

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028427.D
 Acq On : 29 Apr 2022 16:36
 Operator : JC/MD
 Sample : N2640-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-042922

Quant Time: Apr 30 09:15:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

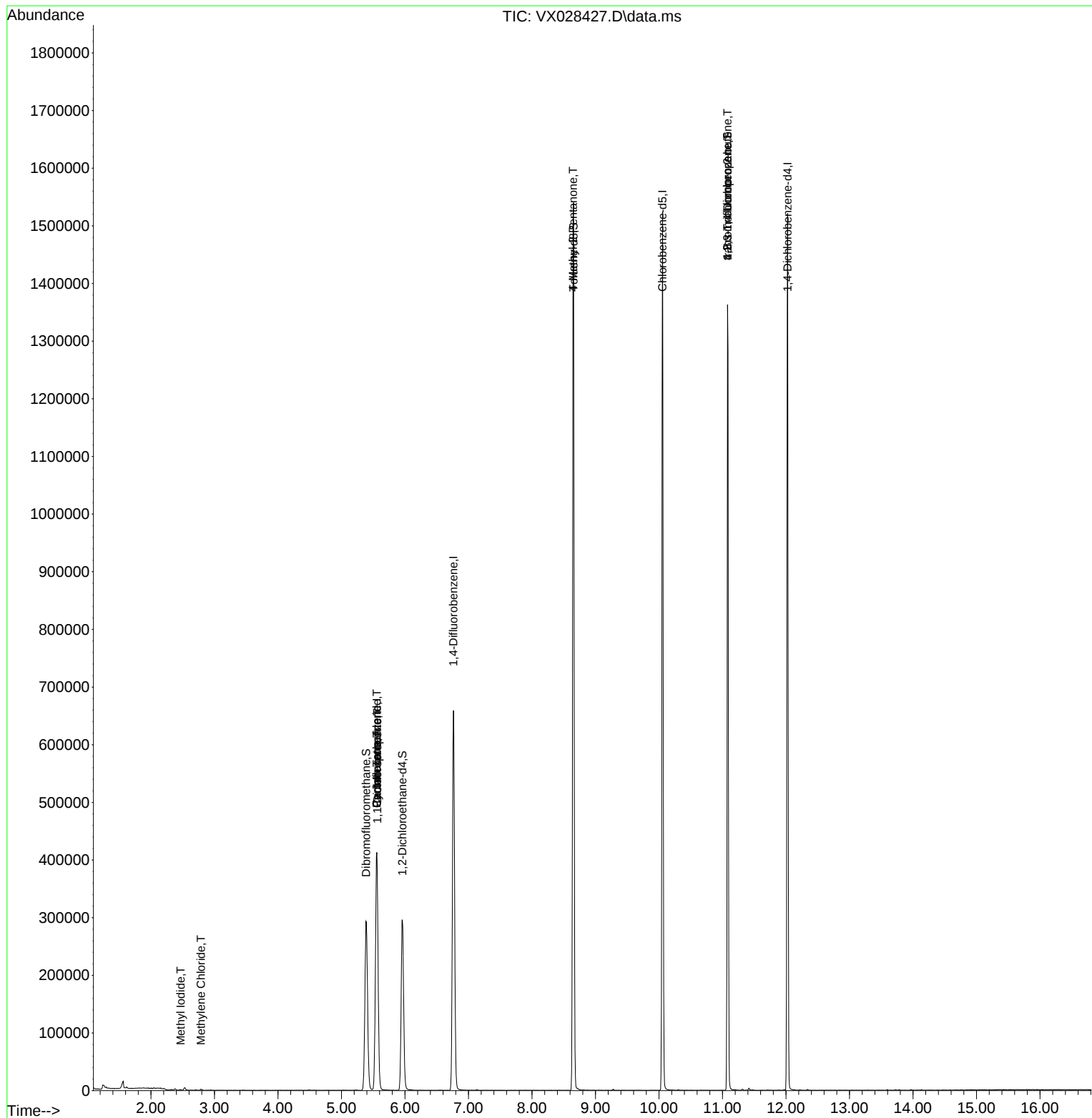
Internal Standards						
1) Pentafluorobenzene	5.556	168	404497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	703516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	685316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	320373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	282289	53.523	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.040%			
35) Dibromofluoromethane	5.385	113	254768	51.638	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.280%			
50) Toluene-d8	8.653	98	943945	49.814	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.620%			
62) 4-Bromofluorobenzene	11.079	95	348339	48.077	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.160%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	754	Below Cal	#	54
5) Bromomethane	1.612	94	1146	Below Cal		97
6) Chloroethane	1.660	64	156	Below Cal	#	43
10) Methyl Iodide	2.465	142	1120	5.458	ug/l	95
11) Tert butyl alcohol	2.953	59	280	Below Cal	#	72
16) Acetone	2.374	43	2244	Below Cal		94
20) Methylene Chloride	2.788	84	933	0.238	ug/l #	82
31) Cyclohexane	5.556	56	7775	1.210	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	29512	4.586	ug/l #	50
38) Carbon Tetrachloride	5.556	117	41380	5.696	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	3531	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	176372	27.973	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	176372	83.127	ug/l #	15

