

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028135.D
 Acq On : 15 Apr 2022 16:00
 Operator : JC/MD
 Sample : N2440-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-RW9-MW01D2-GW-20220413

Quant Time: Apr 16 02:26:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

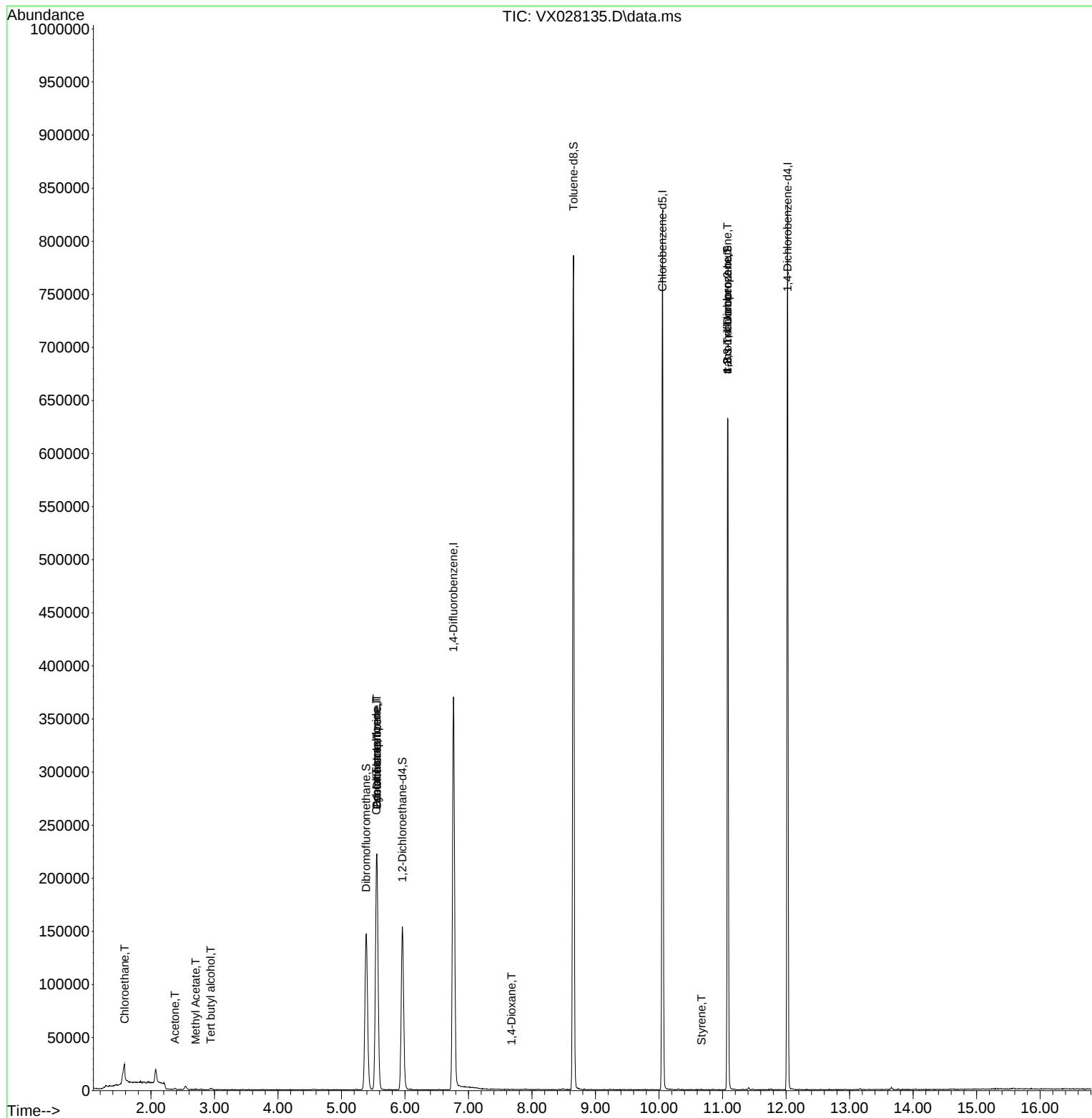
Internal Standards						
1) Pentafluorobenzene	5.556	168	218152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142123	48.021	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.040%		
35) Dibromofluoromethane	5.385	113	123414	49.602	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.200%		
50) Toluene-d8	8.653	98	454953	49.028	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	151574	43.747	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.500%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	865	Below Cal		82
6) Chloroethane	1.587	64	2583	3.659 ug/l #		75
11) Tert butyl alcohol	2.941	59	707	1.029 ug/l #		72
13) Acrolein	2.197	56	146	Below Cal #		1
16) Acetone	2.380	43	1391	1.128 ug/l		98
18) Methyl Acetate	2.703	43	1038	0.315 ug/l #		57
31) Cyclohexane	5.556	56	4869	1.196 ug/l #		3
36) 1,1-Dichloropropene	5.556	75	17100	4.503 ug/l #		50
38) Carbon Tetrachloride	5.550	117	21789	5.375 ug/l #		17
49) 1,4-Dioxane	7.677	88	53	0.706 ug/l #		1
70) Styrene	10.671	104	53	4.709 ug/l #		26
76) 1,2,3-Trichloropropane	11.079	75	85601	23.246 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	85601	65.473 ug/l #		15

