

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022509.D
 Acq On : 02 Oct 2021 14:32
 Operator : SY/MD
 Sample : M3979-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 01:59:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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

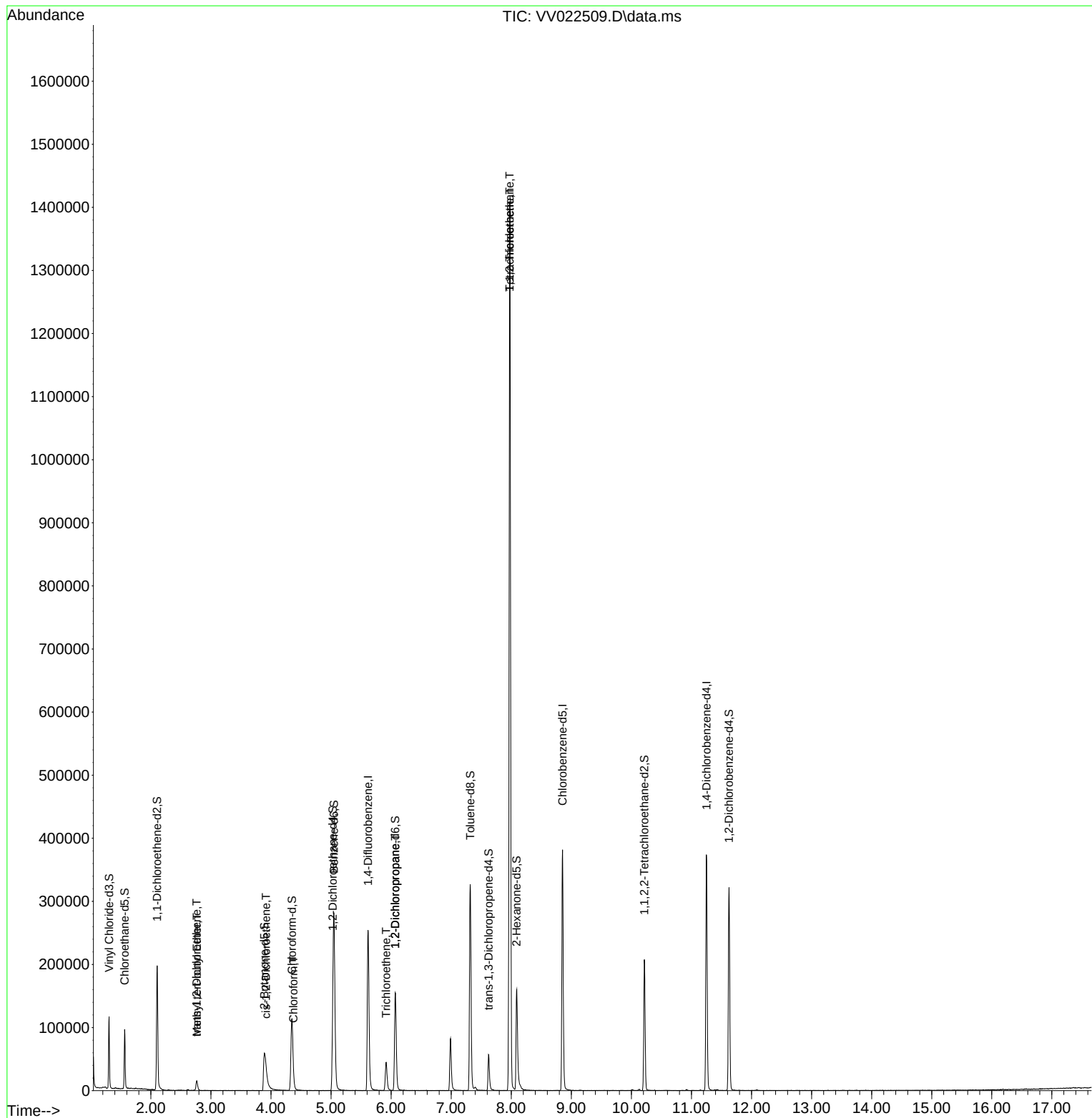
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	228579	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	214102	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100330	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67848	47.994	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.980%
7) Chloroethane-d5	1.565	69	53897	48.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.105	63	101168	36.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.580%
21) 2-Butanone-d5	3.889	46	89431	114.927	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.930%
24) Chloroform-d	4.349	84	118020	45.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.380%
26) 1,2-Dichloroethane-d4	5.031	65	74167	49.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
32) Benzene-d6	5.050	84	248440	50.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
36) 1,2-Dichloropropane-d6	6.069	67	75282	49.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.600%
41) Toluene-d8	7.317	98	221783	48.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.500%
43) trans-1,3-Dichloroprop...	7.622	79	31189	43.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.340%
47) 2-Hexanone-d5	8.088	63	56254	88.933	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.930%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	96509	45.453	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	85479	52.245	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.480%
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.764	96	3128	1.785	ug/L	93
18) Methyl tert-butyl Ether	2.767	73	7744	1.431	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	1908	1.022	ug/L #	67
25) Chloroform	4.375	83	3452	1.106	ug/L	98
34) Trichloroethene	5.915	95	14191	8.222	ug/L	99
37) 1,2-Dichloropropane	6.069	63	8030	4.744	ug/L #	85
45) 1,1,2-Trichloroethane	7.976	97	2587	1.477	ug/L #	2
46) Tetrachloroethene	7.976	164	316761	219.213	ug/L	98

