

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042923\
 Data File : VX035425.D
 Acq On : 29 Apr 2023 15:43
 Operator : JC/MD
 Sample : 02522-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: May 01 04:29:28 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)

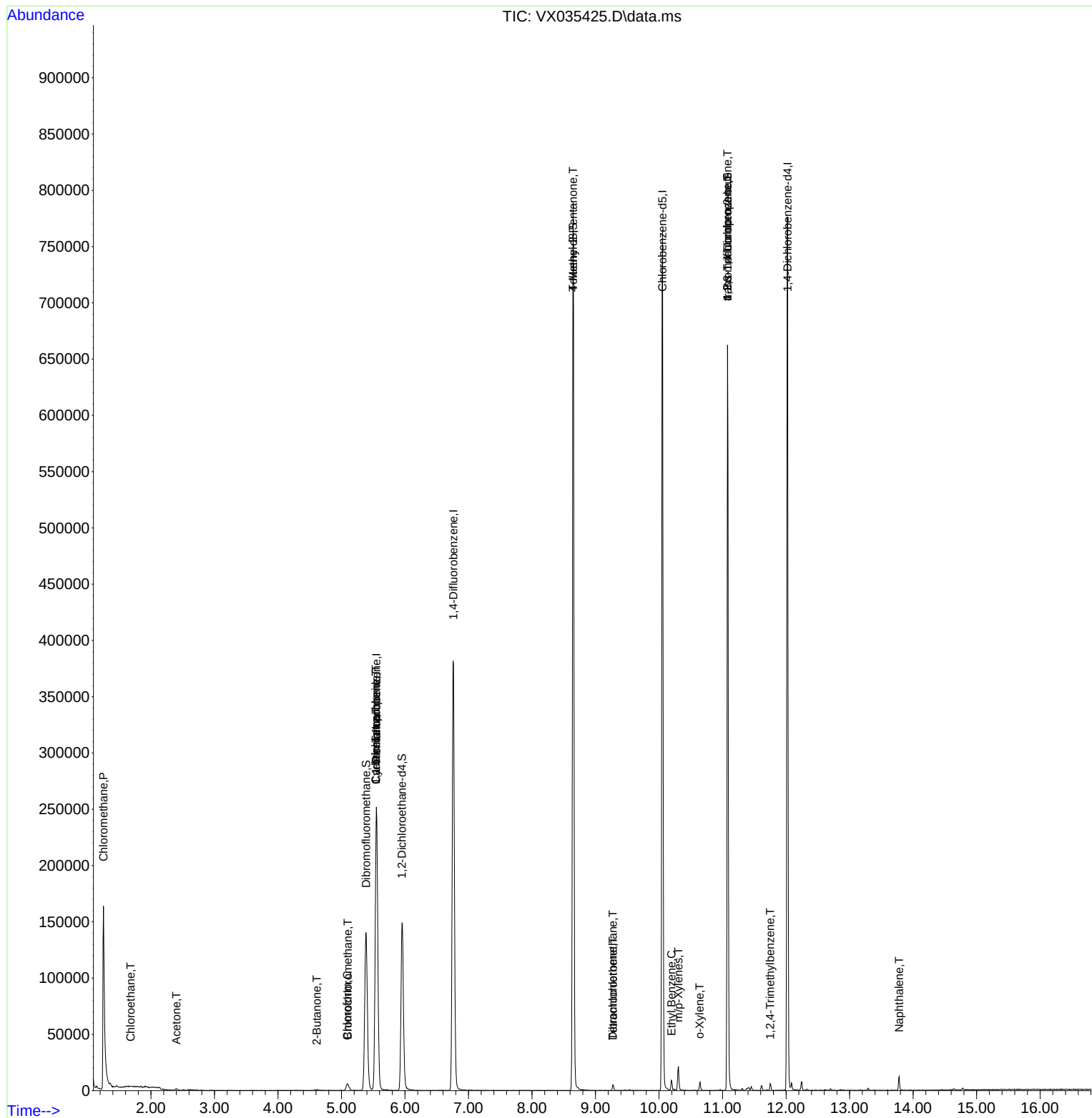
Internal Standards						
1) Pentafluorobenzene	5.550	168	246611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	410474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145627	48.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.900%		
35) Dibromofluoromethane	5.385	113	125261	49.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.440%		
50) Toluene-d8	8.647	98	472367	49.702	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.400%		
62) 4-Bromofluorobenzene	11.079	95	180711	50.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	4585	1.931	ug/l #	42
6) Chloroethane	1.679	64	1198	0.860	ug/l #	42
16) Acetone	2.398	43	2138	1.655	ug/l #	84
25) 2-Butanone	4.611	43	1486	0.788	ug/l #	89
28) Bromochloromethane	5.099	49	566	0.283	ug/l #	15
30) Chloroform	5.093	83	7422	1.565	ug/l	94
31) Cyclohexane	5.544	56	4498	1.066	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	17530	4.456	ug/l #	52
38) Carbon Tetrachloride	5.544	117	24432	6.542	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1915	0.516	ug/l #	1
60) Dibromochloromethane	9.275	129	827	0.303	ug/l #	10
64) Tetrachloroethene	9.275	164	954	0.339	ug/l #	85
67) Ethyl Benzene	10.195	91	5670	0.411	ug/l	97
68) m/p-Xylenes	10.305	106	5170	0.979	ug/l	98
69) o-Xylene	10.640	106	1760	0.340	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	88188	25.570	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	88188	82.818	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	3236	0.302	ug/l	96
95) Naphthalene	13.780	128	7941	0.687	ug/l	98

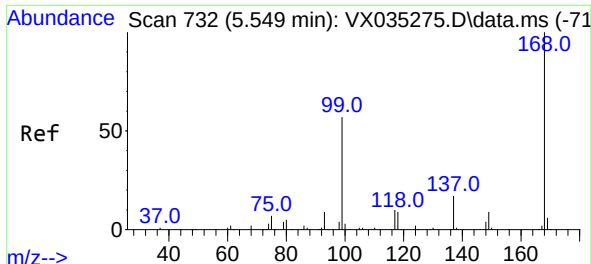
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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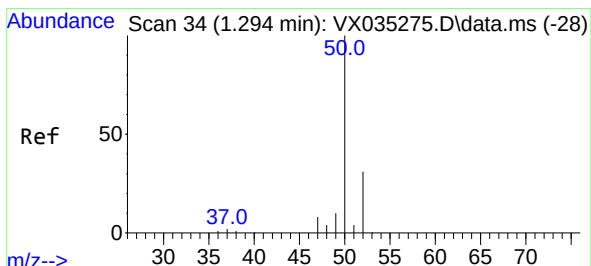
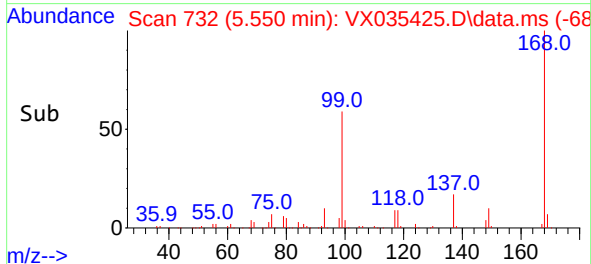
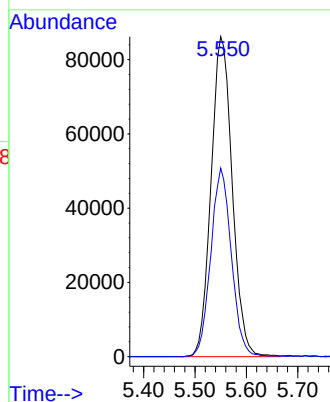
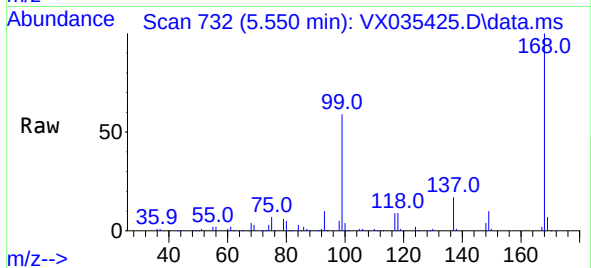




