

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033183.D
 Acq On : 02 Dec 2022 14:16
 Operator : JC/MD
 Sample : N5821-09DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-8IDL

Quant Time: Dec 03 04:32:34 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)

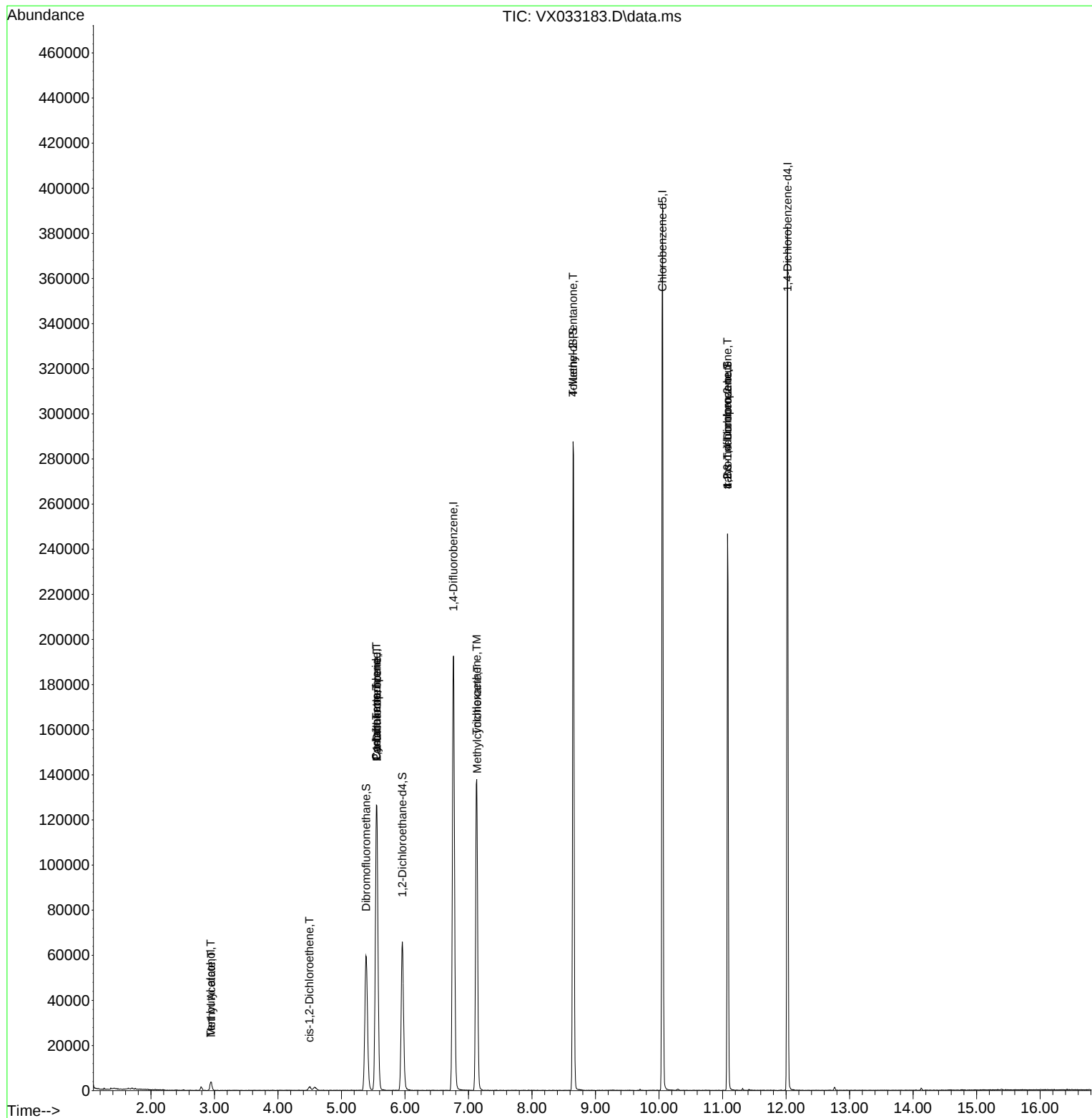
Internal Standards						
1) Pentafluorobenzene	5.556	168	121123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65775	55.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.900%			
35) Dibromofluoromethane	5.385	113	52799	47.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.540%			
50) Toluene-d8	8.647	98	172360	51.349	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.700%			
62) 4-Bromofluorobenzene	11.079	95	62857	42.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.680%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2287	12.231	ug/l #	72
18) Methyl Acetate	2.946	43	334	0.219	ug/l #	51
20) Methylene Chloride	2.788	84	788	Below Cal	#	80
27) cis-1,2-Dichloroethene	4.495	96	1106	0.805	ug/l	85
31) Cyclohexane	5.550	56	2611	1.366	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	9241	5.175	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12363	6.241	ug/l #	15
39) Methylcyclohexane	7.135	83	650	0.319	ug/l #	1
44) Trichloroethene	7.129	130	54441	38.748	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	769	0.484	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33936	22.810	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33936	74.143	ug/l #	6

