

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042923\
 Data File : VX035427.D
 Acq On : 29 Apr 2023 16:30
 Operator : JC/MD
 Sample : 02515-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-6I

Quant Time: May 01 04:29:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

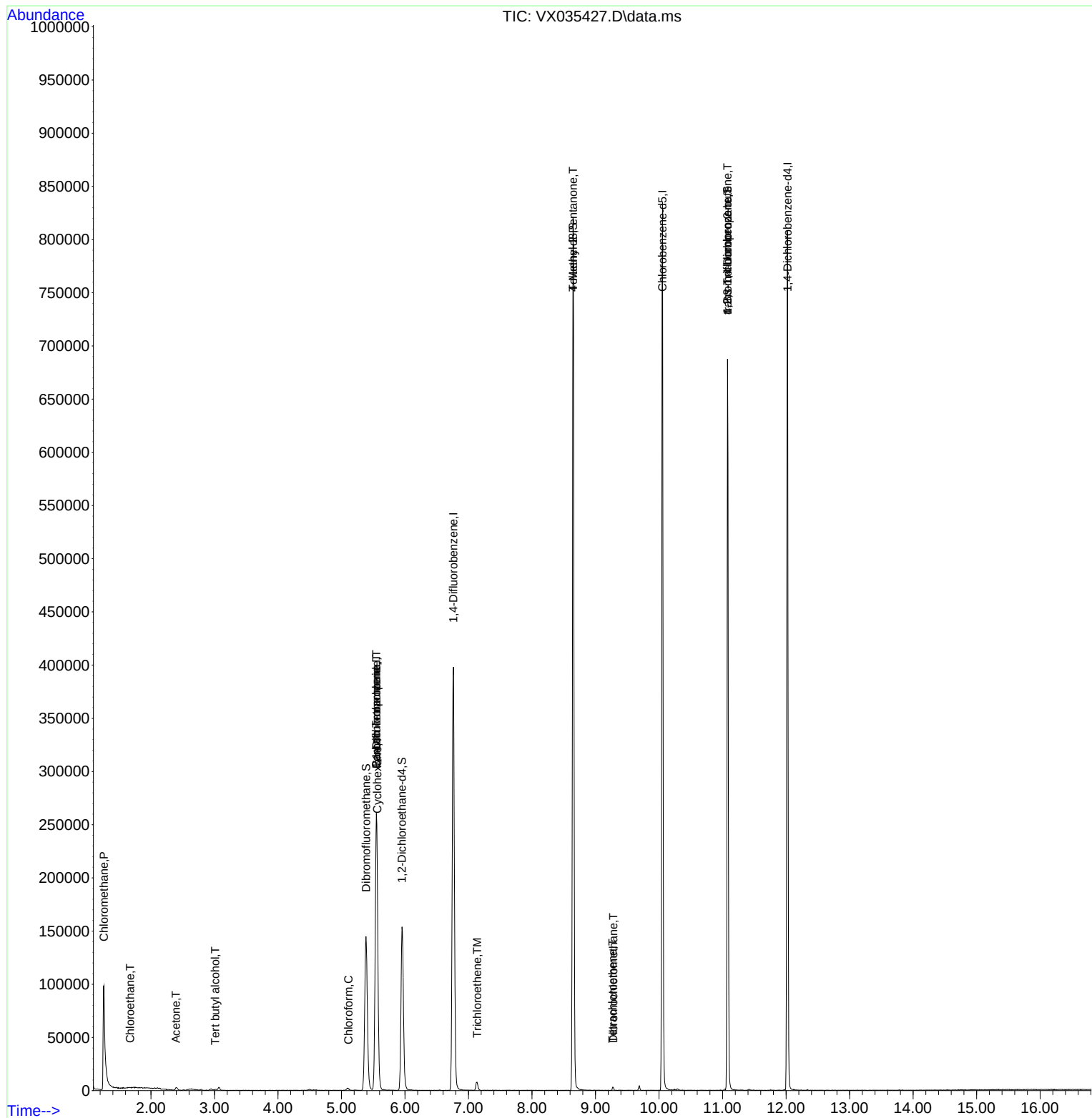
Internal Standards						
1) Pentafluorobenzene	5.550	168	258968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151298	48.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.860%
35) Dibromofluoromethane	5.385	113	131036	50.523	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	8.647	98	495225	50.617	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.240%
62) 4-Bromofluorobenzene	11.079	95	186733	50.736	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.258	50	2494	1.000	ug/l #	42
6) Chloroethane	1.672	64	531	0.363	ug/l #	43
11) Tert butyl alcohol	3.014	59	2031	3.570	ug/l #	80
16) Acetone	2.392	43	3756	2.768	ug/l	94
30) Chloroform	5.111	83	2813	0.565	ug/l	85
31) Cyclohexane	5.562	56	4894	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17829	4.403	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25386	6.603	ug/l #	15
44) Trichloroethene	7.135	130	3638	1.137	ug/l	82
51) 4-Methyl-2-Pentanone	8.647	43	1883	0.493	ug/l #	1
60) Dibromochloromethane	9.281	129	572	0.203	ug/l #	10
64) Tetrachloroethene	9.269	164	591	0.201	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	91755	25.047	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	91755	81.121	ug/l #	8

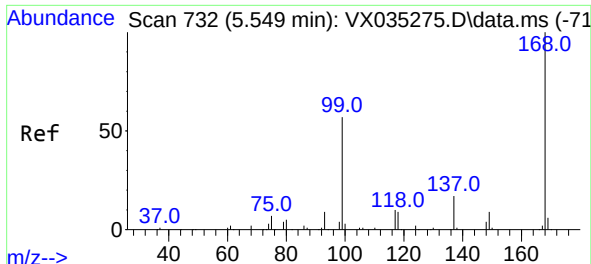
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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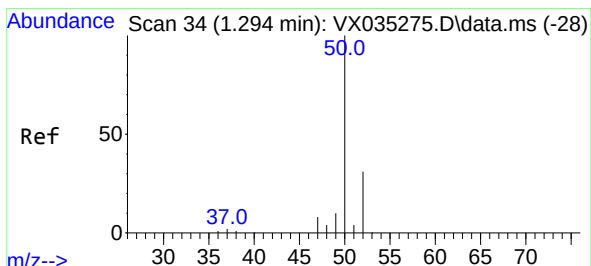
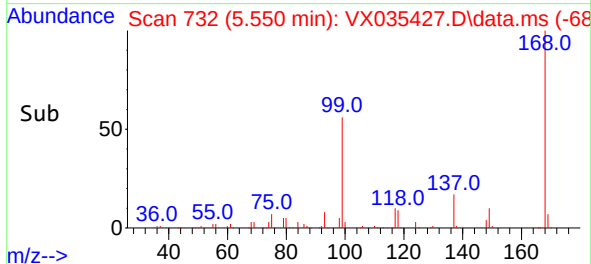
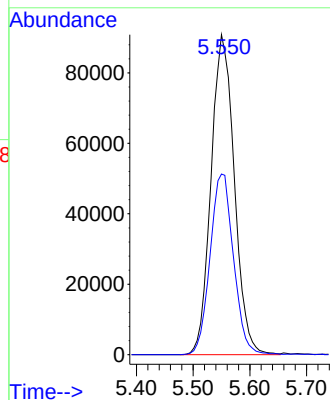
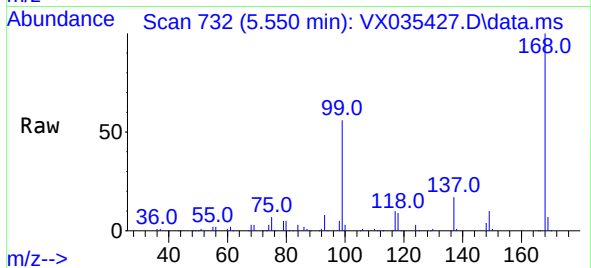




