

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023460.D
 Acq On : 12 Nov 2021 22:49
 Operator : SY/MD
 Sample : M4616-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 01:59:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117661	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	115687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52262	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49826	6.760	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.200%#
7) Chloroethane-d5	1.568	69	35936	5.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.600%
11) 1,1-Dichloroethene-d2	2.108	63	64914	4.704	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	3.892	46	81804	64.418	ug/L	-0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.840%
24) Chloroform-d	4.349	84	80698	5.137	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.034	65	40965	5.799	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	5.053	84	161885	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.069	67	48863	5.592	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.800%
41) Toluene-d8	7.316	98	139469	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.625	79	16686	5.036	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.091	63	52267	42.876	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30408	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	50241	5.773	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.400%

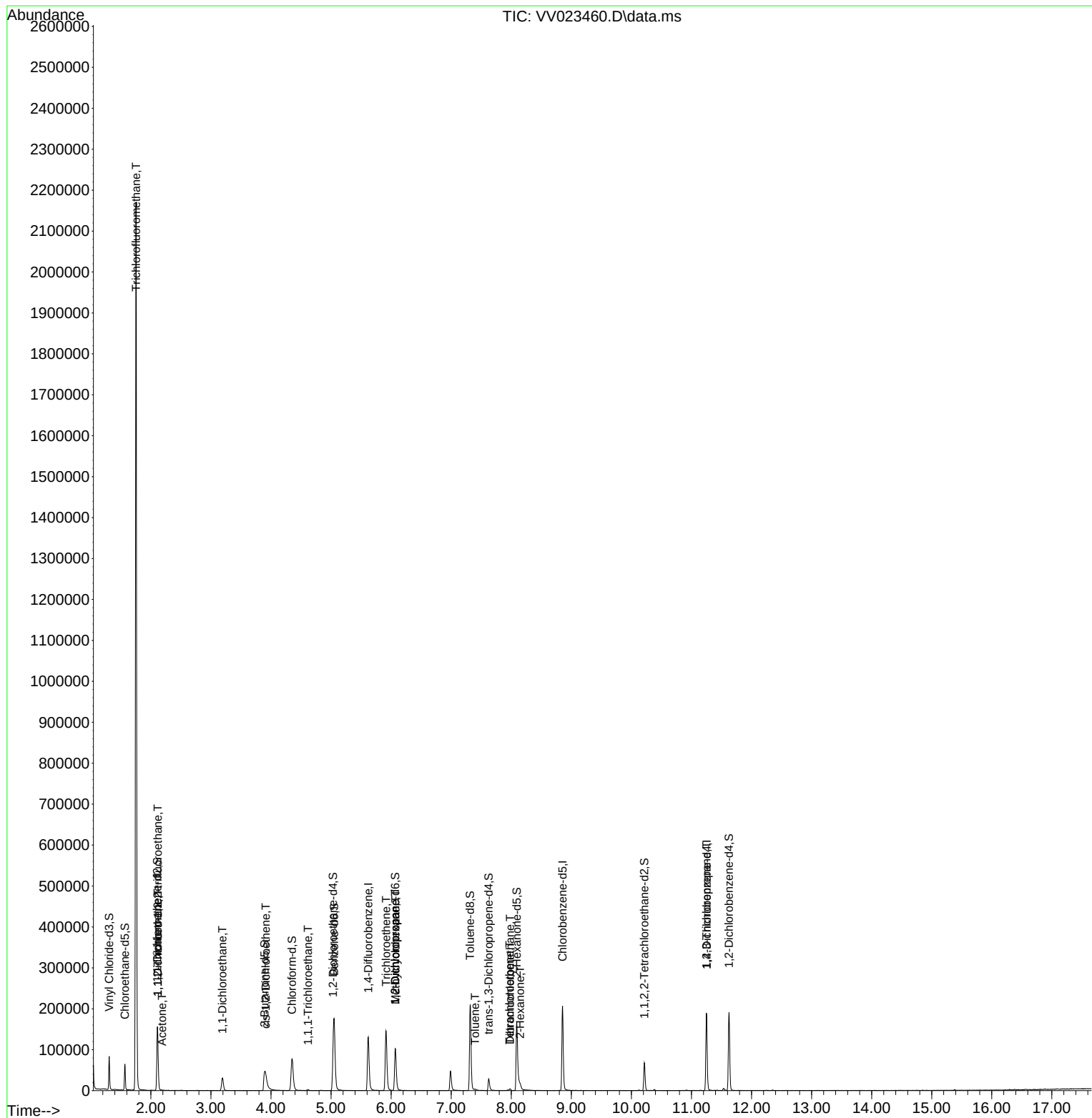
Target Compounds				Qvalue		
9) Trichlorofluoromethane	1.754	101	1206490	82.421	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	12438	1.688	ug/L	98
12) 1,1-Dichloroethene	2.117	96	3660	0.522	ug/L #	1
13) Acetone	2.185	43	1377	1.775	ug/L	79
19) 1,1-Dichloroethane	3.191	63	30774	2.113	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	6847	0.825	ug/L #	86
29) 1,1,1-Trichloroethane	4.616	97	2137	0.152	ug/L #	58
34) Trichloroethene	5.915	95	49645	5.774	ug/L	97
35) Methylcyclohexane	6.072	83	12004	0.884	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5456	0.723	ug/L #	83
42) Toluene	7.397	91	2155	0.062	ug/L	82
47) Tetrachloroethene	7.976	164	917	0.123	ug/L	84
48) 2-Hexanone	8.146	43	9356	3.814	ug/L #	86
49) Dibromochloromethane	7.982	129	887	0.129	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5621	1.619	ug/L #	67