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

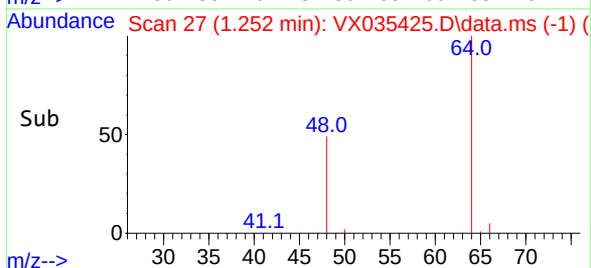
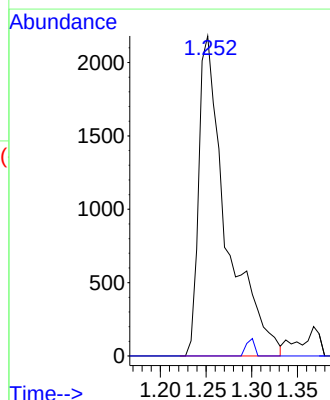
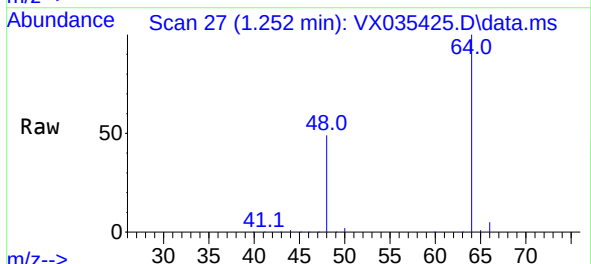
Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:168 Resp: 246611
Ion Ratio Lower Upper
168 100
99 59.0 45.7 68.5

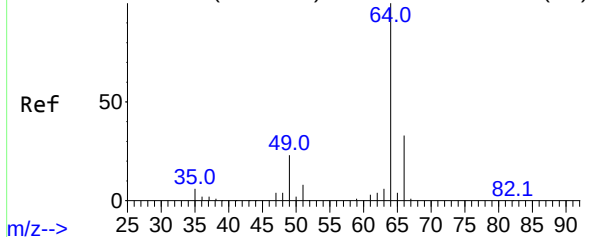


#3
Chloromethane
Concen: 1.931 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 50 Resp: 4585
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#



Abundance Scan 99 (1.690 min): VX035275.D\data.ms (-93)

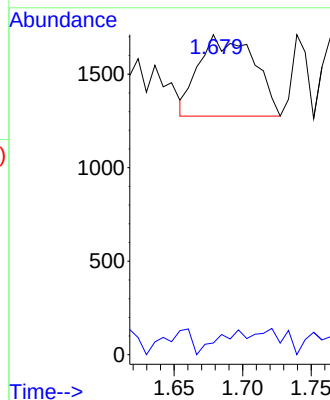
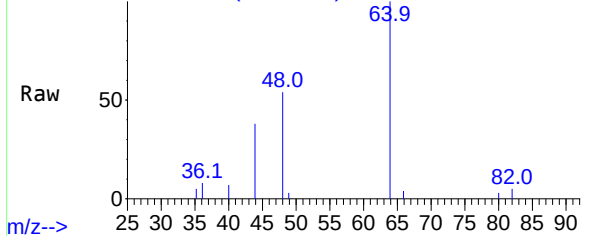


#6
Chloroethane
Concen: 0.860 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.011 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

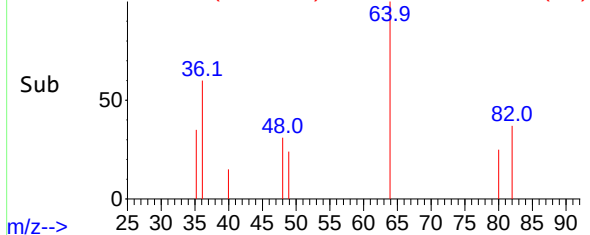
Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 64 Resp: 1198
Ion Ratio Lower Upper
64 100
66 0.2 26.2 39.4#

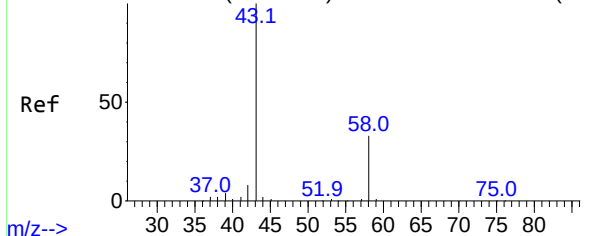
Abundance Scan 97 (1.679 min): VX035425.D\data.ms



Abundance Scan 97 (1.679 min): VX035425.D\data.ms (-50)



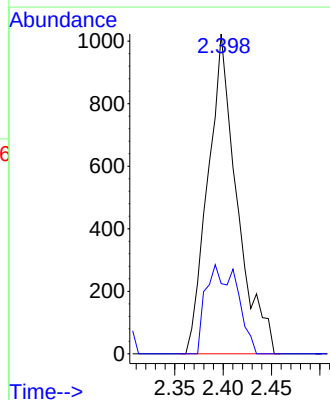
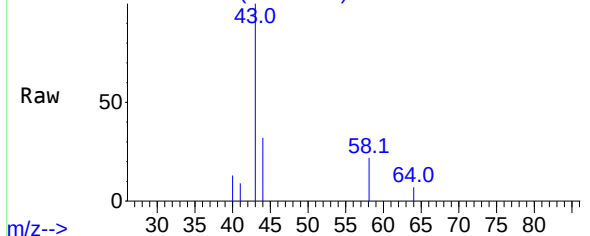
Abundance Scan 215 (2.398 min): VX035275.D\data.ms (-20)



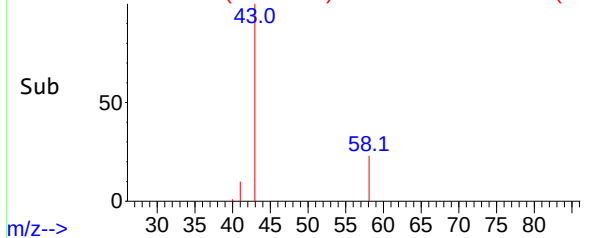
#16
Acetone
Concen: 1.655 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

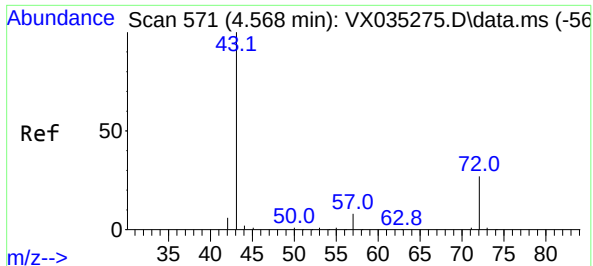
Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
58 22.0 24.7 37.1#

Abundance Scan 215 (2.398 min): VX035425.D\data.ms



Abundance Scan 215 (2.398 min): VX035425.D\data.ms (-16)





#25

2-Butanone

Concen: 0.788 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX035425.D

Acq: 29 Apr 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

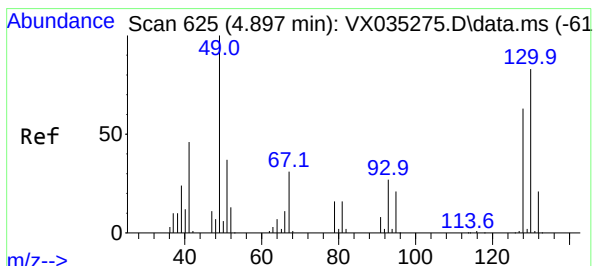
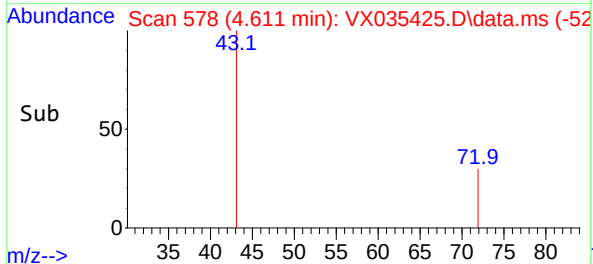
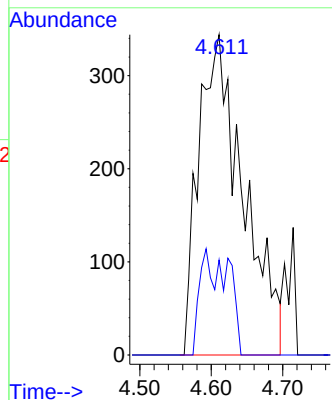
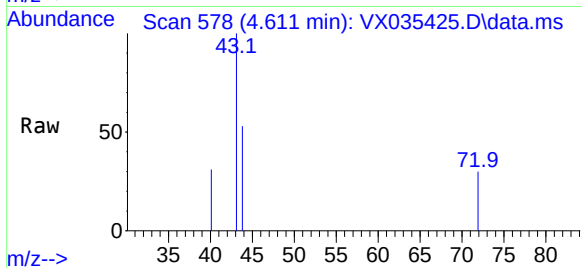
MW-7

