

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023466.D
 Acq On : 13 Nov 2021 01:13
 Operator : SY/MD
 Sample : M4616-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 02:00:46 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)

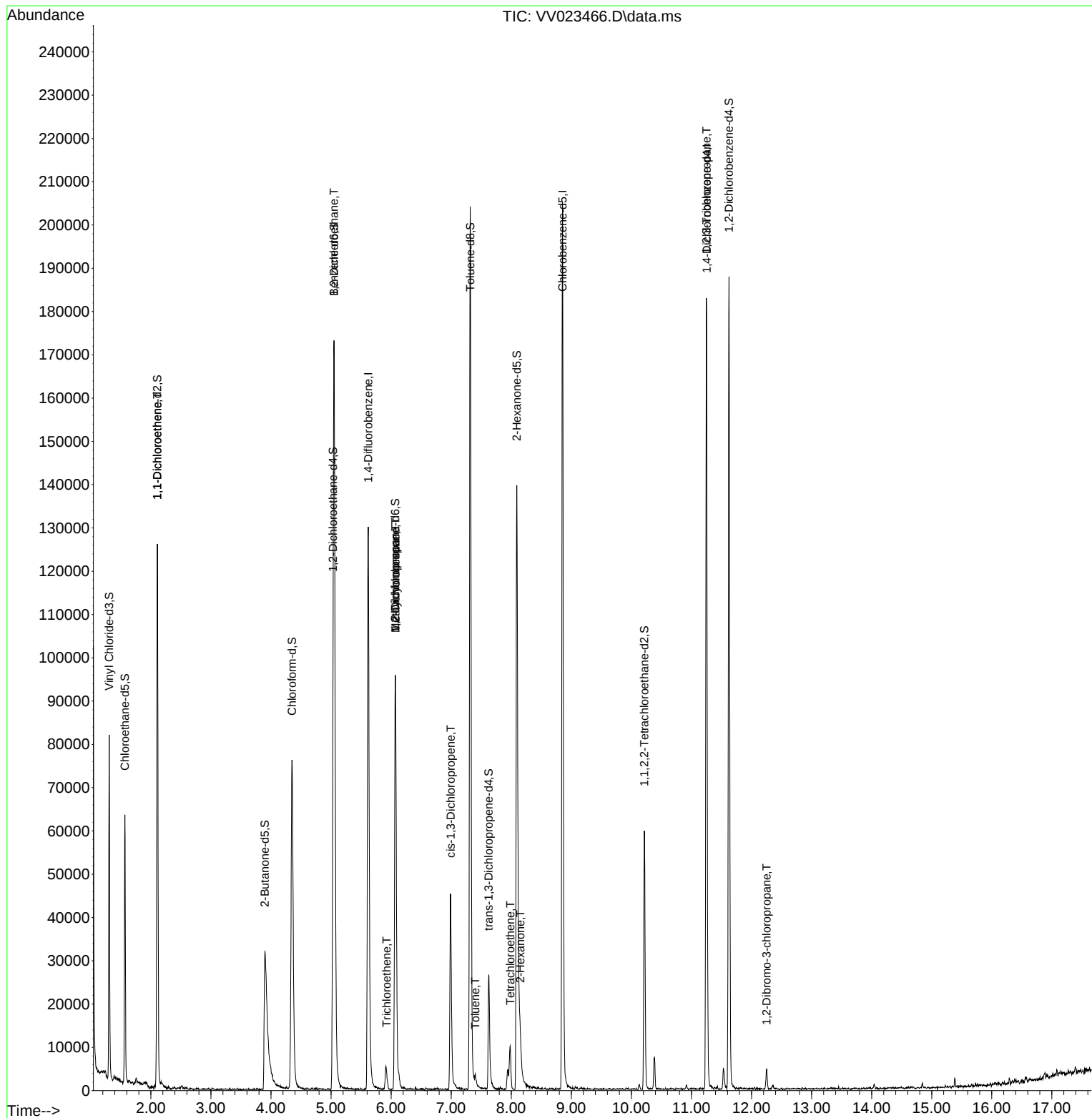
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114170	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	115827	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48568	6.791	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 135.800%#		
7) Chloroethane-d5	1.568	69	35542	6.097	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 122.000%		
11) 1,1-Dichloroethene-d2	2.108	63	63502	4.743	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 94.800%		
20) 2-Butanone-d5	3.899	46	71131	57.726	ug/L	-0.09
Spiked Amount	50.000	Range 40 - 130	Recovery	= 115.460%		
24) Chloroform-d	4.349	84	79168	5.194	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
26) 1,2-Dichloroethane-d4	5.034	65	38662	5.641	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.800%		
32) Benzene-d6	5.050	84	156917	5.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.600%		
36) 1,2-Dichloropropane-d6	6.069	67	46051	5.264	ug/L	-0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.200%		
41) Toluene-d8	7.317	98	136432	4.899	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.000%		
43) trans-1,3-Dichloroprop...	7.625	79	15168	4.572	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.400%		
46) 2-Hexanone-d5	8.091	63	44675	36.604	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 73.200%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28045	4.458	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 89.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	49036	5.864	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.200%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.108	96	538	0.079	ug/L #	1
27) 1,2-Dichloroethane	5.050	62	991	0.124	ug/L #	72
34) Trichloroethene	5.924	95	818	0.095	ug/L #	76
35) Methylcyclohexane	6.072	83	11823	0.870	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5615	0.743	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1254	0.115	ug/L #	64
42) Toluene	7.403	91	2491	0.072	ug/L	100
47) Tetrachloroethene	7.985	164	2303	0.309	ug/L	94
48) 2-Hexanone	8.149	43	9191	3.742	ug/L #	86
61) 1,2,3-Trichloropropane	11.249	75	5140	1.541	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.249	75	101	0.142	ug/L #	1

