

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033677.D
 Acq On : 16 Jan 2024 17:45
 Operator : SY/MD
 Sample : P1062-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH262

Quant Time: Jan 17 00:14:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 00:08:33 2024
 Response via : Initial Calibration

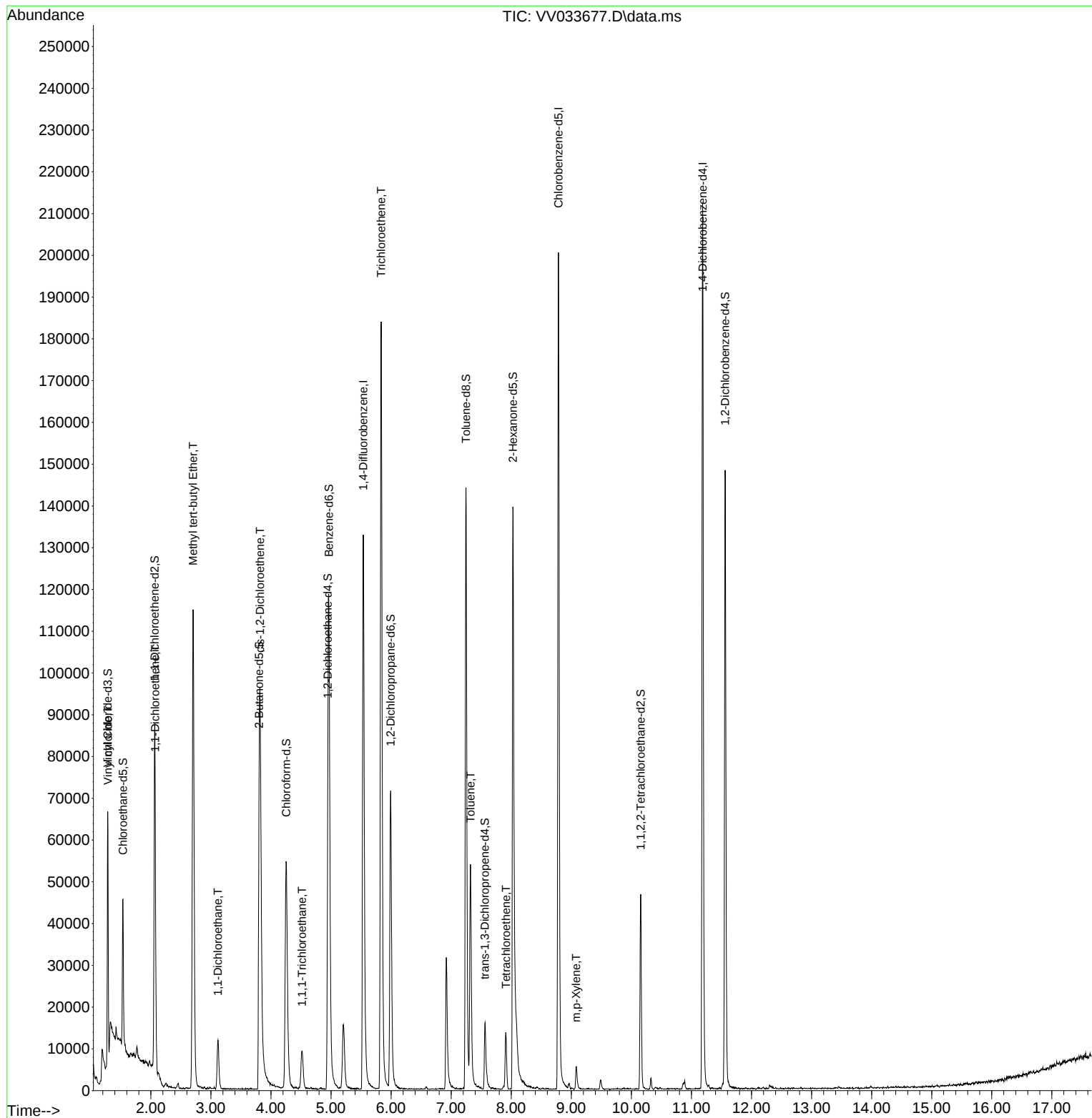
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	113832	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	106347	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	53775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	21772	3.498	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.000%	
7) Chloroethane-d5	1.536	69	21566	3.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.063	65	10773	3.840	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.800%	
20) 2-Butanone-d5	3.802	46	67974	44.663	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.320%	
24) Chloroform-d	4.252	84	58580	4.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	4.947	65	27702	4.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	4.963	84	107670	4.196	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
36) 1,2-Dichloropropane-d6	5.992	67	36008	4.209	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.200%	
41) Toluene-d8	7.246	98	95465	4.167	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	7.561	79	11021	3.726	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.600%	
46) 2-Hexanone-d5	8.027	63	50616	43.589	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.180%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	22861	4.573	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	37048	4.487	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
5) Vinyl chloride	1.285	62	18866	1.593	ug/L	88
12) 1,1-Dichloroethene	2.072	96	9086	1.132	ug/L #	39
17) Methyl tert-butyl Ether	2.703	73	114443	6.299	ug/L	99
19) 1,1-Dichloroethane	3.117	63	13063	0.725	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	39065	4.116	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	8166	0.542	ug/L	96
34) Trichloroethene	5.834	95	65749	6.541	ug/L	97
42) Toluene	7.323	91	40519	1.015	ug/L	100
47) Tetrachloroethene	7.911	164	3146	0.436	ug/L	95
53) m,p-Xylene	9.082	106	1788	0.105	ug/L	90