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

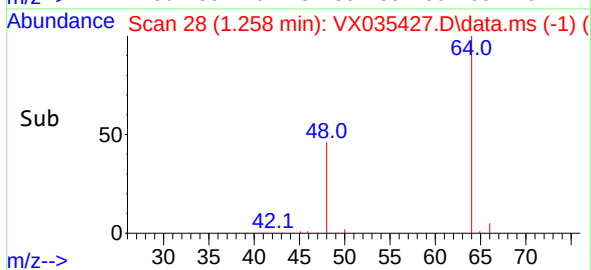
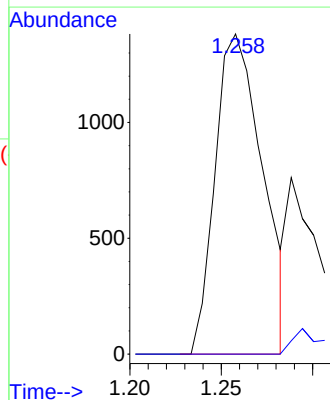
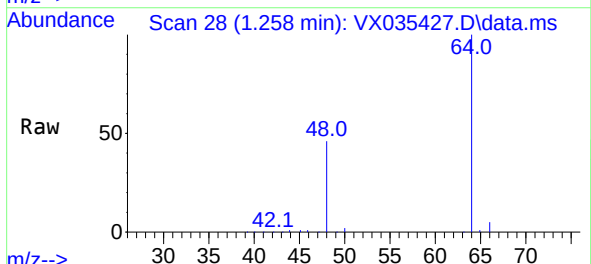
Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

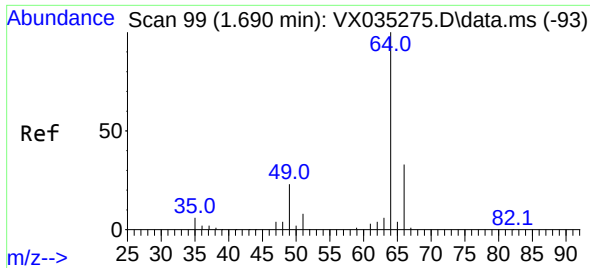
Tgt Ion:168 Resp: 258968
Ion Ratio Lower Upper
168 100
99 56.4 45.7 68.5



#3
Chloromethane
Concen: 1.000 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Tgt Ion: 50 Resp: 2494
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

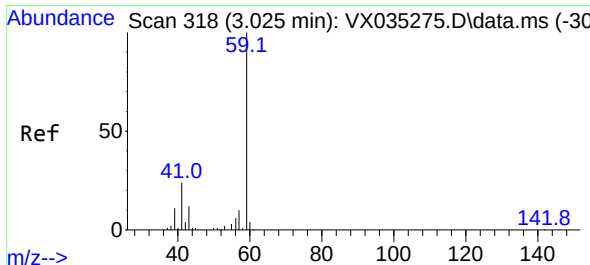
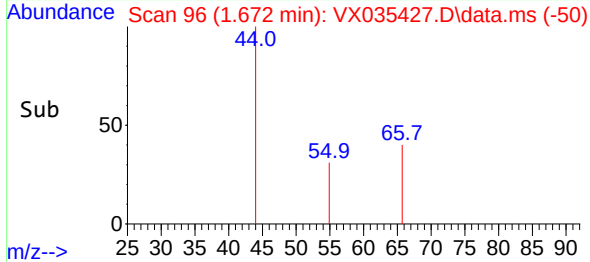
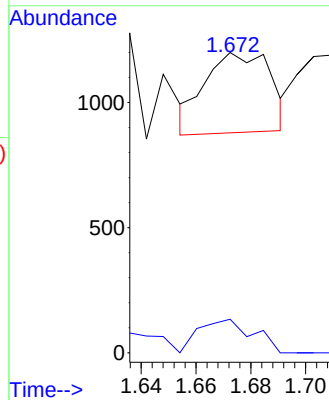
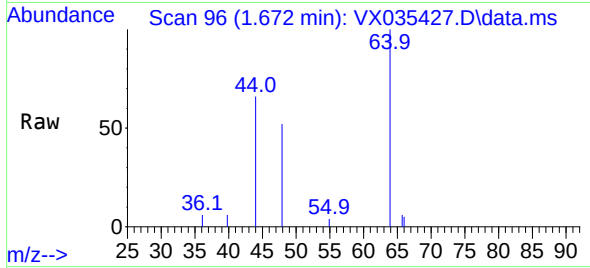




#6
Chloroethane
Concen: 0.363 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.018 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

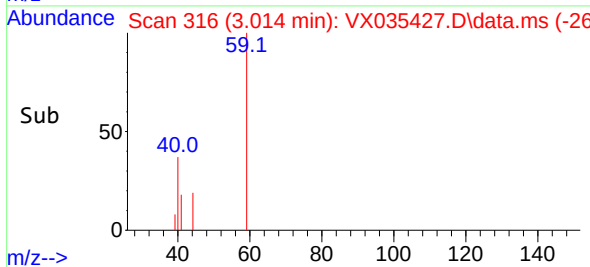
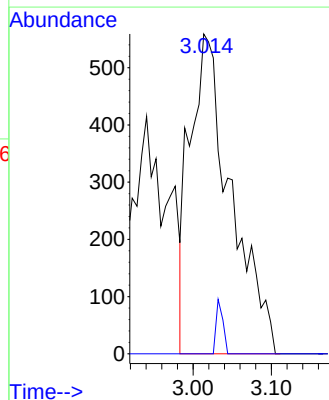
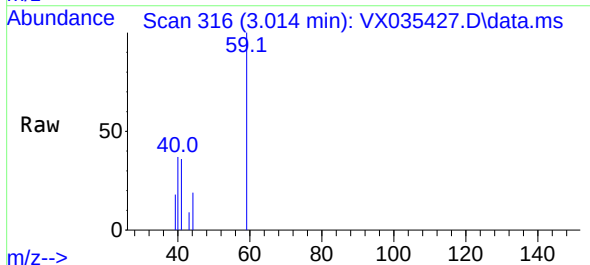
Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

