

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011724\
 Data File : VW033719.D
 Acq On : 17 Jan 2024 14:55
 Operator : SY/MD
 Sample : P1062-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGWK0

Quant Time: Jan 18 00:06:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

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

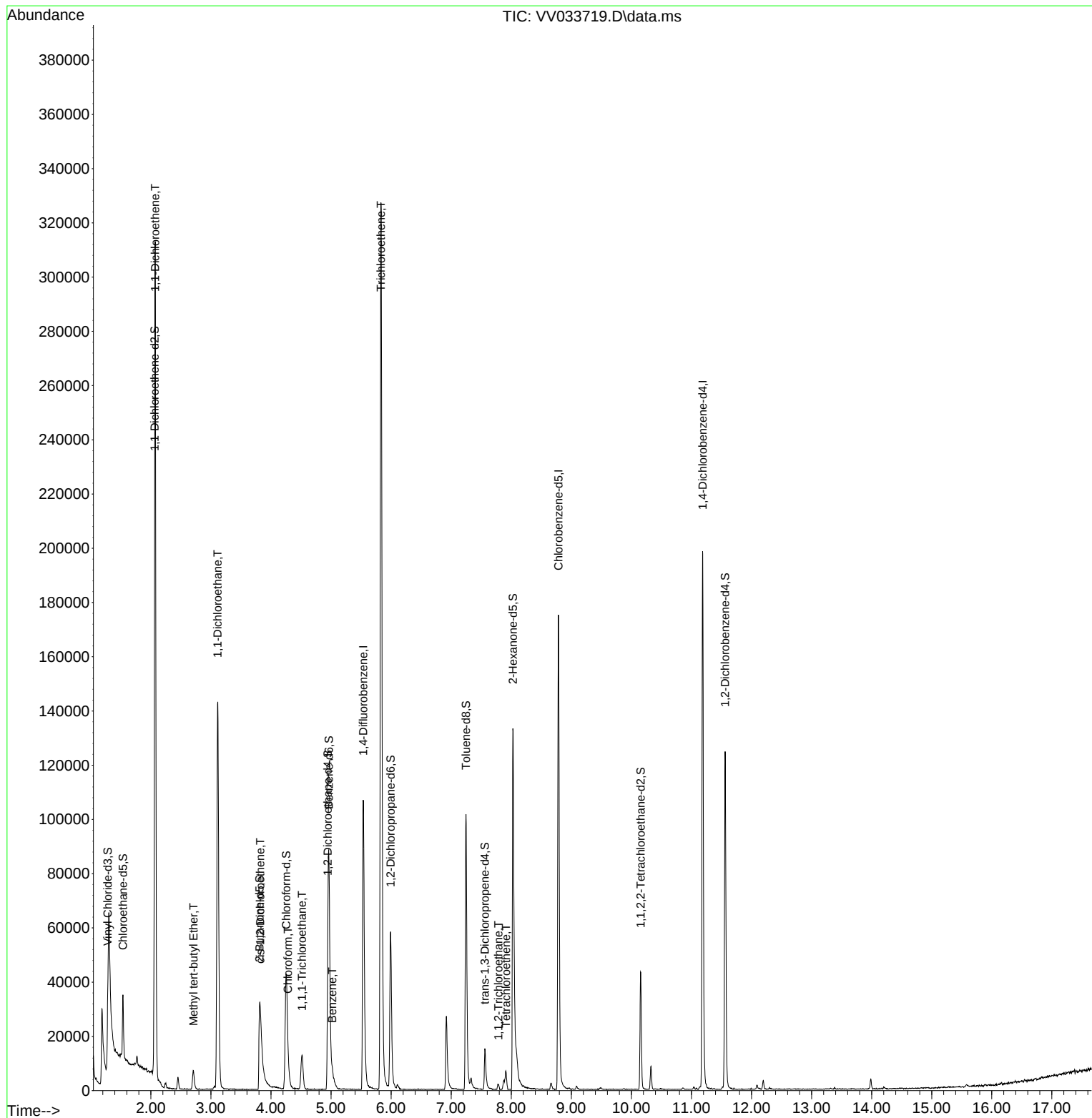
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	94127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	94897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	13059	2.537	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.800%
7) Chloroethane-d5	1.536	69	14205	3.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.200%#
11) 1,1-Dichloroethene-d2	2.063	65	6506	2.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	3.809	46	63353	50.341	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.680%
24) Chloroform-d	4.253	84	45668	4.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	4.947	65	24198	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.963	84	77516	3.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.800%#
36) 1,2-Dichloropropane-d6	5.992	67	27759	3.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.800%
41) Toluene-d8	7.246	98	68095	3.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.561	79	10206	3.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.027	63	49382	47.658	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.320%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	21275	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	31357	3.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.073	96	80999	12.208	ug/L	# 83
17) Methyl tert-butyl Ether	2.709	73	6361	0.423	ug/L	96
19) 1,1-Dichloroethane	3.114	63	149531	10.041	ug/L	99
22) cis-1,2-Dichloroethene	3.822	96	3171	0.404	ug/L	94
25) Chloroform	4.281	83	6520	0.477	ug/L	90
29) 1,1,1-Trichloroethane	4.516	97	10881	0.809	ug/L	99
33) Benzene	5.021	78	6197	0.184	ug/L	100
34) Trichloroethene	5.831	95	117517	13.102	ug/L	97
45) 1,1,2-Trichloroethane	7.786	97	737	0.159	ug/L	88
47) Tetrachloroethene	7.915	164	1663	0.258	ug/L	84

