

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033192.D
 Acq On : 02 Dec 2022 17:44
 Operator : JC/MD
 Sample : N5841-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11D

Quant Time: Dec 03 04:34:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	109195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58779	55.428	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.860%
35) Dibromofluoromethane	5.385	113	47458	47.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.647	98	155843	51.806	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.620%
62) 4-Bromofluorobenzene	11.079	95	59029	44.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.760%

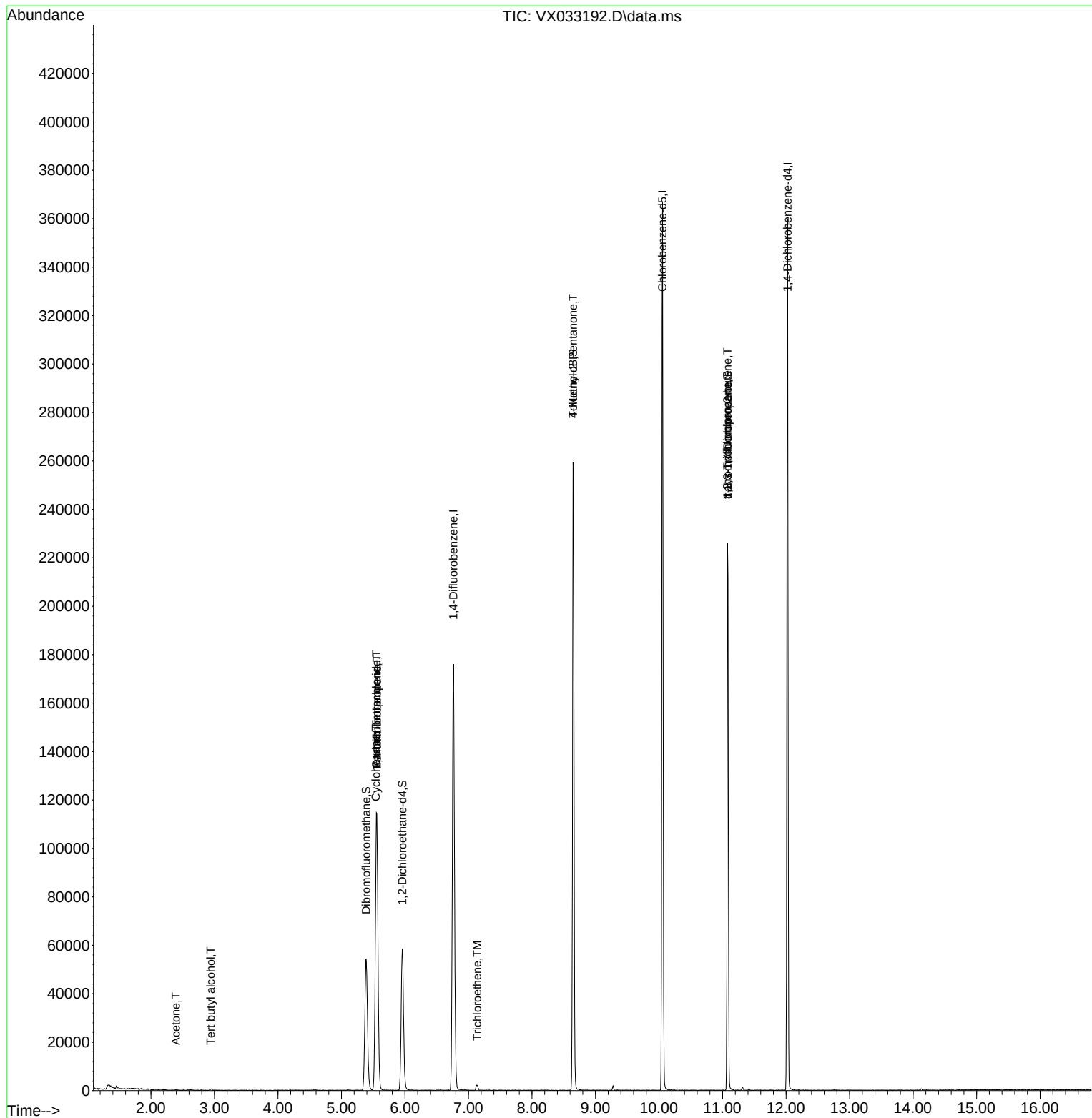
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.941	59	341	2.023	ug/l #	72
16) Acetone	2.392	43	466	0.938	ug/l #	45
20) Methylene Chloride	2.794	84	50	Below Cal	#	60
31) Cyclohexane	5.544	56	2458	1.427	ug/l #	39
36) 1,1-Dichloropropene	5.556	75	8697	5.432	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11236	6.326	ug/l #	15
44) Trichloroethene	7.135	130	1121	0.890	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	710	0.498	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31980	22.863	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31980	74.316	ug/l #	6

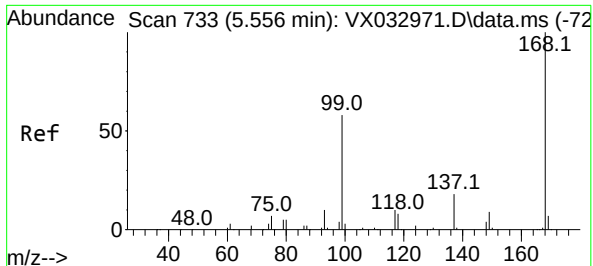
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
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ClientSampleId :
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Quant Time: Dec 03 04:34:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