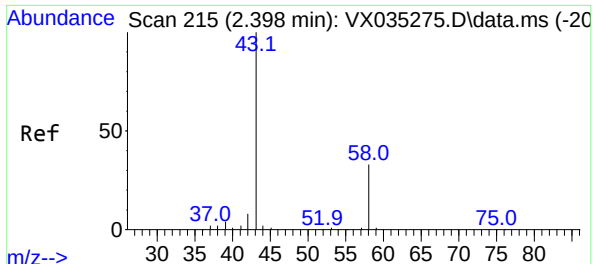
Tgt Ion: 64 Resp: 531
Ion Ratio Lower Upper
64 100
66 65.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 3.570 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.011 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Tgt Ion: 59 Resp: 2031
Ion Ratio Lower Upper
59 100
57 2.8 8.1 12.1#

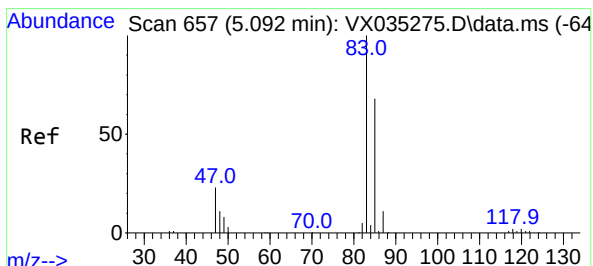
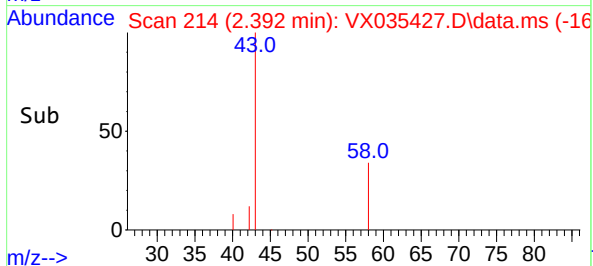
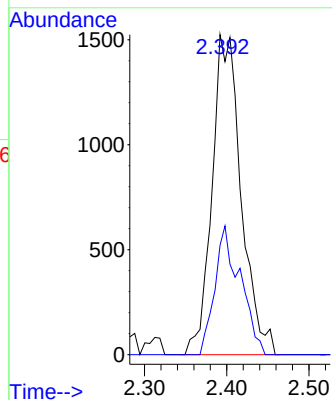
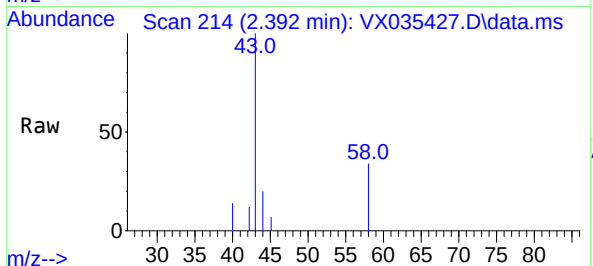




#16
Acetone
Concen: 2.768 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

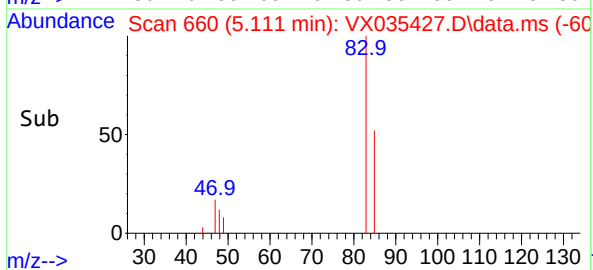
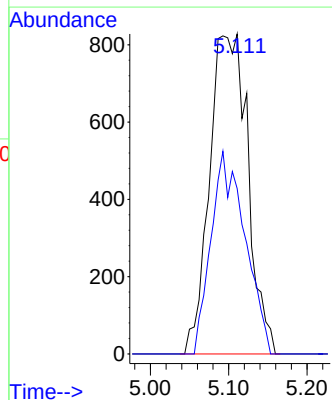
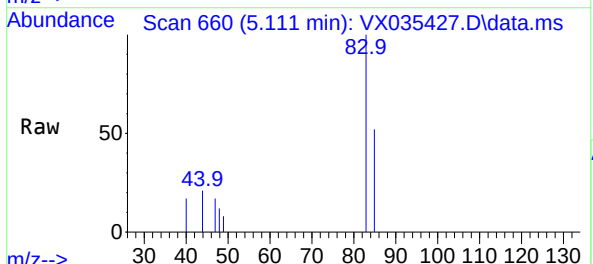
Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

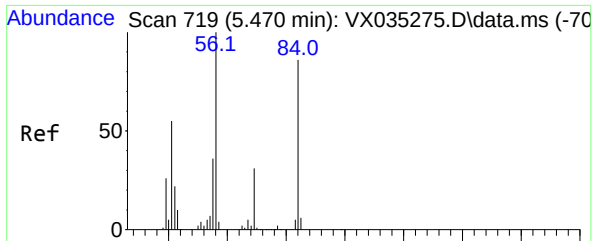
Tgt Ion: 43 Resp: 3756
Ion Ratio Lower Upper
43 100
58 34.2 24.7 37.1



#30
Chloroform
Concen: 0.565 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.019 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

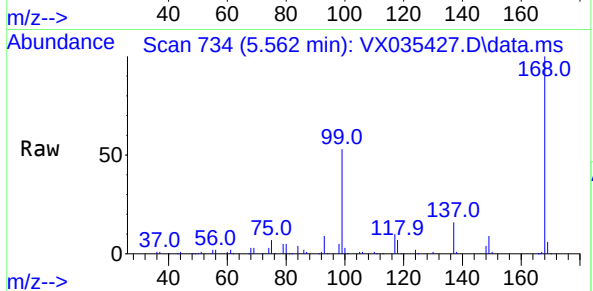
Tgt Ion: 83 Resp: 2813
Ion Ratio Lower Upper
83 100
85 51.7 50.6 76.0