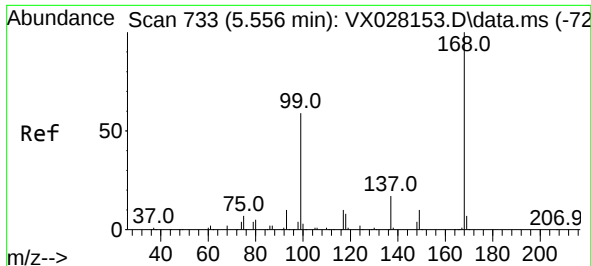
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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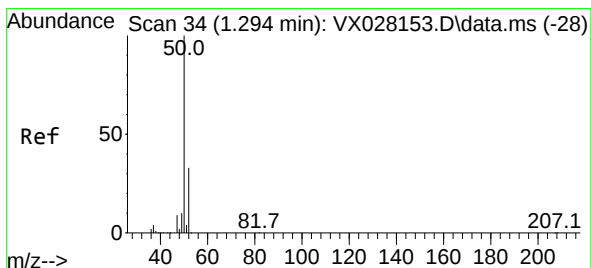
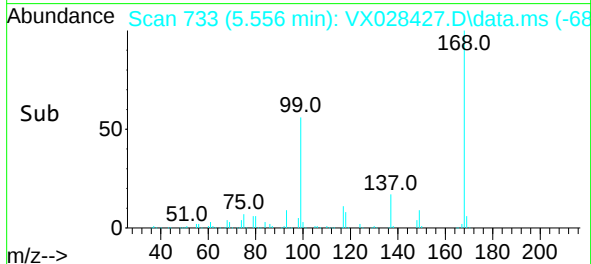
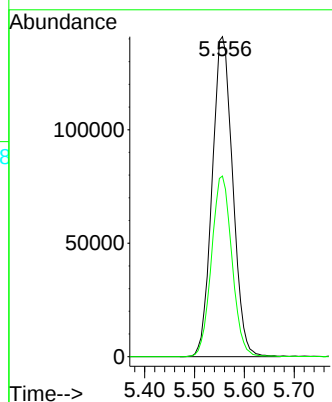
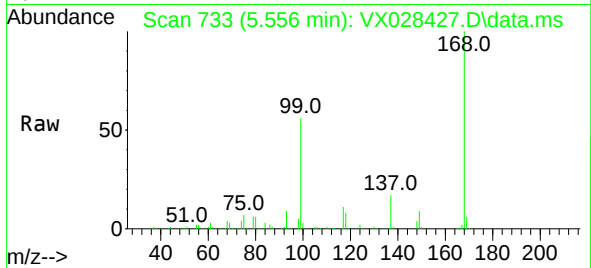




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

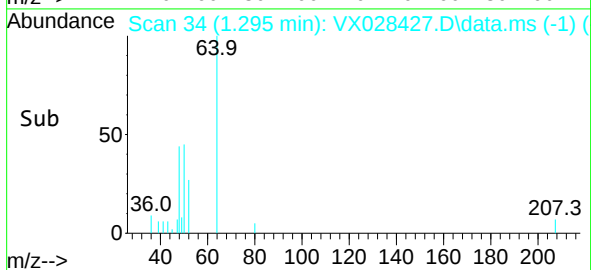
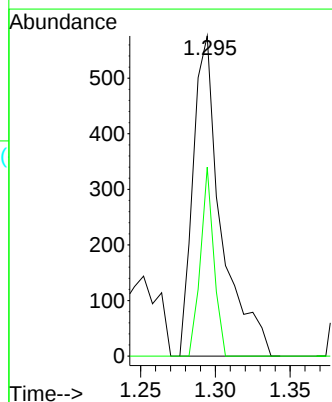
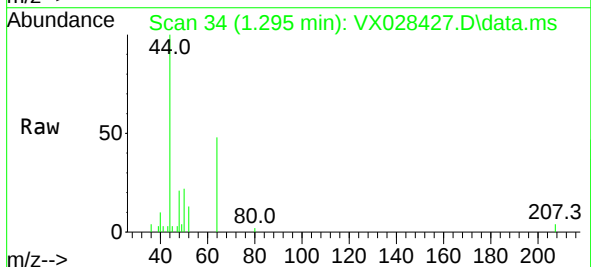
Instrument :
MSVOA_X
ClientSampleId :
TB-01-042922

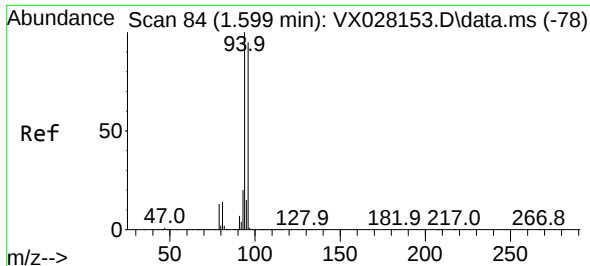
Tgt Ion:168 Resp: 404497
Ion Ratio Lower Upper
168 100
99 56.4 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

Tgt Ion: 50 Resp: 754
Ion Ratio Lower Upper
50 100
52 59.0 26.4 39.6#

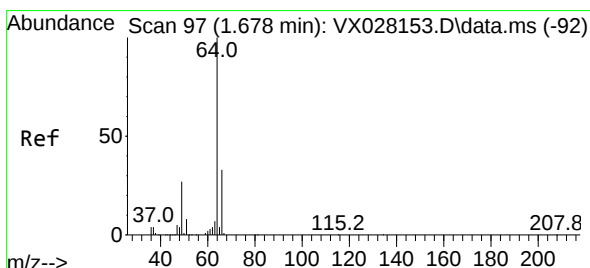
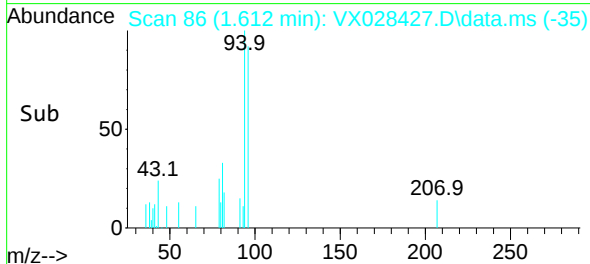
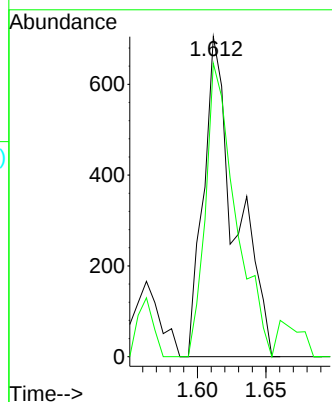
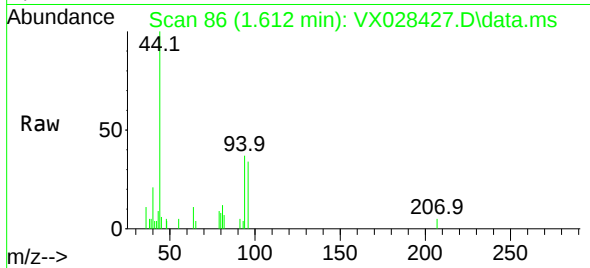




