

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038070.D
 Acq On : 14 Nov 2024 01:35
 Operator : SY/MD
 Sample : P4804-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46T8

Quant Time: Nov 14 03:40:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

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

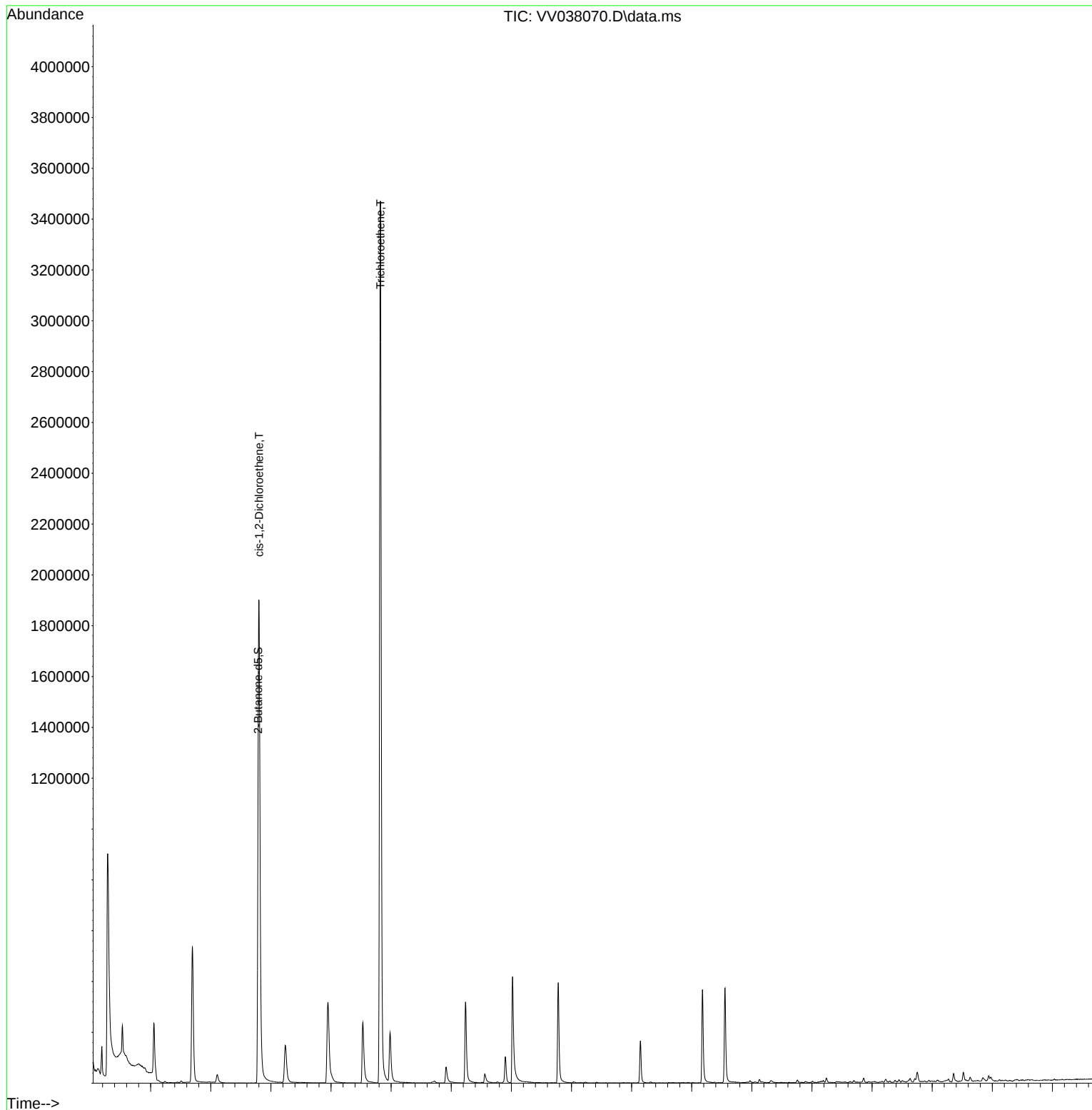
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	229940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	237574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	104629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84672	4.230	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.529	69	69043	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.053	65	32121	3.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.786	46	174434	37.926	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.860%
24) Chloroform-d	4.240	84	168599	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	4.937	65	82204	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.950	84	302256	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	5.982	67	100691	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.236	98	237451	3.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	7.558	79	28109	3.015	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.400%
46) 2-Hexanone-d5	8.021	63	168477	40.430	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.860%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84240	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	104944	4.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
5) Vinyl chloride	1.278	62	259836	11.130	ug/L #	1
12) 1,1-Dichloroethene	2.066	96	5099	0.292	ug/L #	1
17) Methyl tert-butyl Ether	2.696	73	437703	10.277	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	47076	2.489	ug/L	98
19) 1,1-Dichloroethane	3.108	63	30831	0.907	ug/L	97
22) cis-1,2-Dichloroethene	3.802	96	1076242	54.140	ug/L	97
33) Benzene	5.011	78	18466	0.244	ug/L	100
34) Trichloroethene	5.822	95	1244049	60.228	ug/L	99
47) Tetrachloroethene	7.902	164	24883	1.535	ug/L	96