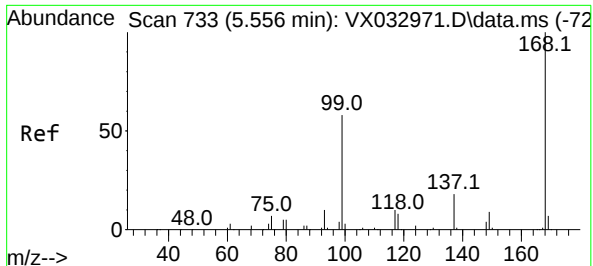
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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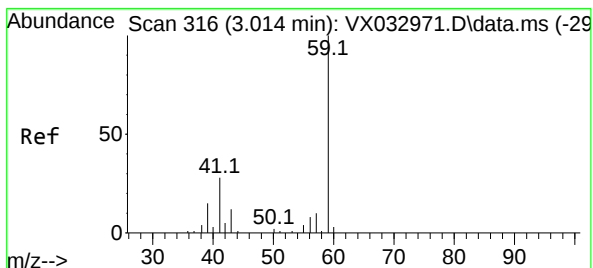
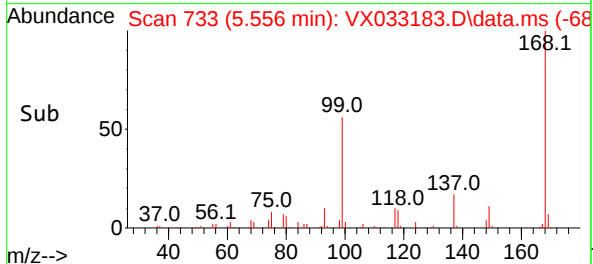
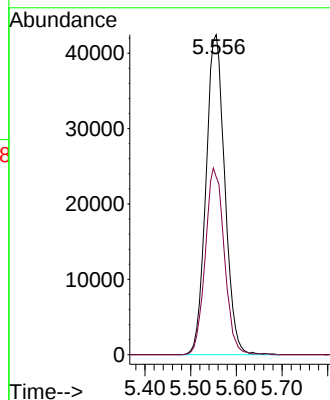
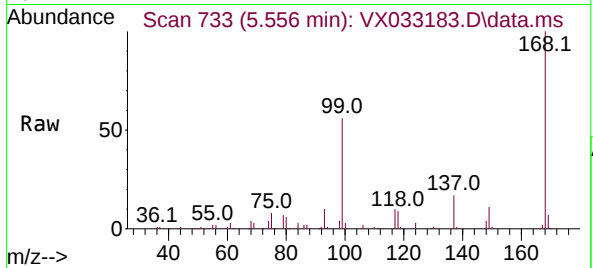




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

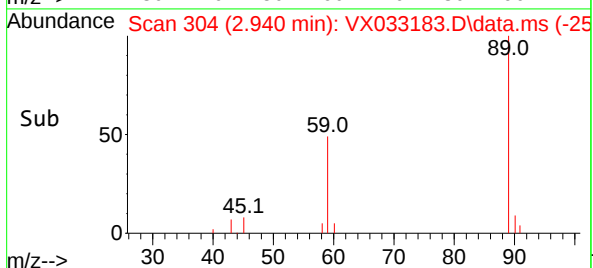
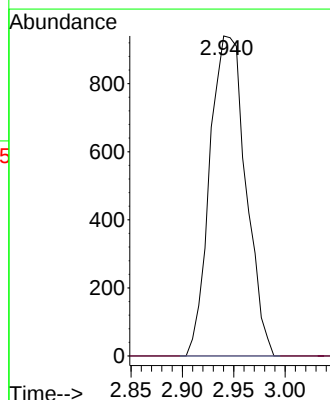
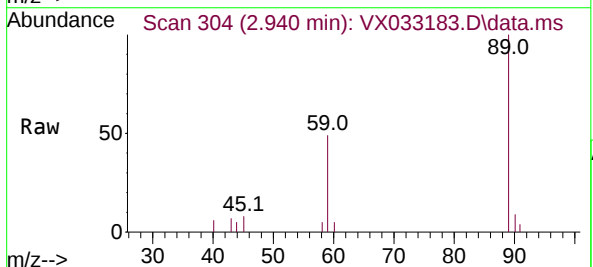
Instrument :
MSVOA_X
ClientSampleId :
LEA-8IDL

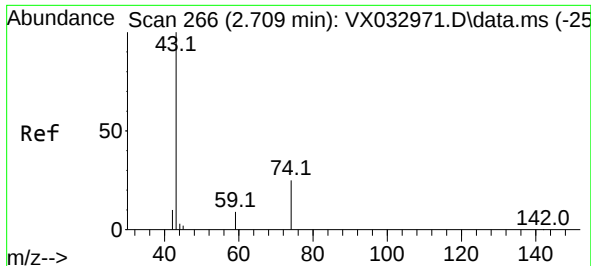
Tgt Ion:168 Resp: 121123
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 12.231 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

Tgt Ion: 59 Resp: 2287
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#18

Methyl Acetate

Concen: 0.219 ug/l

RT: 2.946 min Scan# 305

Delta R.T. 0.243 min

Lab File: VX033183.D

Acq: 02 Dec 2022 14:16

Instrument :

MSVOA_X

ClientSampleId :

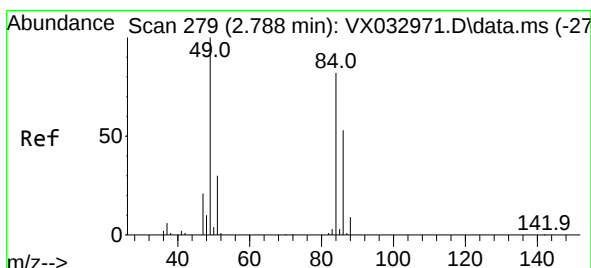
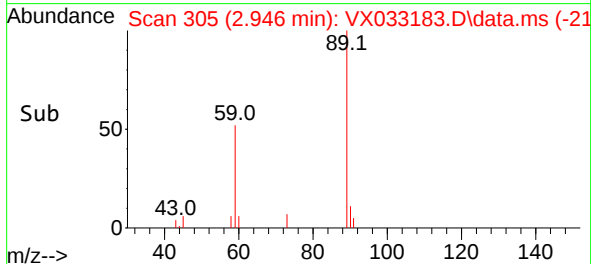
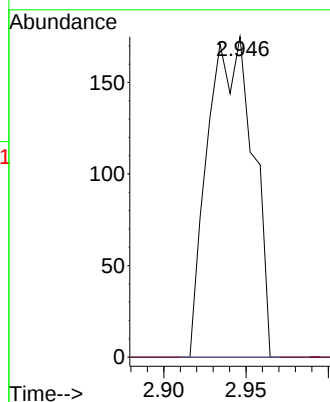
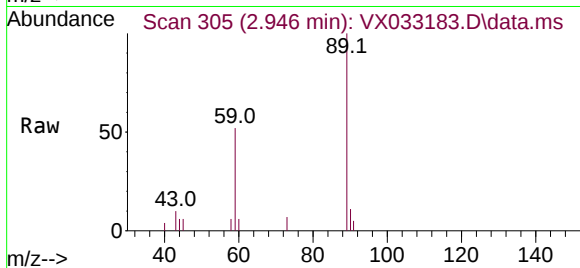
LEA-8IDL

Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX033183.D

Acq: 02 Dec 2022 14:16

Tgt Ion: 84 Resp: 788

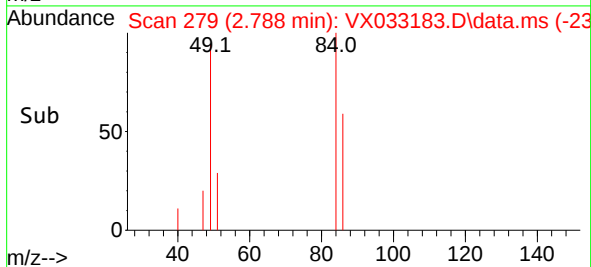
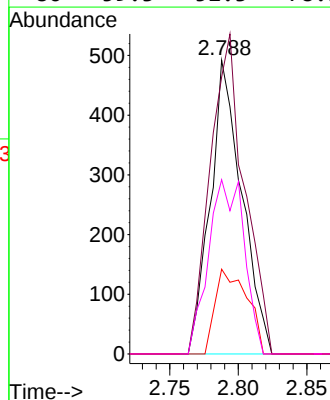
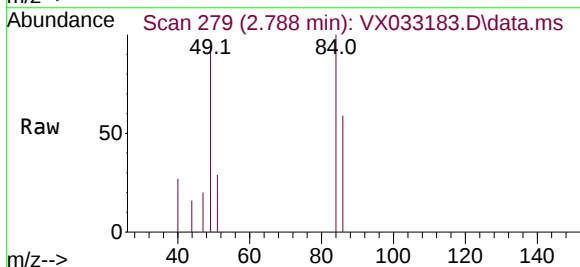
Ion Ratio Lower Upper

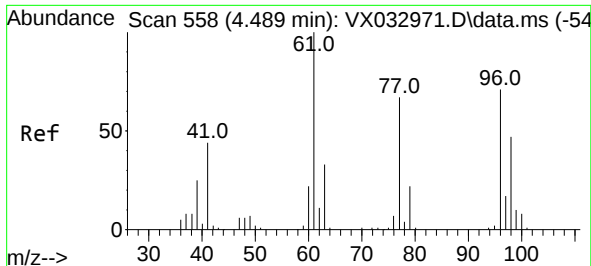
84 100

49 94.3 101.0 151.6#

51 28.9 31.1 46.7#

86 59.3 52.3 78.5

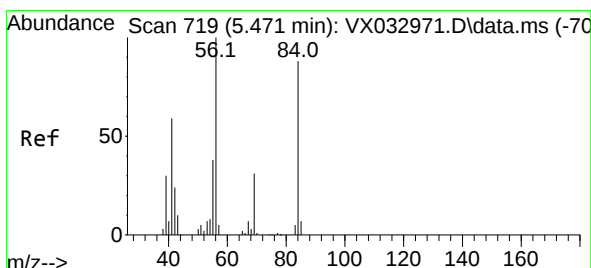
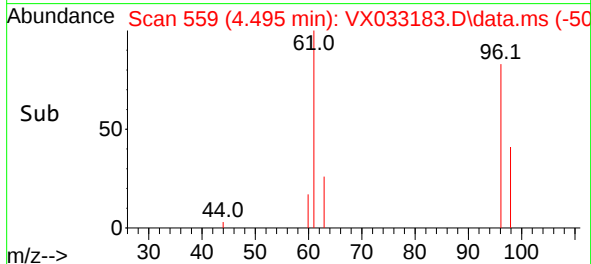
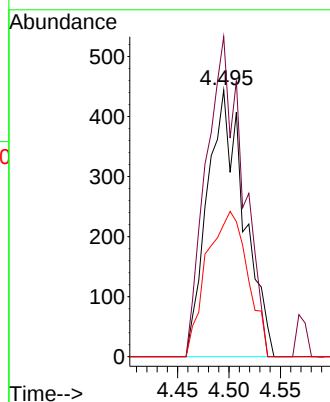
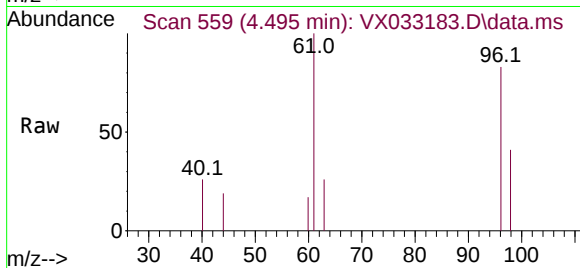




#27
 cis-1,2-Dichloroethene
 Concen: 0.805 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX033183.D
 Acq: 02 Dec 2022 14:16

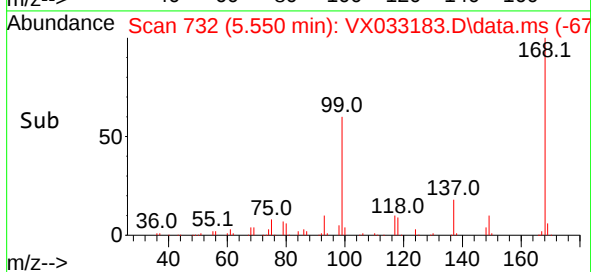
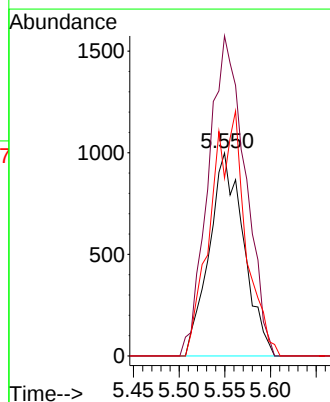
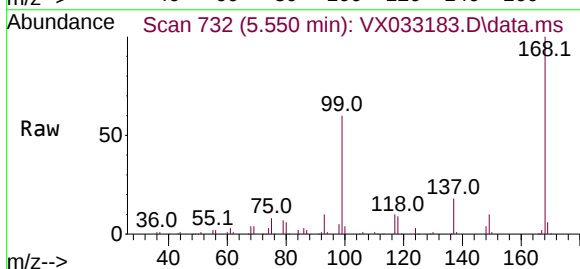
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-8IDL

