

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023334.D
 Acq On : 10 Nov 2021 15:42
 Operator : SY/MD
 Sample : M4558-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:43:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124275	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26991	3.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.568	69	26483	4.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.108	63	41402	2.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	3.889	46	95388	71.117	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.240%#
24) Chloroform-d	4.352	84	73925	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.037	65	37901	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.053	84	138601	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.072	67	45960	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.320	98	111391	3.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.628	79	14555	4.072	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.088	63	71158	54.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32472	4.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	47784	5.175	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	8893	0.864	ug/L	91
8) Chloroethane	1.310	64	3411	0.574	ug/L #	82
12) 1,1-Dichloroethene	2.121	96	723	0.098	ug/L #	1
13) Acetone	2.175	43	3058	3.731	ug/L	95
15) Methyl Acetate	2.503	43	1934	0.834	ug/L #	47
18) trans-1,2-Dichloroethene	2.767	96	8240	0.904	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	211577	24.132	ug/L #	90
27) 1,2-Dichloroethane	5.156	62	559	0.064	ug/L #	72
34) Trichloroethene	5.921	95	2752	0.297	ug/L	91
35) Methylcyclohexane	6.072	83	11072	0.756	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4649	0.571	ug/L #	83
39) cis-1,3-Dichloropropene	6.998	75	1024	0.087	ug/L #	58
42) Toluene	7.400	91	4209	0.113	ug/L	89
45) 1,1,2-Trichloroethane	7.931	97	1347	0.230	ug/L #	1
48) 2-Hexanone	8.146	43	4759	1.798	ug/L #	75
61) 1,2,3-Trichloropropane	11.249	75	6043	1.640	ug/L #	67

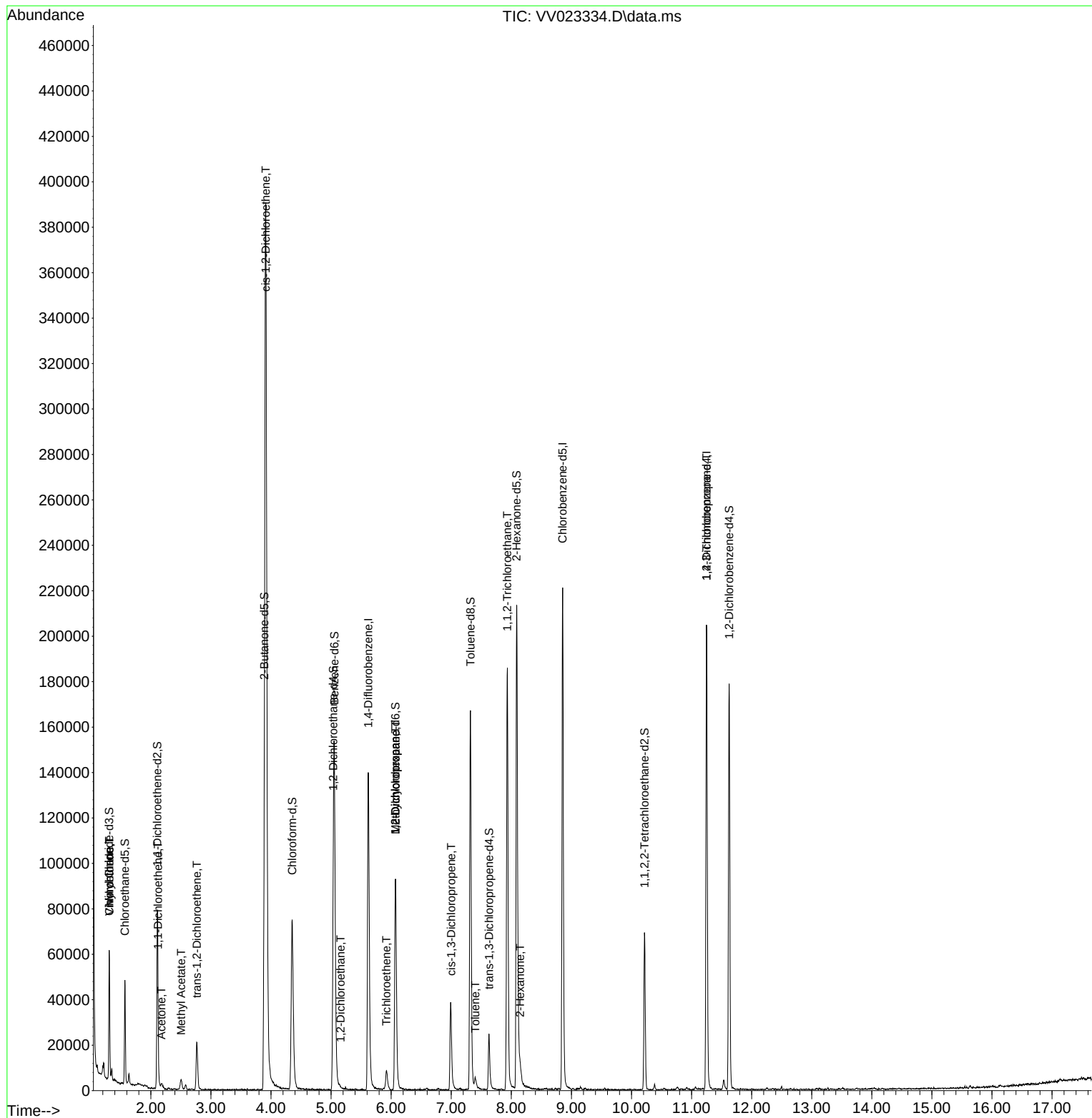
(#) = qualifier out of range (m) = manual integration (+) = signals summed