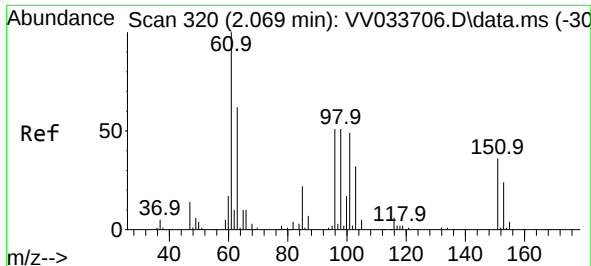
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011724\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 00:02:20 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 12.208 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

Instrument :

MSVOA_V

ClientSampleId :

BGWK0

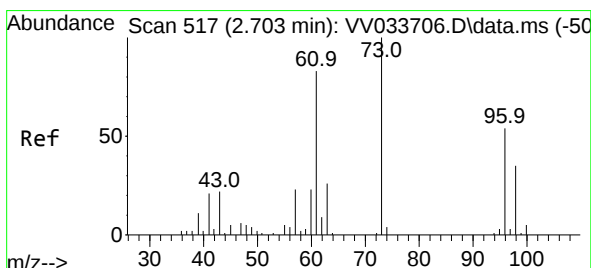
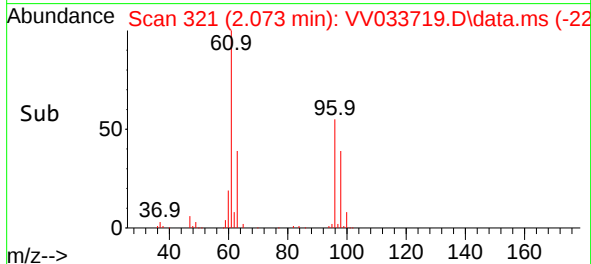
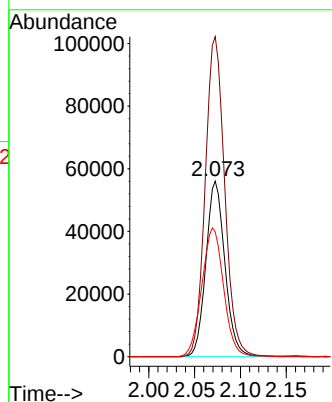
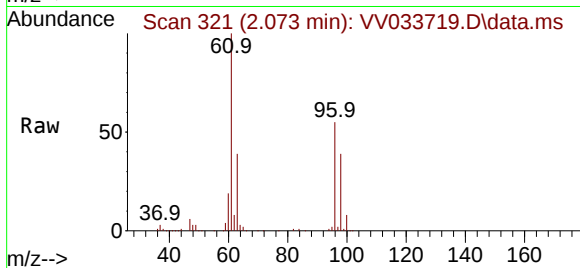
Tgt Ion: 96 Resp: 80999