Tgt Ion: 43 Resp: 1486

Ion Ratio Lower Upper

43 100

72 29.7 19.3 28.9#



#28

Bromochloromethane

Concen: 0.283 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.202 min

Lab File: VX035425.D

Acq: 29 Apr 2023 15:43

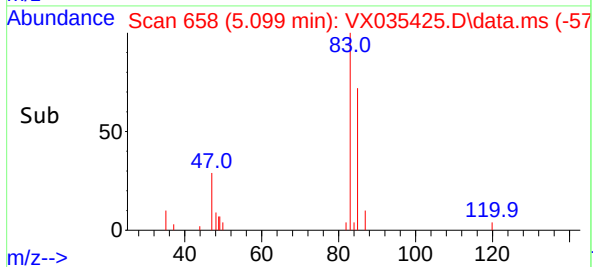
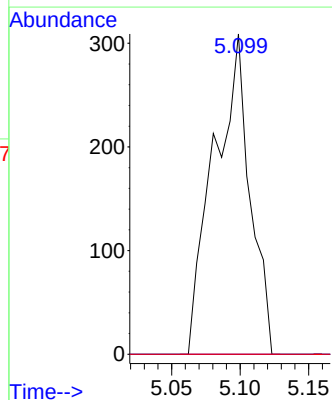
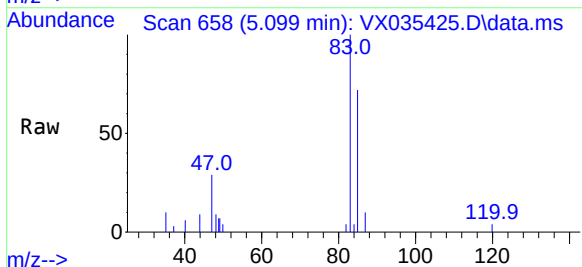
Tgt Ion: 49 Resp: 566

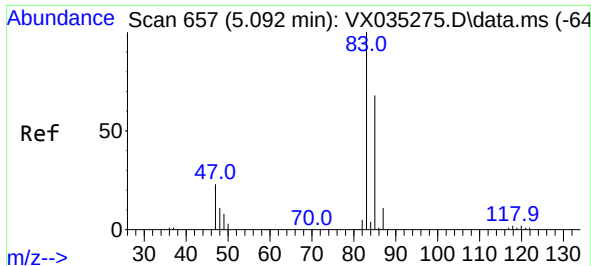
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 58.2 87.2#

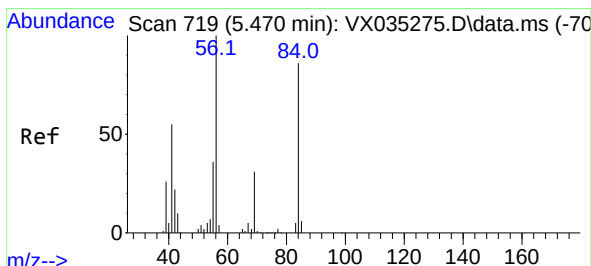
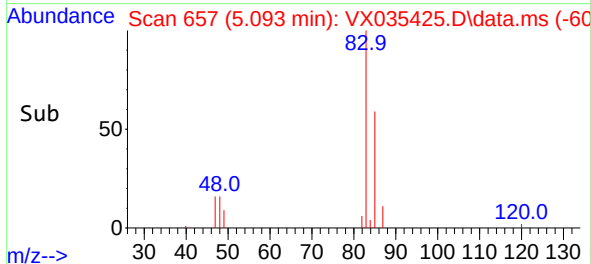
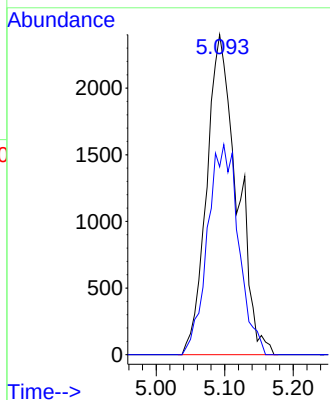
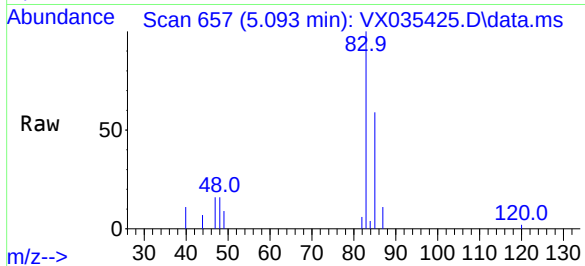




#30
Chloroform
Concen: 1.565 ug/l
RT: 5.093 min Scan# 610
Delta R.T. 0.001 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

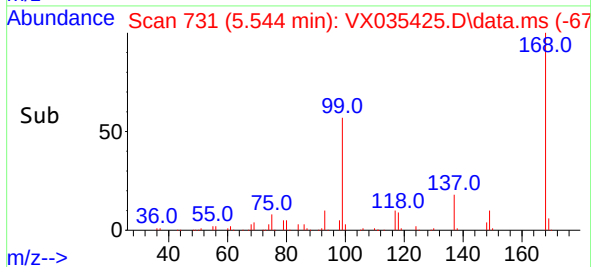
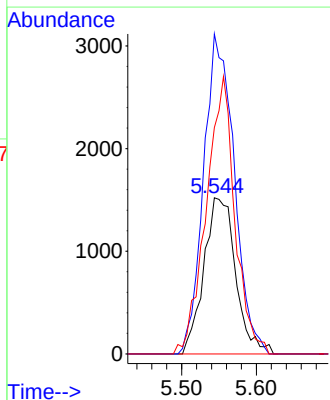
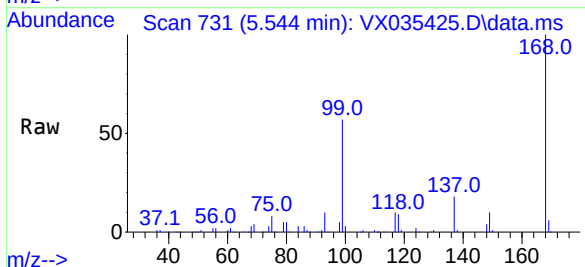
Instrument :
MSVOA_X
ClientSampleId :
MW-7

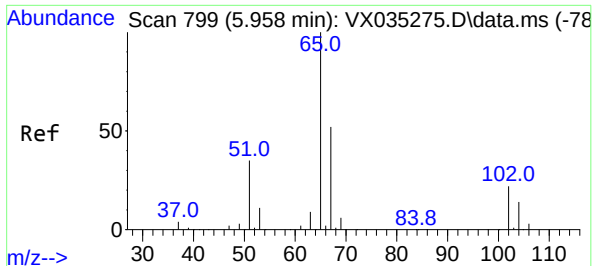
Tgt Ion: 83 Resp: 7422
Ion Ratio Lower Upper
83 100
85 58.7 50.6 76.0



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 56 Resp: 4498
Ion Ratio Lower Upper
56 100
69 204.9 23.7 35.5#
84 145.0 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.947 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035425.D

