

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035332.D
 Acq On : 27 Apr 2023 11:42
 Operator : JC/MD
 Sample : 02445-01ME
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1715

Quant Time: Apr 27 16:24:36 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)

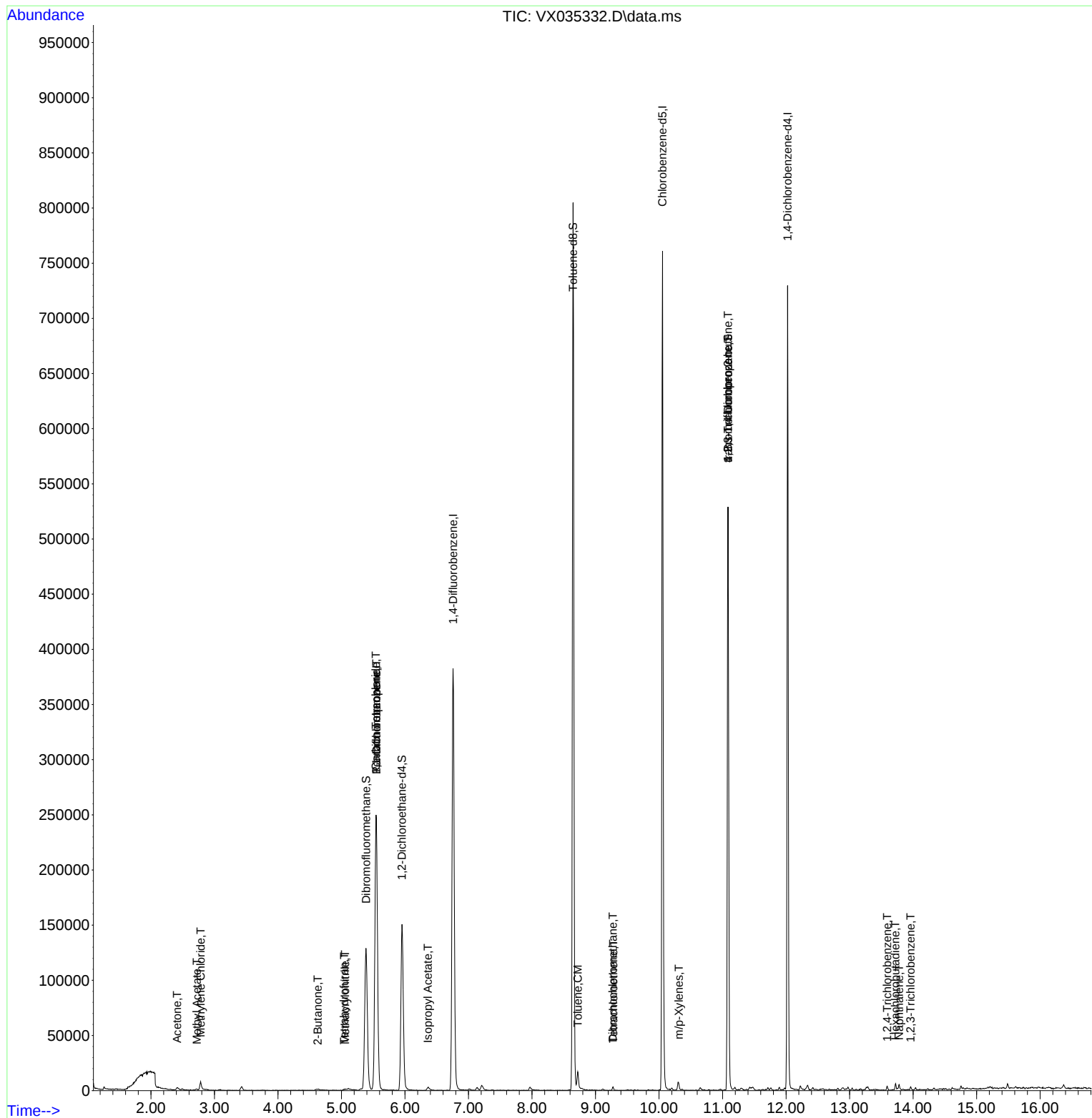
Internal Standards						
1) Pentafluorobenzene	5.550	168	249568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	409469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145287	48.254	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.500%		
35) Dibromofluoromethane	5.385	113	114510	45.563	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.647	98	483551	51.004	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.000%		
62) 4-Bromofluorobenzene	11.085	95	170768	47.882	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.760%		
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	3540	2.707	ug/l #	80
18) Methyl Acetate	2.721	43	1486	0.294	ug/l #	86
20) Methylene Chloride	2.782	84	4361	1.454	ug/l #	82
25) 2-Butanone	4.623	43	3076	1.612	ug/l #	88
29) Tetrahydrofuran	5.044	42	519	0.424	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	18804	4.792	ug/l #	50
38) Carbon Tetrachloride	5.544	117	25118	6.743	ug/l #	15
41) Methacrylonitrile	5.056	41	575	0.280	ug/l #	39
43) Isopropyl Acetate	6.361	43	1434	0.238	ug/l #	62
52) Toluene	8.720	92	6474	0.907	ug/l	98
60) Dibromochloromethane	9.275	129	549	0.201	ug/l #	10
64) Tetrachloroethene	9.281	164	668	0.238	ug/l #	53
68) m/p-Xylenes	10.311	106	2056	0.391	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	82728	26.162	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	82728	84.733	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	961	0.279	ug/l	90
94) Hexachlorobutadiene	13.719	225	908	0.601	ug/l	94
95) Naphthalene	13.780	128	3184	0.301	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	887	0.256	ug/l	96

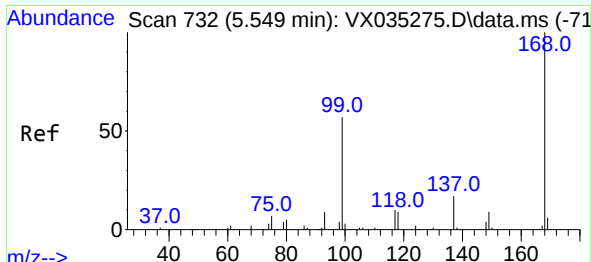
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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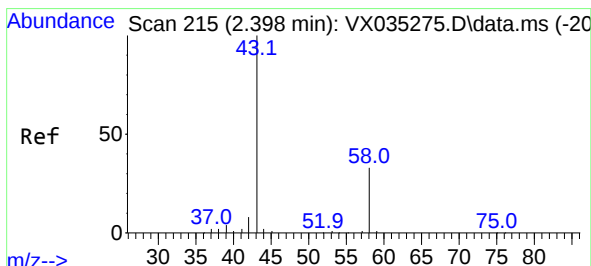
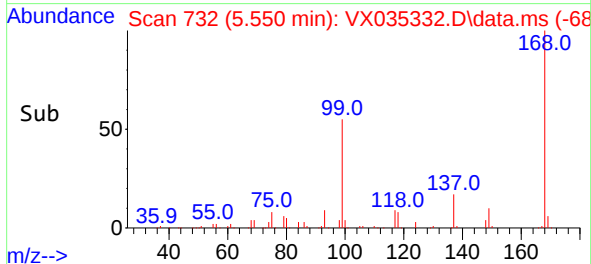
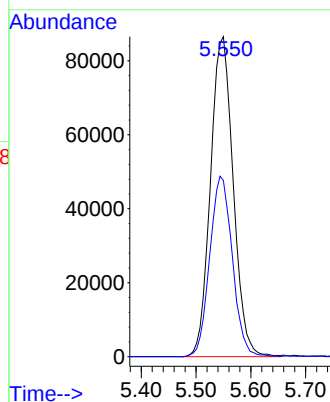
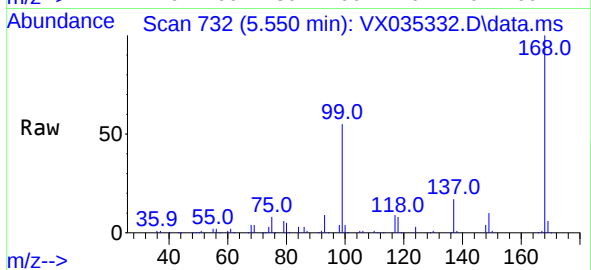