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

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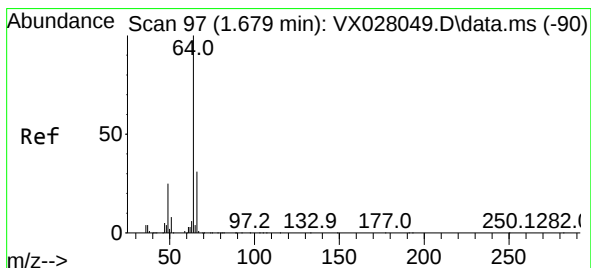
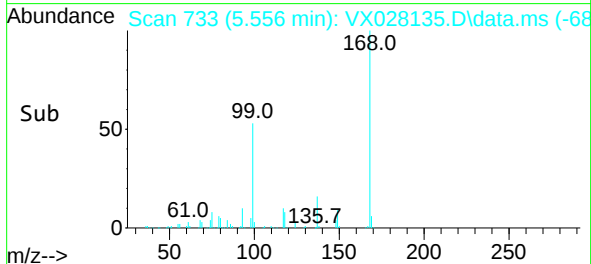
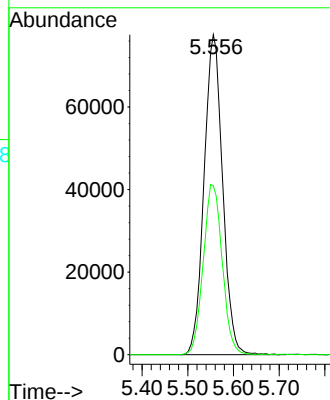
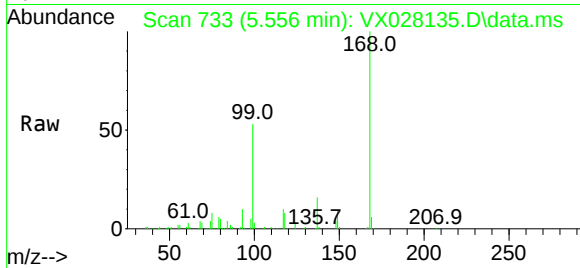




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

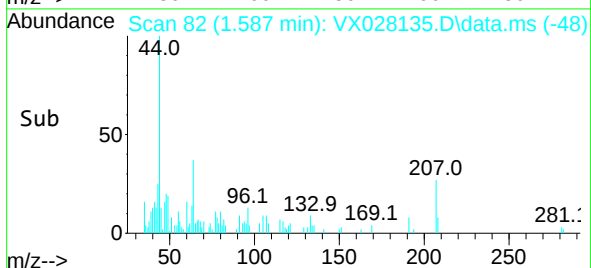
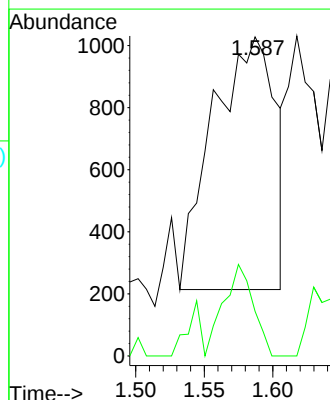
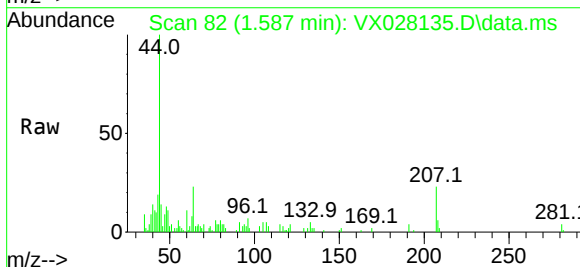
Instrument : MSVOA_X
ClientSampleId : BP-TT-RW9-MW01D2-GW-20220413

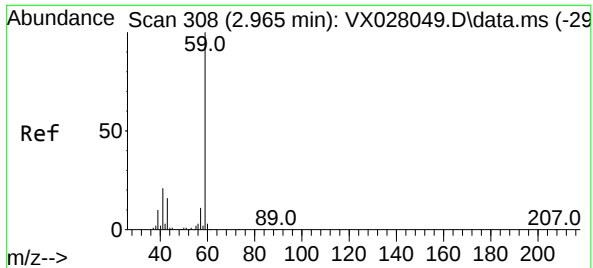
Tgt Ion:168 Resp: 218152
Ion Ratio Lower Upper
168 100
99 52.8 41.7 62.5



#6
Chloroethane
Concen: 3.659 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.092 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

Tgt Ion: 64 Resp: 2583
Ion Ratio Lower Upper
64 100
66 17.7 25.3 37.9





#11

Tert butyl alcohol

Concen: 1.029 ug/l

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX028135.D

Acq: 15 Apr 2022 16:00

Instrument :

MSVOA_X

ClientSampleId :

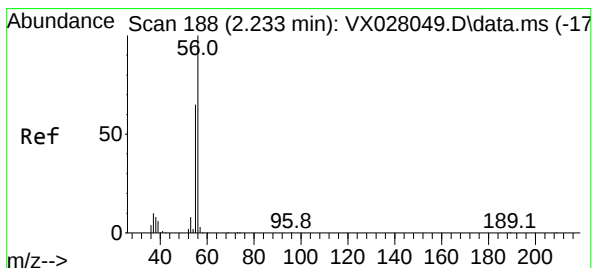
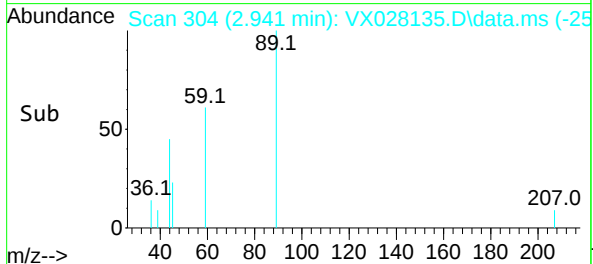
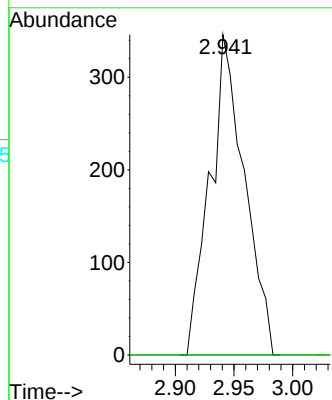
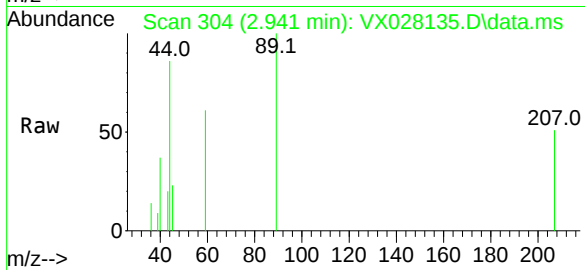
BP-TT-RW9-MW01D2-GW-20220413