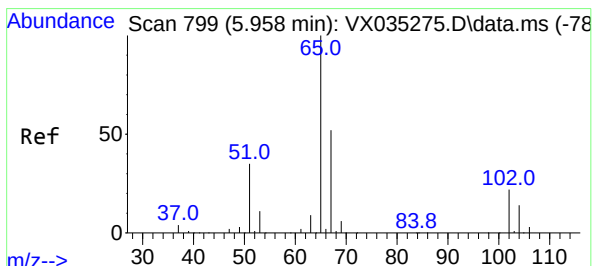
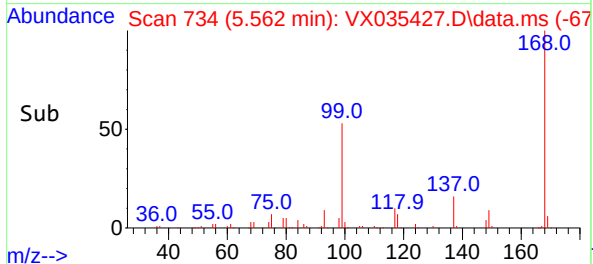
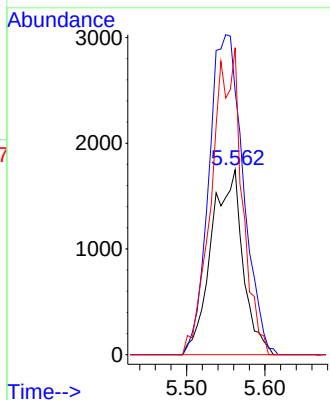


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

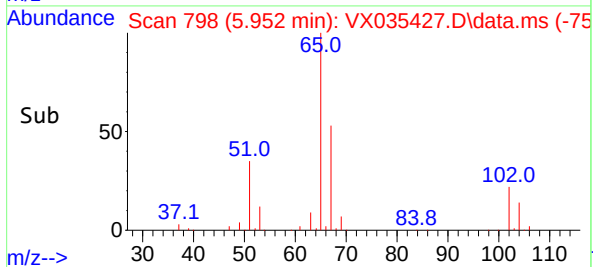
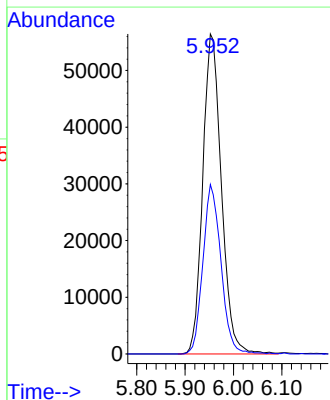
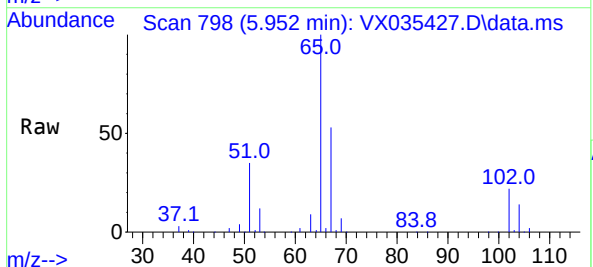


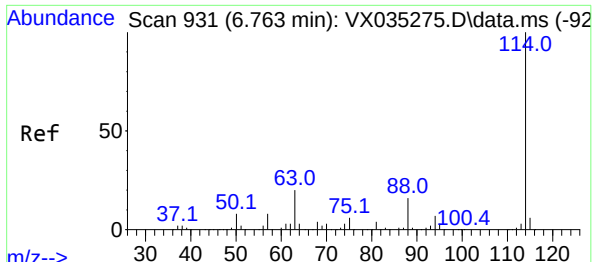
Tgt Ion: 56 Resp: 4894
Ion Ratio Lower Upper
56 100
69 142.5 23.7 35.5#
84 166.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.426 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Tgt Ion: 65 Resp: 151298
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

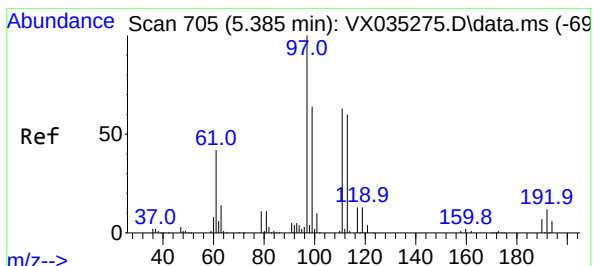
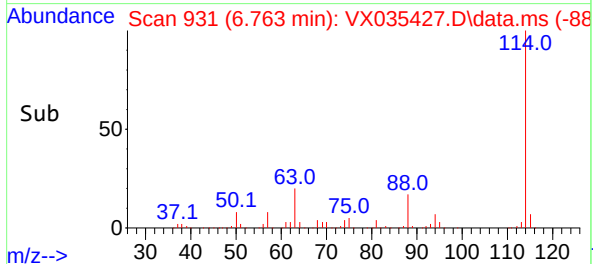
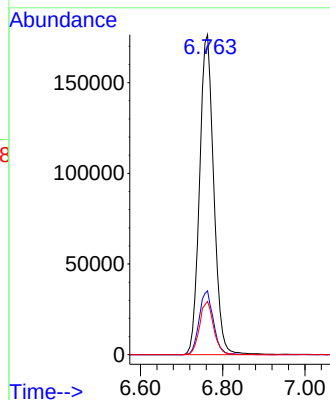
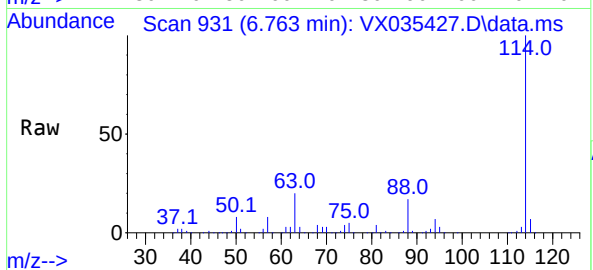