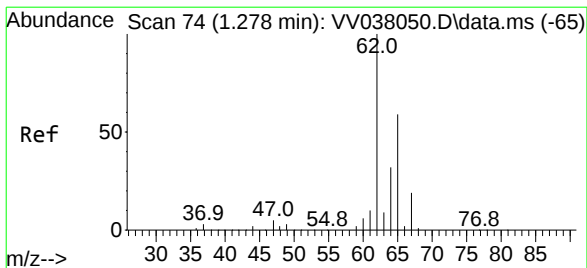
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
Data File : VV038070.D
Acq On : 14 Nov 2024 01:35
Operator : SY/MD
Sample : P4804-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46T8

Quant Time: Nov 14 03:40:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 13 00:39:48 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.130 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV038070.D

Acq: 14 Nov 2024 01:35

Instrument :

MSVOA_V

ClientSampleId :

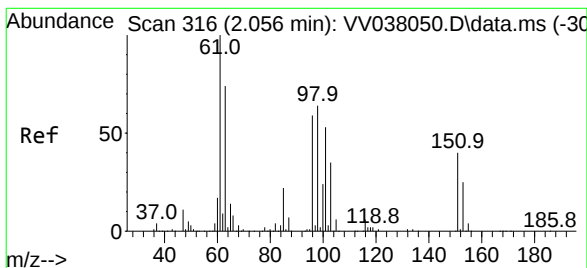
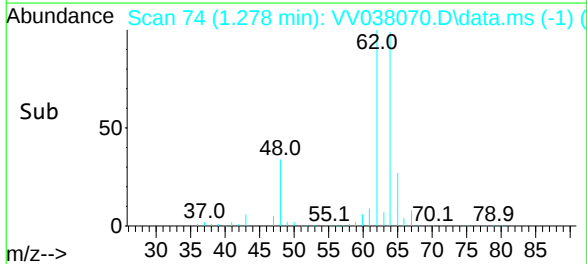
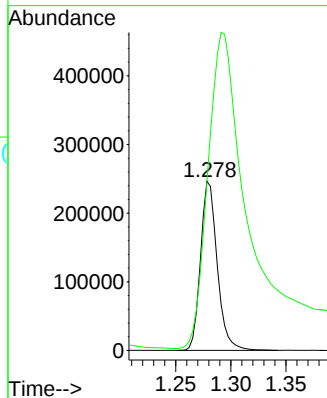
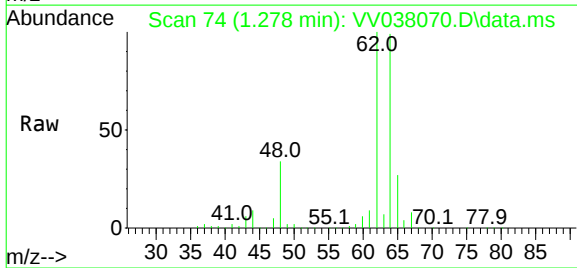
H46T8