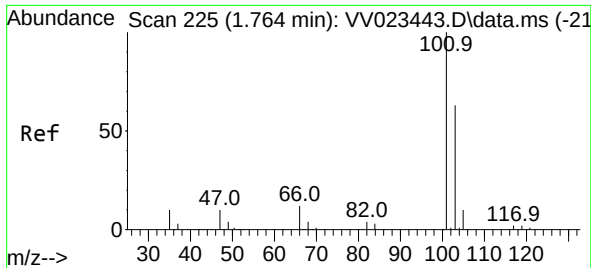
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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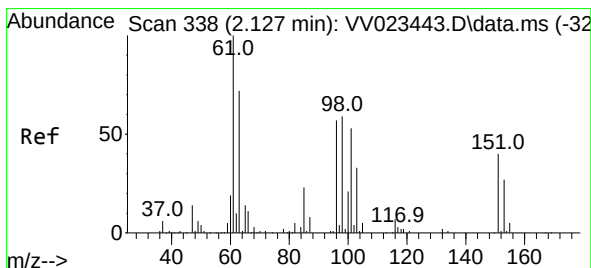
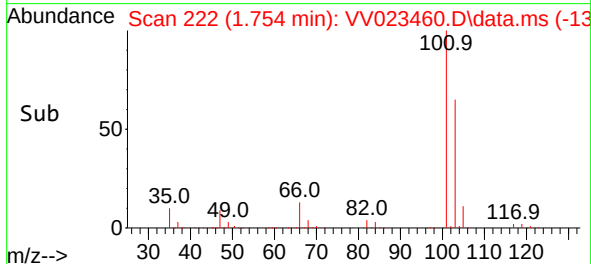
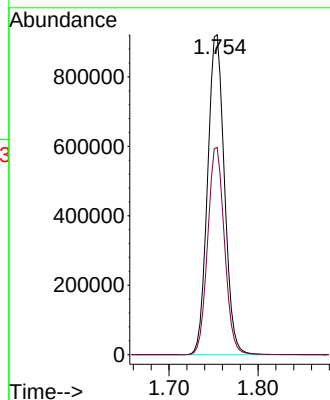
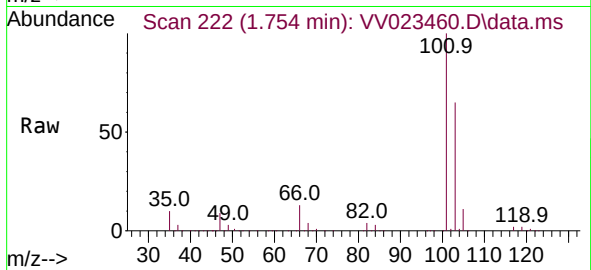




#9
Trichlorofluoromethane
Concen: 82.421 ug/L
RT: 1.754 min Scan# 21
Delta R.T. -0.010 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

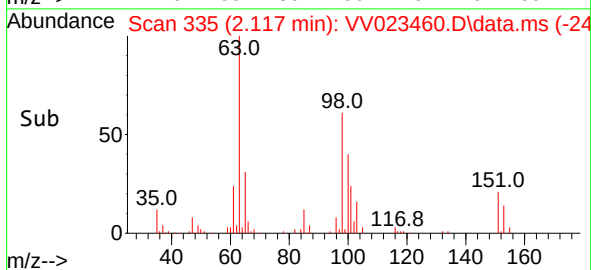
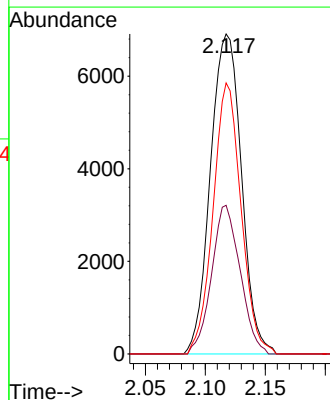
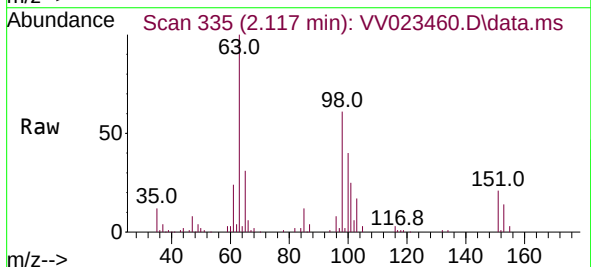
Instrument :
MSVOA_V
ClientSampleId :