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

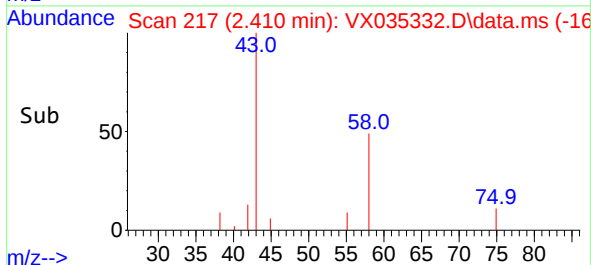
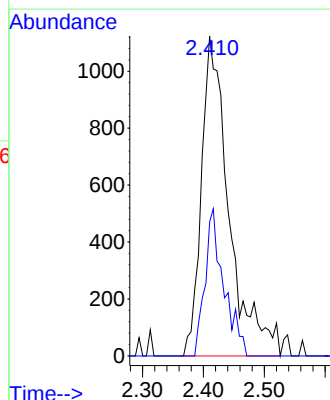
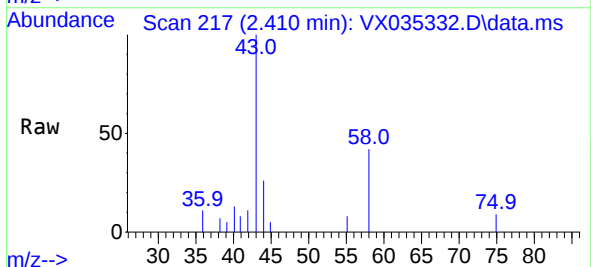
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

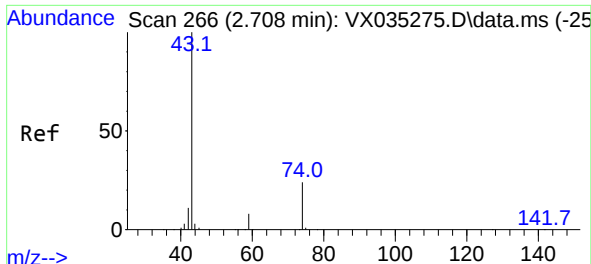
Tgt Ion:168 Resp: 249568
Ion Ratio Lower Upper
168 100
99 55.1 45.7 68.5



#16
Acetone
Concen: 2.707 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 43 Resp: 3540
Ion Ratio Lower Upper
43 100
58 41.9 24.7 37.1#





#18

Methyl Acetate

Concen: 0.294 ug/l

RT: 2.721 min Scan# 2

Delta R.T. 0.013 min

Lab File: VX035332.D

Acq: 27 Apr 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

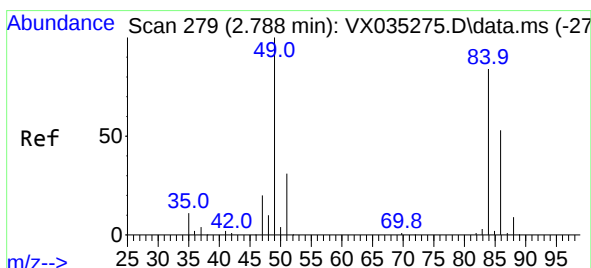
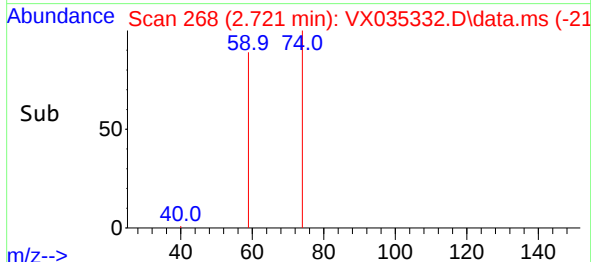
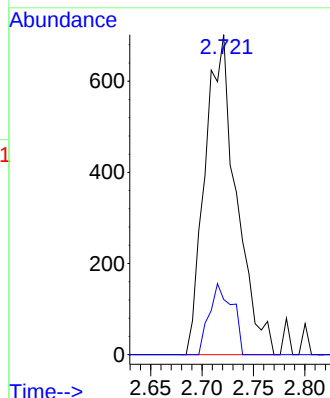
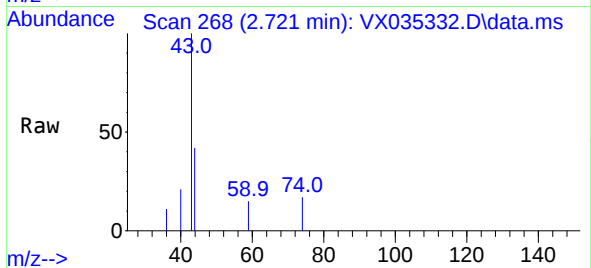
TRE-1715

Tgt Ion: 43 Resp: 1486

Ion Ratio Lower Upper

43 100

74 16.4 18.3 27.5#



#20

Methylene Chloride

Concen: 1.454 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX035332.D

Acq: 27 Apr 2023 11:42

Tgt Ion: 84 Resp: 4361

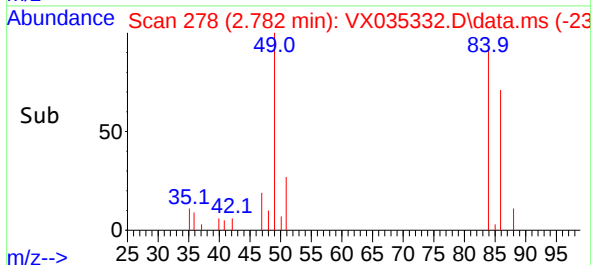
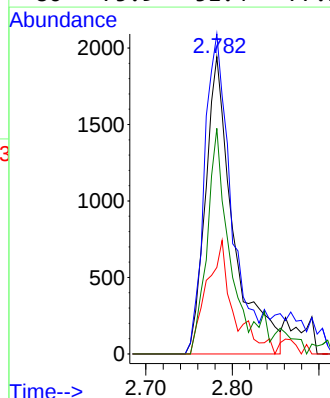
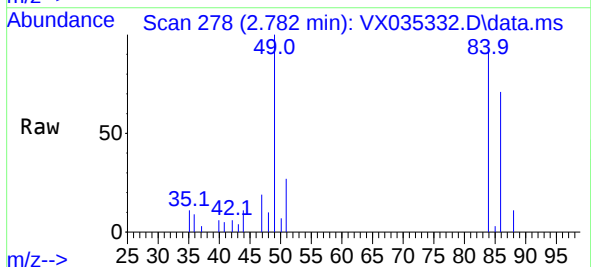
Ion Ratio Lower Upper

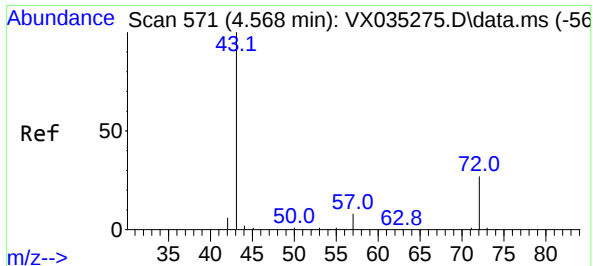
84 100

49 107.7 103.8 155.8

51 29.1 31.8 47.8#

86 75.9 51.4 77.2

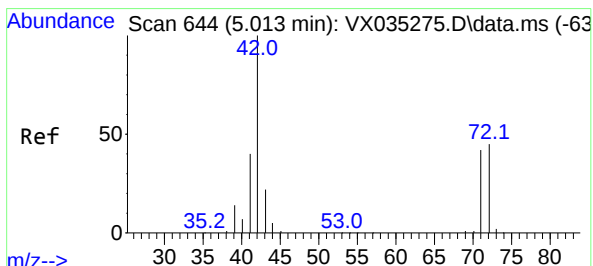
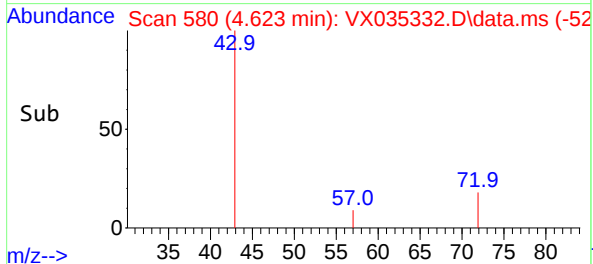
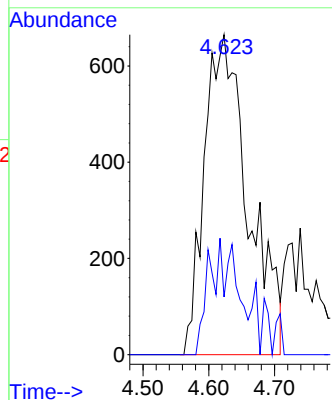
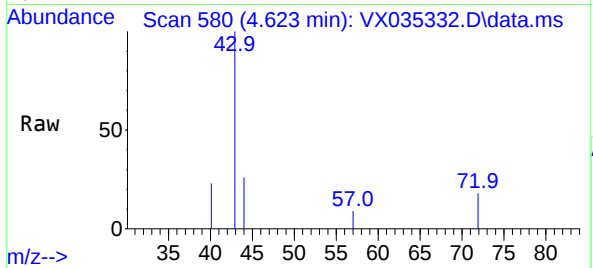




