

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VW033111.D
 Acq On : 06 Dec 2023 13:11
 Operator : SY/MD
 Sample : 05644-02
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 03:43:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

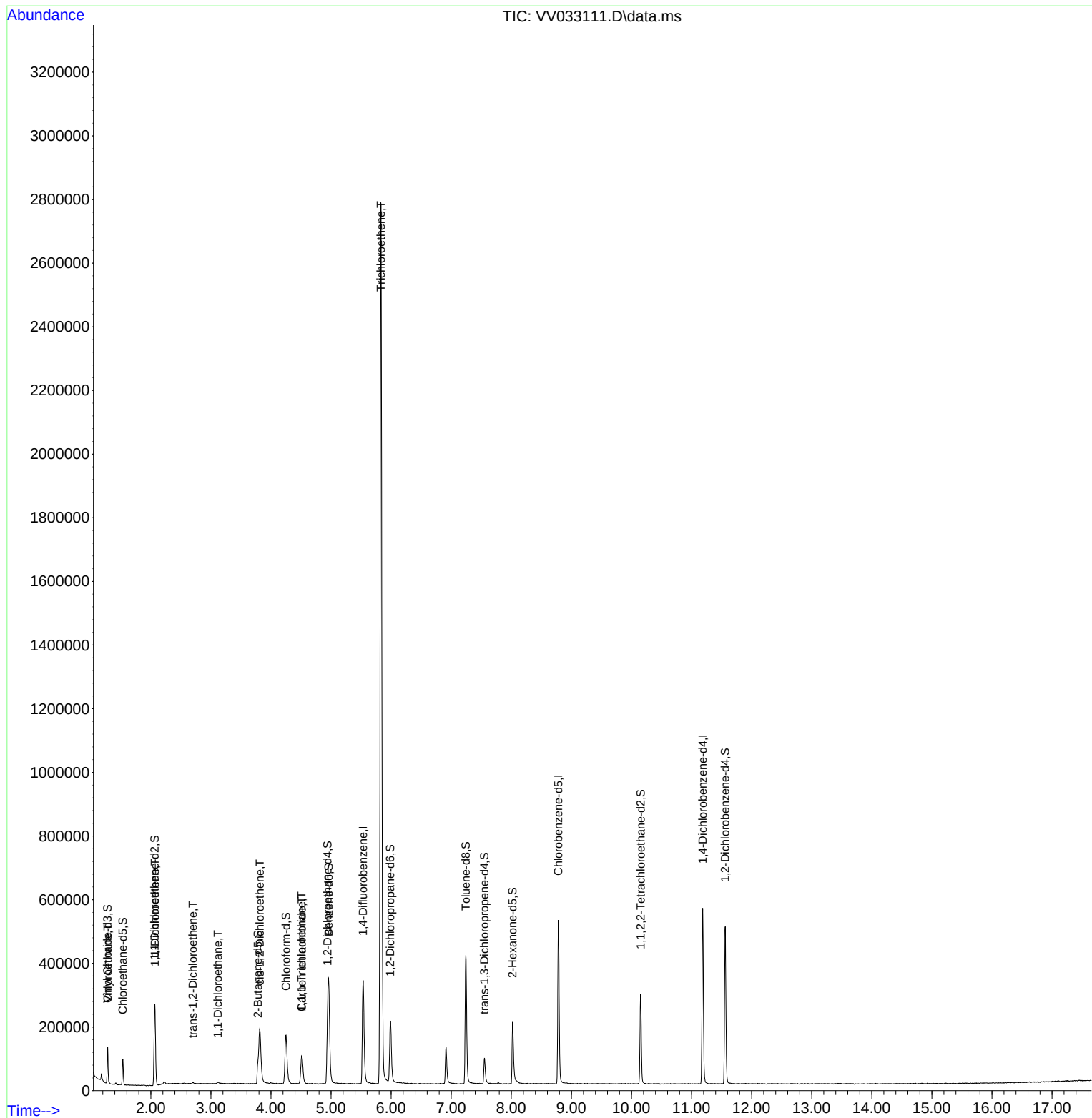
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	300359	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	296356	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	153471	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70034	39.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.000%
7) Chloroethane-d5	1.532	69	53015	42.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.760%
11) 1,1-Dichloroethene-d2	2.063	65	26494	38.787	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.580%
21) 2-Butanone-d5	3.780	46	81960	91.903	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.900%
24) Chloroform-d	4.249	84	164302	43.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.240%
26) 1,2-Dichloroethane-d4	4.941	65	109791	46.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.680%
32) Benzene-d6	4.960	84	307620	44.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	5.986	67	87809	47.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.240%
41) Toluene-d8	7.243	98	280991	42.498	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.551	79	49733	42.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.400%
47) 2-Hexanone-d5	8.021	63	67185	89.739	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.740%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	123189	46.501	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	132272	48.440	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.880%
Target Compounds						
8) Chloroethane	1.282	64	1365	1.235	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	40532	26.917	ug/L #	71
17) trans-1,2-Dichloroethene	2.700	96	1722	0.871	ug/L	73
19) 1,1-Dichloroethane	3.118	63	4258	1.301	ug/L	93
20) cis-1,2-Dichloroethene	3.812	96	95548	45.545	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	76066	20.769	ug/L	98
31) Carbon tetrachloride	4.513	117	9492	2.787	ug/L	97
34) Trichloroethene	5.828	95	923754	411.727	ug/L	98

