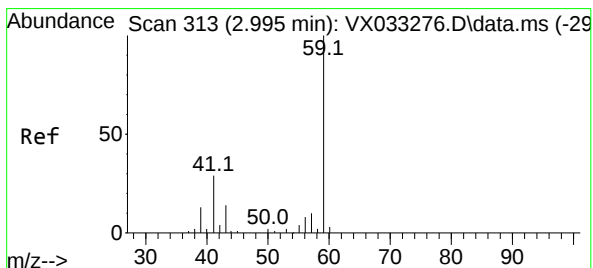
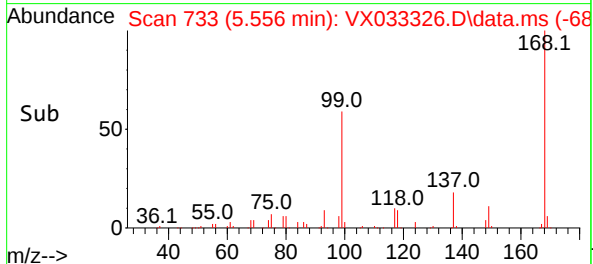
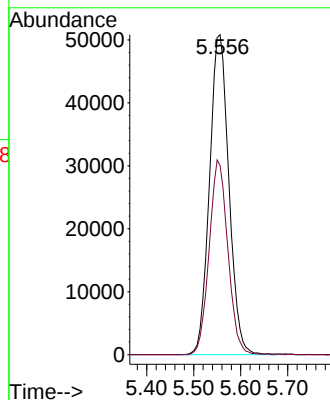
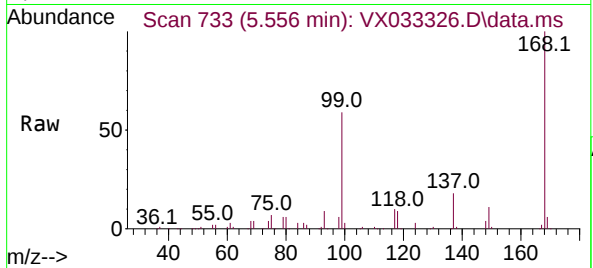




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033326.D
Acq: 08 Dec 2022 16:14

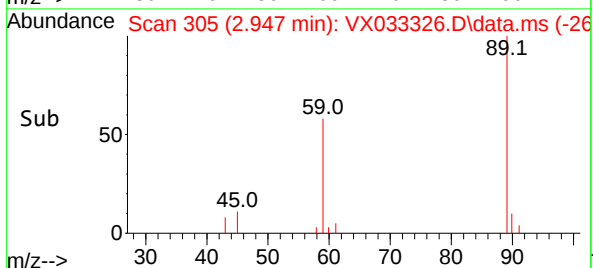
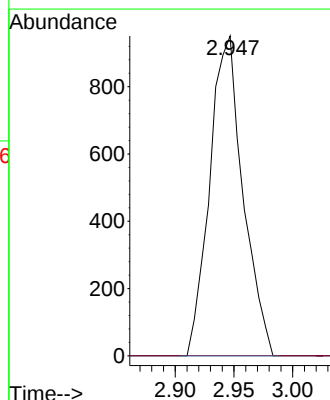
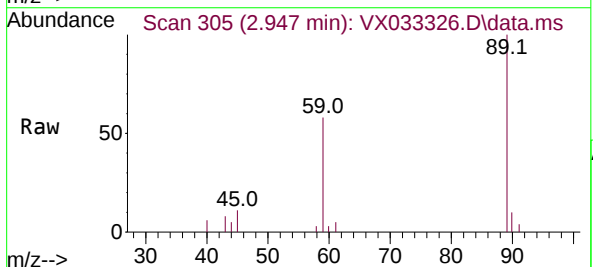
Instrument :
MSVOA_X
ClientSampleId :
LEA-7IDL

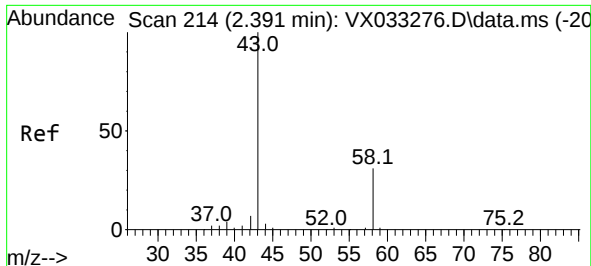
Tgt Ion:168 Resp: 145345
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.577 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX033326.D
Acq: 08 Dec 2022 16:14