Tgt Ion: 59 Resp: 707

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: Below Cal

RT: 2.197 min Scan# 182

Delta R.T. -0.036 min

Lab File: VX028135.D

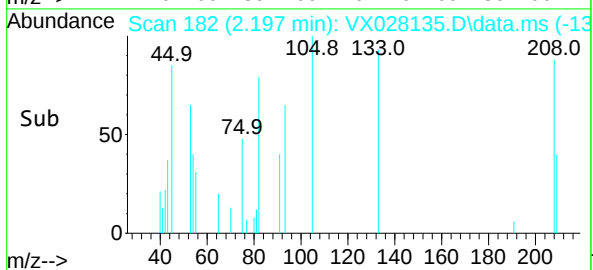
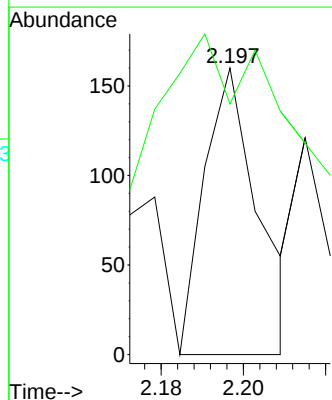
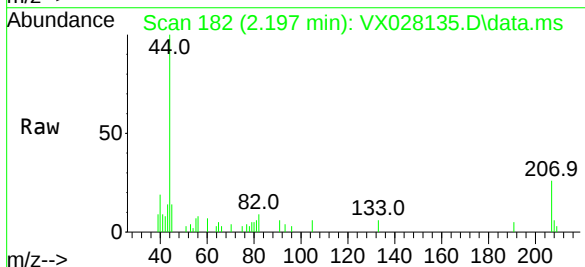
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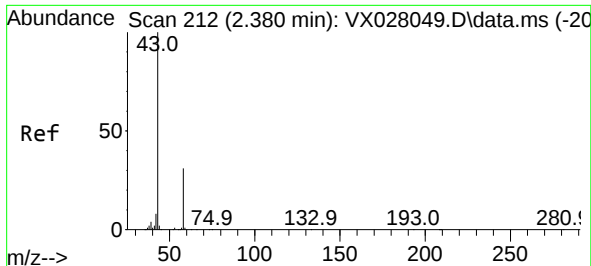
Tgt Ion: 56 Resp: 146

Ion Ratio Lower Upper

56 100

55 308.2 55.0 82.6#

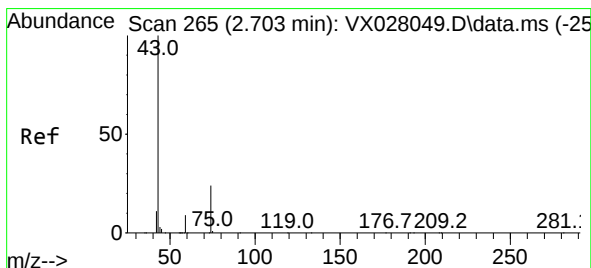
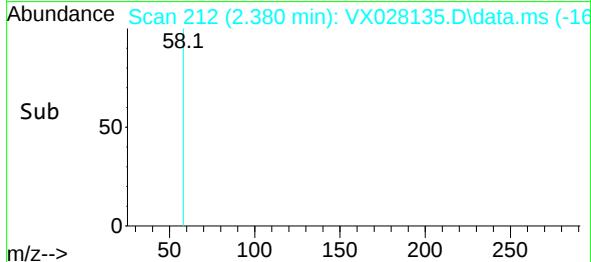
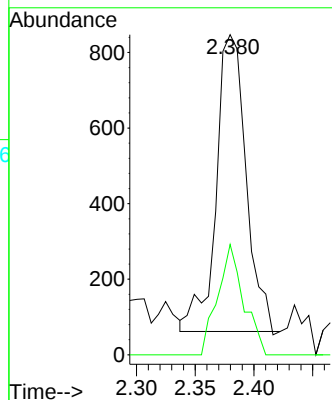
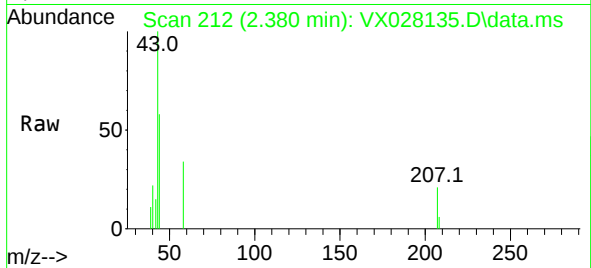




#16
Acetone
Concen: 1.128 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

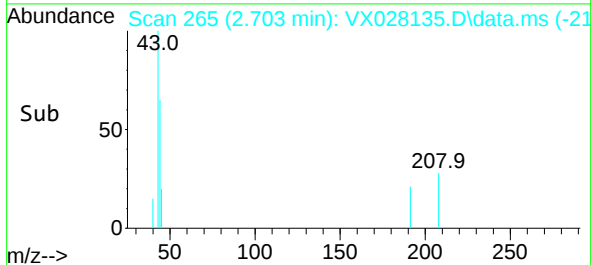
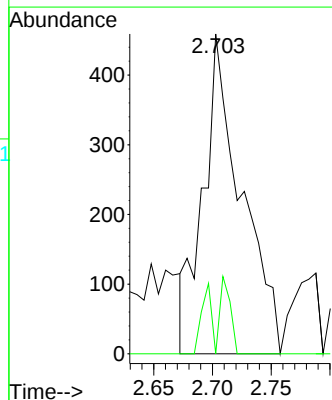
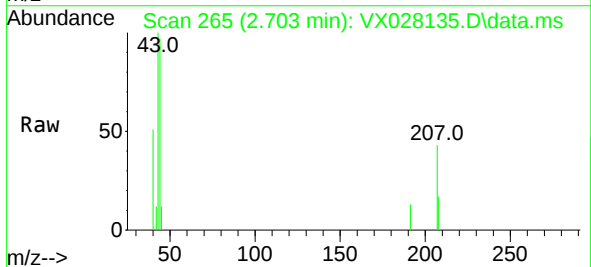
Instrument : MSVOA_X
ClientSampleId : BP-TT-RW9-MW01D2-GW-20220413