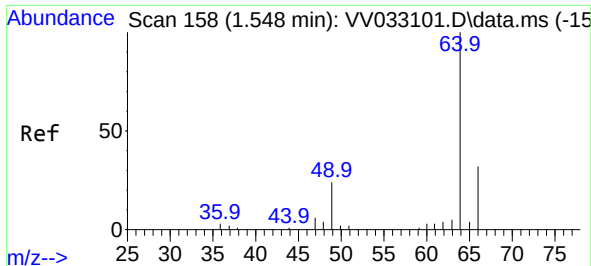
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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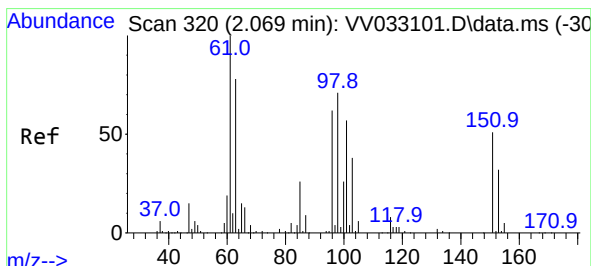
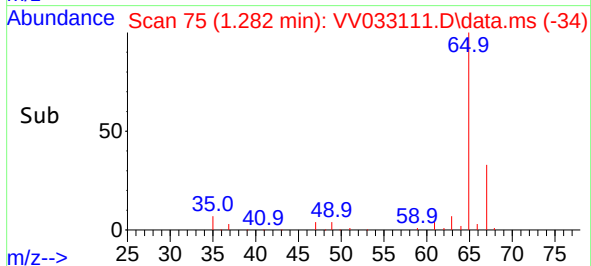
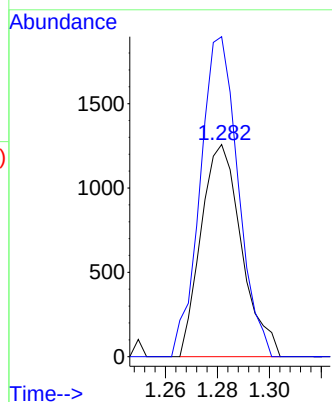
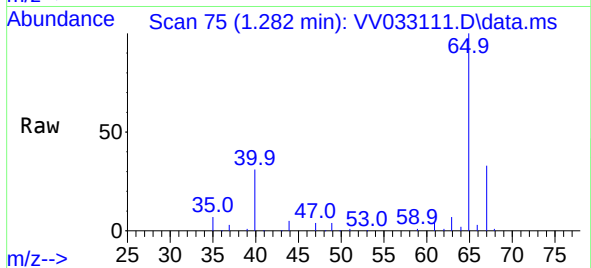




