

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038064.D
 Acq On : 13 Nov 2024 23:11
 Operator : SY/MD
 Sample : P4804-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46S9

Quant Time: Nov 14 01:02:27 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)

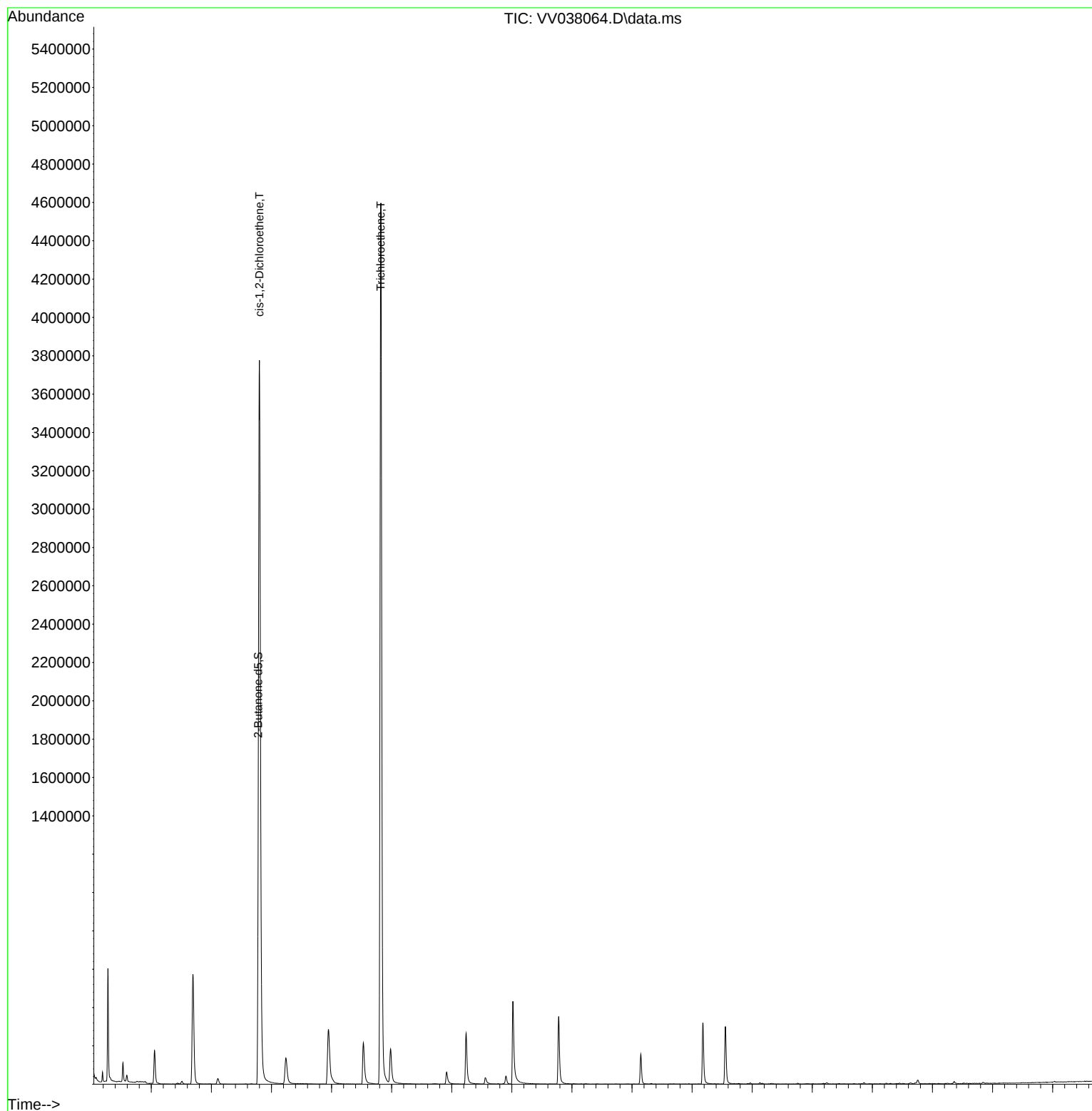
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	209700	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	212844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	93215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	65109	3.567	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.529	69	64350	4.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.053	65	26896	3.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.780	46	183227	43.683	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.360%
24) Chloroform-d	4.240	84	154713	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	4.937	65	78853	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	4.950	84	269407	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.982	67	92969	4.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.240	98	199102	3.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	7.558	79	26417	3.163	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.200%
46) 2-Hexanone-d5	8.018	63	170432	45.651	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.300%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	79832	4.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	86754	4.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
5) Vinyl chloride	1.278	62	267368	12.558	ug/L	98
12) 1,1-Dichloroethene	2.063	96	6374	0.400	ug/L #	1
17) Methyl tert-butyl Ether	2.696	73	452640	11.654	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	56711	3.288	ug/L	99
19) 1,1-Dichloroethane	3.108	63	31818	1.027	ug/L	97
22) cis-1,2-Dichloroethene	3.799	96	2169582	119.675	ug/L	97
33) Benzene	5.011	78	22601	0.334	ug/L	100
34) Trichloroethene	5.818	95	1654008	89.379	ug/L	99
47) Tetrachloroethene	7.902	164	11250	0.775	ug/L	94

