

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011724\
 Data File : VW033709.D
 Acq On : 17 Jan 2024 11:00
 Operator : SY/MD
 Sample : P1062-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGWK0

Quant Time: Jan 18 00:21:35 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)

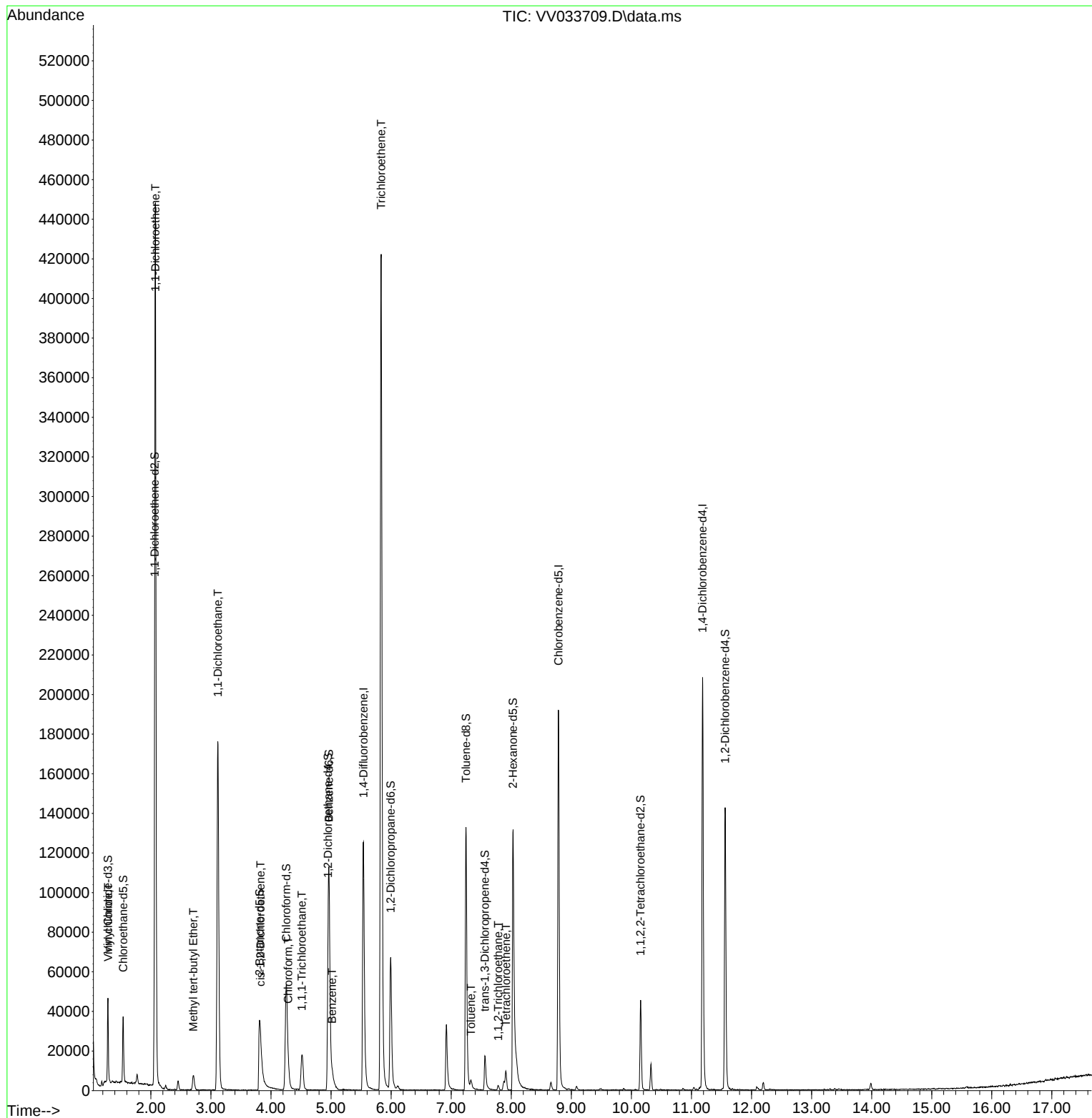
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	110346	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	101106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	52476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	20141	3.338	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.800%	
7) Chloroethane-d5	1.539	69	20356	3.804	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.000%	
11) 1,1-Dichloroethene-d2	2.063	65	10211	3.755	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	3.809	46	65538	44.423	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.840%	
24) Chloroform-d	4.252	84	55934	4.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	4.950	65	27377	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	4.963	84	100715	4.128	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
36) 1,2-Dichloropropane-d6	5.992	67	33515	4.121	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.246	98	90375	4.150	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.000%	
43) trans-1,3-Dichloroprop...	7.561	79	12123	4.311	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.027	63	49172	44.541	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.080%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	22583	4.752	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	36853	4.574	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	6689	0.583	ug/L #	80
12) 1,1-Dichloroethene	2.076	96	119391	15.349	ug/L #	85
17) Methyl tert-butyl Ether	2.706	73	7095	0.403	ug/L	96
19) 1,1-Dichloroethane	3.114	63	180402	10.333	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	3794	0.412	ug/L	97
25) Chloroform	4.284	83	7882	0.492	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	15691	1.095	ug/L	99
33) Benzene	5.018	78	7414	0.207	ug/L	100
34) Trichloroethene	5.834	95	149280	15.622	ug/L	98
42) Toluene	7.329	91	3978	0.105	ug/L	99
45) 1,1,2-Trichloroethane	7.783	97	951	0.192	ug/L	86
47) Tetrachloroethene	7.911	164	2315	0.337	ug/L	97