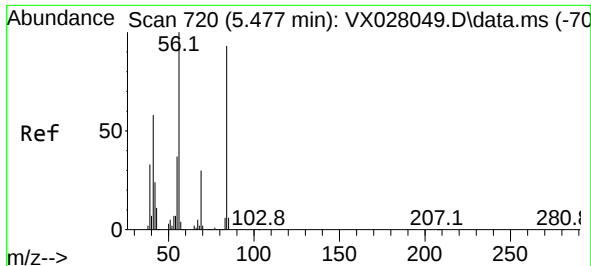
Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 37.2 28.8 43.2



#18
Methyl Acetate
Concen: 0.315 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
74 5.7 22.8 34.2#

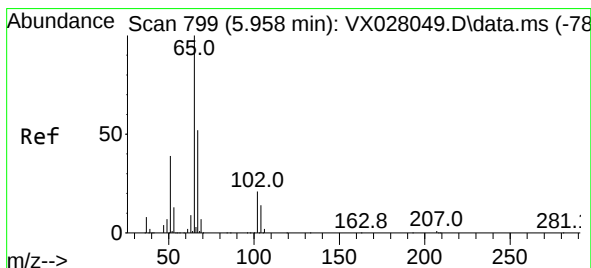
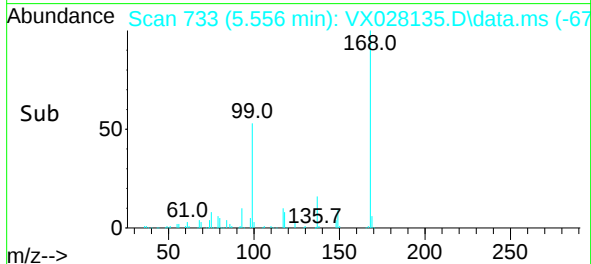
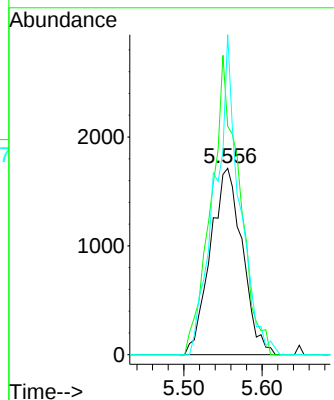
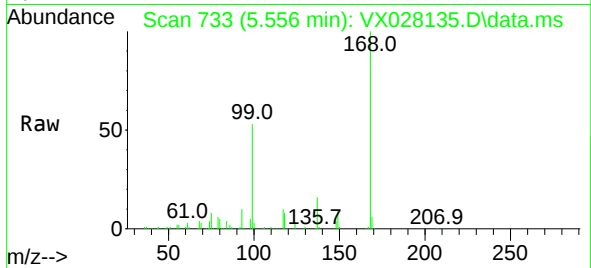




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

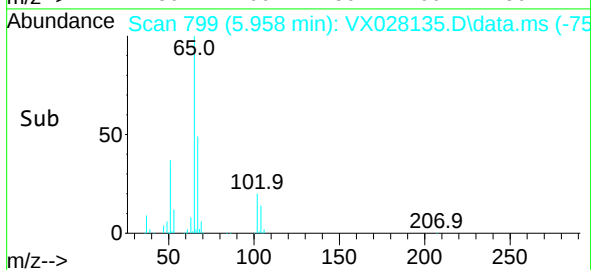
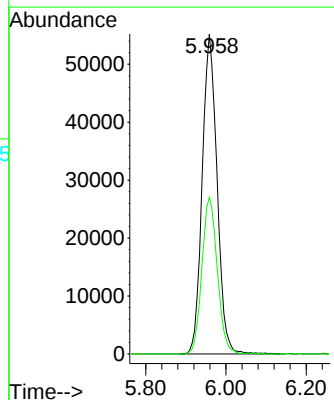
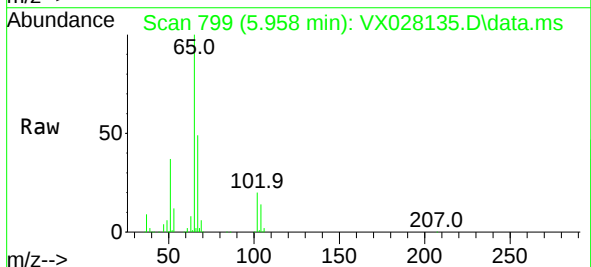
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW9-MW01D2-GW-20220413

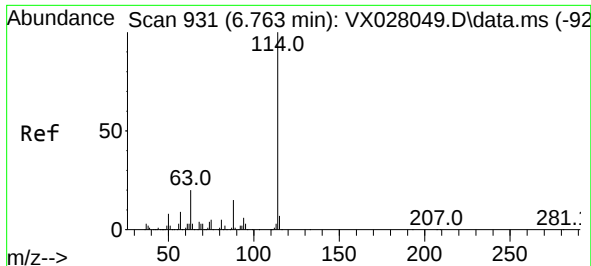
Tgt Ion: 56 Resp: 4869
Ion Ratio Lower Upper
56 100
69 122.5 26.7 40.1#
84 171.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.021 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