Acq: 29 Apr 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

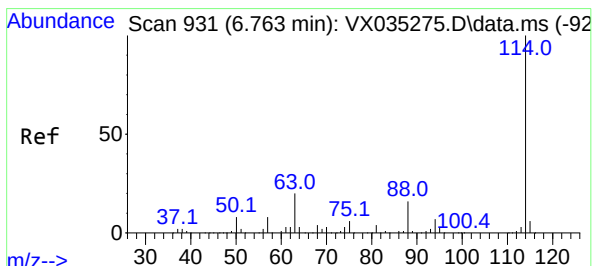
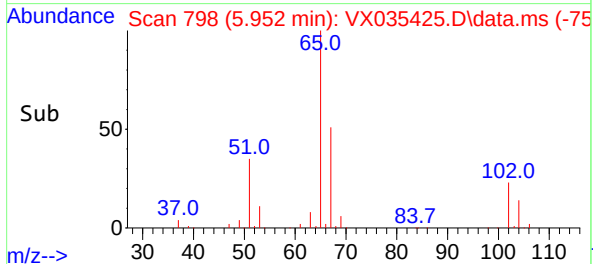
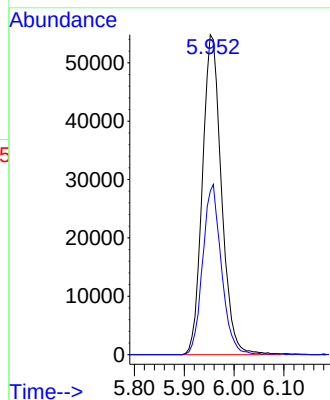
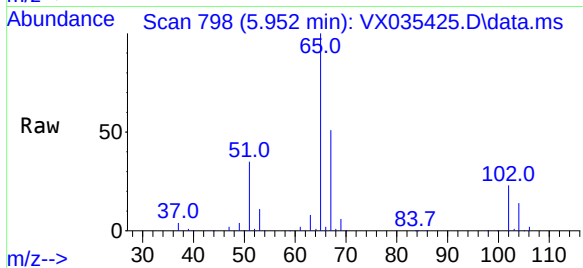
MW-7

Tgt Ion: 65 Resp: 145627

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035425.D

Acq: 29 Apr 2023 15:43

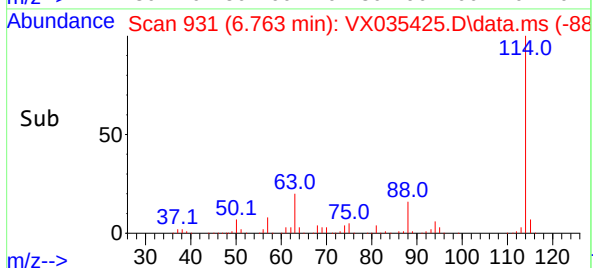
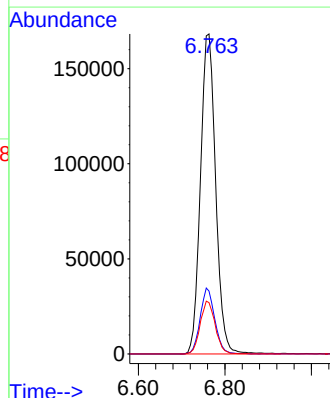
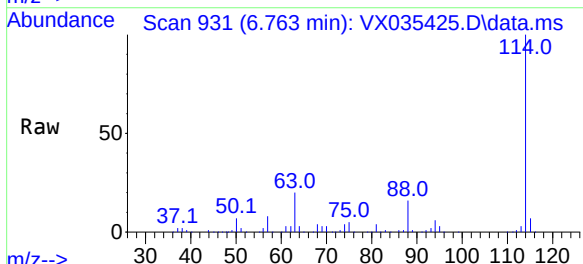
Tgt Ion: 114 Resp: 410474

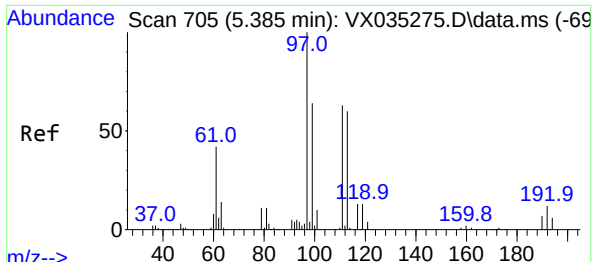
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.2

88 16.1 0.0 33.2

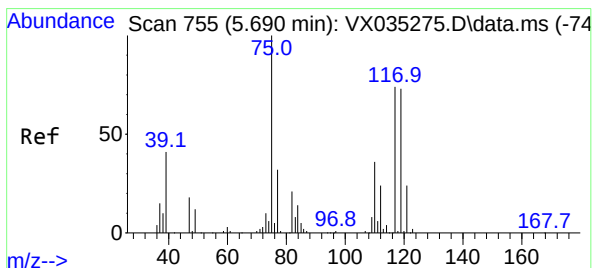
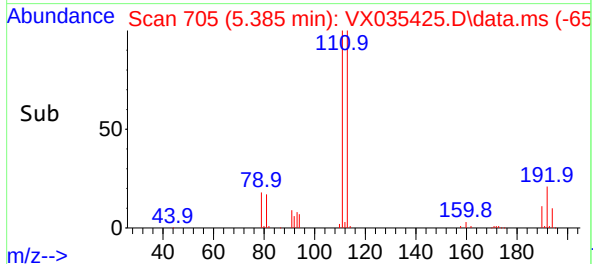
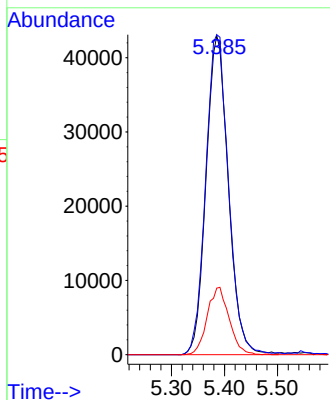
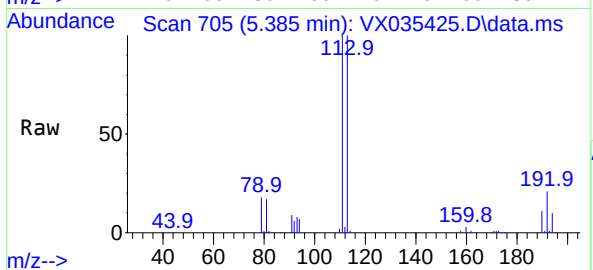




#35
Dibromofluoromethane
Concen: 49.719 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

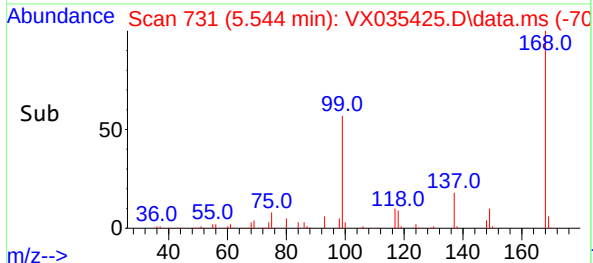
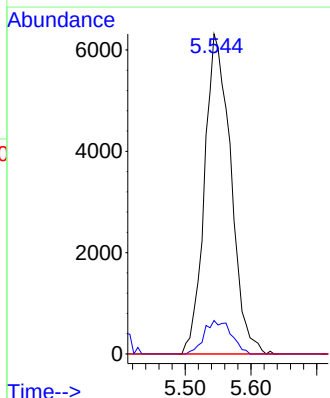
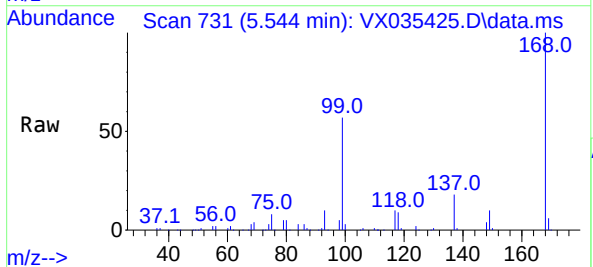
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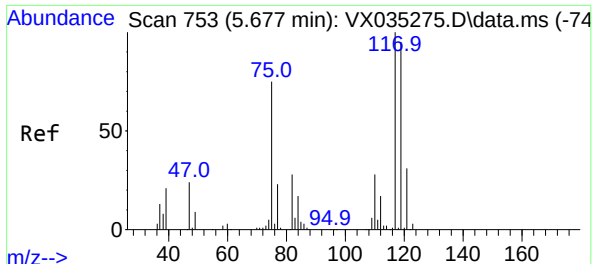
Tgt Ion:113 Resp: 125261
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 20.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 75 Resp: 17530
Ion Ratio Lower Upper
75 100
110 10.7 17.5 52.5#
77 0.0 24.3 36.5#

