

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024116.D
 Acq On : 20 Dec 2021 02:36
 Operator : SY/MD
 Sample : M5148-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:21:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	88213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	93787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18492	3.899	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.568	69	17299	4.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.108	63	30894	3.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.918	46	26603	28.714	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.420%
24) Chloroform-d	4.352	84	47214	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.034	65	23796	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.050	84	84313	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.072	67	26111	4.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.317	98	75219	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.625	79	8753	3.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.092	63	31252	30.027	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18263	3.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	30118	4.767	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	515	0.079	ug/L	85
5) Vinyl chloride	1.310	62	1263	0.178	ug/L #	79
12) 1,1-Dichloroethene	2.118	96	3745	0.633	ug/L #	1
13) Acetone	2.208	43	6109	8.242	ug/L	60
15) Methyl Acetate	2.208	43	6109	3.400	ug/L #	50
17) Methyl tert-butyl Ether	2.767	73	1666	0.124	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	557	0.085	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	26893	3.878	ug/L	94
30) Cyclohexane	4.677	56	5478	0.563	ug/L	97
34) Trichloroethene	5.912	95	804422	107.490	ug/L	98
35) Methylcyclohexane	6.072	83	6954	0.631	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3353	0.532	ug/L #	88
42) Toluene	7.397	91	2004	0.067	ug/L	97
47) Tetrachloroethene	7.976	164	858	0.130	ug/L	93
48) 2-Hexanone	8.149	43	3325	1.514	ug/L #	68
49) Dibromochloromethane	7.982	129	614	0.097	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	4830	1.499	ug/L #	59

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024116.D
Acq On : 20 Dec 2021 02:36
Operator : SY/MD
Sample : M5148-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

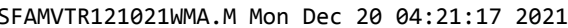
Instrument :
MSVOA_V
ClientSampleId :

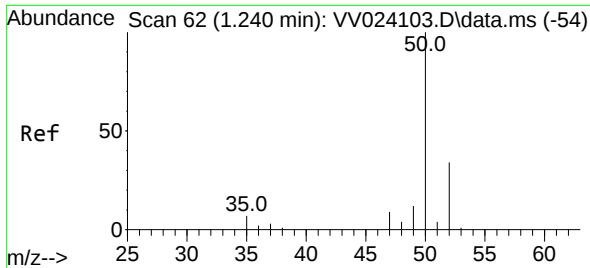
Quant Time: Dec 20 04:21:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 04:04:22 2021
Response via : Initial Calibration

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

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

Quant Time: Dec 20 04:21:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 04:04:22 2021
Response via : Initial Calibration

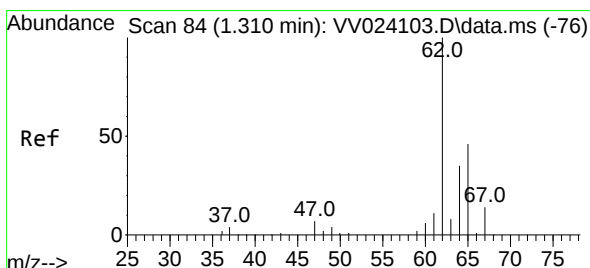
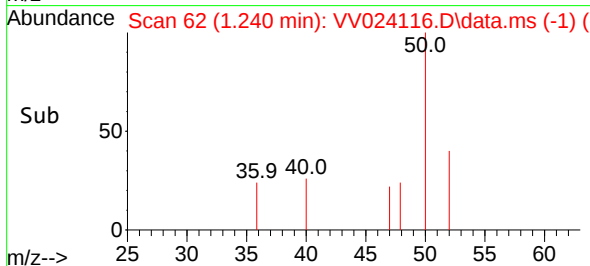
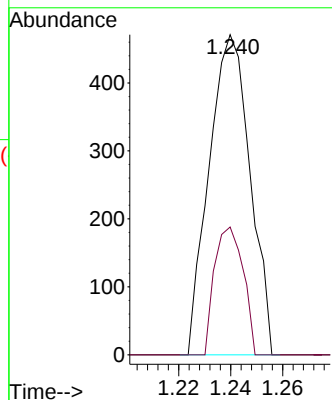
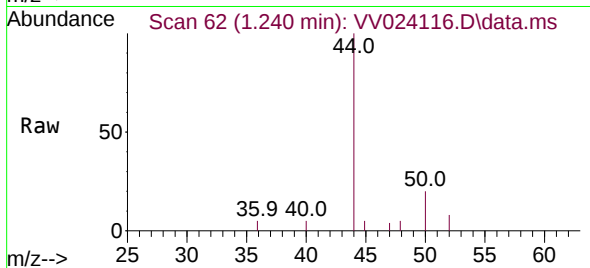