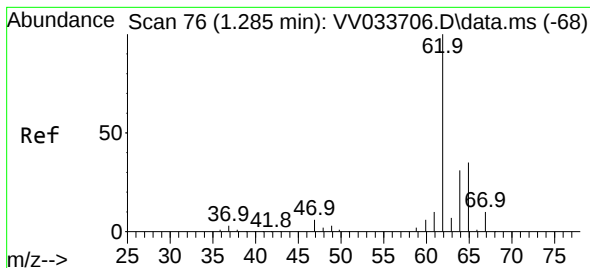
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.583 ug/L

RT: 1.288 min Scan# 71

Delta R.T. 0.003 min

Lab File: VV033709.D

Acq: 17 Jan 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

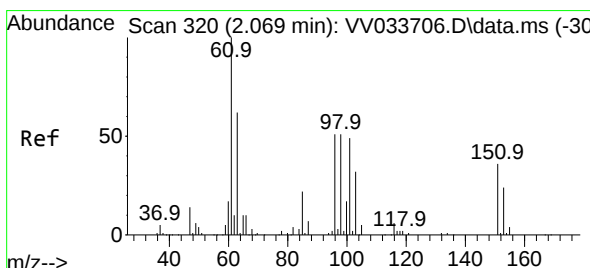
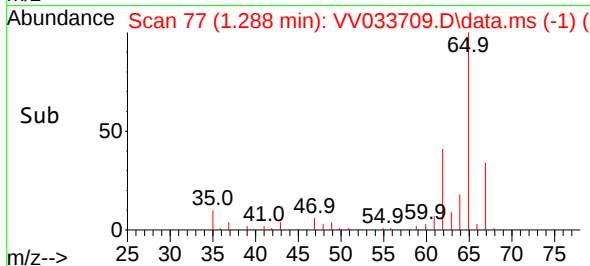
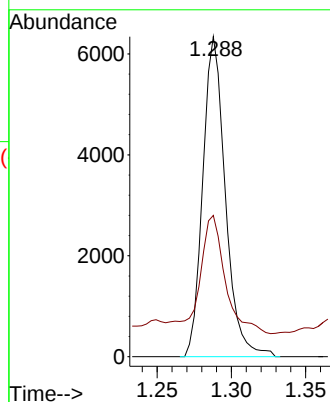
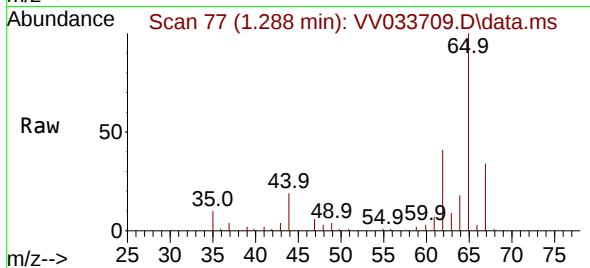
BGWK0