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

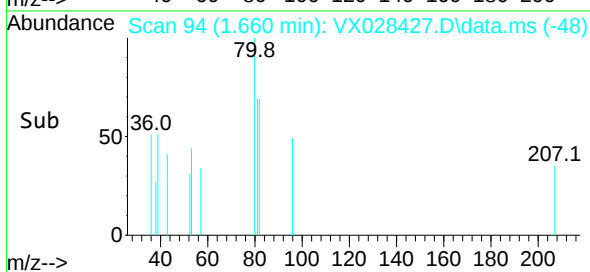
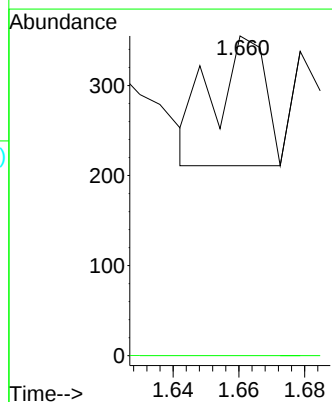
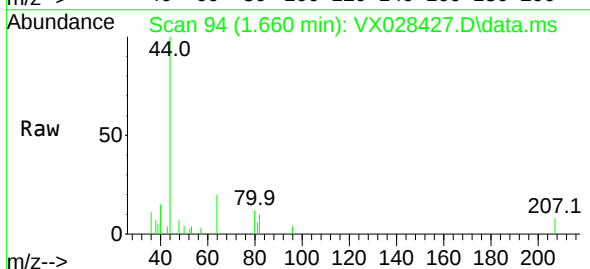
Instrument :
MSVOA_X
ClientSampleId :
TB-01-042922

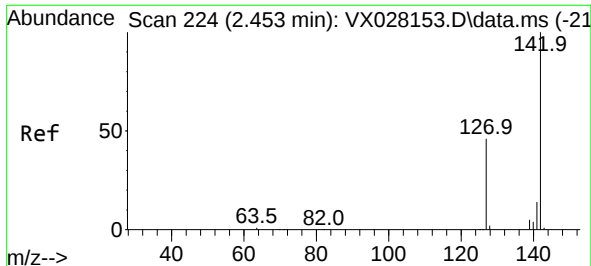
Tgt Ion: 94 Resp: 1146
Ion Ratio Lower Upper
94 100
96 91.6 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

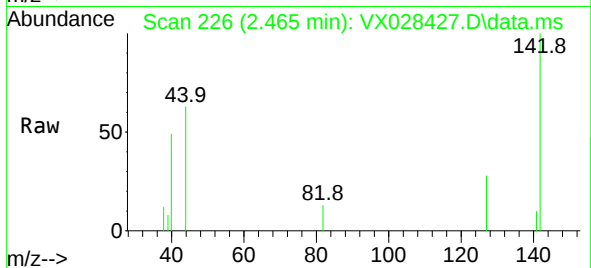
Tgt Ion: 64 Resp: 156
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



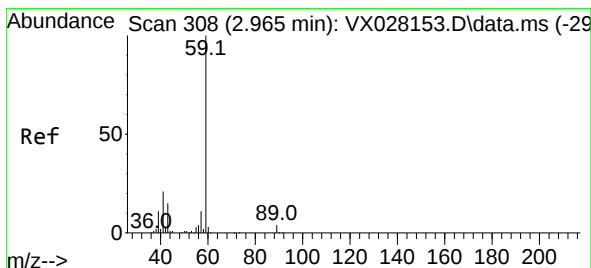
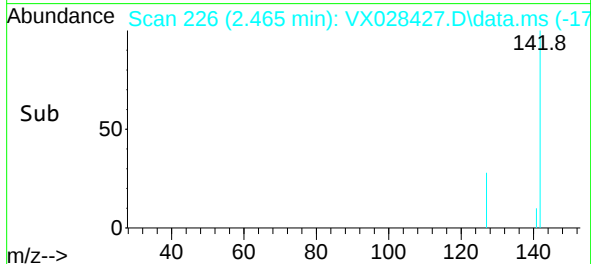
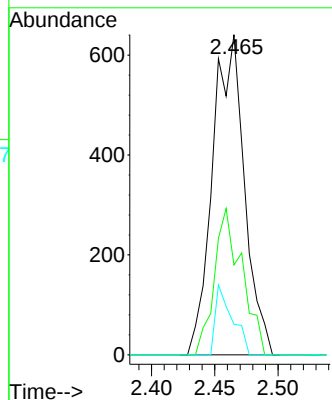


#10
Methyl Iodide
Concen: 5.458 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

Instrument :
MSVOA_X
ClientSampleId :
TB-01-042922

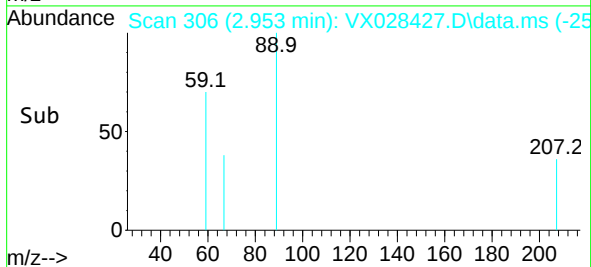
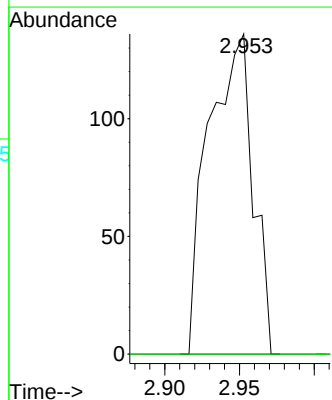
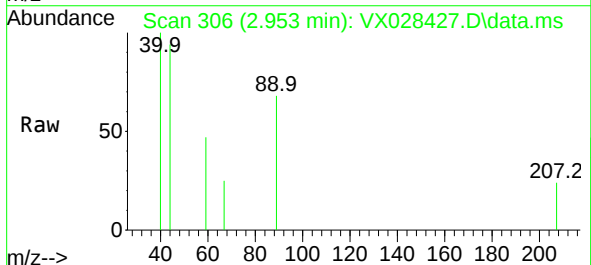