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

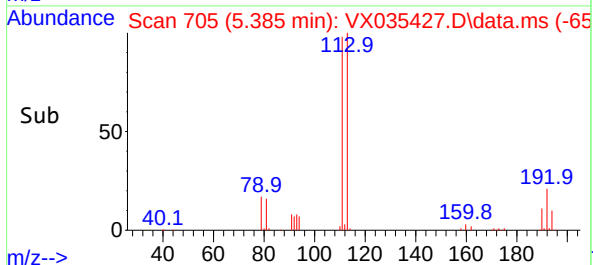
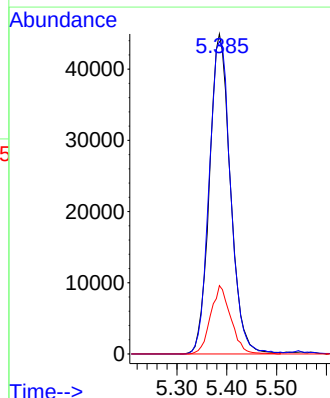
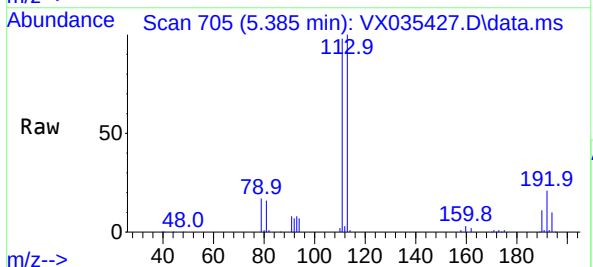
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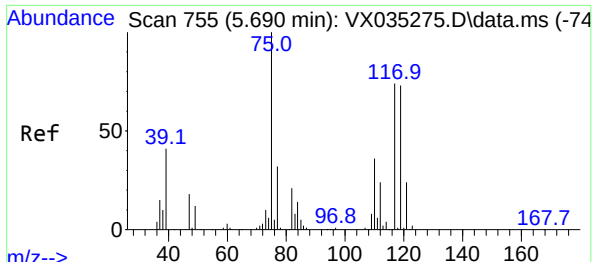
Tgt Ion:114 Resp: 422563
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.523 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Tgt Ion:113 Resp: 131036
Ion Ratio Lower Upper
113 100
111 100.6 83.7 125.5
192 20.6 15.4 23.2

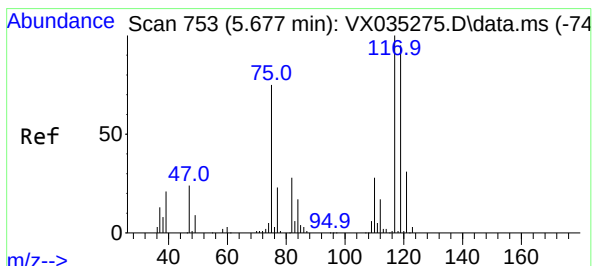
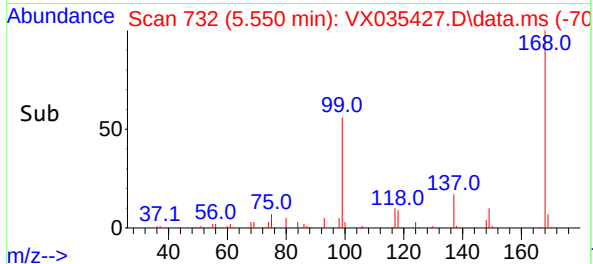
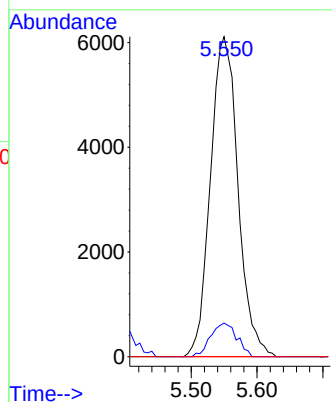
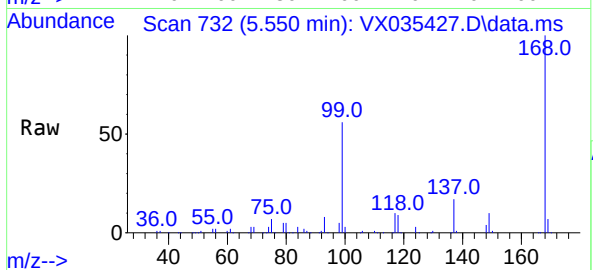




#36
1,1-Dichloropropene
Concen: 4.403 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

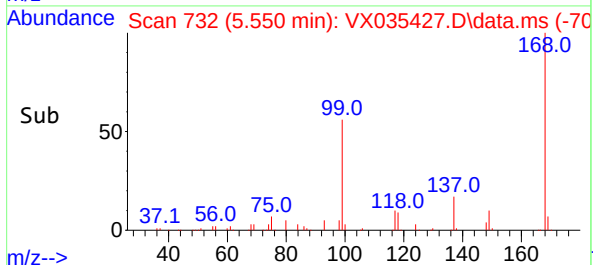
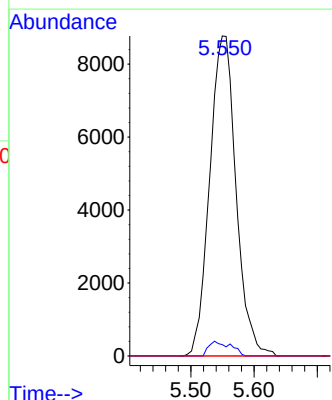
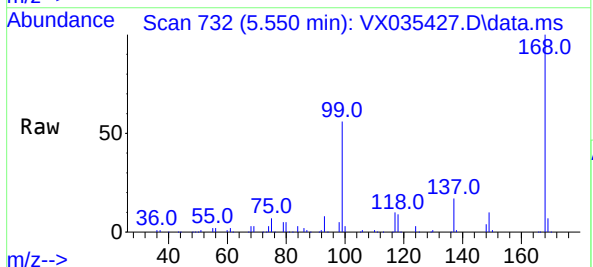
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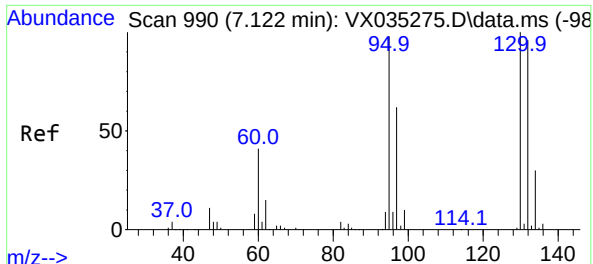
Tgt Ion: 75 Resp: 17829
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.603 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Tgt Ion: 117 Resp: 25386
Ion Ratio Lower Upper
117 100
119 3.6 76.6 114.8#
121 0.0 23.8 35.6#