Tgt Ion: 62 Resp: 6689

Ion Ratio Lower Upper

62 100

64 44.1 23.0 42.8#



#12

1,1-Dichloroethene

Concen: 15.349 ug/L

RT: 2.076 min Scan# 322

Delta R.T. 0.006 min

Lab File: VV033709.D

Acq: 17 Jan 2024 11:00

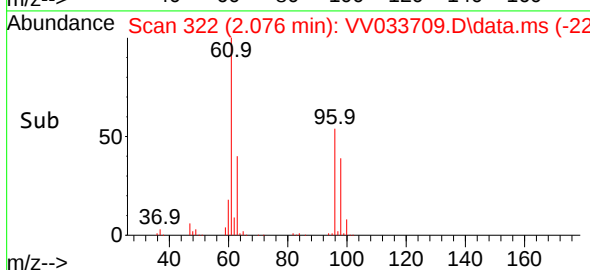
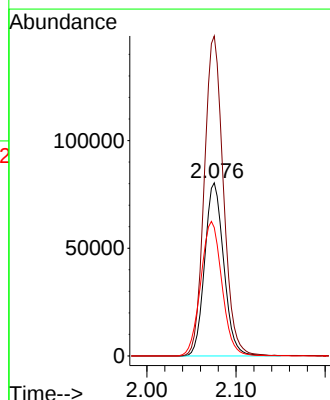
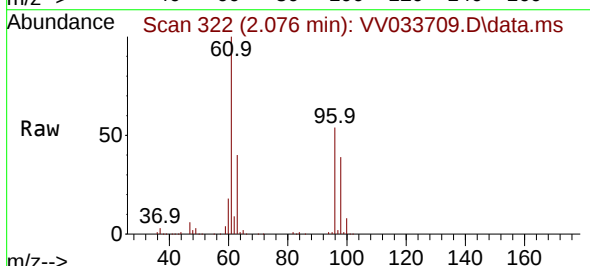
Tgt Ion: 96 Resp: 119391

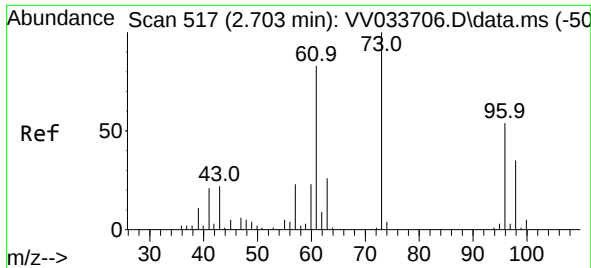
Ion Ratio Lower Upper

96 100

61 184.9 133.8 248.4

63 74.1 77.2 143.4#

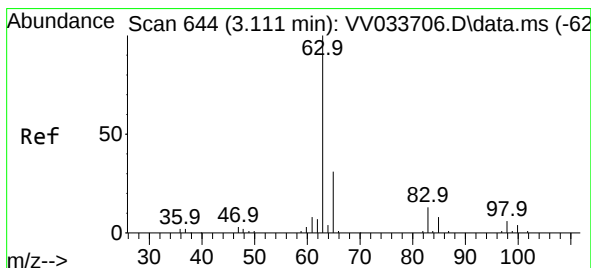
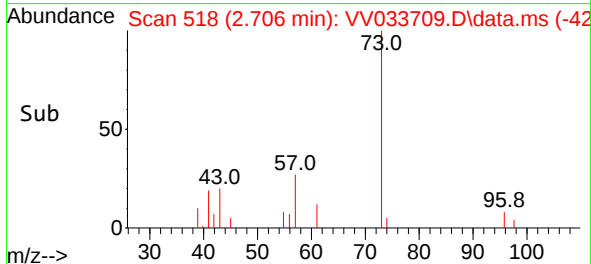
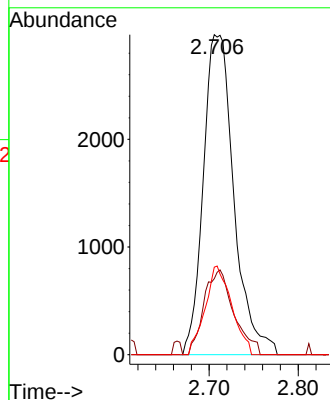
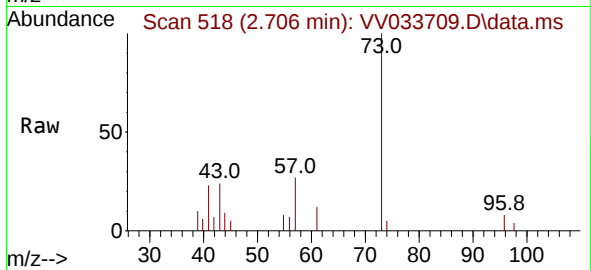




