

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038065.D
 Acq On : 13 Nov 2024 23:35
 Operator : SY/MD
 Sample : P4804-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46T0

Quant Time: Nov 14 01:02:34 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)

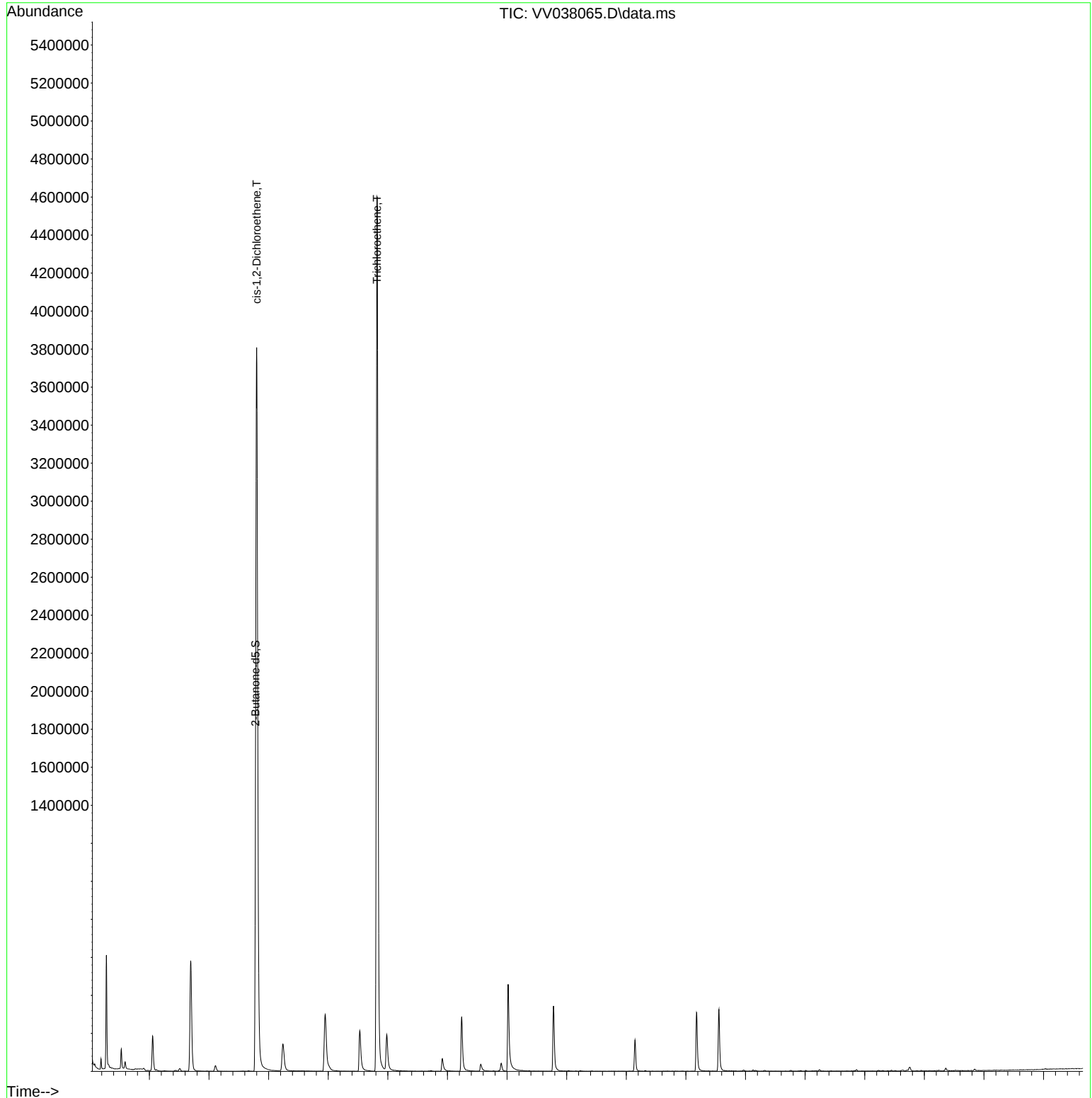
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	210061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	211878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	90950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67909	3.714	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.529	69	67445	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.053	65	28480	3.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.780	46	197243	46.944	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.880%
24) Chloroform-d	4.240	84	162975	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.937	65	80351	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.953	84	280150	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.982	67	96944	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.239	98	209868	3.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	7.558	79	29604	3.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.018	63	177600	47.788	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84569	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	93194	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
5) Vinyl chloride	1.278	62	265332	12.441	ug/L	100
12) 1,1-Dichloroethene	2.063	96	6488	0.406	ug/L #	1
17) Methyl tert-butyl Ether	2.696	73	456465	11.732	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	55600	3.218	ug/L	98
19) 1,1-Dichloroethane	3.108	63	31299	1.008	ug/L	96
22) cis-1,2-Dichloroethene	3.799	96	2180119	120.049	ug/L	97
33) Benzene	5.011	78	21359	0.317	ug/L	100
34) Trichloroethene	5.818	95	1646495	89.379	ug/L	99
47) Tetrachloroethene	7.902	164	10757	0.744	ug/L	89