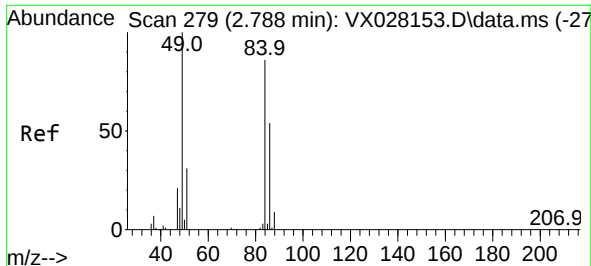
Tgt Ion:142 Resp: 1120
Ion Ratio Lower Upper
142 100
127 39.5 33.9 50.9
141 11.7 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

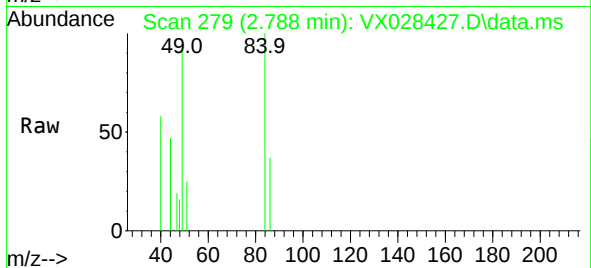
Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



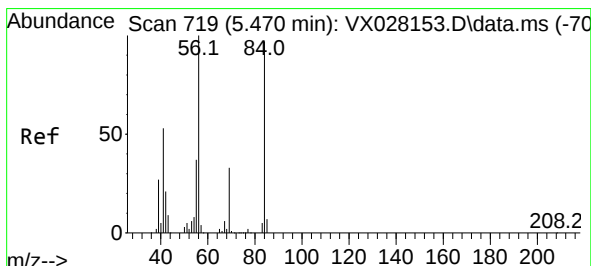
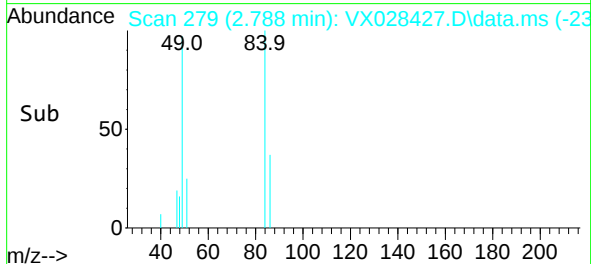
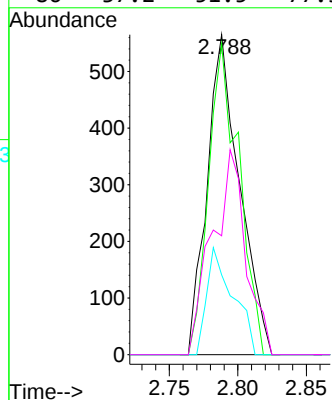


#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

Instrument :
MSVOA_X
ClientSampleId :
TB-01-042922

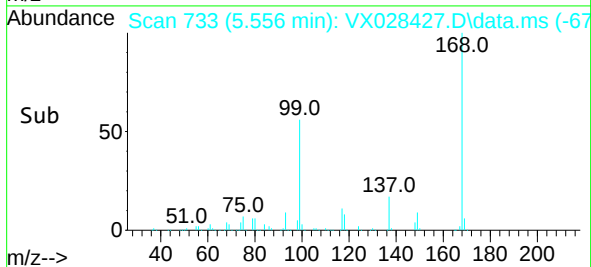
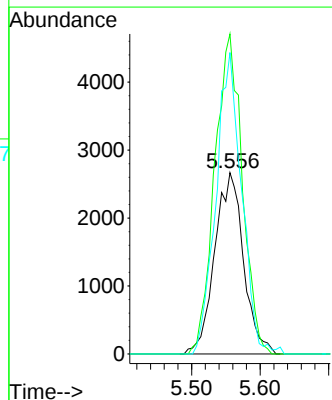
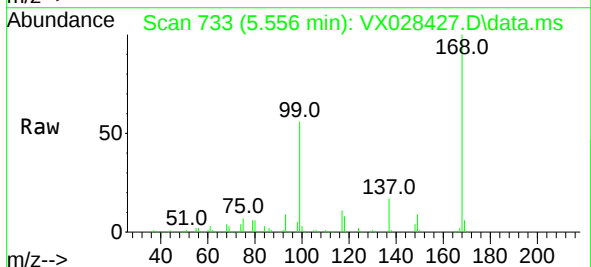


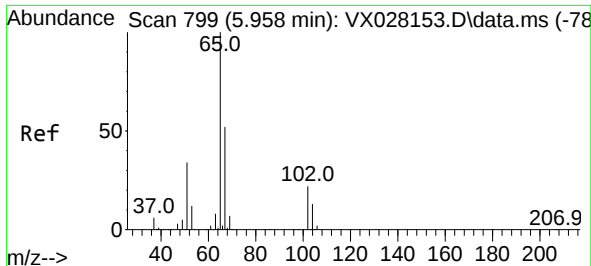
Tgt Ion:	84	Resp:	933
Ion	Ratio	Lower	Upper
84	100		
49	97.2	85.5	128.3
51	25.0	26.6	39.8#
86	37.2	51.5	77.3#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

Tgt Ion:	56	Resp:	7775
Ion	Ratio	Lower	Upper
56	100		
69	176.5	26.7	40.1#
84	166.3	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 53.523 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028427.D