#17
Methyl tert-butyl Ether
Concen: 0.403 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033709.D
Acq: 17 Jan 2024 11:00

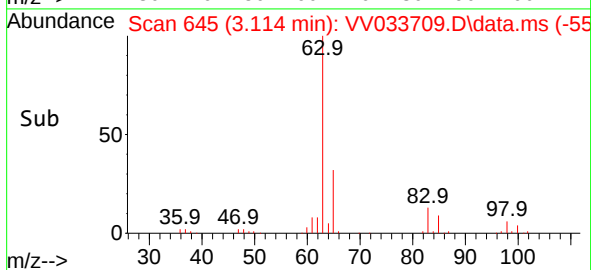
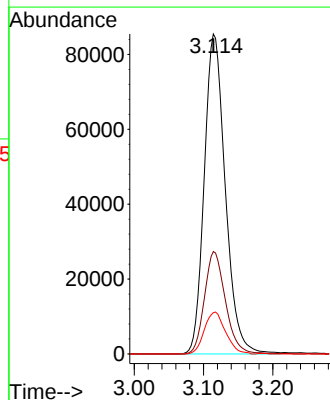
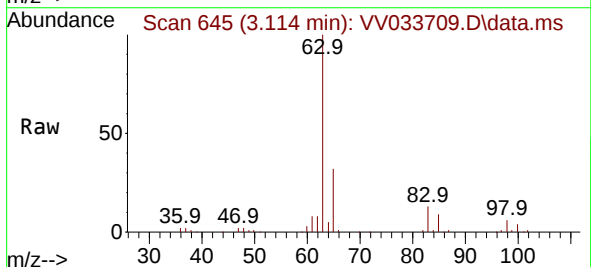
Instrument :
MSVOA_V
ClientSampleId :
BGWK0

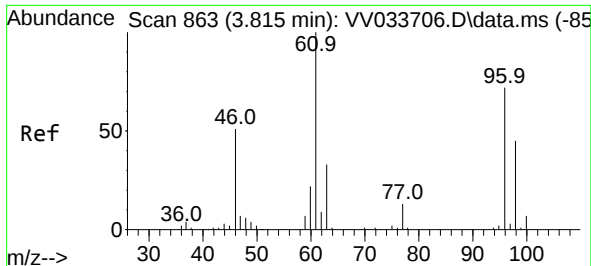
Tgt Ion: 73	Resp: 7095
Ion Ratio	Lower Upper
73 100	
43 25.9	17.7 26.5
57 24.1	19.5 29.3



#19
1,1-Dichloroethane
Concen: 10.333 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV033709.D
Acq: 17 Jan 2024 11:00

Tgt Ion: 63	Resp: 180402
Ion Ratio	Lower Upper
63 100	
65 32.0	21.6 40.2
83 12.9	9.1 16.9





