

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
 Data File : VV033613.D
 Acq On : 12 Jan 2024 22:41
 Operator : SY/MD
 Sample : P1121-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH276

Quant Time: Jan 13 00:58:53 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

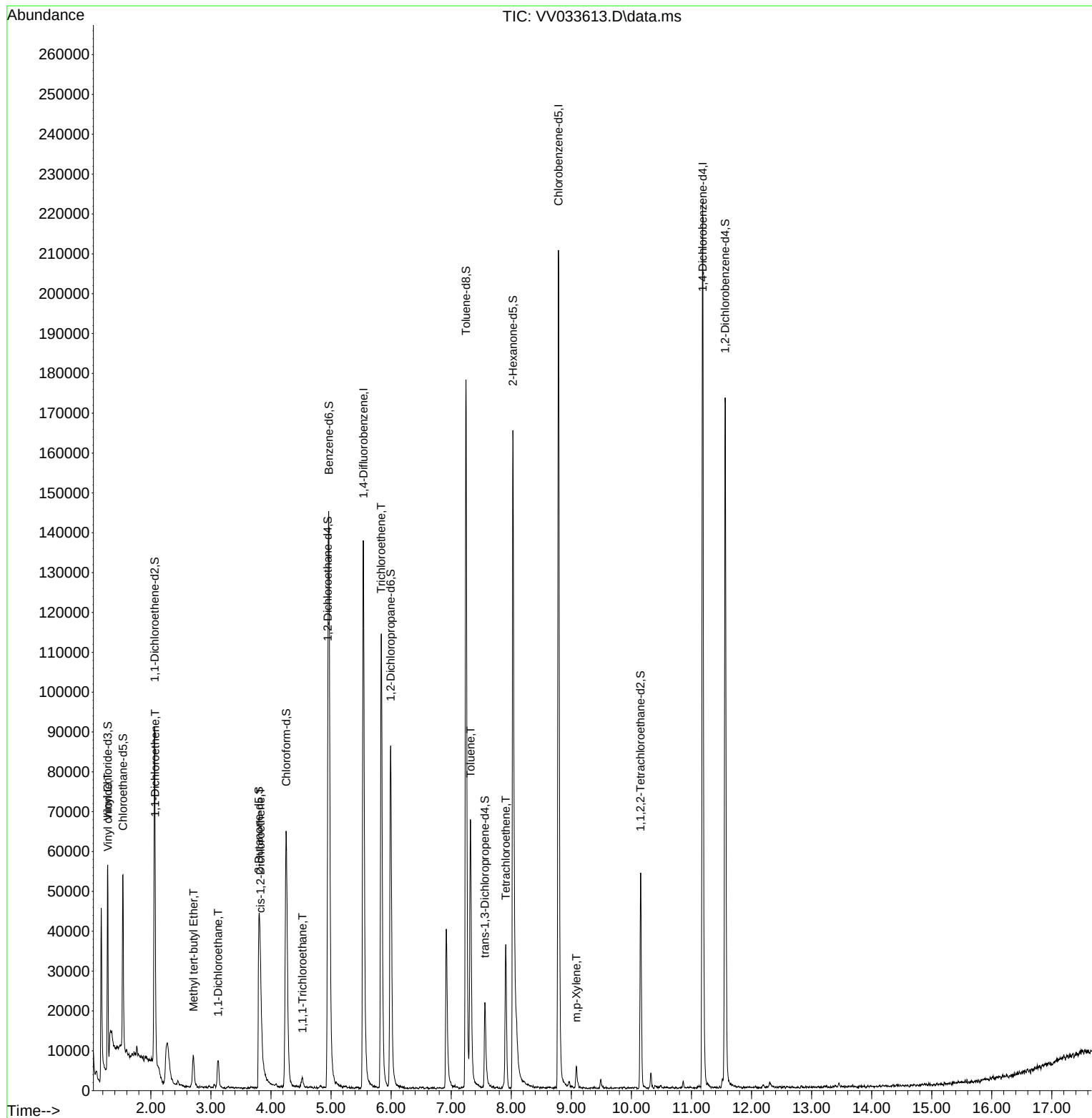
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	119101	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	110855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	29945	4.598	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.535	69	27246	4.717	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.400%	
11) 1,1-Dichloroethene-d2	2.063	65	13984	4.765	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	3.799	46	75651	47.509	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.020%	
24) Chloroform-d	4.252	84	68847	4.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	4.947	65	33894	5.367	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	4.963	84	131771	4.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	5.992	67	43997	4.934	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.246	98	116495	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
43) trans-1,3-Dichloroprop...	7.561	79	14422	4.678	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.027	63	59651	49.281	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.560%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	26632	5.111	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	43713	5.060	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
5) Vinyl chloride	1.285	62	3349	0.270	ug/L #	66
12) 1,1-Dichloroethene	2.072	96	2313	0.276	ug/L #	1
17) Methyl tert-butyl Ether	2.709	73	6999	0.368	ug/L #	94
19) 1,1-Dichloroethane	3.121	63	8436	0.448	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	7321	0.737	ug/L	95
29) 1,1,1-Trichloroethane	4.522	97	2200	0.140	ug/L	93
34) Trichloroethene	5.834	95	41925	4.002	ug/L	95
42) Toluene	7.323	91	51090	1.227	ug/L	100
47) Tetrachloroethene	7.908	164	8045	1.069	ug/L	98
53) m,p-Xylene	9.085	106	1772	0.100	ug/L	90