Acq: 29 Apr 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

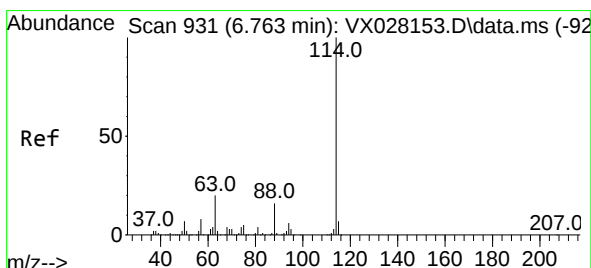
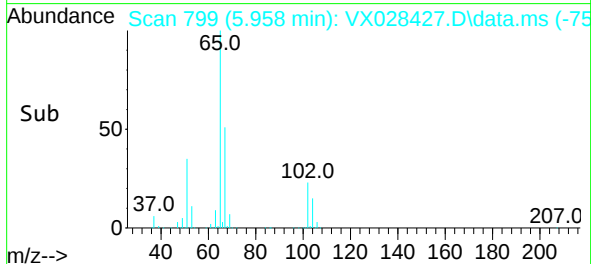
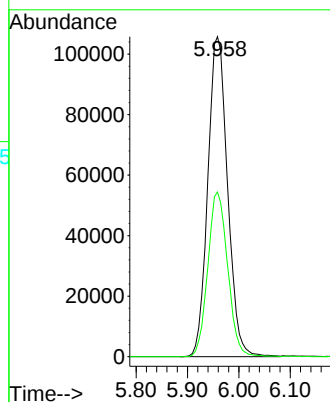
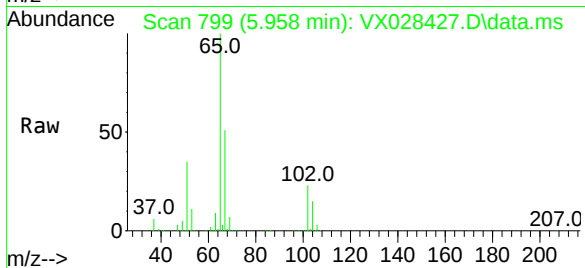
TB-01-042922

Tgt Ion: 65 Resp: 282289

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028427.D

Acq: 29 Apr 2022 16:36

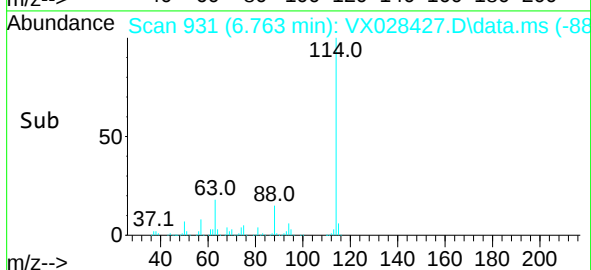
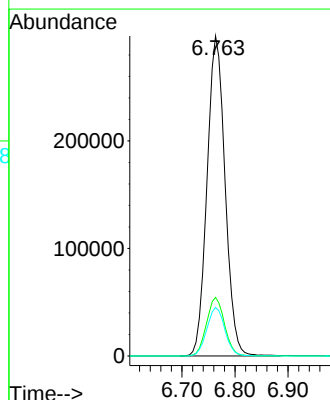
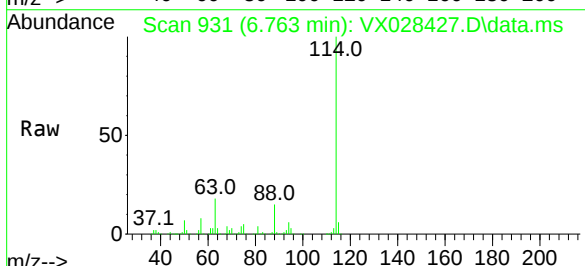
Tgt Ion: 114 Resp: 703516

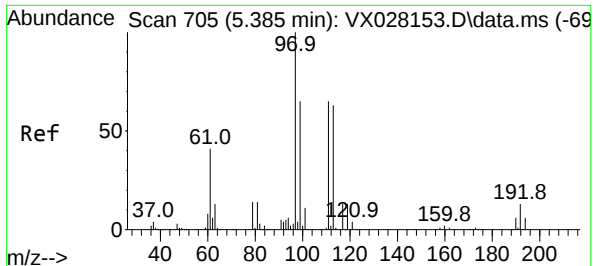
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

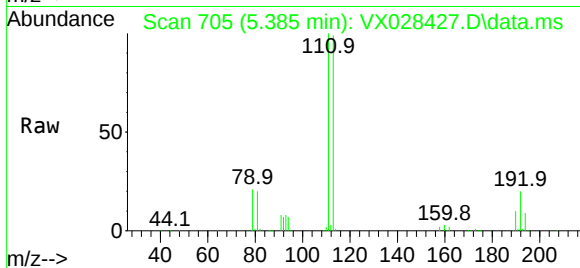
88 15.1 0.0 32.4



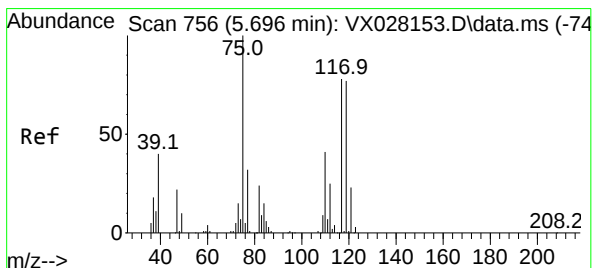
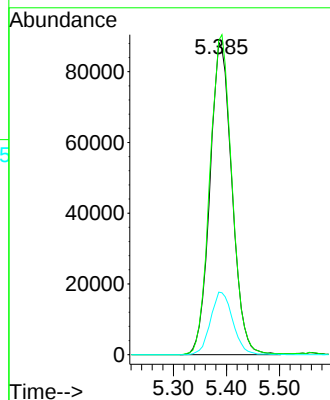
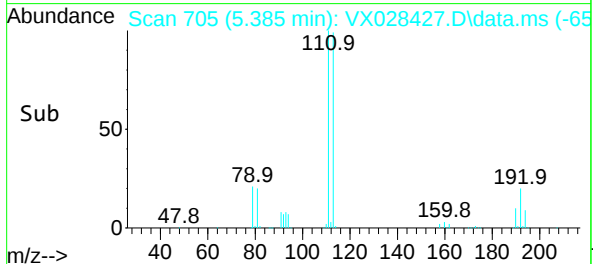


#35
Dibromofluoromethane
Concen: 51.638 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