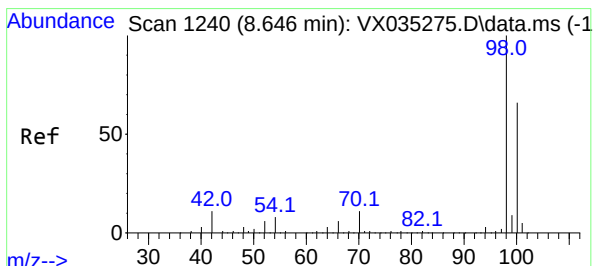
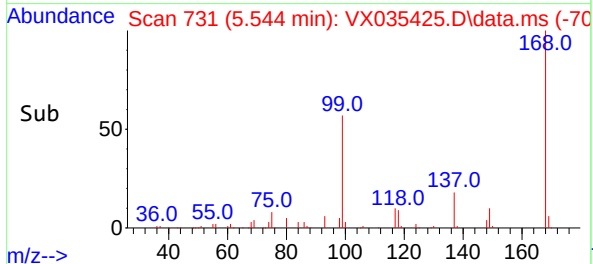
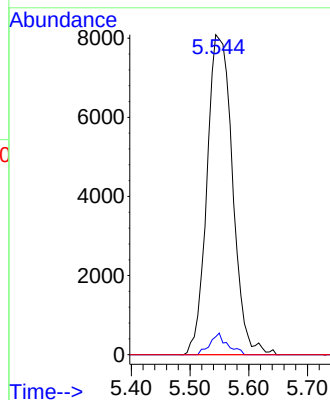
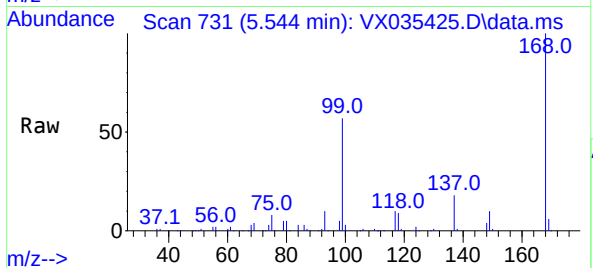




#38
Carbon Tetrachloride
Concen: 6.542 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

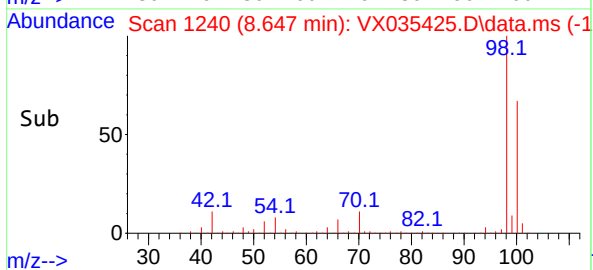
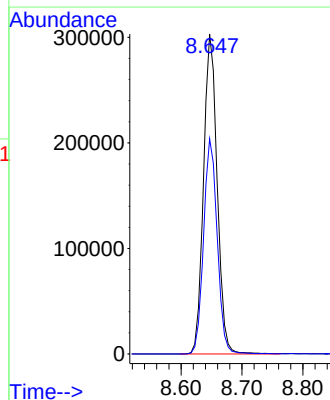
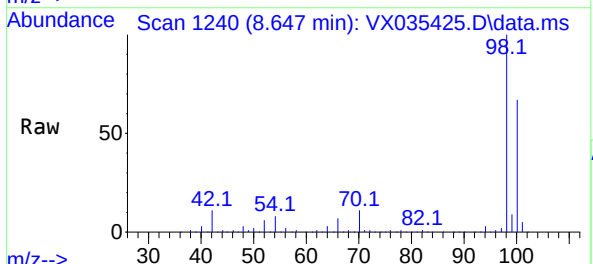
Instrument :
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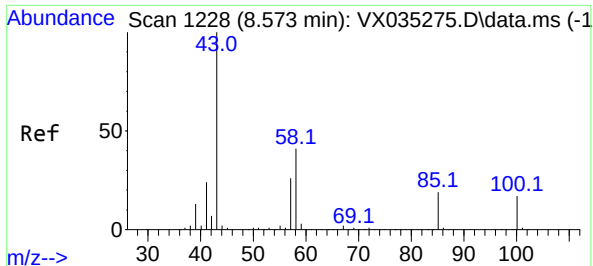
Tgt Ion:117 Resp: 24432
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.702 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 98 Resp: 472367
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7

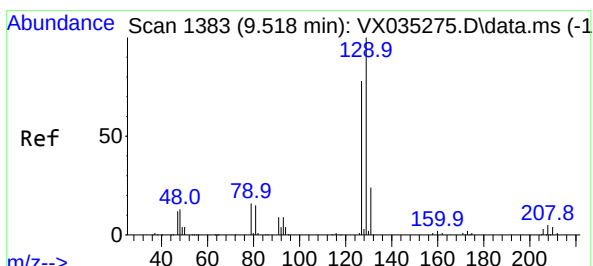
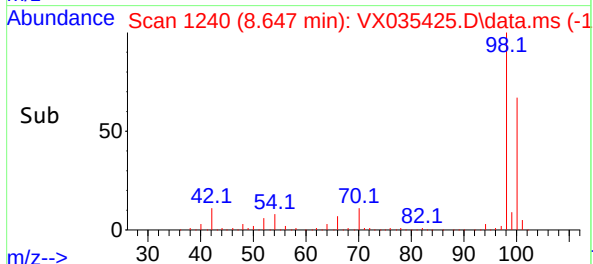
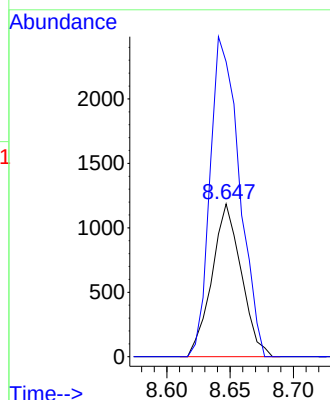
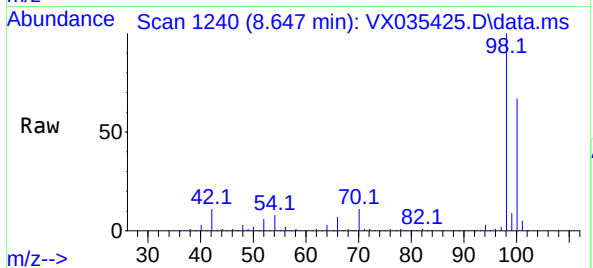




