

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022567.D
 Acq On : 05 Oct 2021 11:47
 Operator : SY/MD
 Sample : M3967-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:26:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

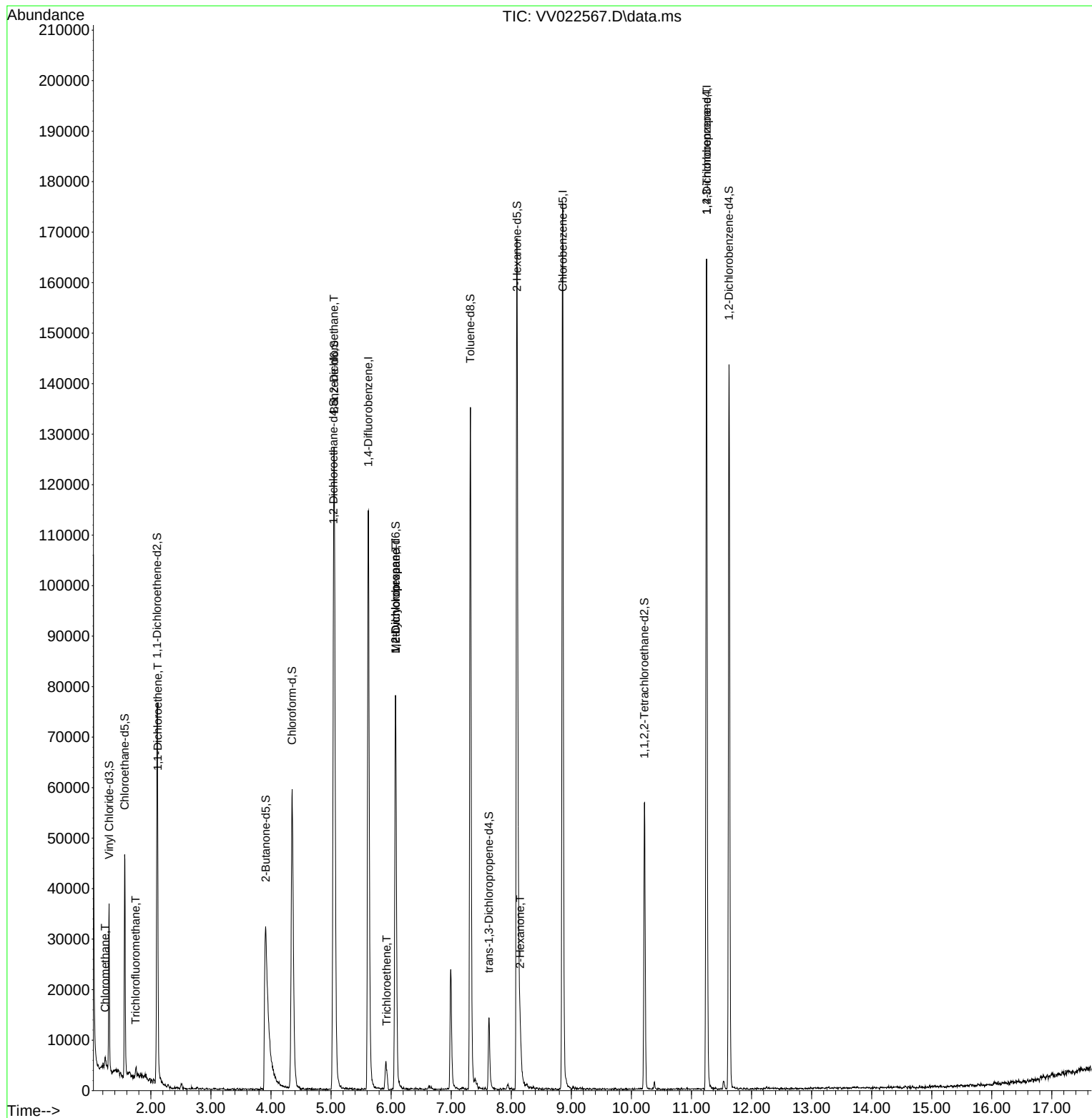
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103280	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	100639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	19019	5.748	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.000%
7) Chloroethane-d5	1.564	69	26888	6.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.600%
11) 1,1-Dichloroethene-d2	2.105	63	37261	3.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.912	46	85808	43.868	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.740%
24) Chloroform-d	4.352	84	59995	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.040	65	29768	4.959	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.053	84	114045	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.075	67	37866	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.320	98	89916	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.628	79	8767	4.140	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.095	63	58070	44.292	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27727	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	39223	5.499	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
3) Chloromethane	1.240	50	1357	0.172	ug/L	96
9) Trichlorofluoromethane	1.748	101	960	0.081	ug/L	85
12) 1,1-Dichloroethene	2.114	96	2277	0.360	ug/L #	1
27) 1,2-Dichloroethane	5.050	62	848	0.118	ug/L #	74
34) Trichloroethene	5.924	95	464	0.059	ug/L	89
35) Methylcyclohexane	6.075	83	9664	0.875	ug/L #	22
37) 1,2-Dichloropropane	6.075	63	4272	0.645	ug/L #	84
48) 2-Hexanone	8.146	43	5886	2.245	ug/L #	87
61) 1,2,3-Trichloropropane	11.252	75	4833	1.414	ug/L #	63