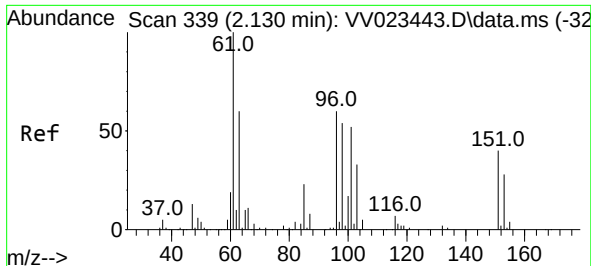
Tgt Ion:101 Resp: 1206490
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.688 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.010 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

Tgt Ion:101 Resp: 12438
Ion Ratio Lower Upper
101 100
85 42.8 35.3 52.9
151 76.4 62.2 93.2





#12

1,1-Dichloroethene

Concen: 0.522 ug/L

RT: 2.117 min Scan# 311

Delta R.T. -0.013 min

Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

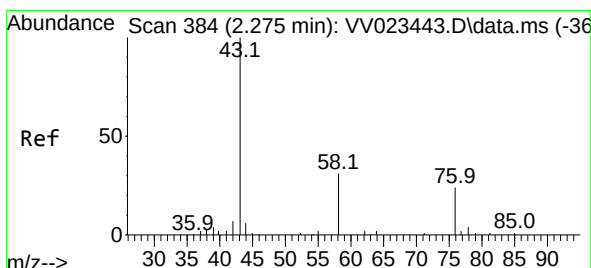
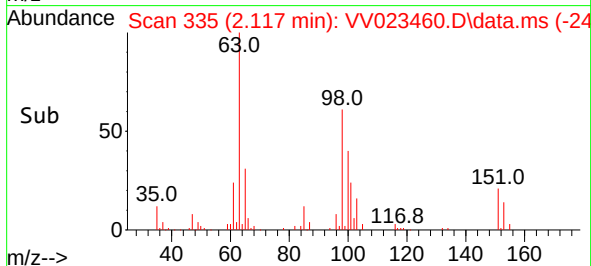
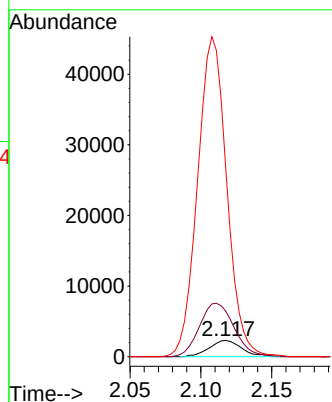
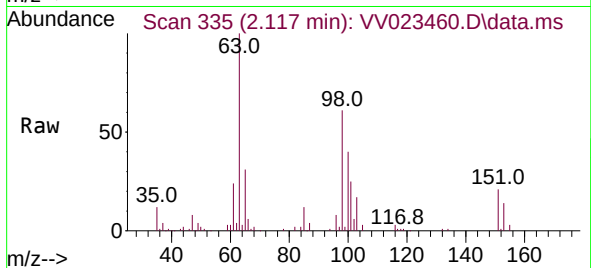
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 3660

Ion	Ratio	Lower	Upper
96	100		
61	281.2	121.5	225.7#
63	1178.0	99.6	185.0#



#13

Acetone

Concen: 1.775 ug/L

RT: 2.185 min Scan# 356

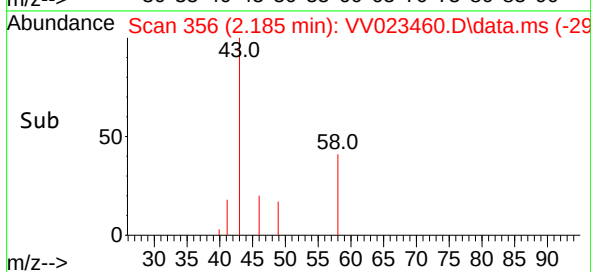
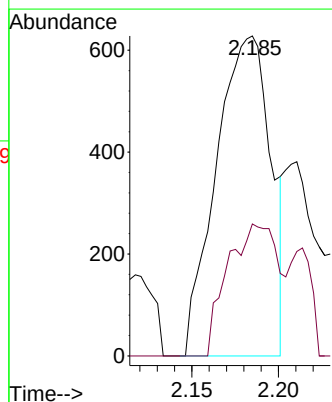
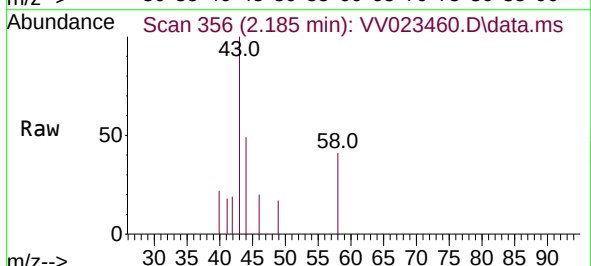
Delta R.T. -0.090 min