Tgt Ion: 65 Resp: 142123
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.4

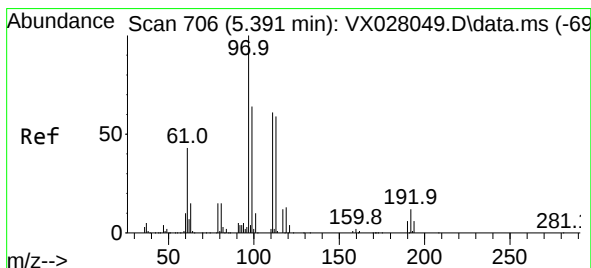
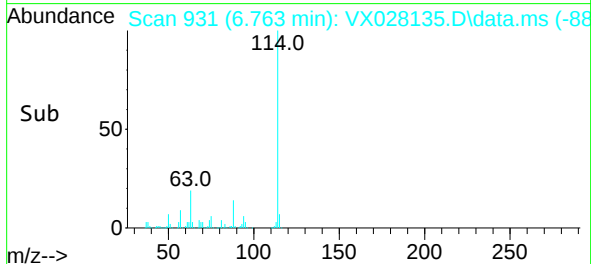
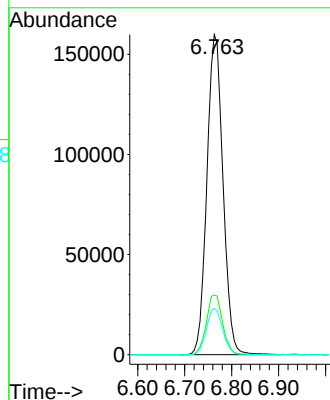
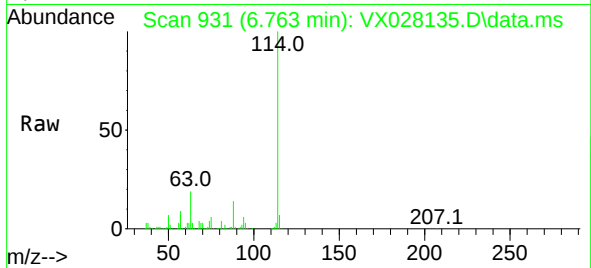




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

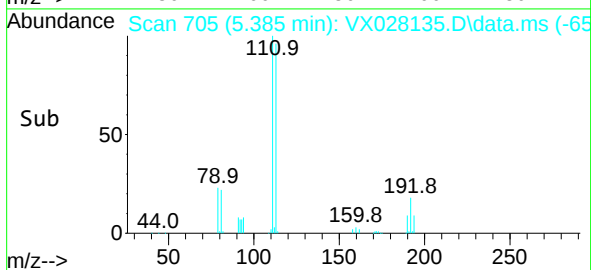
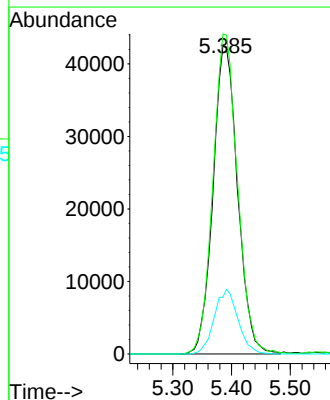
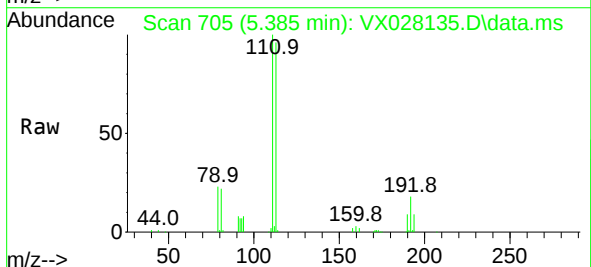
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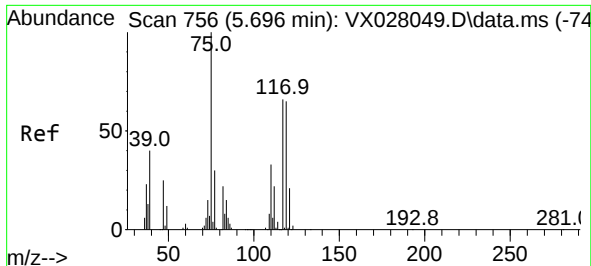
Tgt Ion:114 Resp: 379706
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 14.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.602 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

Tgt Ion:113 Resp: 123414
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 20.3 16.9 25.3

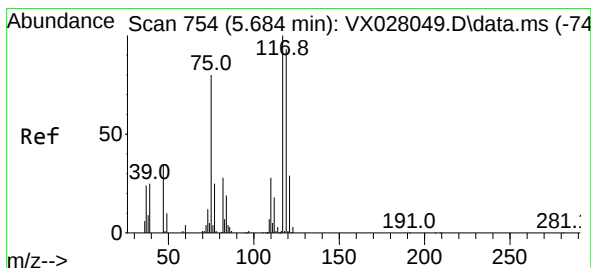
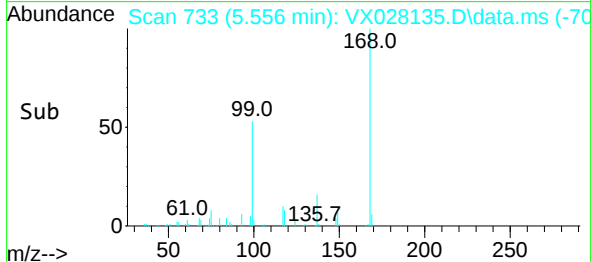
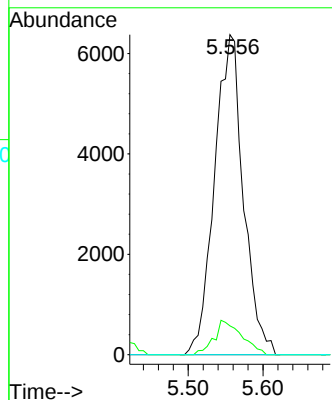
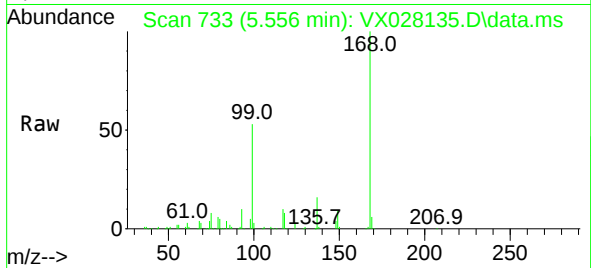




#36
1,1-Dichloropropene
Concen: 4.503 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

