

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
 Data File : VV033612.D
 Acq On : 12 Jan 2024 22:17
 Operator : SY/MD
 Sample : P1121-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH275

Quant Time: Jan 13 00:58:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

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

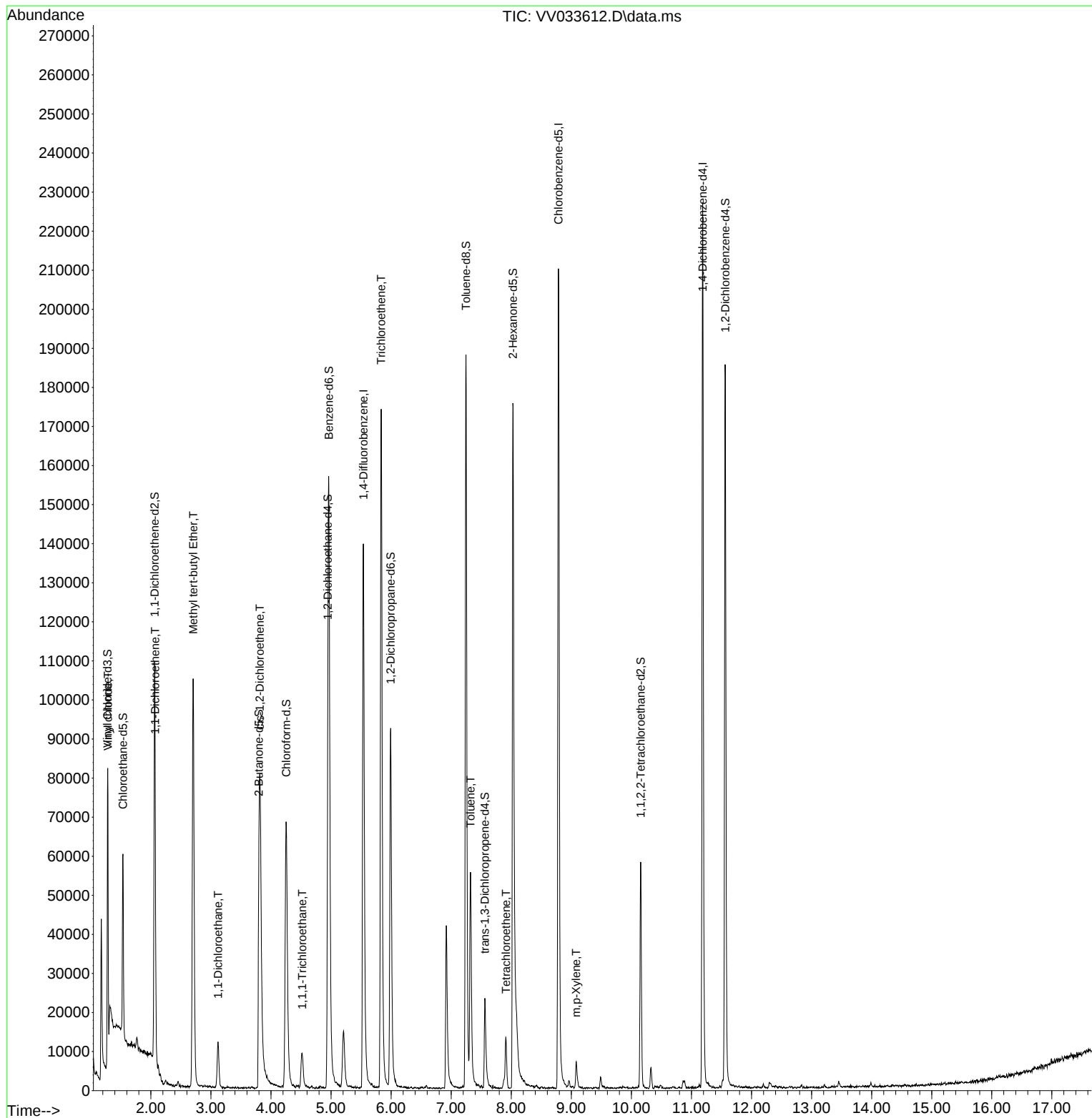
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	119821	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	111896	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31725	4.842	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.535	69	28873	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.063	65	15169	5.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	3.799	46	80200	50.063	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	4.252	84	72767	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.947	65	35105	5.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	4.963	84	139539	5.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	5.992	67	45842	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.246	98	123963	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.561	79	14955	4.806	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.027	63	64691	52.947	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.900%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29655	5.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	46083	5.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	19037	1.527	ug/L	96
12) 1,1-Dichloroethene	2.072	96	8123	0.962	ug/L	# 1
17) Methyl tert-butyl Ether	2.706	73	104251	5.451	ug/L	98
19) 1,1-Dichloroethane	3.121	63	13002	0.686	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	27639	2.767	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	7941	0.501	ug/L	99
34) Trichloroethene	5.834	95	63330	5.988	ug/L	99
42) Toluene	7.323	91	41406	0.985	ug/L	99
47) Tetrachloroethene	7.911	164	3003	0.395	ug/L	96
53) m,p-Xylene	9.082	106	2113	0.118	ug/L	71