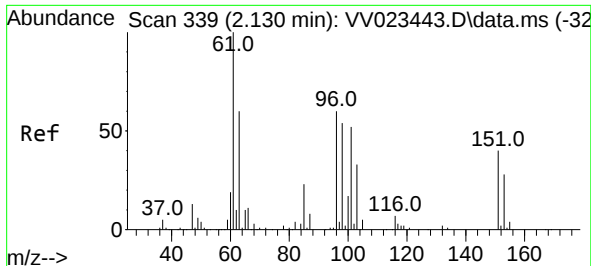
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV023466.D

Acq: 13 Nov 2021 01:13

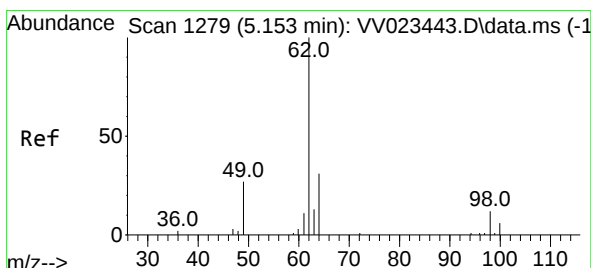
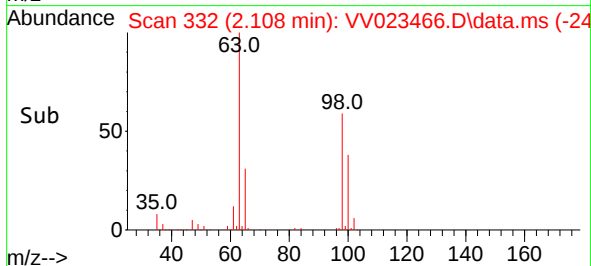
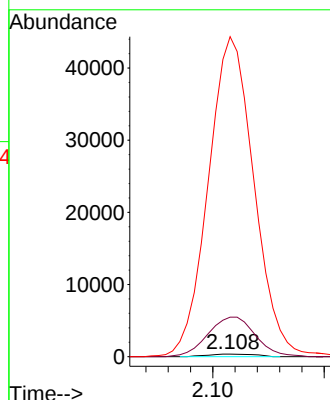
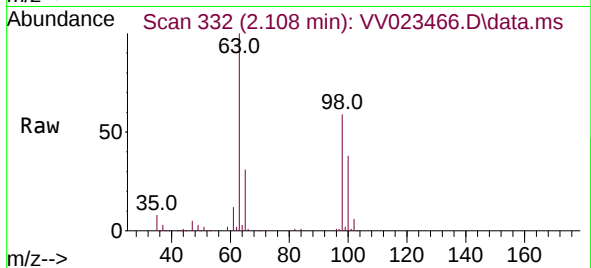
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 538