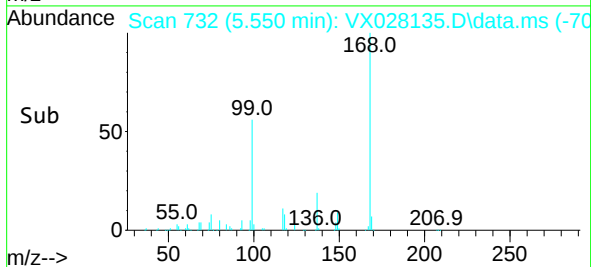
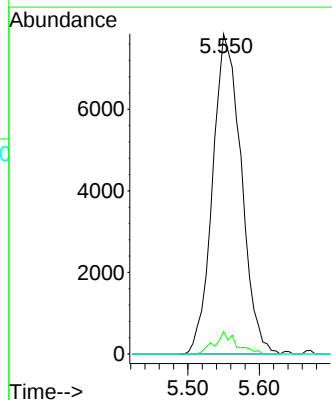
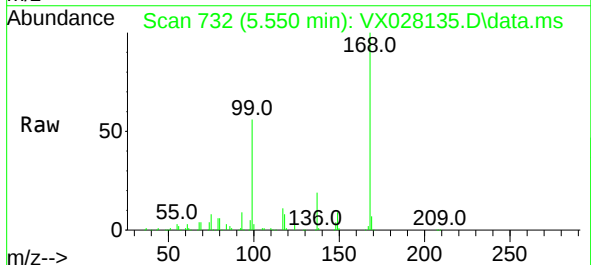
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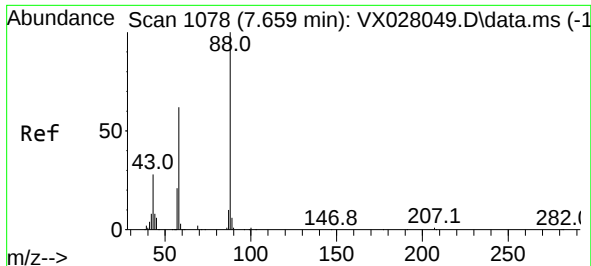
Tgt Ion: 75 Resp: 17100
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.375 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

Tgt Ion: 117 Resp: 21789
Ion Ratio Lower Upper
117 100
119 6.9 77.3 115.9#
121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 0.706 ug/l

RT: 7.677 min Scan# 1078

Delta R.T. 0.018 min

Lab File: VX028135.D

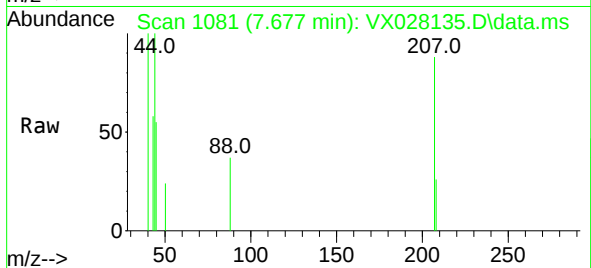
Acq: 15 Apr 2022 16:00

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-RW9-MW01D2-GW-20220413



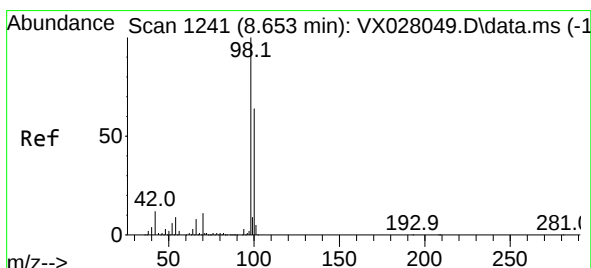
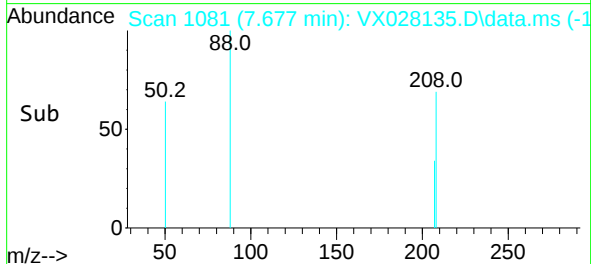
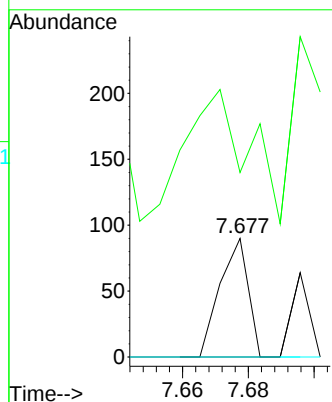
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 245.3 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 49.028 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028135.D

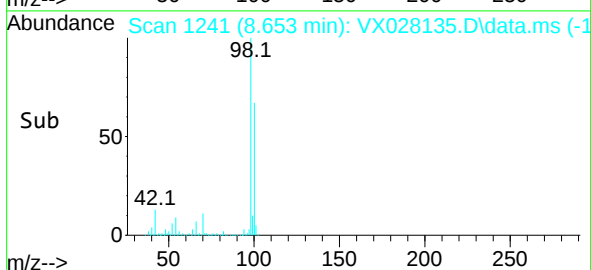
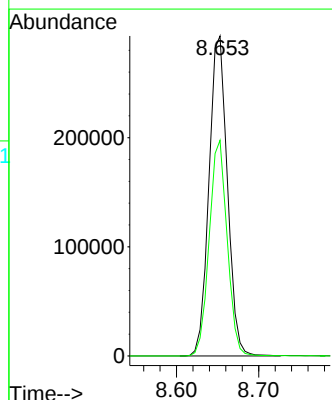
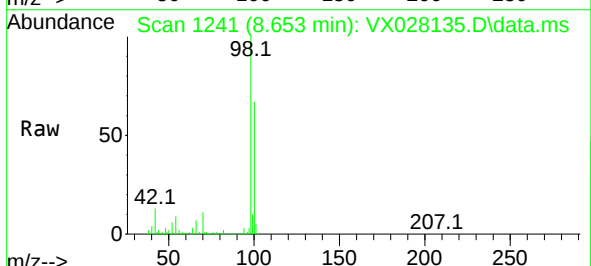
Acq: 15 Apr 2022 16:00