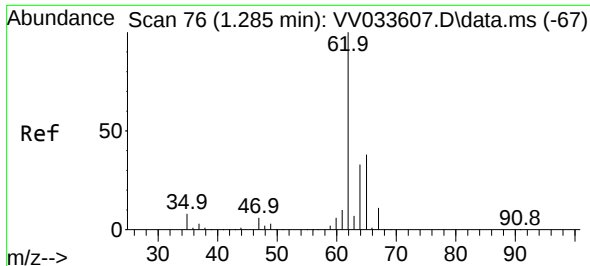
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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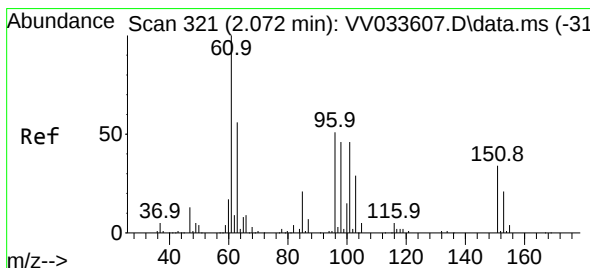
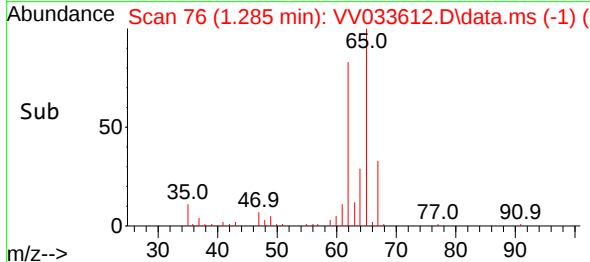
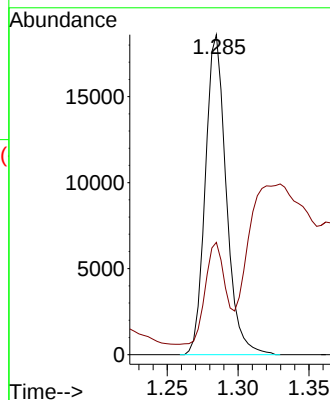
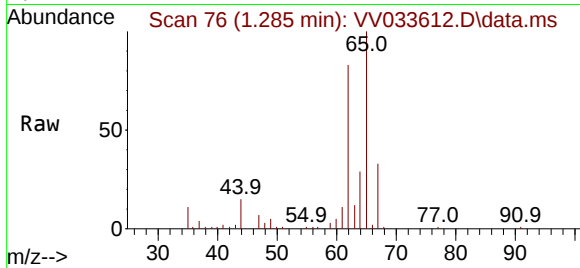