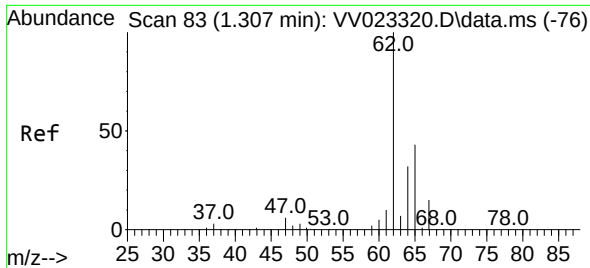
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023334.D
Acq On : 10 Nov 2021 15:42
Operator : SY/MD
Sample : M4558-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 11 00:43:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 00:38:57 2021
Response via : Initial Calibration

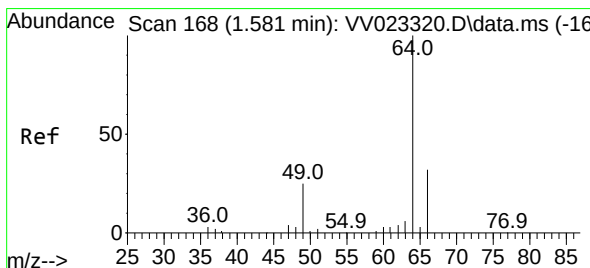
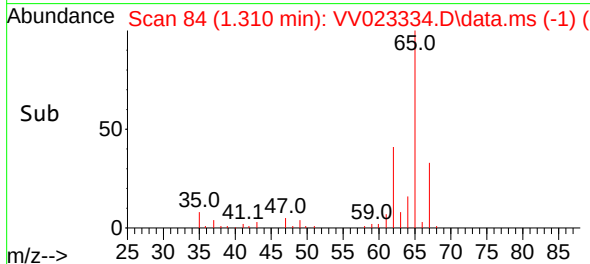
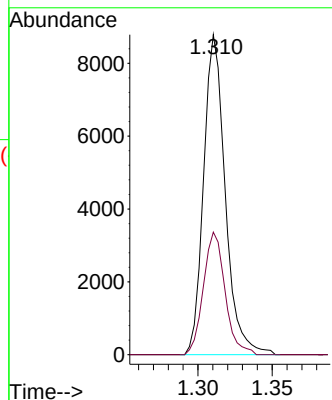
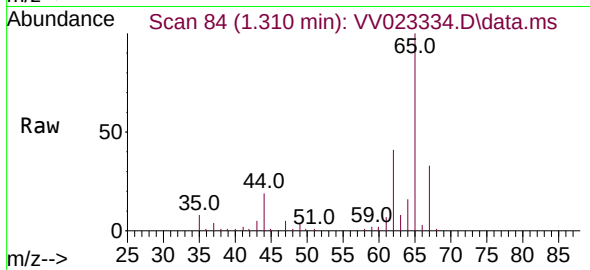