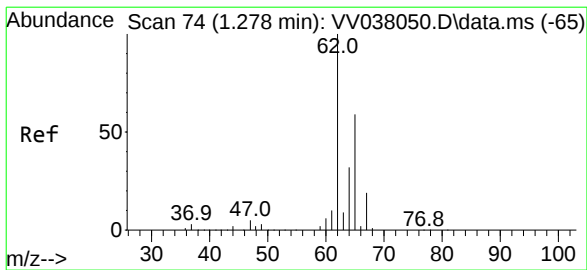
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 13 00:39:48 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.558 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV038064.D

Acq: 13 Nov 2024 23:11

Instrument :

MSVOA_V

ClientSampleId :

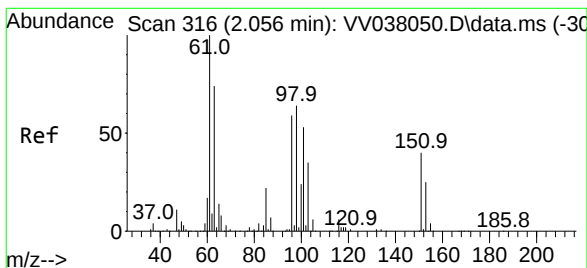
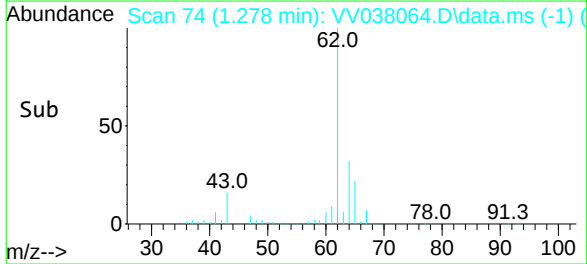
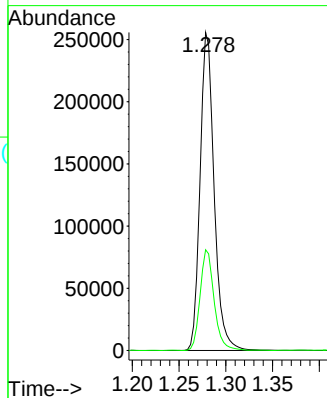
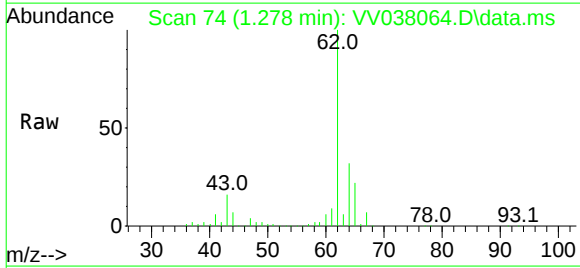
H46S9