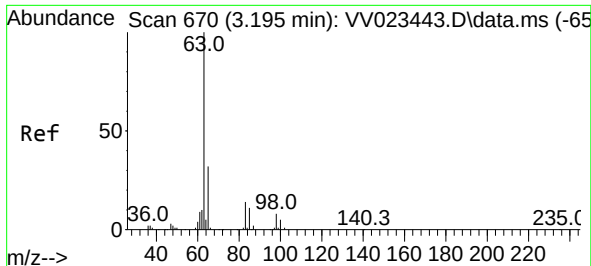
Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

Tgt Ion: 43 Resp: 1377

Ion	Ratio	Lower	Upper
43	100		
58	38.6	0.0	55.4





#19

1,1-Dichloroethane

Concen: 2.113 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.003 min

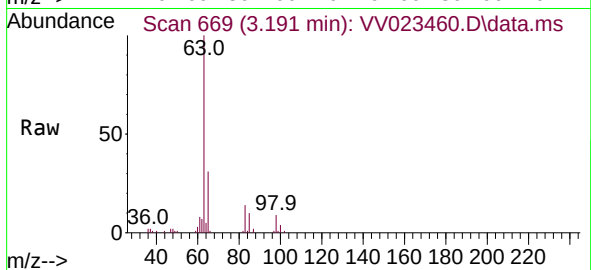
Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

Instrument :

MSVOA_V

ClientSampleId :



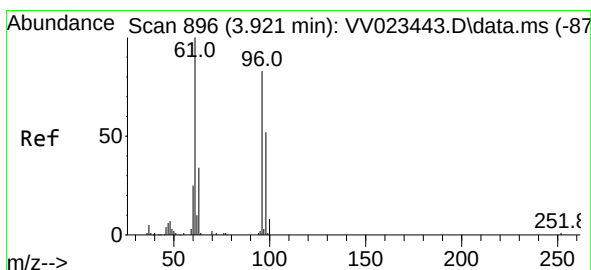
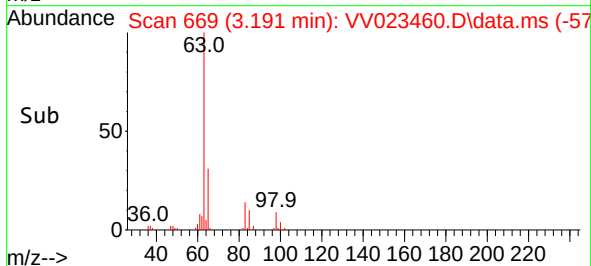
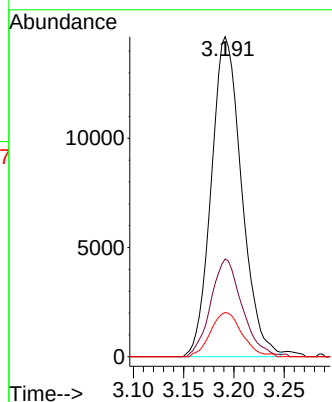
Tgt Ion: 63 Resp: 30774

Ion Ratio Lower Upper

63 100

65 30.6 22.6 42.0

83 13.8 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 0.825 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.010 min

Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

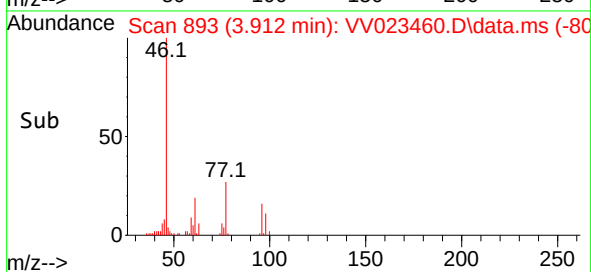
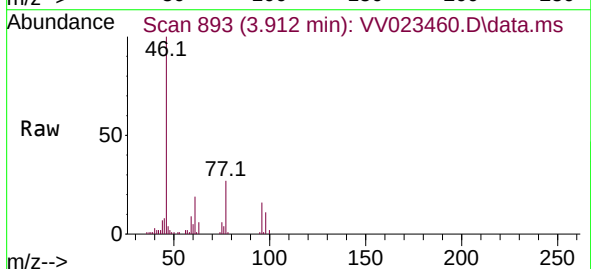
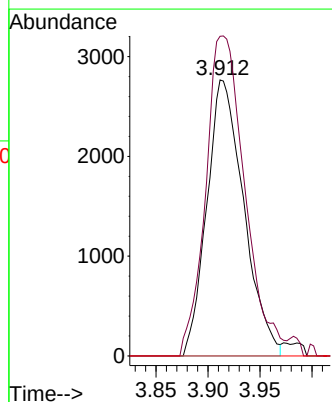
Tgt Ion: 96 Resp: 6847