Ion Ratio Lower Upper

96 100

61 182.3 133.8 248.4

63 71.1 77.2 143.4#



#17

Methyl tert-butyl Ether

Concen: 0.423 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.006 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

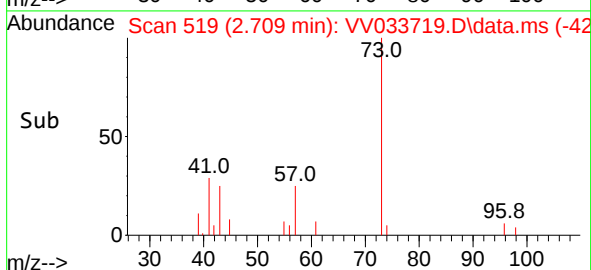
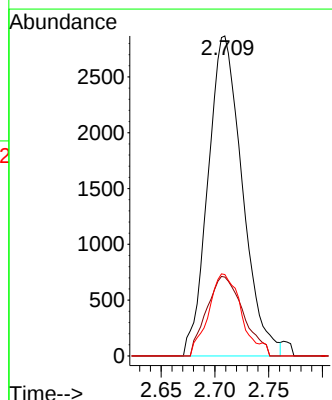
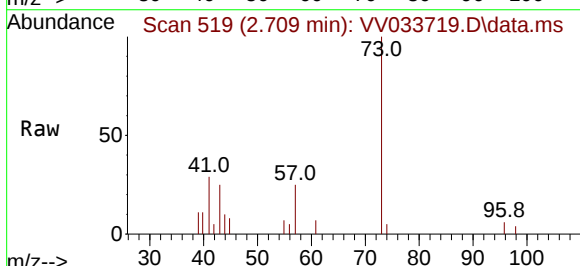
Tgt Ion: 73 Resp: 6361

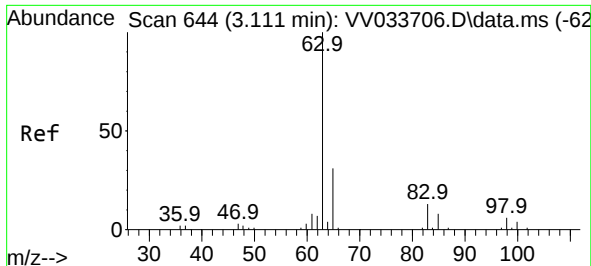
Ion Ratio Lower Upper

73 100

43 26.4 17.7 26.5

57 24.6 19.5 29.3





#19

1,1-Dichloroethane

Concen: 10.041 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

Instrument :

MSVOA_V

ClientSampleId :