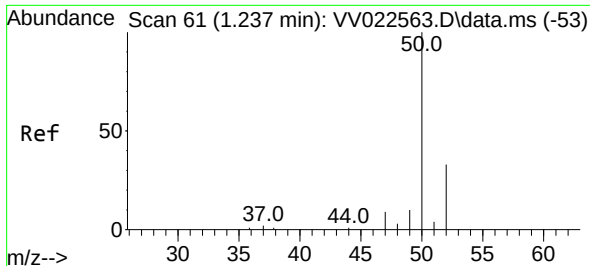
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 06 05:26:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 05:22:36 2021
Response via : Initial Calibration

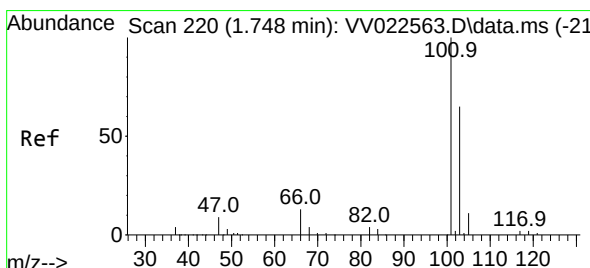
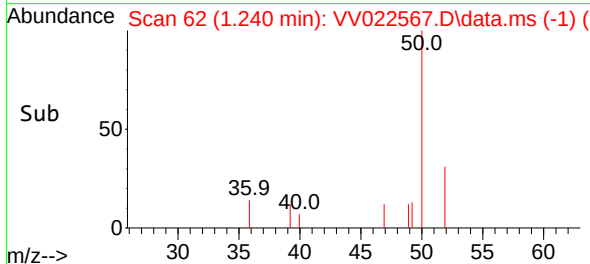
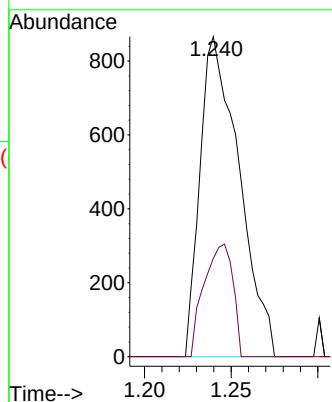
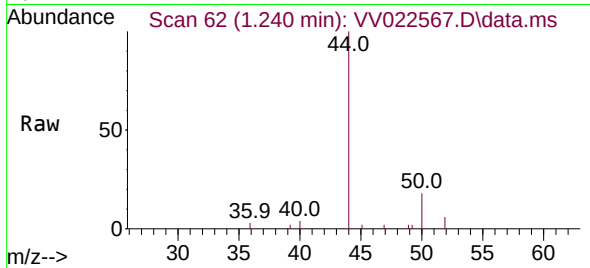




#3
Chloromethane
Concen: 0.172 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV022567.D
Acq: 05 Oct 2021 11:47