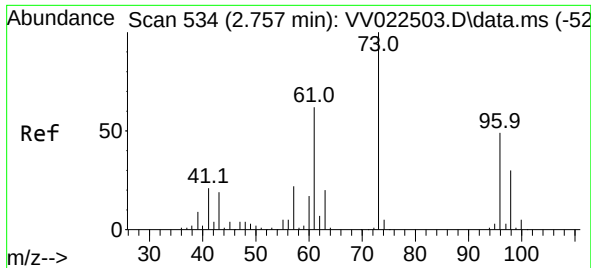
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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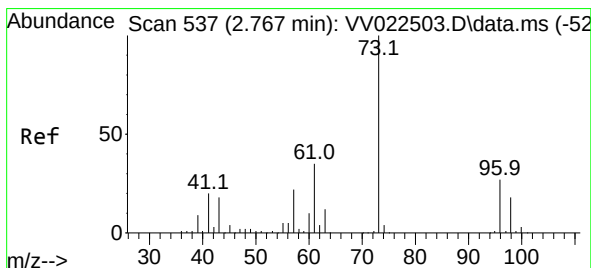
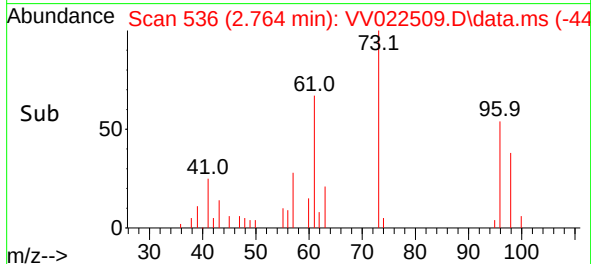
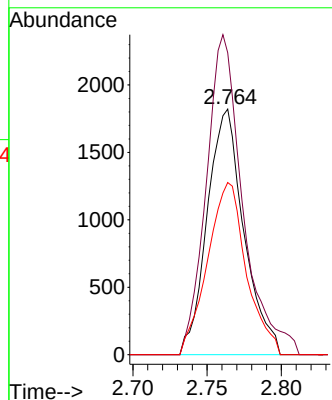
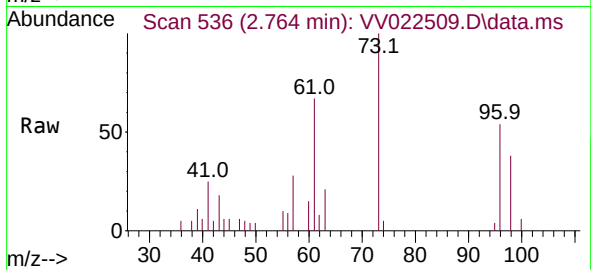