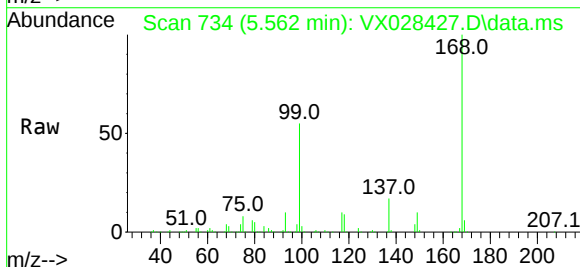
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TB-01-042922



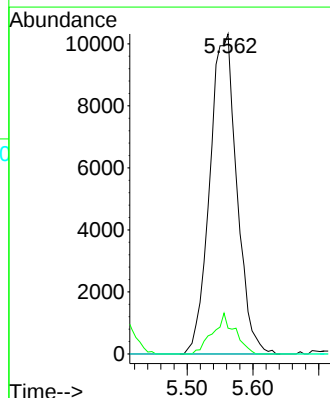
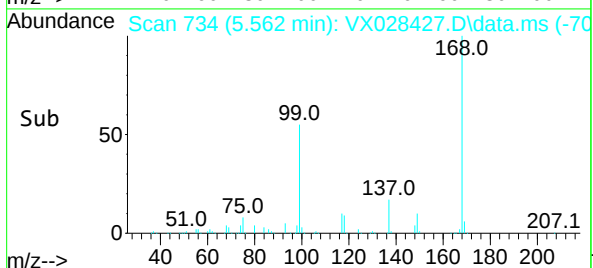
Tgt Ion:113 Resp: 254768
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 20.3 16.9 25.3

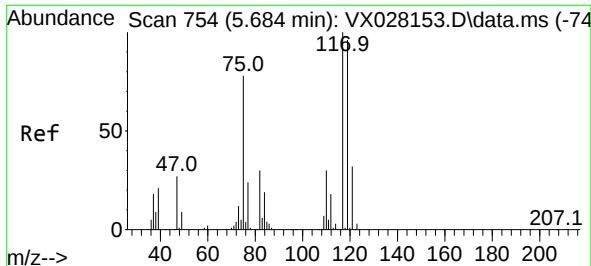


#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36



Tgt Ion: 75 Resp: 29512
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#

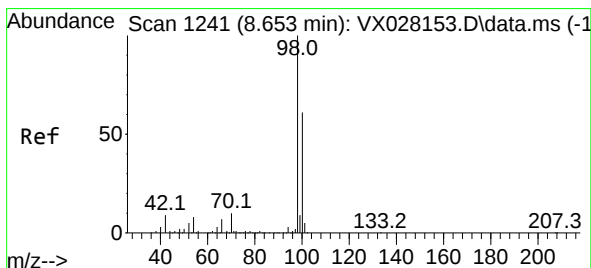
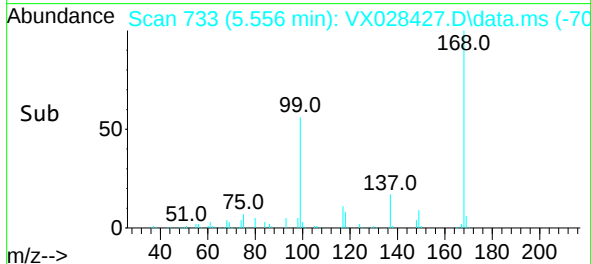
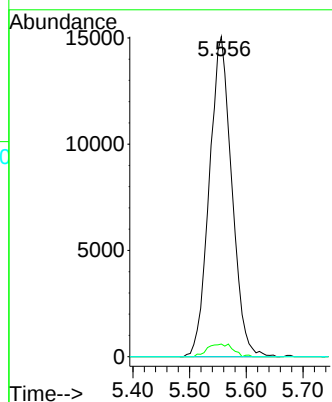
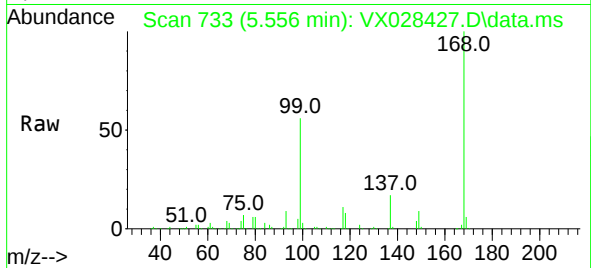




#38
Carbon Tetrachloride
Concen: 5.696 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

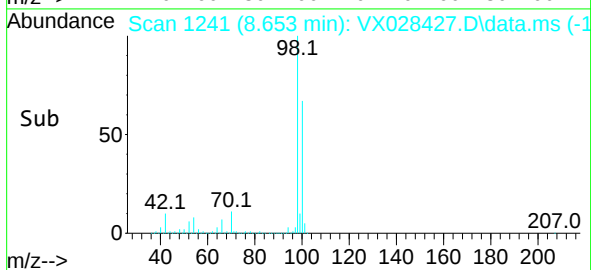
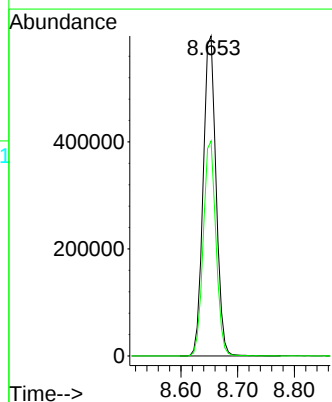
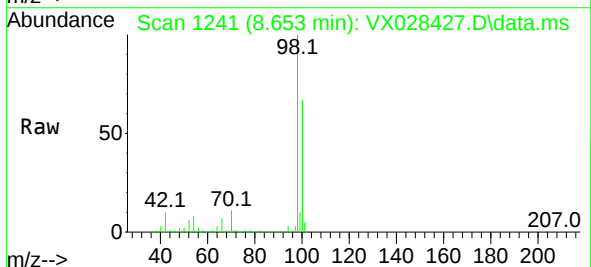
Instrument :
MSVOA_X
ClientSampleId :
TB-01-042922