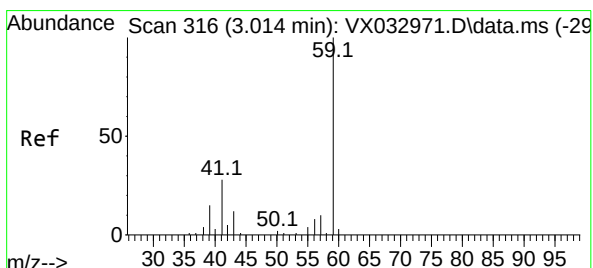
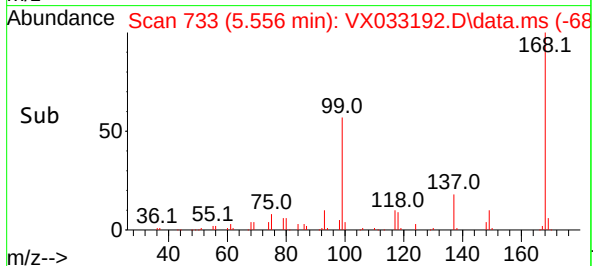
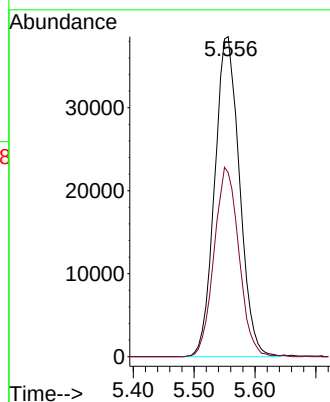
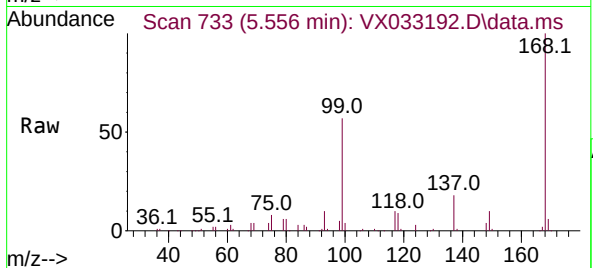




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

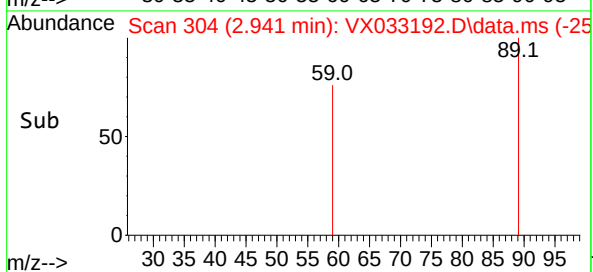
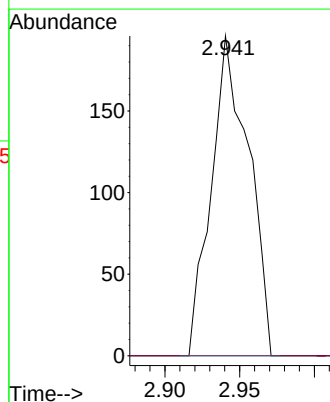
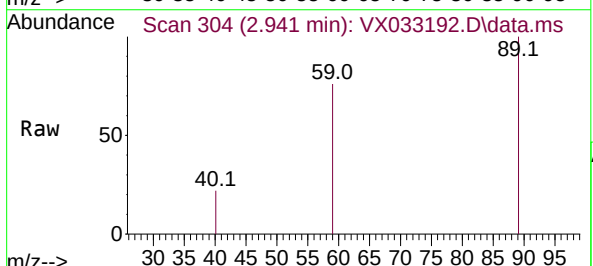
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

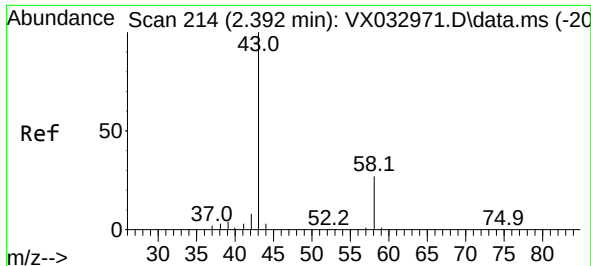
Tgt Ion:168 Resp: 109195
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.023 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.938 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033192.D

Acq: 02 Dec 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

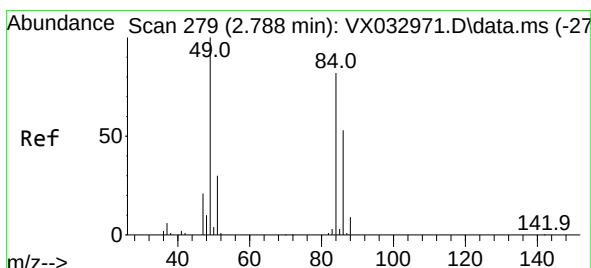
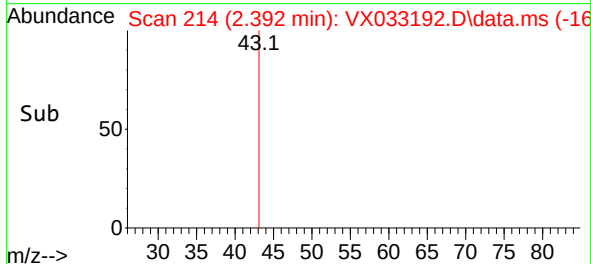
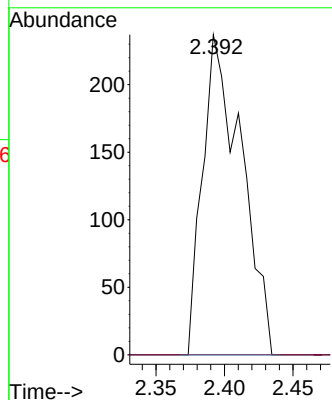
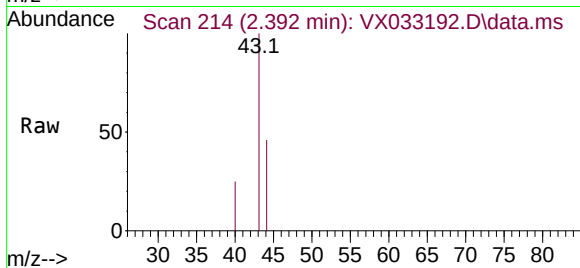
LEA-11D