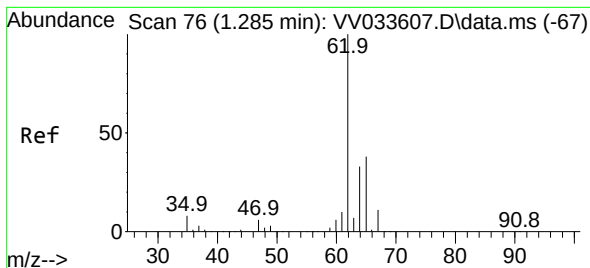
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.270 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033613.D

Acq: 12 Jan 2024 22:41

Instrument :

MSVOA_V

ClientSampleId :

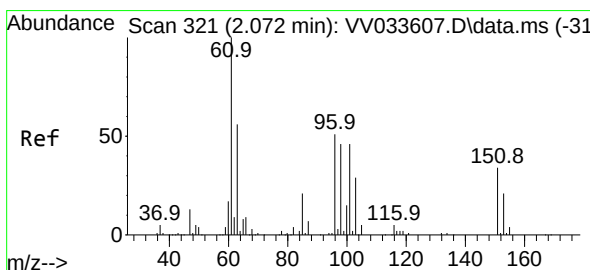
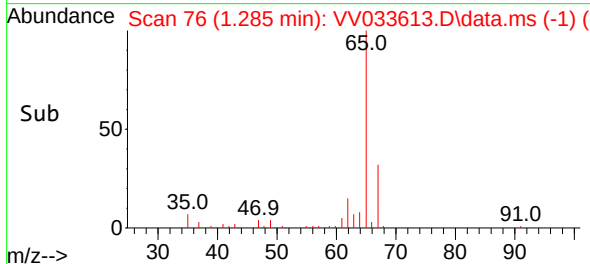
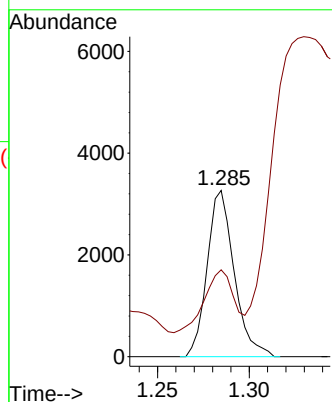
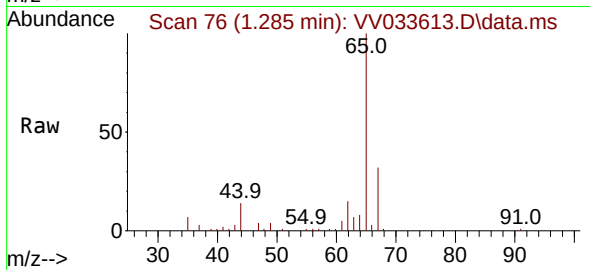
BH276