Tgt Ion: 62 Resp: 267368

Ion Ratio Lower Upper

62 100

64 31.7 23.0 42.6



#12

1,1-Dichloroethene

Concen: 0.400 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV038064.D

Acq: 13 Nov 2024 23:11

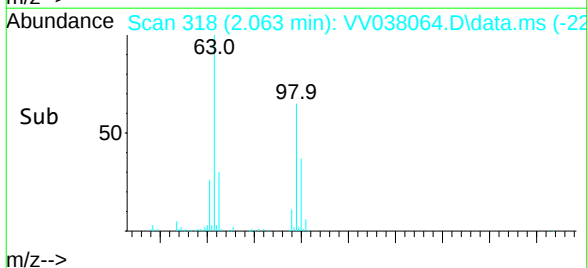
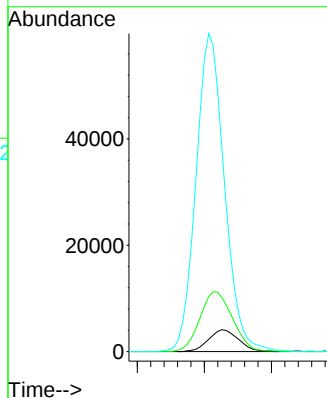
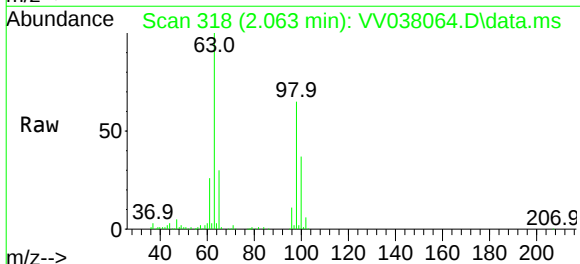
Tgt Ion: 96 Resp: 6374

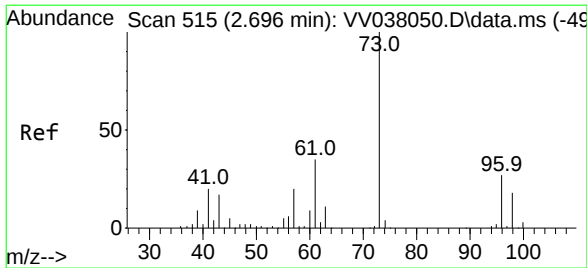
Ion Ratio Lower Upper

96 100

61 249.1 118.1 219.3#

63 941.3 91.4 169.8#

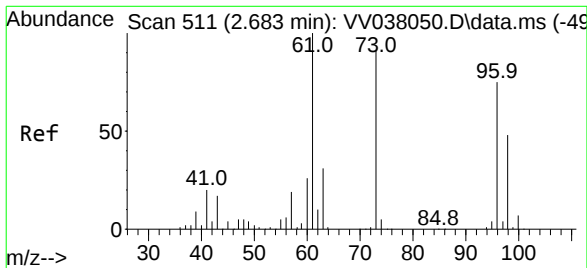
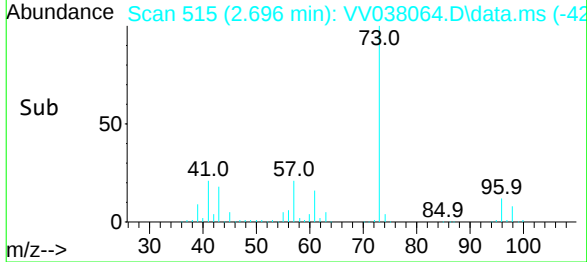
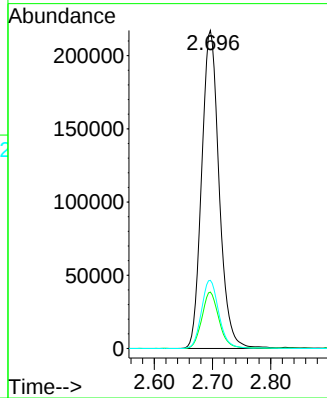
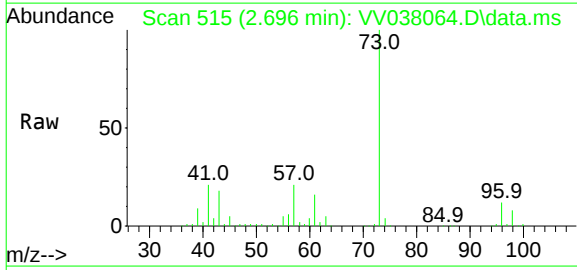




#17
Methyl tert-butyl Ether
Concen: 11.654 ug/L
RT: 2.696 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038064.D
Acq: 13 Nov 2024 23:11