#25
2-Butanone
Concen: 1.612 ug/l
RT: 4.623 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

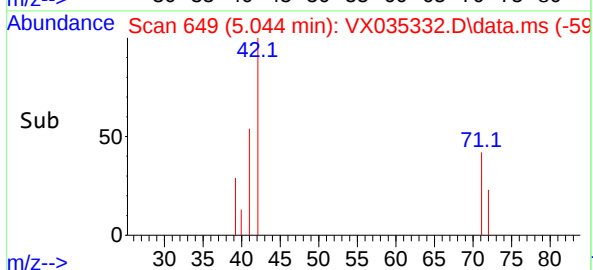
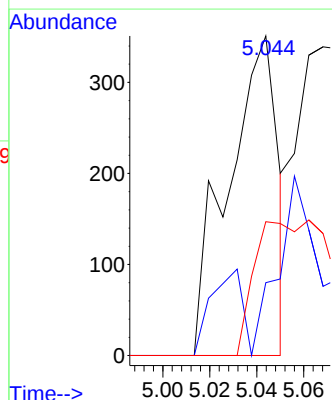
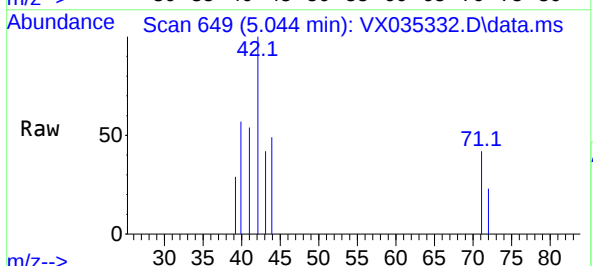
Instrument :
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TRE-1715

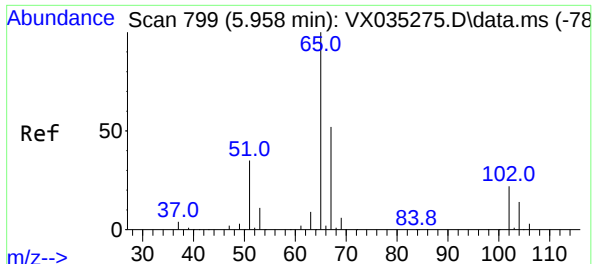
Tgt Ion: 43 Resp: 3076
Ion Ratio Lower Upper
43 100
72 18.0 19.3 28.9#



#29
Tetrahydrofuran
Concen: 0.424 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 42 Resp: 519
Ion Ratio Lower Upper
42 100
72 16.8 34.5 51.7#
71 0.0 32.1 48.1#

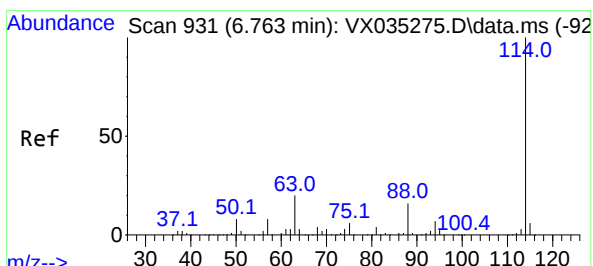
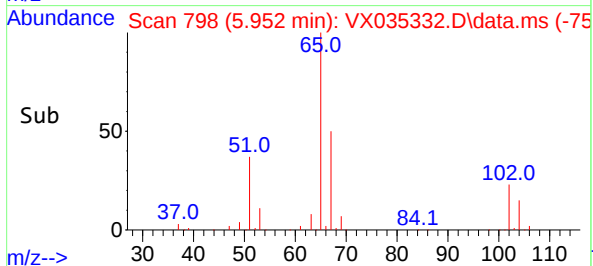
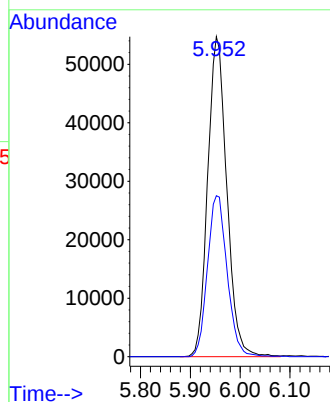
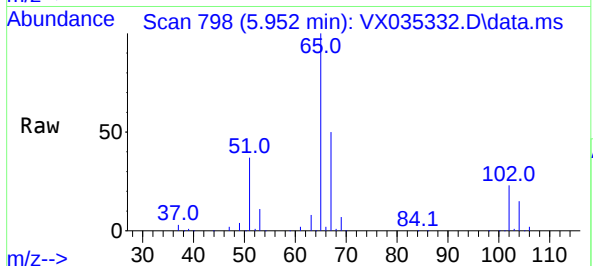




#33
1,2-Dichloroethane-d4
Concen: 48.254 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

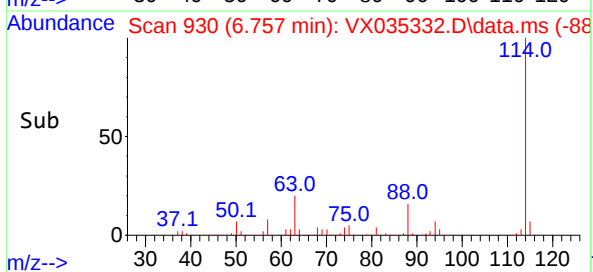
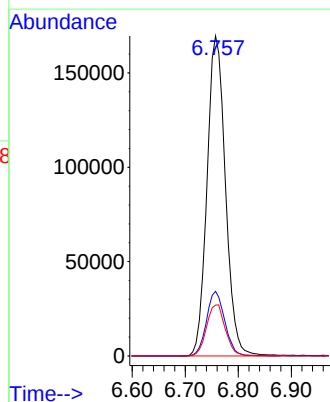
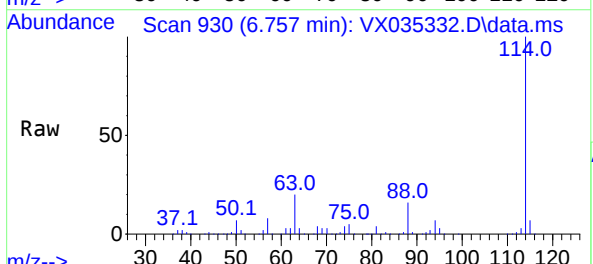
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

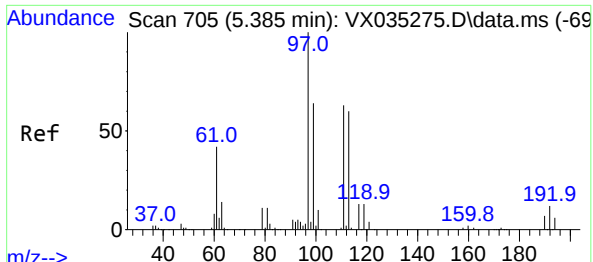
Tgt Ion: 65 Resp: 145287
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 114 Resp: 409469
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.2
88 15.9 0.0 33.2