#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

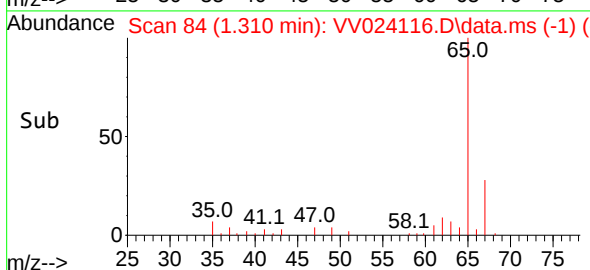
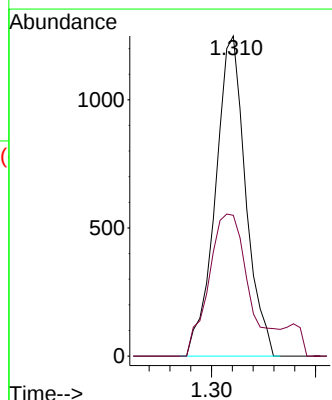
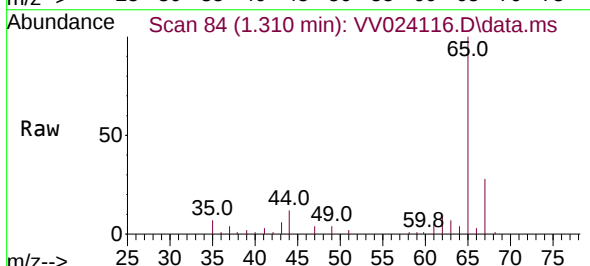
Instrument :
MSVOA_V
ClientSampleId :

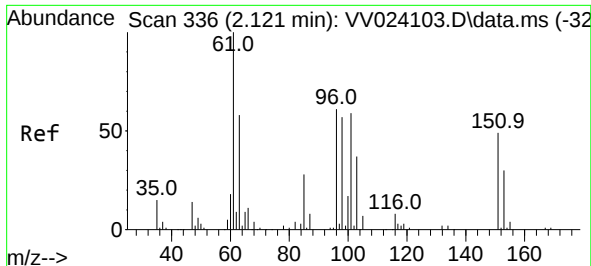
Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 39.9 22.0 41.0



#5
Vinyl chloride
Concen: 0.178 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

Tgt Ion: 62 Resp: 1263
Ion Ratio Lower Upper
62 100
64 44.0 22.4 41.6#





#12

1,1-Dichloroethene

Concen: 0.633 ug/L

RT: 2.118 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024116.D

Acq: 20 Dec 2021 02:36

Instrument :

MSVOA_V

ClientSampleId :

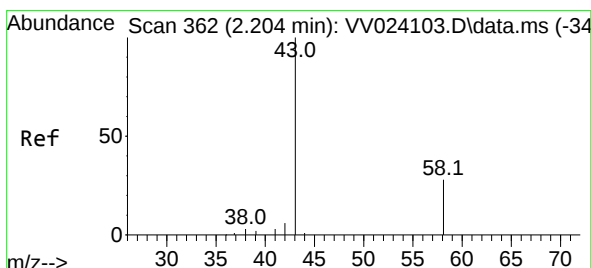
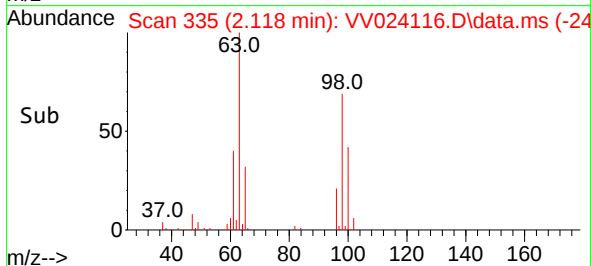
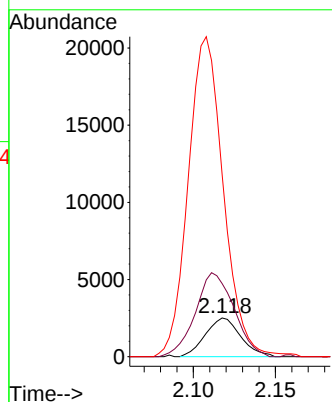
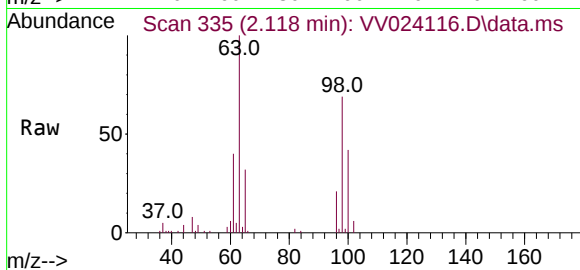
Tgt Ion: 96 Resp: 3745