Tgt Ion: 62 Resp: 3349

Ion Ratio Lower Upper

62 100

64 52.2 23.0 42.8#



#12

1,1-Dichloroethene

Concen: 0.276 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV033613.D

Acq: 12 Jan 2024 22:41

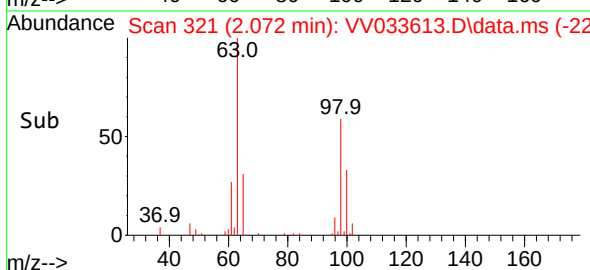
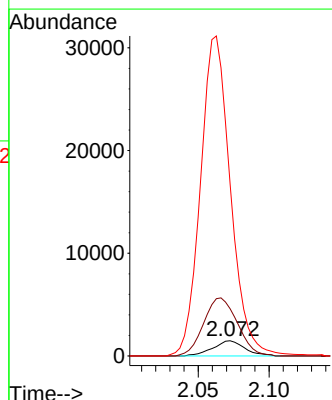
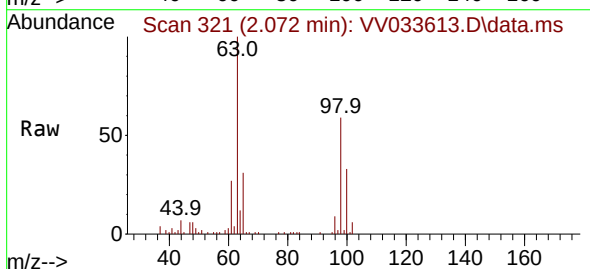
Tgt Ion: 96 Resp: 2313

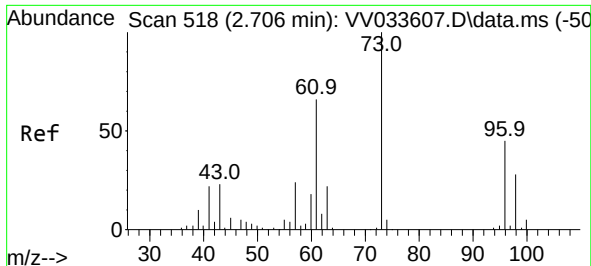
Ion Ratio Lower Upper

96 100

61 309.2 133.8 248.4#

63 1127.0 77.2 143.4#





#17

Methyl tert-butyl Ether

Concen: 0.368 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV033613.D

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Instrument :

MSVOA_V

ClientSampleId :

BH276

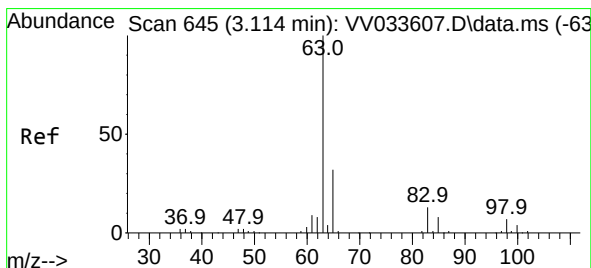
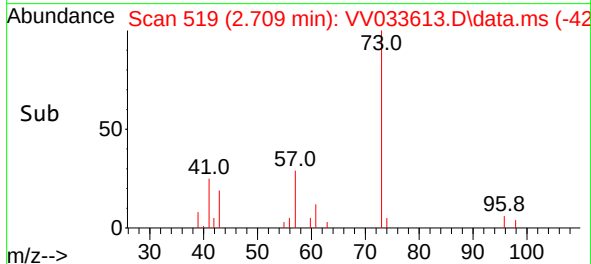
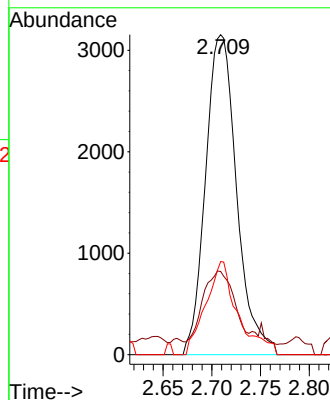
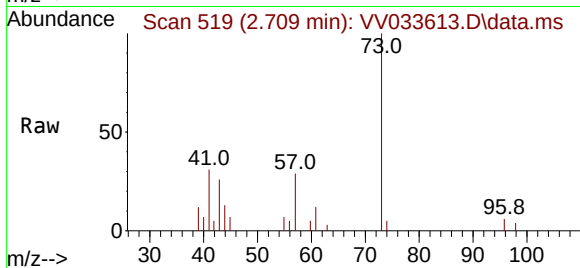
Tgt Ion: 73 Resp: 6999