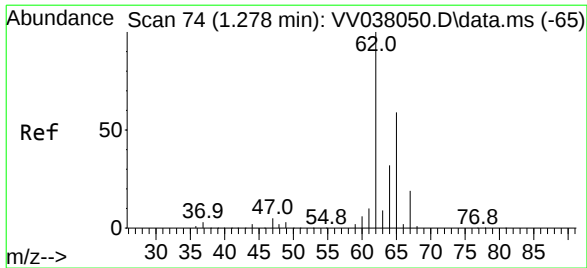
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

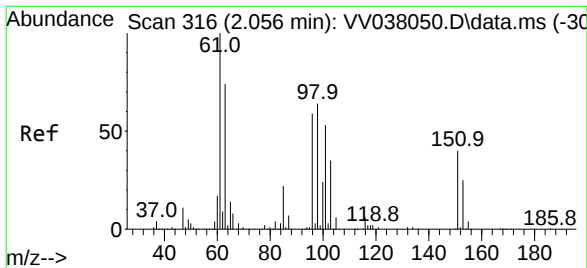
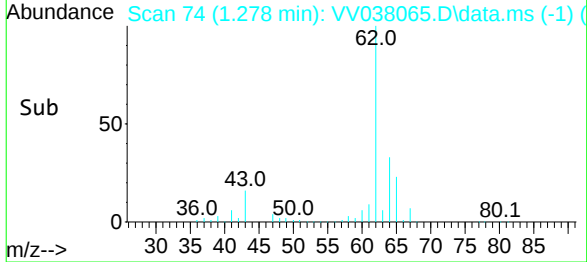
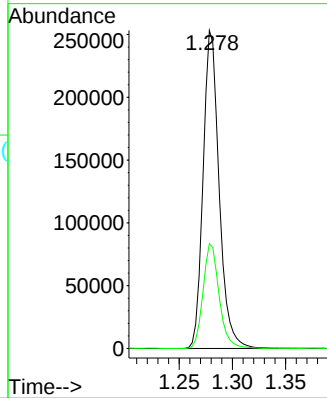
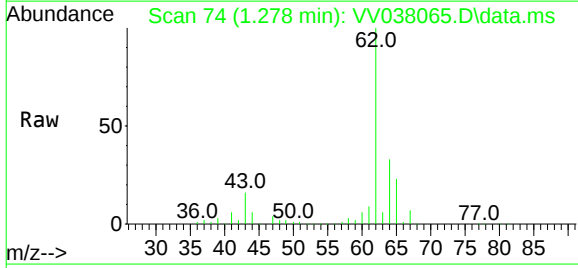




#5
 Vinyl chloride
 Concen: 12.441 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038065.D
 Acq: 13 Nov 2024 23:35

