

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033195.D
 Acq On : 02 Dec 2022 18:53
 Operator : JC/MD
 Sample : N5841-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-6I

Quant Time: Dec 03 04:35:44 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)

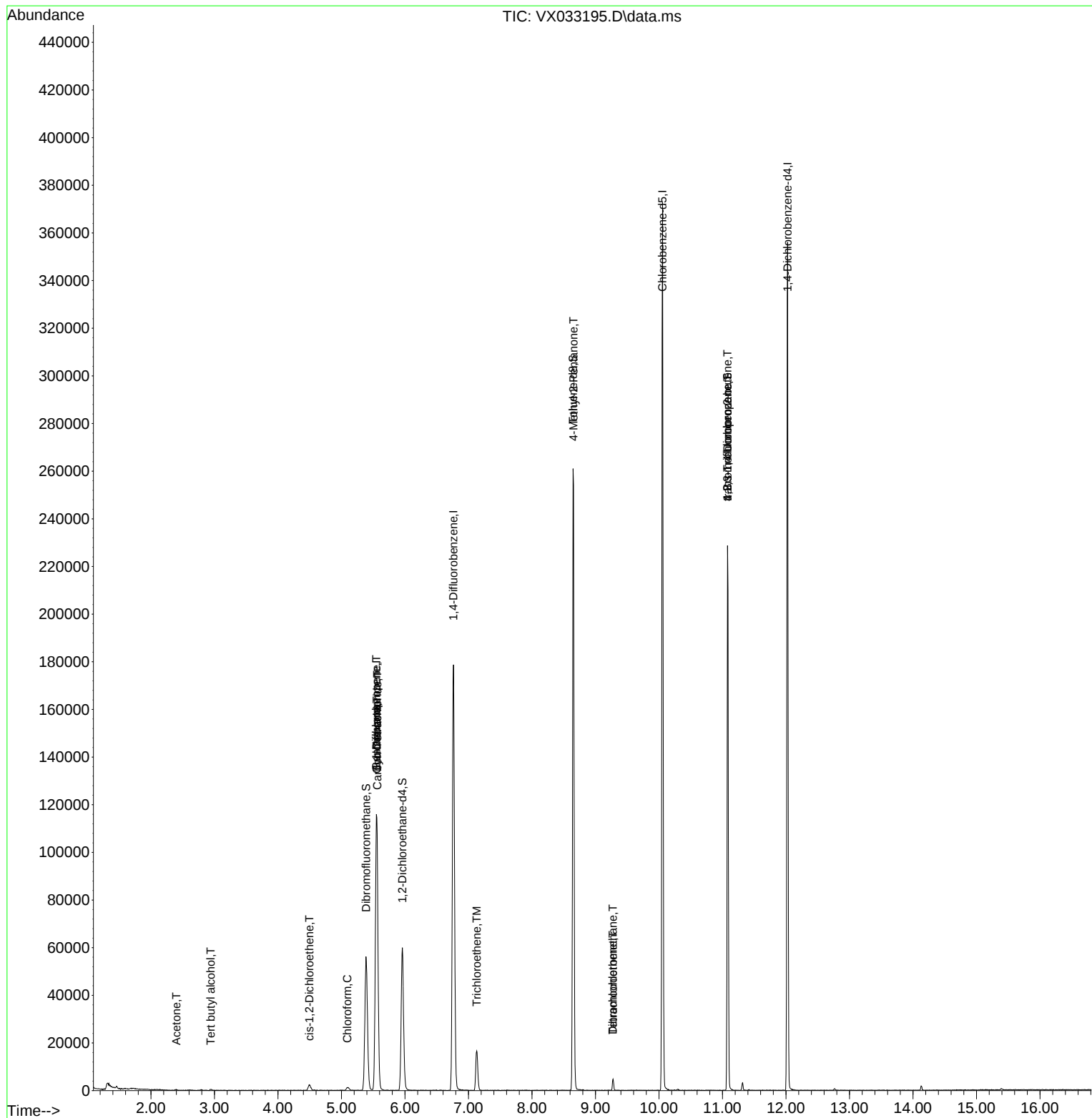
Internal Standards						
1) Pentafluorobenzene	5.550	168	111156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60083	55.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.340%
35) Dibromofluoromethane	5.385	113	48660	47.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	8.647	98	158395	51.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.460%
62) 4-Bromofluorobenzene	11.079	95	58576	43.753	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.500%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.941	59	229	1.335	ug/l #	72
16) Acetone	2.398	43	499	0.987	ug/l #	84
20) Methylene Chloride	2.788	84	131	Below Cal	#	84
27) cis-1,2-Dichloroethene	4.495	96	1644	1.304	ug/l	91
30) Chloroform	5.093	83	1755	0.803	ug/l	97
31) Cyclohexane	5.556	56	2359	1.345	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	8578	5.264	ug/l #	50
38) Carbon Tetrachloride	5.562	117	11786	6.520	ug/l #	17
44) Trichloroethene	7.129	130	6853	5.345	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	659	0.454	ug/l #	1
60) Dibromochloromethane	9.275	129	268	0.203	ug/l #	11
64) Tetrachloroethene	9.275	164	379	0.330	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	32170	23.154	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32170	75.262	ug/l #	6

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

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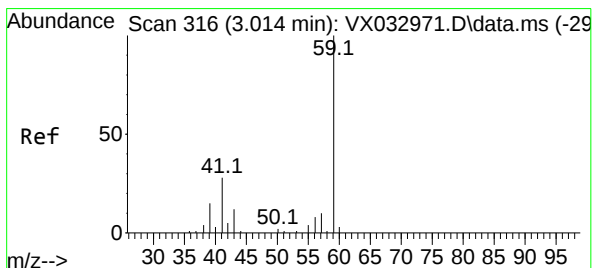
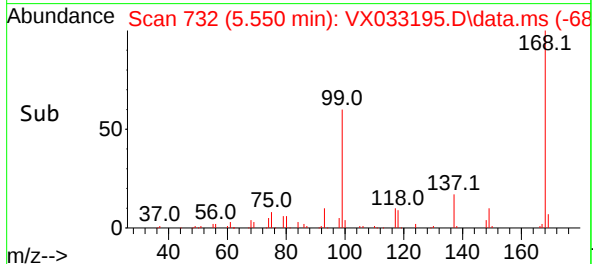
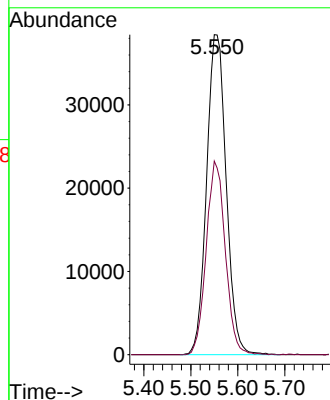
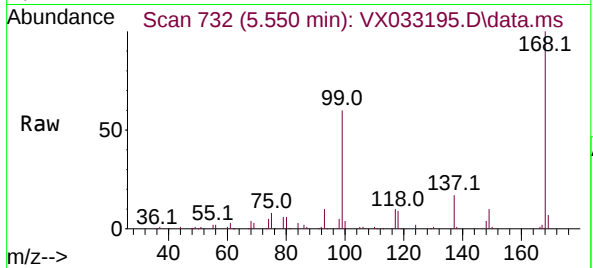