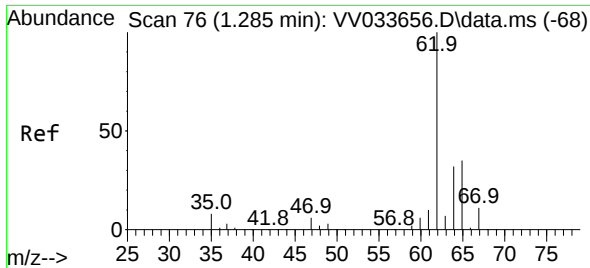
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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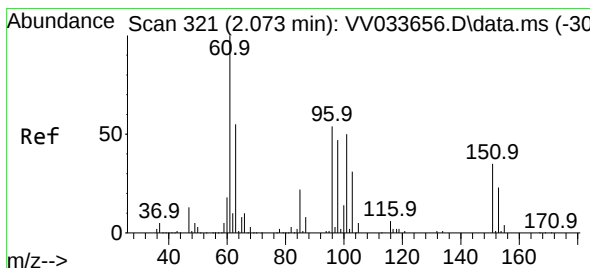
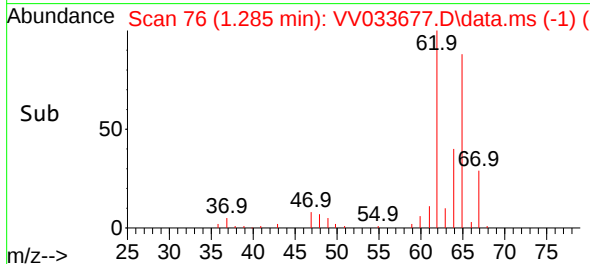
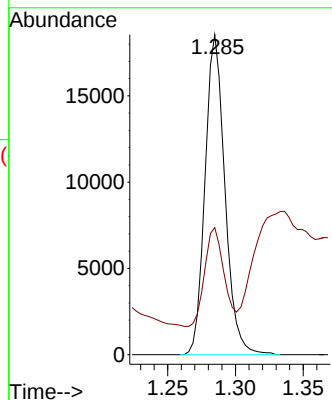
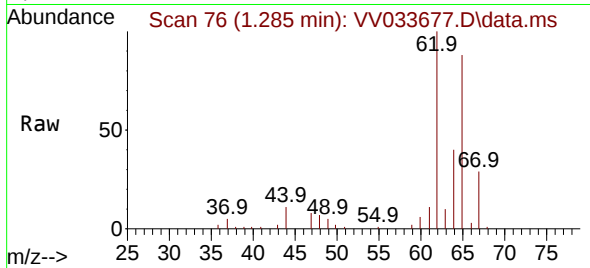