#5
 Vinyl chloride
 Concen: 1.527 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV033612.D
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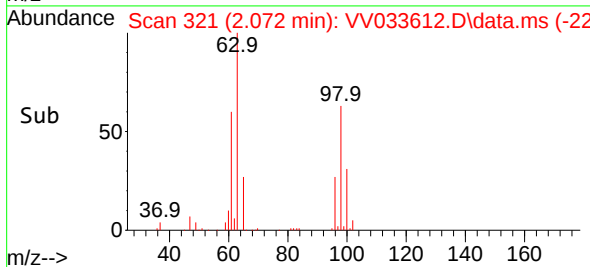
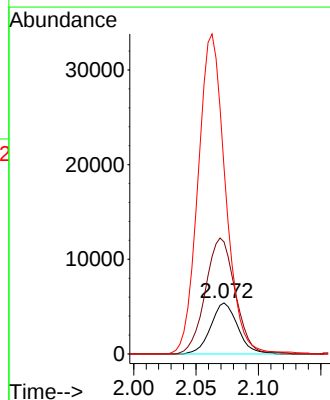
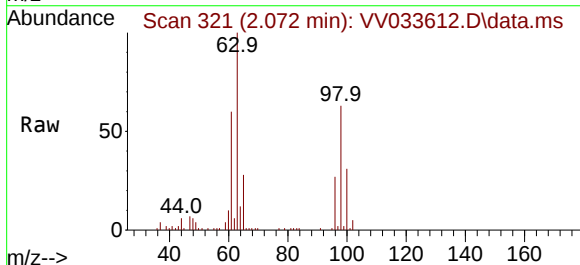
Instrument :
 MSVOA_V
 ClientSampleId :
 BH275

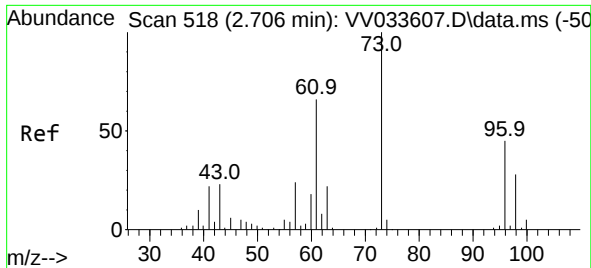
Tgt Ion: 62 Resp: 19037
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.0 42.8



#12
 1,1-Dichloroethene
 Concen: 0.962 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV033612.D
 Acq: 12 Jan 2024 22:17

Tgt Ion: 96 Resp: 8123
 Ion Ratio Lower Upper
 96 100
 61 219.8 133.8 248.4
 63 365.6 77.2 143.4#

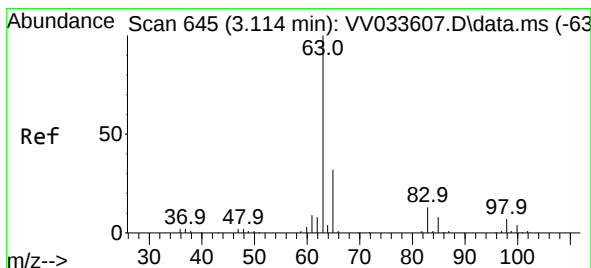
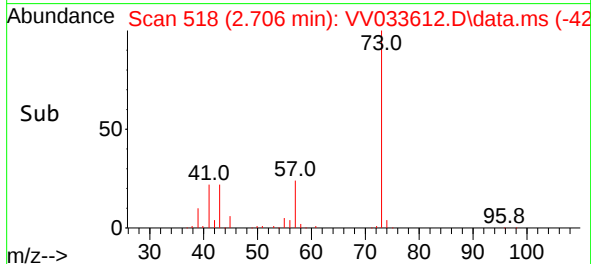
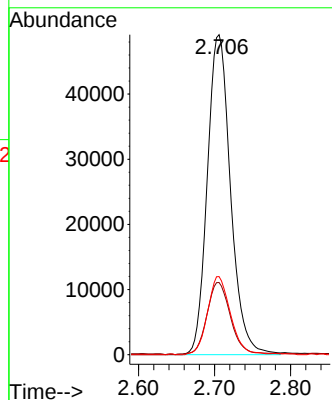
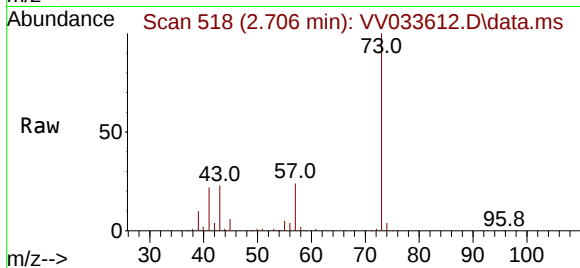