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

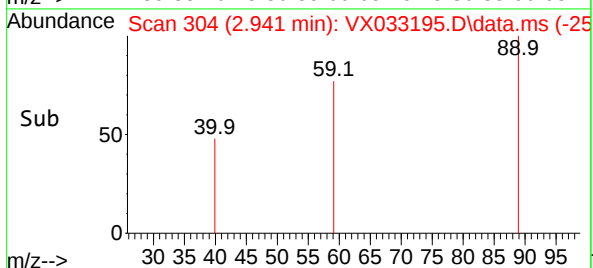
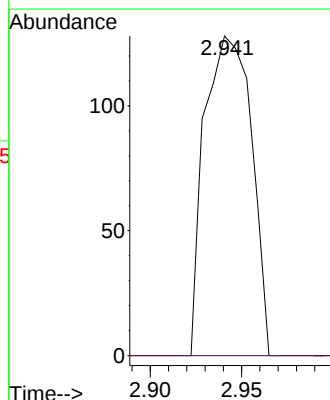
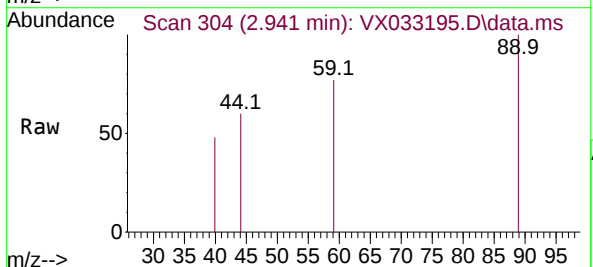
Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

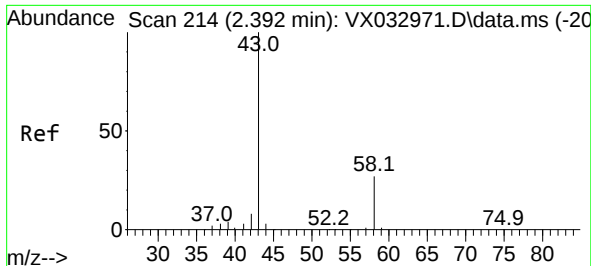
Tgt Ion:168 Resp: 111156
Ion Ratio Lower Upper
168 100
99 60.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.335 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

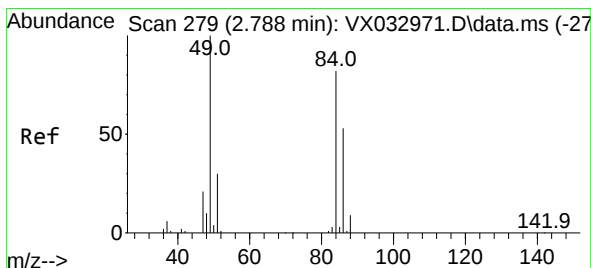
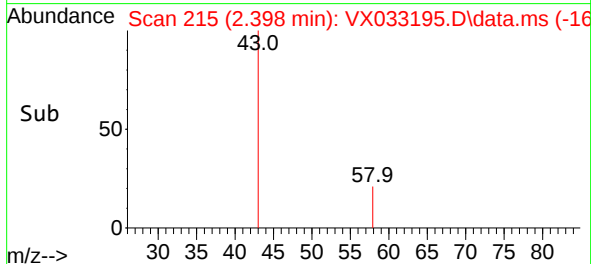
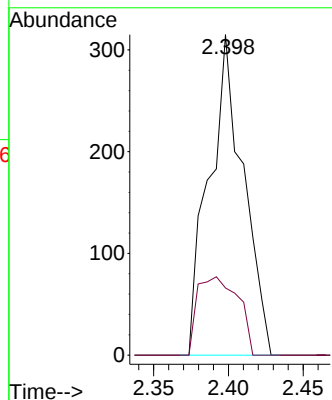
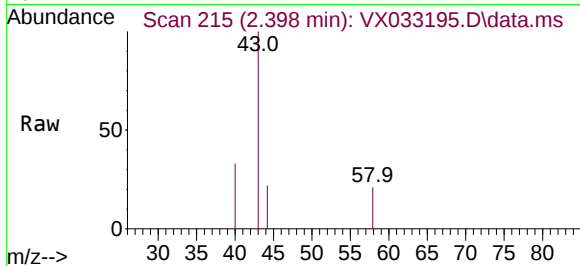




#16
Acetone
Concen: 0.987 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

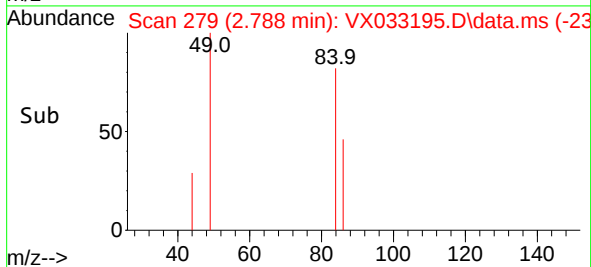
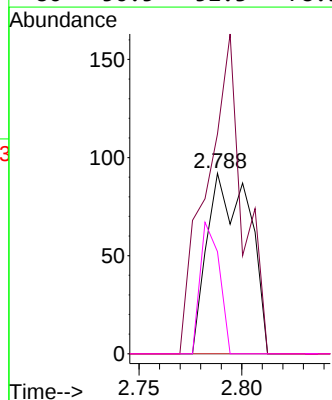
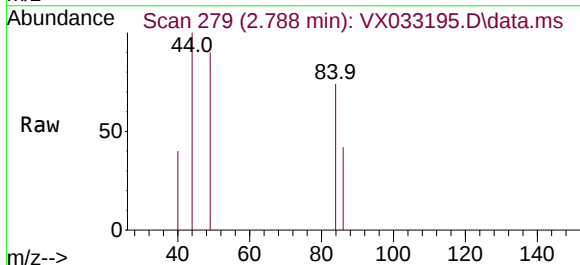
Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