#5
 Vinyl chloride
 Concen: 1.593 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033677.D
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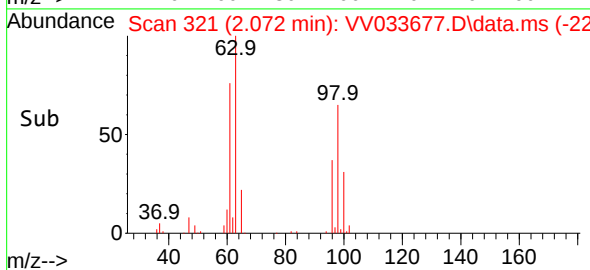
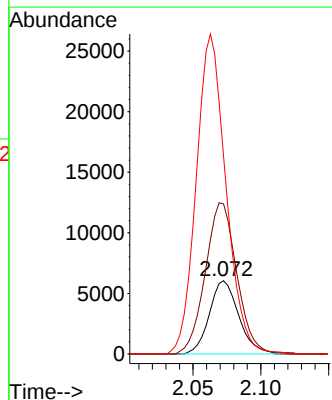
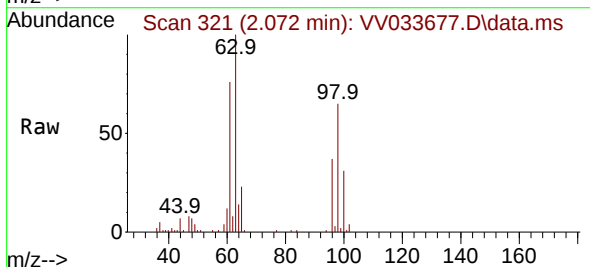
Instrument :
 MSVOA_V
 ClientSampleId :
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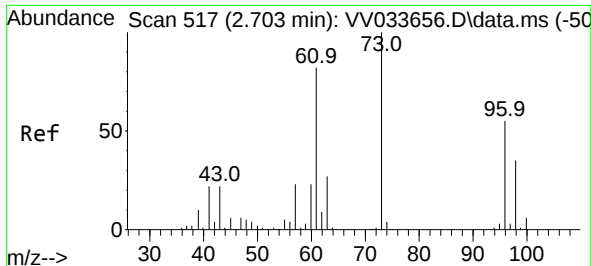
Tgt Ion: 62 Resp: 18866
 Ion Ratio Lower Upper
 62 100
 64 39.7 23.0 42.8



#12
 1,1-Dichloroethene
 Concen: 1.132 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033677.D
 Acq: 16 Jan 2024 17:45

Tgt Ion: 96 Resp: 9086
 Ion Ratio Lower Upper
 96 100
 61 205.0 133.8 248.4
 63 270.2 77.2 143.4#