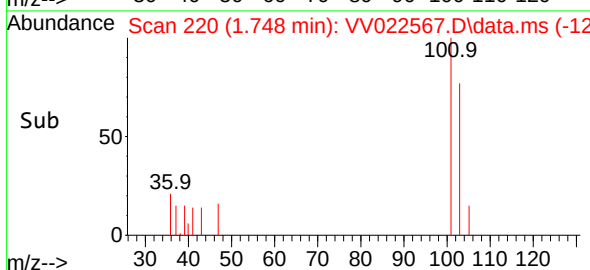
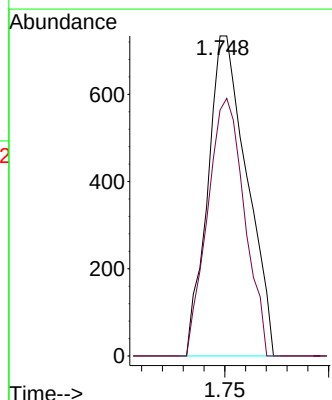
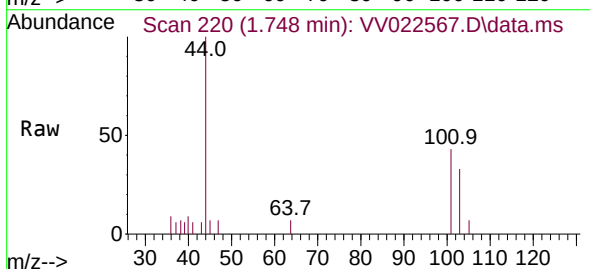
Instrument :
MSVOA_V
ClientSampled :

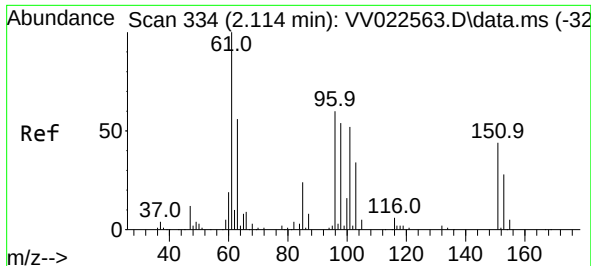
Tgt Ion: 50 Resp: 1357
Ion Ratio Lower Upper
50 100
52 30.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.081 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV022567.D
Acq: 05 Oct 2021 11:47

Tgt Ion: 101 Resp: 960
Ion Ratio Lower Upper
101 100
103 75.8 51.4 77.2

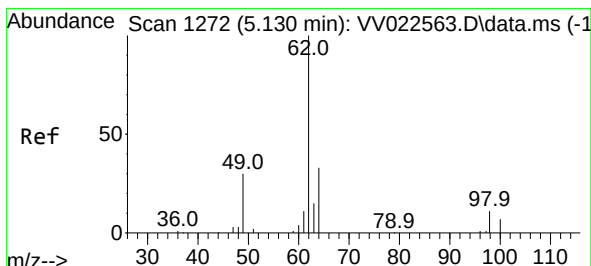
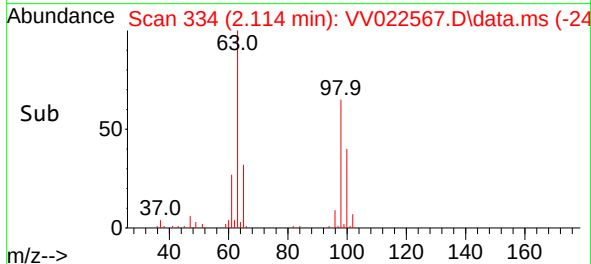
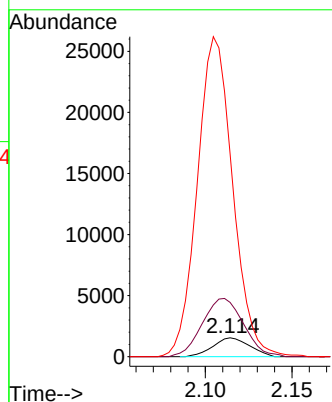
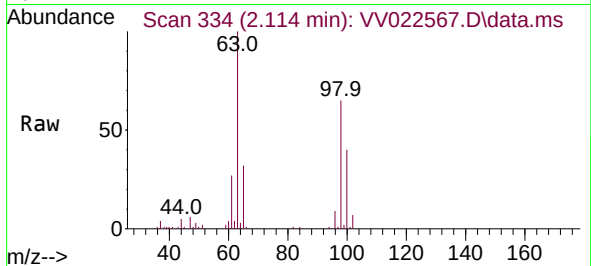