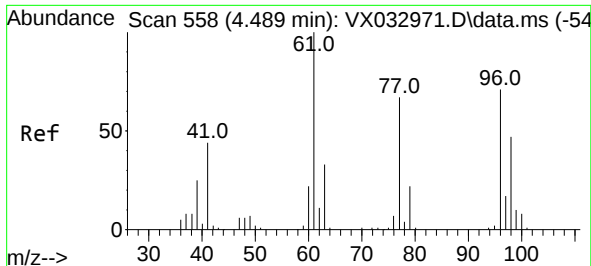
Tgt Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
58 21.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 84 Resp: 131
Ion Ratio Lower Upper
84 100
49 121.7 101.0 151.6
51 0.0 31.1 46.7#
86 56.5 52.3 78.5





#27

cis-1,2-Dichloroethene

Concen: 1.304 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX033195.D

Acq: 02 Dec 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

LEA-6I

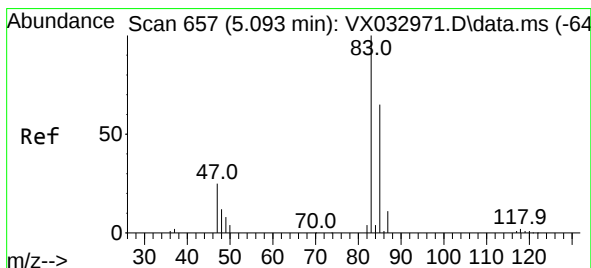
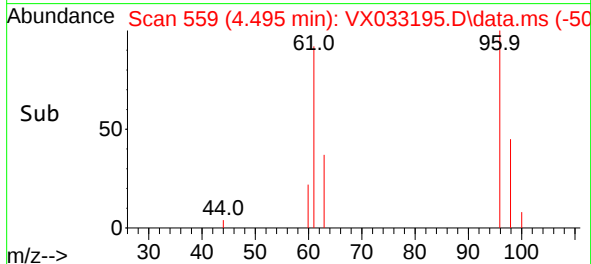
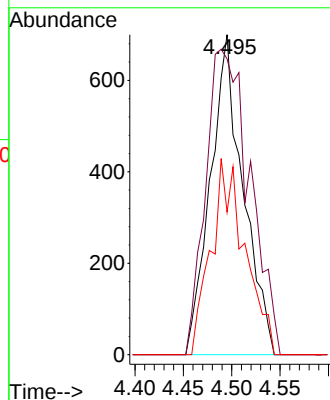
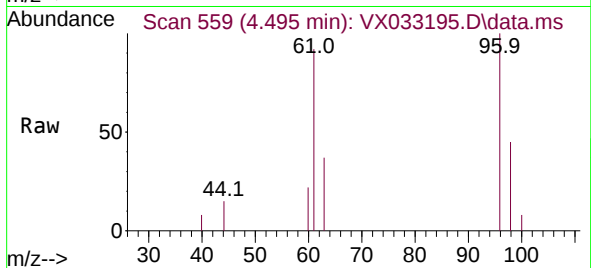
Tgt Ion: 96 Resp: 1644

Ion Ratio Lower Upper

96 100

61 128.7 0.0 286.0

98 63.3 0.0 129.6



#30

Chloroform

Concen: 0.803 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033195.D

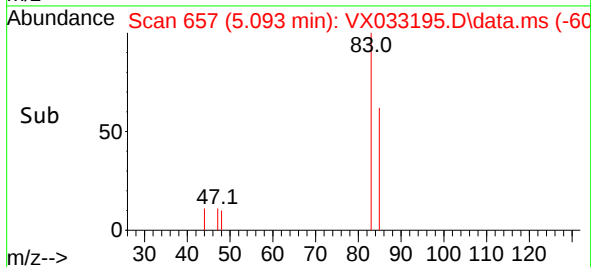
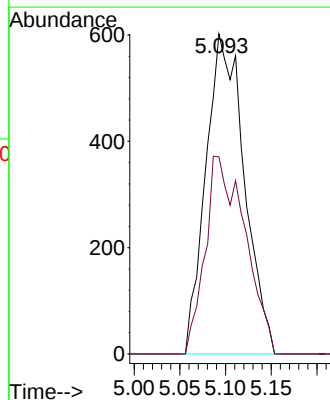
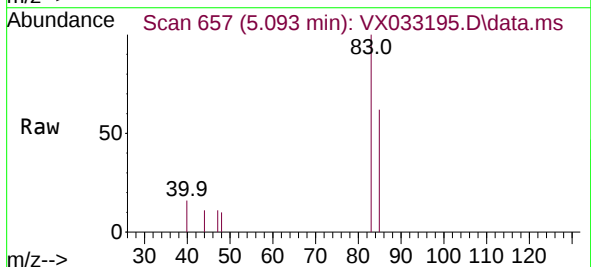
Acq: 02 Dec 2022 18:53