Tgt Ion: 43 Resp: 466

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033192.D

Acq: 02 Dec 2022 17:44

Tgt Ion: 84 Resp: 50

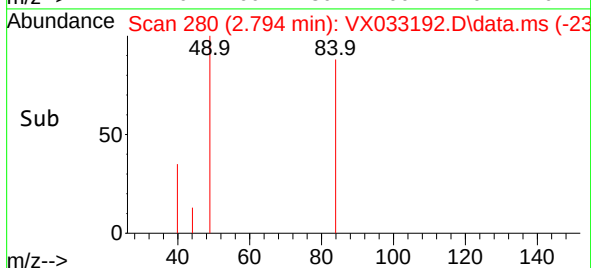
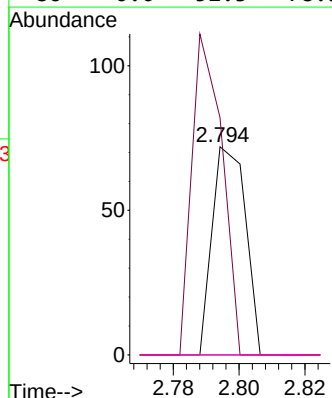
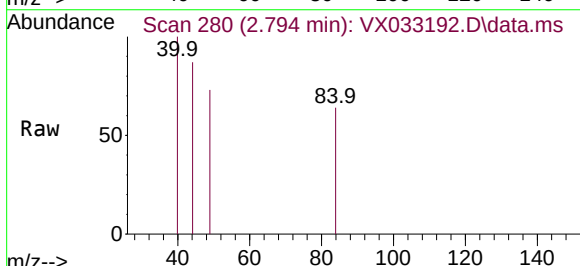
Ion Ratio Lower Upper

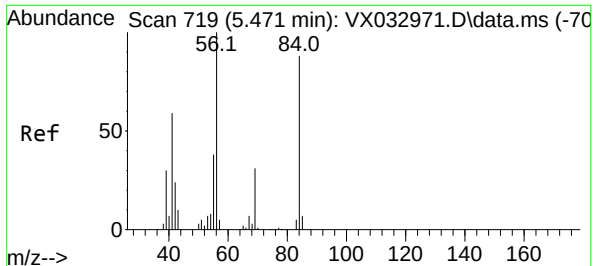
84 100

49 113.9 101.0 151.6

51 0.0 31.1 46.7#

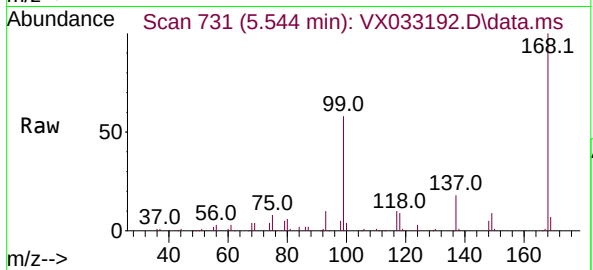
86 0.0 52.3 78.5#



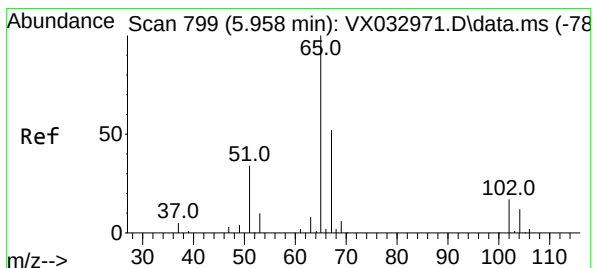
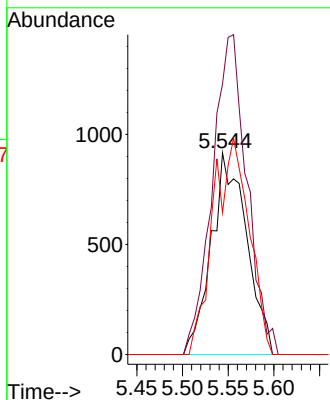
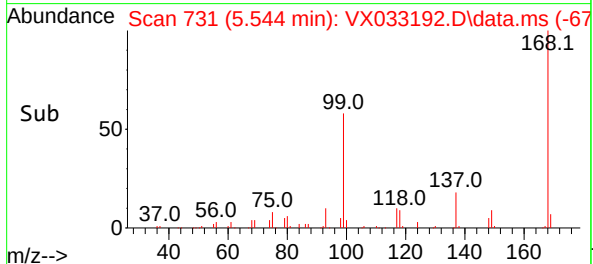