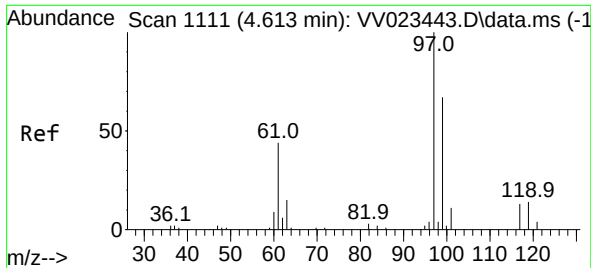
Ion Ratio Lower Upper

96 100

61 115.8 92.3 171.3

68 0.0 0.4 0.8#





#29

1,1,1-Trichloroethane

Concen: 0.152 ug/L

RT: 4.616 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

Instrument :

MSVOA_V

ClientSampleId :

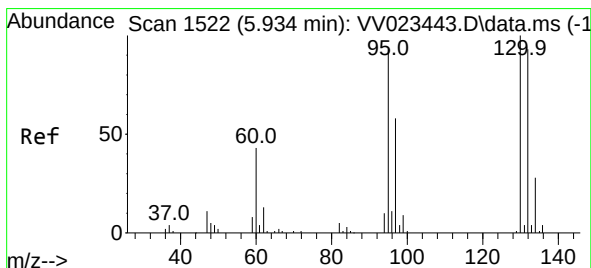
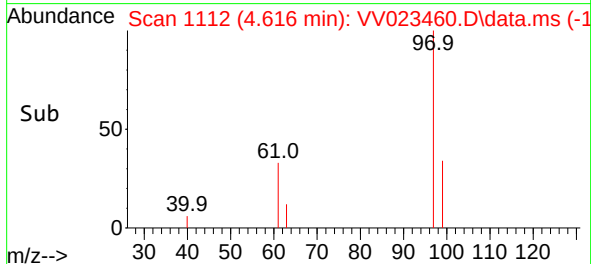
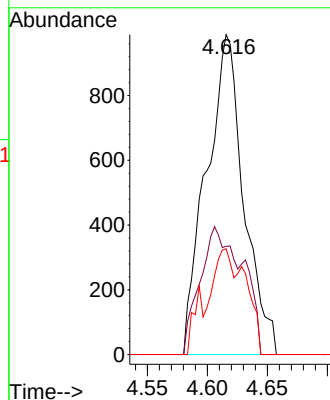
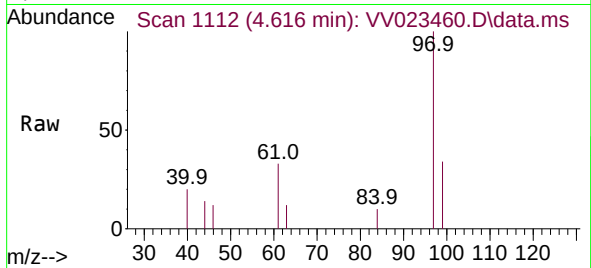
Tgt Ion: 97 Resp: 2137

Ion Ratio Lower Upper

97 100

99 35.1 51.0 76.4#

61 10.9 34.1 51.1#



#34

Trichloroethene

Concen: 5.774 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.019 min

Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

Tgt Ion: 95 Resp: 49645

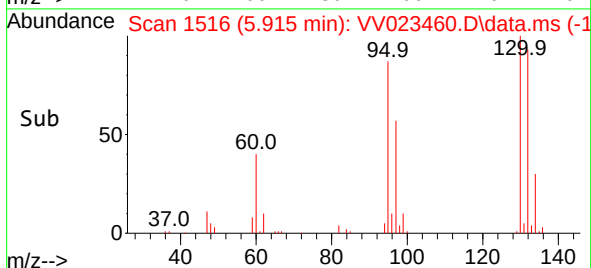
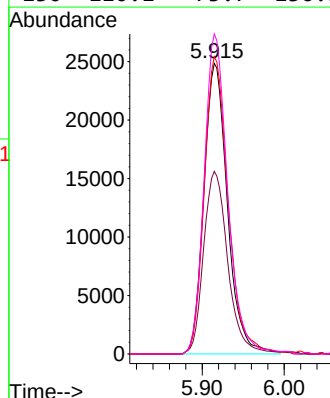
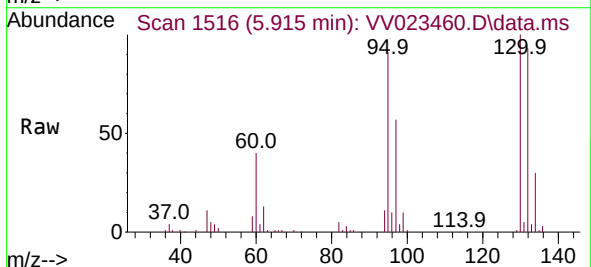
Ion Ratio Lower Upper