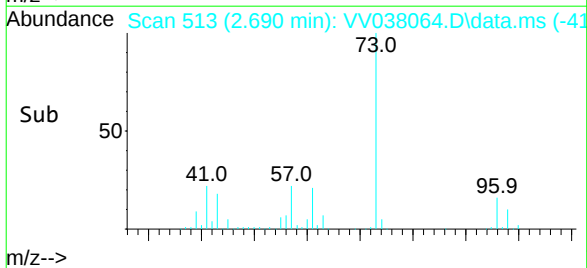
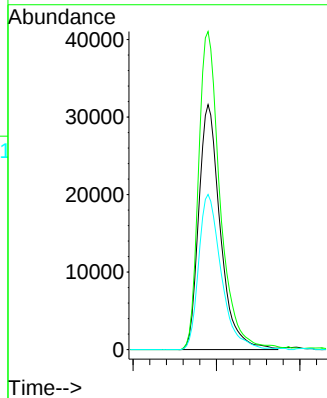
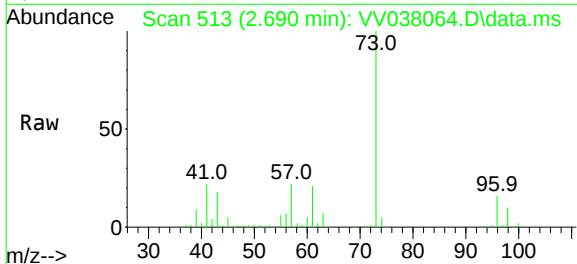
Instrument :
MSVOA_V
ClientSampleId :
H46S9

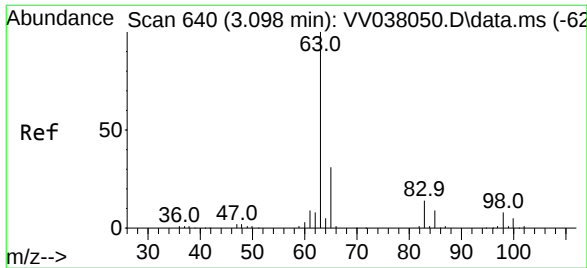
Tgt Ion: 73 Resp: 452640
Ion Ratio Lower Upper
73 100
43 17.5 14.1 21.1
57 21.3 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 3.288 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038064.D
Acq: 13 Nov 2024 23:11

Tgt Ion: 96 Resp: 56711
Ion Ratio Lower Upper
96 100
61 129.8 90.2 167.6
98 63.3 45.7 84.9

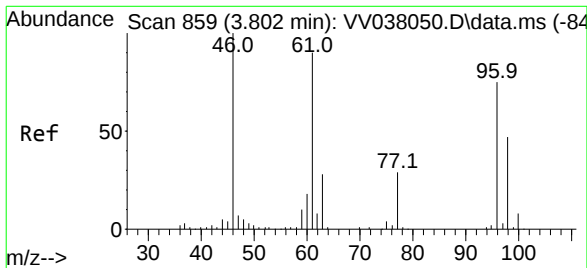
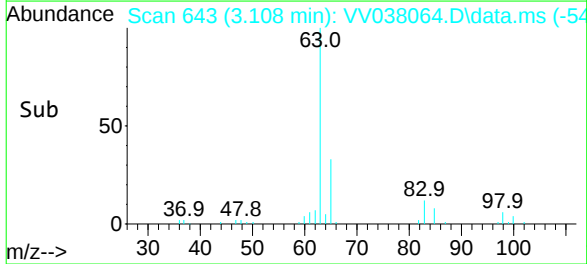
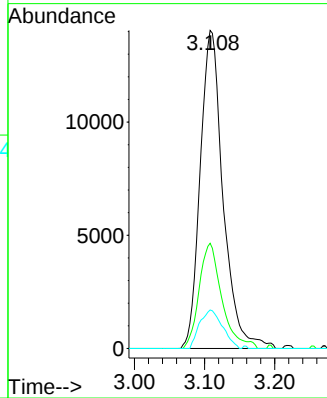
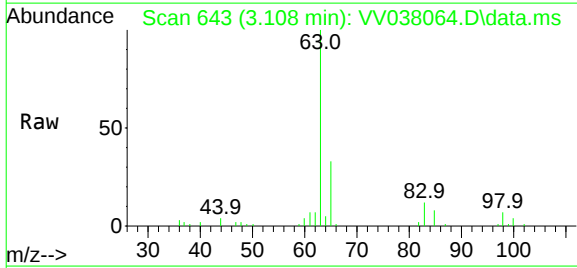