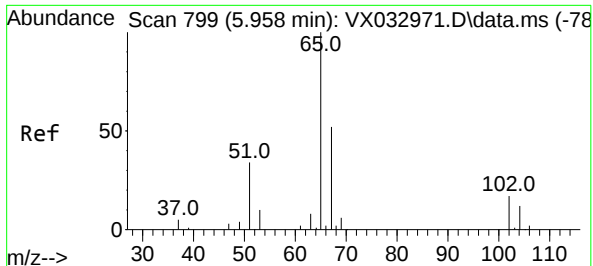
Tgt Ion: 96	Resp: 1106		
Ion	Ratio	Lower	Upper
96	100		
61	118.7	0.0	286.0
98	60.6	0.0	129.6



#31
 Cyclohexane
 Concen: 1.366 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.080 min
 Lab File: VX033183.D
 Acq: 02 Dec 2022 14:16

Tgt Ion: 56	Resp: 2611		
Ion Ratio	Lower	Upper	
56	100		
69	157.7	24.1	36.1#
84	87.7	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 55.947 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033183.D

Acq: 02 Dec 2022 14:16

Instrument :

MSVOA_X

ClientSampleId :

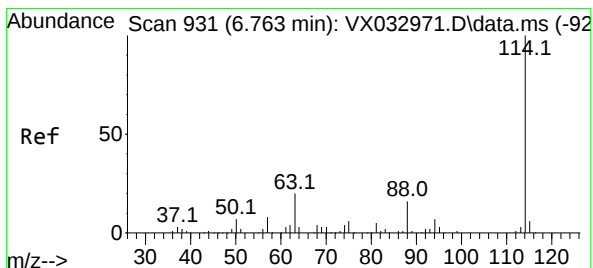
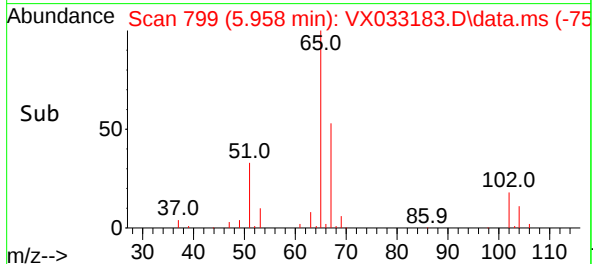
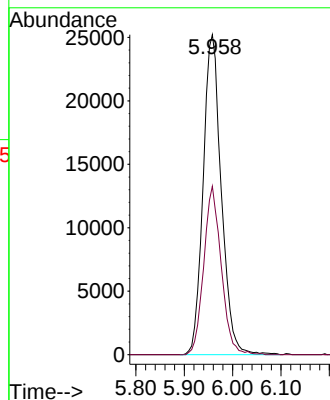
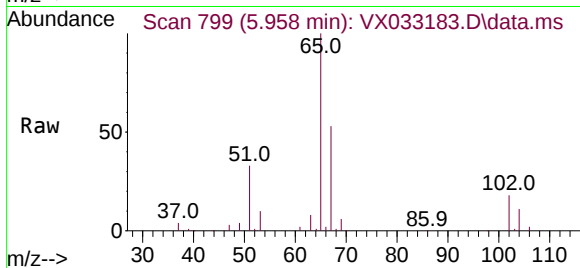
LEA-8IDL

Tgt Ion: 65 Resp: 65775

Ion Ratio Lower Upper

65 100

67 50.7 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: VX033183.D

Acq: 02 Dec 2022 14:16

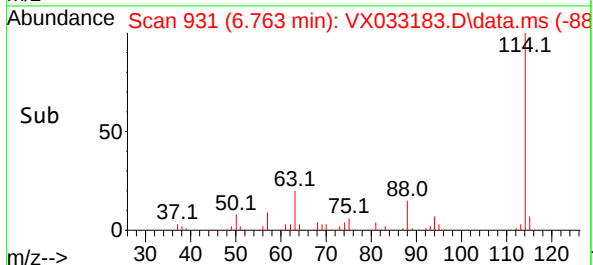
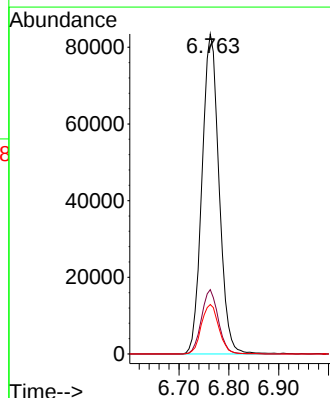
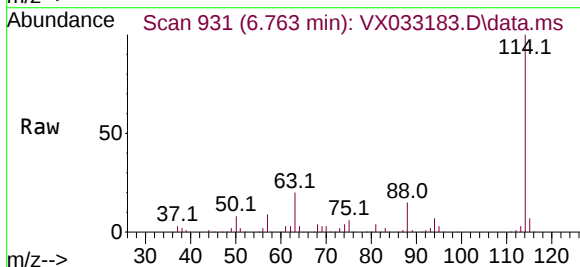
Tgt Ion: 114 Resp: 198108

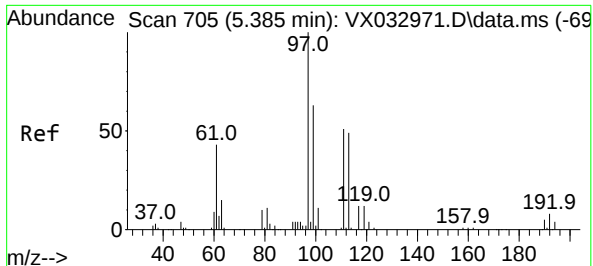
Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 15.5 0.0 33.4