Ion	Ratio	Lower	Upper
96	100		
61	1518.6	121.5	225.7#
63	12320.0	99.6	185.0#



#27

1,2-Dichloroethane

Concen: 0.124 ug/L

RT: 5.050 min Scan# 1247

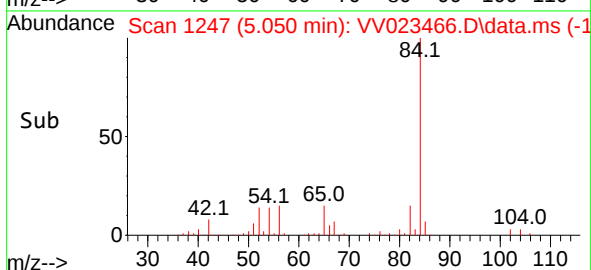
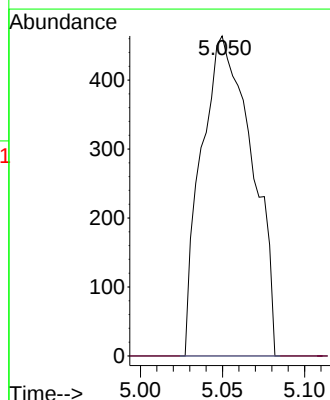
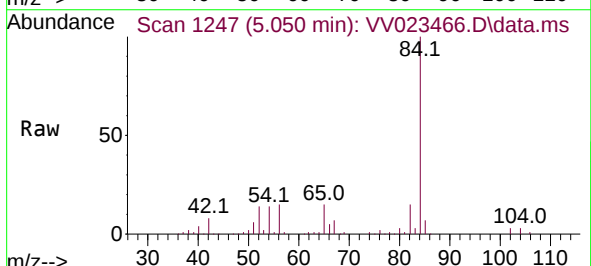
Delta R.T. -0.103 min