#8
Chloroethane
Concen: 1.235 ug/L
RT: 1.282 min Scan# 71
Delta R.T. -0.267 min
Lab File: VV033111.D
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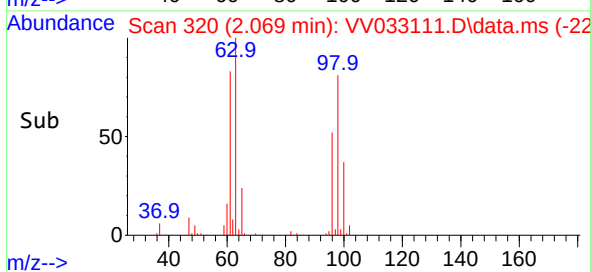
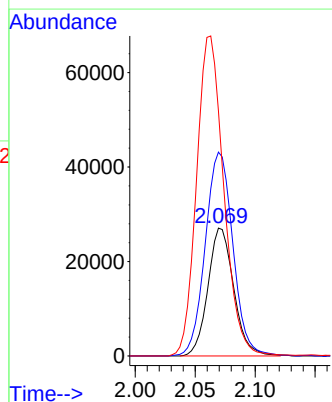
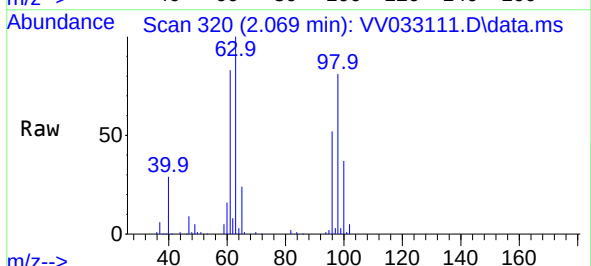
Instrument :
MSVOA_V
ClientSampleId :

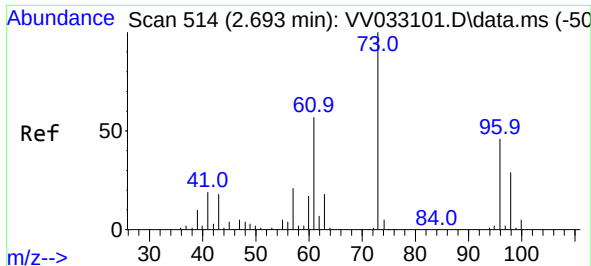
Tgt Ion: 64 Resp: 1365
Ion Ratio Lower Upper
64 100
66 150.8 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 26.917 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV033111.D
Acq: 06 Dec 2023 13:11

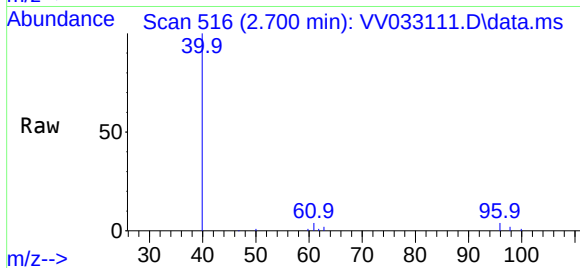
Tgt Ion: 96 Resp: 40532
Ion Ratio Lower Upper
96 100
61 159.5 109.1 202.7
63 191.7 85.3 158.3#