#17

Methyl tert-butyl Ether

Concen: 6.299 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV033677.D

Acq: 16 Jan 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

BH262

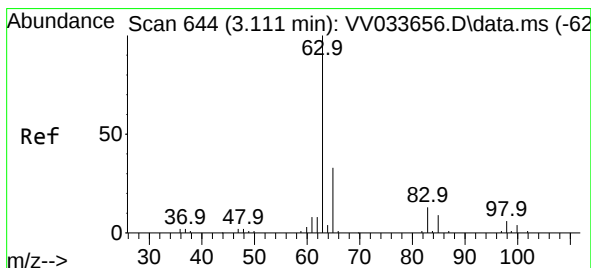
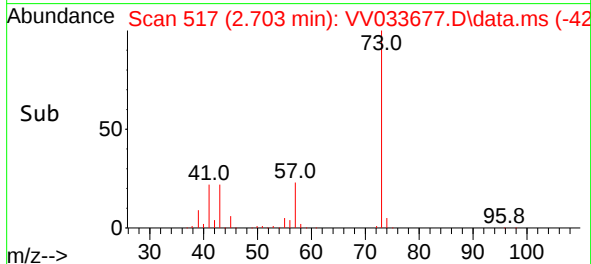
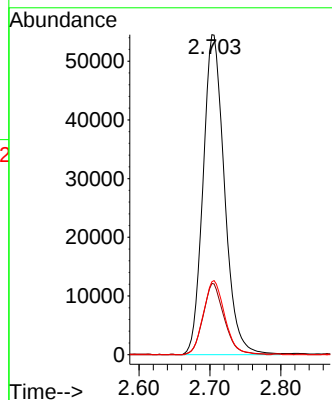
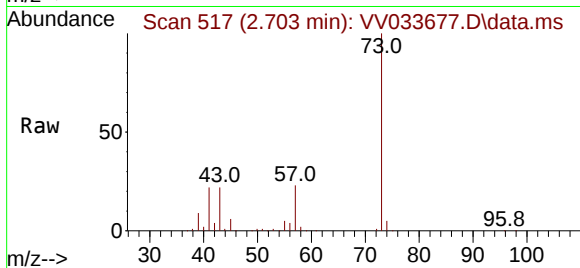
Tgt Ion: 73 Resp: 114443

Ion Ratio Lower Upper

73 100

43 22.0 17.7 26.5

57 23.1 19.5 29.3



#19

1,1-Dichloroethane

Concen: 0.725 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.006 min

Lab File: VV033677.D

Acq: 16 Jan 2024 17:45

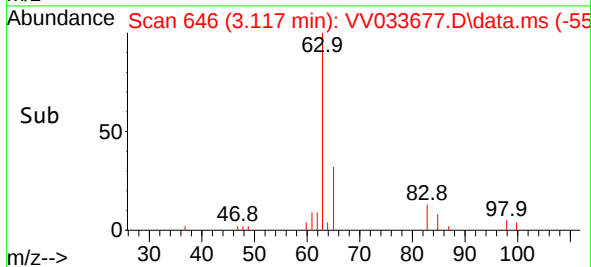
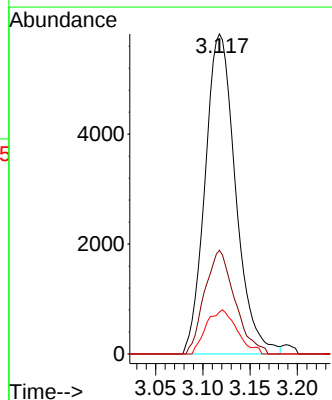
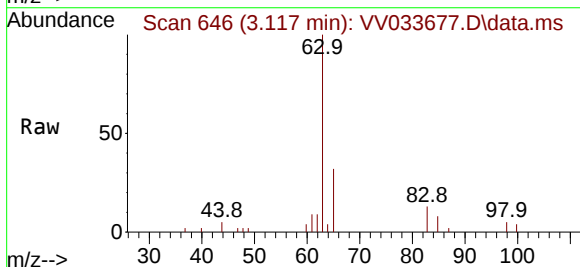
Tgt Ion: 63 Resp: 13063