#12
1,1-Dichloroethene
Concen: 0.360 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022567.D
Acq: 05 Oct 2021 11:47

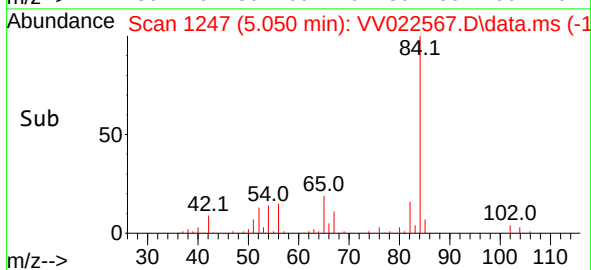
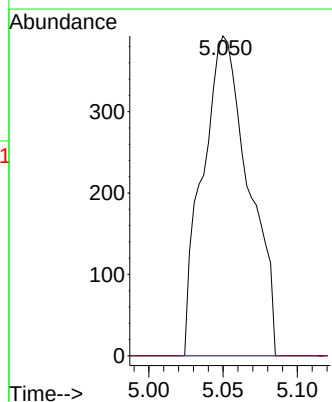
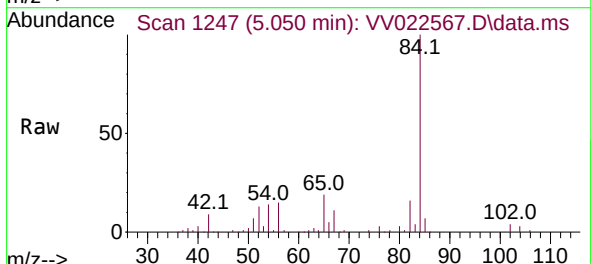
Instrument :
MSVOA_V
ClientSampled :

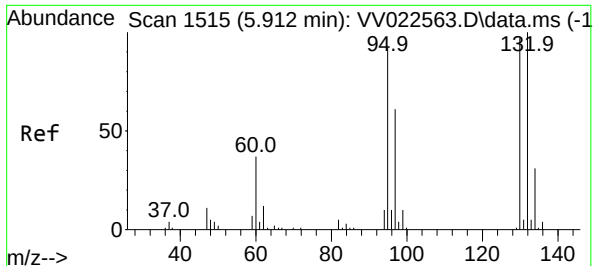
Tgt Ion: 96 Resp: 2277
Ion Ratio Lower Upper
96 100
61 285.8 113.2 210.2#
63 1068.6 66.6 123.8#



#27
1,2-Dichloroethane
Concen: 0.118 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.081 min
Lab File: VV022567.D
Acq: 05 Oct 2021 11:47

Tgt Ion: 62 Resp: 848
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#



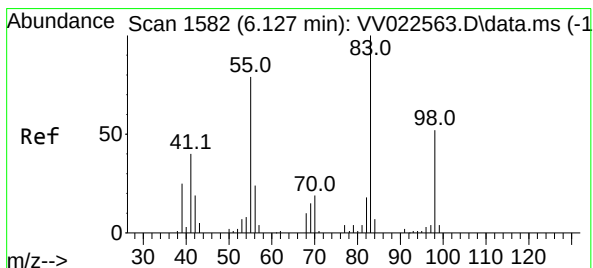
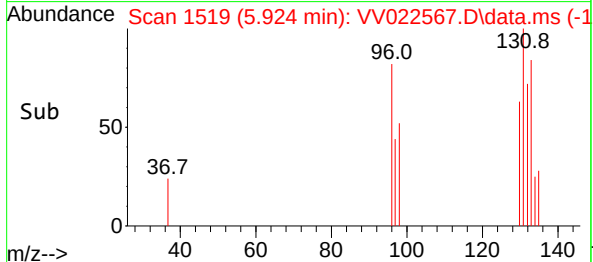
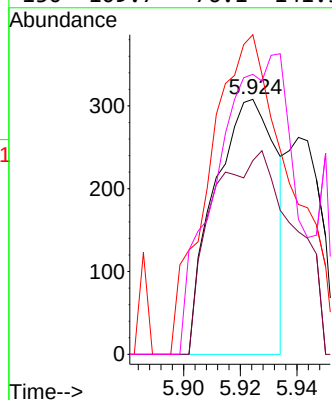
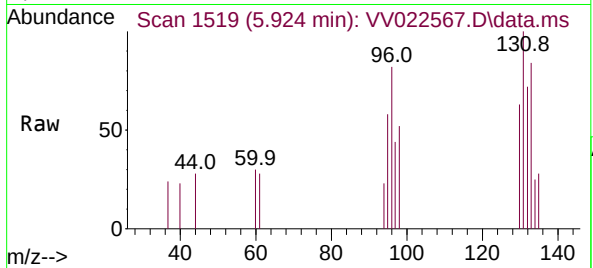