Ion Ratio Lower Upper

96 100

61 188.9 116.1 215.5

63 471.2 79.4 147.4#



#13

Acetone

Concen: 8.242 ug/L

RT: 2.208 min Scan# 363

Delta R.T. 0.003 min

Lab File: VV024116.D

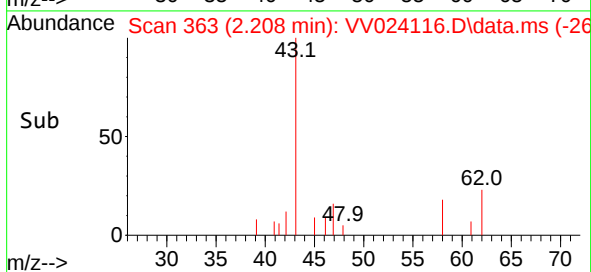
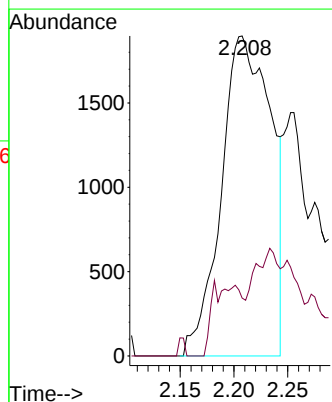
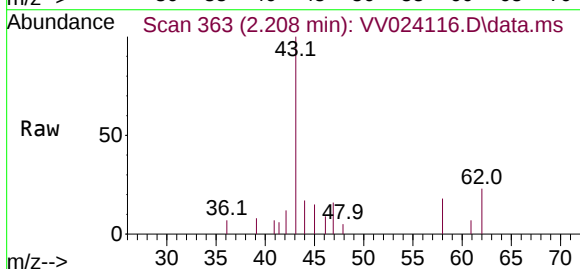
Acq: 20 Dec 2021 02:36

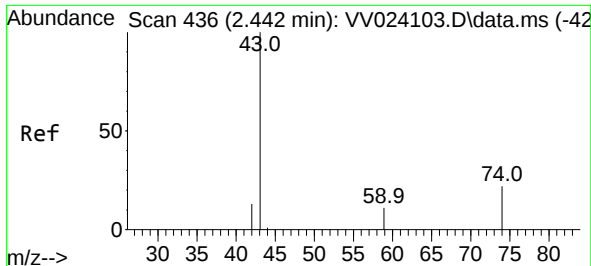
Tgt Ion: 43 Resp: 6109

Ion Ratio Lower Upper

43 100

58 2.2 0.0 41.4

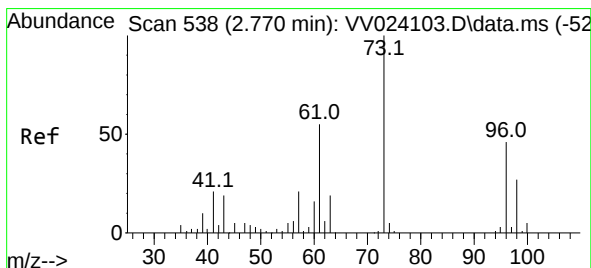
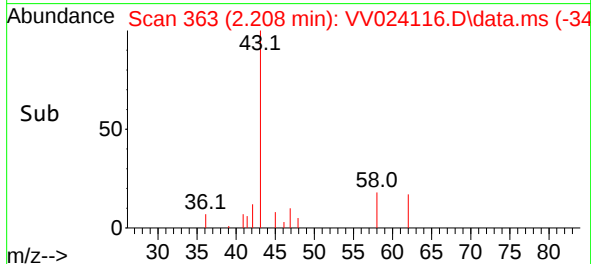
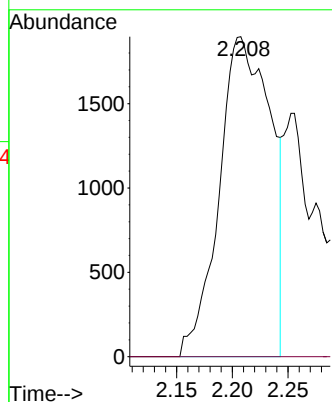
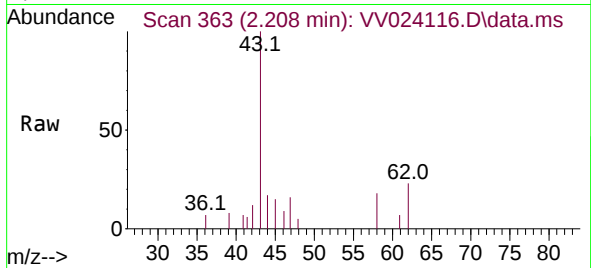




#15
Methyl Acetate
Concen: 3.400 ug/L
RT: 2.208 min Scan# 31
Delta R.T. -0.235 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

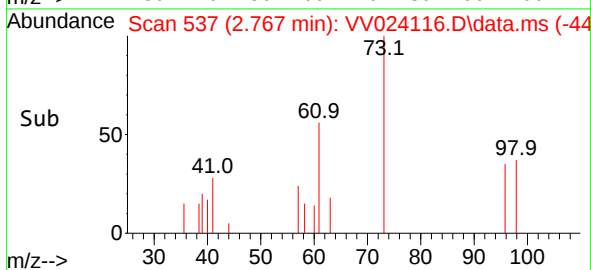
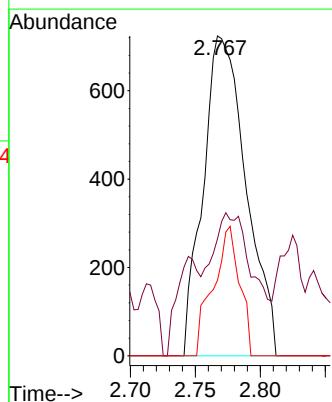
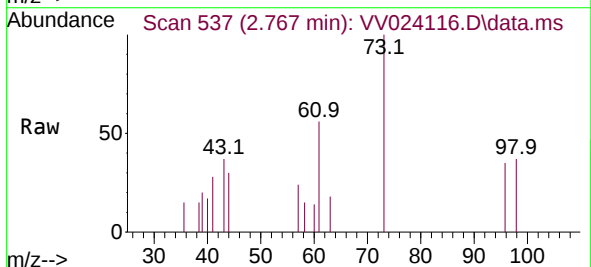
Instrument :
MSVOA_V
ClientSampleId :