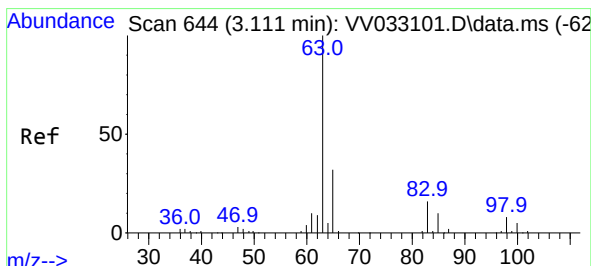
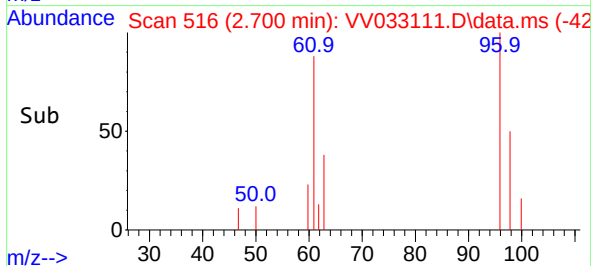
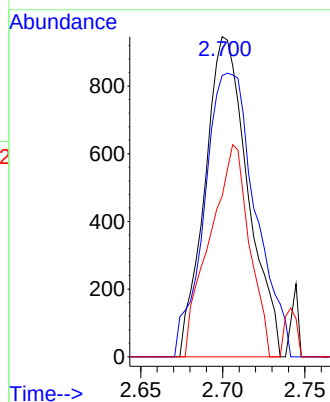


#17
trans-1,2-Dichloroethene
Concen: 0.871 ug/L
RT: 2.700 min Scan# 514
Delta R.T. 0.007 min
Lab File: VV033111.D
Acq: 06 Dec 2023 13:11

Instrument :
MSVOA_V
ClientSampleId :

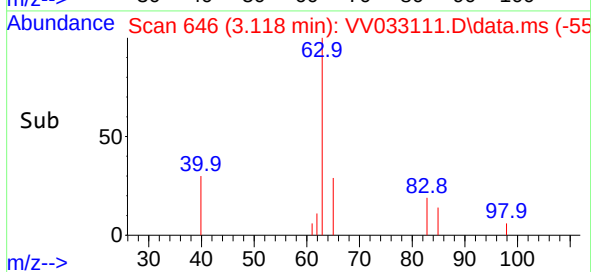
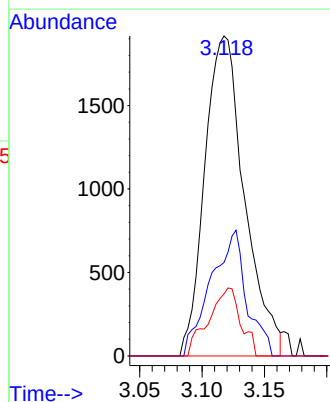
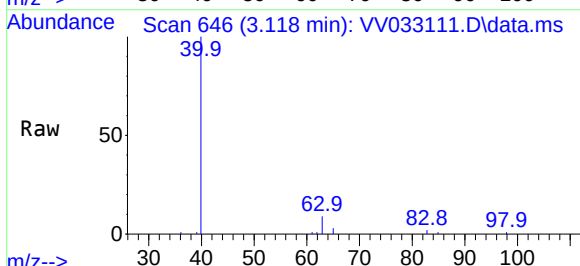


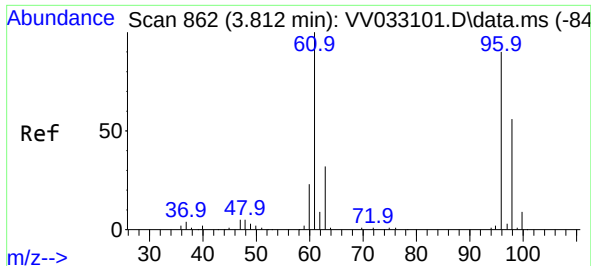
Tgt Ion: 96 Resp: 1722
Ion Ratio Lower Upper
96 100
61 87.8 86.5 160.6
98 50.1 45.1 83.7