Ion Ratio Lower Upper

73 100

43 22.2 17.7 26.5

57 30.0 19.5 29.3#



#19

1,1-Dichloroethane

Concen: 0.448 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.007 min

Lab File: VV033613.D

Acq: 12 Jan 2024 22:41

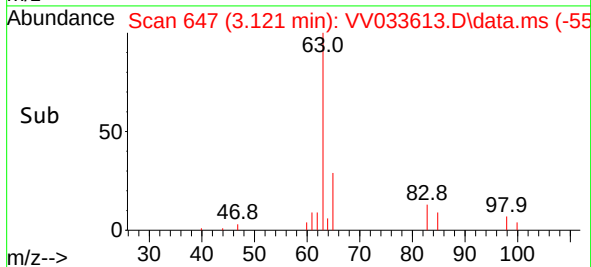
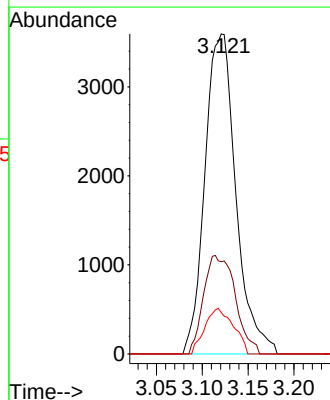
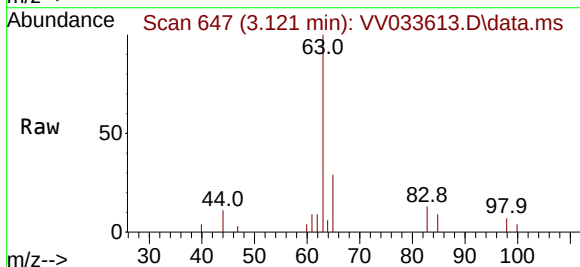
Tgt Ion: 63 Resp: 8436