#22

cis-1,2-Dichloroethene

Concen: 0.412 ug/L

RT: 3.825 min Scan# 80

Delta R.T. 0.009 min

Lab File: VV033709.D

Acq: 17 Jan 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

BGWK0

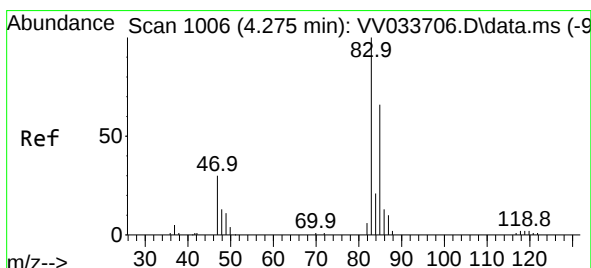
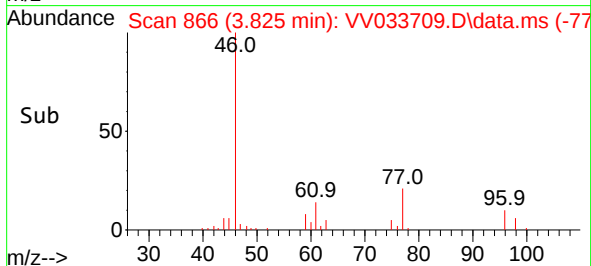
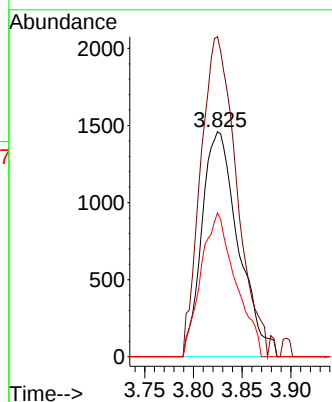
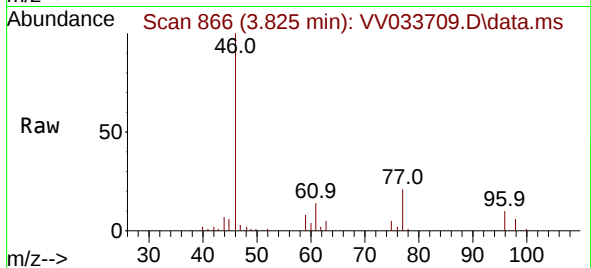
Tgt Ion: 96 Resp: 3794

Ion Ratio Lower Upper

96 100

61 142.2 97.1 180.3

98 63.9 42.6 79.0



#25

Chloroform

Concen: 0.492 ug/L

RT: 4.284 min Scan# 1009

Delta R.T. 0.009 min

Lab File: VV033709.D

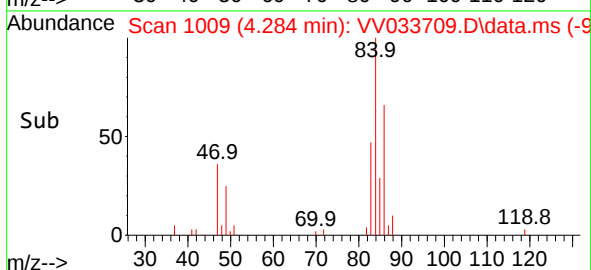
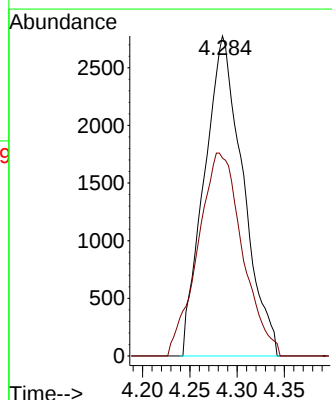
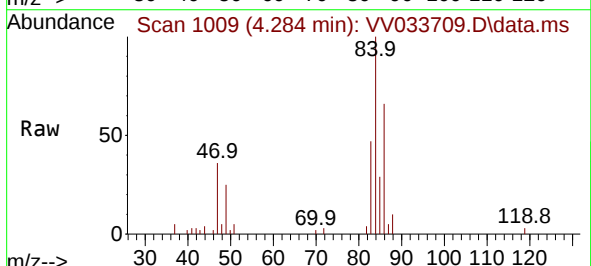
Acq: 17 Jan 2024 11:00