#19
1,1-Dichloroethane
Concen: 1.027 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.007 min
Lab File: VV038064.D
Acq: 13 Nov 2024 23:11

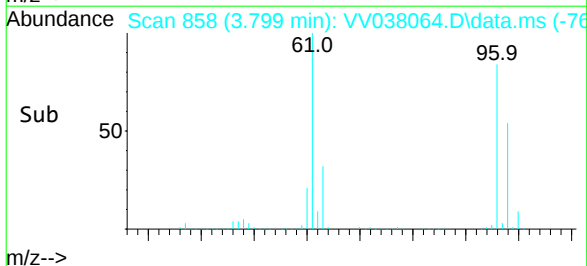
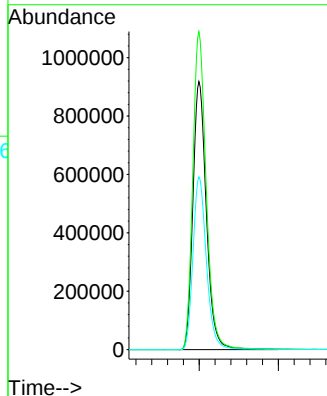
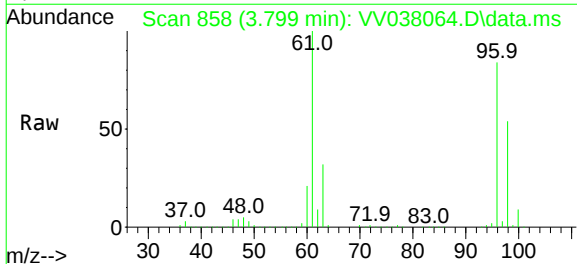
Instrument :
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ClientSampleId :
H46S9

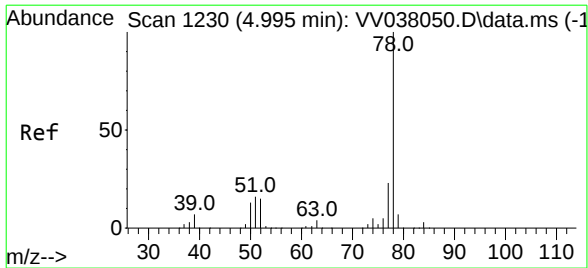
Tgt Ion:	63	Resp:	31818
Ion	Ratio	Lower	Upper
63	100		
65	33.1	22.0	40.8
83	12.1	9.2	17.2



#22
cis-1,2-Dichloroethene
Concen: 119.675 ug/L
RT: 3.799 min Scan# 858
Delta R.T. -0.003 min
Lab File: VV038064.D
Acq: 13 Nov 2024 23:11

Tgt Ion:	96	Resp:	2169582
Ion	Ratio	Lower	Upper
96	100		
61	118.7	84.1	156.3
98	64.4	42.6	79.0

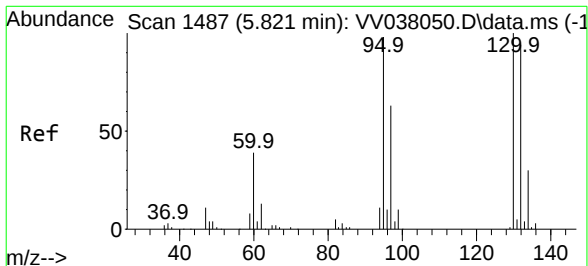
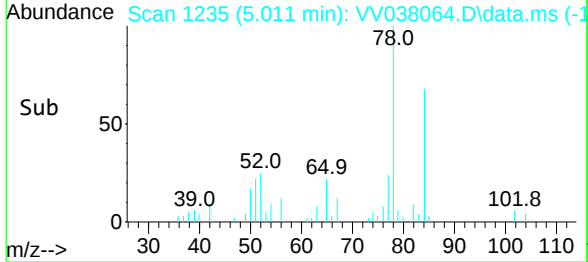
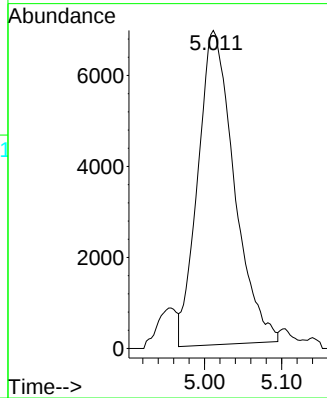
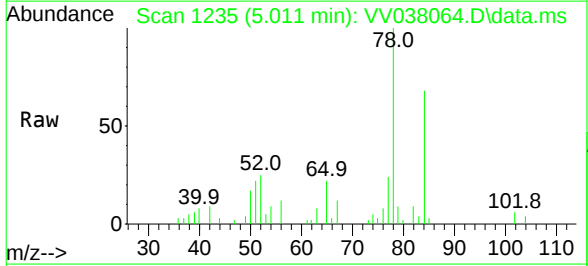