Tgt Ion: 59 Resp: 1875
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

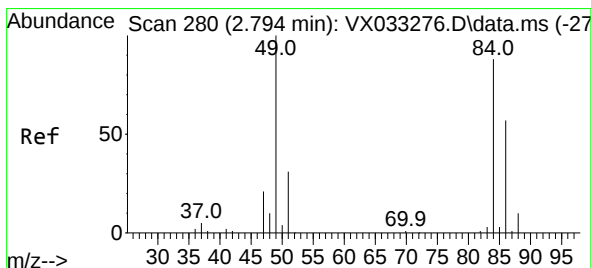
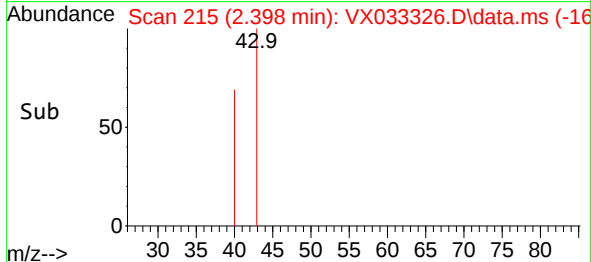
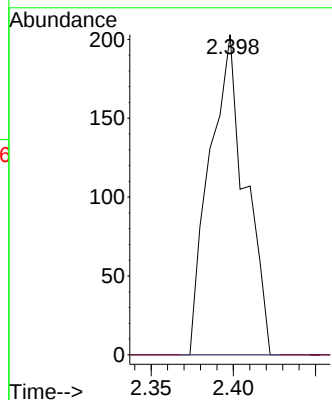
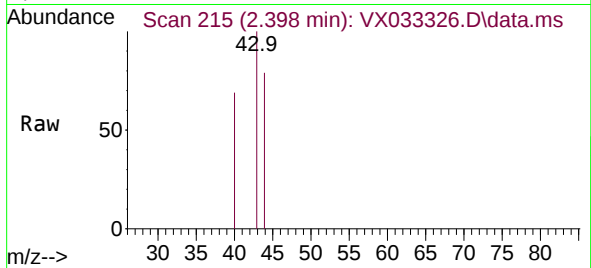




#16
Acetone
Concen: 0.445 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033326.D
Acq: 08 Dec 2022 16:14

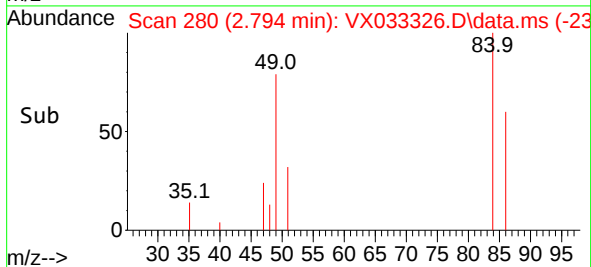
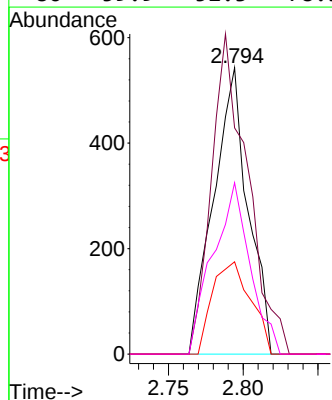
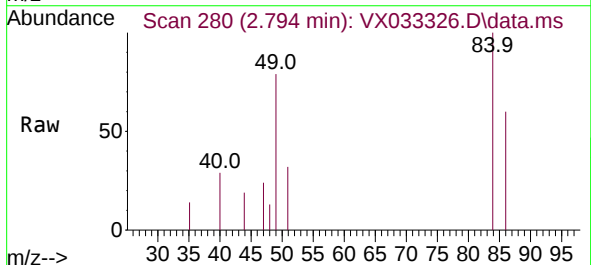
Instrument :
MSVOA_X
ClientSampleId :
LEA-7IDL

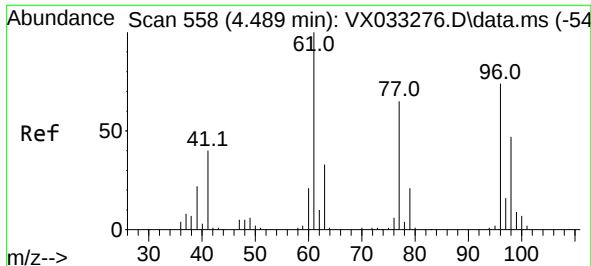
Tgt Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.564 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033326.D
Acq: 08 Dec 2022 16:14

Tgt Ion: 84 Resp: 868
Ion Ratio Lower Upper
84 100
49 79.0 101.0 151.6#
51 32.2 31.1 46.7
86 59.9 52.3 78.5

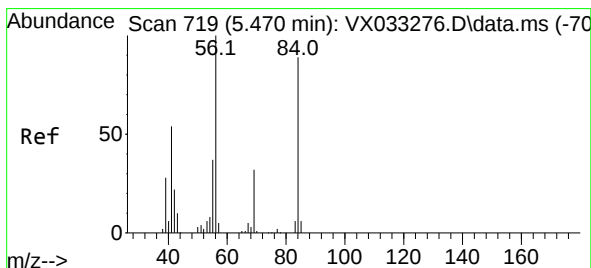
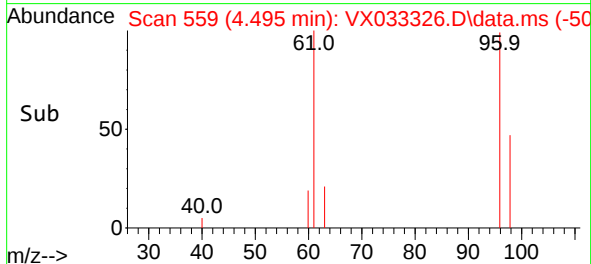
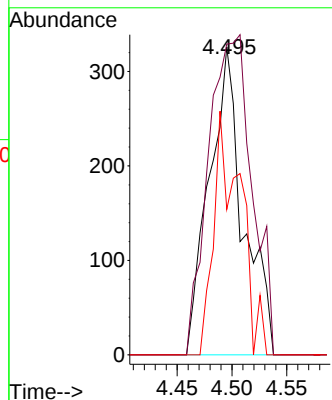
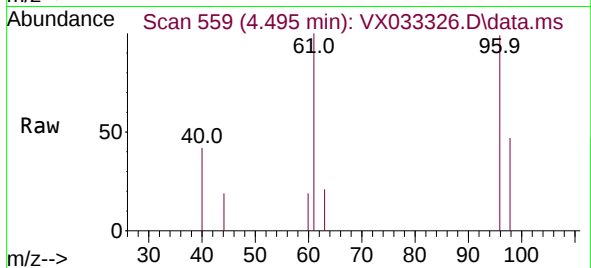