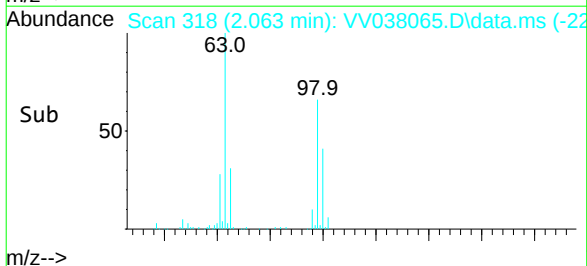
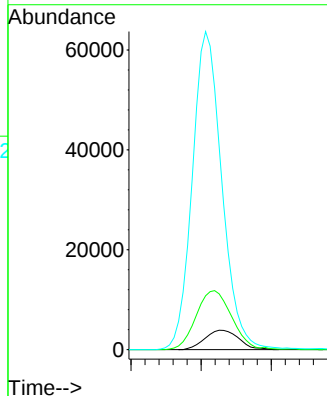
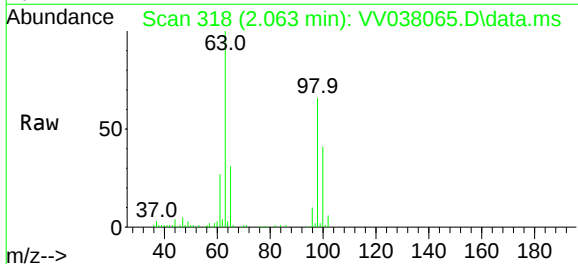
Instrument :
 MSVOA_V
 ClientSampleId :
 H46T0

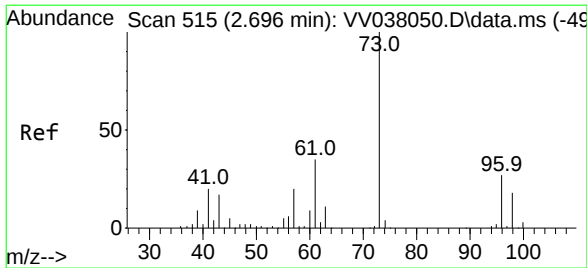
Tgt Ion: 62 Resp: 265332
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.6



#12
 1,1-Dichloroethene
 Concen: 0.406 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.003 min
 Lab File: VV038065.D
 Acq: 13 Nov 2024 23:35

Tgt Ion: 96 Resp: 6488
 Ion Ratio Lower Upper
 96 100
 61 288.1 118.1 219.3#
 63 1048.6 91.4 169.8#

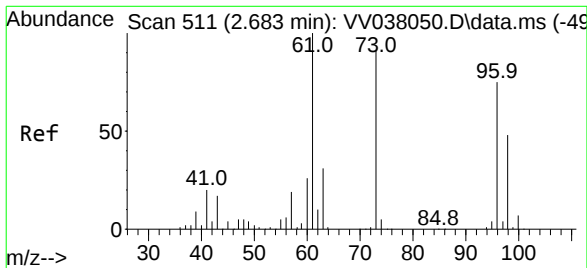
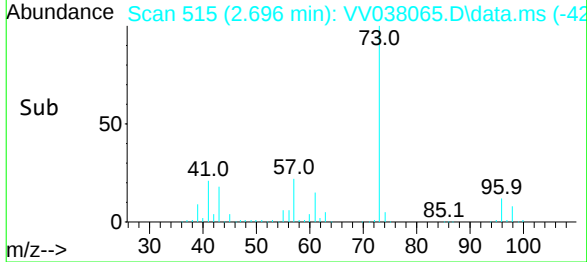
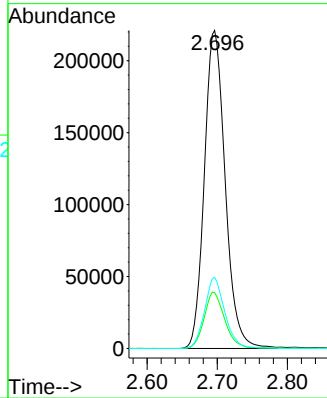
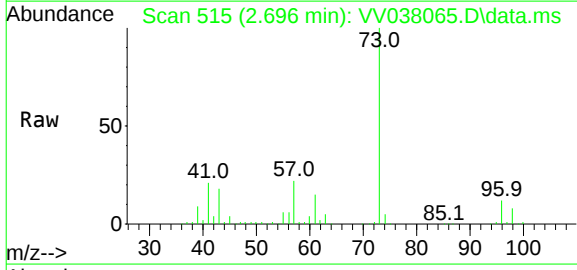




#17
Methyl tert-butyl Ether
Concen: 11.732 ug/L
RT: 2.696 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV038065.D
Acq: 13 Nov 2024 23:35