#17
Methyl tert-butyl Ether
Concen: 5.451 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV033612.D
Acq: 12 Jan 2024 22:17

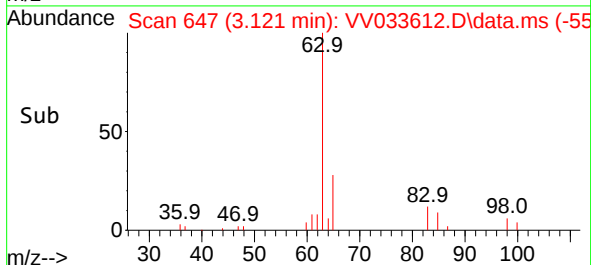
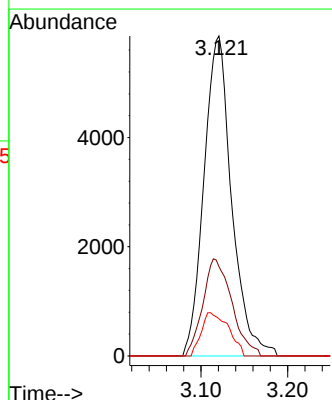
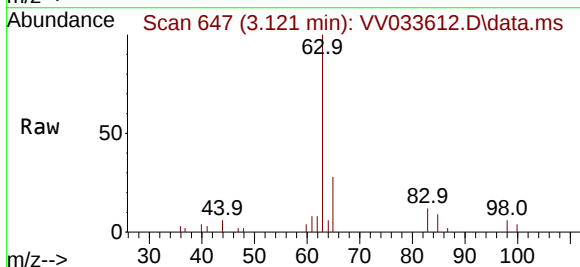
Instrument :
MSVOA_V
ClientSampleId :
BH275

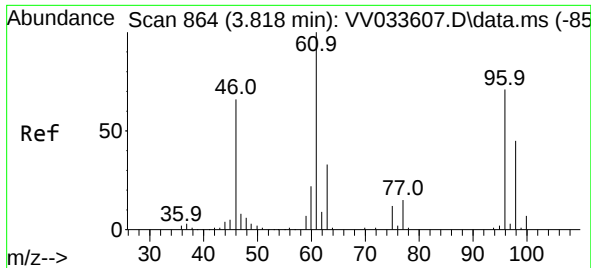
Tgt Ion: 73	Resp: 104251
Ion Ratio	Lower Upper
73 100	
43 23.3	17.7 26.5
57 24.0	19.5 29.3



#19
1,1-Dichloroethane
Concen: 0.686 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.006 min
Lab File: VV033612.D
Acq: 12 Jan 2024 22:17

Tgt Ion: 63	Resp: 13002		
Ion Ratio	Lower	Upper	
63 100			
65 28.0	21.6	40.2	
83 11.7	9.1	16.9	