#31
Cyclohexane
Concen: 1.427 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

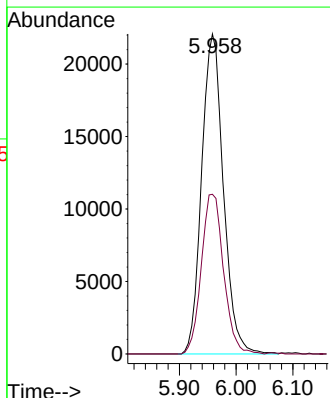
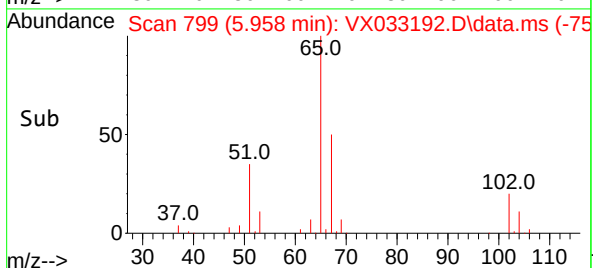
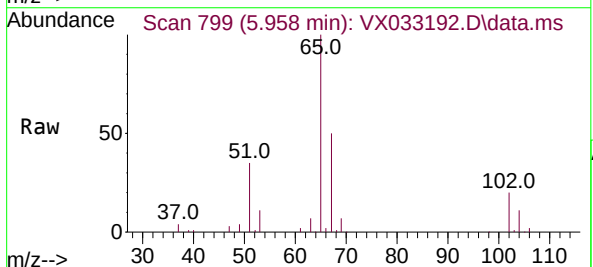


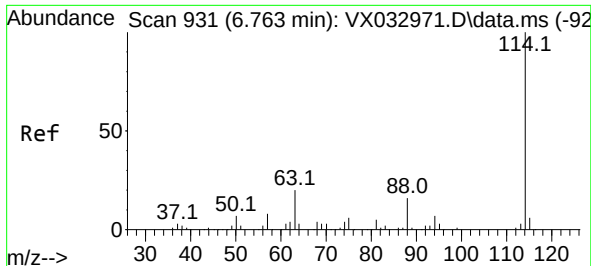
Tgt Ion: 56 Resp: 2458
Ion Ratio Lower Upper
56 100
69 134.0 24.1 36.1#
84 70.3 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 55.428 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

Tgt Ion: 65 Resp: 58779
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

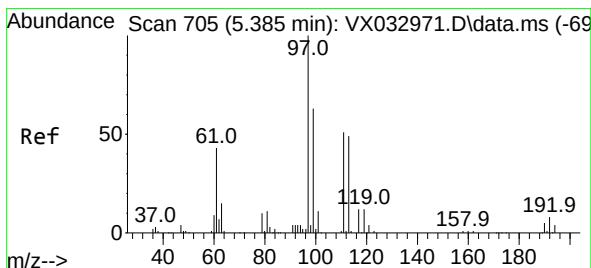
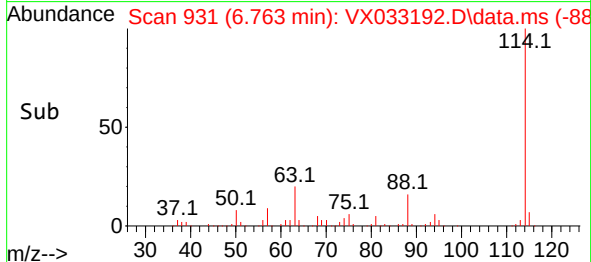
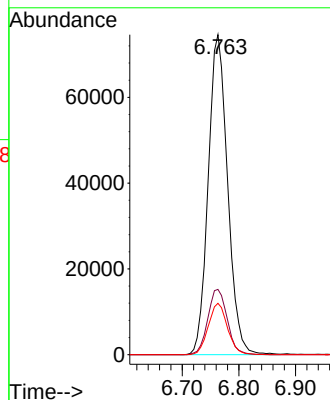
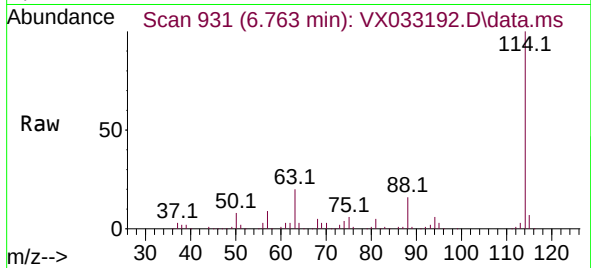




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

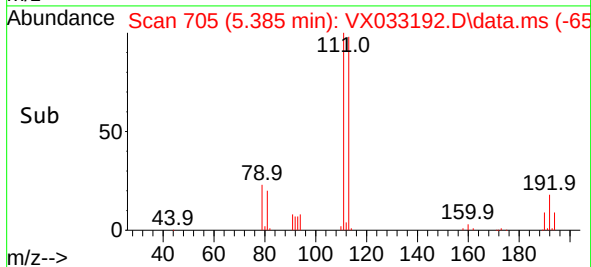
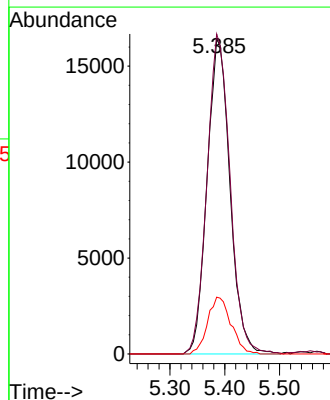
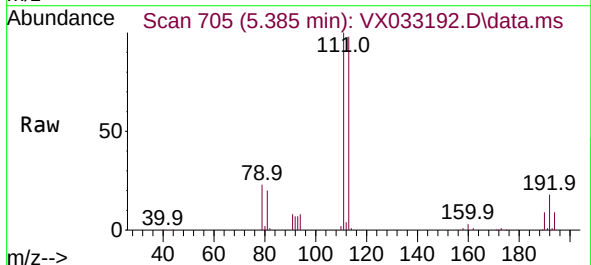
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