Tgt Ion: 62 Resp: 259836

Ion Ratio Lower Upper

62 100

64 99.3 23.0 42.6#



#12

1,1-Dichloroethene

Concen: 0.292 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.006 min

Lab File: VV038070.D

Acq: 14 Nov 2024 01:35

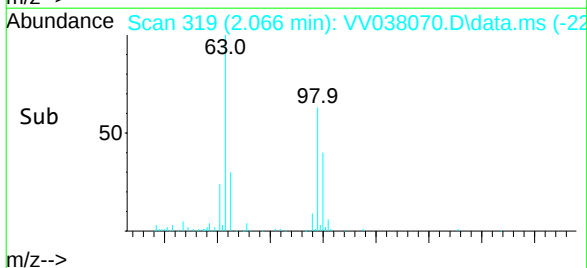
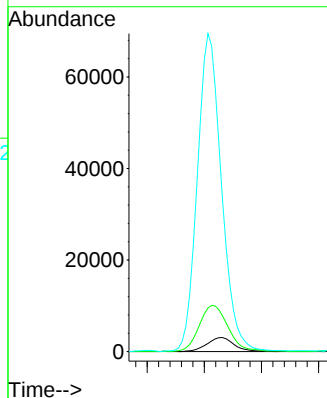
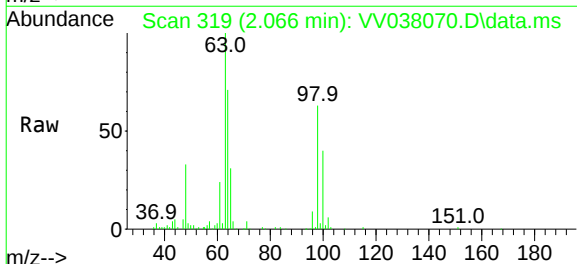
Tgt Ion: 96 Resp: 5099

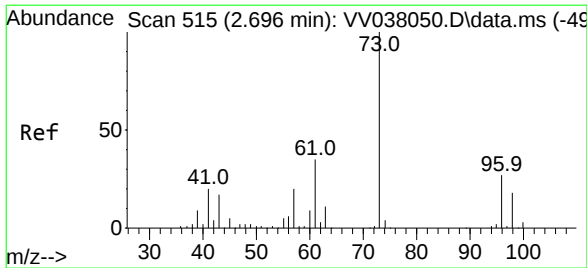
Ion Ratio Lower Upper

96 100

61 253.5 118.1 219.3#

63 1071.0 91.4 169.8#

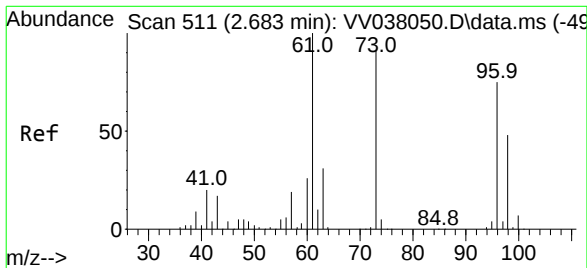
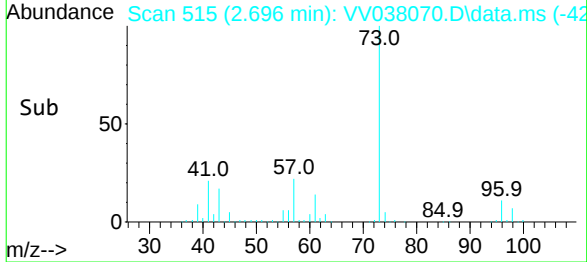
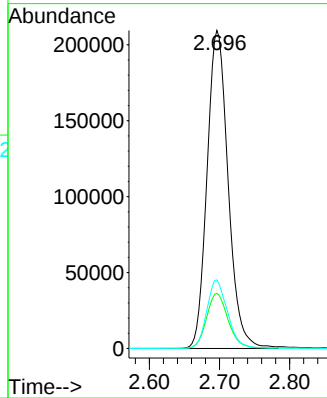
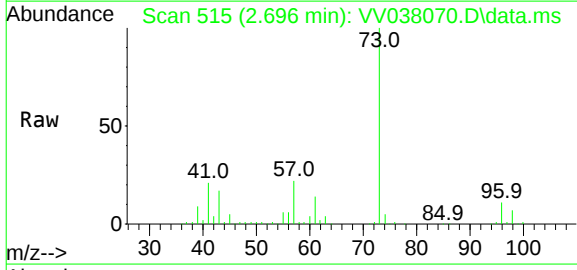