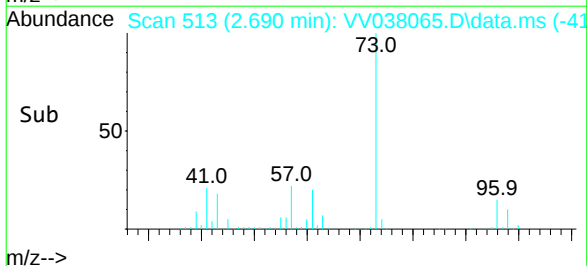
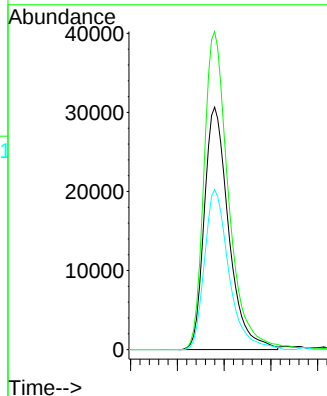
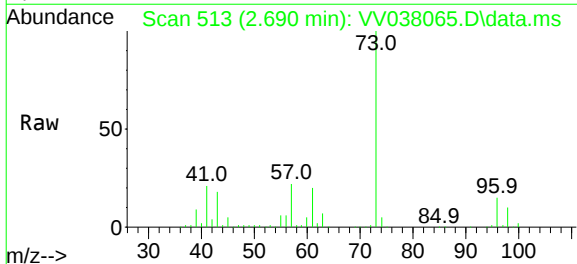
Instrument :
MSVOA_V
ClientSampleId :
H46T0

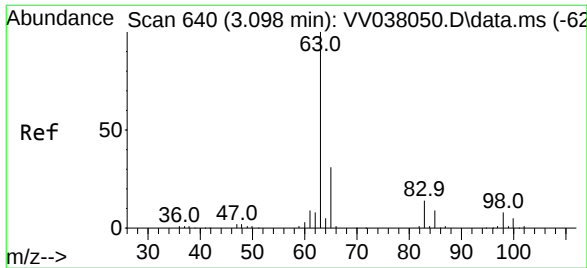
Tgt Ion: 73 Resp: 456465
Ion Ratio Lower Upper
73 100
43 17.5 14.1 21.1
57 21.7 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 3.218 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038065.D
Acq: 13 Nov 2024 23:35

Tgt Ion: 96 Resp: 55600
Ion Ratio Lower Upper
96 100
61 131.2 90.2 167.6
98 66.0 45.7 84.9

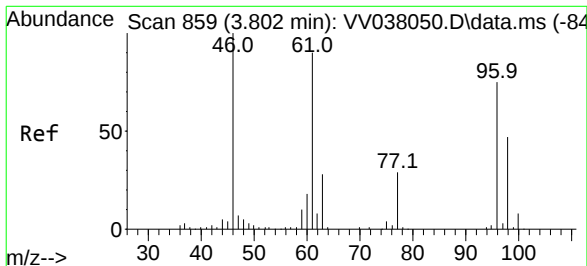
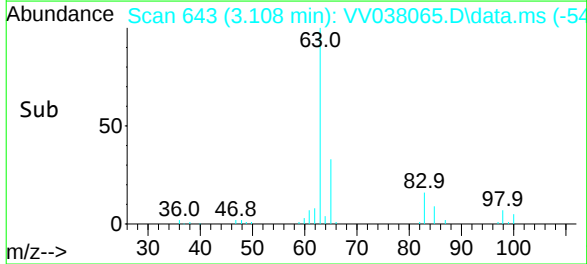
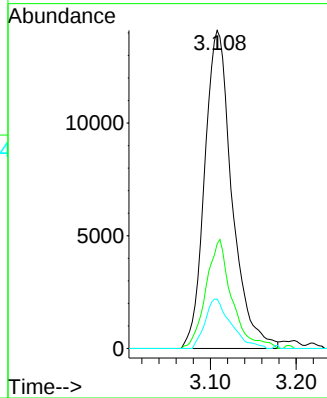
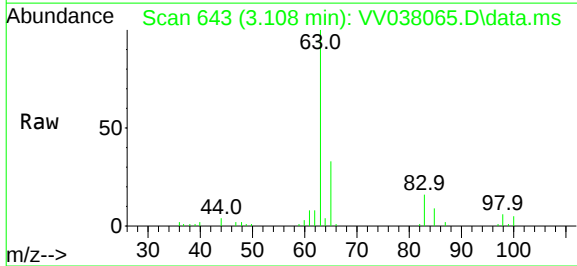