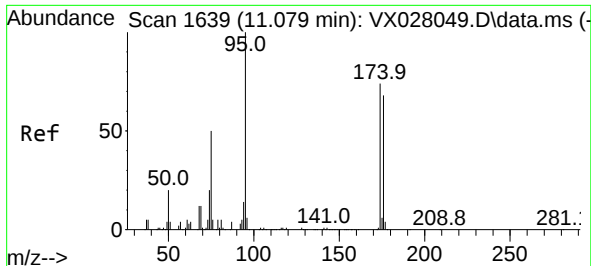
Tgt Ion: 98 Resp: 454953

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8

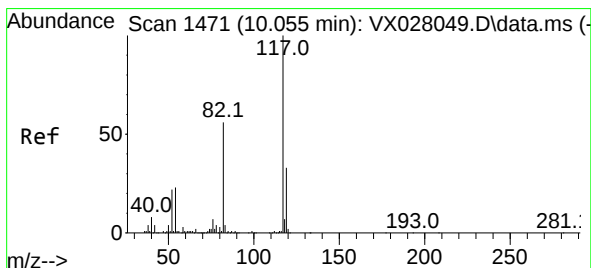
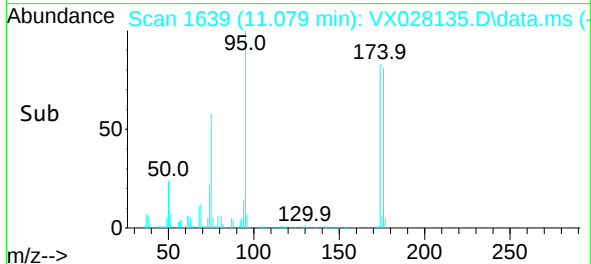
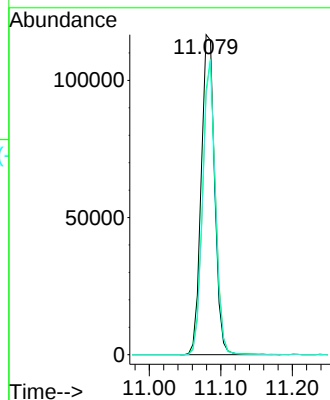
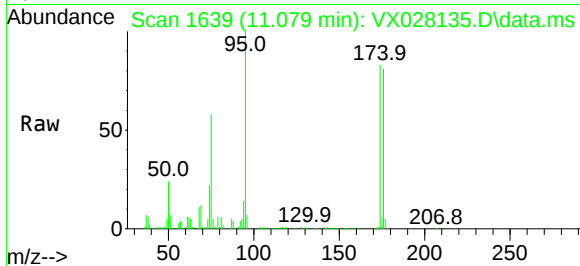




#62
4-Bromofluorobenzene
Concen: 43.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

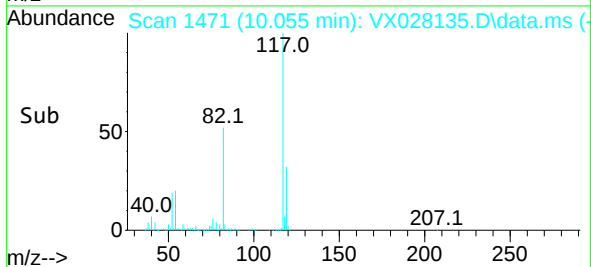
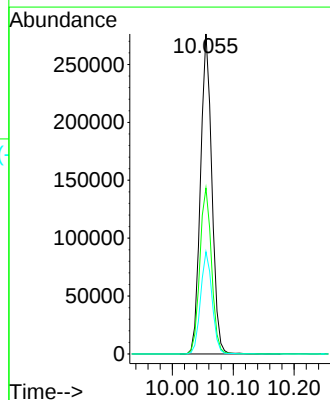
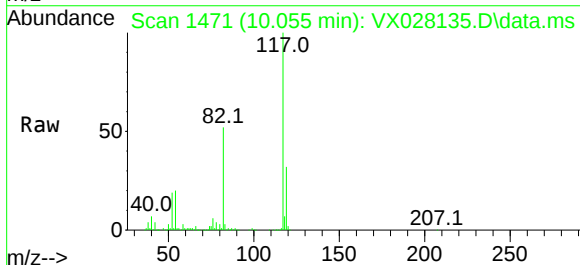
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW9-MW01D2-GW-20220413

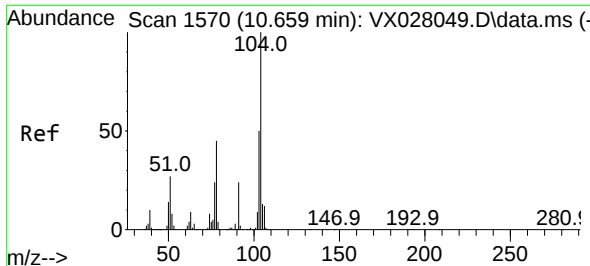
Tgt Ion: 95 Resp: 151574
Ion Ratio Lower Upper
95 100
174 89.2 0.0 163.0
176 87.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

Tgt Ion: 117 Resp: 358417
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 31.9 24.8 37.2