#34
Trichloroethene
Concen: 0.059 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV022567.D
Acq: 05 Oct 2021 11:47

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 464

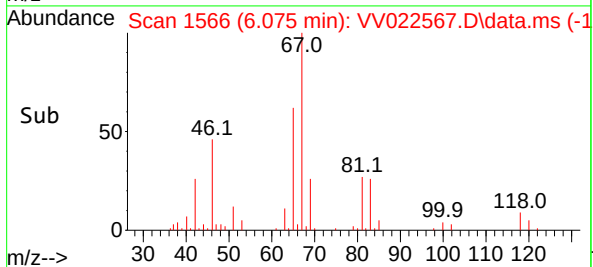
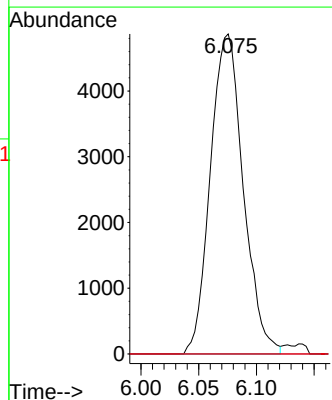
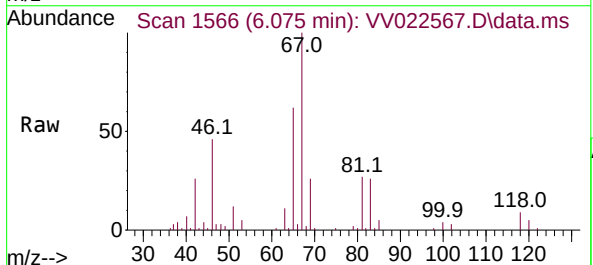
Ion	Ratio	Lower	Upper
95	100		
97	76.0	46.5	86.5
132	125.3	73.0	135.6
130	109.7	76.1	141.3

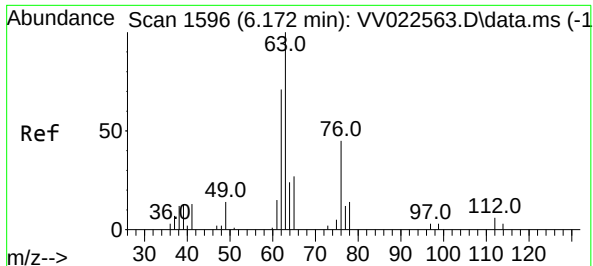


#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.052 min
Lab File: VV022567.D
Acq: 05 Oct 2021 11:47