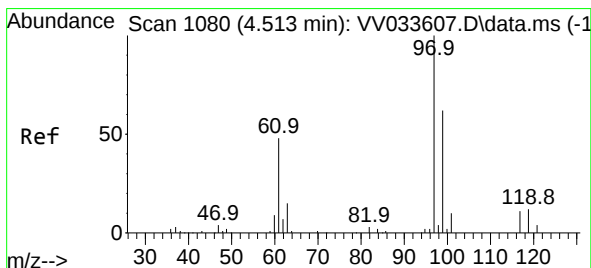
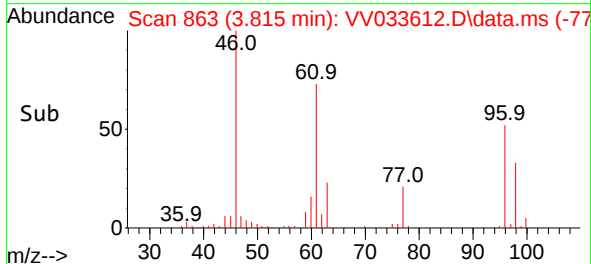
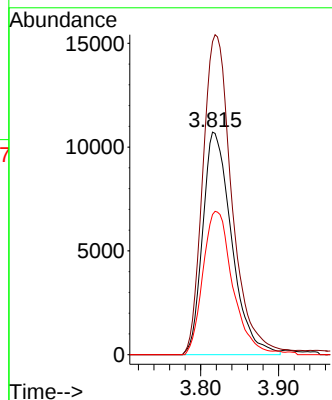
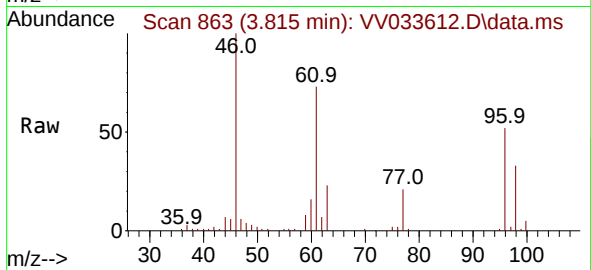




#22
 cis-1,2-Dichloroethene
 Concen: 2.767 ug/L
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV033612.D
 Acq: 12 Jan 2024 22:17

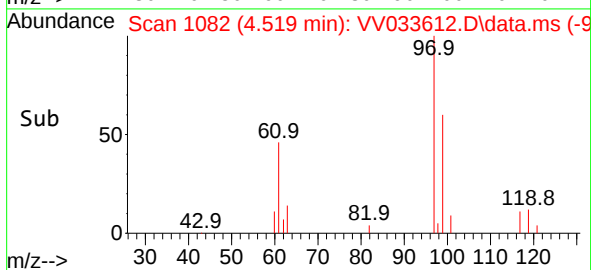
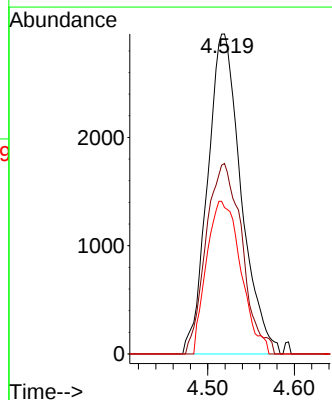
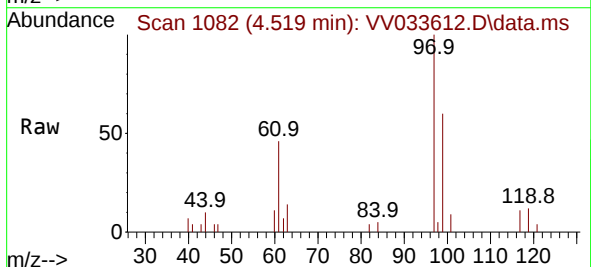
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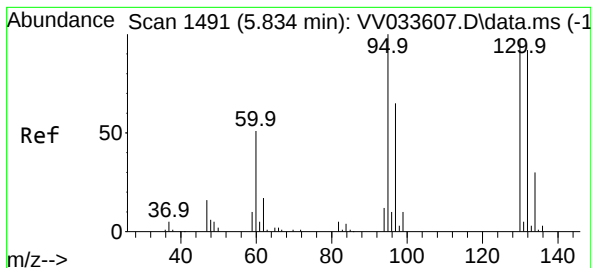
Tgt Ion: 96 Resp: 27639
 Ion Ratio Lower Upper
 96 100
 61 140.6 97.1 180.3
 98 63.0 42.6 79.0