#19
1,1-Dichloroethane
Concen: 1.301 ug/L
RT: 3.118 min Scan# 646
Delta R.T. 0.010 min
Lab File: VV033111.D
Acq: 06 Dec 2023 13:11

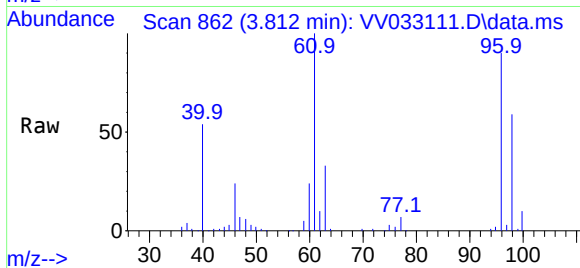
Tgt Ion: 63 Resp: 4258
Ion Ratio Lower Upper
63 100
65 29.2 23.0 42.6
83 19.4 11.4 21.2



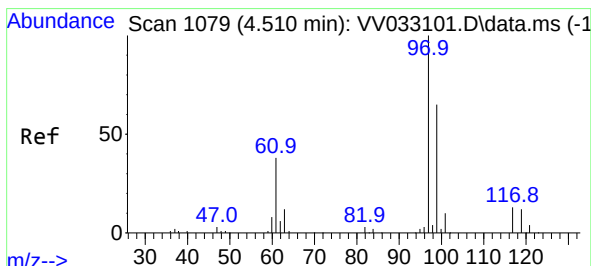
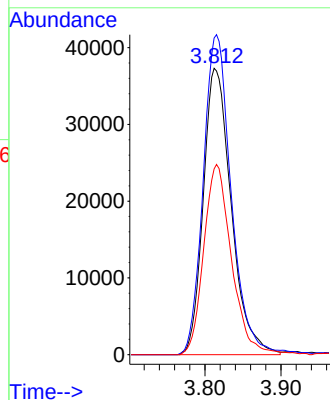
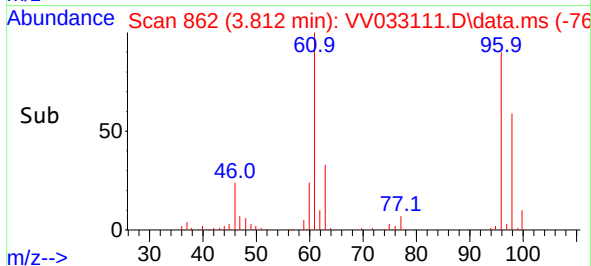


#20
cis-1,2-Dichloroethene
Concen: 45.545 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV033111.D
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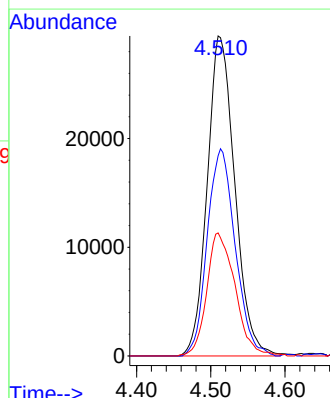
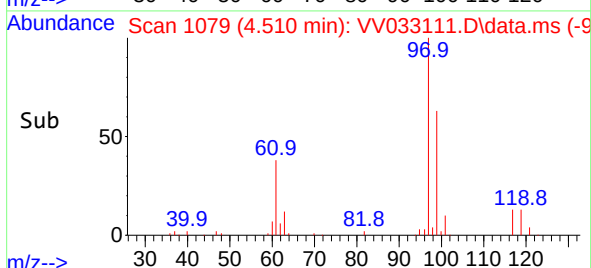
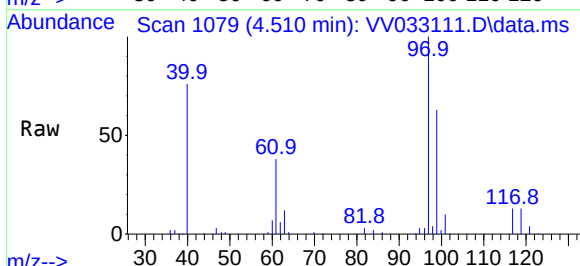