#27
 cis-1,2-Dichloroethene
 Concen: 0.410 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX033326.D
 Acq: 08 Dec 2022 16:14

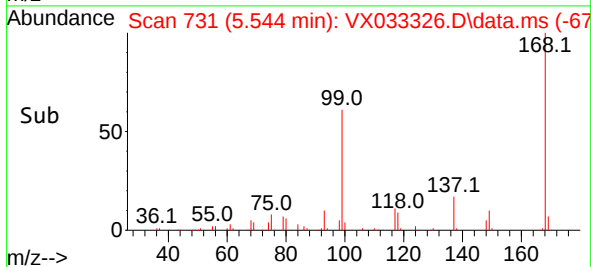
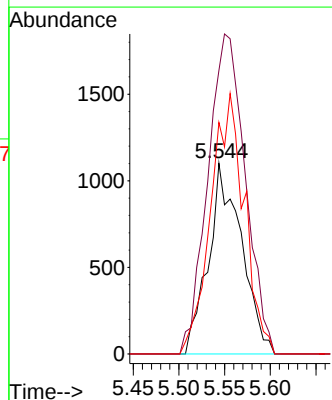
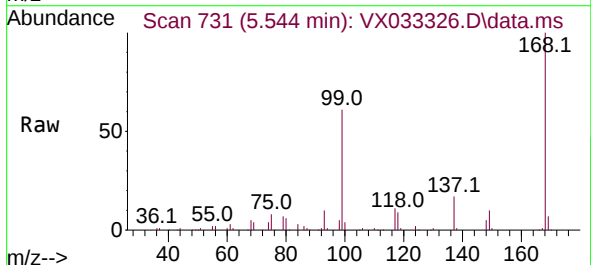
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7IDL

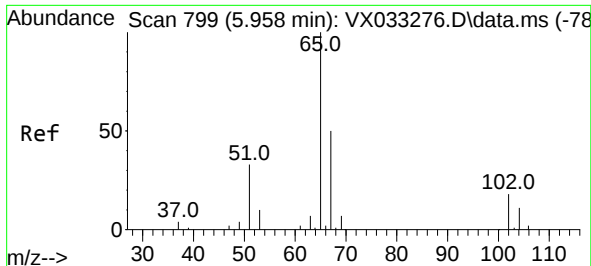
Tgt Ion: 96 Resp: 707
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 286.0
 98 61.7 0.0 129.6



#31
 Cyclohexane
 Concen: 1.248 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.074 min
 Lab File: VX033326.D
 Acq: 08 Dec 2022 16:14

Tgt Ion: 56 Resp: 2766
 Ion Ratio Lower Upper
 56 100
 69 148.5 24.1 36.1#
 84 121.3 66.9 100.3#

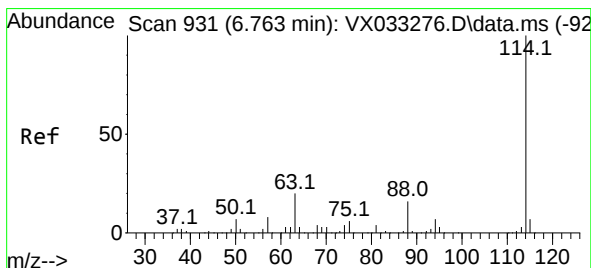
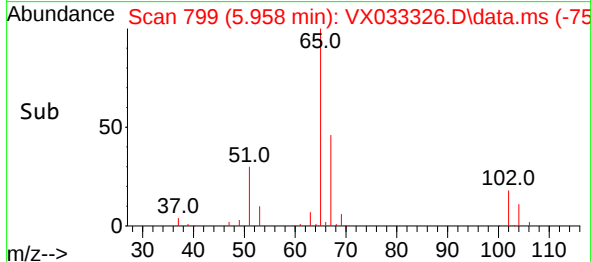
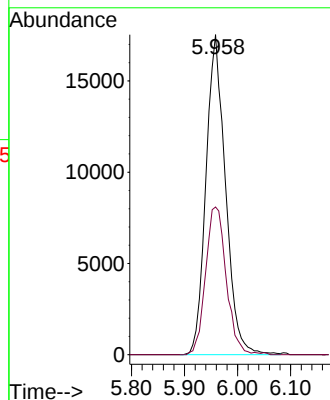
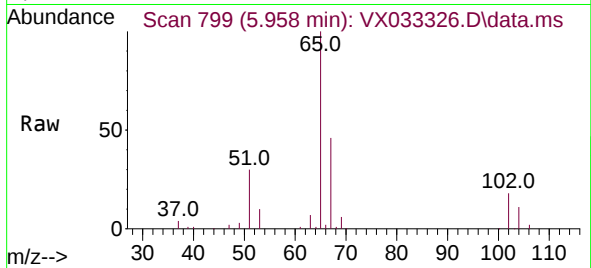