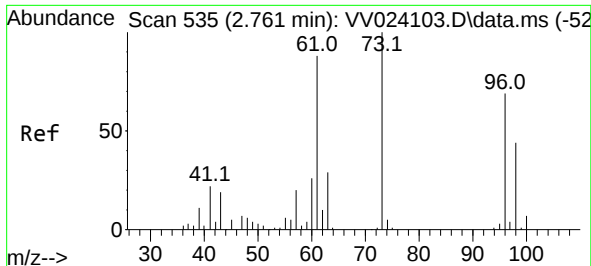
Tgt Ion: 43 Resp: 6109
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#17
Methyl tert-butyl Ether
Concen: 0.124 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

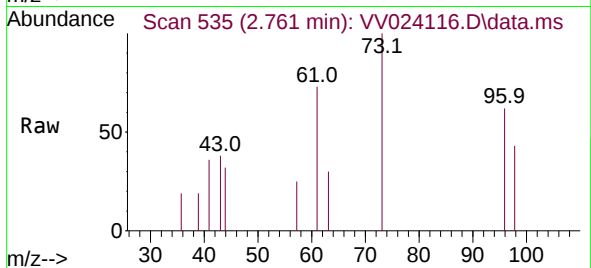
Tgt Ion: 73 Resp: 1666
Ion Ratio Lower Upper
73 100
43 20.8 15.5 23.3
57 24.9 17.1 25.7



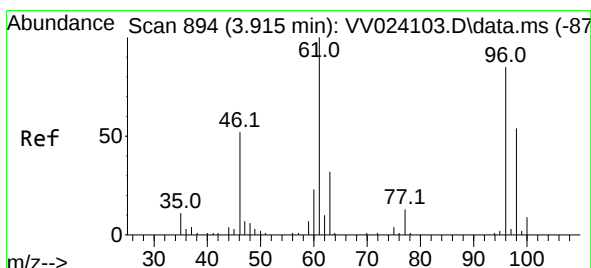
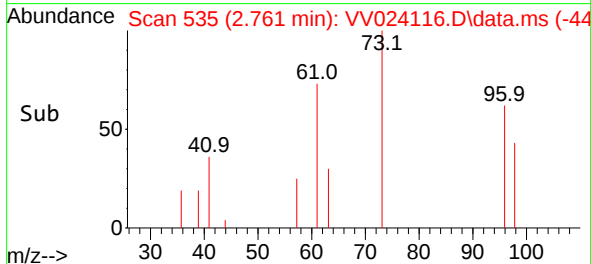
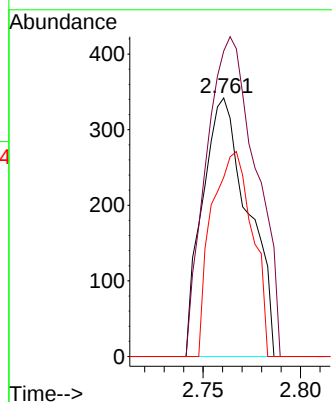


#18
trans-1,2-Dichloroethene
Concen: 0.085 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

Instrument :
MSVOA_V
ClientSampleId :

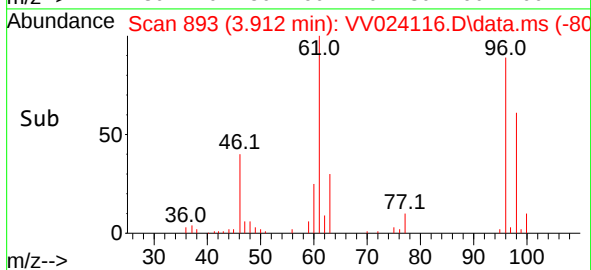
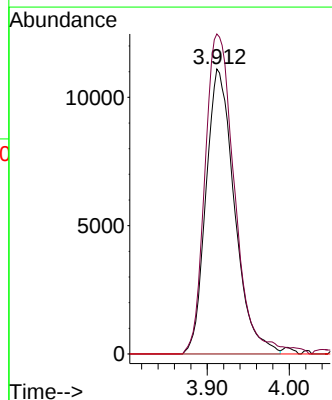
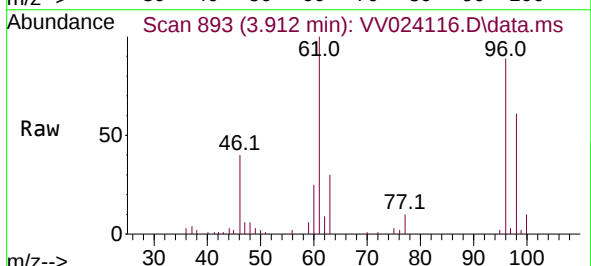