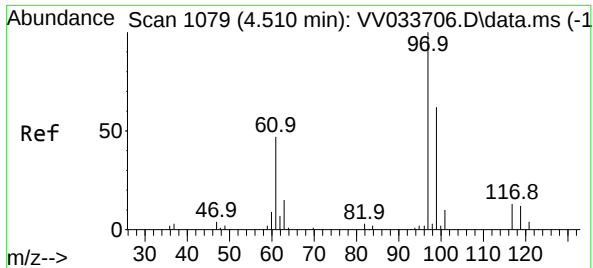
Tgt Ion: 83 Resp: 7882

Ion Ratio Lower Upper

83 100

85 61.9 45.1 83.9





#29

1,1,1-Trichloroethane

Concen: 1.095 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033709.D

Acq: 17 Jan 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

BGWK0

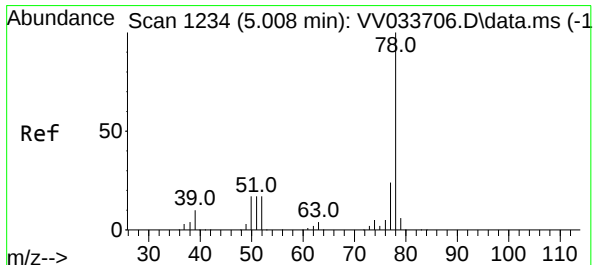
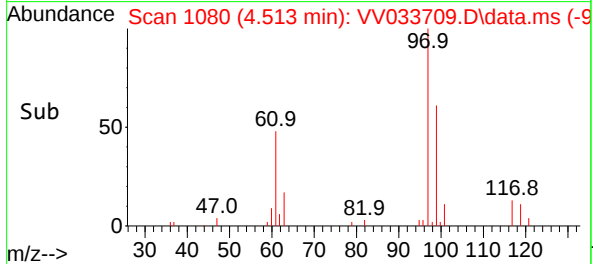
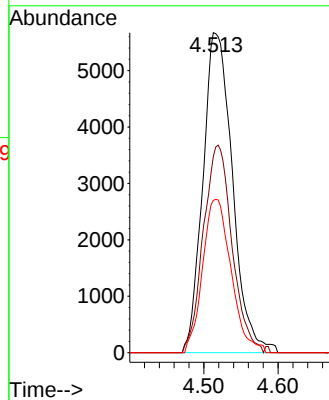
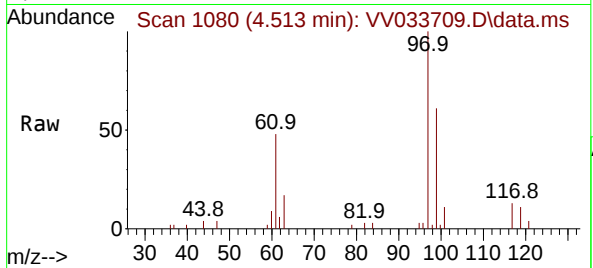
Tgt Ion: 97 Resp: 15691

Ion Ratio Lower Upper

97 100

99 63.0 50.8 76.2

61 46.2 38.1 57.1



#33

Benzene

Concen: 0.207 ug/L

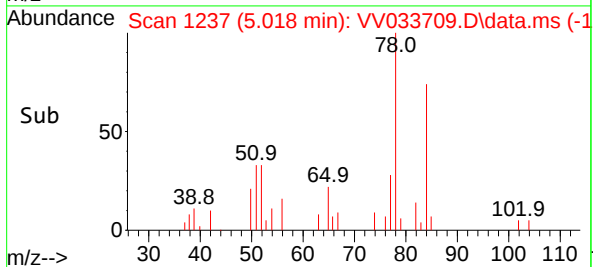
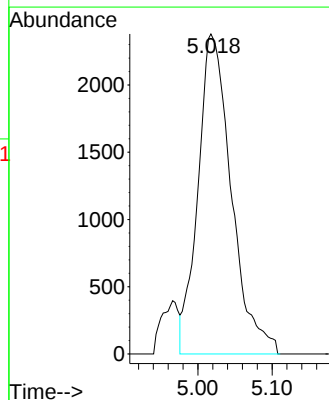
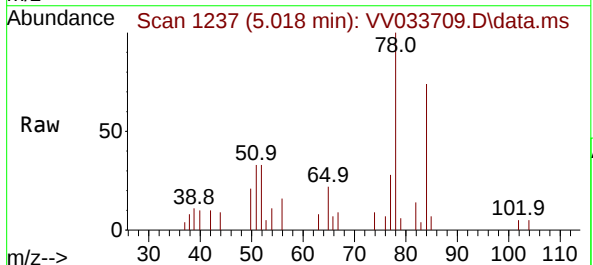
RT: 5.018 min Scan# 1237