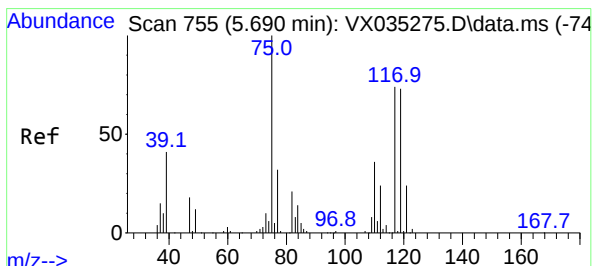
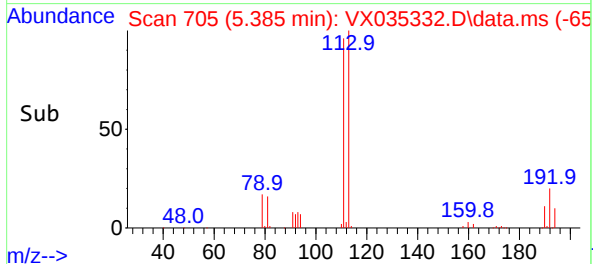
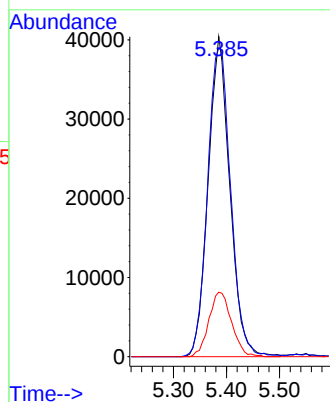
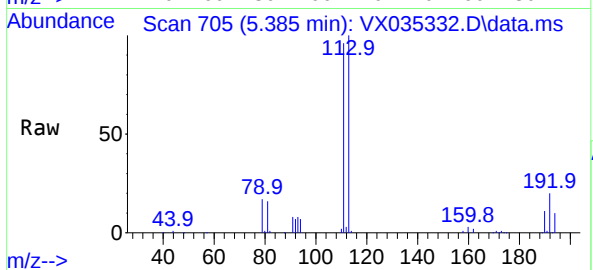




#35
Dibromofluoromethane
Concen: 45.563 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

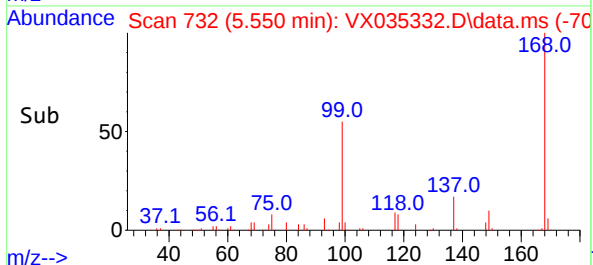
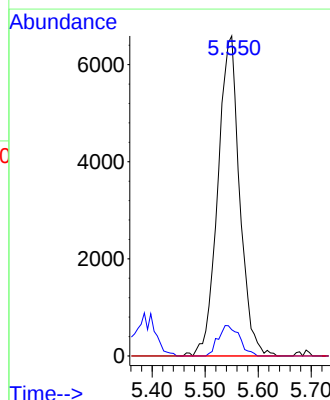
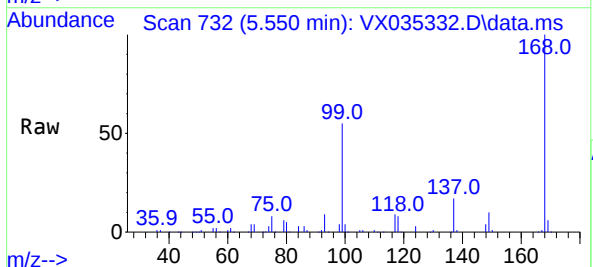
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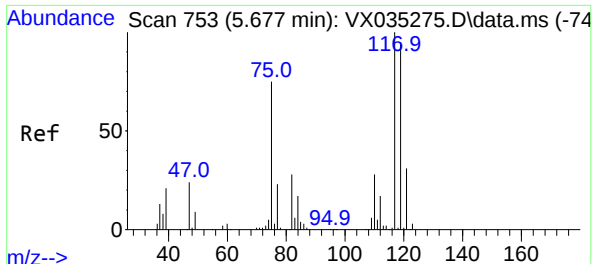
Tgt Ion:113 Resp: 114510
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 21.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

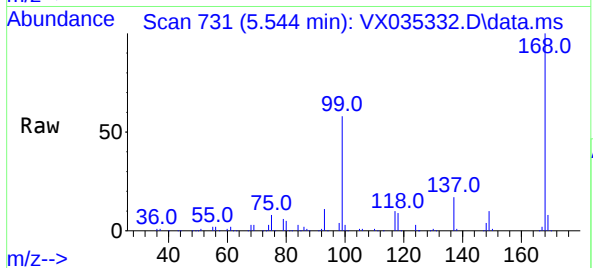
Tgt Ion: 75 Resp: 18804
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



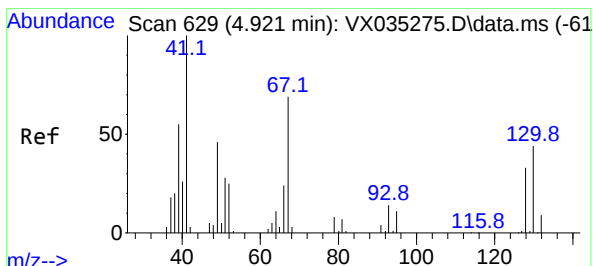
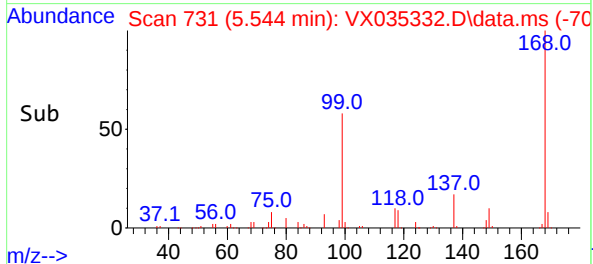
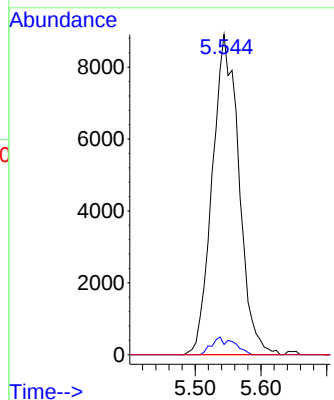


#38
Carbon Tetrachloride
Concen: 6.743 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Instrument :
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ClientSampleId :
TRE-1715

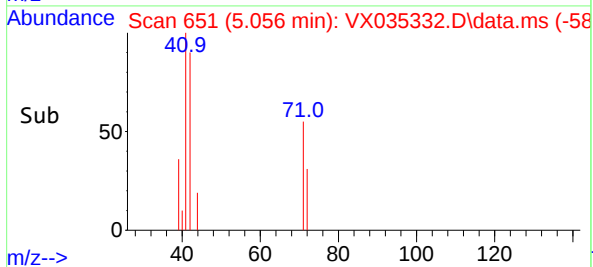
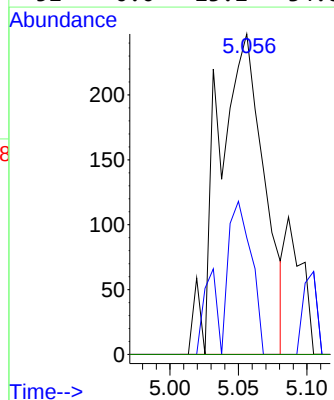
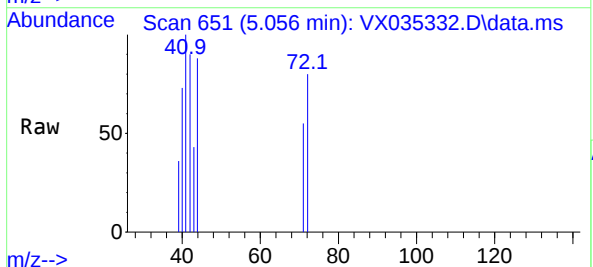