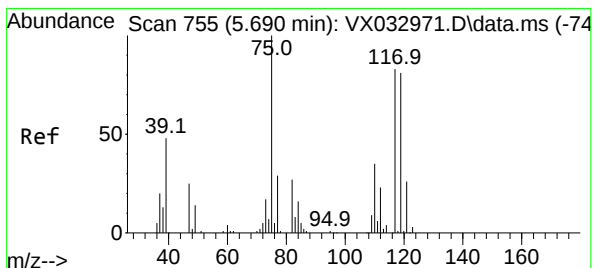
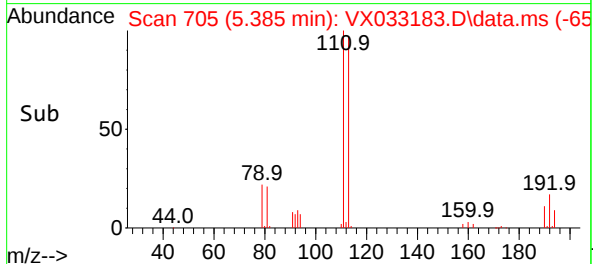
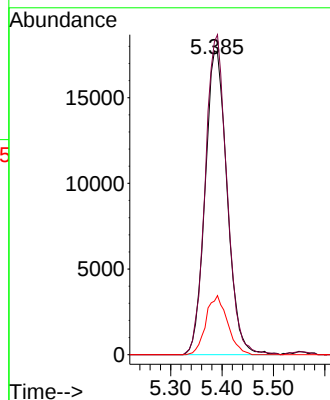
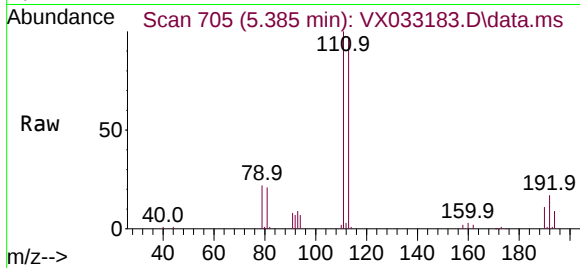




#35
Dibromofluoromethane
Concen: 47.275 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

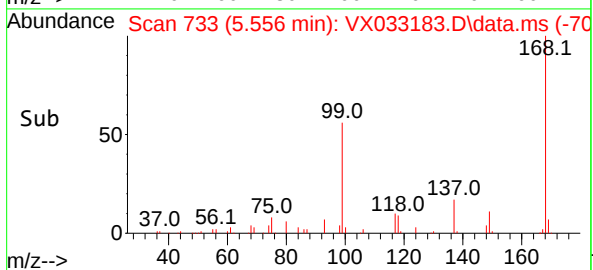
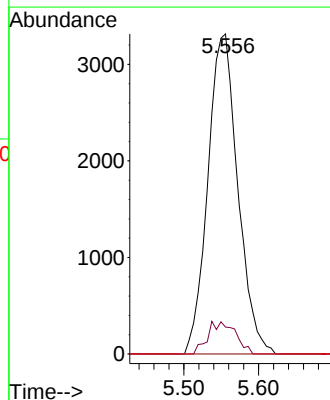
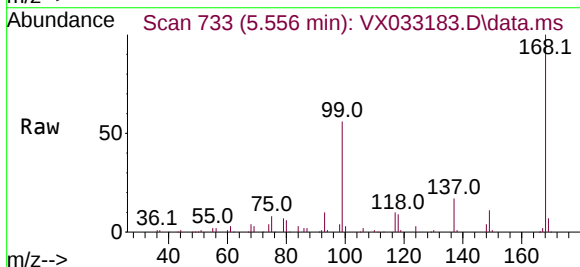
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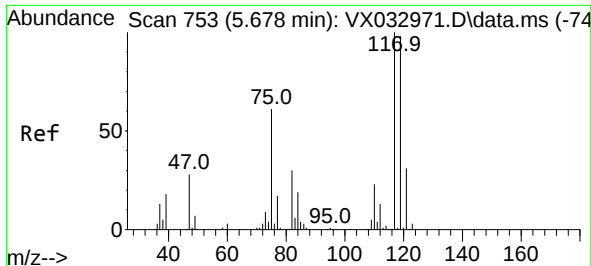
Tgt Ion:113 Resp: 52799
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 19.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

Tgt Ion: 75 Resp: 9241
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#

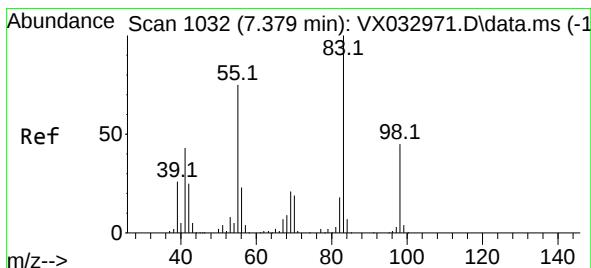
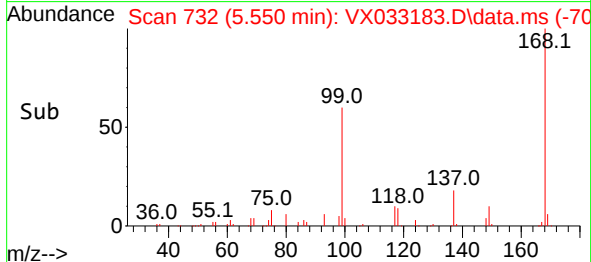
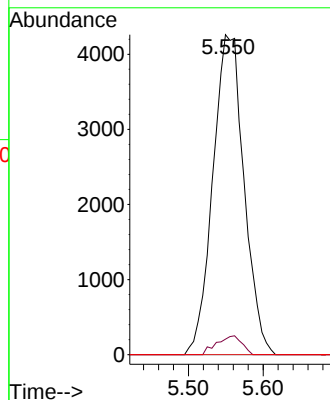
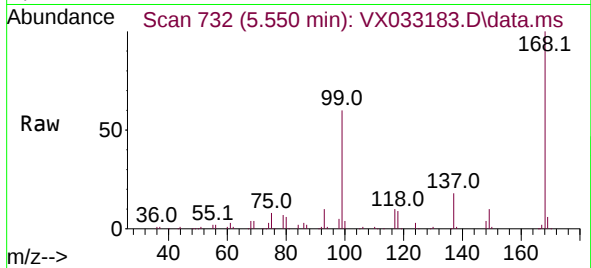