#17
Methyl tert-butyl Ether
Concen: 10.277 ug/L
RT: 2.696 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV038070.D
Acq: 14 Nov 2024 01:35

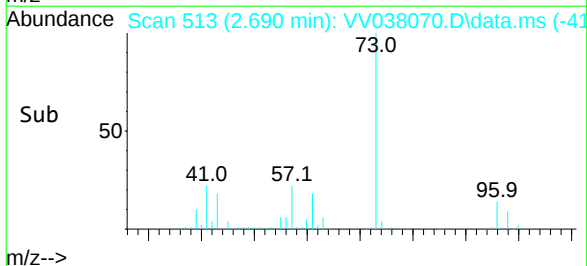
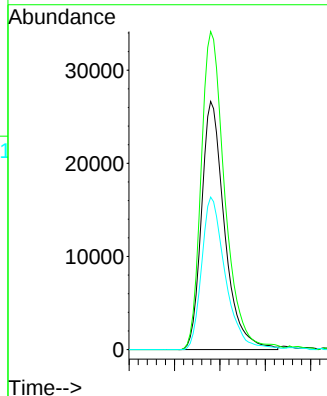
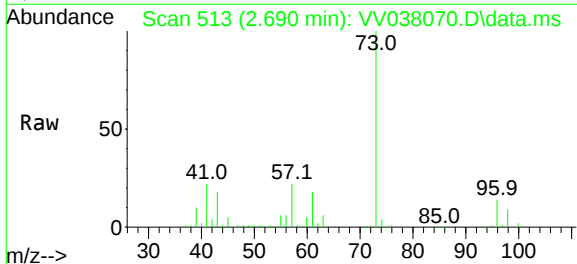
Instrument :
MSVOA_V
ClientSampleId :
H46T8

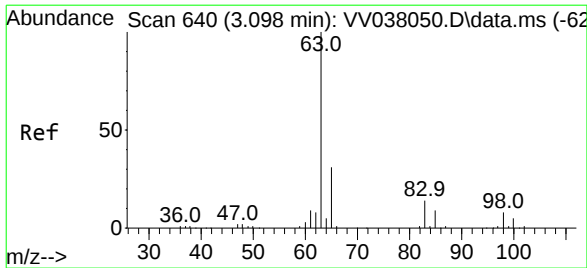
Tgt Ion: 73 Resp: 437703
Ion Ratio Lower Upper
73 100
43 17.5 14.1 21.1
57 21.0 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 2.489 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038070.D
Acq: 14 Nov 2024 01:35

Tgt Ion: 96 Resp: 47076
Ion Ratio Lower Upper
96 100
61 128.2 90.2 167.6
98 61.5 45.7 84.9

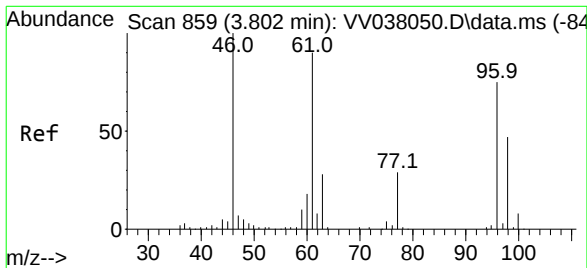
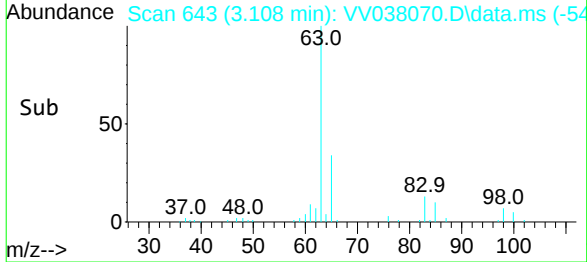
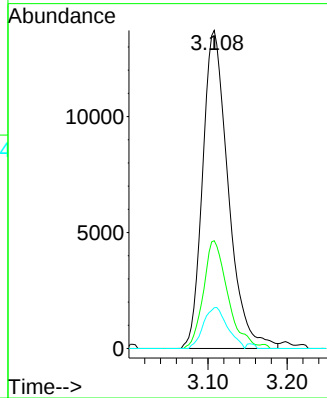
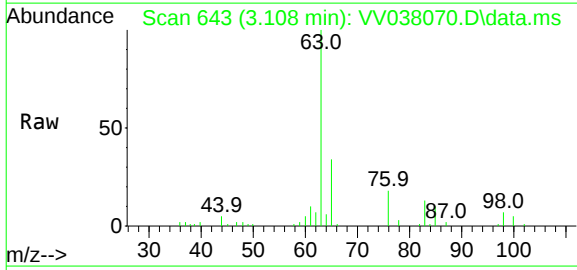