#33
 1,2-Dichloroethane-d4
 Concen: 48.126 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033326.D
 Acq: 08 Dec 2022 16:14

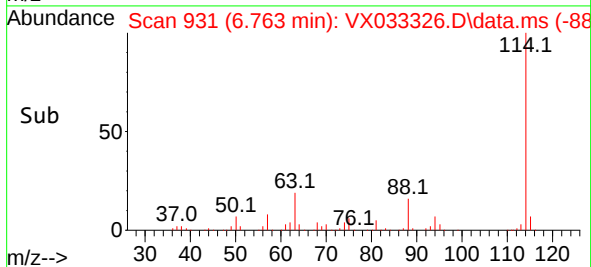
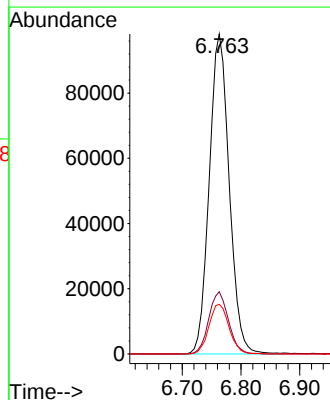
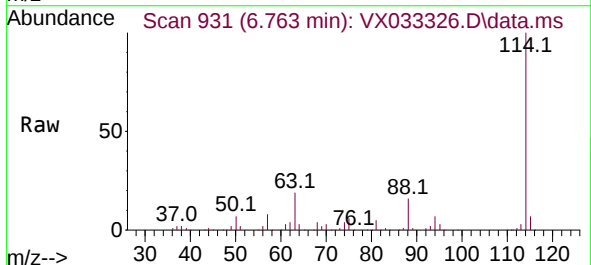
Instrument :
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 ClientSampleId :
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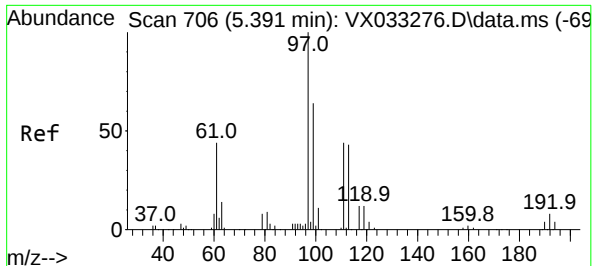
Tgt Ion: 65 Resp: 44875
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033326.D
 Acq: 08 Dec 2022 16:14

Tgt Ion: 114 Resp: 231403
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.6
 88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.758 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033326.D

Acq: 08 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

LEA-7IDL

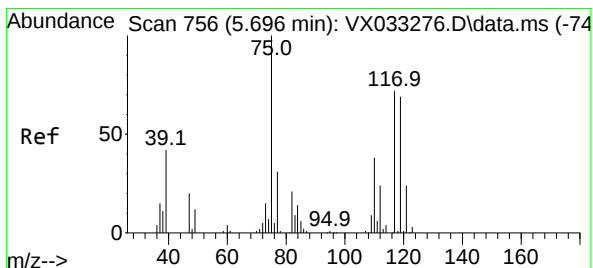
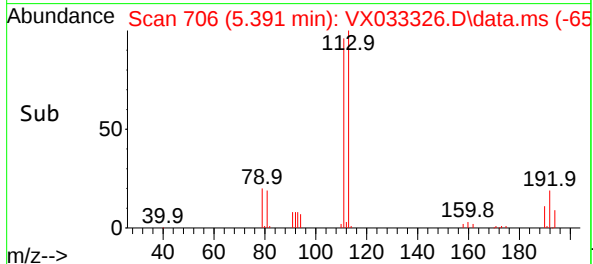
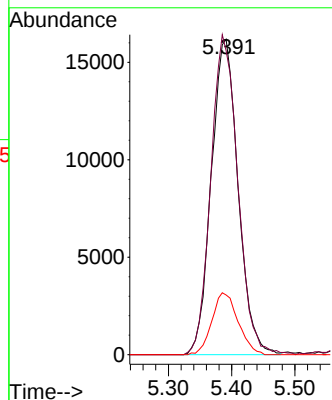
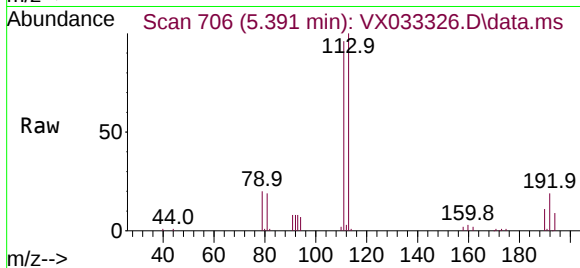
Tgt Ion:113 Resp: 47625