#17
trans-1,2-Dichloroethene
Concen: 1.785 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV022509.D
Acq: 02 Oct 2021 14:32

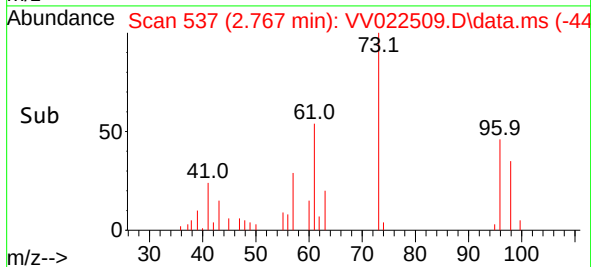
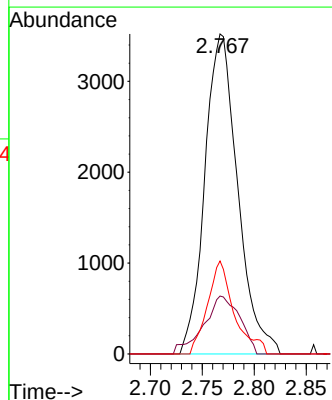
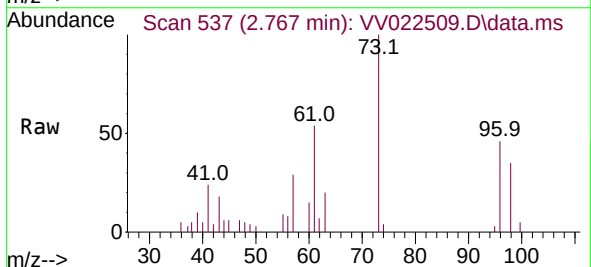
Instrument :
MSVOA_V
ClientSampleId :

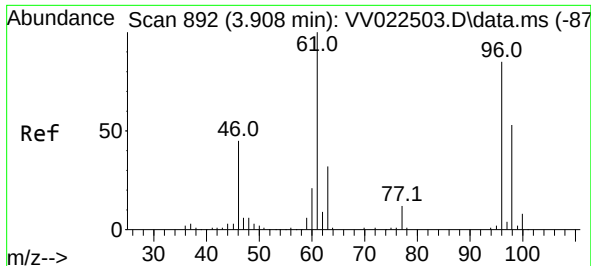
Tgt Ion: 96 Resp: 3128
Ion Ratio Lower Upper
96 100
61 123.0 90.8 168.6
98 70.1 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 1.431 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV022509.D
Acq: 02 Oct 2021 14:32

Tgt Ion: 73 Resp: 7744
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7
57 22.4 17.6 26.4