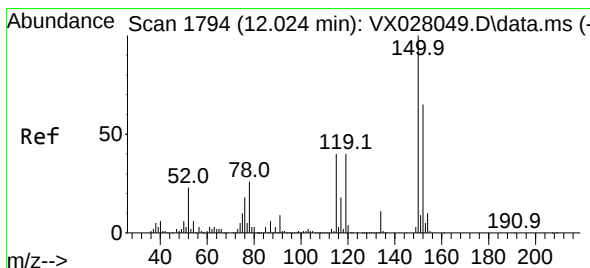
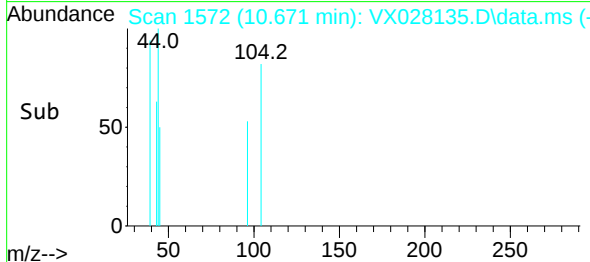
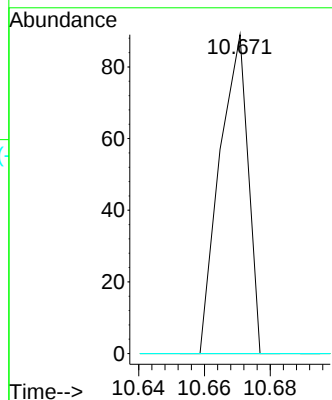
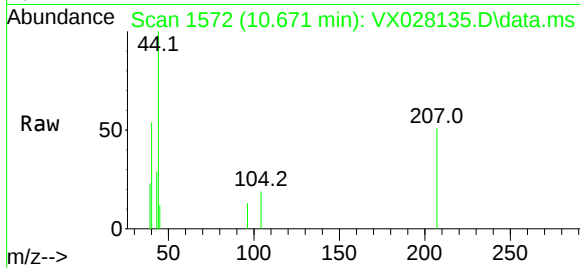




#70
Styrene
Concen: 4.709 ug/l
RT: 10.671 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

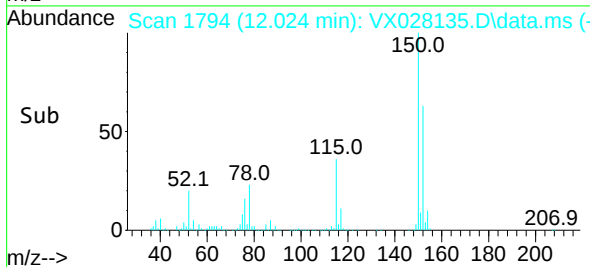
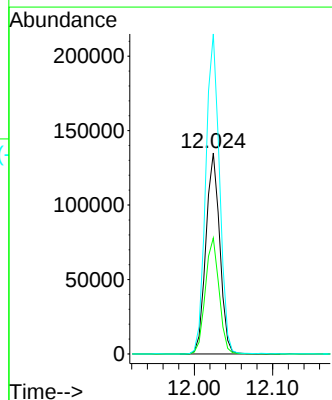
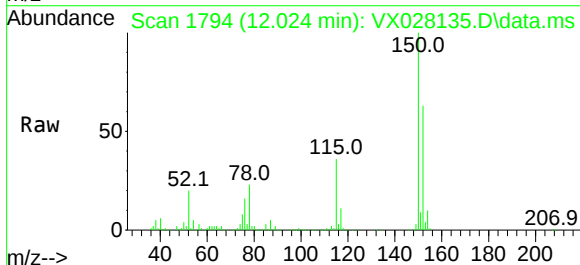
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW9-MW01D2-GW-20220413

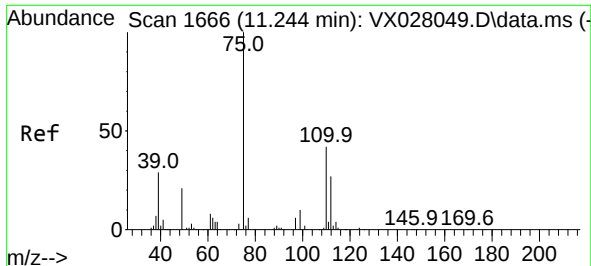
Tgt Ion:104 Resp: 53
Ion Ratio Lower Upper
104 100
78 0.0 38.6 57.8#
103 0.0 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

Tgt Ion:152 Resp: 165407
Ion Ratio Lower Upper
152 100
115 57.3 37.5 112.7
150 158.0 0.0 338.2

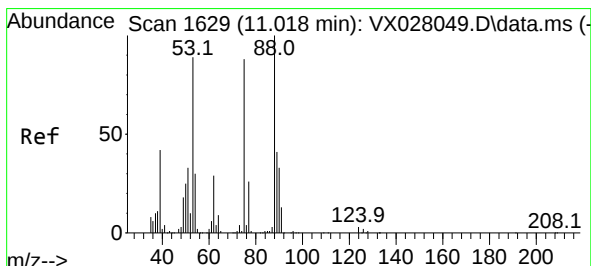
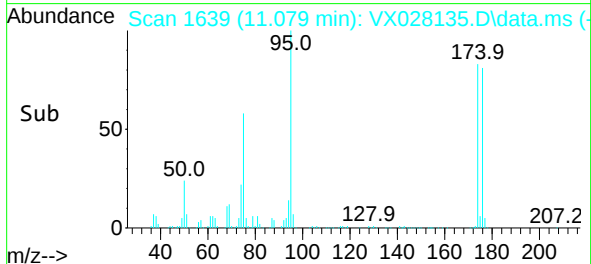
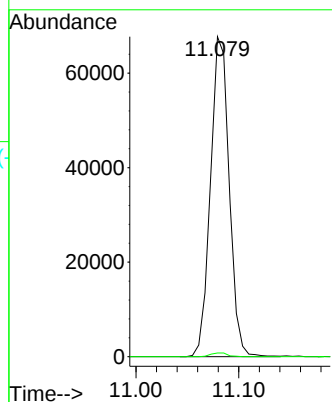
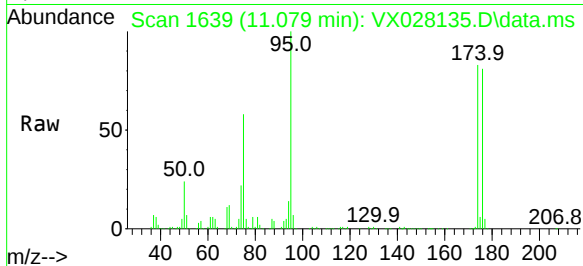




#76
1,2,3-Trichloropropane
Concen: 23.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-RW9-MW01D2-GW-20220413

Tgt Ion: 75 Resp: 85601
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028135.D
Acq: 15 Apr 2022 16:00

Tgt Ion: 75 Resp: 85601
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