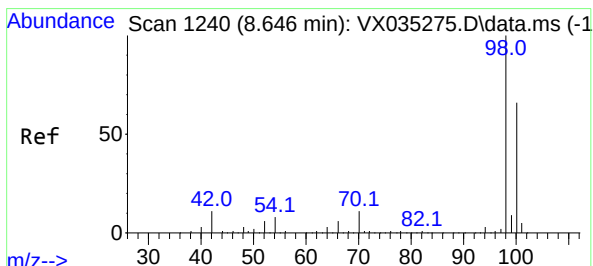
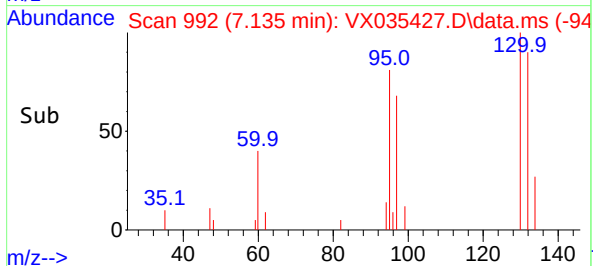
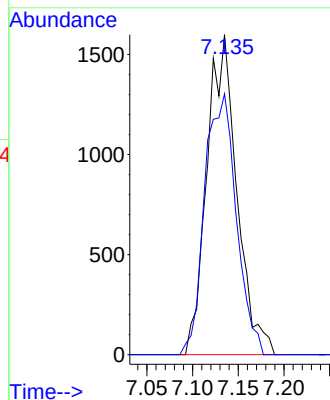
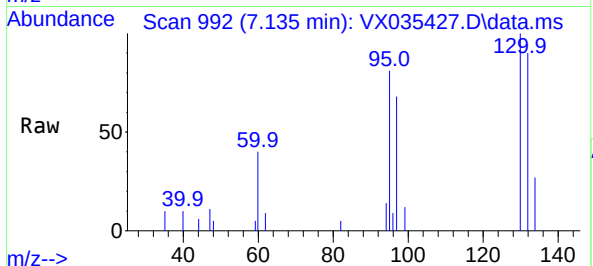




#44
 Trichloroethene
 Concen: 1.137 ug/l
 RT: 7.135 min Scan# 990
 Delta R.T. 0.013 min
 Lab File: VX035427.D
 Acq: 29 Apr 2023 16:30

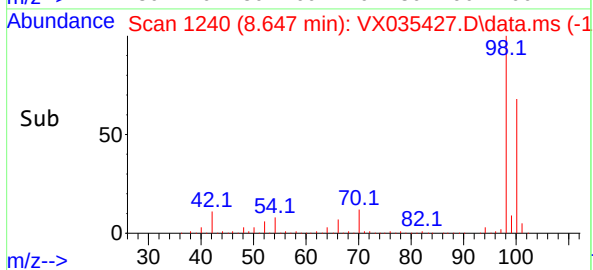
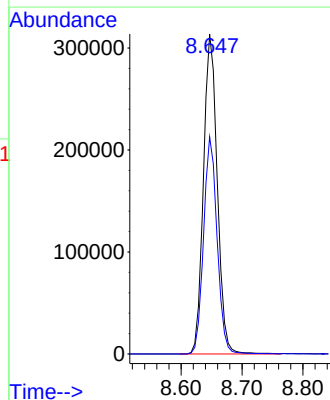
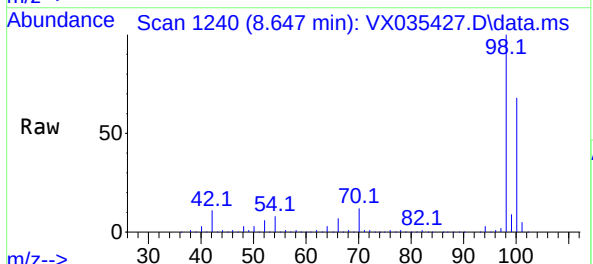
Instrument :
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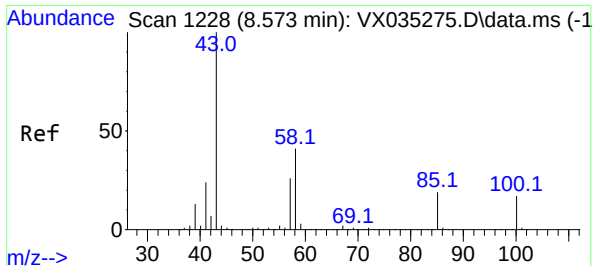
Tgt Ion:130 Resp: 3638
 Ion Ratio Lower Upper
 130 100
 95 81.5 0.0 198.4



#50
 Toluene-d8
 Concen: 50.617 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.001 min
 Lab File: VX035427.D
 Acq: 29 Apr 2023 16:30

Tgt Ion: 98 Resp: 495225
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.493 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX035427.D

Acq: 29 Apr 2023 16:30

Instrument :

MSVOA_X

ClientSampleId :

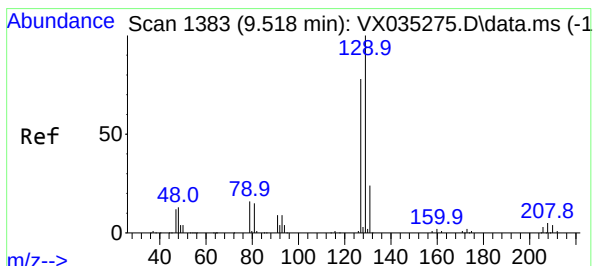
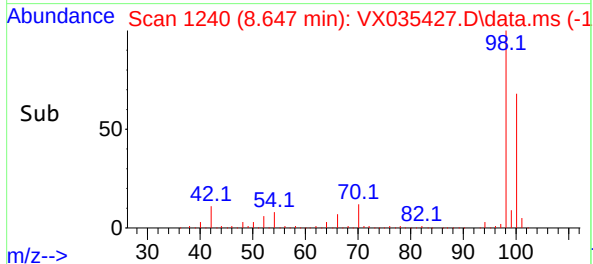
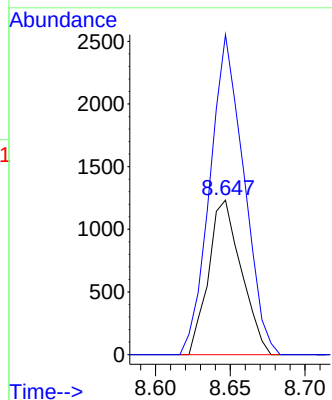
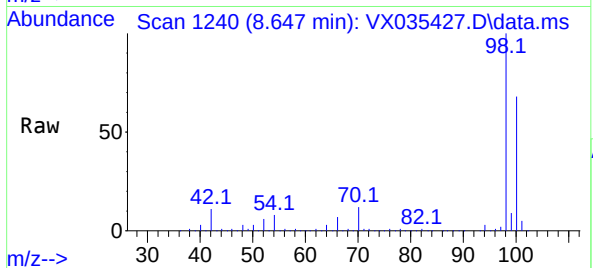
LEA-6I