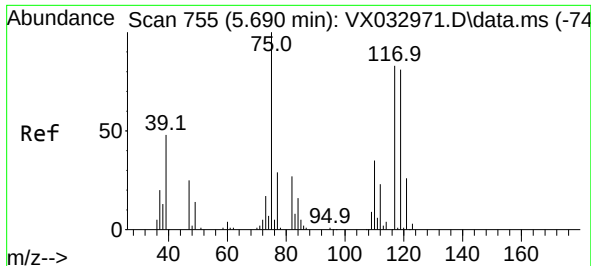
Tgt Ion:114 Resp: 177612
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.6
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.396 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

Tgt Ion:113 Resp: 47458
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 18.5 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.432 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033192.D

Acq: 02 Dec 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

LEA-11D

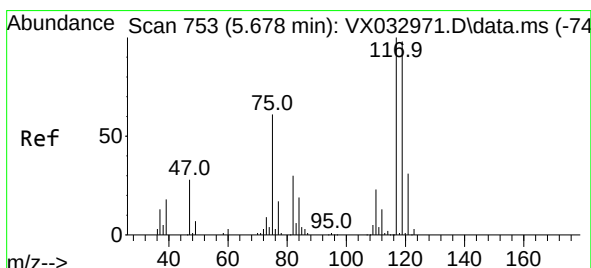
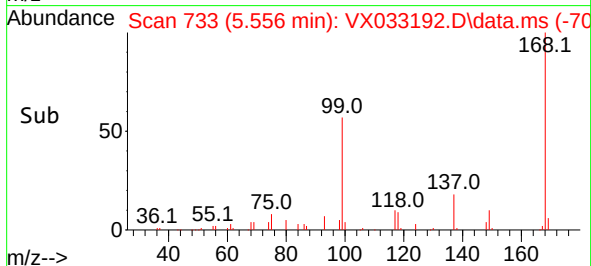
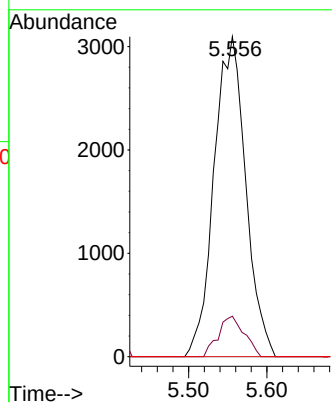
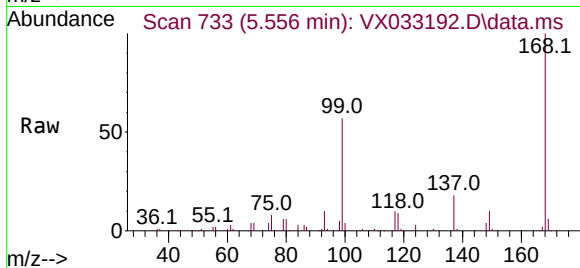
Tgt Ion: 75 Resp: 8697

Ion Ratio Lower Upper

75 100

110 10.4 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.326 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033192.D

Acq: 02 Dec 2022 17:44

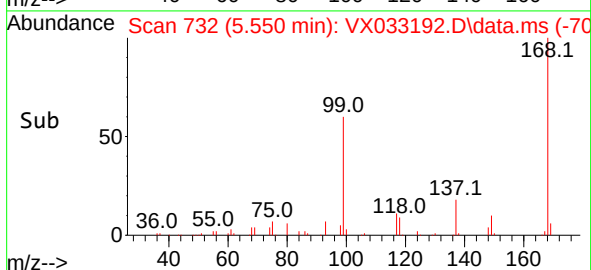
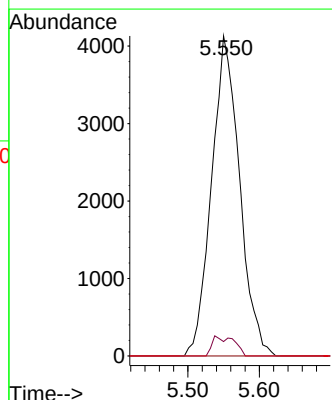
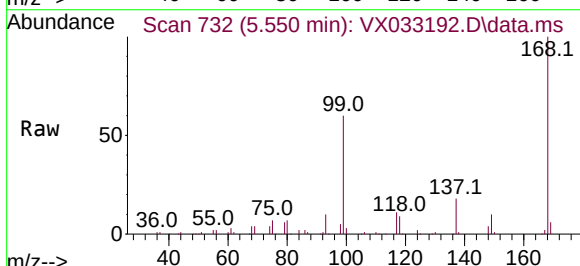
Tgt Ion: 117 Resp: 11236