BGWK0

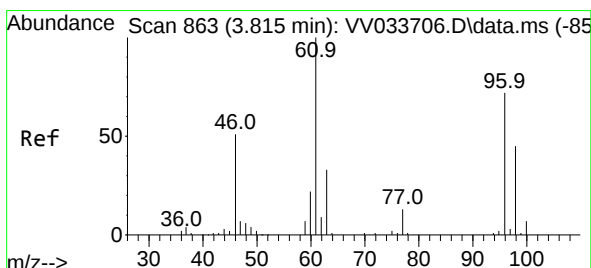
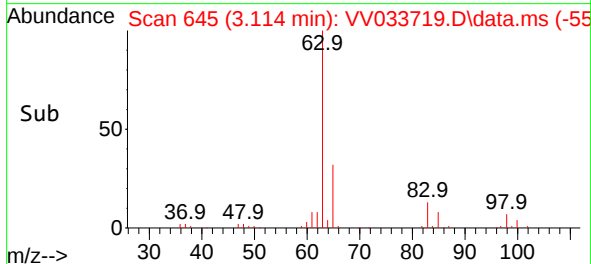
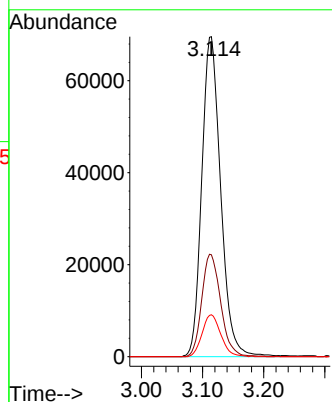
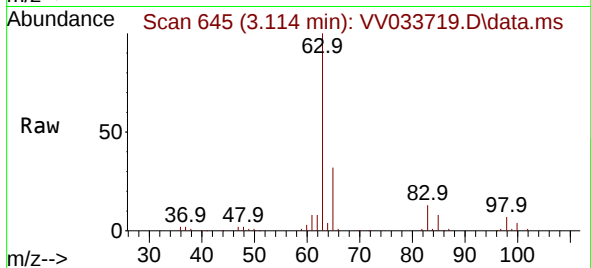
Tgt Ion: 63 Resp: 149531

Ion Ratio Lower Upper

63 100

65 31.8 21.6 40.2

83 13.1 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.404 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.006 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

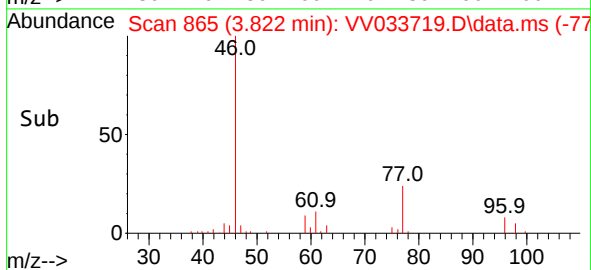
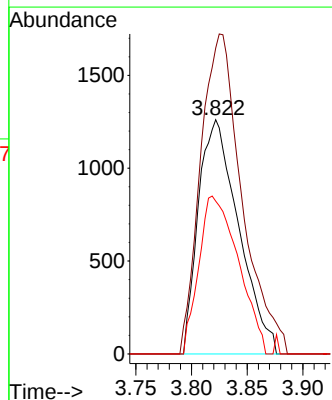
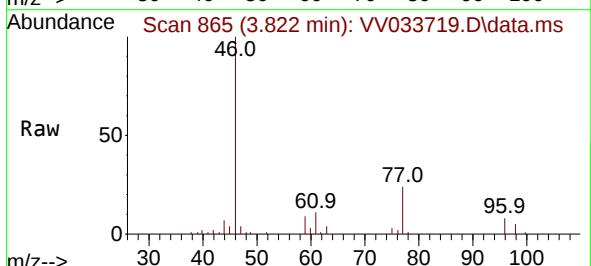
Tgt Ion: 96 Resp: 3171

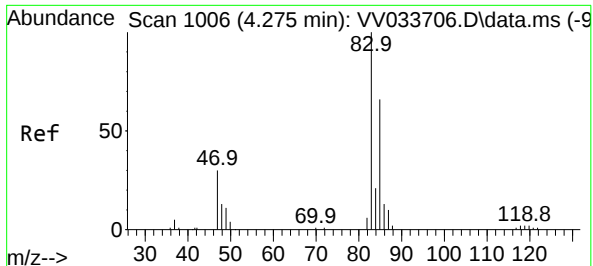
Ion Ratio Lower Upper

96 100

61 130.6 97.1 180.3

98 65.3 42.6 79.0





#25

Chloroform

Concen: 0.477 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

Instrument :

MSVOA_V

ClientSampleId :