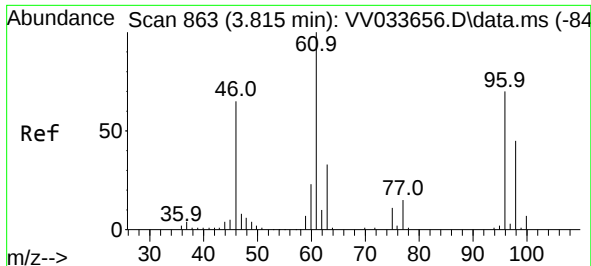
Ion Ratio Lower Upper

63 100

65 32.4 21.6 40.2

83 13.1 9.1 16.9

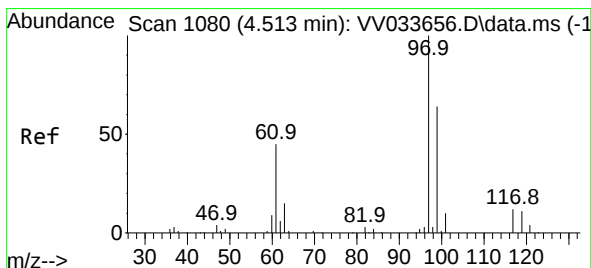
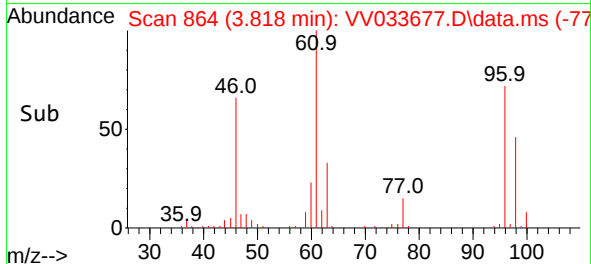
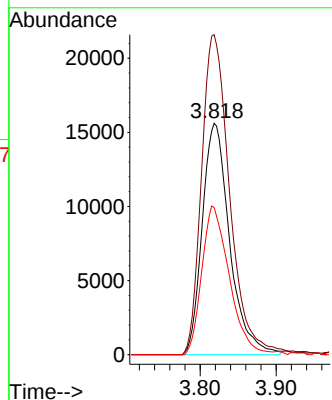
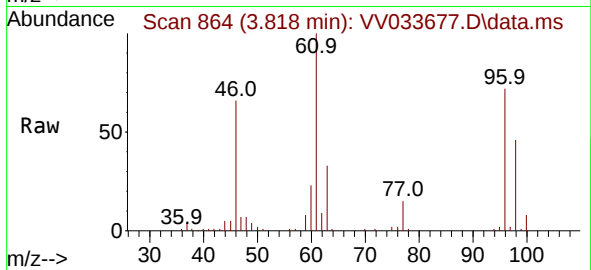




#22
 cis-1,2-Dichloroethene
 Concen: 4.116 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV033677.D
 Acq: 16 Jan 2024 17:45

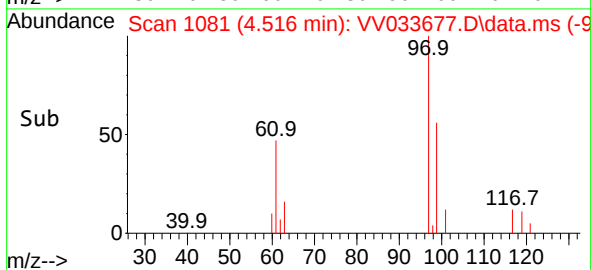
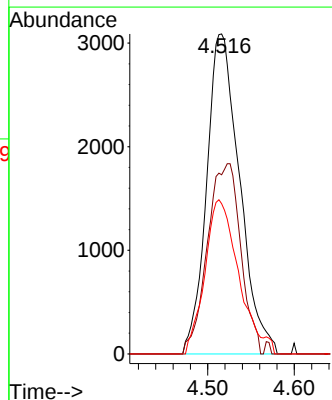
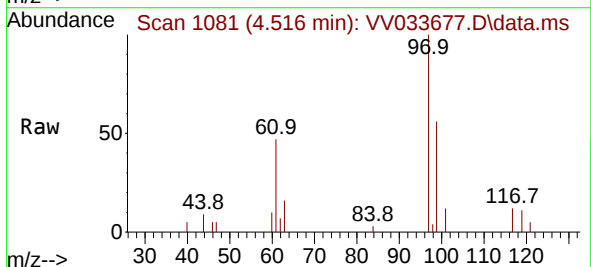
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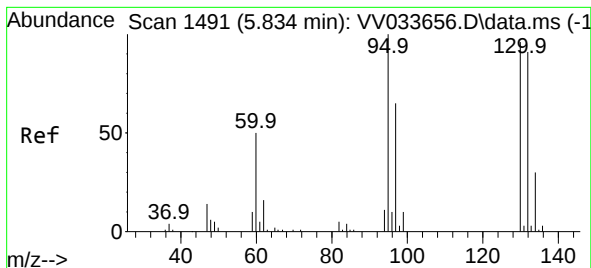
Tgt Ion: 96 Resp: 39065
 Ion Ratio Lower Upper
 96 100
 61 138.3 97.1 180.3
 98 63.6 42.6 79.0