#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

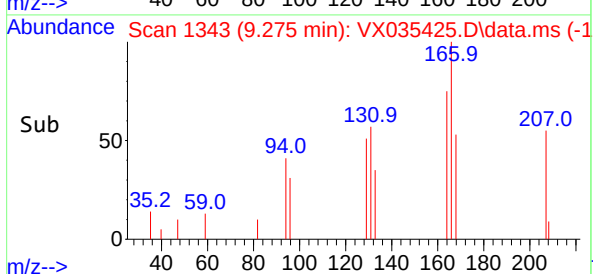
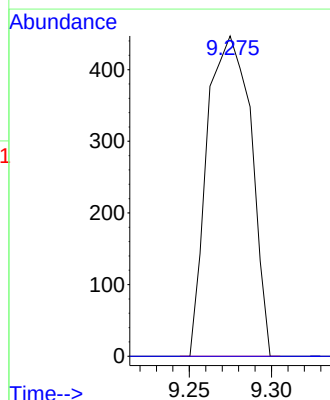
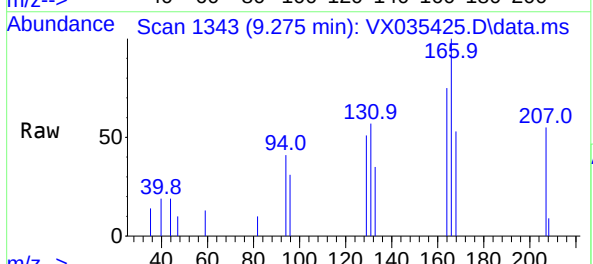
Instrument :
MSVOA_X
ClientSampleId :
MW-7

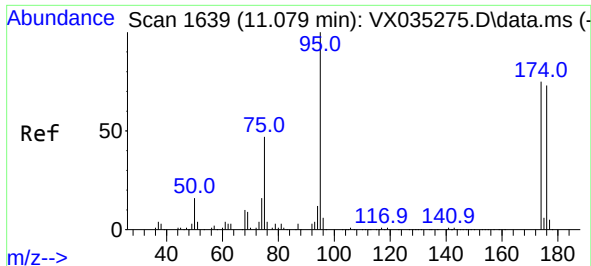
Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
58 208.6 30.6 46.0#



#60
Dibromochloromethane
Concen: 0.303 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.243 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 129 Resp: 827
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

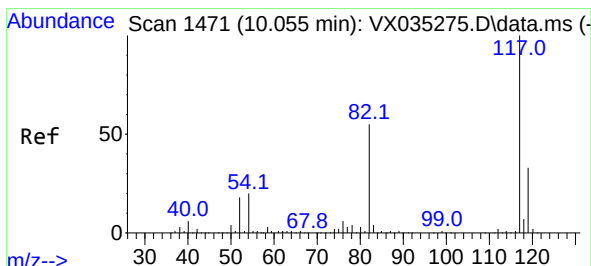
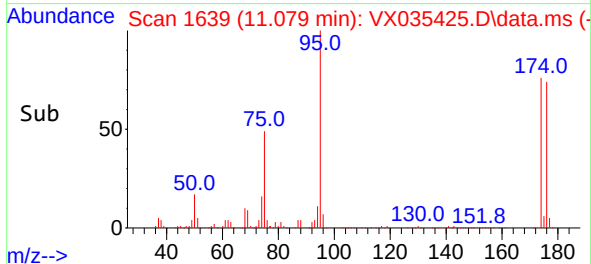
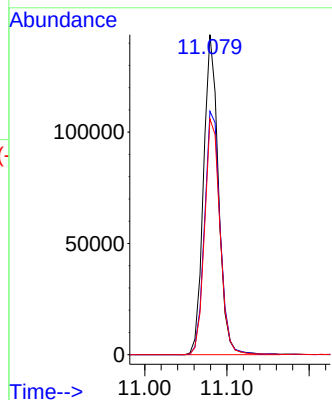
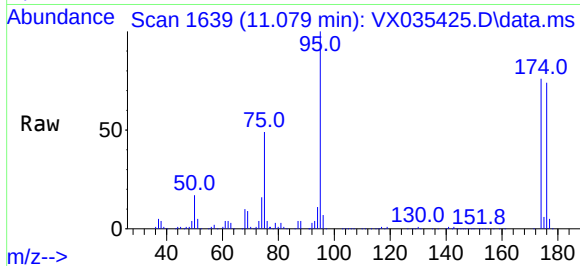




#62
4-Bromofluorobenzene
Concen: 50.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

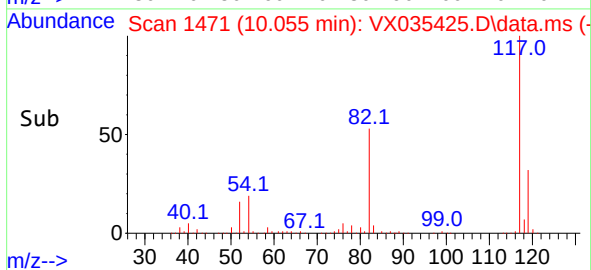
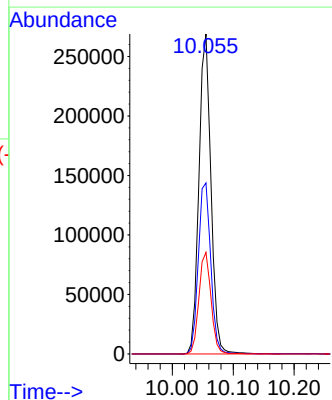
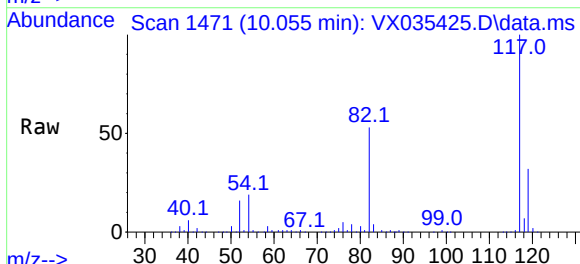
Instrument :
MSVOA_X
ClientSampleId :
MW-7

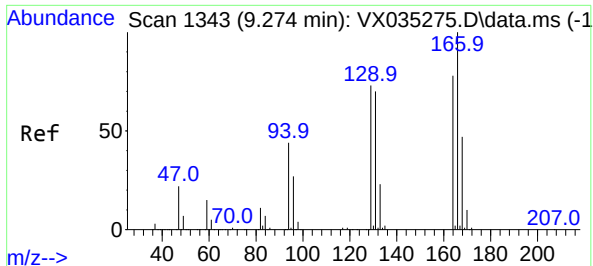
Tgt Ion: 95 Resp: 180711
Ion Ratio Lower Upper
95 100
174 79.9 0.0 147.4
176 76.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 117 Resp: 367794
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 31.8 26.0 39.0



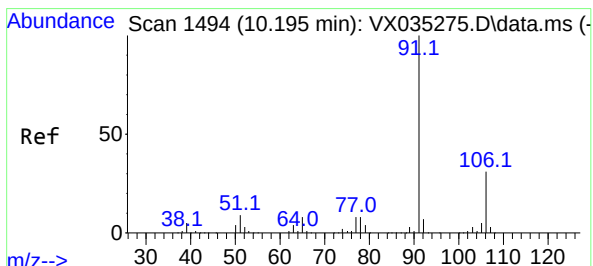
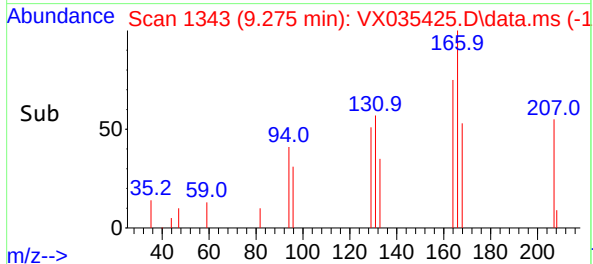
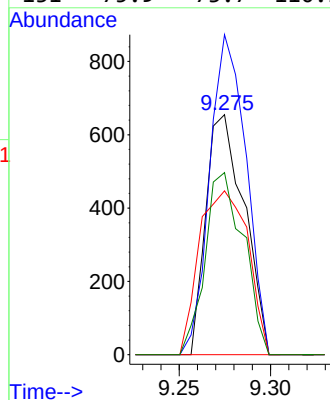
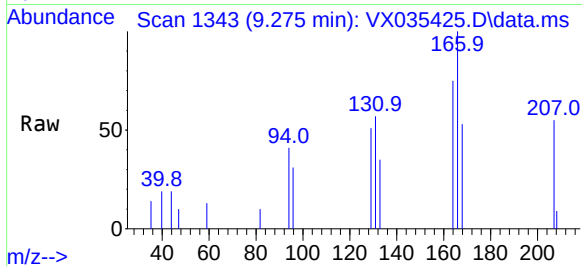