#19
1,1-Dichloroethane
Concen: 0.907 ug/L
RT: 3.108 min Scan# 640
Delta R.T. 0.006 min
Lab File: VV038070.D
Acq: 14 Nov 2024 01:35

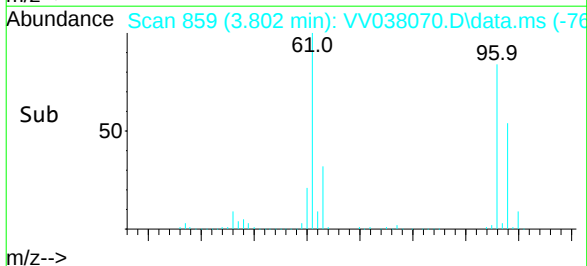
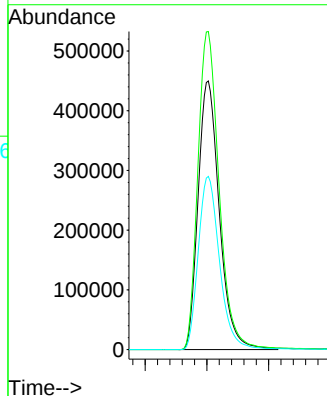
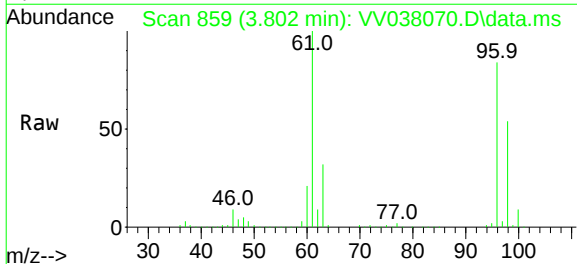
Instrument :
MSVOA_V
ClientSampleId :
H46T8

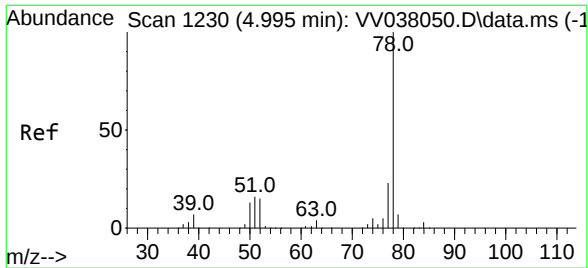
Tgt Ion:	63	Resp:	30831
Ion	Ratio	Lower	Upper
63	100		
65	33.9	22.0	40.8
83	12.8	9.2	17.2



#22
cis-1,2-Dichloroethene
Concen: 54.140 ug/L
RT: 3.802 min Scan# 859
Delta R.T. 0.000 min
Lab File: VV038070.D
Acq: 14 Nov 2024 01:35

Tgt Ion:	96	Resp:	1076242
Ion	Ratio	Lower	Upper
96	100		
61	118.4	84.1	156.3
98	64.5	42.6	79.0