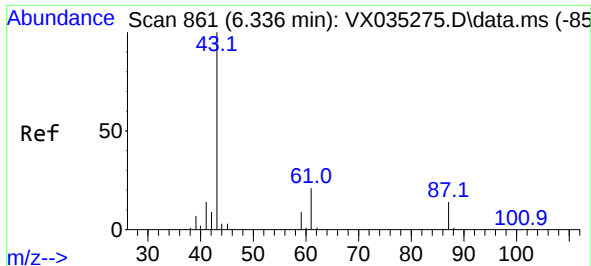
Tgt Ion:117 Resp: 25118
Ion Ratio Lower Upper
117 100
119 3.2 76.6 114.8#
121 0.0 23.8 35.6#



#41
Methacrylonitrile
Concen: 0.280 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.135 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 41 Resp: 575
Ion Ratio Lower Upper
41 100
39 31.3 45.0 67.6#
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#

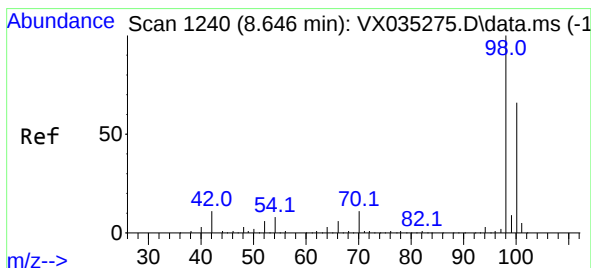
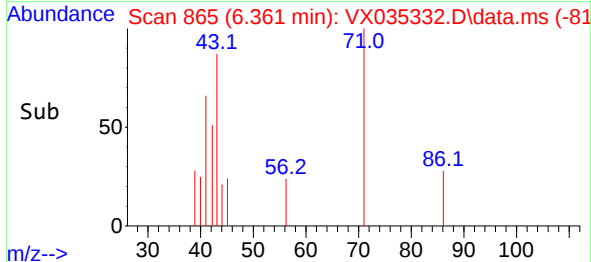
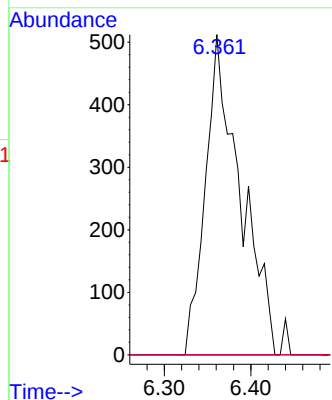
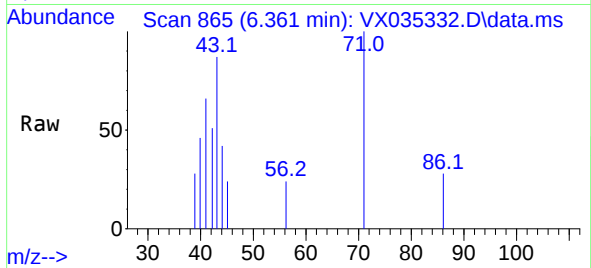




#43
Isopropyl Acetate
Concen: 0.238 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.025 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

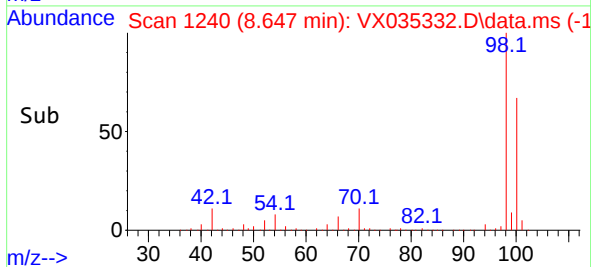
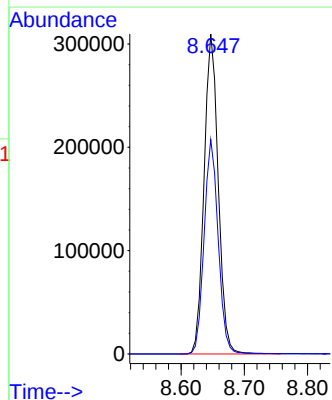
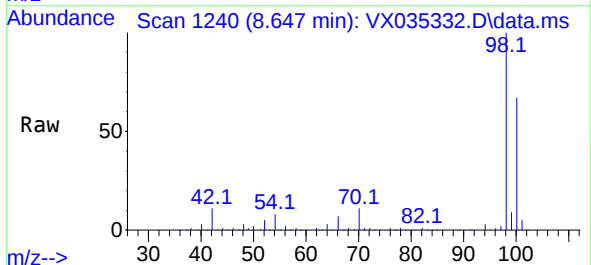
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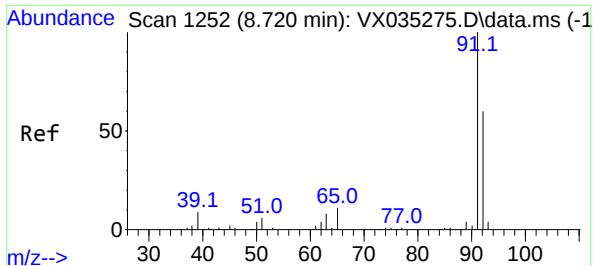
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Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 51.004 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 98 Resp: 483551
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#52

Toluene

Concen: 0.907 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035332.D

Acq: 27 Apr 2023 11:42

Instrument :

MSVOA_X

ClientSampleId :

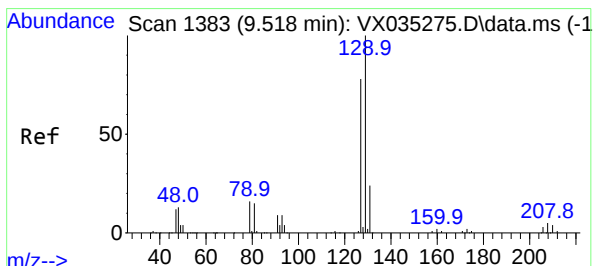
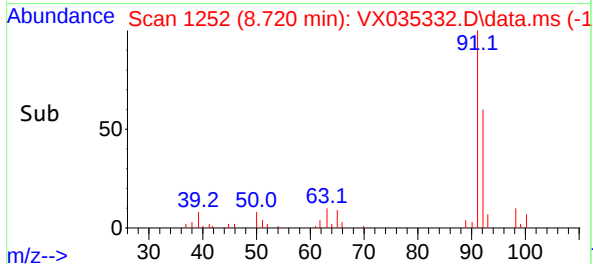
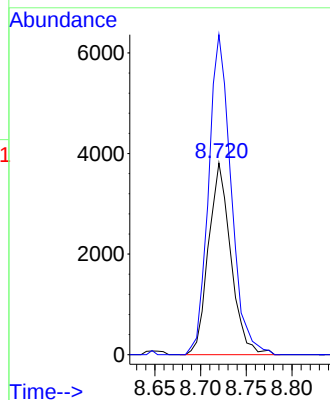
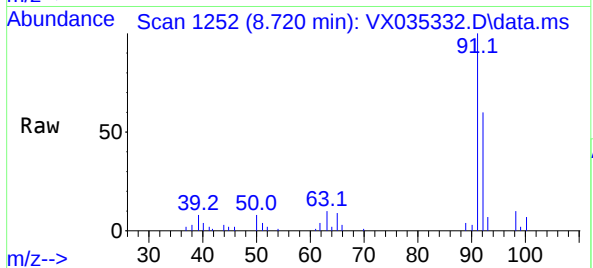
TRE-1715

Tgt Ion: 92 Resp: 6474

Ion Ratio Lower Upper

92 100

91 168.3 136.8 205.2



#60

Dibromochloromethane

Concen: 0.201 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.243 min

Lab File: VX035332.D

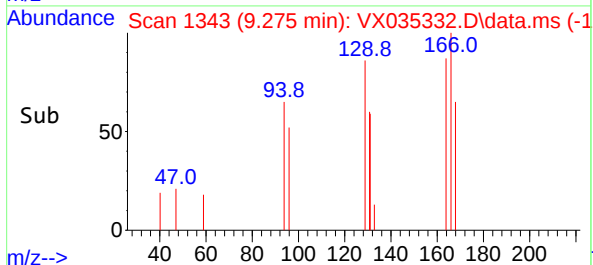
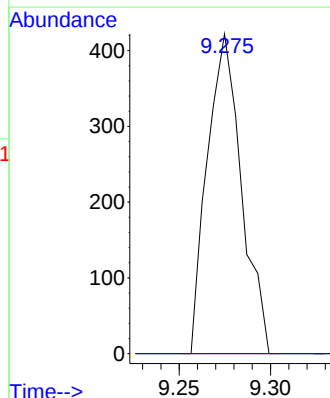
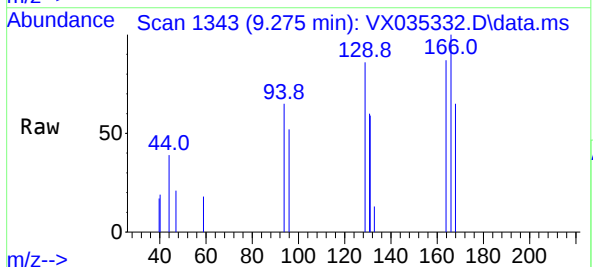
Acq: 27 Apr 2023 11:42