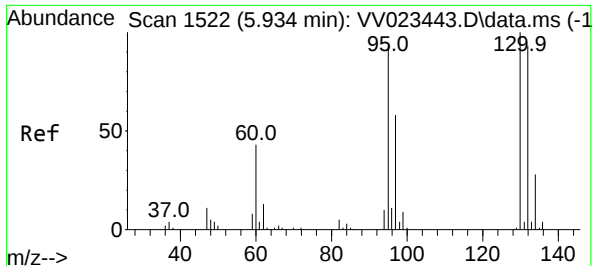
Lab File: VV023466.D

Acq: 13 Nov 2021 01:13

Tgt Ion: 62 Resp: 991

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.4#

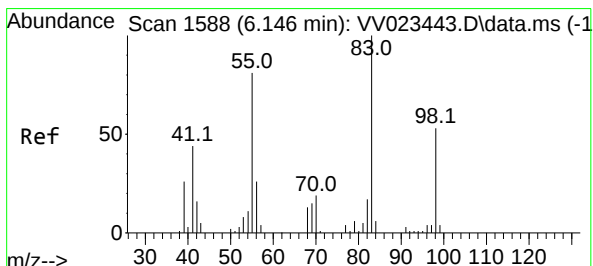
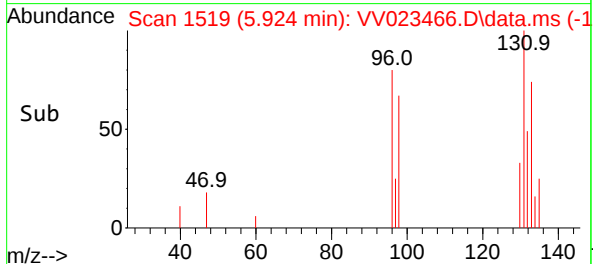
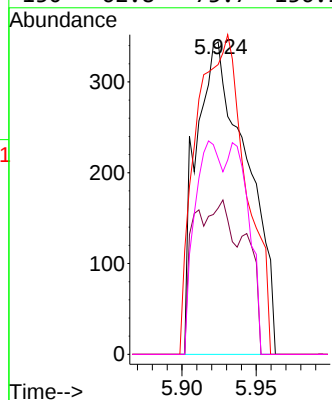
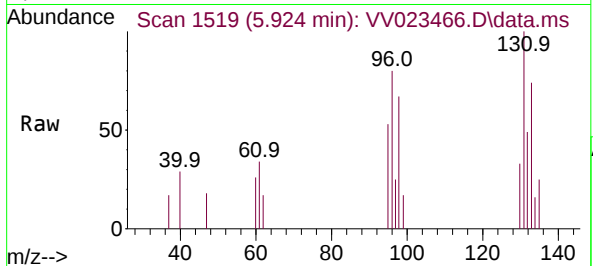




#34
Trichloroethene
Concen: 0.095 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. -0.010 min
Lab File: VV023466.D
Acq: 13 Nov 2021 01:13

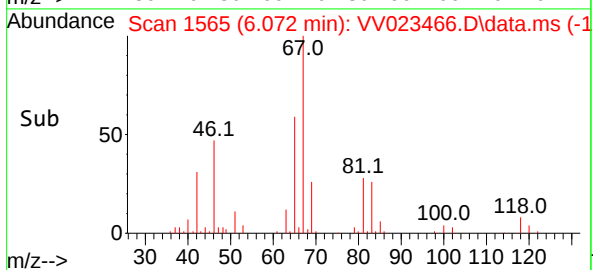
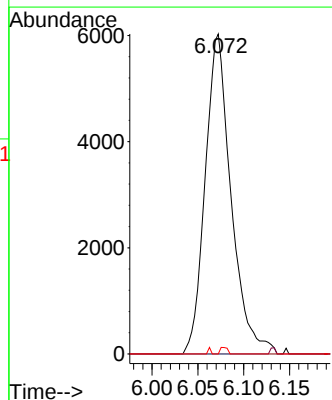
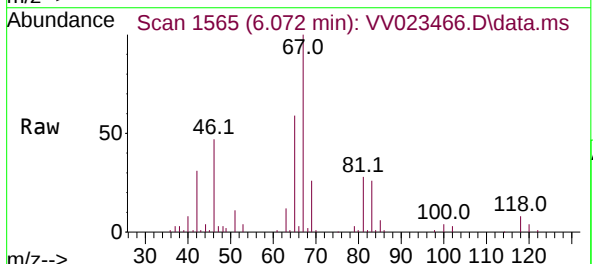
Instrument :
MSVOA_V
ClientSampleId :

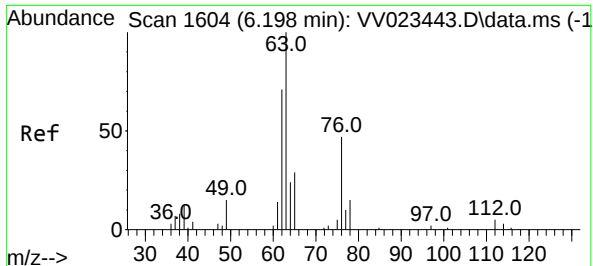
Tgt Ion:	95	Resp:	818
Ion	Ratio	Lower	Upper
95	100		
97	46.8	45.0	83.6
132	92.7	69.7	129.4
130	62.8	73.7	136.9#