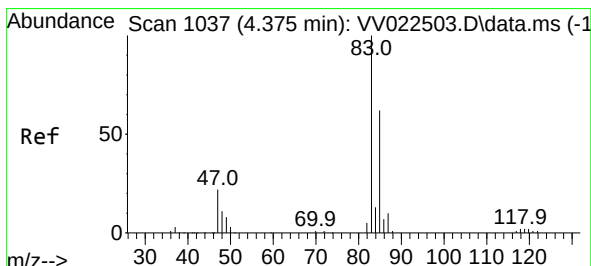
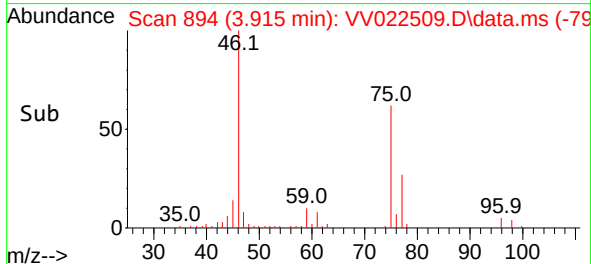
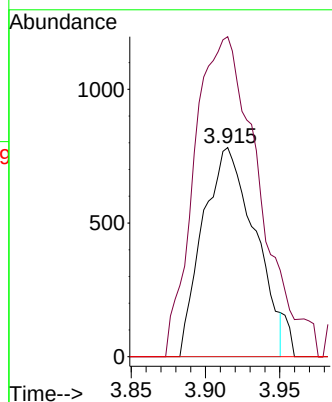
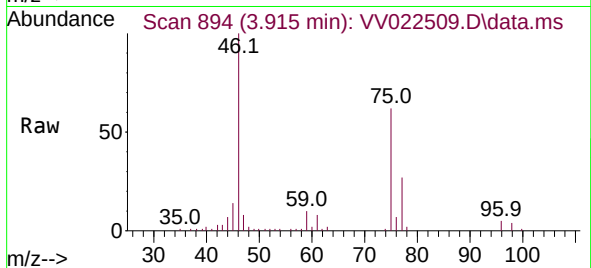




#20
cis-1,2-Dichloroethene
Concen: 1.022 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022509.D
Acq: 02 Oct 2021 14:32

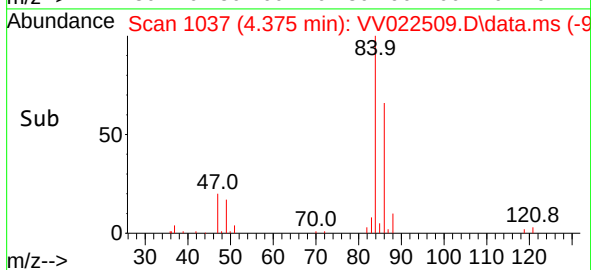
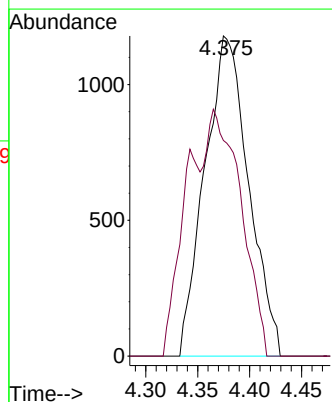
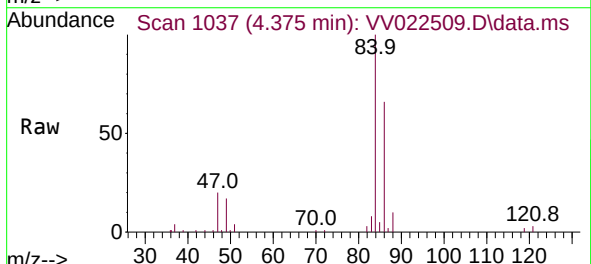
Instrument :
MSVOA_V
ClientSampled :

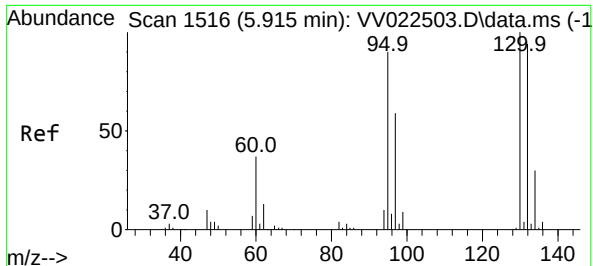
Tgt Ion: 96 Resp: 1908
Ion Ratio Lower Upper
96 100
61 153.1 81.9 152.1#
68 0.0 0.0 0.0



#25
Chloroform
Concen: 1.106 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV022509.D
Acq: 02 Oct 2021 14:32