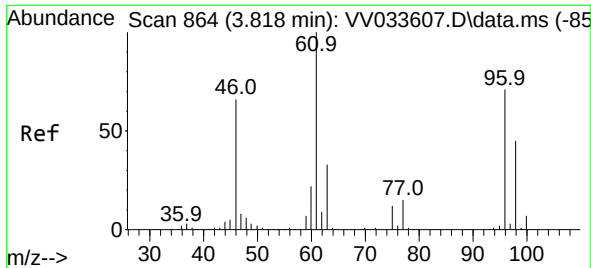
Ion Ratio Lower Upper

63 100

65 28.9 21.6 40.2

83 13.0 9.1 16.9

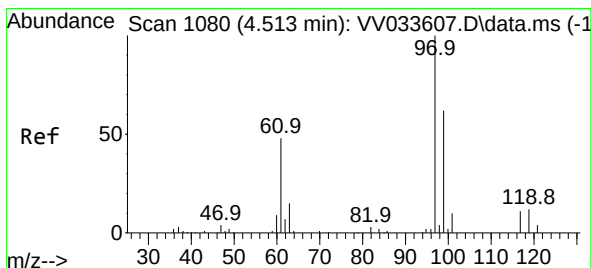
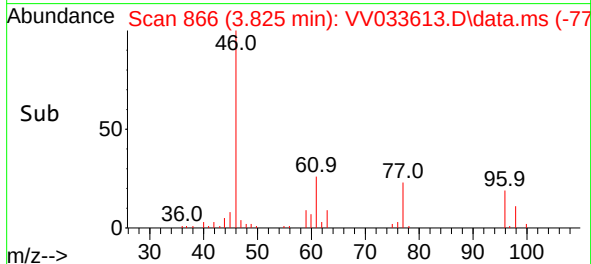
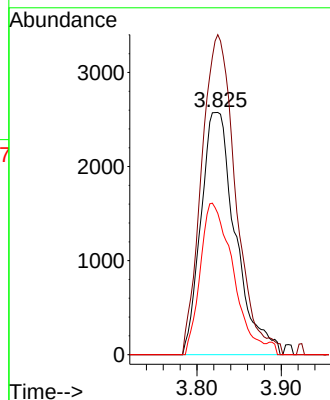
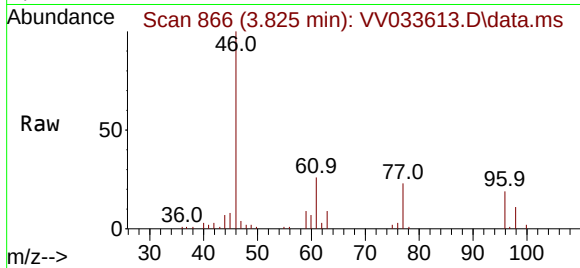




#22
 cis-1,2-Dichloroethene
 Concen: 0.737 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.007 min
 Lab File: VV033613.D
 Acq: 12 Jan 2024 22:41

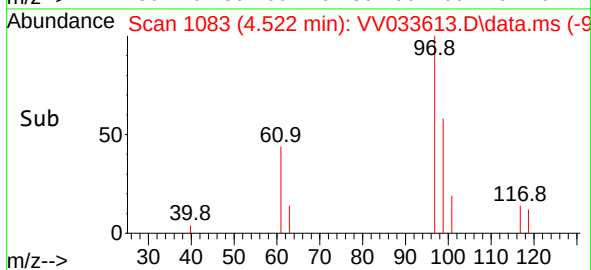
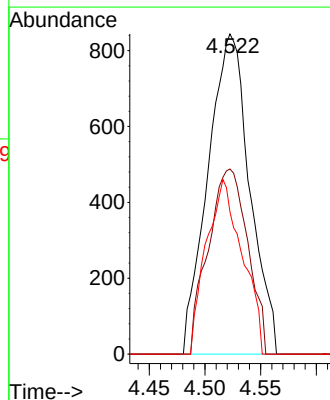
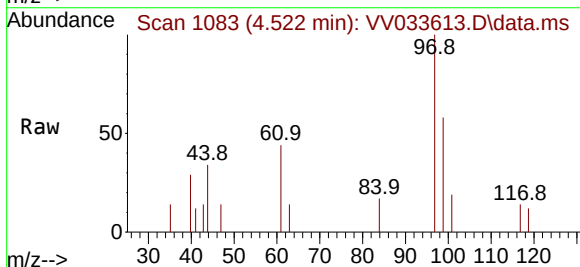
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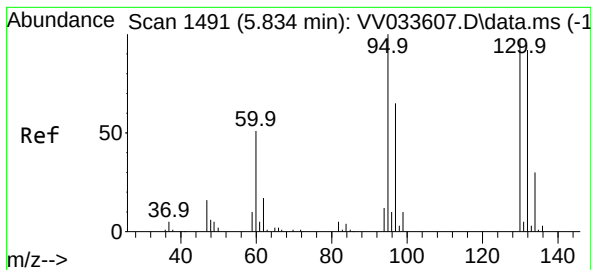
Tgt Ion: 96 Resp: 7321
 Ion Ratio Lower Upper
 96 100
 61 132.1 97.1 180.3
 98 58.3 42.6 79.0