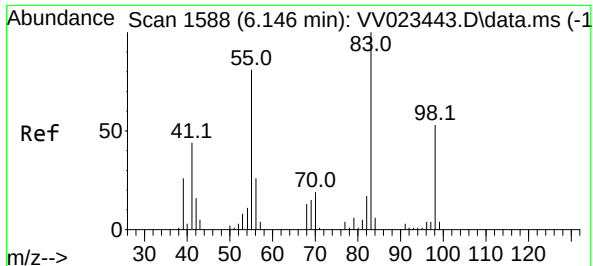
95 100

97 62.8 45.0 83.6

132 102.3 69.7 129.4

130 110.1 73.7 136.9

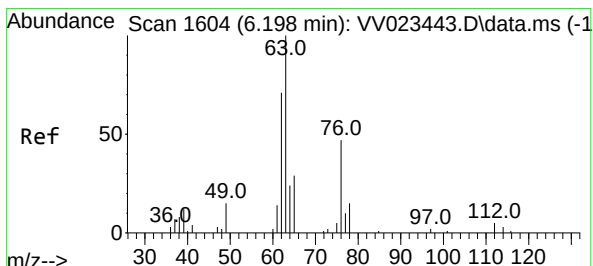
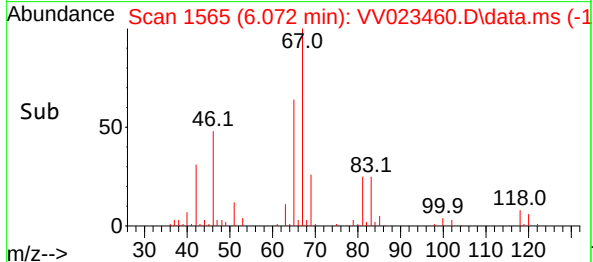
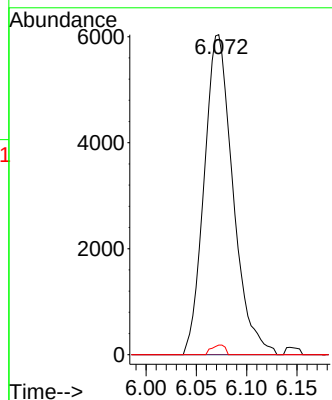
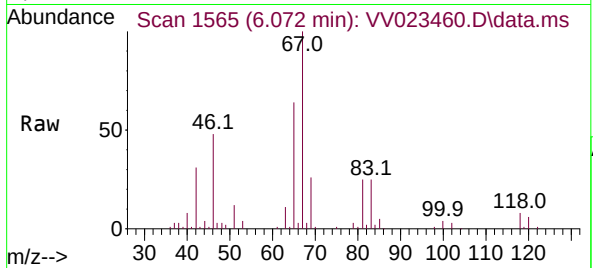




#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

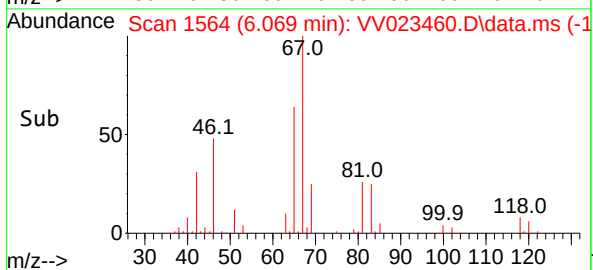
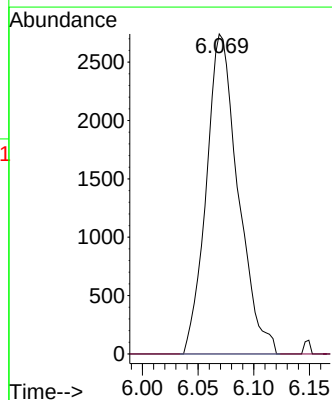
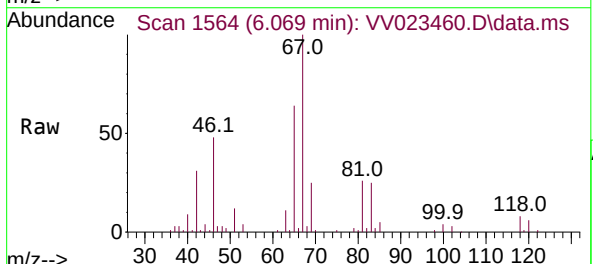
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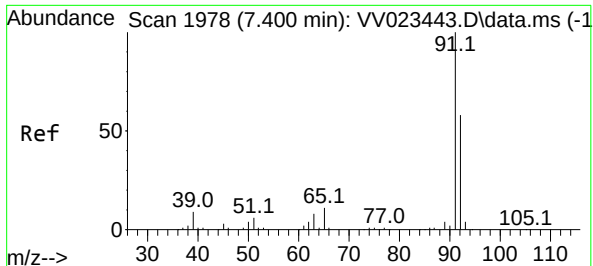
Tgt Ion: 83 Resp: 12004
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.723 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.129 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

Tgt Ion: 63 Resp: 5456
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#42

Toluene

Concen: 0.062 ug/L

RT: 7.397 min Scan# 1978

Delta R.T. -0.003 min

Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

Instrument :