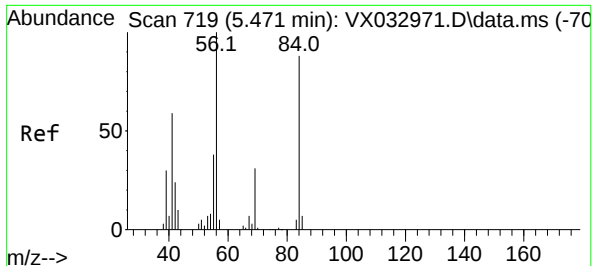
Tgt Ion: 83 Resp: 1755

Ion Ratio Lower Upper

83 100

85 61.6 51.1 76.7

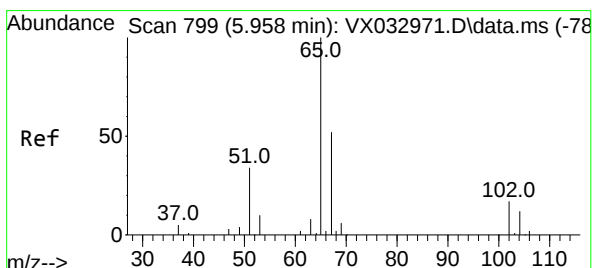
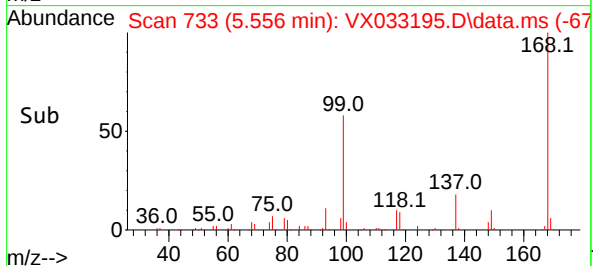
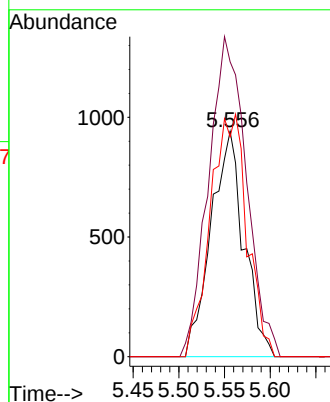
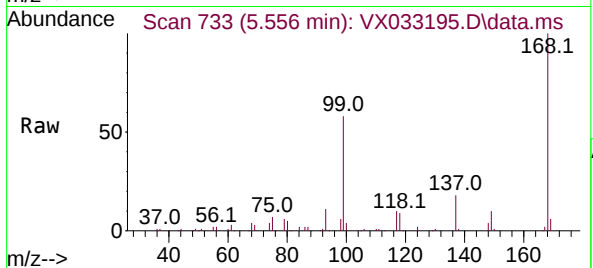




#31
Cyclohexane
Concen: 1.345 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

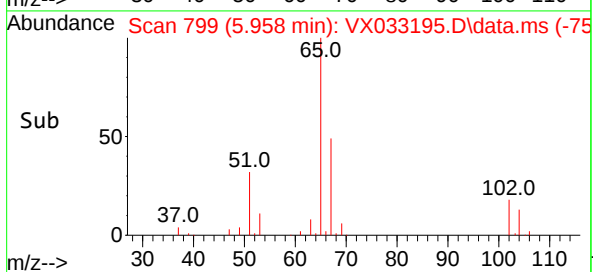
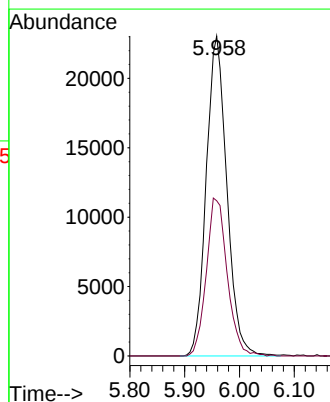
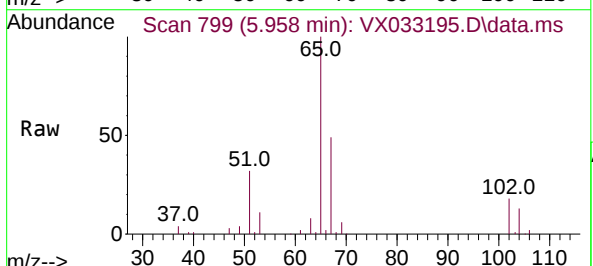
Instrument :
MSVOA_X
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LEA-6I

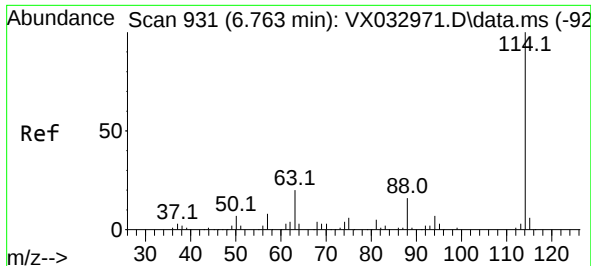
Tgt Ion: 56 Resp: 2359
Ion Ratio Lower Upper
56 100
69 130.9 24.1 36.1#
84 97.7 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 55.672 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 65 Resp: 60083
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

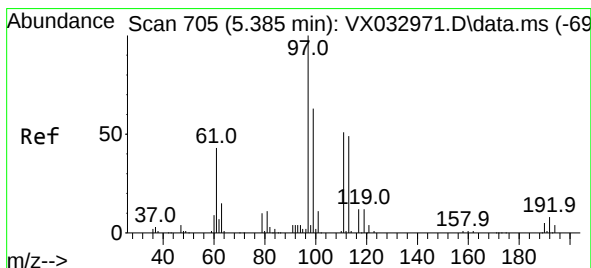
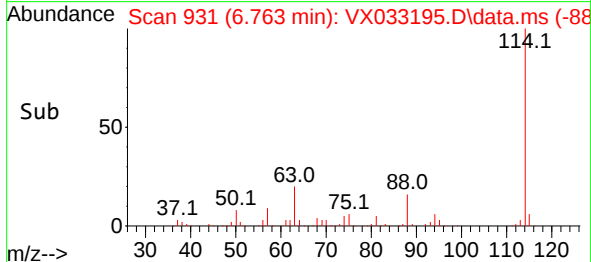
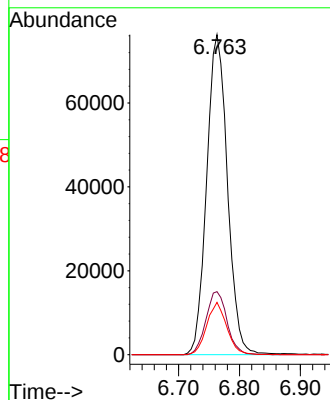
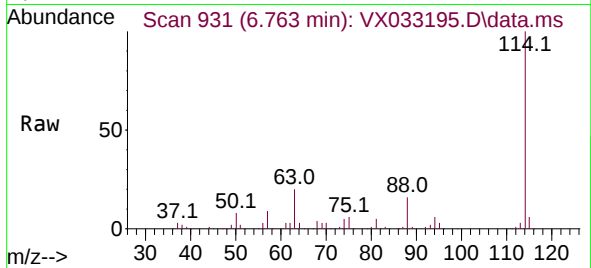