#29
 1,1,1-Trichloroethane
 Concen: 0.542 ug/L
 RT: 4.516 min Scan# 1081
 Delta R.T. 0.003 min
 Lab File: VV033677.D
 Acq: 16 Jan 2024 17:45

Tgt Ion: 97 Resp: 8166
 Ion Ratio Lower Upper
 97 100
 99 60.1 50.8 76.2
 61 49.5 38.1 57.1





#34

Trichloroethene

Concen: 6.541 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV033677.D

Acq: 16 Jan 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :

BH262

Tgt Ion: 95 Resp: 65749

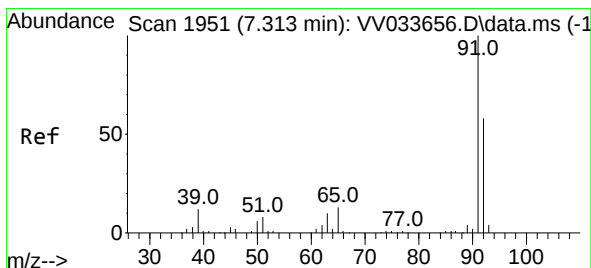
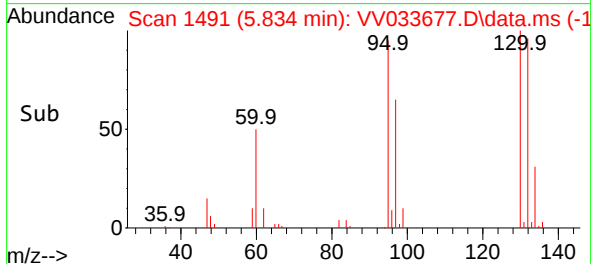
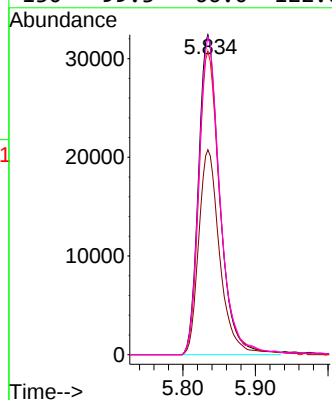
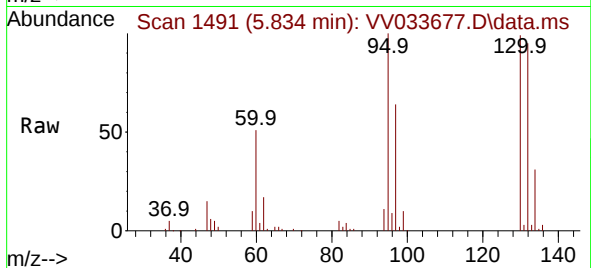
Ion Ratio Lower Upper

95 100

97 64.1 45.1 83.9

132 94.9 65.2 121.2

130 99.3 66.0 122.6



#42

Toluene

Concen: 1.015 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV033677.D

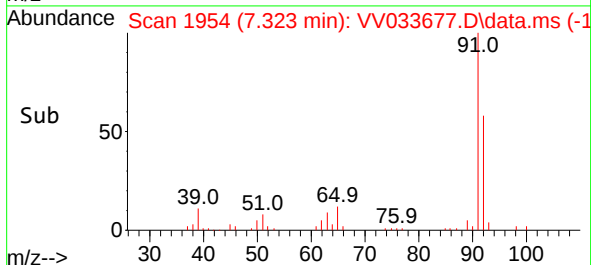
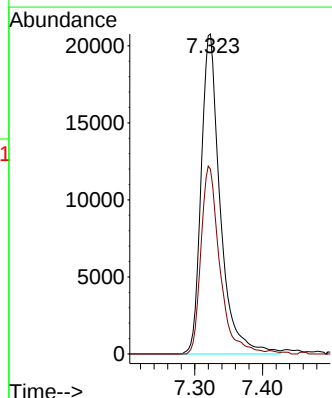
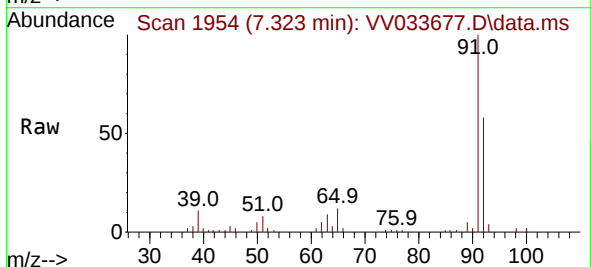
Acq: 16 Jan 2024 17:45