#29
 1,1,1-Trichloroethane
 Concen: 0.501 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. 0.007 min
 Lab File: VV033612.D
 Acq: 12 Jan 2024 22:17

Tgt Ion: 97 Resp: 7941
 Ion Ratio Lower Upper
 97 100
 99 63.8 50.8 76.2
 61 48.8 38.1 57.1





#34

Trichloroethene

Concen: 5.988 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV033612.D

Acq: 12 Jan 2024 22:17

Instrument :

MSVOA_V

ClientSampleId :

BH275

Tgt Ion: 95 Resp: 63330

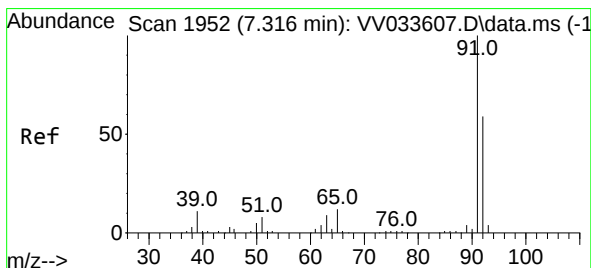
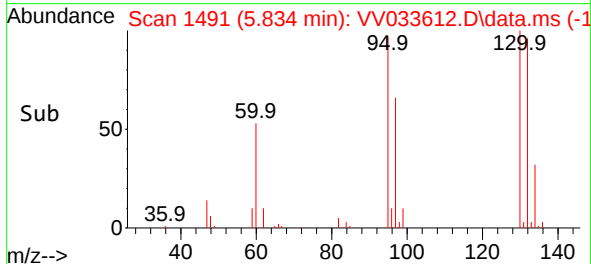
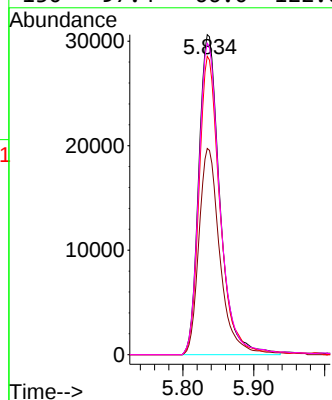
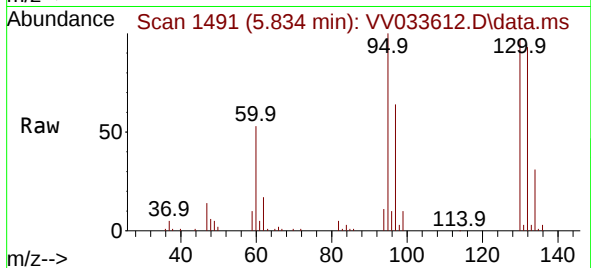
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.9