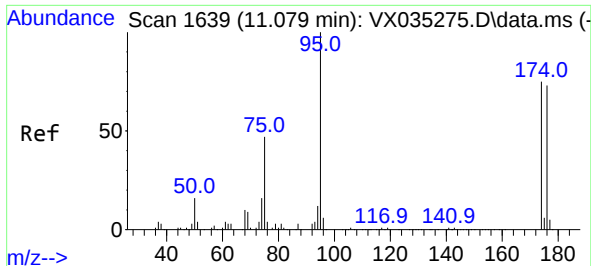
Tgt Ion: 129 Resp: 549

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

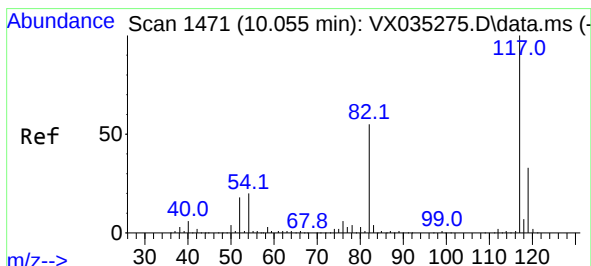
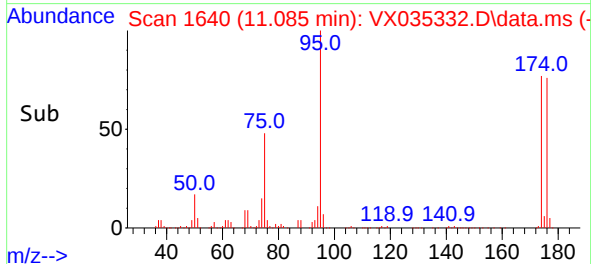
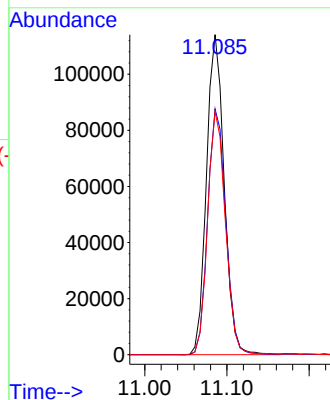
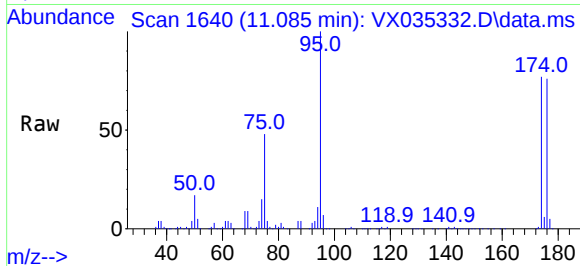




#62
4-Bromofluorobenzene
Concen: 47.882 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

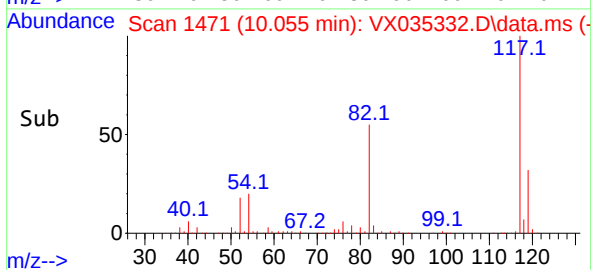
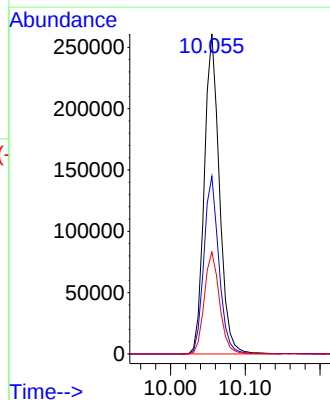
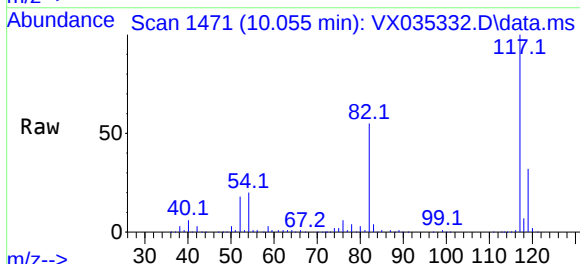
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

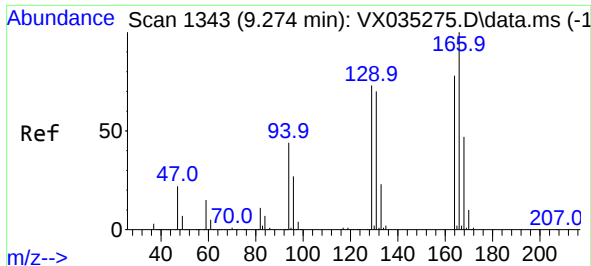
Tgt Ion: 95 Resp: 170768
Ion Ratio Lower Upper
95 100
174 78.7 0.0 147.4
176 76.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 117 Resp: 366097
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 31.8 26.0 39.0

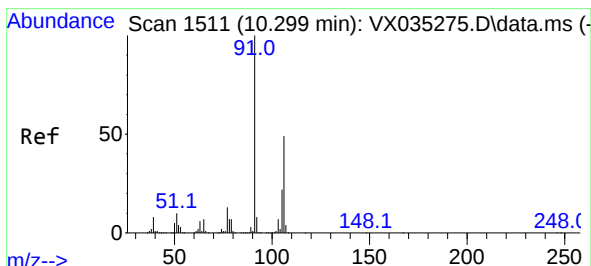
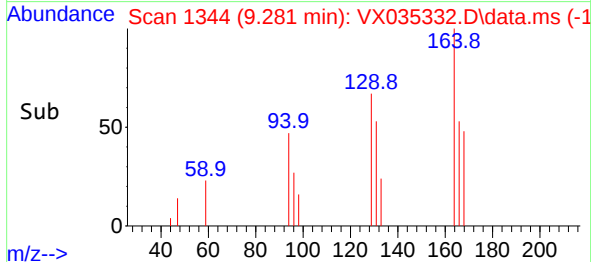
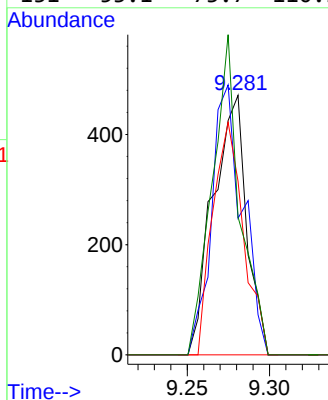
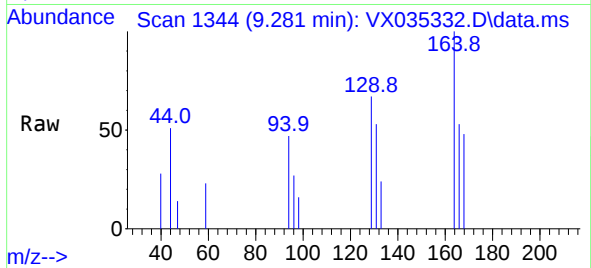




#64
Tetrachloroethene
Concen: 0.238 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