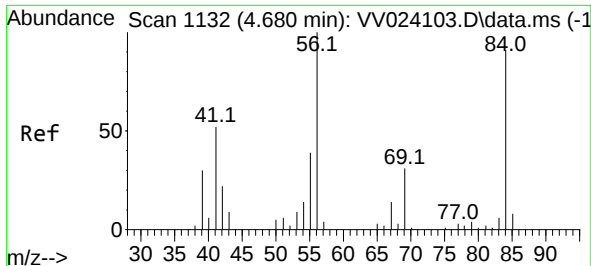
Tgt Ion:	96	Resp:	557
Ion	Ratio	Lower	Upper
96	100		
61	118.1	88.2	163.8
98	69.3	44.9	83.5



#22
cis-1,2-Dichloroethene
Concen: 3.878 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

Tgt Ion:	96	Resp:	26893
Ion	Ratio	Lower	Upper
96	100		
61	112.3	83.4	154.8
68	0.0	0.0	0.0

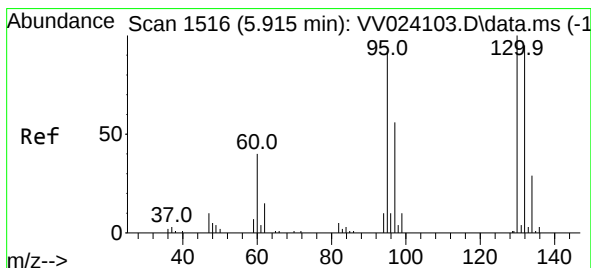
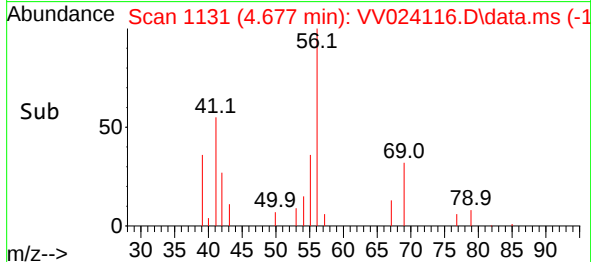
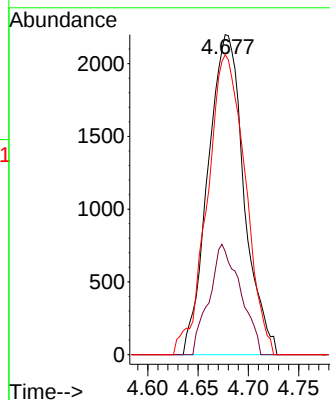
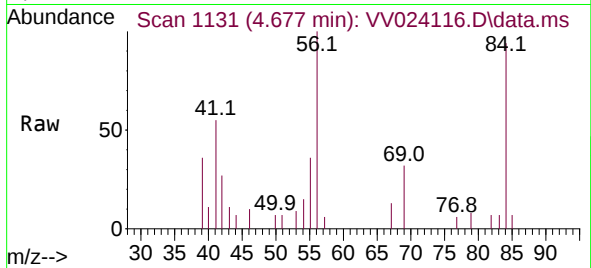




#30
Cyclohexane
Concen: 0.563 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

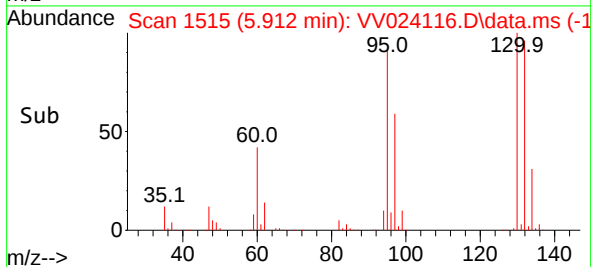
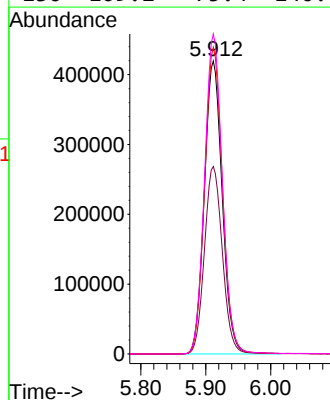
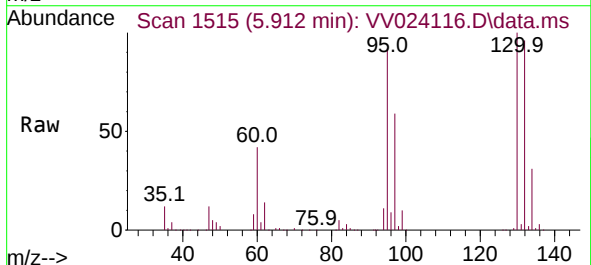
Instrument :
MSVOA_V
ClientSampleId :

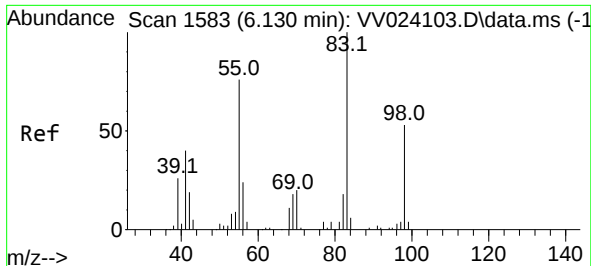
Tgt Ion: 56 Resp: 5478
Ion Ratio Lower Upper
56 100
69 29.9 24.8 37.2
84 98.3 75.9 113.9