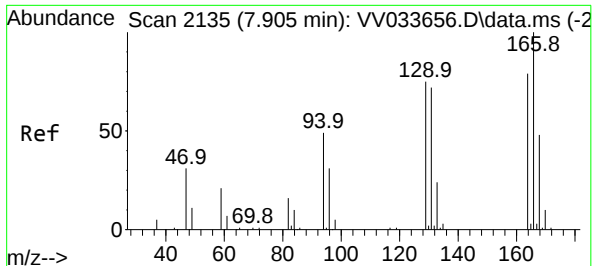
Tgt Ion: 91 Resp: 40519

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.3





#47

Tetrachloroethene

Concen: 0.436 ug/L

RT: 7.911 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV033677.D

Acq: 16 Jan 2024 17:45

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Tgt Ion:164 Resp: 3146

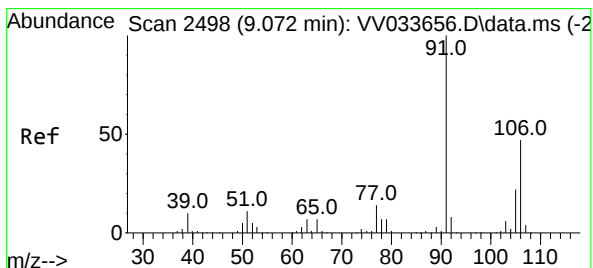
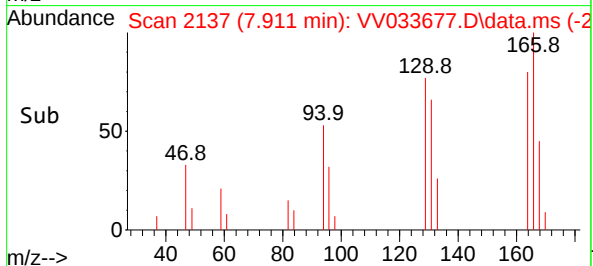
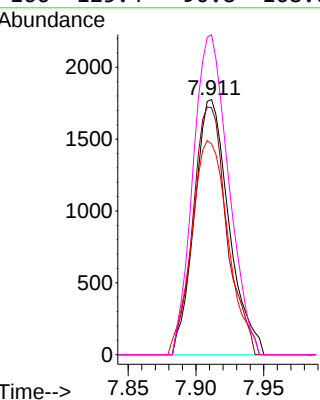
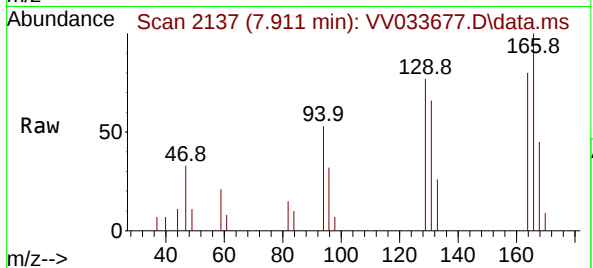
Ion Ratio Lower Upper

164 100

129 96.8 67.1 124.7

131 82.5 65.0 120.6

166 125.4 90.8 168.6



#53

m,p-Xylene

Concen: 0.105 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV033677.D

Acq: 16 Jan 2024 17:45

Tgt Ion:106 Resp: 1788

Ion Ratio Lower Upper

106 100

91 192.8 146.2 271.4