Tgt Ion: 43 Resp: 1883

Ion Ratio Lower Upper

43 100

58 213.8 30.6 46.0#



#60

Dibromochloromethane

Concen: 0.203 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.237 min

Lab File: VX035427.D

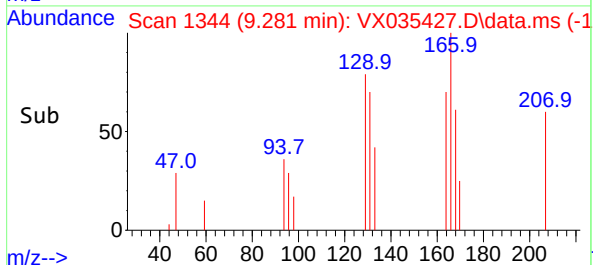
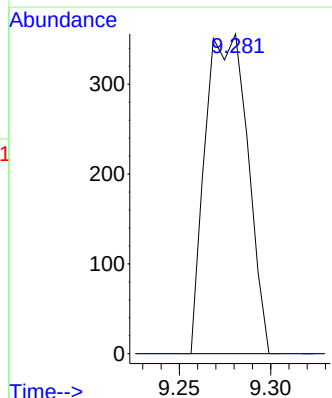
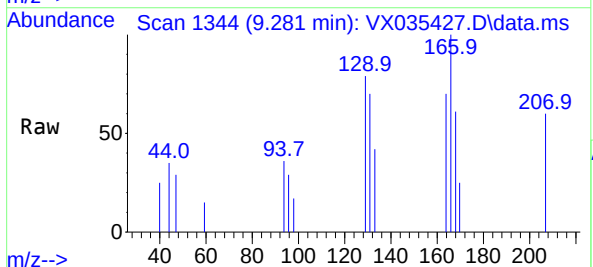
Acq: 29 Apr 2023 16:30

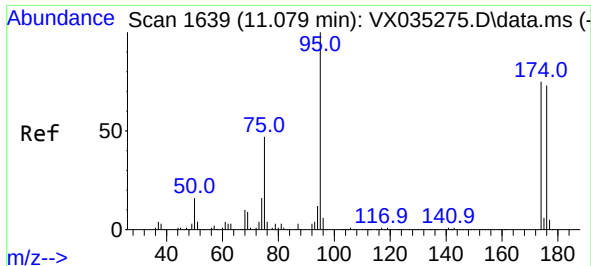
Tgt Ion: 129 Resp: 572

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

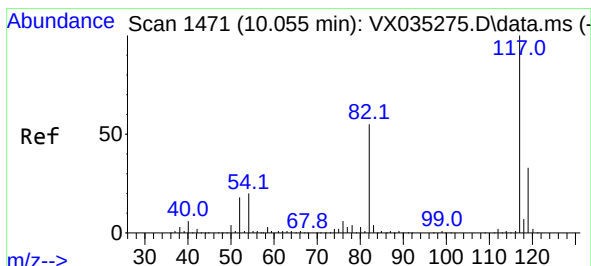
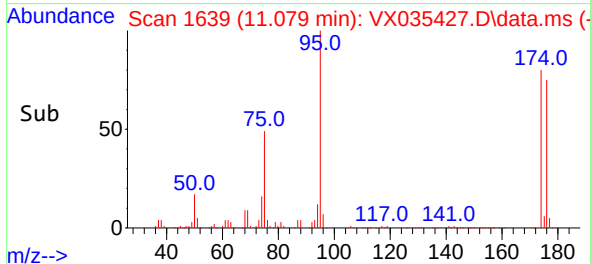
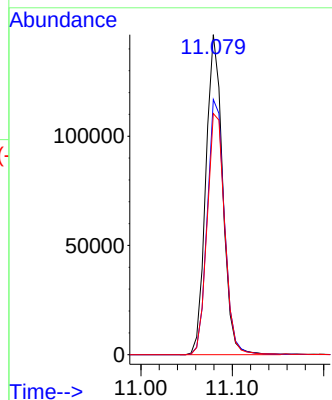
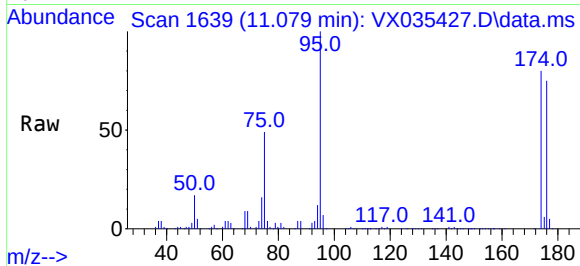




#62
4-Bromofluorobenzene
Concen: 50.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

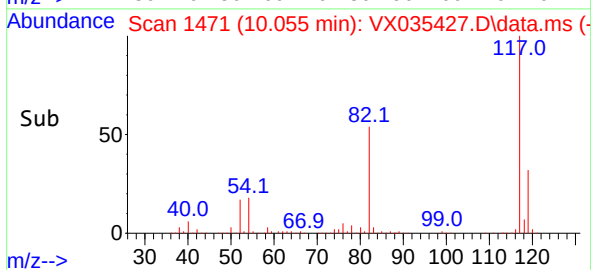
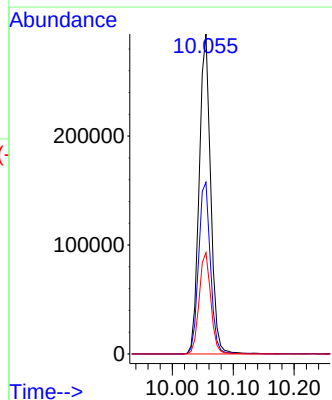
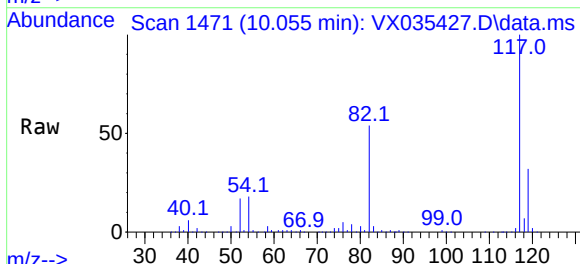
Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

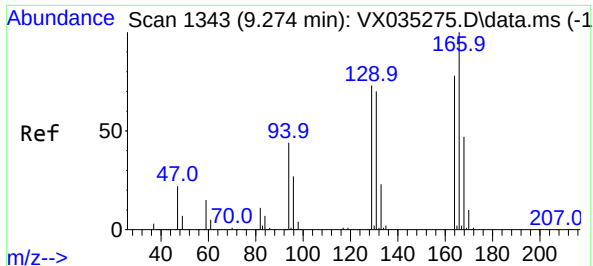
Tgt Ion: 95 Resp: 186733
Ion Ratio Lower Upper
95 100
174 81.5 0.0 147.4
176 78.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Tgt Ion: 117 Resp: 384658
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.7 26.0 39.0