#33
Benzene
Concen: 0.334 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.013 min
Lab File: VV038064.D
Acq: 13 Nov 2024 23:11

Instrument : MSVOA_V
ClientSampleId : H46S9

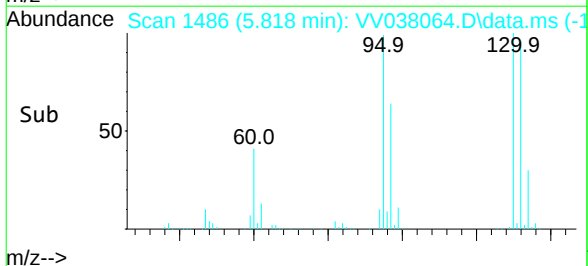
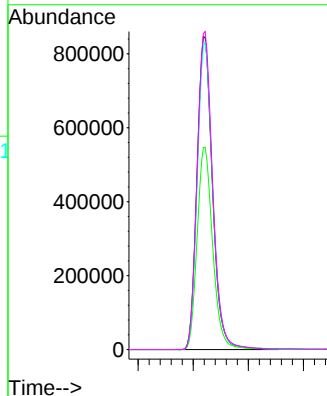
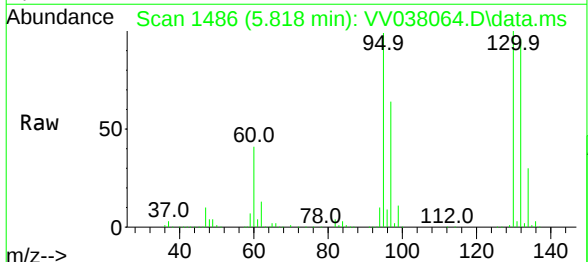
Tgt Ion: 78 Resp: 22601

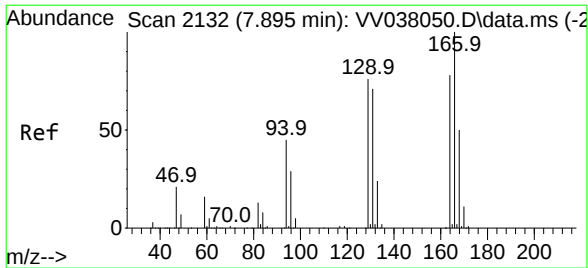


#34
Trichloroethene
Concen: 89.379 ug/L
RT: 5.818 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VV038064.D
Acq: 13 Nov 2024 23:11

Tgt Ion: 95 Resp: 1654008

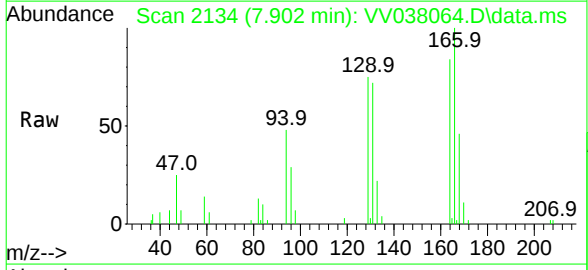
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.5	82.7
132	97.0	67.9	126.1
130	101.0	72.8	135.2





#47
 Tetrachloroethene
 Concen: 0.775 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV038064.D
 Acq: 13 Nov 2024 23:11

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	164	Resp:	11250
Ion	Ratio	Lower	Upper
164	100		
129	88.3	67.8	125.8
131	85.5	62.6	116.3
166	118.5	86.8	161.2