132 93.3 65.2 121.2

130 97.4 66.0 122.6



#42

Toluene

Concen: 0.985 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV033612.D

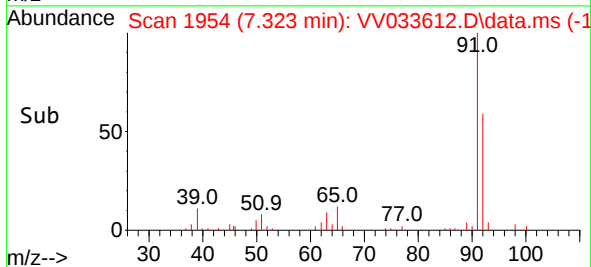
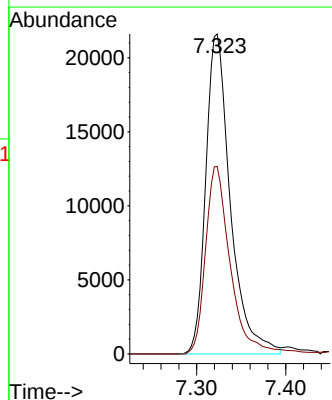
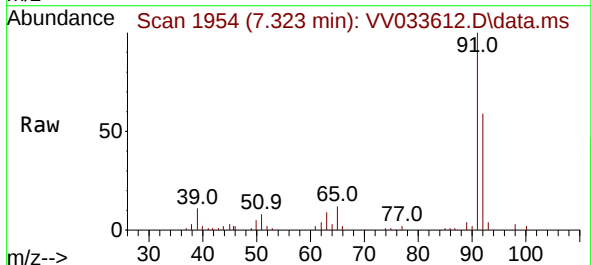
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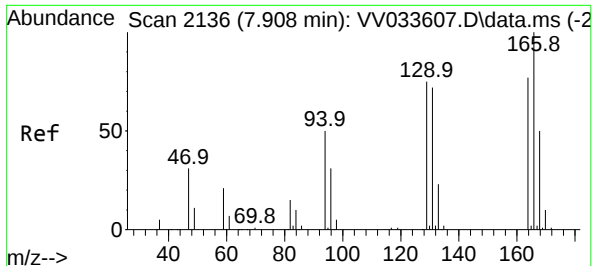
Tgt Ion: 91 Resp: 41406

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3





#47

Tetrachloroethene

Concen: 0.395 ug/L

RT: 7.911 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033612.D

Acq: 12 Jan 2024 22:17

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MSVOA_V

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Tgt Ion:164 Resp: 3003

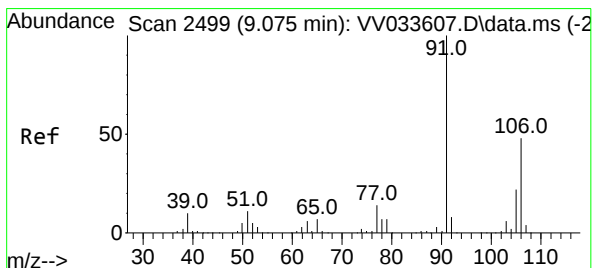
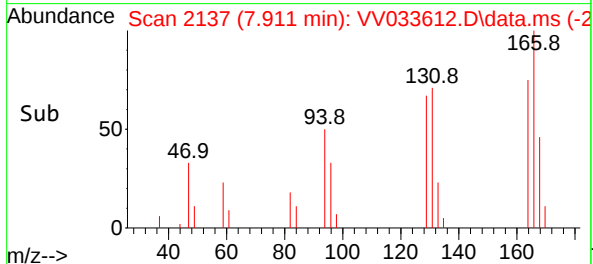
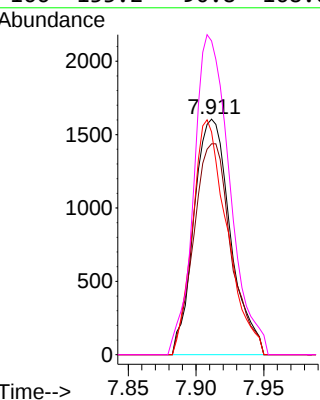
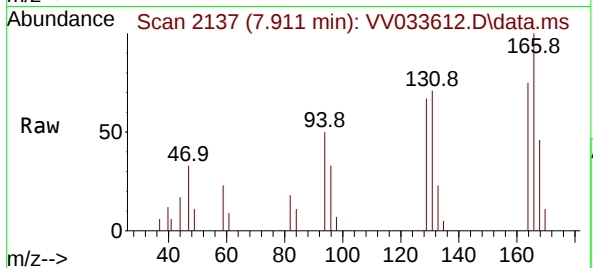
Ion Ratio Lower Upper

164 100

129 89.6 67.1 124.7

131 94.6 65.0 120.6

166 133.2 90.8 168.6



#53

m,p-Xylene

Concen: 0.118 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.006 min

Lab File: VV033612.D

Acq: 12 Jan 2024 22:17

Tgt Ion:106 Resp: 2113

Ion Ratio Lower Upper

106 100

91 253.2 146.2 271.4