#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.074 min
Lab File: VV023466.D
Acq: 13 Nov 2021 01:13

Tgt Ion:	83	Resp:	11823
Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.8	94.2#
98	0.6	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.743 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.126 min

Lab File: VV023466.D

Acq: 13 Nov 2021 01:13

Instrument :

MSVOA_V

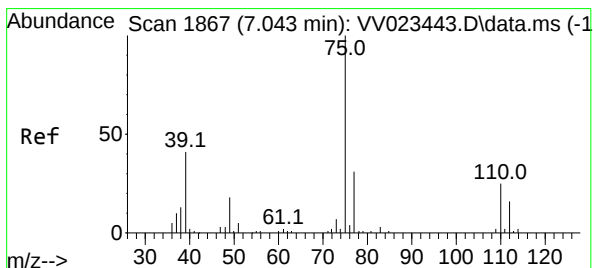
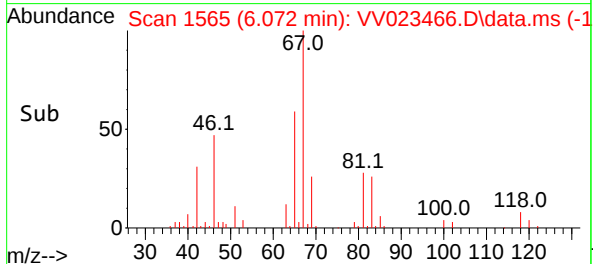
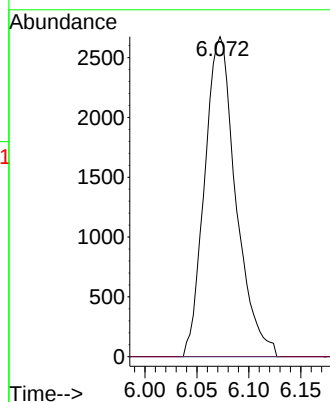
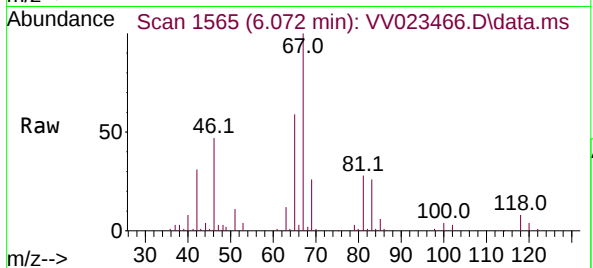
ClientSampleId :

Tgt Ion: 63 Resp: 5615

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.052 min

Lab File: VV023466.D

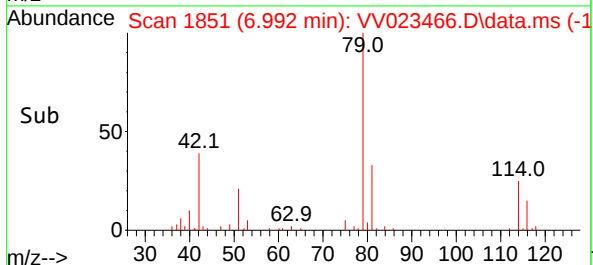
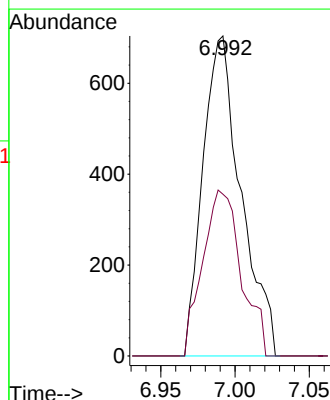
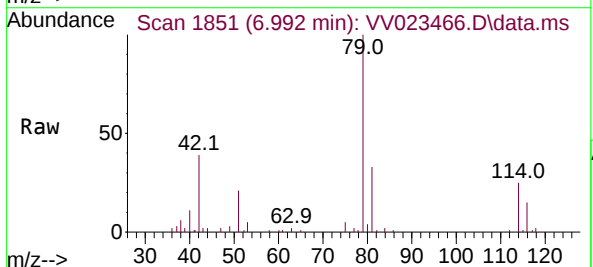
Acq: 13 Nov 2021 01:13