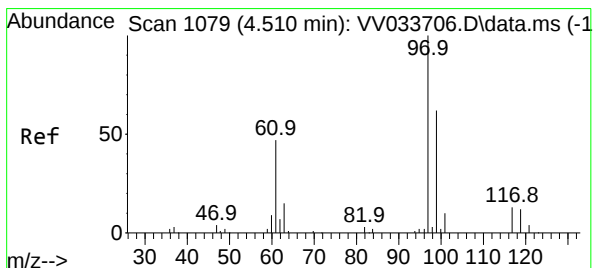
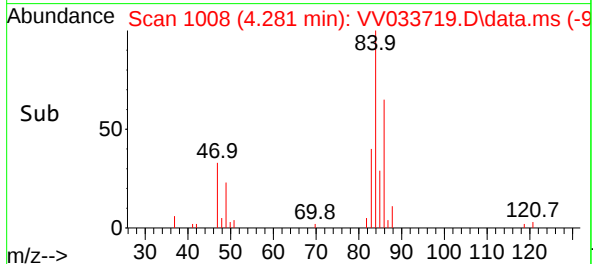
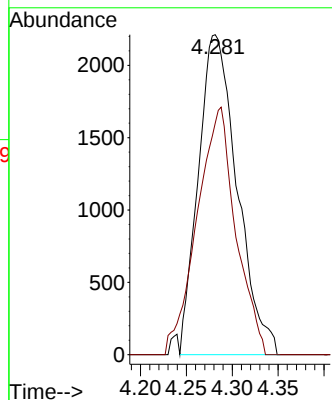
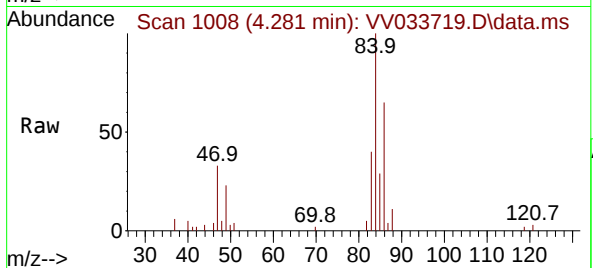
BGWK0

Tgt Ion: 83 Resp: 6520

Ion Ratio Lower Upper

83 100

85 72.3 45.1 83.9



#29

1,1,1-Trichloroethane

Concen: 0.809 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

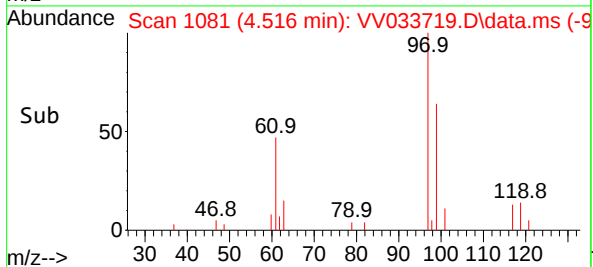
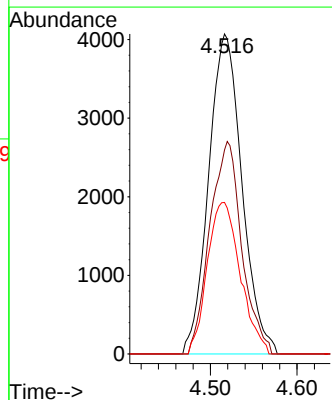
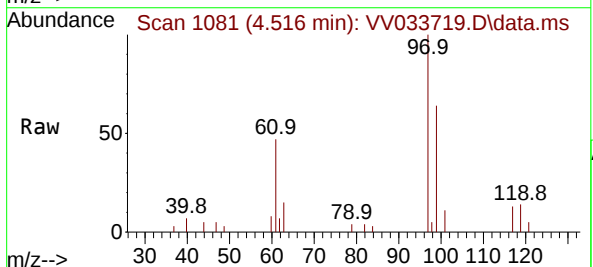
Tgt Ion: 97 Resp: 10881