#29
 1,1,1-Trichloroethane
 Concen: 0.140 ug/L
 RT: 4.522 min Scan# 1083
 Delta R.T. 0.010 min
 Lab File: VV033613.D
 Acq: 12 Jan 2024 22:41

Tgt Ion: 97 Resp: 2200
 Ion Ratio Lower Upper
 97 100
 99 54.8 50.8 76.2
 61 46.9 38.1 57.1





#34

Trichloroethene

Concen: 4.002 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV033613.D

Acq: 12 Jan 2024 22:41

Instrument :

MSVOA_V

ClientSampleId :

BH276

Tgt Ion: 95 Resp: 41925

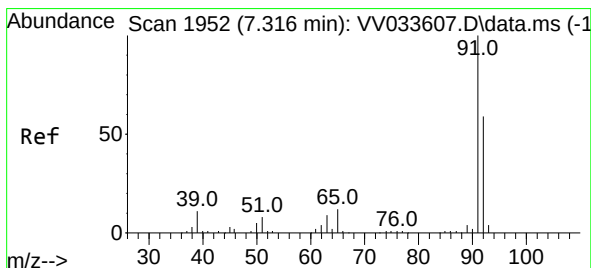
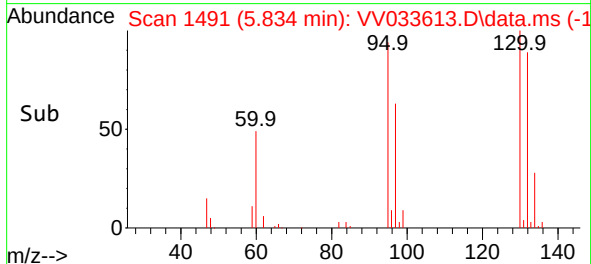
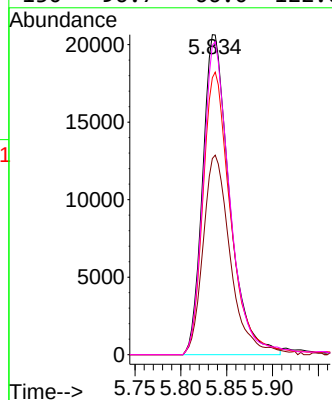
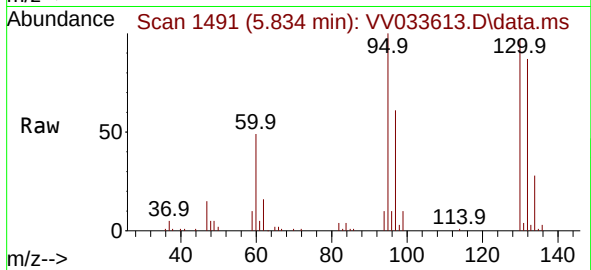
Ion Ratio Lower Upper

95 100

97 61.3 45.1 83.9

132 86.6 65.2 121.2

130 96.7 66.0 122.6



#42

Toluene

Concen: 1.227 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV033613.D

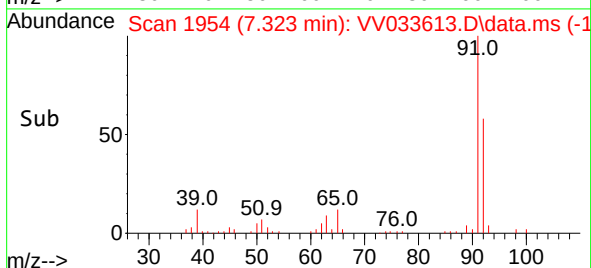
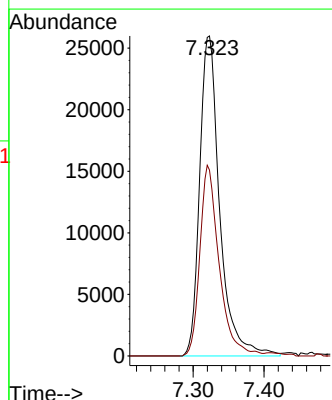
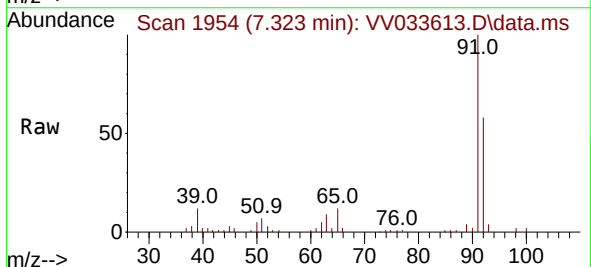
Acq: 12 Jan 2024 22:41