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.388 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033326.D

Acq: 08 Dec 2022 16:14

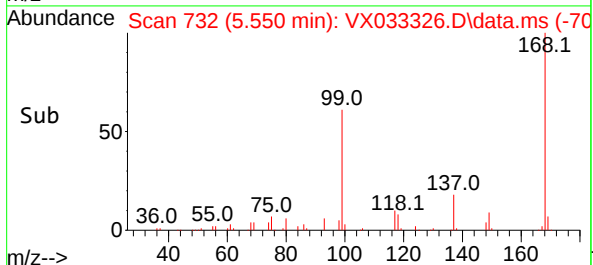
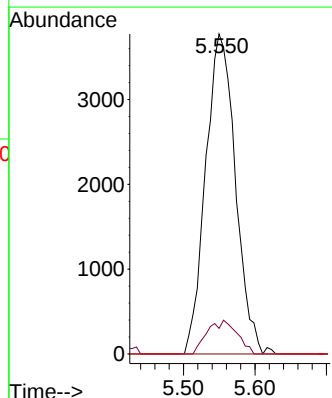
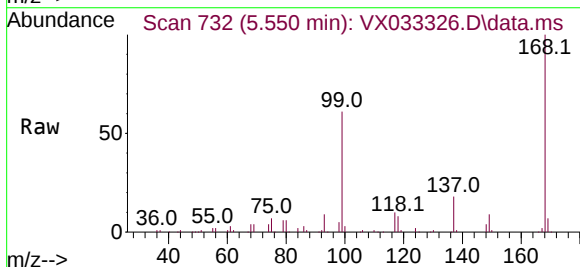
Tgt Ion: 75 Resp: 10933

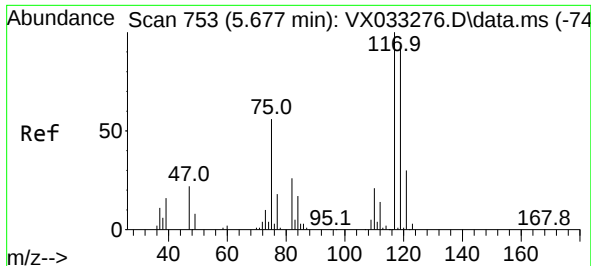
Ion Ratio Lower Upper

75 100

110 10.6 18.4 55.2#

77 0.0 24.5 36.7#

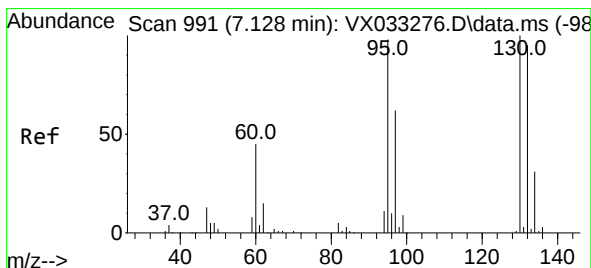
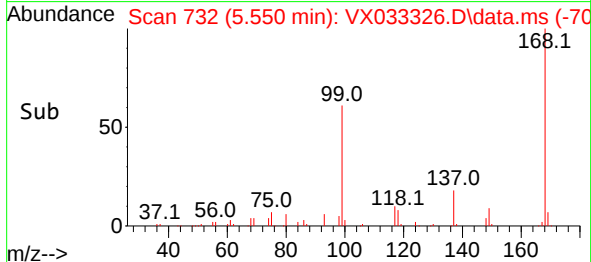
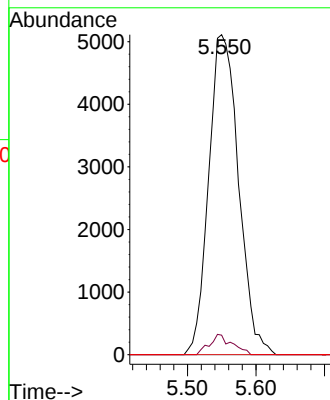
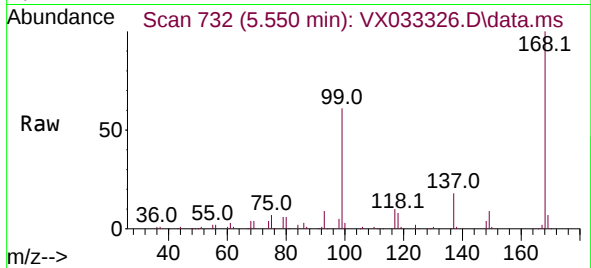




#38
Carbon Tetrachloride
Concen: 6.805 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033326.D
Acq: 08 Dec 2022 16:14