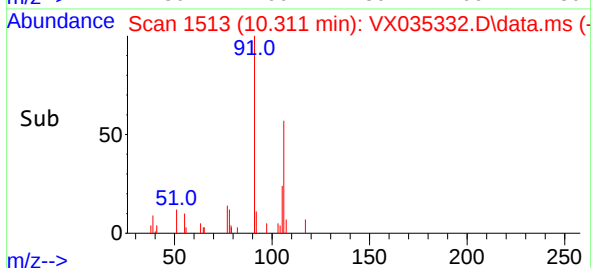
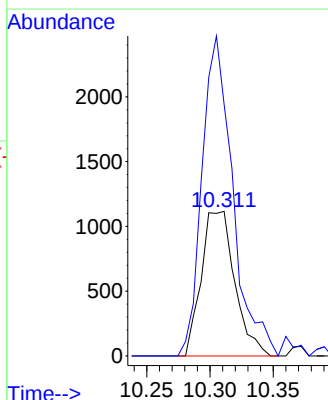
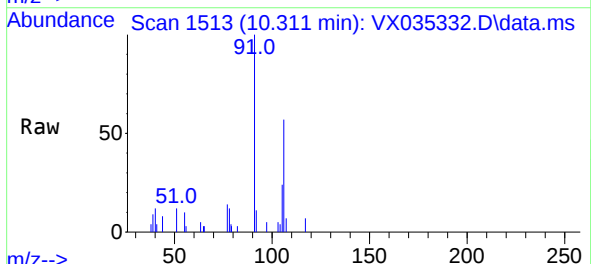
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

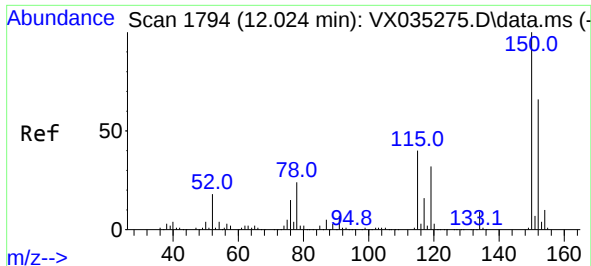
Tgt Ion:164 Resp: 668
Ion Ratio Lower Upper
164 100
166 52.7 102.7 154.1#
129 66.9 75.6 113.4#
131 53.1 73.7 110.5#



#68
m/p-Xylenes
Concen: 0.391 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion:106 Resp: 2056
Ion Ratio Lower Upper
106 100
91 203.2 164.0 246.0

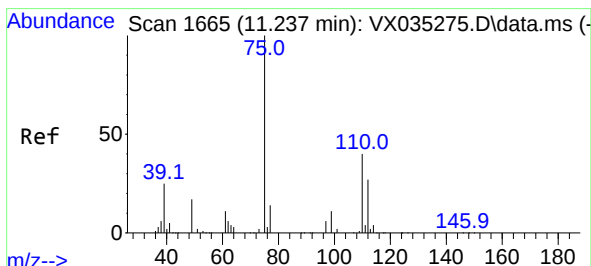
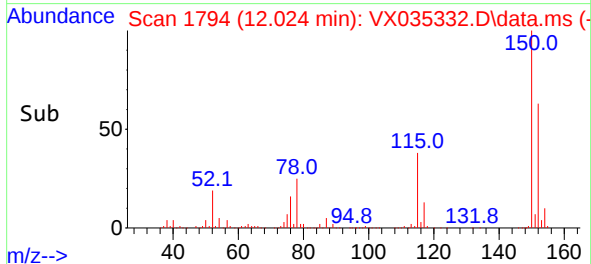
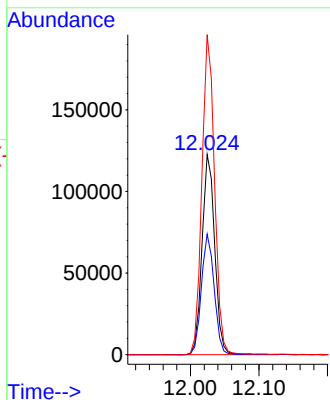
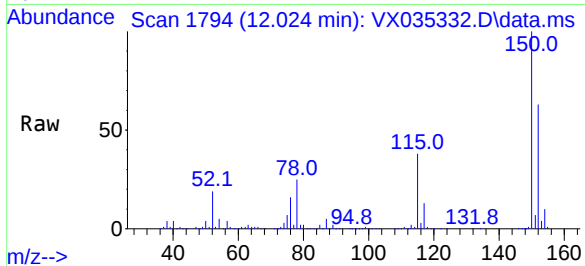




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

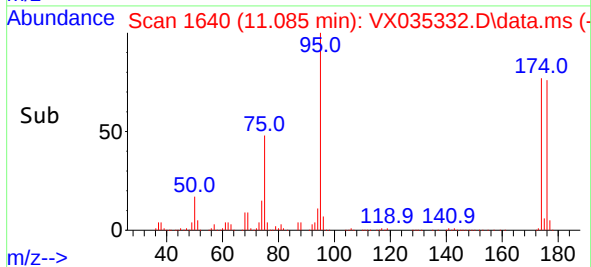
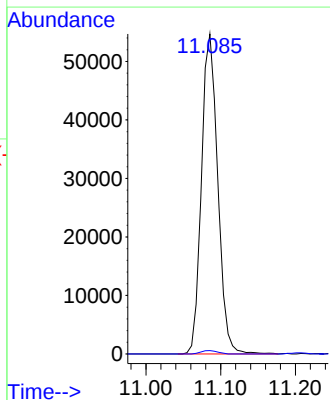
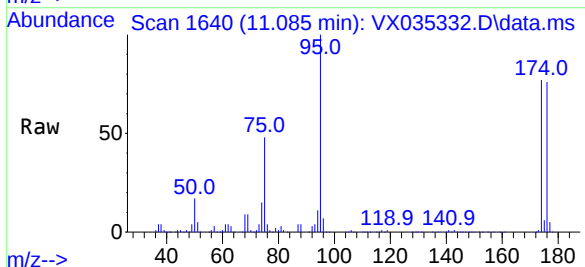
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

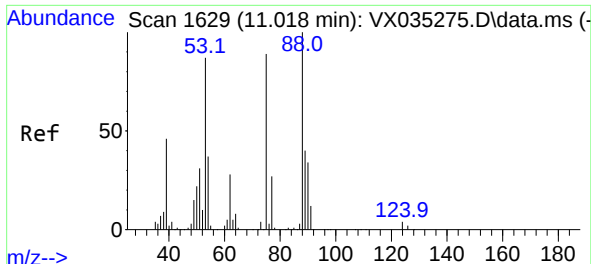
Tgt Ion:152 Resp: 158523
Ion Ratio Lower Upper
152 100
115 60.9 45.0 135.0
150 159.3 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.162 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion: 75 Resp: 82728
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#

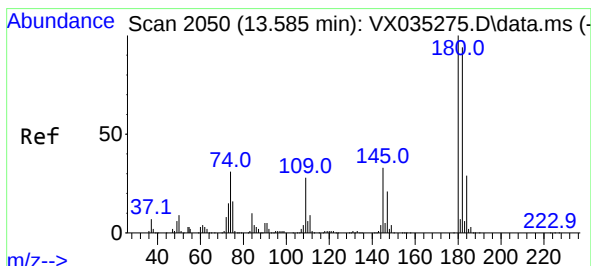
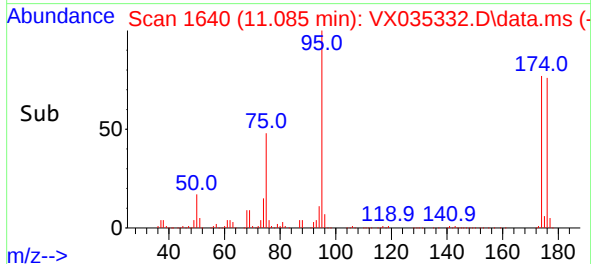
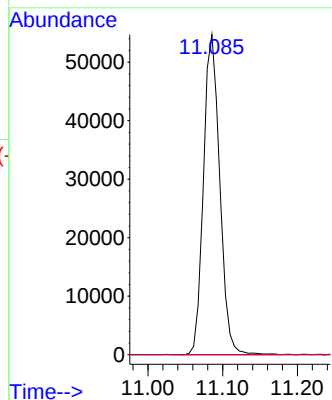
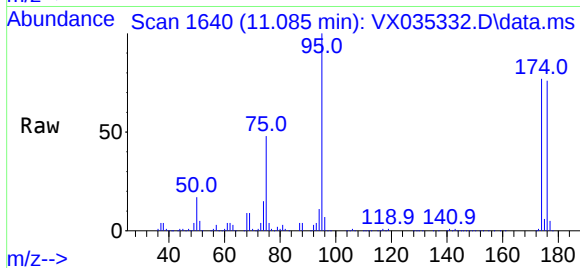