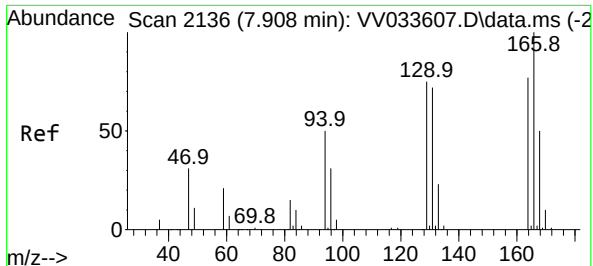
Tgt Ion: 91 Resp: 51090

Ion Ratio Lower Upper

91 100

92 58.1 40.5 75.3





#47

Tetrachloroethene

Concen: 1.069 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV033613.D

Acq: 12 Jan 2024 22:41

Instrument :

MSVOA_V

ClientSampleId :

BH276

Tgt Ion:164 Resp: 8045

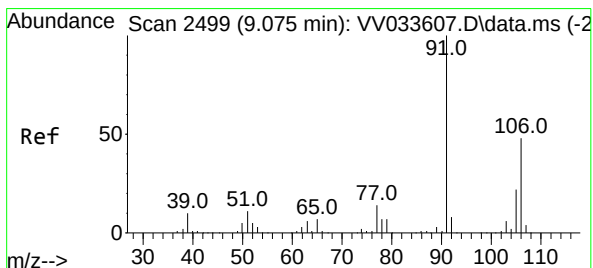
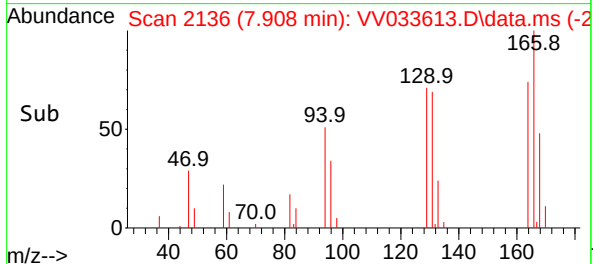
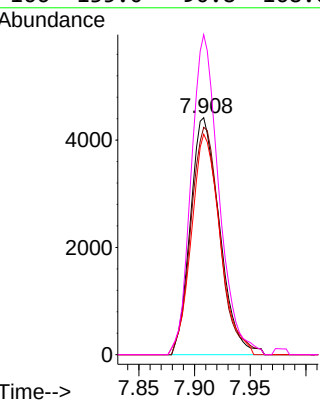
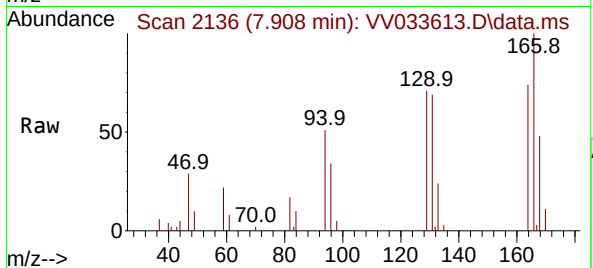
Ion Ratio Lower Upper

164 100

129 96.0 67.1 124.7

131 93.1 65.0 120.6

166 135.0 90.8 168.6



#53

m,p-Xylene

Concen: 0.100 ug/L

RT: 9.085 min Scan# 2502

Delta R.T. 0.010 min

Lab File: VV033613.D

Acq: 12 Jan 2024 22:41

Tgt Ion:106 Resp: 1772

Ion Ratio Lower Upper

106 100

91 193.5 146.2 271.4