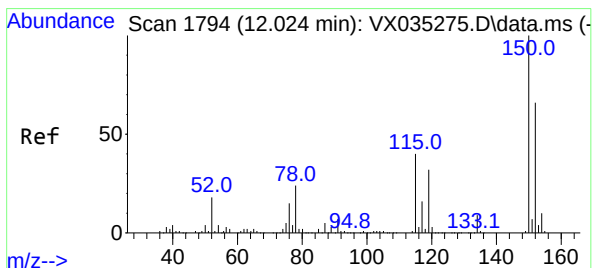
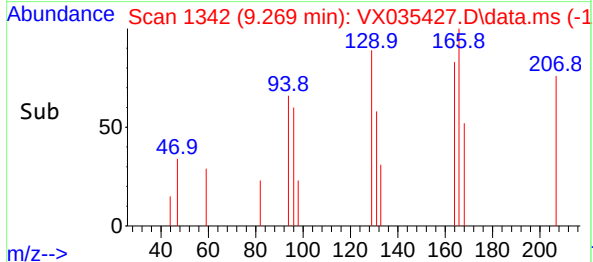
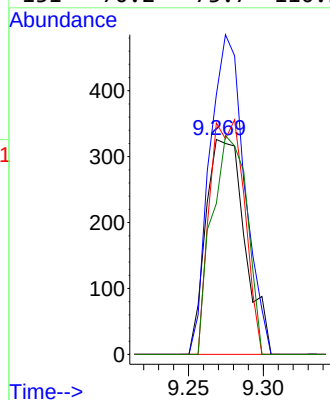
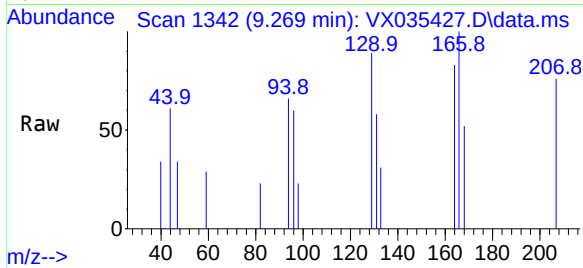




#64
Tetrachloroethene
Concen: 0.201 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

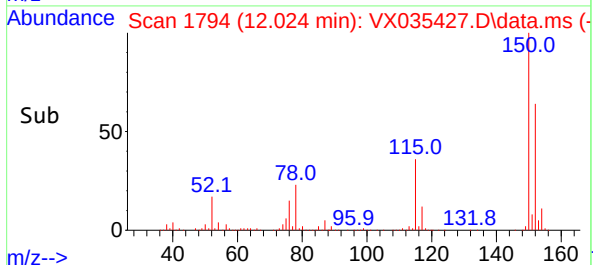
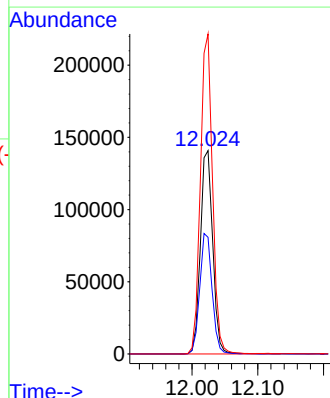
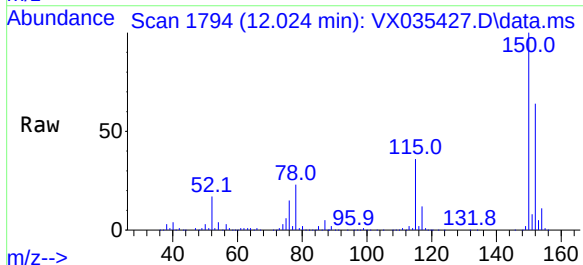
Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

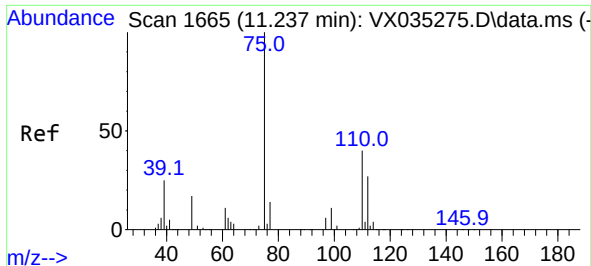
Tgt Ion:164 Resp: 591
Ion Ratio Lower Upper
164 100
166 120.9 102.7 154.1
129 107.7 75.6 113.4
131 70.2 73.7 110.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Tgt Ion:152 Resp: 183649
Ion Ratio Lower Upper
152 100
115 59.5 45.0 135.0
150 154.7 0.0 352.4

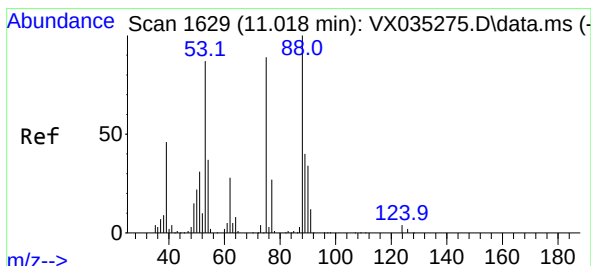
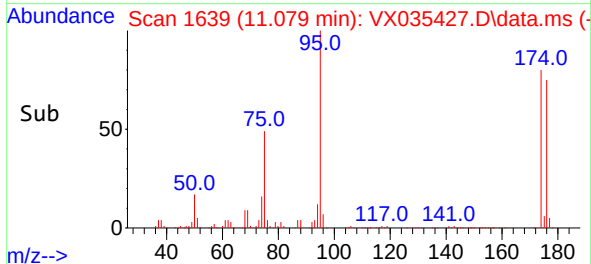
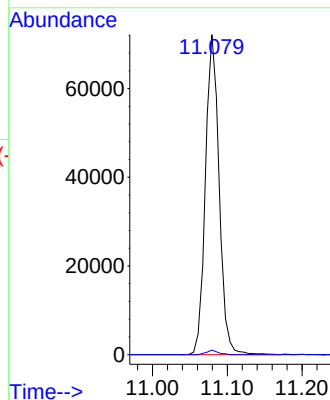
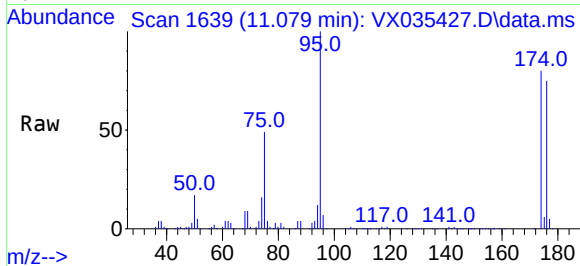




#76
1,2,3-Trichloropropane
Concen: 25.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Instrument :
MSVOA_X
ClientSampleId :
LEA-6I

Tgt Ion: 75 Resp: 91755
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.121 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035427.D
Acq: 29 Apr 2023 16:30

Tgt Ion: 75 Resp: 91755
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