MSVOA_V

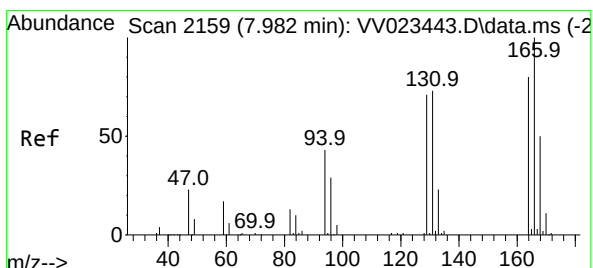
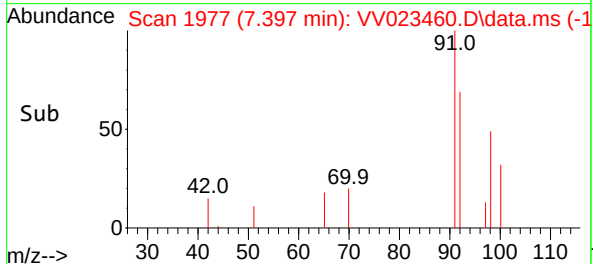
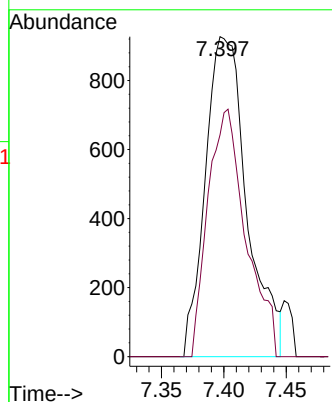
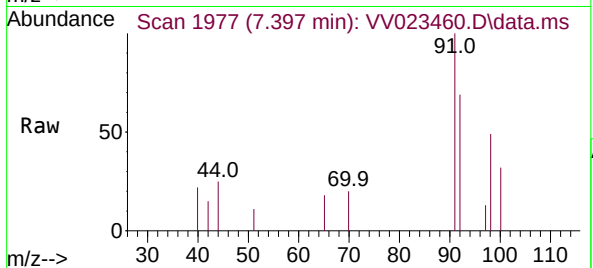
ClientSampleId :

Tgt Ion: 91 Resp: 2155

Ion Ratio Lower Upper

91 100

92 69.4 39.3 72.9



#47

Tetrachloroethene

Concen: 0.123 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.007 min

Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

Tgt Ion: 164 Resp: 917

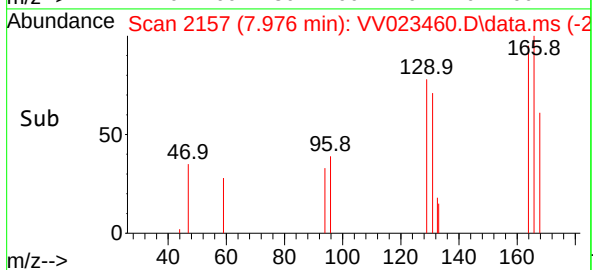
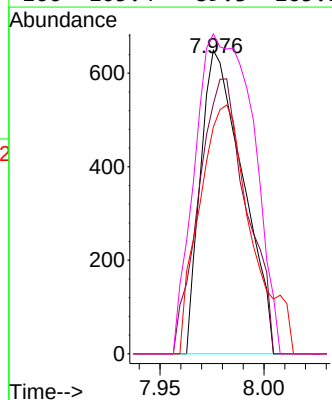
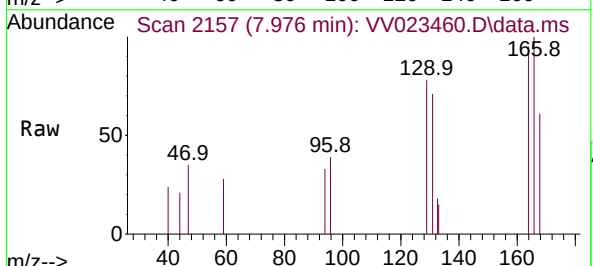
Ion Ratio Lower Upper