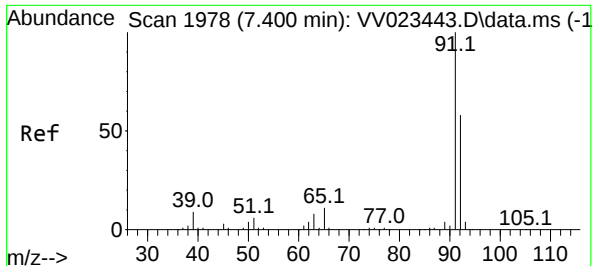
Tgt Ion: 75 Resp: 1254

Ion Ratio Lower Upper

75 100

77 50.6 21.6 40.2#





#42

Toluene

Concen: 0.072 ug/L

RT: 7.403 min Scan# 1978

Delta R.T. 0.003 min

Lab File: VV023466.D

Acq: 13 Nov 2021 01:13

Instrument :

MSVOA_V

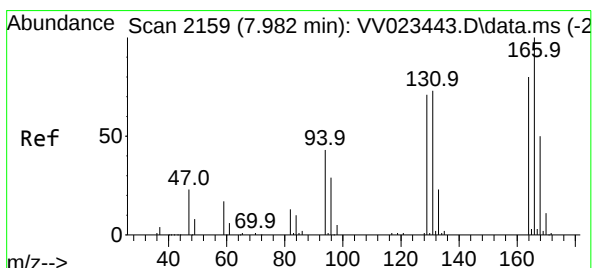
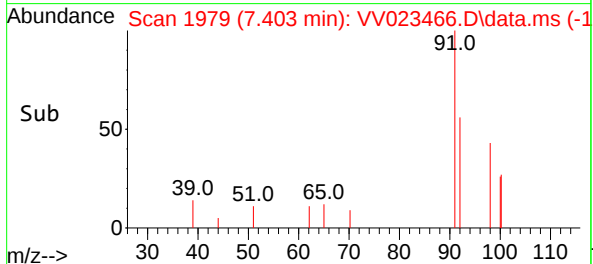
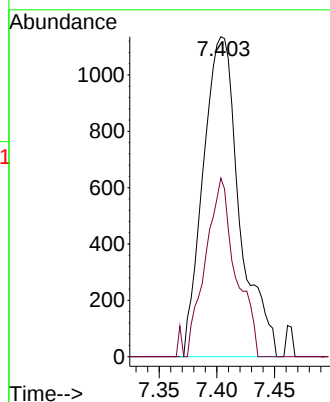
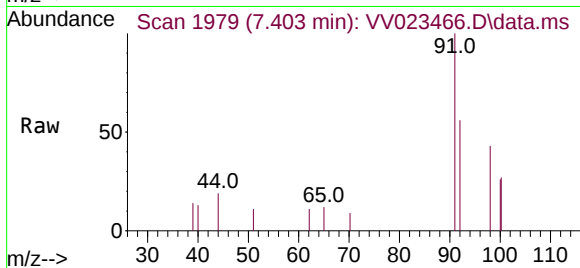
ClientSampleId :