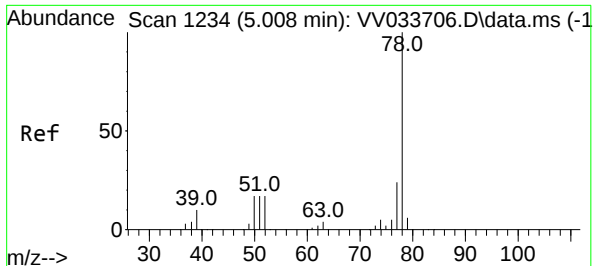
Ion Ratio Lower Upper

97 100

99 63.6 50.8 76.2

61 46.9 38.1 57.1





#33

Benzene

Concen: 0.184 ug/L

RT: 5.021 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

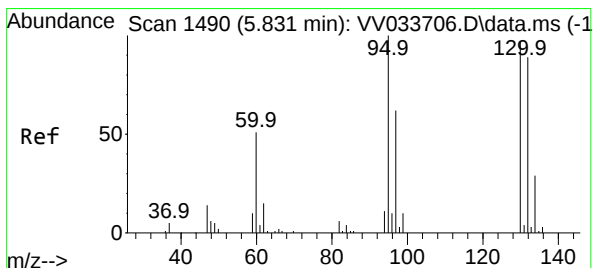
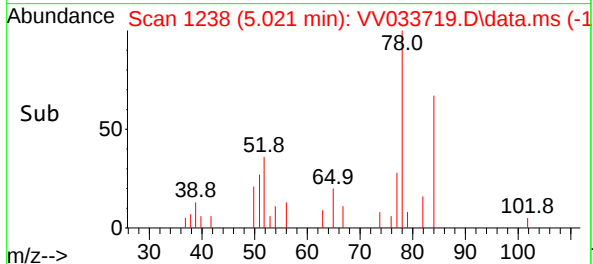
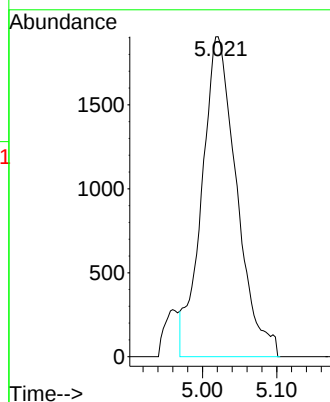
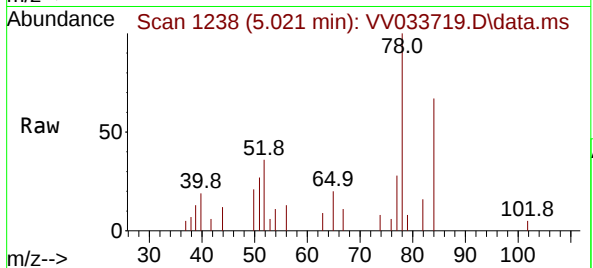
Instrument :

MSVOA_V

ClientSampleId :

BGWK0

Tgt Ion: 78 Resp: 6197



#34

Trichloroethene

Concen: 13.102 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

Tgt Ion: 95 Resp: 117517

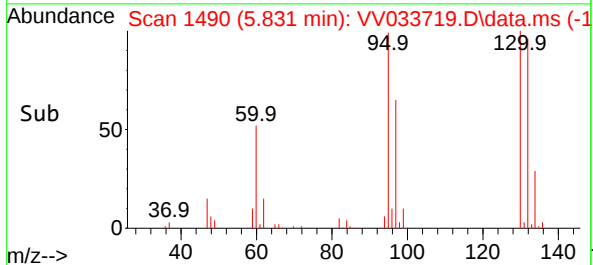
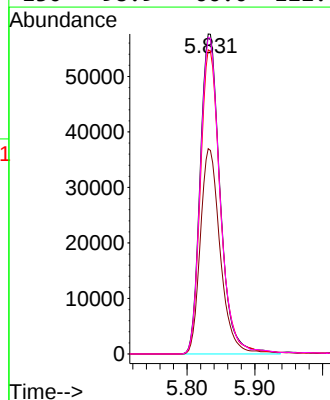
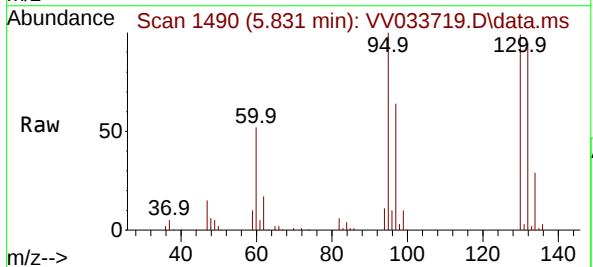
Ion Ratio Lower Upper