Tgt Ion: 83 Resp: 3452
Ion Ratio Lower Upper
83 100
85 67.3 45.8 85.0

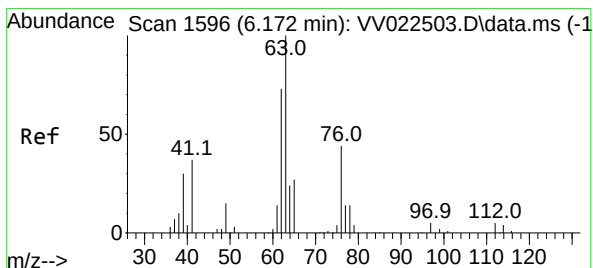
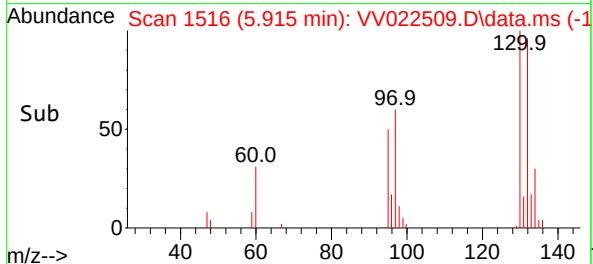
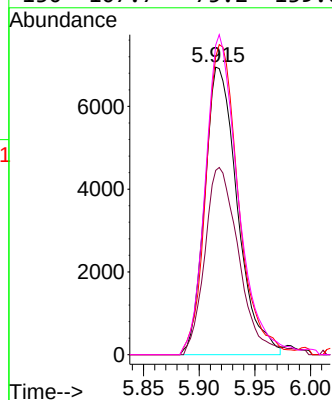
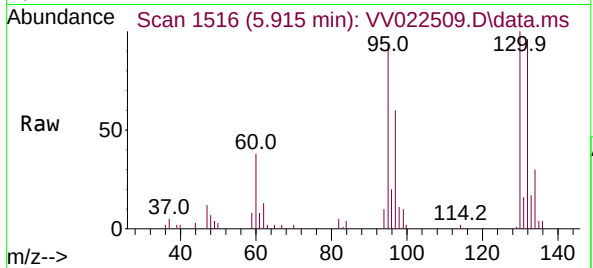




#34
Trichloroethene
Concen: 8.222 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022509.D
Acq: 02 Oct 2021 14:32

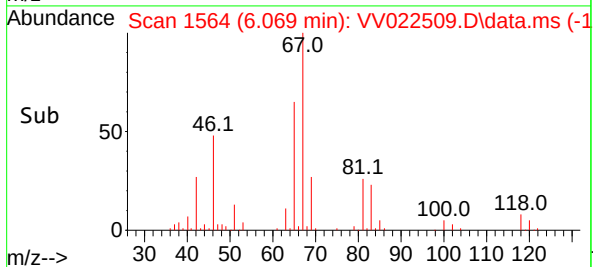
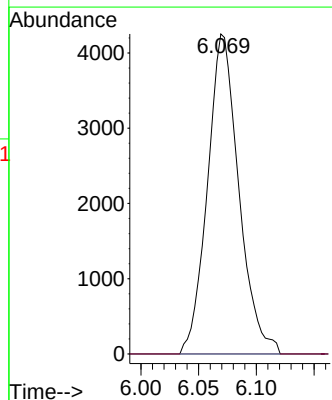
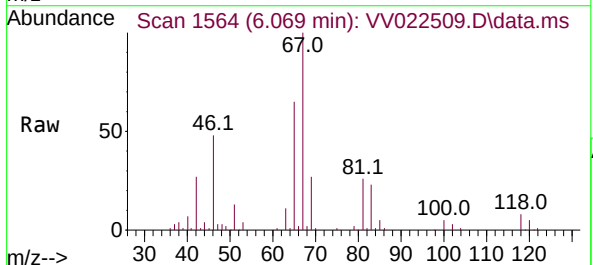
Instrument :
MSVOA_V
ClientSampled :