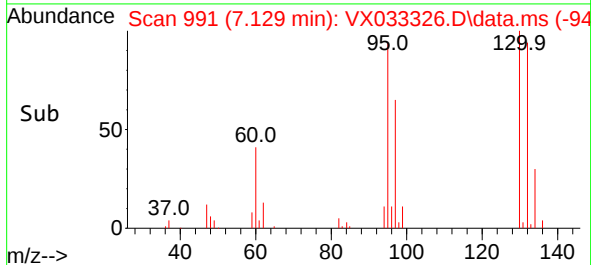
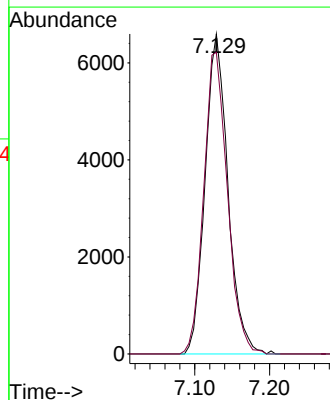
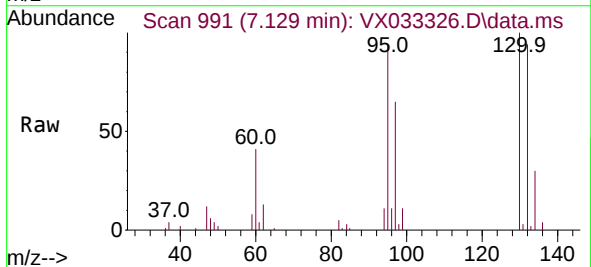
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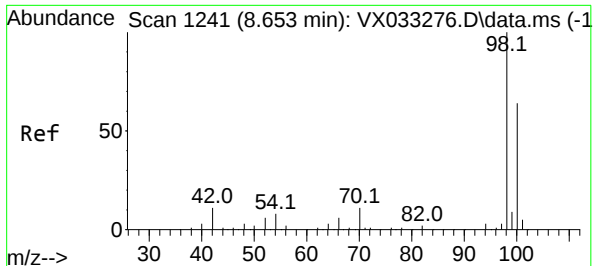
Tgt Ion:117 Resp: 15471
Ion Ratio Lower Upper
117 100
119 6.1 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 8.592 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033326.D
Acq: 08 Dec 2022 16:14

Tgt Ion:130 Resp: 14016
Ion Ratio Lower Upper
130 100
95 94.3 0.0 195.2





#50

Toluene-d8

Concen: 46.760 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033326.D

Acq: 08 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

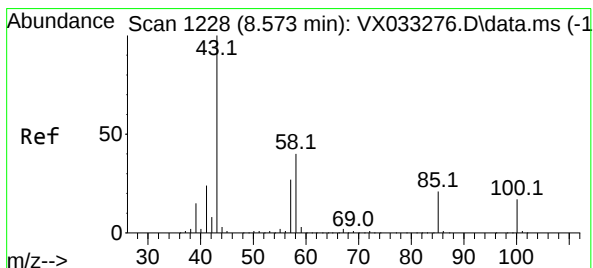
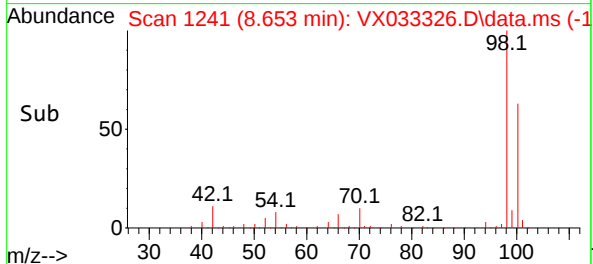
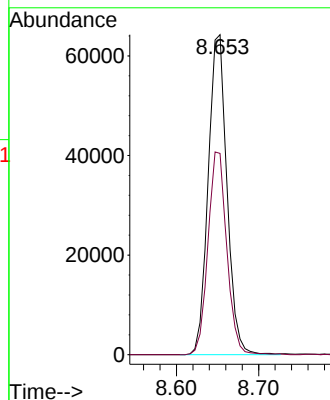
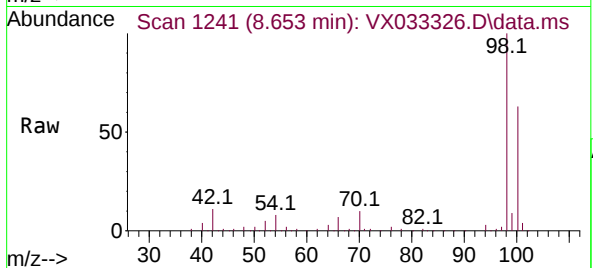
LEA-7IDL

Tgt Ion: 98 Resp: 101812

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.215 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX033326.D

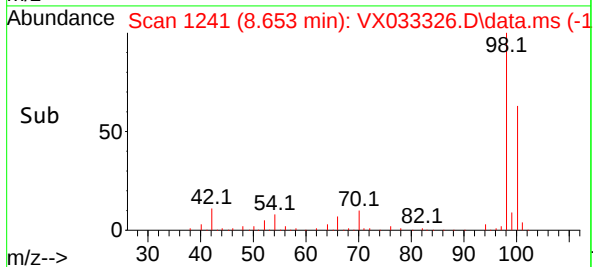
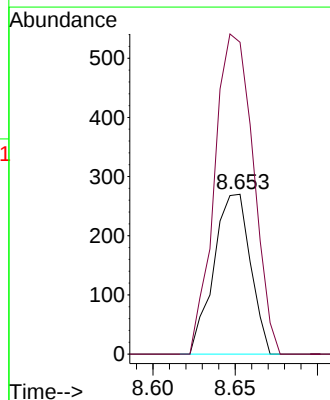
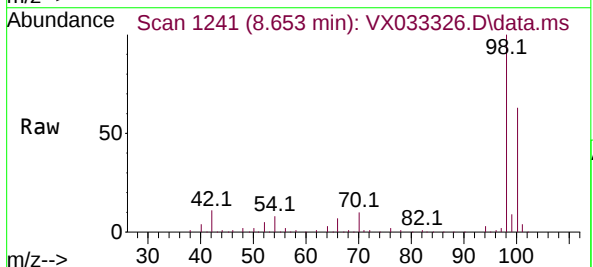
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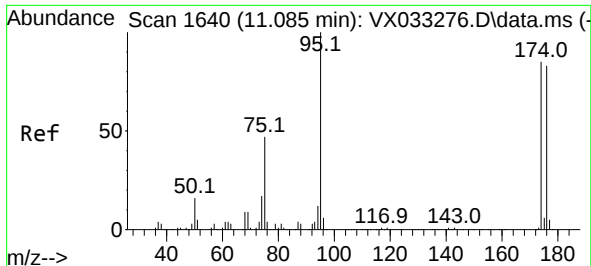
Tgt Ion: 43 Resp: 419