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

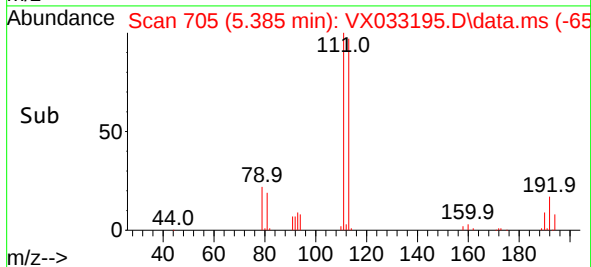
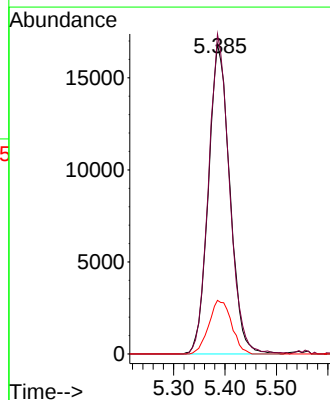
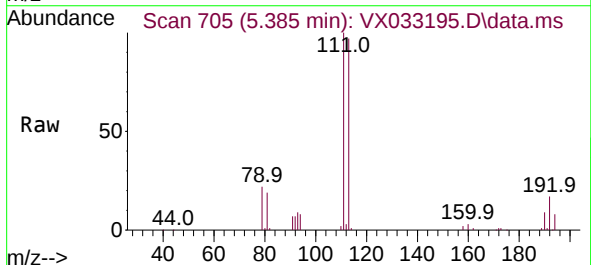
Instrument :
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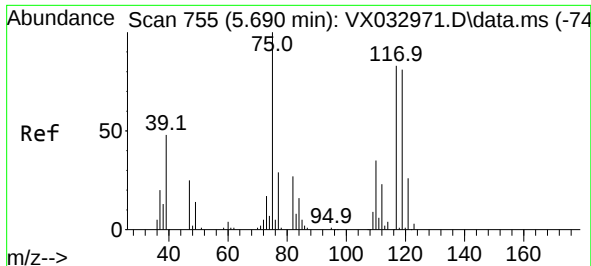
Tgt Ion:114 Resp: 180781
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.744 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Tgt Ion:113 Resp: 48660
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 18.3 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.264 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033195.D

Acq: 02 Dec 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

LEA-6I

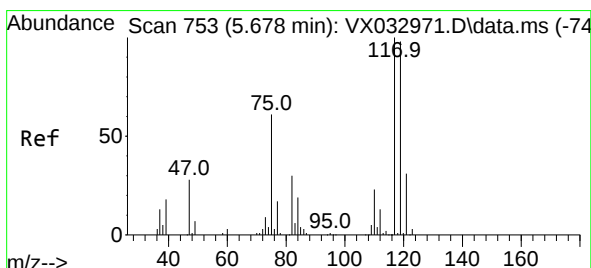
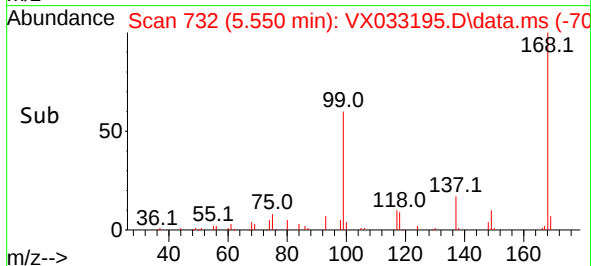
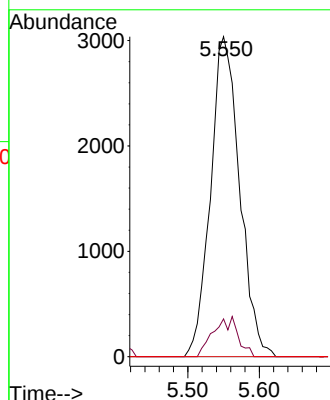
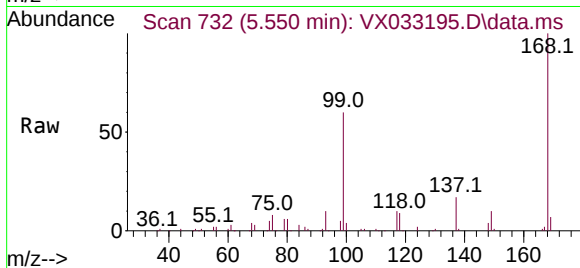
Tgt Ion: 75 Resp: 8578

Ion Ratio Lower Upper

75 100

110 10.5 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.520 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX033195.D

Acq: 02 Dec 2022 18:53

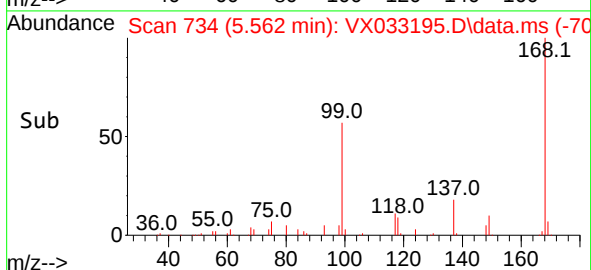
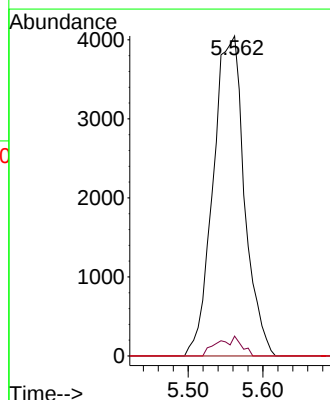
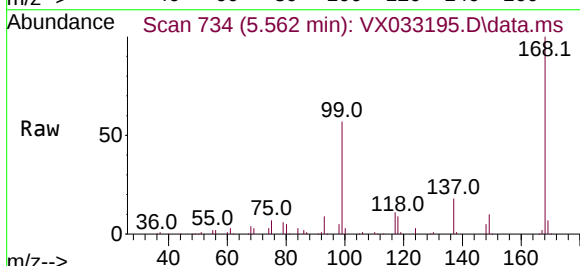
Tgt Ion: 117 Resp: 11786