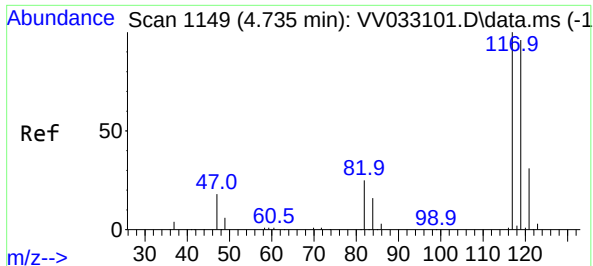
Tgt Ion: 96 Resp: 95548
Ion Ratio Lower Upper
96 100
61 110.6 79.1 146.9
98 64.9 45.1 83.7



#30
1,1,1-Trichloroethane
Concen: 20.769 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV033111.D
Acq: 06 Dec 2023 13:11

Tgt Ion: 97 Resp: 76066
Ion Ratio Lower Upper
97 100
99 65.7 51.3 76.9
61 39.2 31.8 47.8

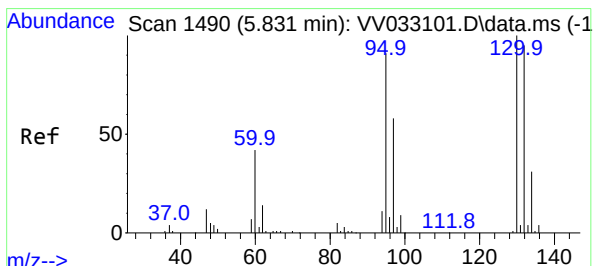
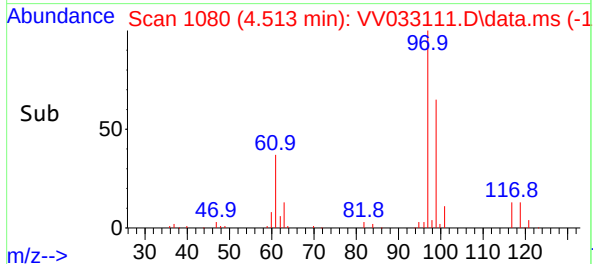
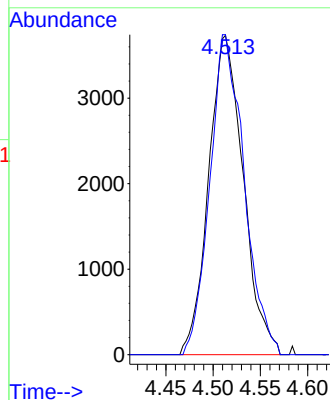
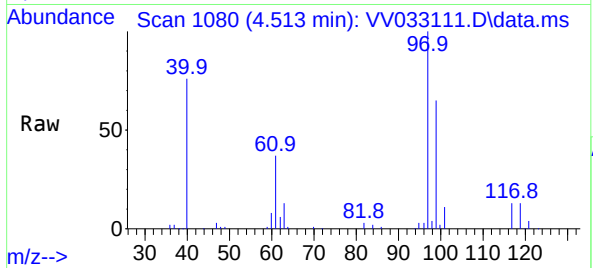




#31
Carbon tetrachloride
Concen: 2.787 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.222 min
Lab File: VV033111.D
Acq: 06 Dec 2023 13:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 9492
Ion Ratio Lower Upper
117 100
119 99.5 77.5 116.3



#34
Trichloroethene
Concen: 411.727 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV033111.D
Acq: 06 Dec 2023 13:11

Tgt Ion: 95 Resp: 923754
Ion Ratio Lower Upper
95 100
97 65.4 45.8 85.0
132 105.9 77.4 143.8
130 109.7 76.9 142.7