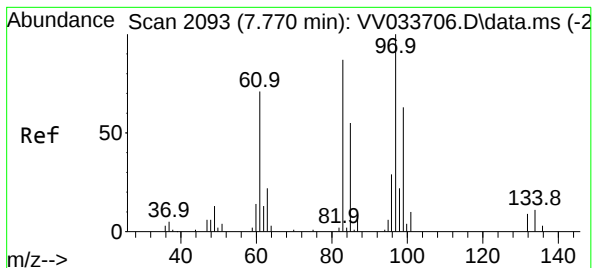
95 100

97 64.1 45.1 83.9

132 95.0 65.2 121.2

130 98.9 66.0 122.6





#45

1,1,2-Trichloroethane

Concen: 0.159 ug/L

RT: 7.786 min Scan# 2093

Delta R.T. 0.016 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

Instrument :

MSVOA_V

ClientSampleId :

BGWK0

Tgt Ion: 97 Resp: 737

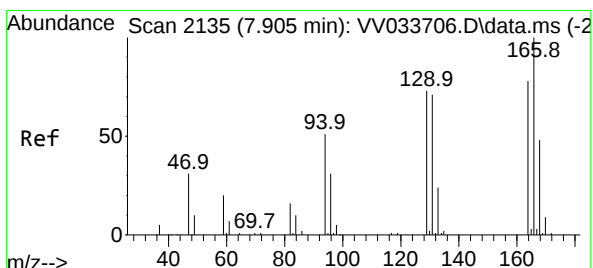
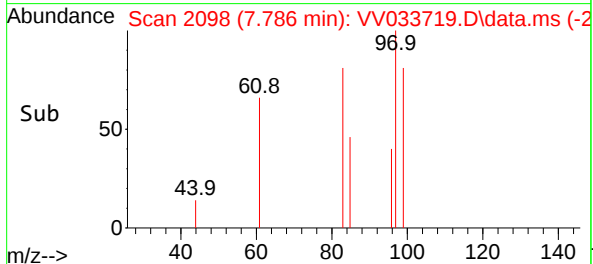
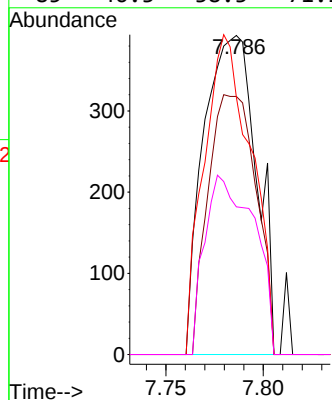
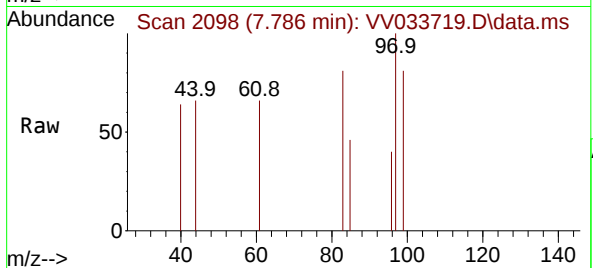
Ion Ratio Lower Upper

97 100

99 80.9 44.9 83.3

83 80.7 60.5 112.3

85 46.3 38.3 71.1



#47

Tetrachloroethene

Concen: 0.258 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.010 min

Lab File: VV033719.D

Acq: 17 Jan 2024 14:55

Tgt Ion: 164 Resp: 1663

Ion Ratio Lower Upper

164 100

129 81.7 67.1 124.7

131 78.7 65.0 120.6

166 109.1 90.8 168.6