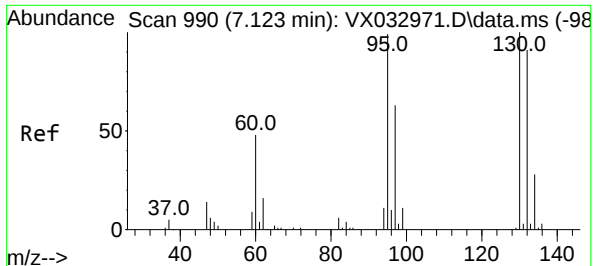
Ion Ratio Lower Upper

117 100

119 6.2 77.2 115.8#

121 0.0 25.8 38.6#

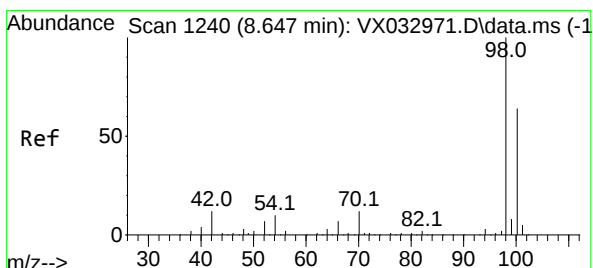
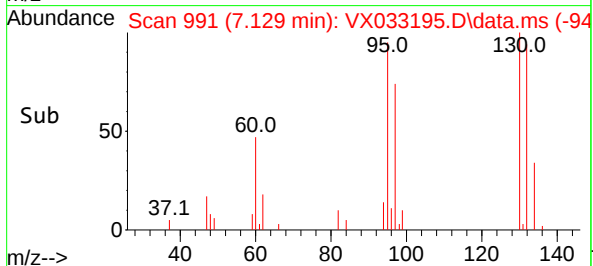
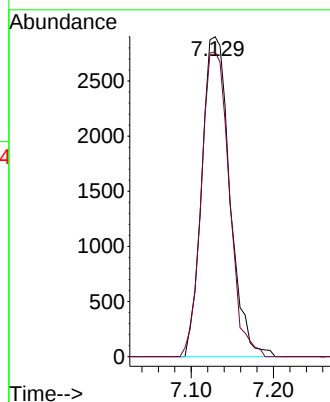
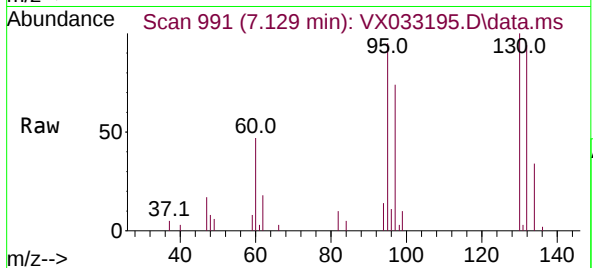




#44
Trichloroethene
Concen: 5.345 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

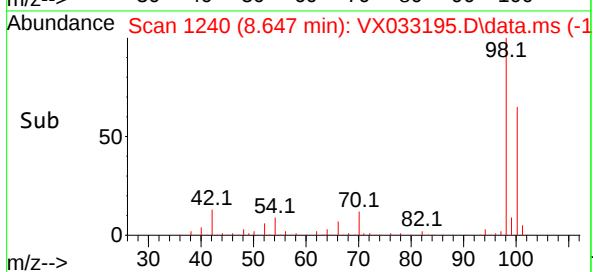
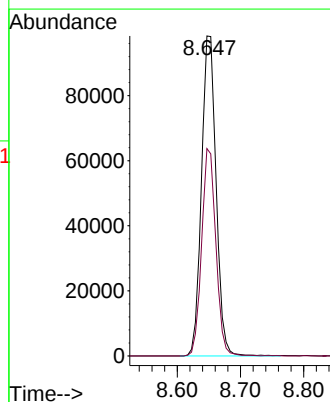
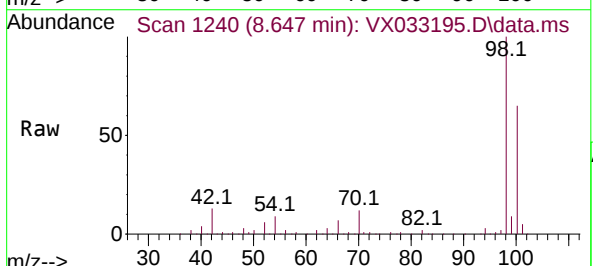
Instrument :
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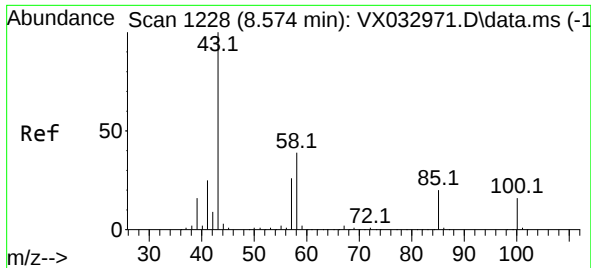
Tgt Ion:130 Resp: 6853
Ion Ratio Lower Upper
130 100
95 95.3 0.0 195.2



#50
Toluene-d8
Concen: 51.728 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 98 Resp: 158395
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

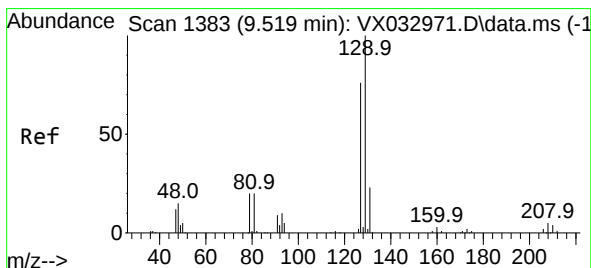
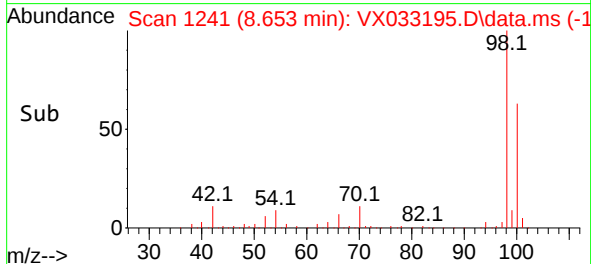
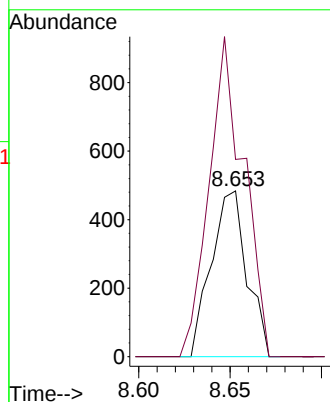
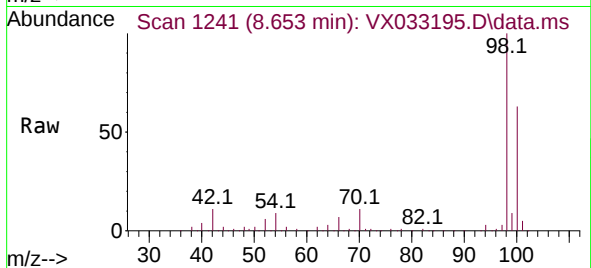