#64
Tetrachloroethene
Concen: 0.339 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:164 Resp: 954

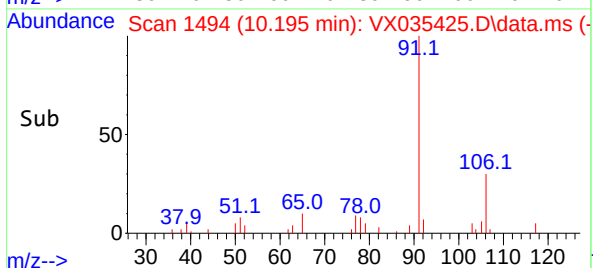
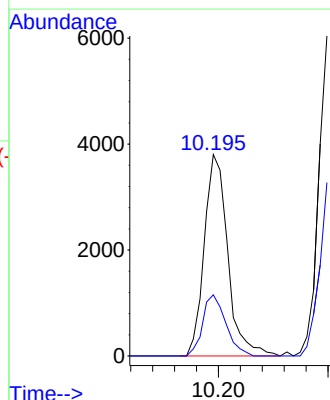
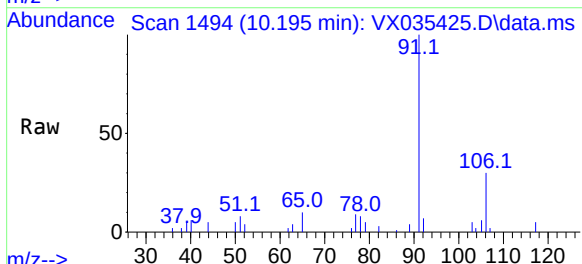
Ion	Ratio	Lower	Upper
164	100		
166	133.3	102.7	154.1
129	68.2	75.6	113.4#
131	75.9	73.7	110.5

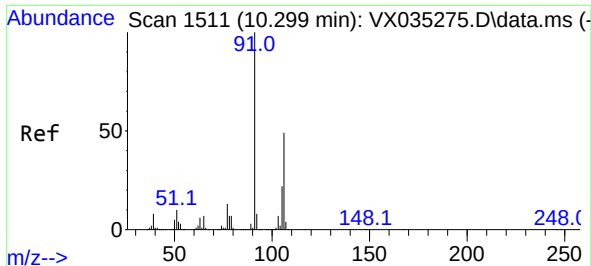


#67
Ethyl Benzene
Concen: 0.411 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 91 Resp: 5670

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.6	38.4





#68

m/p-Xylenes

Concen: 0.979 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX035425.D

Acq: 29 Apr 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

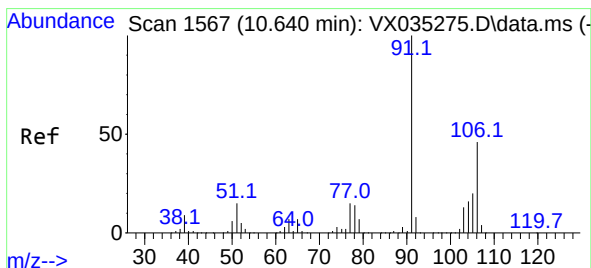
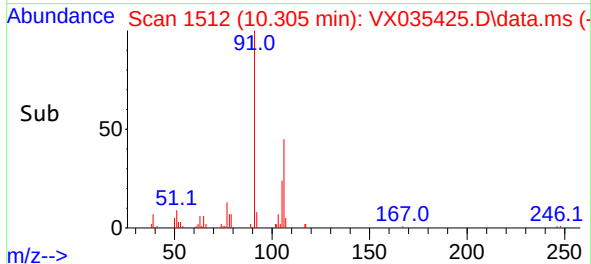
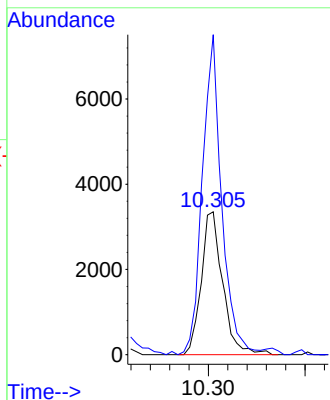
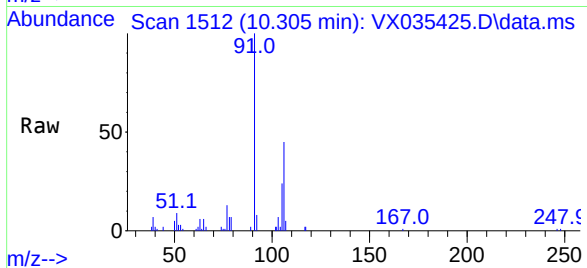
MW-7

Tgt Ion:106 Resp: 5170

Ion Ratio Lower Upper

106 100

91 202.1 164.0 246.0



#69

o-Xylene

Concen: 0.340 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035425.D

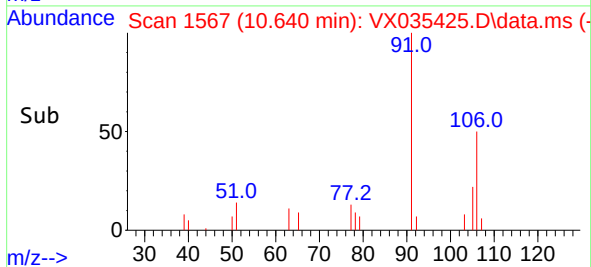
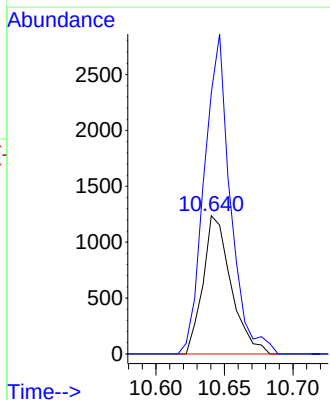
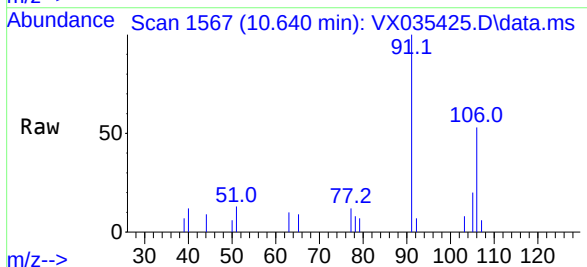
Acq: 29 Apr 2023 15:43

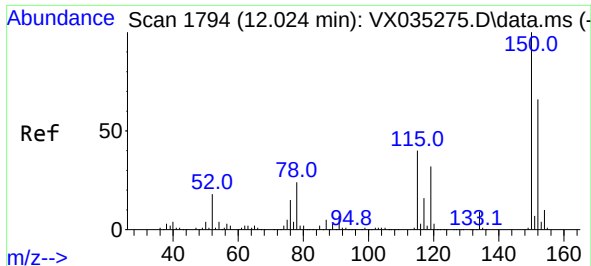
Tgt Ion:106 Resp: 1760

Ion Ratio Lower Upper

106 100

91 215.5 108.5 325.3

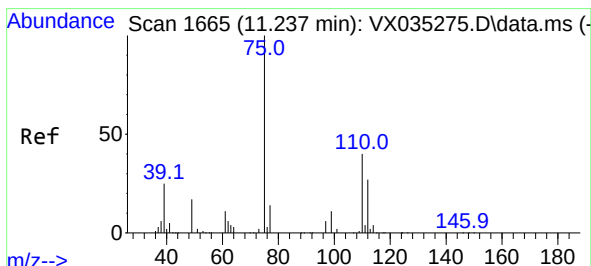
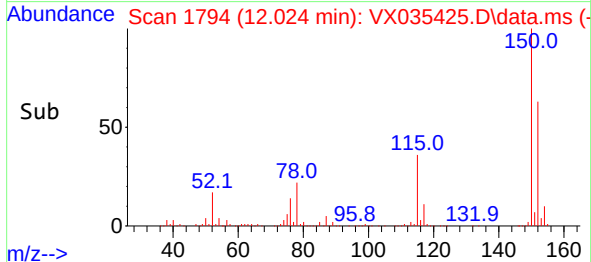
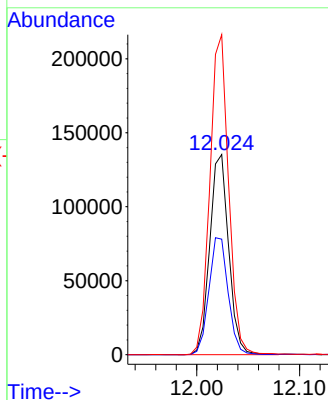
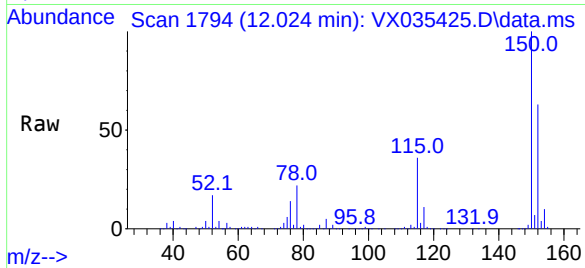