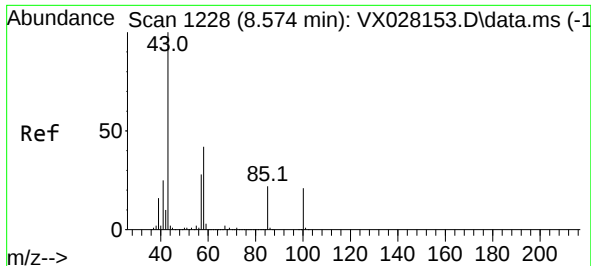
Tgt Ion:117 Resp: 41380
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.814 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

Tgt Ion: 98 Resp: 943945
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.518 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX028427.D

Acq: 29 Apr 2022 16:36

Instrument :

MSVOA_X

ClientSampleId :

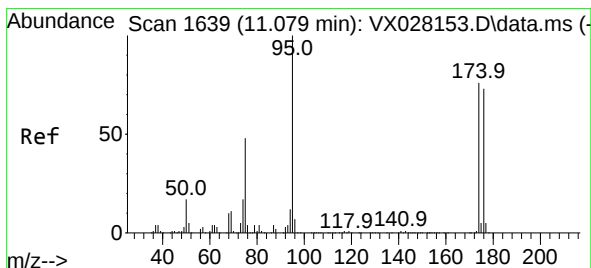
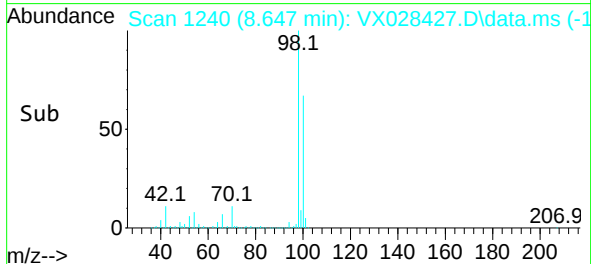
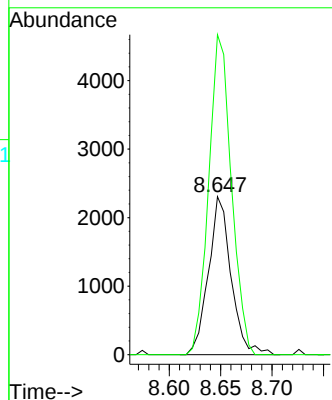
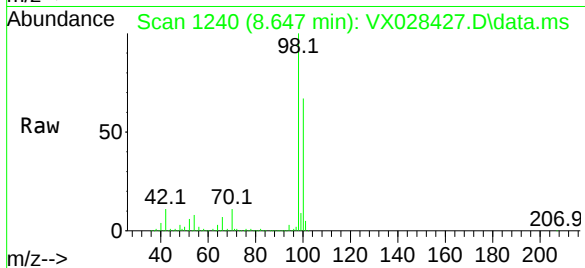
TB-01-042922

Tgt Ion: 43 Resp: 3531

Ion Ratio Lower Upper

43 100

58 203.1 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 48.077 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028427.D

Acq: 29 Apr 2022 16:36

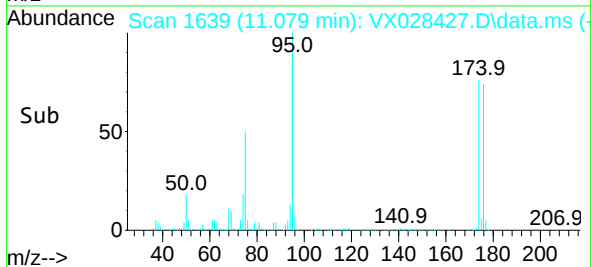
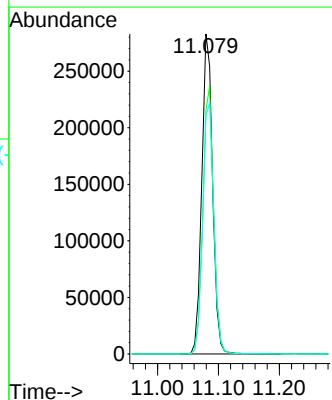
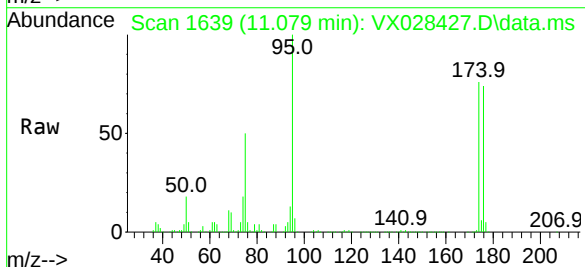
Tgt Ion: 95 Resp: 348339