#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

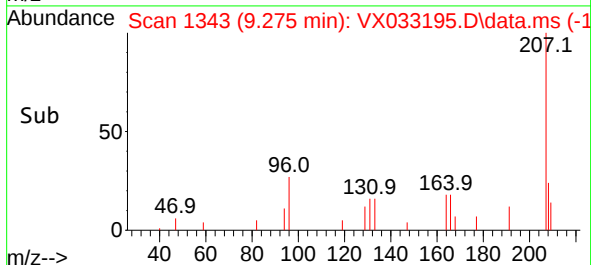
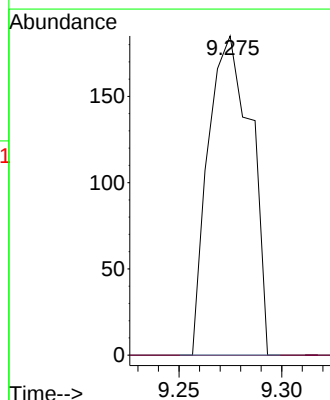
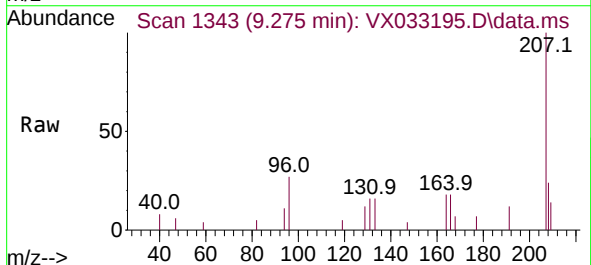
Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

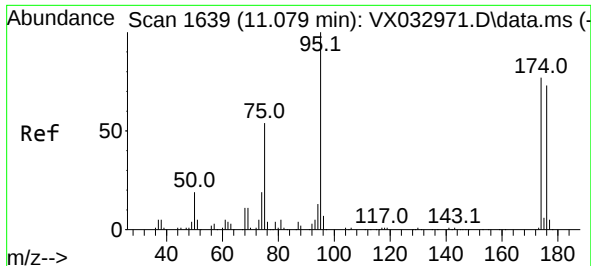
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 187.4 30.9 46.3#



#60
Dibromochloromethane
Concen: 0.203 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 129 Resp: 268
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

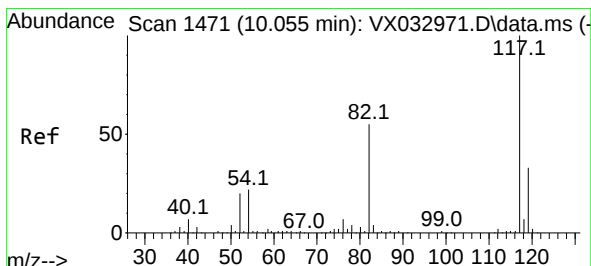
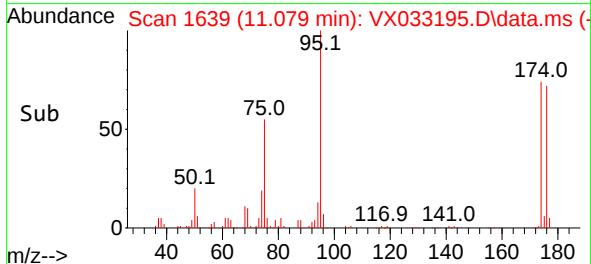
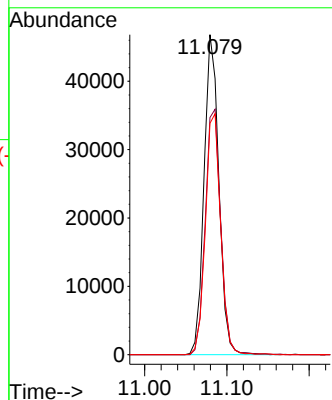
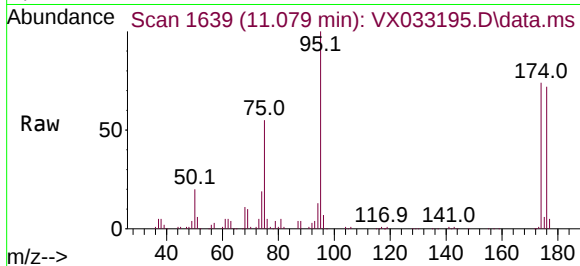




#62
4-Bromofluorobenzene
Concen: 43.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

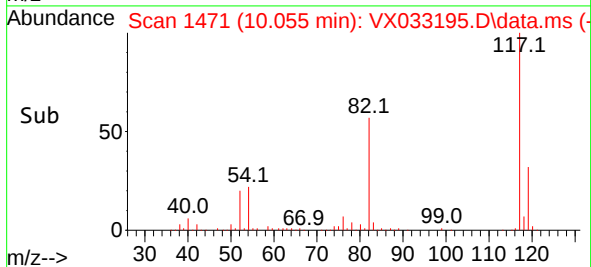
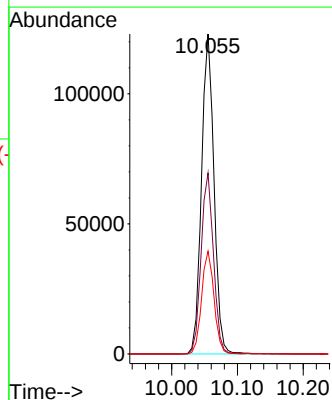
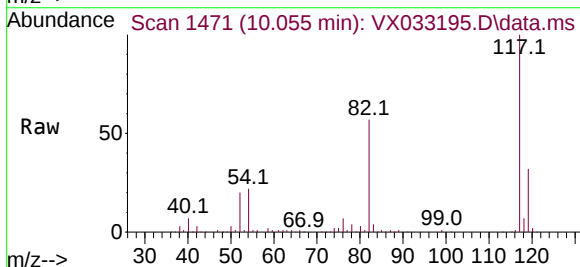
Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

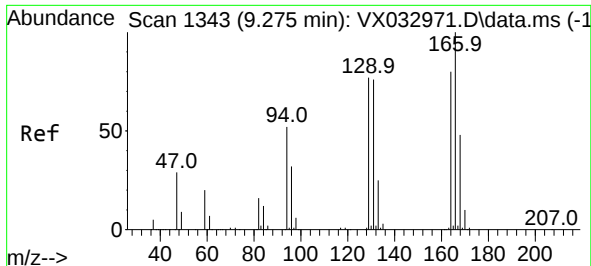
Tgt Ion: 95 Resp: 58576
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.0
176 77.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 117 Resp: 162326
Ion Ratio Lower Upper
117 100
82 56.6 44.3 66.5
119 32.1 25.7 38.5