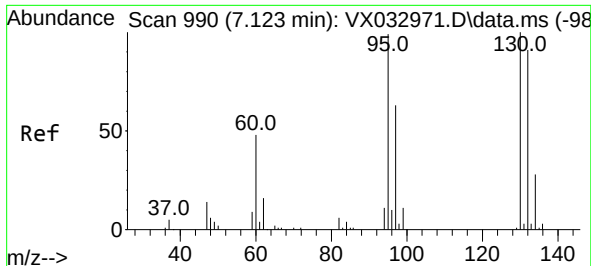
Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

121 0.0 25.8 38.6#

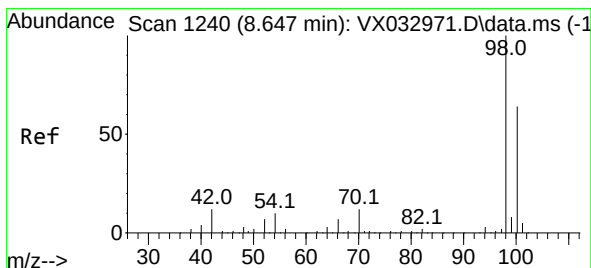
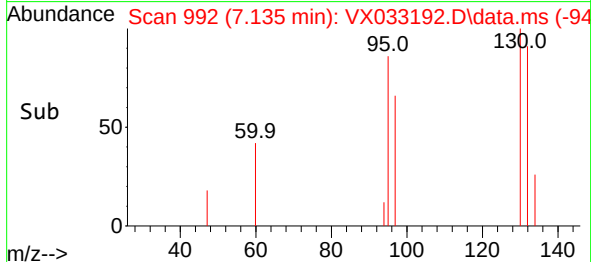
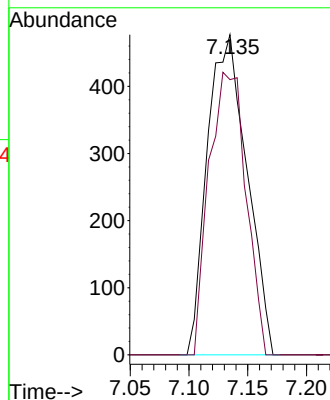
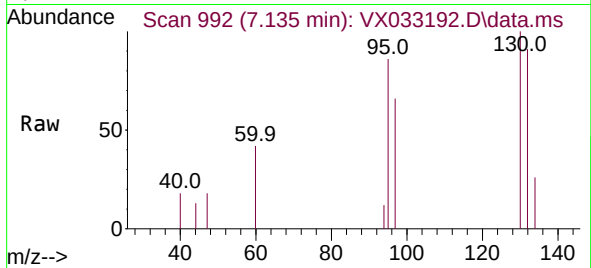




#44
Trichloroethene
Concen: 0.890 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

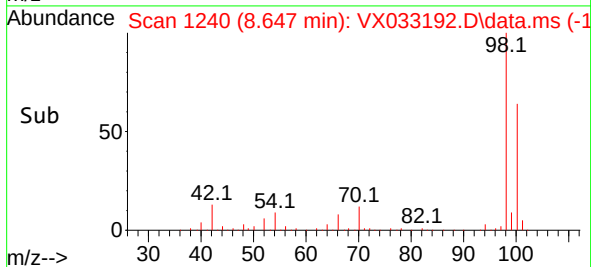
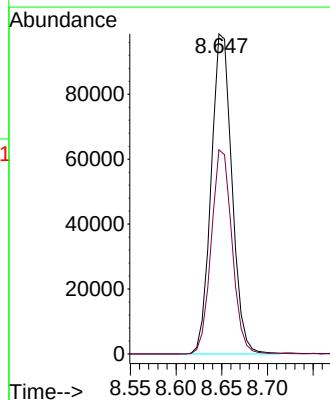
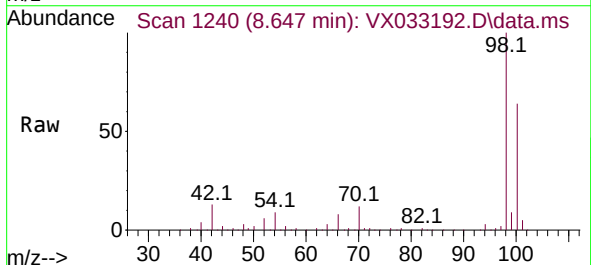
Instrument :
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ClientSampleId :
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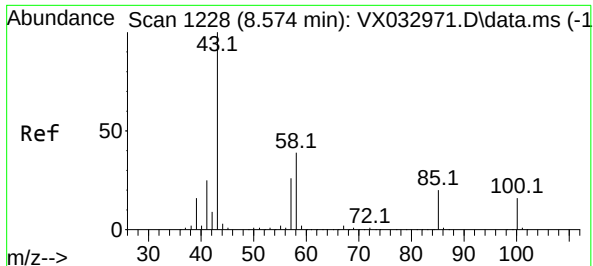
Tgt Ion:130 Resp: 1121
Ion Ratio Lower Upper
130 100
95 86.0 0.0 195.2



#50
Toluene-d8
Concen: 51.806 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

Tgt Ion: 98 Resp: 155843
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.498 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033192.D