#19
1,1-Dichloroethane
Concen: 1.008 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.006 min
Lab File: VV038065.D
Acq: 13 Nov 2024 23:35

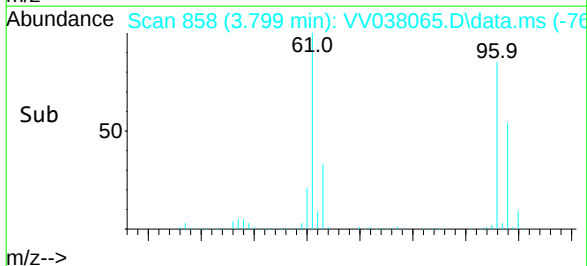
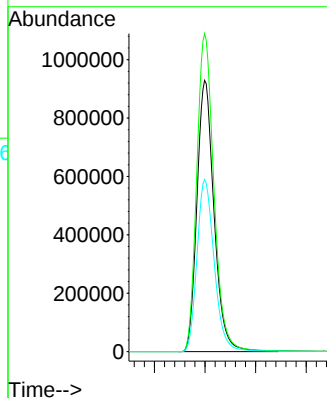
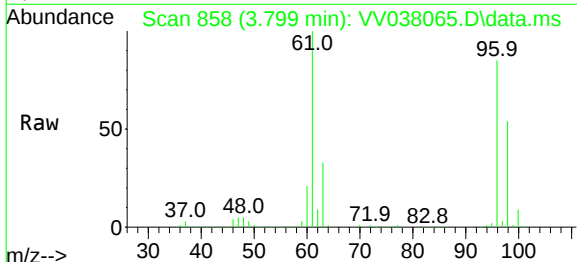
Instrument :
MSVOA_V
ClientSampleId :
H46T0

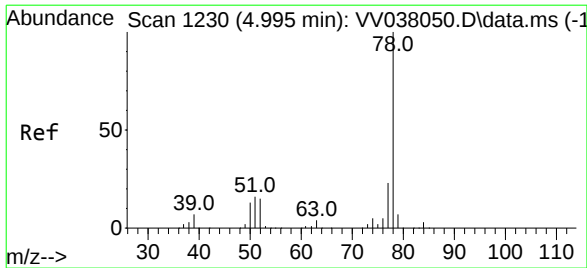
Tgt Ion:	63	Resp:	31299
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.0	40.8
83	15.5	9.2	17.2



#22
cis-1,2-Dichloroethene
Concen: 120.049 ug/L
RT: 3.799 min Scan# 858
Delta R.T. -0.003 min
Lab File: VV038065.D
Acq: 13 Nov 2024 23:35

Tgt Ion:	96	Resp:	2180119
Ion	Ratio	Lower	Upper
96	100		
61	117.3	84.1	156.3
98	63.5	42.6	79.0





#33

Benzene

Concen: 0.317 ug/L

RT: 5.011 min Scan# 1235

Delta R.T. 0.013 min

Lab File: VV038065.D

Acq: 13 Nov 2024 23:35

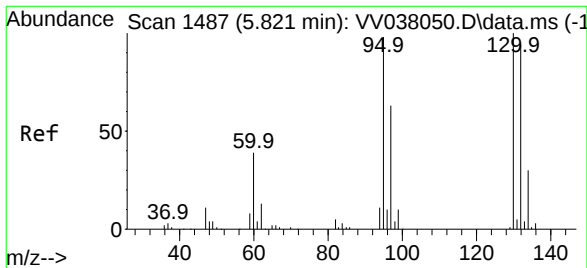
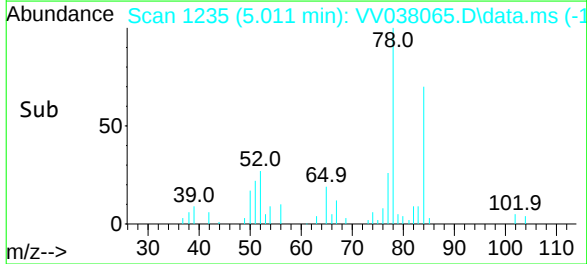
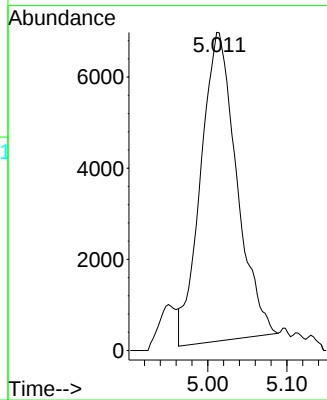
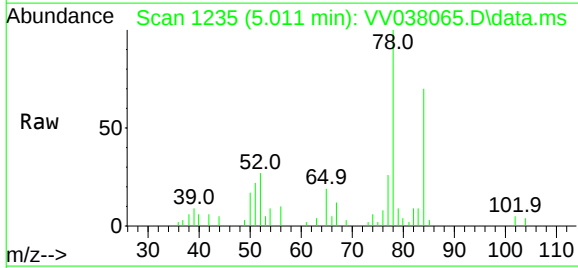
Instrument :