Tgt Ion: 91 Resp: 2491

Ion Ratio Lower Upper

91 100

92 55.8 39.3 72.9



#47

Tetrachloroethene

Concen: 0.309 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.003 min

Lab File: VV023466.D

Acq: 13 Nov 2021 01:13

Tgt Ion: 164 Resp: 2303

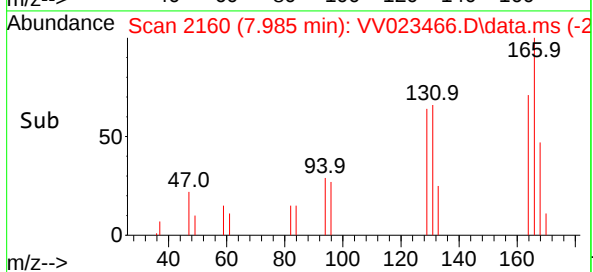
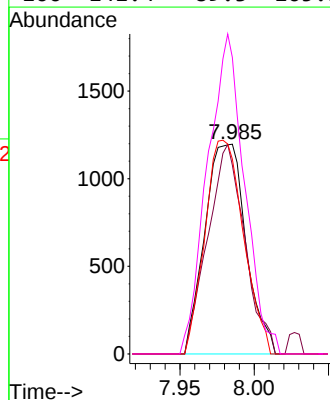
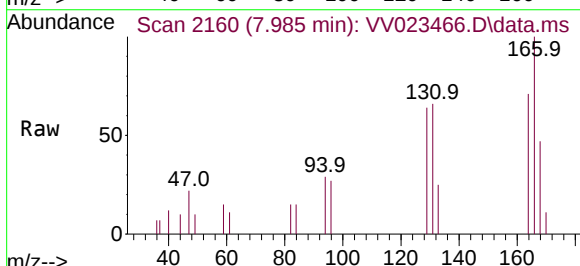
Ion Ratio Lower Upper

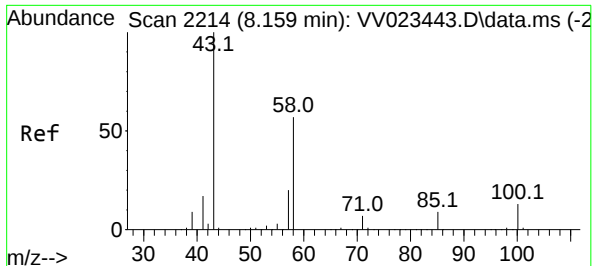
164 100

129 90.0 64.0 119.0

131 92.9 63.4 117.8

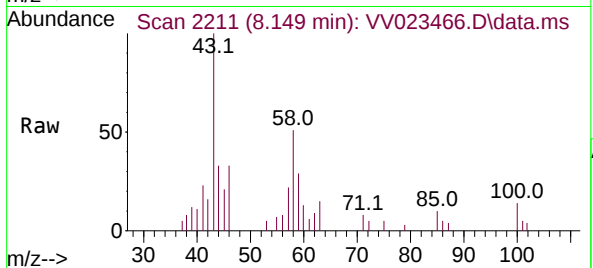
166 141.4 89.3 165.9



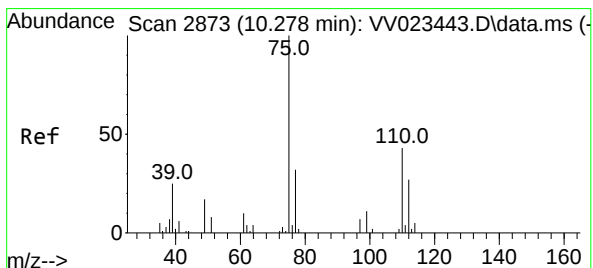
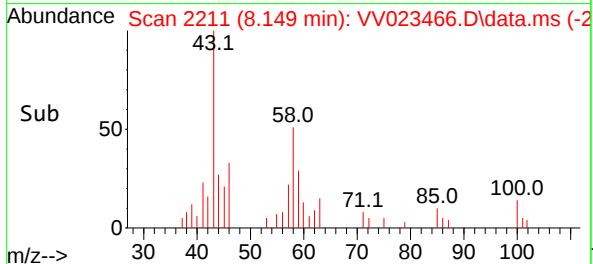
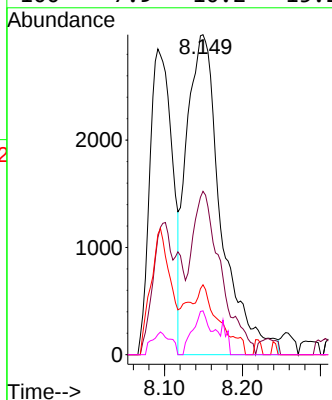