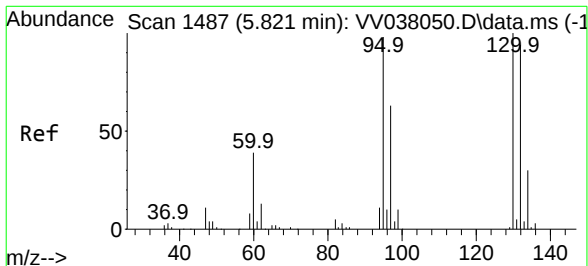
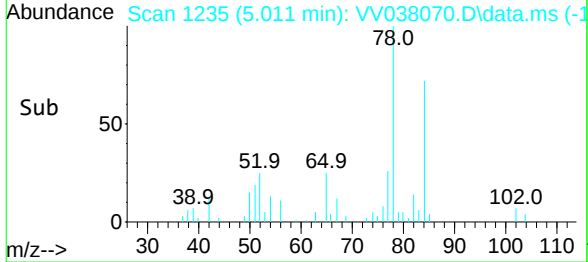
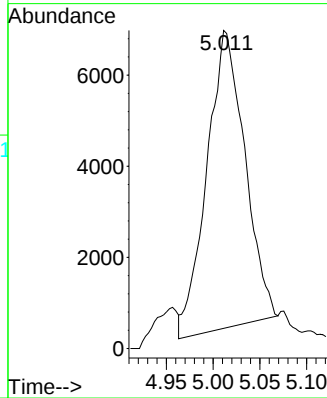
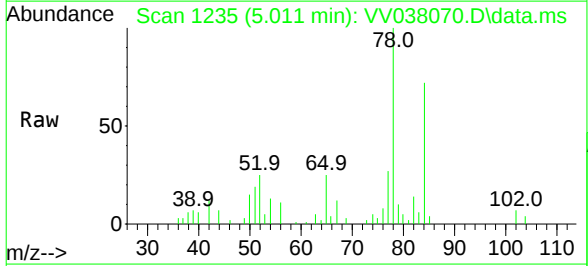




#33
Benzene
Concen: 0.244 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.013 min
Lab File: VV038070.D
Acq: 14 Nov 2024 01:35

Instrument : MSVOA_V
ClientSampleId : H46T8

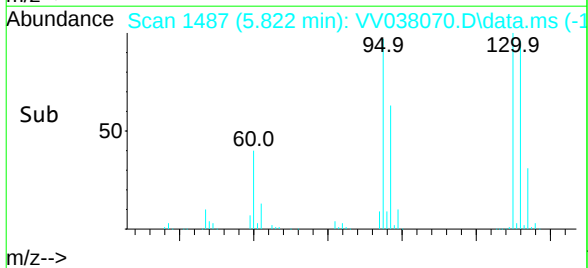
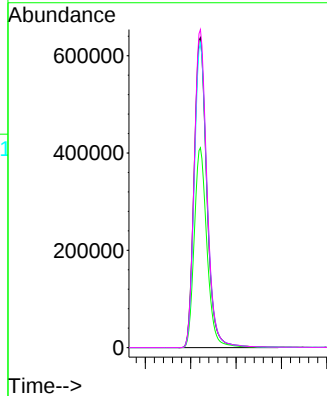
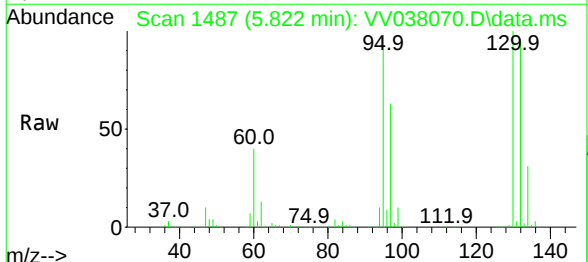
Tgt Ion: 78 Resp: 18466

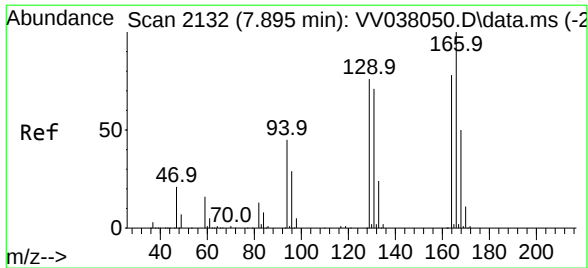


#34
Trichloroethene
Concen: 60.228 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.003 min
Lab File: VV038070.D
Acq: 14 Nov 2024 01:35

Tgt Ion: 95 Resp: 1244049

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.5	82.7
132	98.2	67.9	126.1
130	102.6	72.8	135.2





#47
 Tetrachloroethene
 Concen: 1.535 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV038070.D
 Acq: 14 Nov 2024 01:35

Instrument :
 MSVOA_V
 ClientSampleId :
 H46T8

Tgt Ion:	164	Resp:	24883
Ion	Ratio	Lower	Upper
164	100		
129	100.1	67.8	125.8
131	94.8	62.6	116.3
166	128.2	86.8	161.2