MSVOA_V

ClientSampleId :

H46T0

Tgt Ion: 78 Resp: 21359



#34

Trichloroethene

Concen: 89.379 ug/L

RT: 5.818 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VV038065.D

Acq: 13 Nov 2024 23:35

Tgt Ion: 95 Resp: 1646495

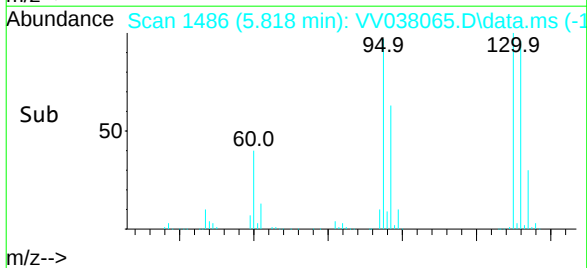
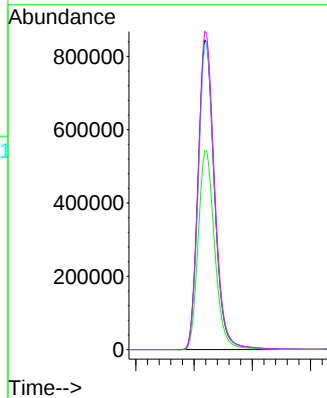
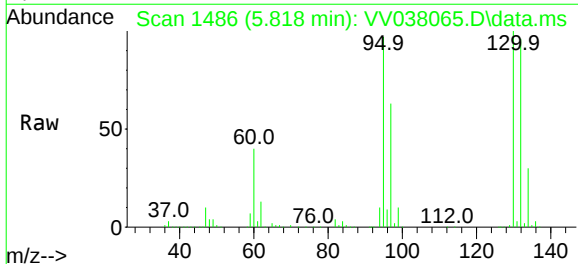
Ion	Ratio	Lower	Upper
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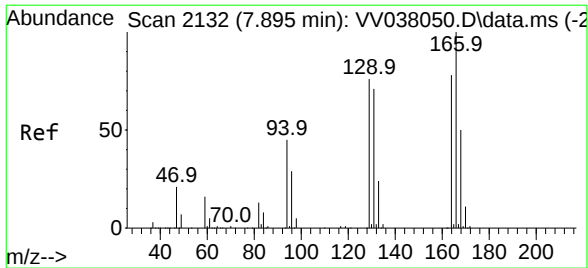
95	100		
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97	64.3	44.5	82.7
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132	98.8	67.9	126.1
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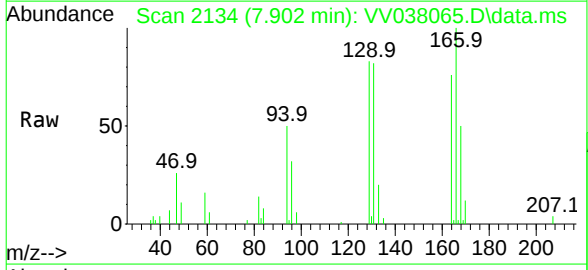
130	102.9	72.8	135.2
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#47
 Tetrachloroethene
 Concen: 0.744 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV038065.D
 Acq: 13 Nov 2024 23:35

Instrument :
 MSVOA_V
 ClientSampleId :
 H46T0



Tgt Ion:164 Resp: 10757

Ion	Ratio	Lower	Upper
164	100		
129	108.6	67.8	125.8
131	106.9	62.6	116.3
166	130.7	86.8	161.2