#81
trans-1,4-Dichloro-2-butene
Concen: 84.733 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

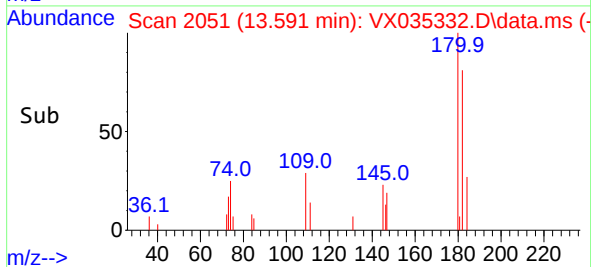
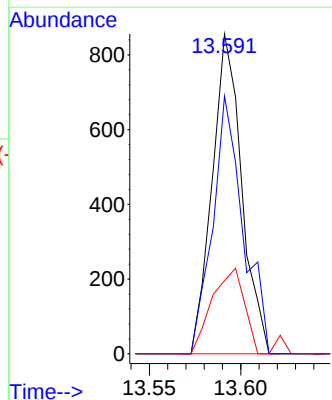
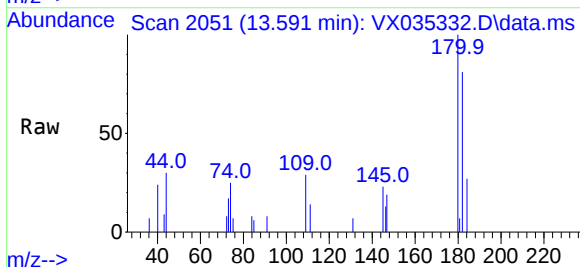
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

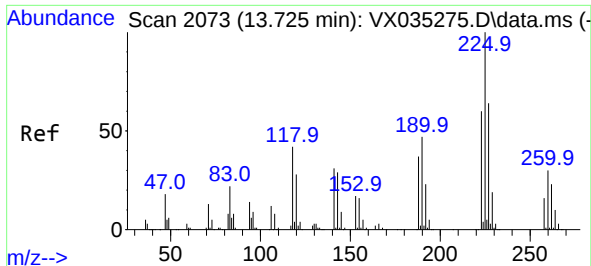
Tgt Ion: 75 Resp: 82728
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.279 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

Tgt Ion:180 Resp: 961
Ion Ratio Lower Upper
180 100
182 82.9 47.0 141.0
145 29.2 15.9 47.7

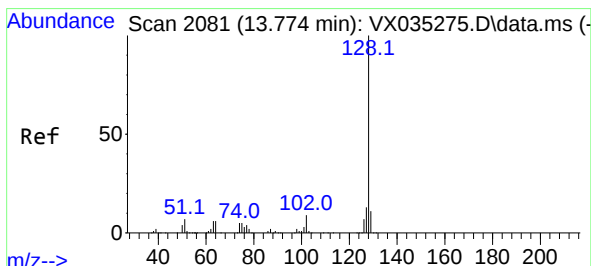
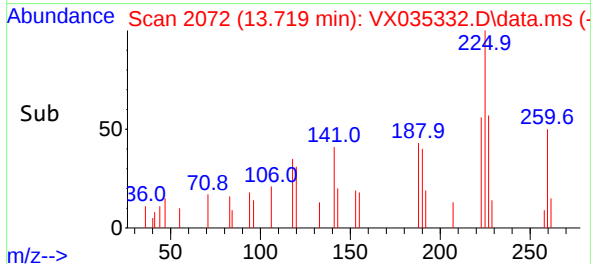
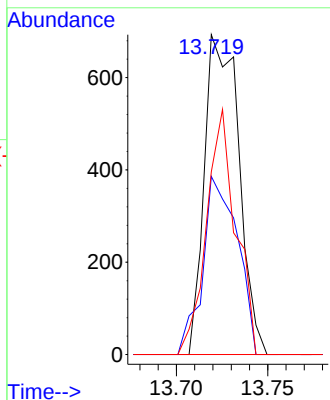
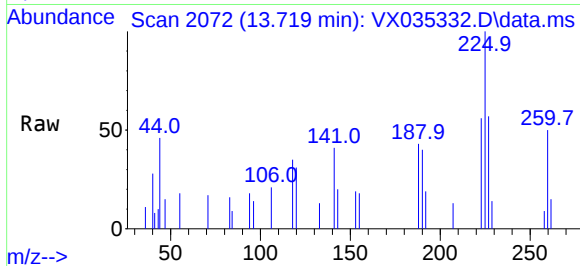




#94
Hexachlorobutadiene
Concen: 0.601 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

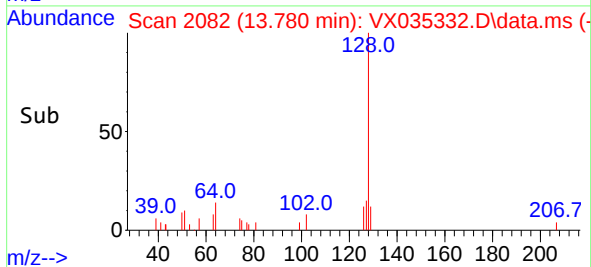
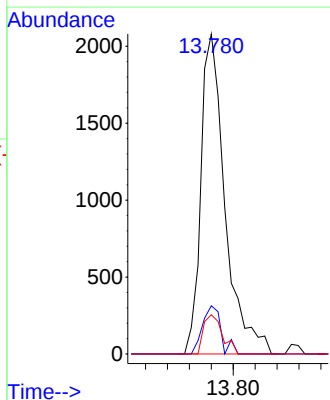
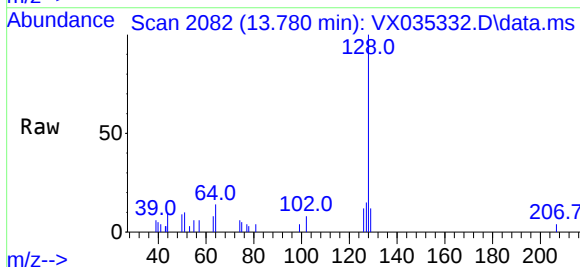
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715

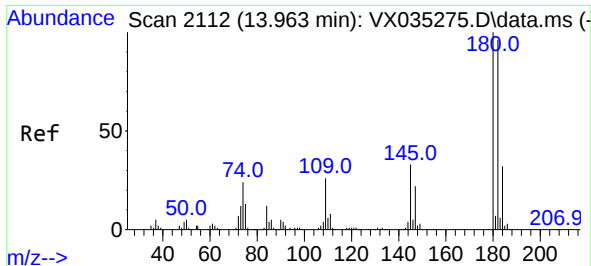
Tgt Ion:225 Resp: 908
Ion Ratio Lower Upper
225 100
223 56.3 32.1 96.5
227 65.2 31.8 95.4



#95
Naphthalene
Concen: 0.301 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035332.D
Acq: 27 Apr 2023 11:42

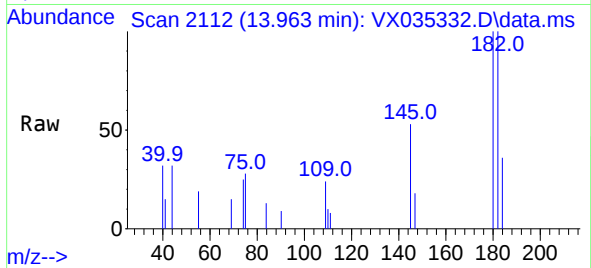
Tgt Ion:128 Resp: 3184
Ion Ratio Lower Upper
128 100
127 11.5 10.2 15.4
129 9.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.256 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035332.D
 Acq: 27 Apr 2023 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1715



Tgt Ion:180 Resp: 887
 Ion Ratio Lower Upper
 180 100
 182 98.2 48.0 144.2
 145 40.8 17.7 53.1