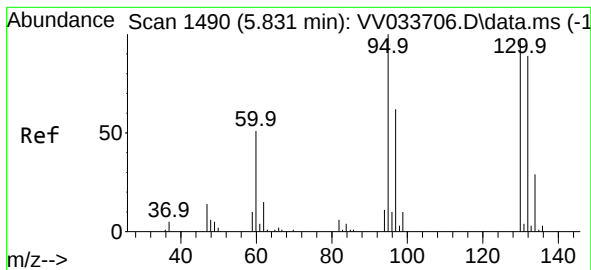
Delta R.T. 0.009 min

Lab File: VV033709.D

Acq: 17 Jan 2024 11:00

Tgt Ion: 78 Resp: 7414





#34

Trichloroethene

Concen: 15.622 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV033709.D

Acq: 17 Jan 2024 11:00

Instrument :

MSVOA_V

ClientSampleId :

BGWK0

Tgt Ion: 95 Resp: 149280

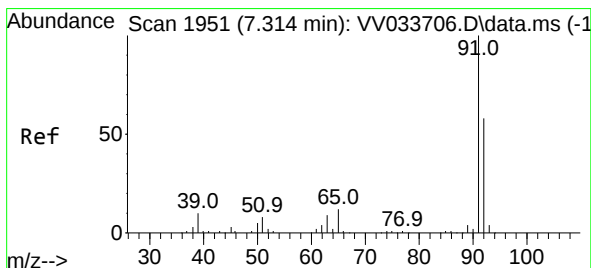
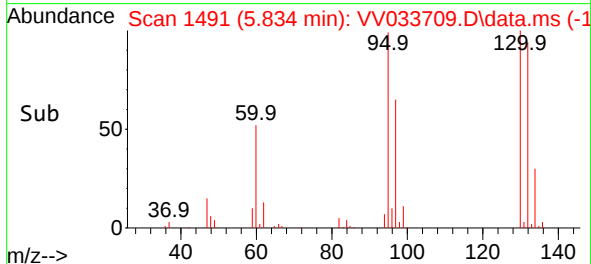
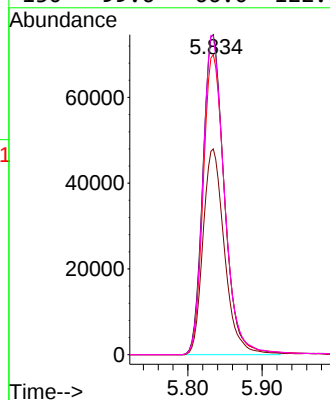
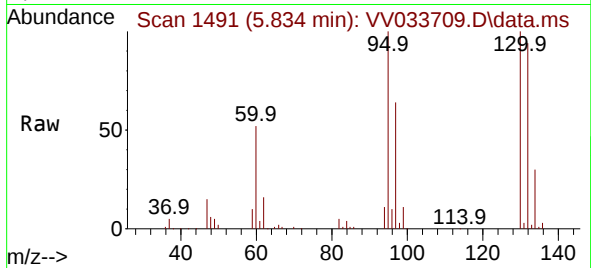
Ion Ratio Lower Upper

95 100

97 64.3 45.1 83.9

132 93.8 65.2 121.2

130 99.6 66.0 122.6



#42

Toluene

Concen: 0.105 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.016 min

Lab File: VV033709.D

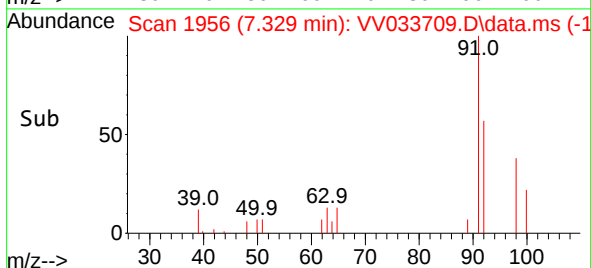
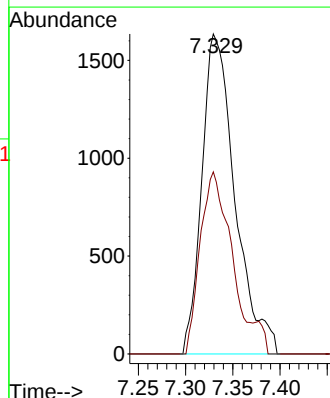
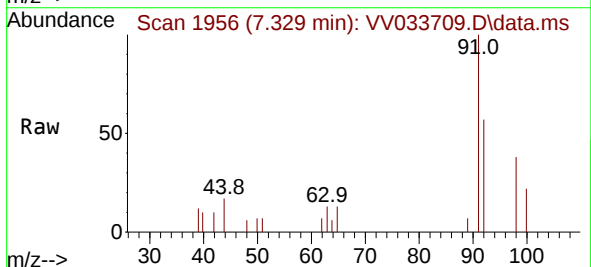
Acq: 17 Jan 2024 11:00