Ion Ratio Lower Upper

43 100

58 211.2 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 45.729 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033326.D

Acq: 08 Dec 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

LEA-7IDL

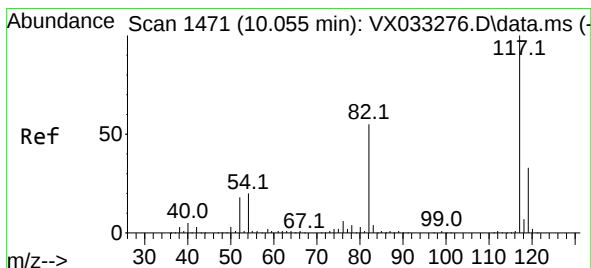
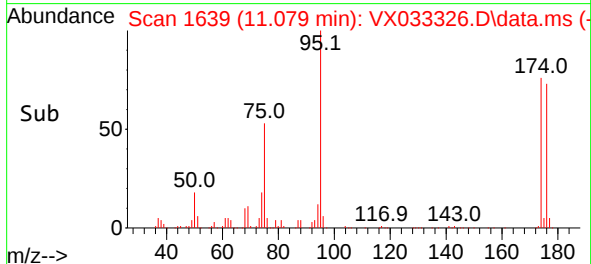
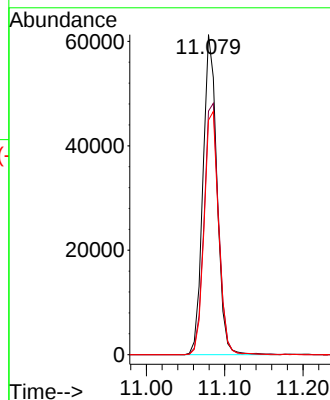
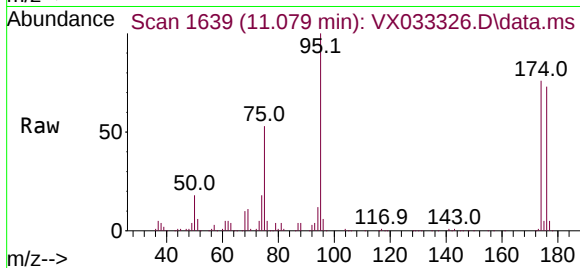
Tgt Ion: 95 Resp: 76129

Ion Ratio Lower Upper

95 100

174 82.1 0.0 164.0

176 78.7 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033326.D

Acq: 08 Dec 2022 16:14

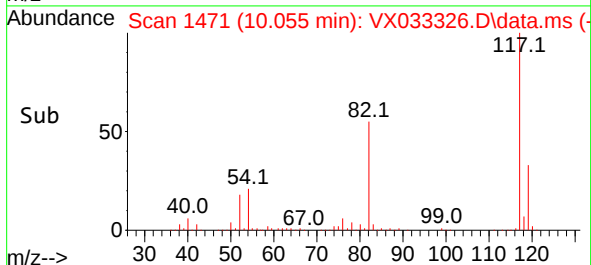
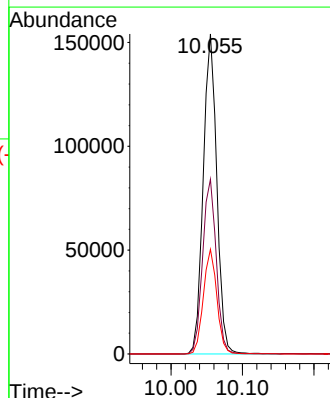
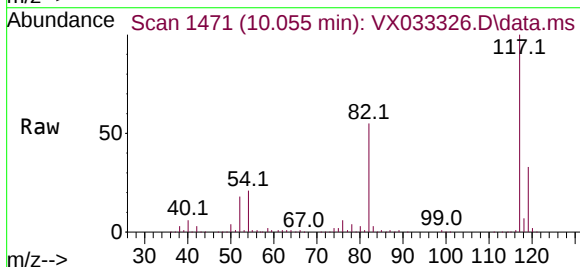
Tgt Ion: 117 Resp: 203143