Acq: 02 Dec 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

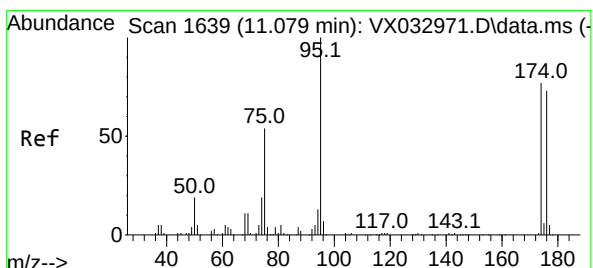
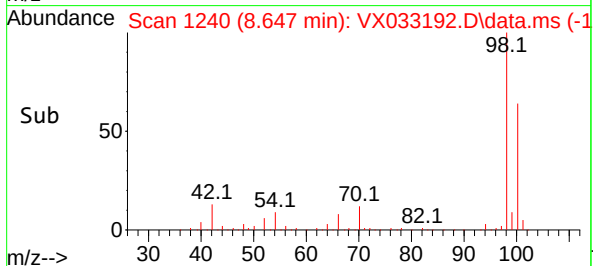
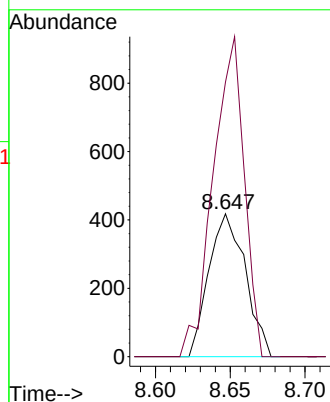
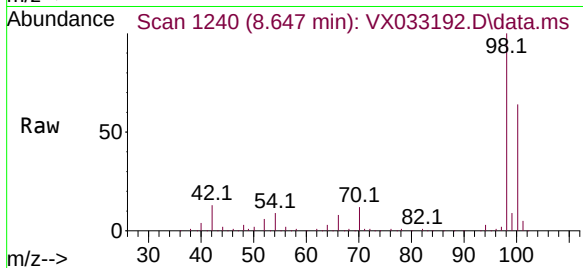
LEA-11D

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

58 190.3 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 44.878 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033192.D

Acq: 02 Dec 2022 17:44

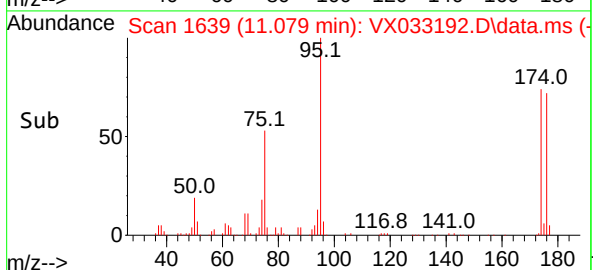
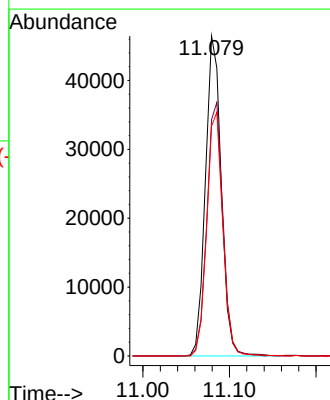
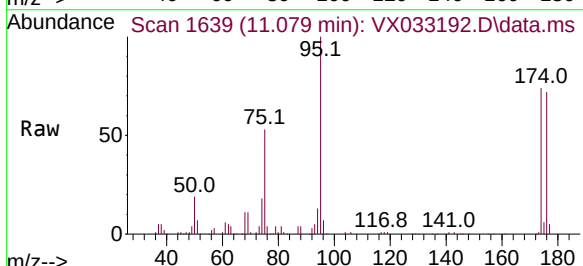
Tgt Ion: 95 Resp: 59029

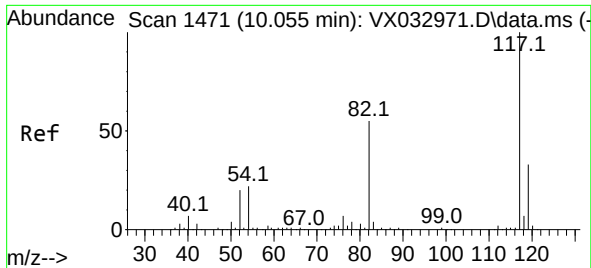
Ion Ratio Lower Upper

95 100

174 80.5 0.0 164.0

176 77.0 0.0 154.4

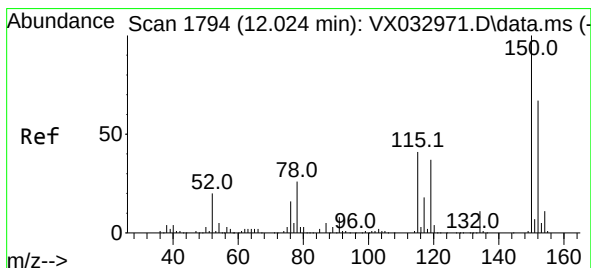
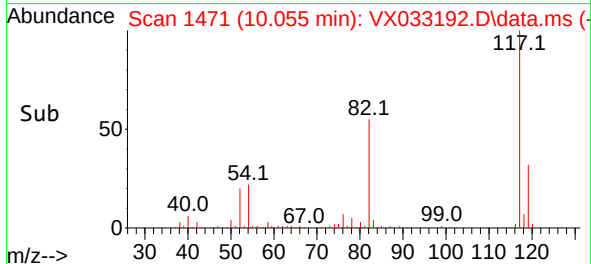
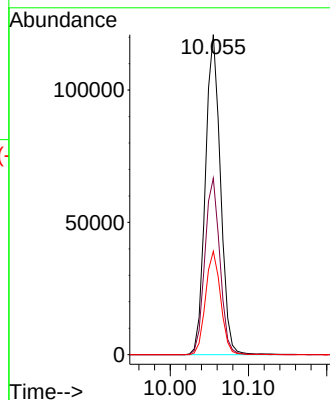
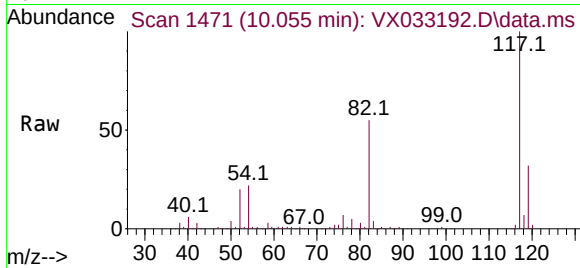