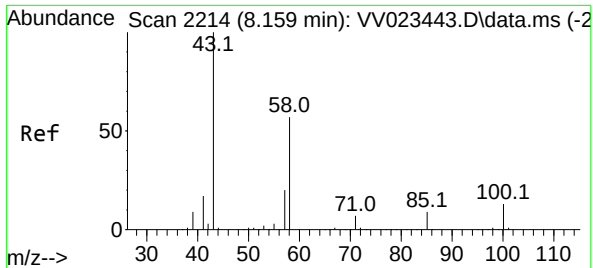
164 100

129 82.3 64.0 119.0

131 74.7 63.4 117.8

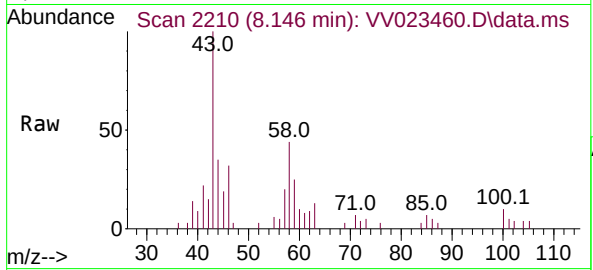
166 105.4 89.3 165.9



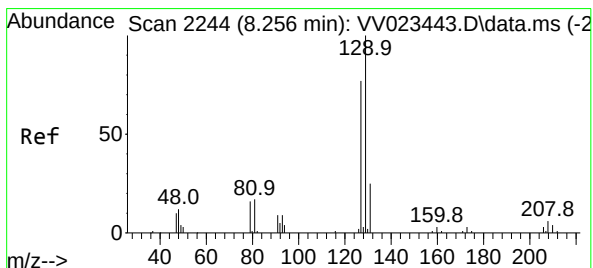
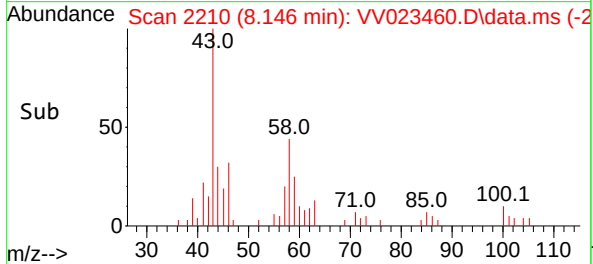
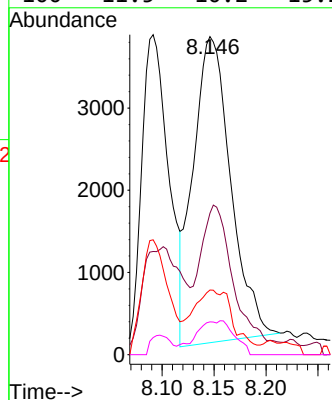


#48
2-Hexanone
Concen: 3.814 ug/L
RT: 8.146 min Scan# 2159
Delta R.T. -0.013 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

Instrument :
MSVOA_V
ClientSampleId :

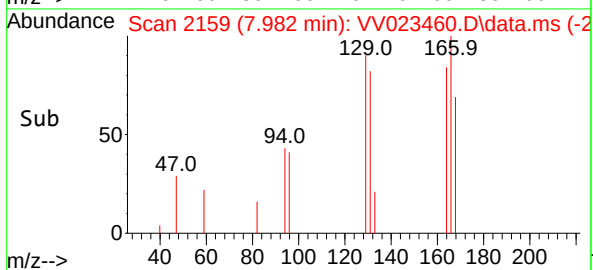
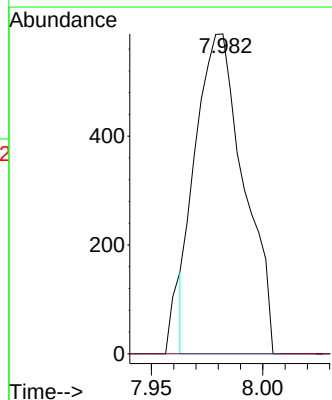
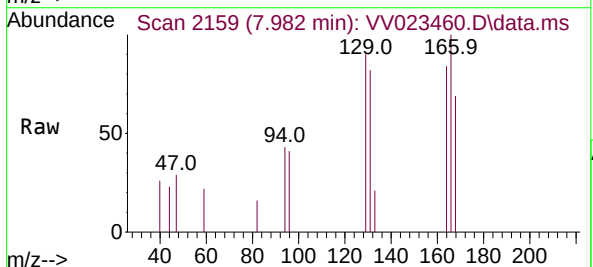


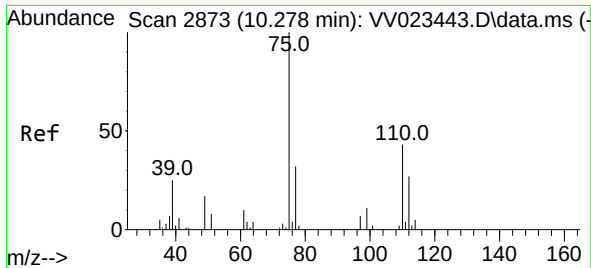
Tgt Ion: 43 Resp: 9356
Ion Ratio Lower Upper
43 100
58 40.1 43.7 65.5#
57 19.1 14.1 21.1
100 11.5 10.2 15.2



#49
Dibromochloromethane
Concen: 0.129 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.273 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

Tgt Ion: 129 Resp: 887
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.619 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.971 min

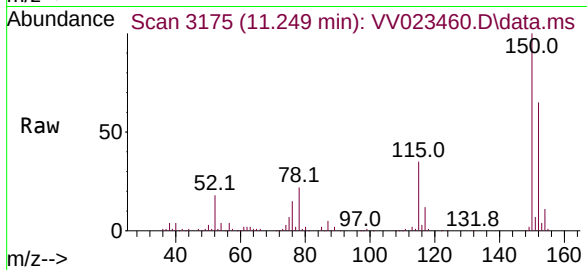
Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5621

Ion Ratio Lower Upper

75 100

77 33.9 26.6 39.8

110 2.5 31.8 47.6#