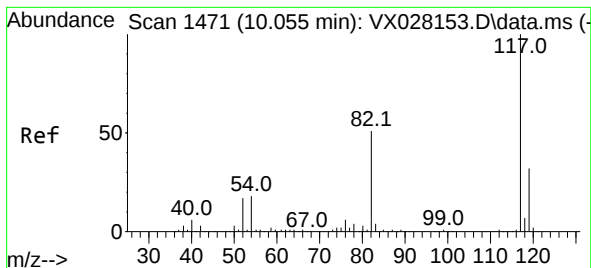
Ion Ratio Lower Upper

95 100

174 84.2 0.0 163.0

176 80.6 0.0 155.0

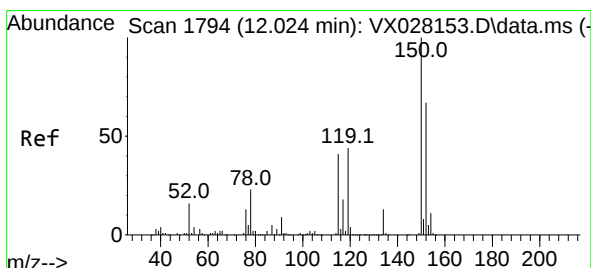
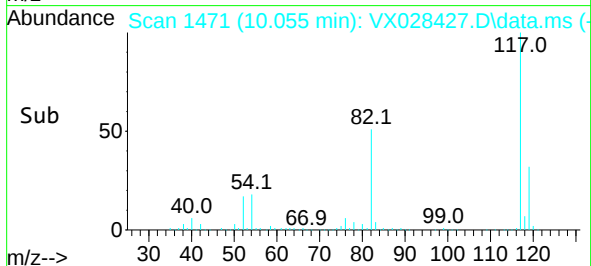
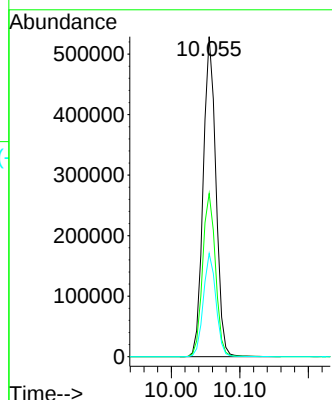
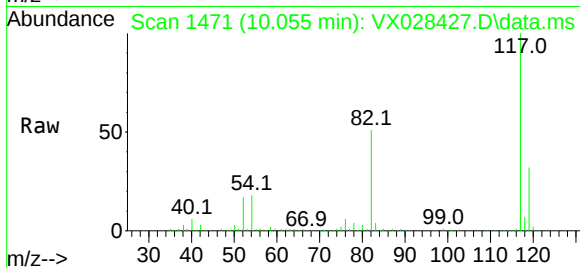




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

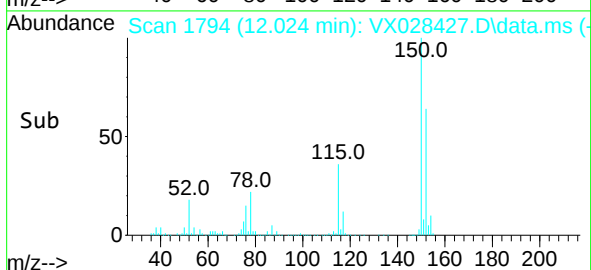
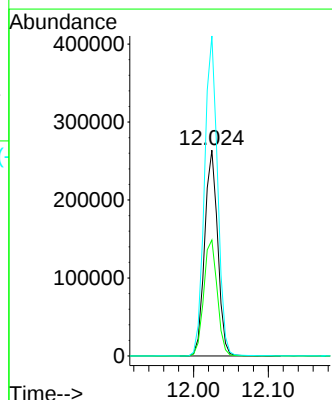
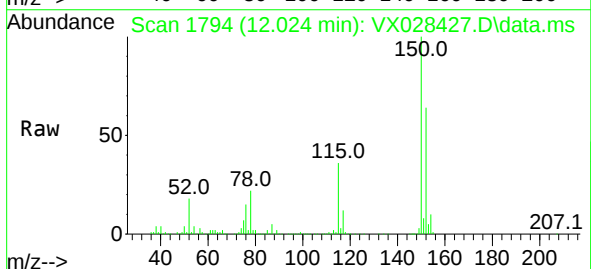
Instrument :
MSVOA_X
ClientSampleId :
TB-01-042922

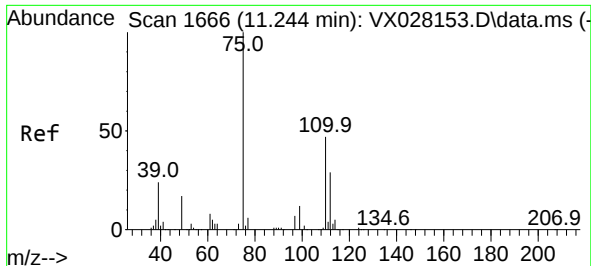
Tgt Ion:117 Resp: 685316
Ion Ratio Lower Upper
117 100
82 51.0 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

Tgt Ion:152 Resp: 320373
Ion Ratio Lower Upper
152 100
115 58.3 37.5 112.7
150 156.0 0.0 338.2

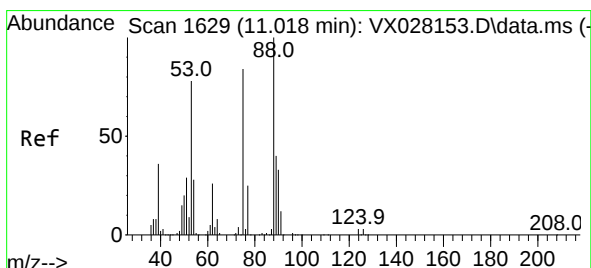
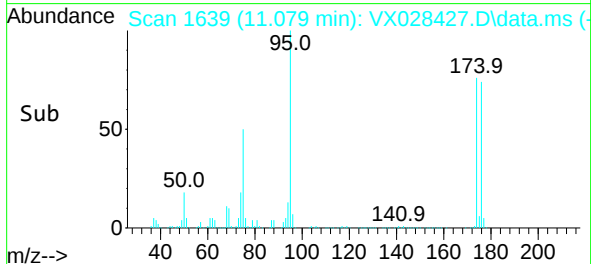
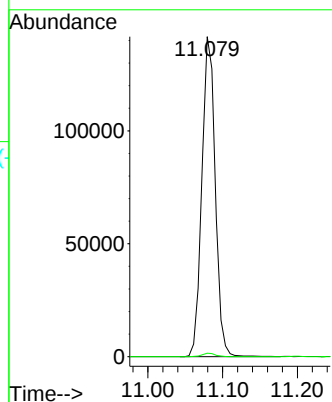
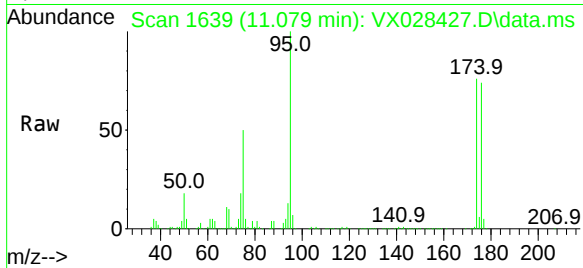




#76
1,2,3-Trichloropropane
Concen: 27.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

Instrument :
MSVOA_X
ClientSampleId :
TB-01-042922

Tgt Ion: 75 Resp: 176372
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.127 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028427.D
Acq: 29 Apr 2022 16:36

Tgt Ion: 75 Resp: 176372
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