#5
 Vinyl chloride
 Concen: 0.864 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023334.D
 Acq: 10 Nov 2021 15:42

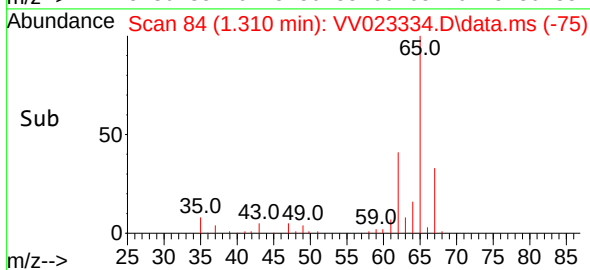
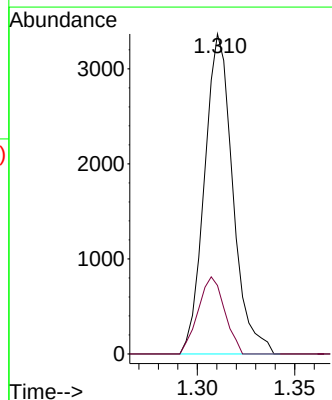
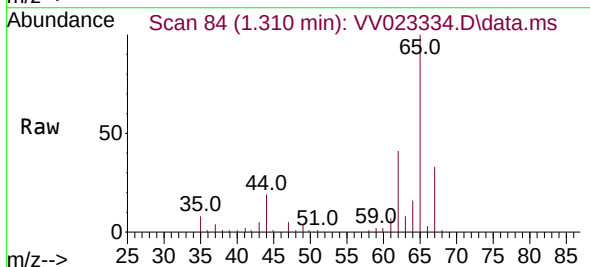
Instrument :
 MSVOA_V
 ClientSampleId :

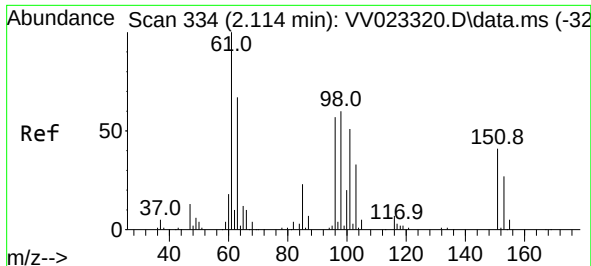
Tgt Ion: 62 Resp: 8893
 Ion Ratio Lower Upper
 62 100
 64 38.3 23.1 42.9



#8
 Chloroethane
 Concen: 0.574 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.270 min
 Lab File: VV023334.D
 Acq: 10 Nov 2021 15:42

Tgt Ion: 64 Resp: 3411
 Ion Ratio Lower Upper
 64 100
 66 21.4 22.1 41.1#





#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV023334.D

Acq: 10 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :