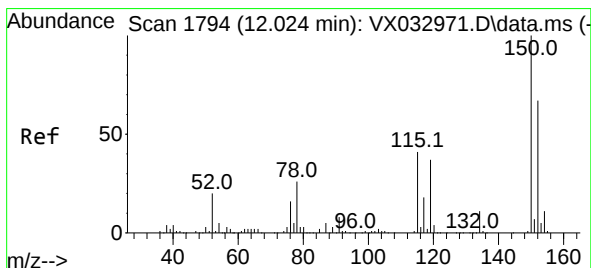
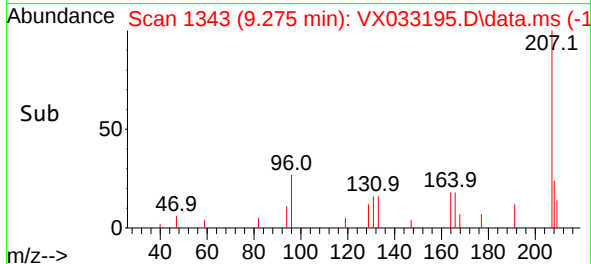
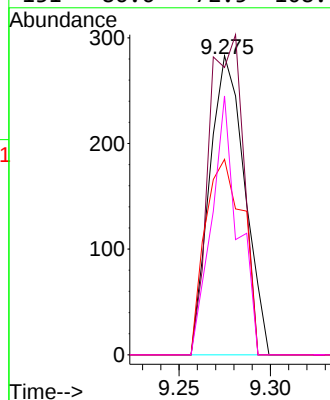
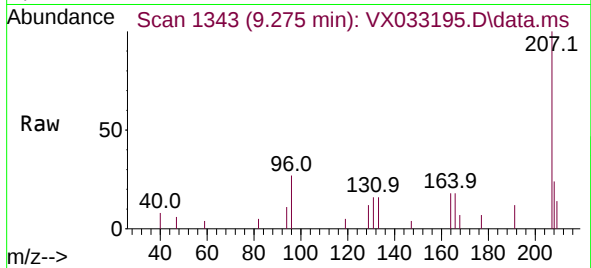


#64
Tetrachloroethene
Concen: 0.330 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

Tgt Ion:164 Resp: 379

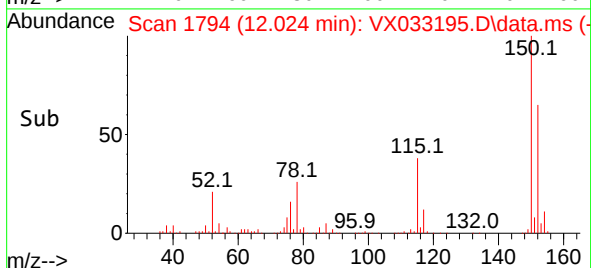
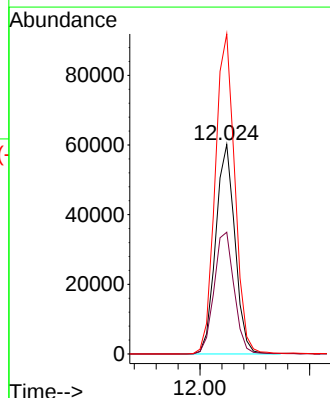
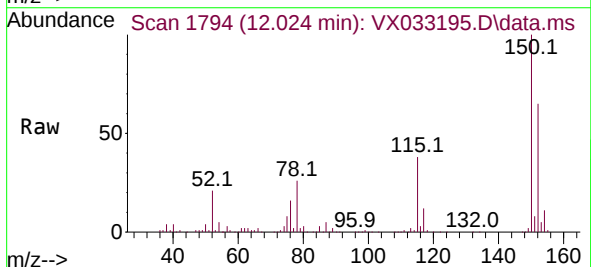
Ion	Ratio	Lower	Upper
164	100		
166	96.1	105.4	158.2#
129	65.4	78.2	117.2#
131	86.6	72.5	108.7

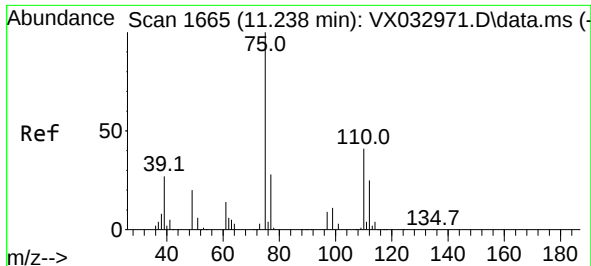


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Tgt Ion:152 Resp: 73363

Ion	Ratio	Lower	Upper
152	100		
115	60.7	44.0	132.0
150	156.1	0.0	351.8

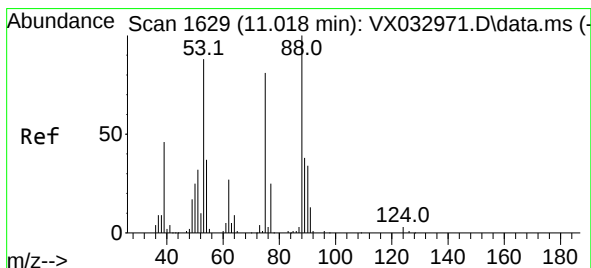
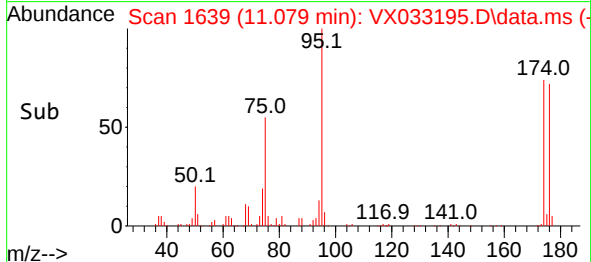
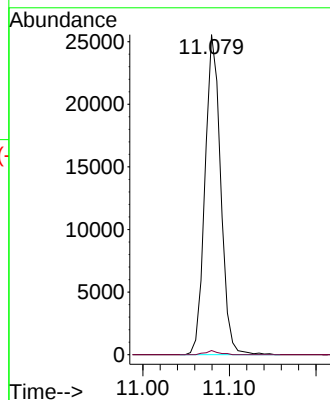
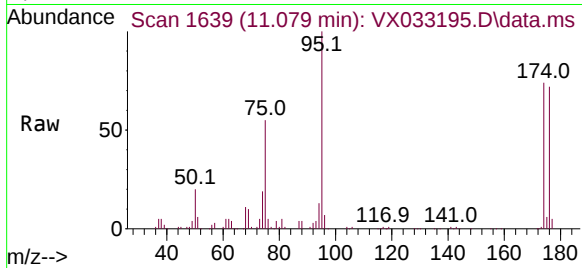




#76
1,2,3-Trichloropropane
Concen: 23.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

Tgt Ion: 75 Resp: 32170
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033195.D
Acq: 02 Dec 2022 18:53

Tgt Ion: 75 Resp: 32170
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