#48
2-Hexanone
Concen: 3.742 ug/L
RT: 8.149 min Scan# 21
Delta R.T. -0.010 min
Lab File: VV023466.D
Acq: 13 Nov 2021 01:13

Instrument :
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ClientSampleId :

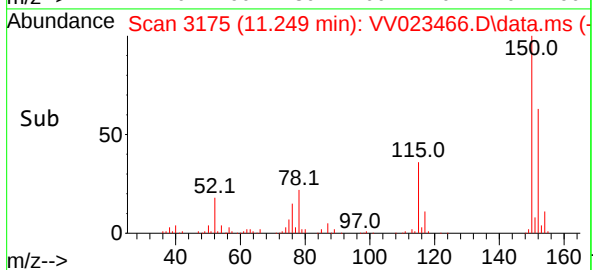
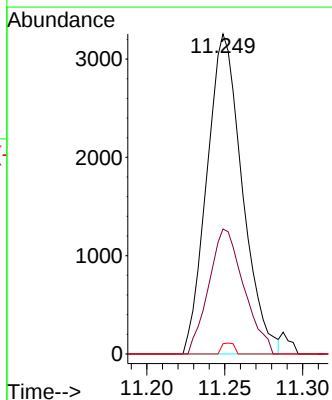
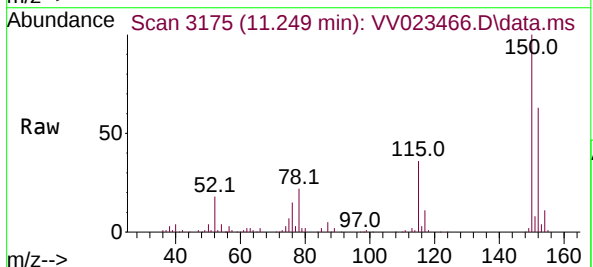


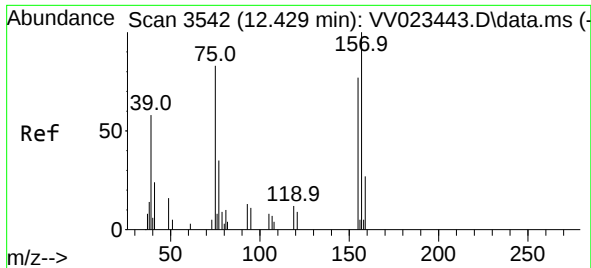
Tgt Ion:	43	Resp:	9191
Ion	Ratio	Lower	Upper
43	100		
58	42.9	43.7	65.5#
57	14.3	14.1	21.1
100	7.9	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.541 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.971 min
Lab File: VV023466.D
Acq: 13 Nov 2021 01:13

Tgt Ion:	75	Resp:	5140
Ion	Ratio	Lower	Upper
75	100		
77	38.7	26.6	39.8
110	1.2	31.8	47.6#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.142 ug/L

RT: 12.249 min Scan# 34

Delta R.T. -0.180 min

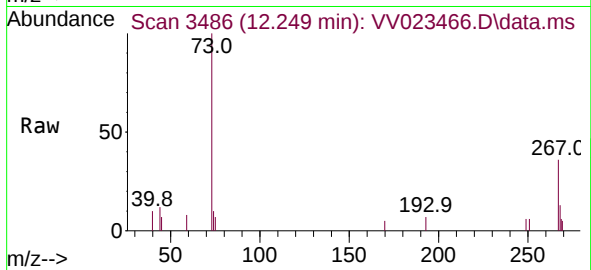
Lab File: VV023466.D

Acq: 13 Nov 2021 01:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 101

Ion Ratio Lower Upper

75 100

155 0.0 67.7 101.5#

157 0.0 87.9 131.9#