#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

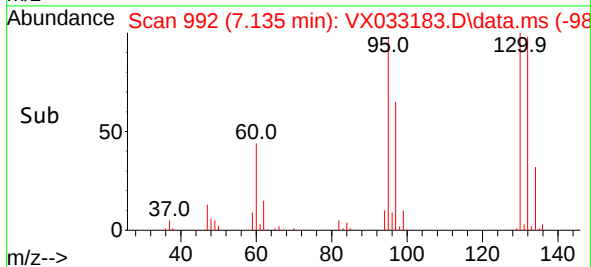
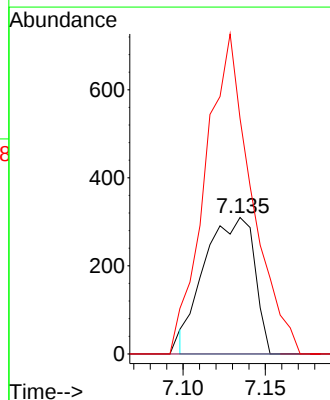
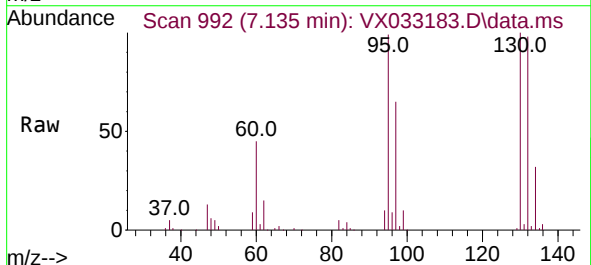
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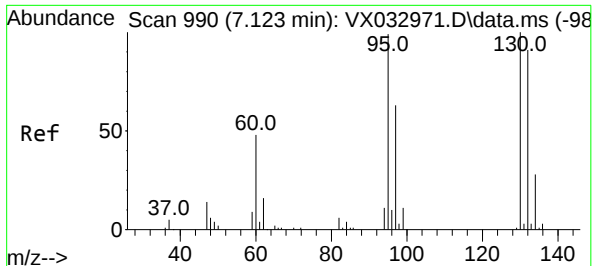
Tgt Ion:117 Resp: 12363
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.319 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

Tgt Ion: 83 Resp: 650
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 144.2 37.2 55.8#

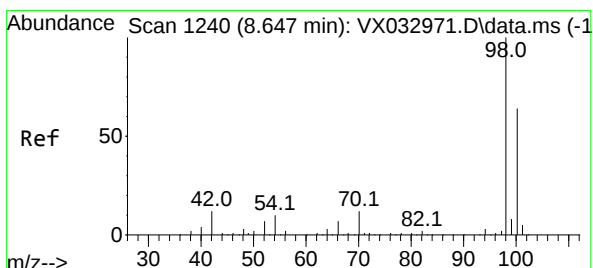
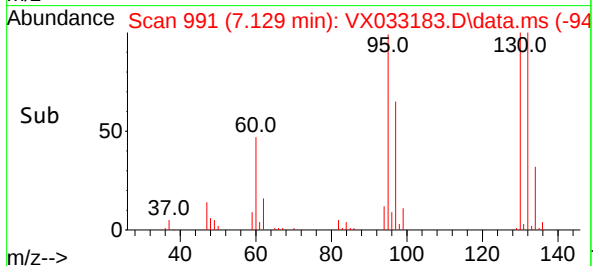
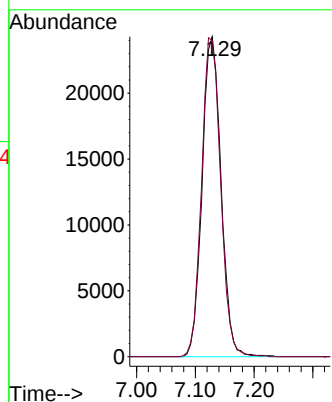
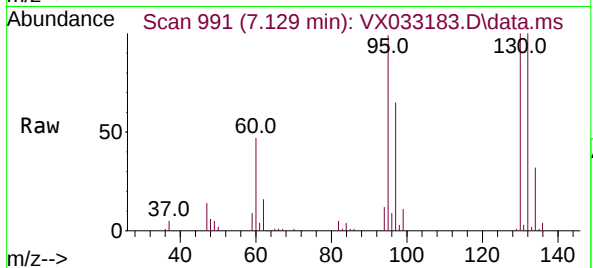




#44
Trichloroethene
Concen: 38.748 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

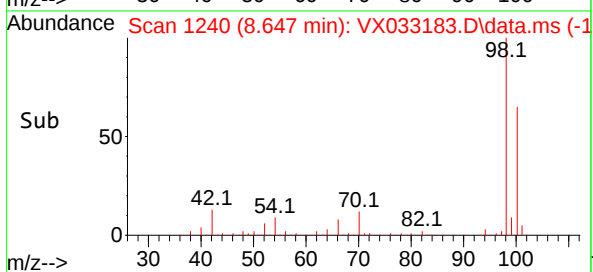
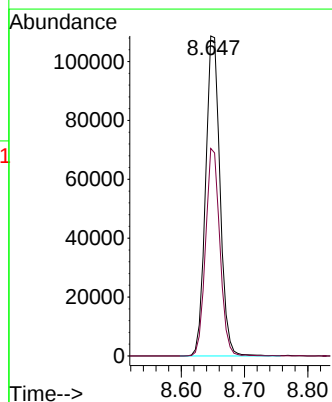
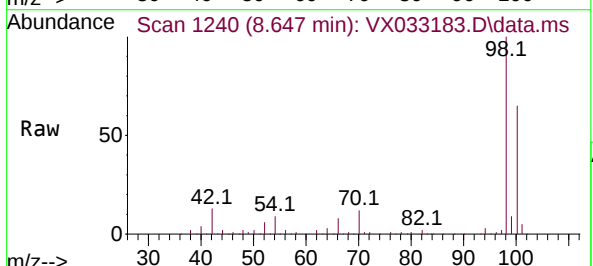
Instrument :
MSVOA_X
ClientSampleId :
LEA-8IDL