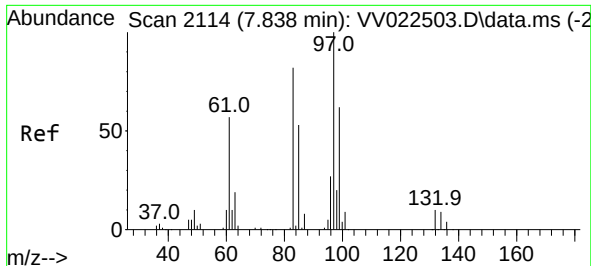
Tgt Ion: 95 Resp: 14191
Ion Ratio Lower Upper
95 100
97 64.1 45.4 84.4
132 103.6 71.5 132.9
130 107.7 75.2 139.6



#37
1,2-Dichloropropane
Concen: 4.744 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022509.D
Acq: 02 Oct 2021 14:32

Tgt Ion: 63 Resp: 8030
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#45

1,1,2-Trichloroethane

Concen: 1.477 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.138 min

Lab File: VV022509.D

Acq: 02 Oct 2021 14:32

Tgt Ion: 97 Resp: 2587

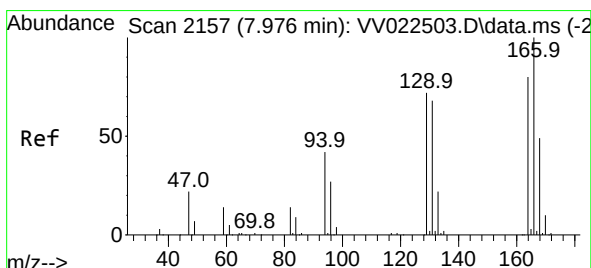
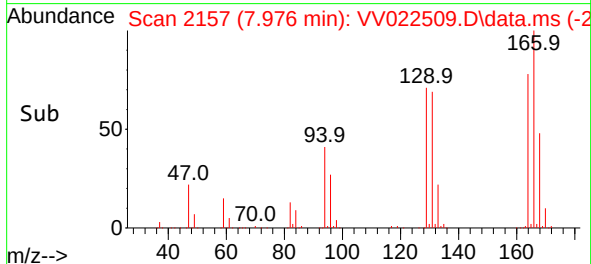
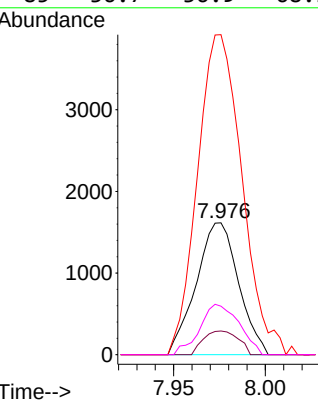
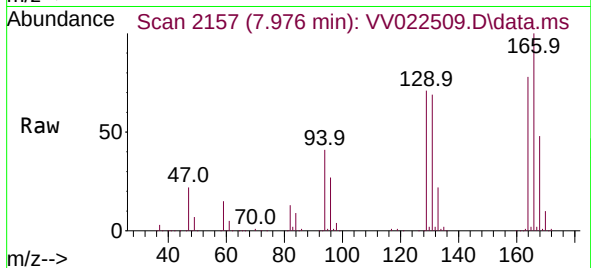
Ion Ratio Lower Upper

97 100

99 17.9 43.1 80.1#

83 242.7 58.6 108.8#

85 36.7 36.9 68.5#



#46

Tetrachloroethene

Concen: 219.213 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV022509.D

Acq: 02 Oct 2021 14:32

Tgt Ion: 164 Resp: 316761

Ion Ratio Lower Upper

164 100

129 90.3 64.6 120.0

131 87.9 59.9 111.3

166 127.9 88.0 163.4