#34
Trichloroethene
Concen: 107.490 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

Tgt Ion: 95 Resp: 804422
Ion Ratio Lower Upper
95 100
97 64.0 45.2 84.0
132 104.7 76.1 141.3
130 109.2 75.4 140.0

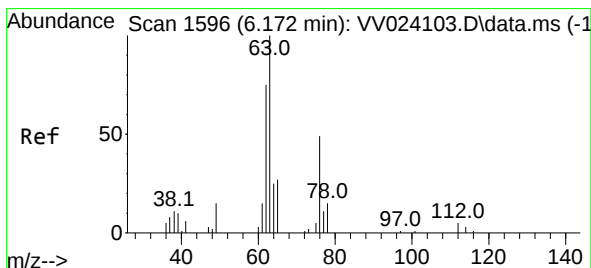
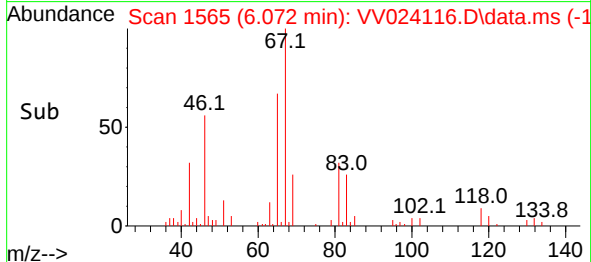
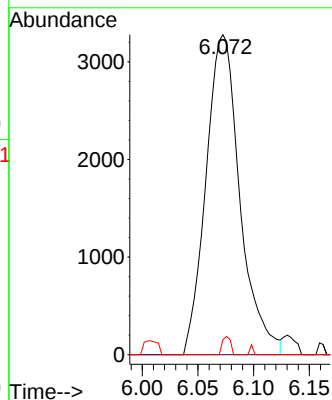
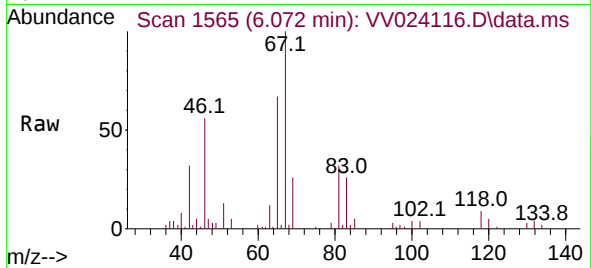




#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

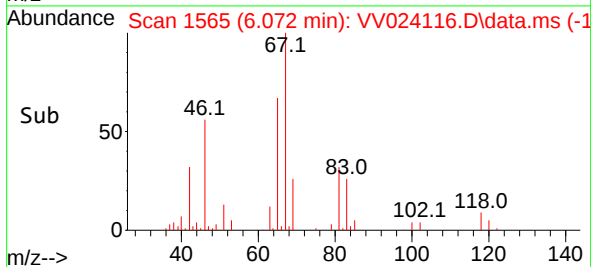
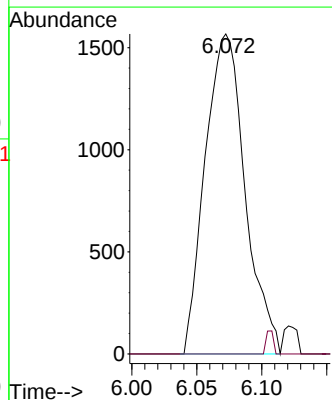
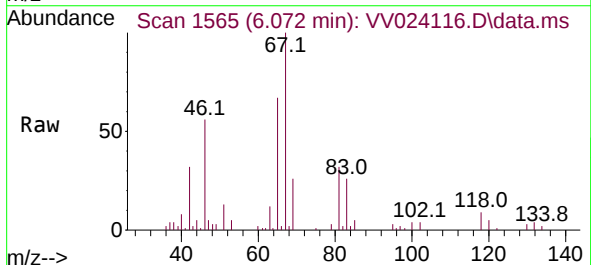
Instrument :
MSVOA_V
ClientSampleId :

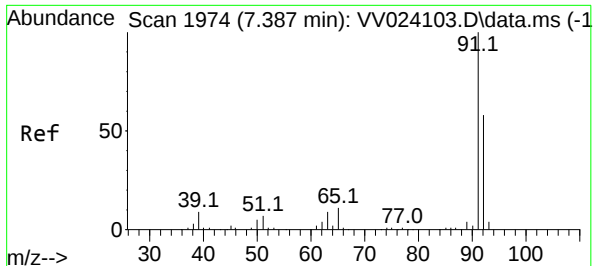
Tgt Ion: 83 Resp: 6954
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.0 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

Tgt Ion: 63 Resp: 3353
Ion Ratio Lower Upper
63 100
112 1.3 4.3 6.5#





#42

Toluene

Concen: 0.067 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV024116.D

Acq: 20 Dec 2021 02:36

Instrument :