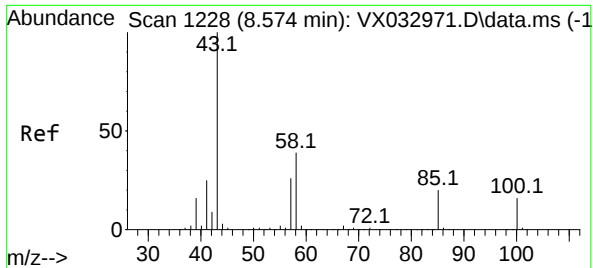
Tgt Ion:130 Resp: 54441
Ion Ratio Lower Upper
130 100
95 98.7 0.0 195.2



#50
Toluene-d8
Concen: 51.349 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

Tgt Ion: 98 Resp: 172360
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3

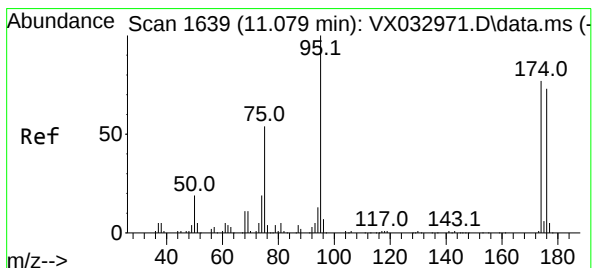
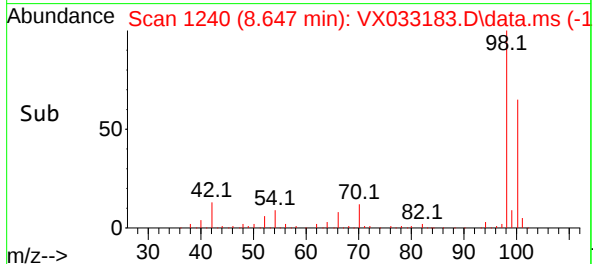
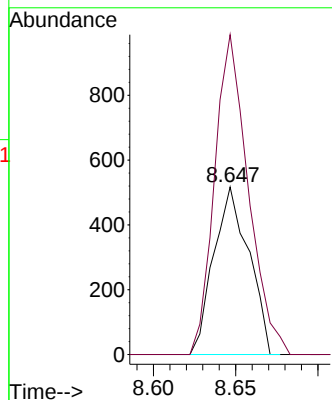
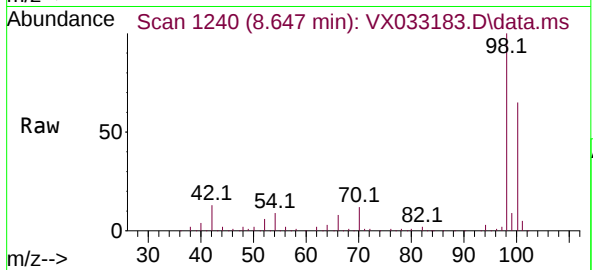




#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

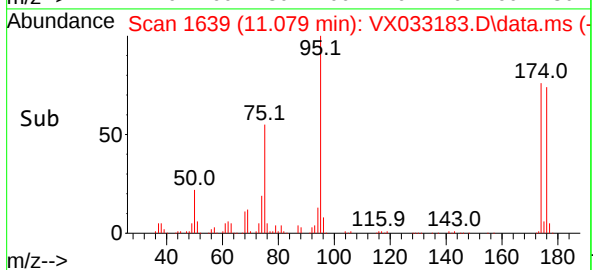
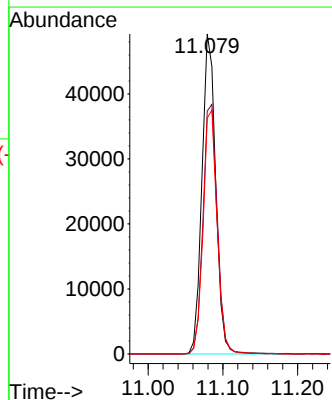
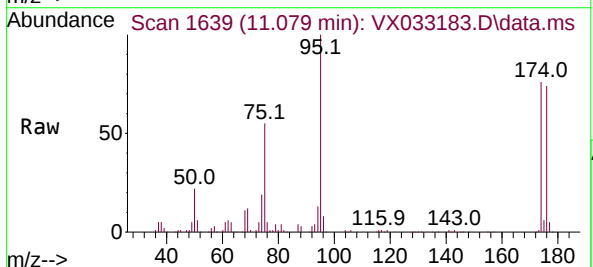
Instrument :
MSVOA_X
ClientSampleId :
LEA-8IDL

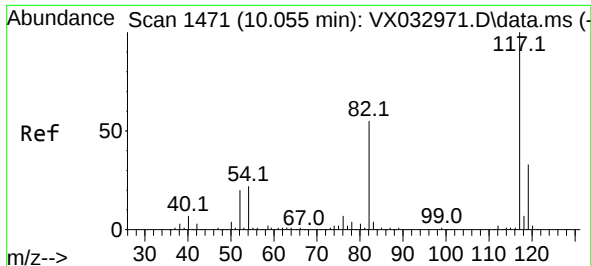
Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 183.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 42.844 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

Tgt Ion: 95 Resp: 62857
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 77.7 0.0 154.4