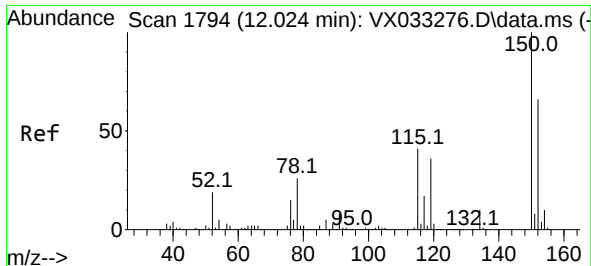
Ion Ratio Lower Upper

117 100

82 54.6 44.3 66.5

119 32.7 25.7 38.5

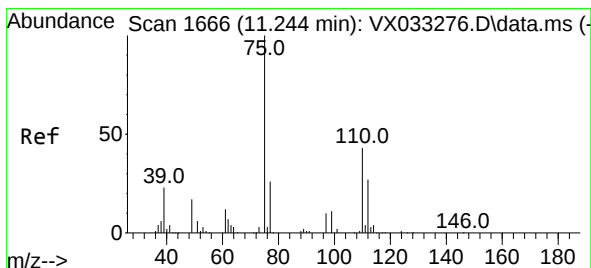
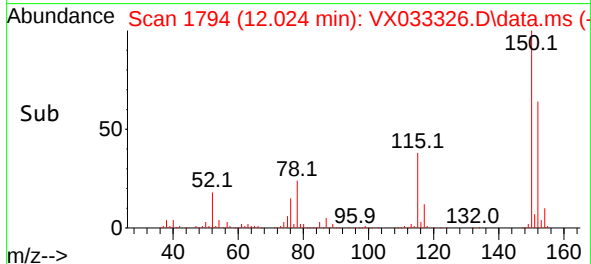
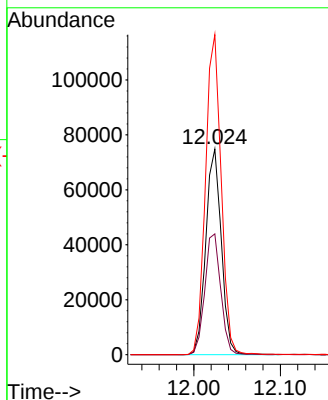
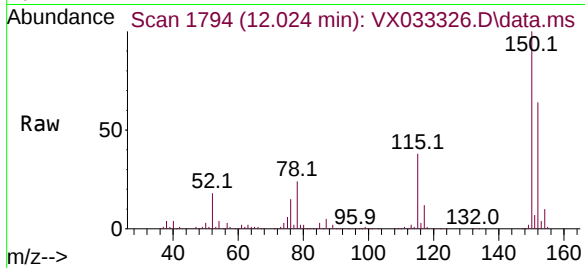




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033326.D
 Acq: 08 Dec 2022 16:14

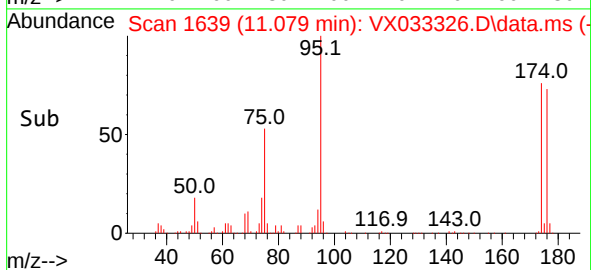
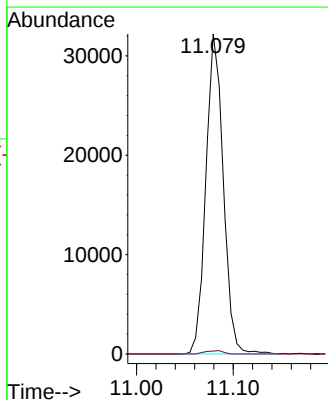
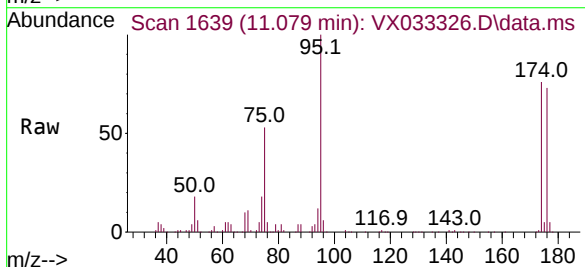
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7IDL

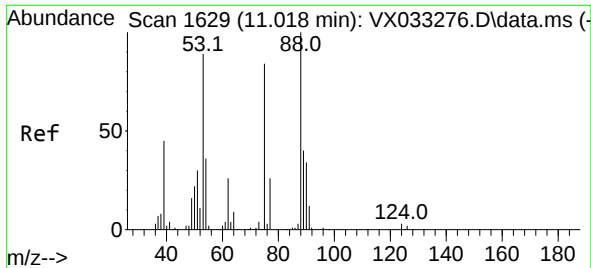
Tgt Ion:152 Resp: 93290
 Ion Ratio Lower Upper
 152 100
 115 60.2 44.0 132.0
 150 157.1 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 21.263 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033326.D
 Acq: 08 Dec 2022 16:14

Tgt Ion: 75 Resp: 40358
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.144 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033326.D
 Acq: 08 Dec 2022 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7IDL

Tgt Ion: 75 Resp: 40358
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