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035425.D
 Acq: 29 Apr 2023 15:43

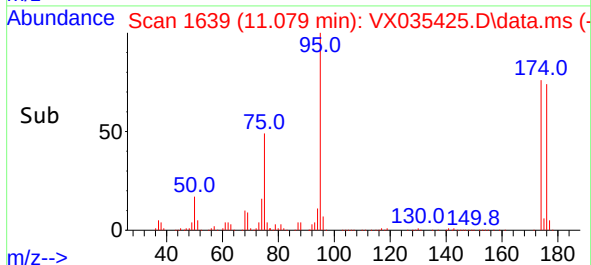
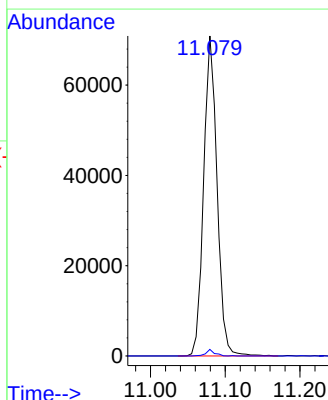
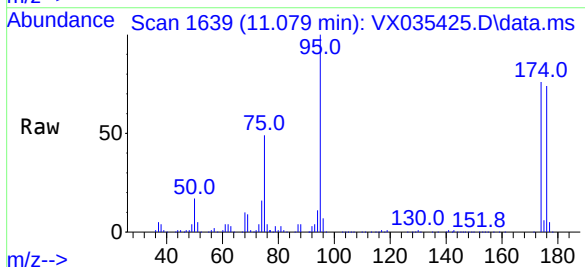
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

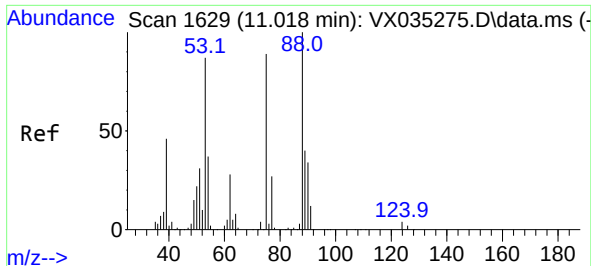
Tgt Ion:152 Resp: 172893
 Ion Ratio Lower Upper
 152 100
 115 59.7 45.0 135.0
 150 158.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.570 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035425.D
 Acq: 29 Apr 2023 15:43

Tgt Ion: 75 Resp: 88188
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 64.8#

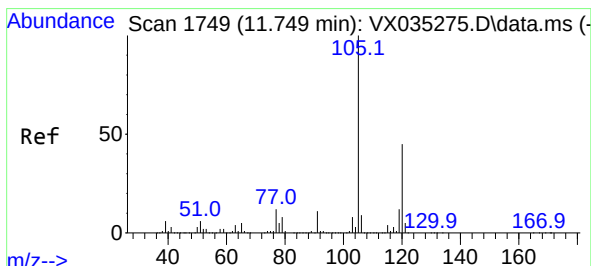
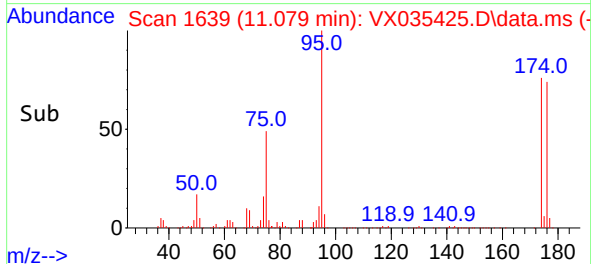
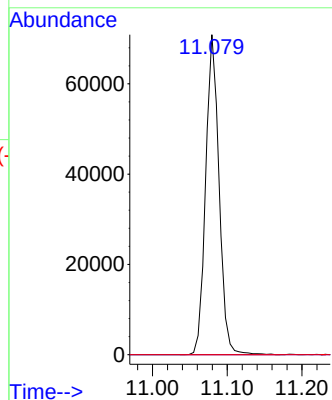
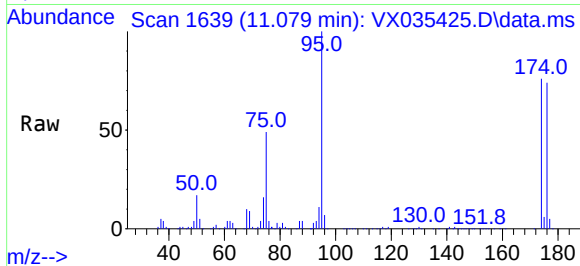




#81
trans-1,4-Dichloro-2-butene
Concen: 82.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

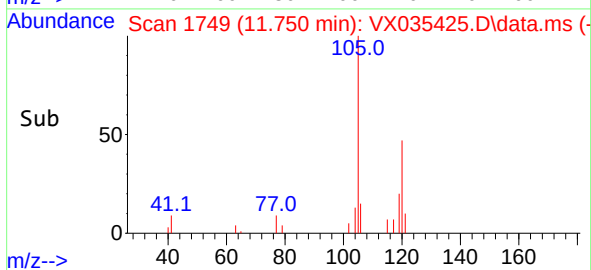
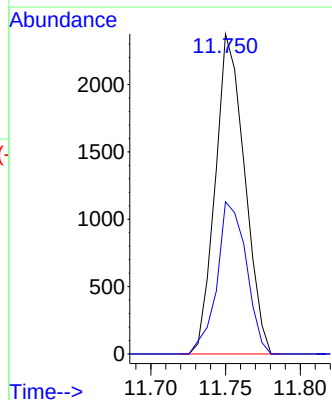
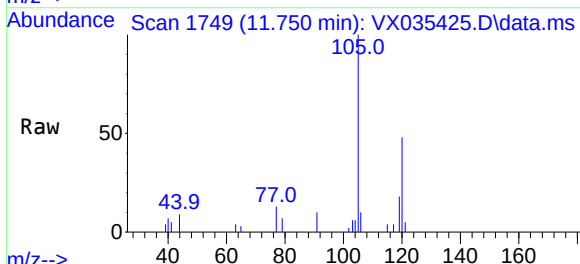
Instrument :
MSVOA_X
ClientSampleId :
MW-7

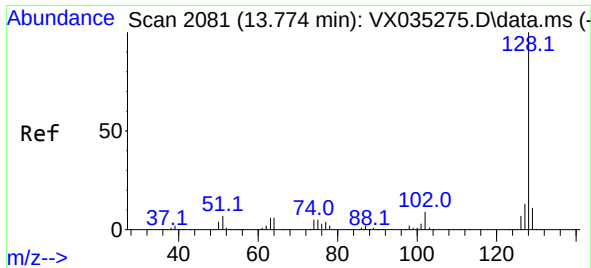
Tgt Ion: 75 Resp: 88188
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.302 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Tgt Ion: 105 Resp: 3236
Ion Ratio Lower Upper
105 100
120 47.5 22.4 67.0





#95
Naphthalene
Concen: 0.687 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035425.D
Acq: 29 Apr 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:	128	Resp:	7941
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	12.0	8.6	13.0