MSVOA_V

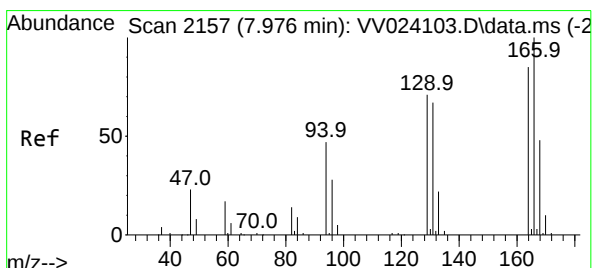
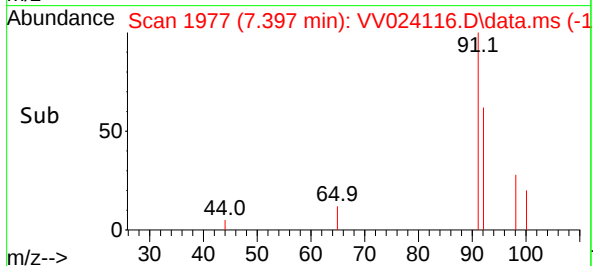
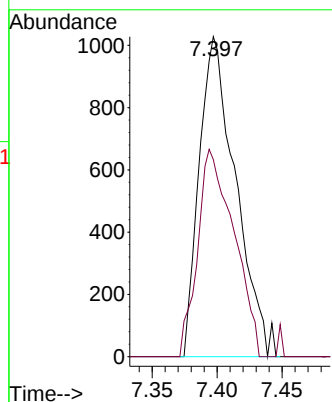
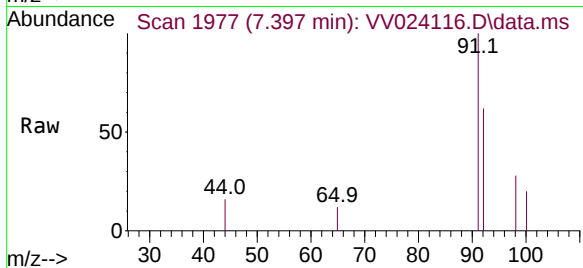
ClientSampleId :

Tgt Ion: 91 Resp: 2004

Ion Ratio Lower Upper

91 100

92 61.6 41.5 77.1



#47

Tetrachloroethene

Concen: 0.130 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024116.D

Acq: 20 Dec 2021 02:36

Tgt Ion:164 Resp: 858

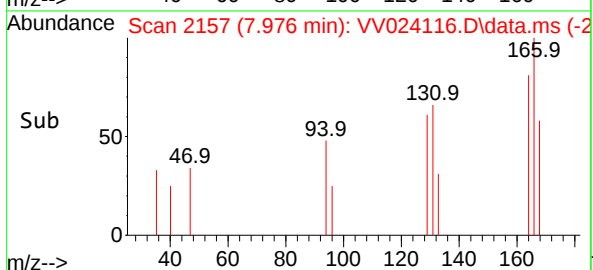
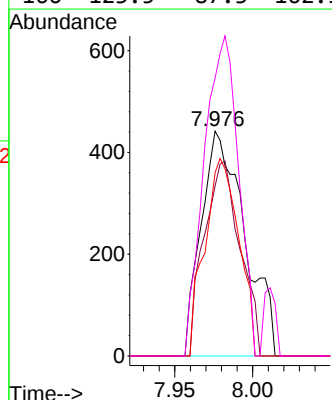
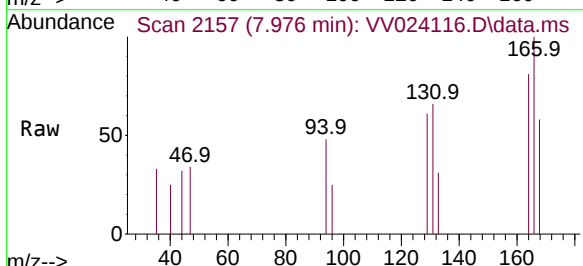
Ion Ratio Lower Upper