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

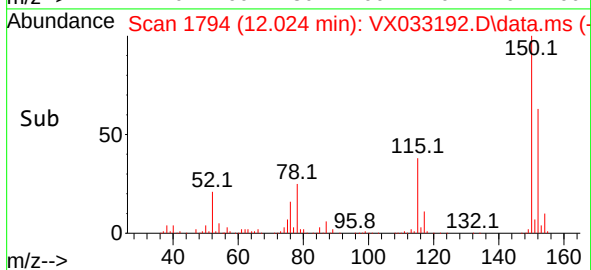
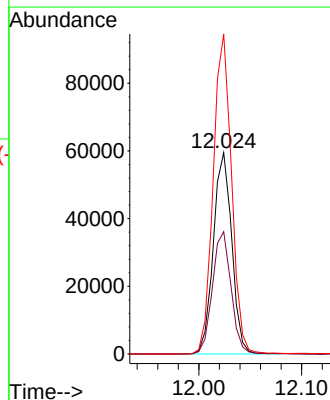
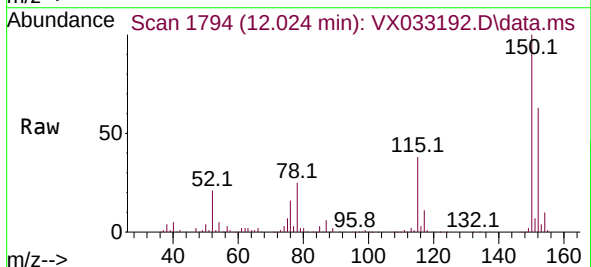
Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

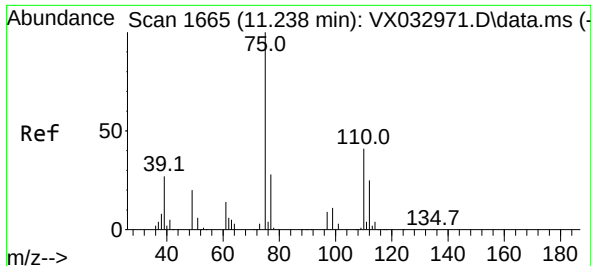
Tgt Ion:117 Resp: 161558
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

Tgt Ion:152 Resp: 73858
Ion Ratio Lower Upper
152 100
115 61.5 44.0 132.0
150 158.2 0.0 351.8

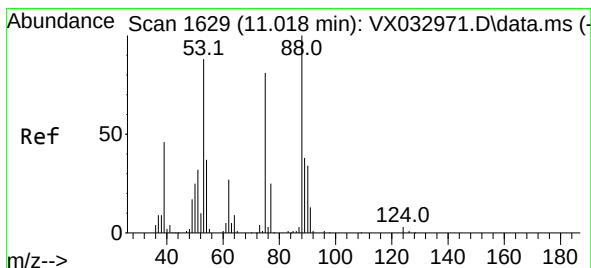
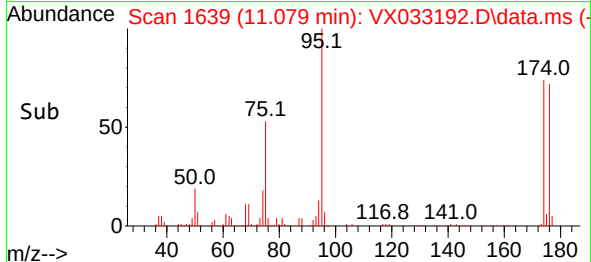
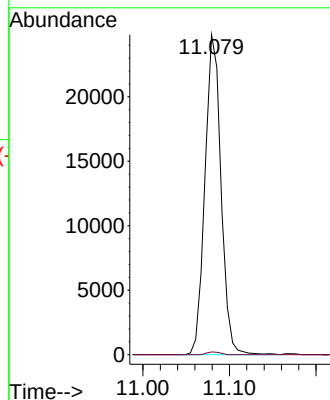
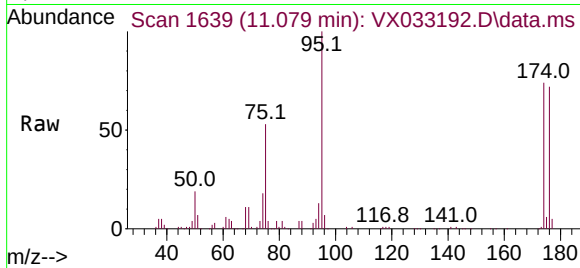




#76
1,2,3-Trichloropropane
Concen: 22.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :
LEA-11D

Tgt Ion: 75 Resp: 31980
Ion Ratio Lower Upper
75 100
77 0.7 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033192.D
Acq: 02 Dec 2022 17:44

Tgt Ion: 75 Resp: 31980
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