Tgt Ion: 83 Resp: 9664

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	5.0	39.8	59.8#



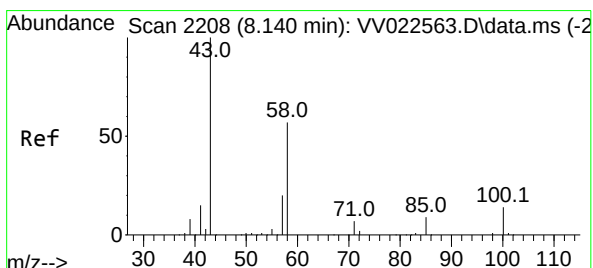
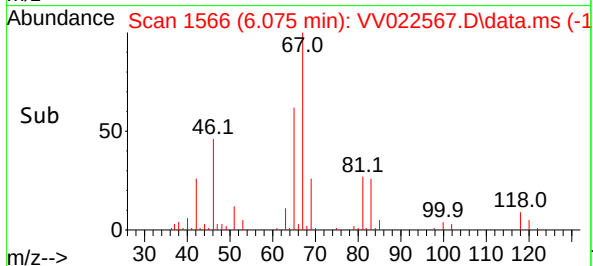
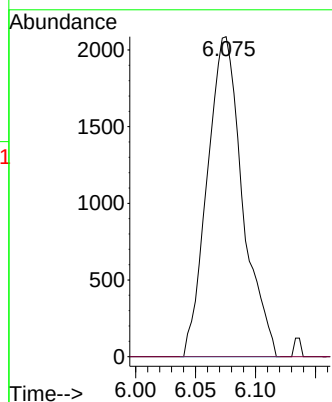
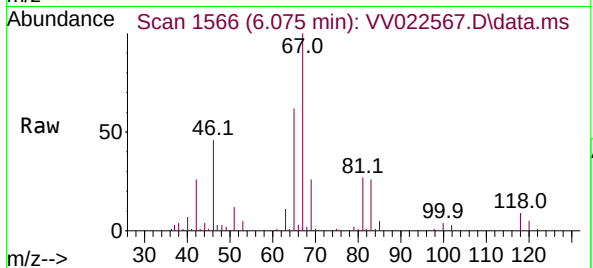


#37

1,2-Dichloropropane
Concen: 0.645 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.097 min
Lab File: VV022567.D
Acq: 05 Oct 2021 11:47

Instrument :
MSVOA_V
ClientSampled :

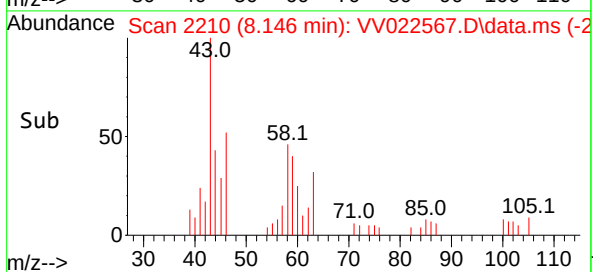
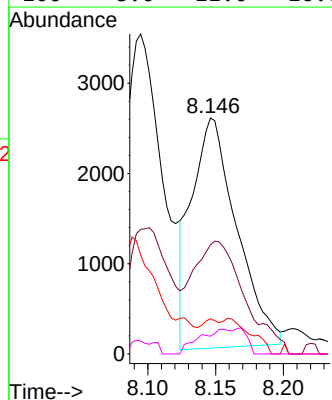
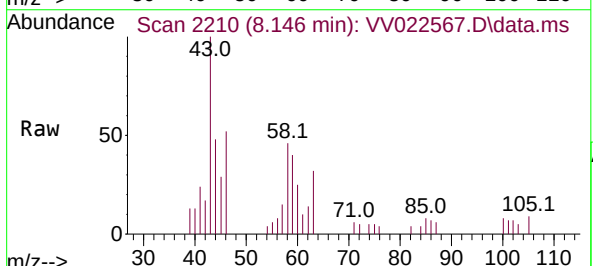
Tgt Ion: 63 Resp: 4272
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

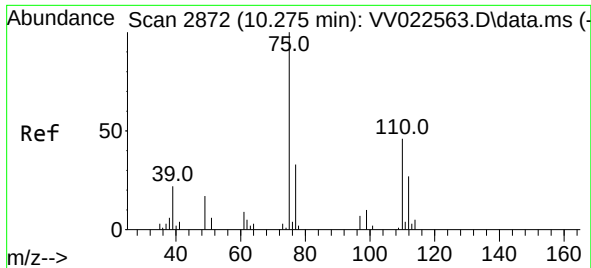


#48

2-Hexanone
Concen: 2.245 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV022567.D
Acq: 05 Oct 2021 11:47

Tgt Ion: 43 Resp: 5886
Ion Ratio Lower Upper
43 100
58 57.3 46.4 69.6
57 0.0 16.3 24.5#
100 8.0 11.0 16.6#





#61
1,2,3-Trichloropropane
Concen: 1.414 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022567.D
Acq: 05 Oct 2021 11:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4833
Ion Ratio Lower Upper
75 100
77 36.7 26.1 39.1
110 3.7 33.0 49.6#