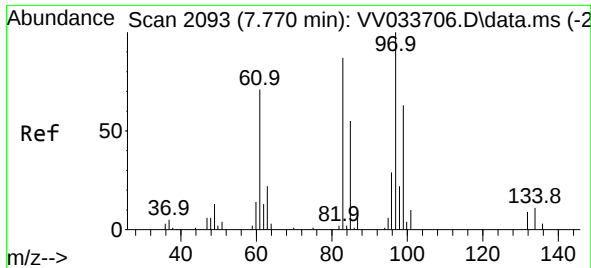
Tgt Ion: 91 Resp: 3978

Ion Ratio Lower Upper

91 100

92 56.9 40.5 75.3

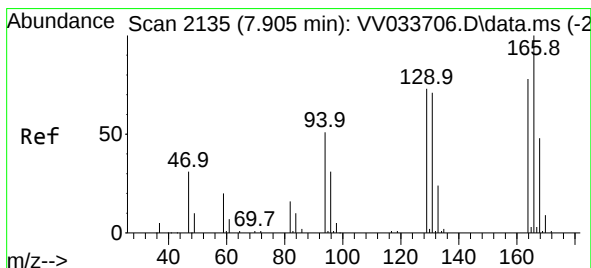
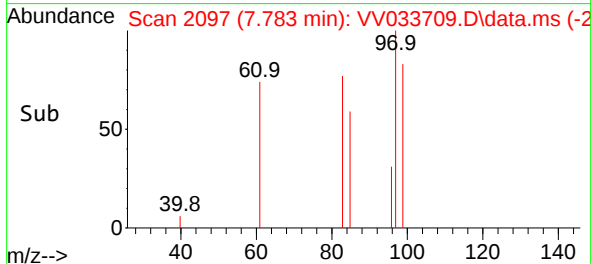
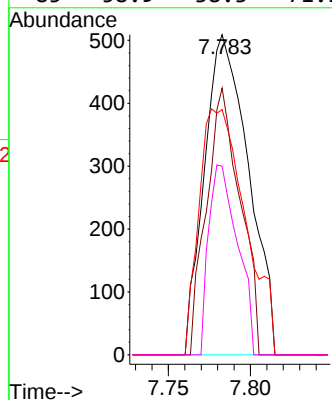
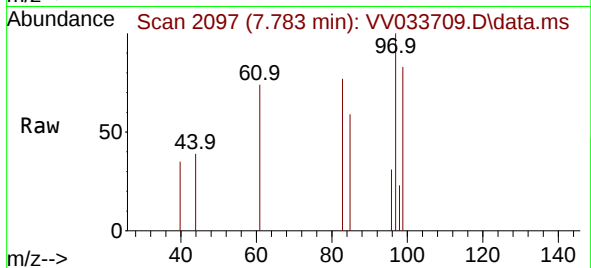




#45
1,1,2-Trichloroethane
Concen: 0.192 ug/L
RT: 7.783 min Scan# 2093
Delta R.T. 0.013 min
Lab File: VV033709.D
Acq: 17 Jan 2024 11:00

Instrument :
MSVOA_V
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Tgt Ion: 97	Resp: 951
Ion Ratio	Lower Upper
97 100	
99 83.3	44.9 83.3
83 76.6	60.5 112.3
85 58.9	38.3 71.1



#47
Tetrachloroethene
Concen: 0.337 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV033709.D
Acq: 17 Jan 2024 11:00

Tgt	Ion:164	Resp:	2315
Ion	Ratio	Lower	Upper
164	100		
129	94.4	67.1	124.7
131	99.8	65.0	120.6
166	130.6	90.8	168.6