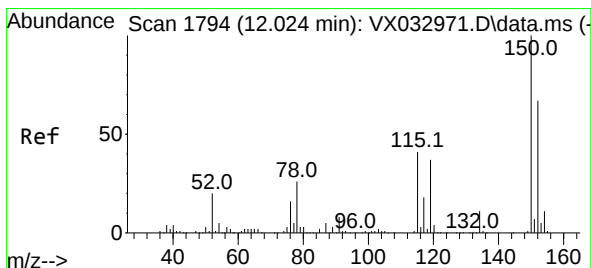
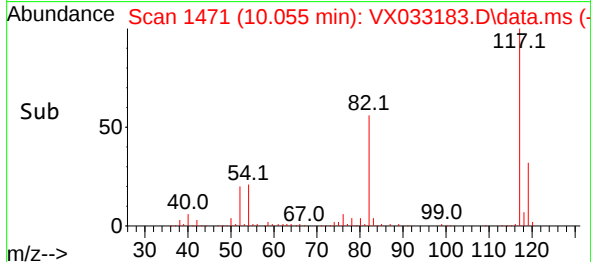
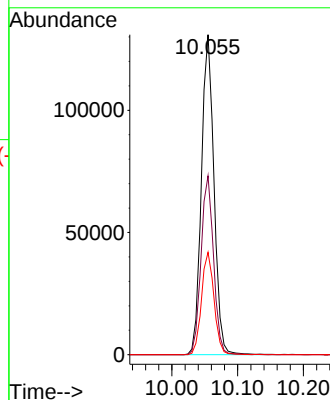
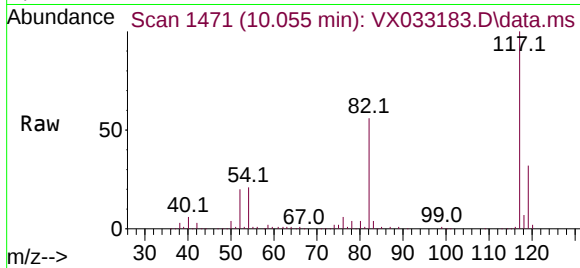




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

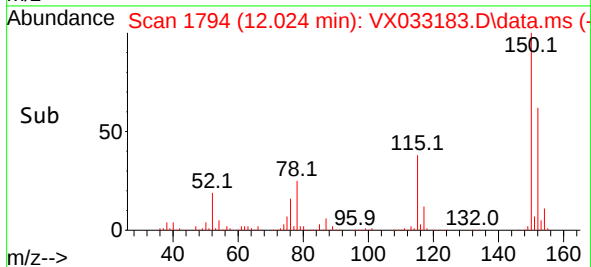
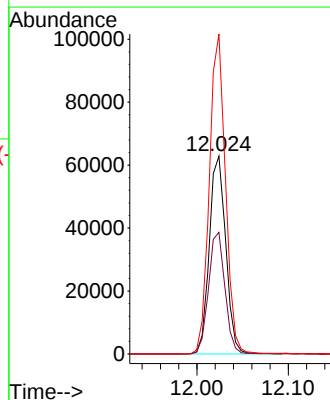
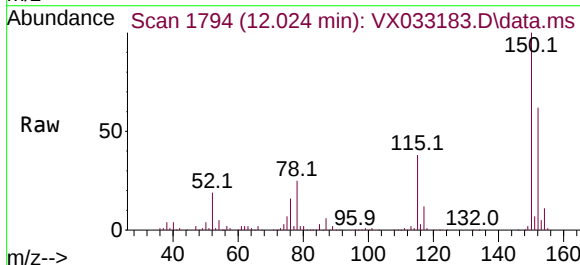
Instrument :
MSVOA_X
ClientSampleId :
LEA-8IDL

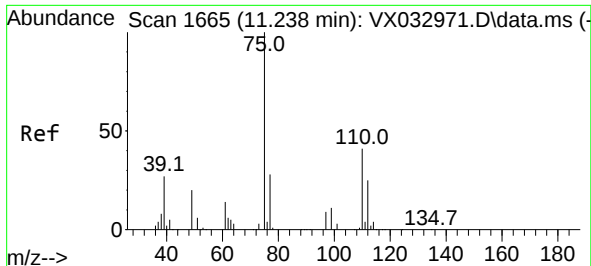
Tgt Ion:117 Resp: 173748
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

Tgt Ion:152 Resp: 78558
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 158.7 0.0 351.8

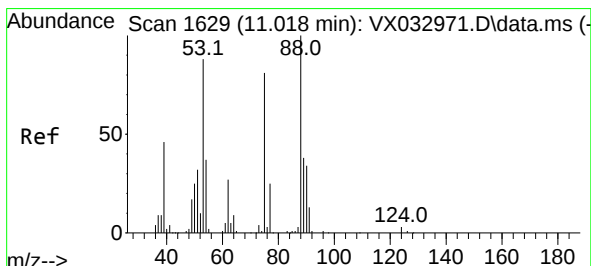
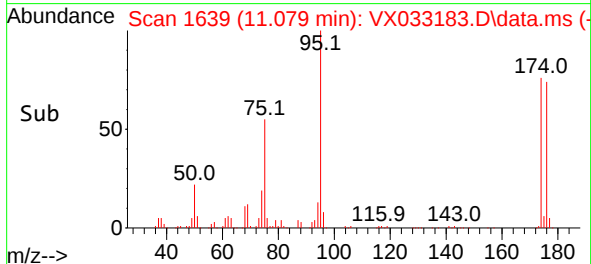
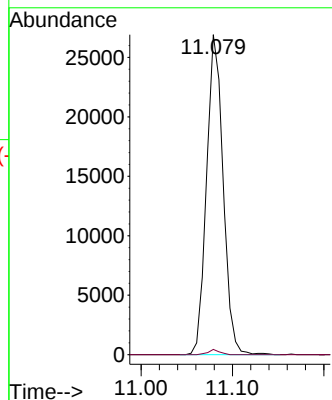
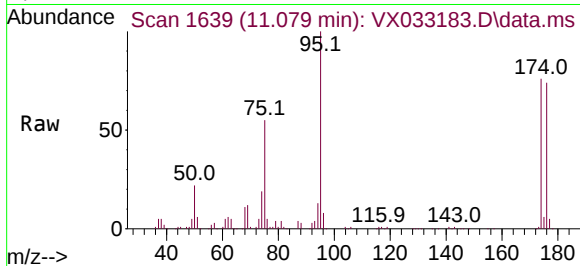




#76
1,2,3-Trichloropropane
Concen: 22.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
LEA-8IDL

Tgt Ion: 75 Resp: 33936
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033183.D
Acq: 02 Dec 2022 14:16

Tgt Ion: 75 Resp: 33936
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