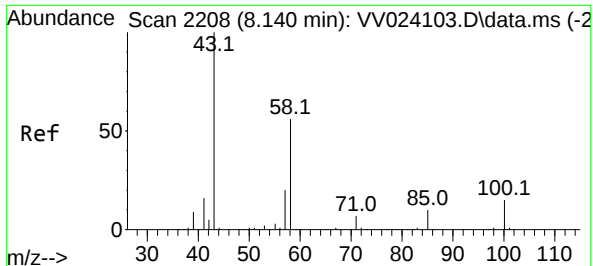
164 100

129 75.6 62.6 116.2

131 81.4 61.0 113.4

166 123.5 87.3 162.1

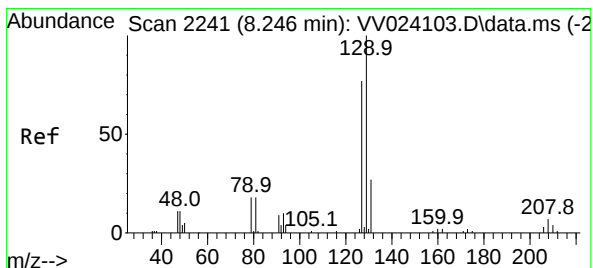
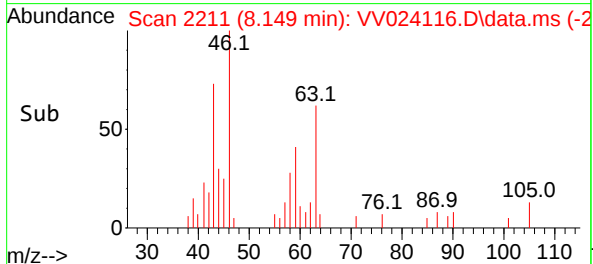
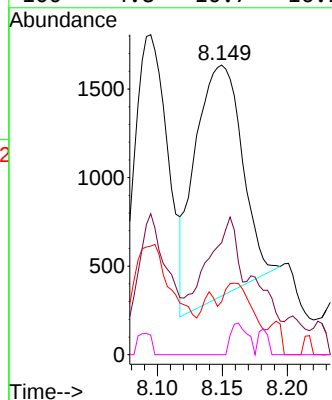
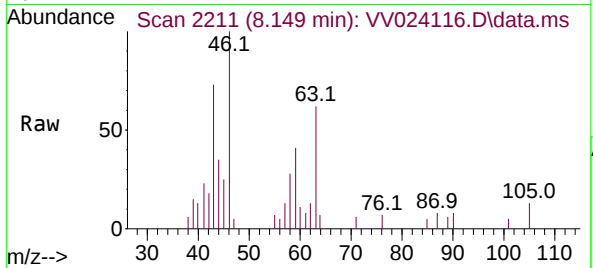




#48
2-Hexanone
Concen: 1.514 ug/L
RT: 8.149 min Scan# 2119
Delta R.T. 0.010 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

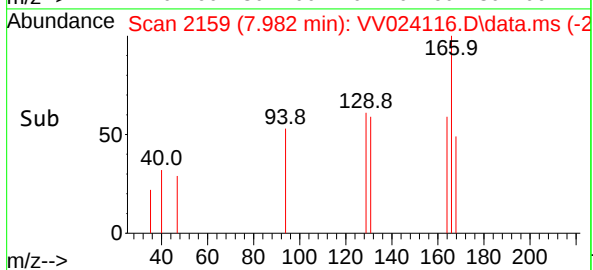
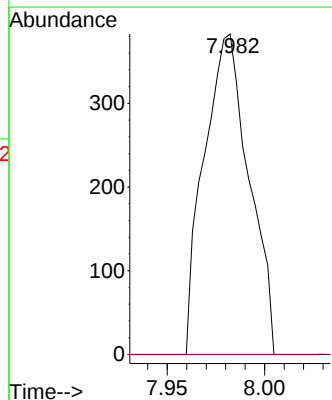
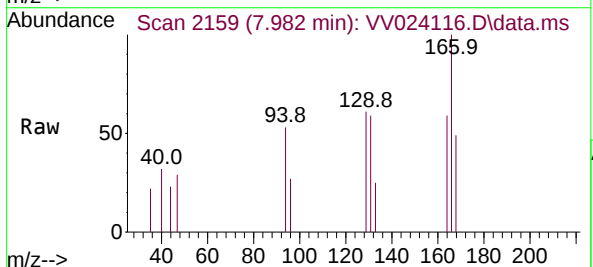
Instrument :
MSVOA_V
ClientSampleId :

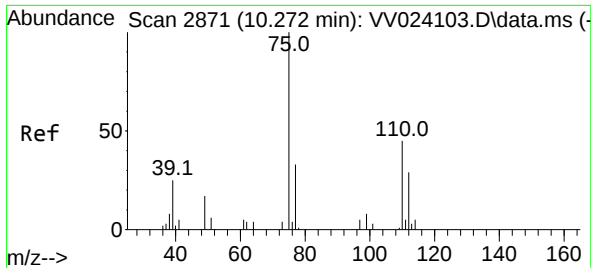
Tgt Ion: 43 Resp: 3325
Ion Ratio Lower Upper
43 100
58 23.0 44.5 66.7#
57 19.7 15.1 22.7
100 4.8 10.7 16.1#



#49
Dibromochloromethane
Concen: 0.097 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

Tgt Ion: 129 Resp: 614
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.499 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

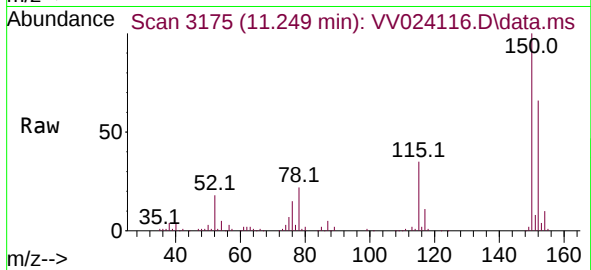
Lab File: VV024116.D

Acq: 20 Dec 2021 02:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4830

Ion Ratio Lower Upper

75 100

77 39.4 26.4 39.6

110 2.3 34.2 51.2#