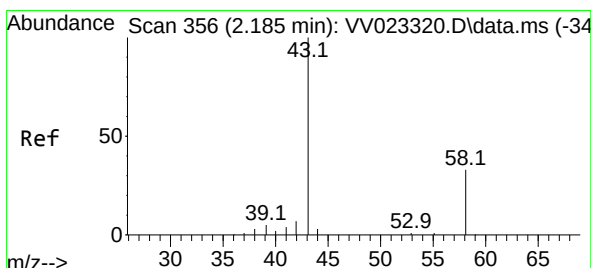
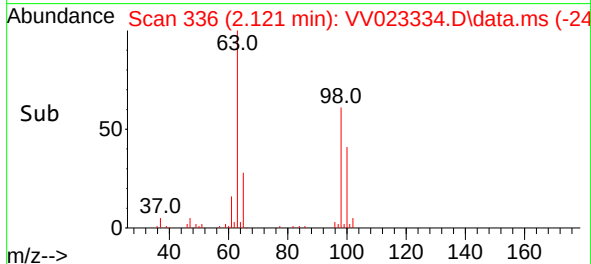
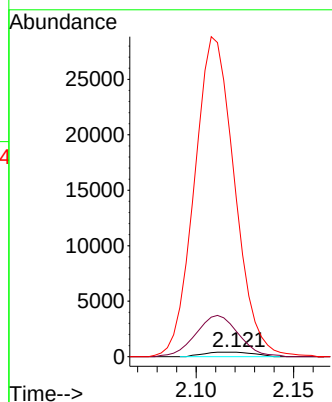
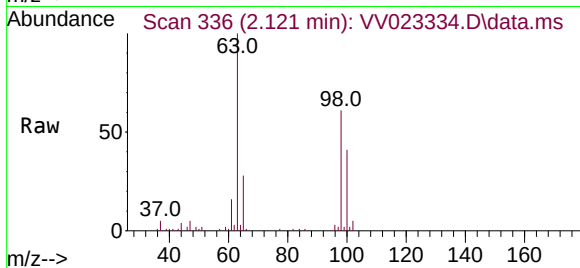
Tgt Ion: 96 Resp: 723

Ion Ratio Lower Upper

96 100

61 566.0 121.5 225.7#

63 3528.3 99.6 185.0#



#13

Acetone

Concen: 3.731 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.010 min

Lab File: VV023334.D

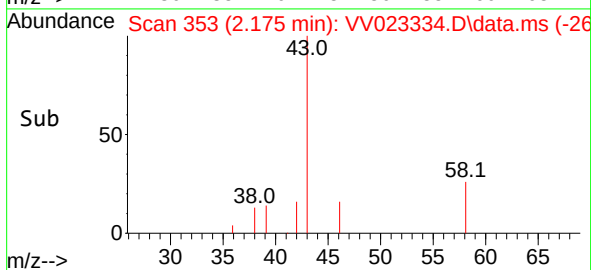
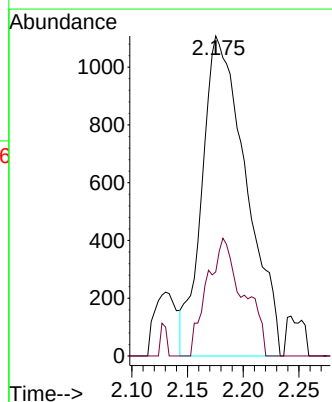
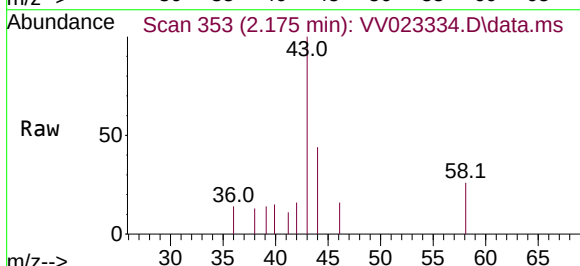
Acq: 10 Nov 2021 15:42

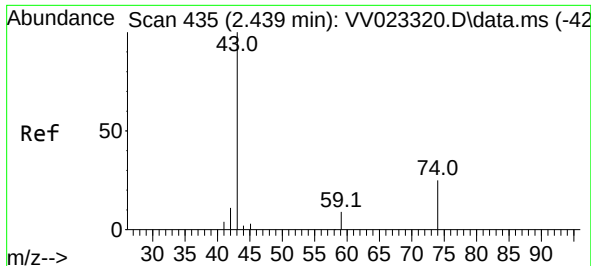
Tgt Ion: 43 Resp: 3058

Ion Ratio Lower Upper

43 100

58 30.1 0.0 55.4

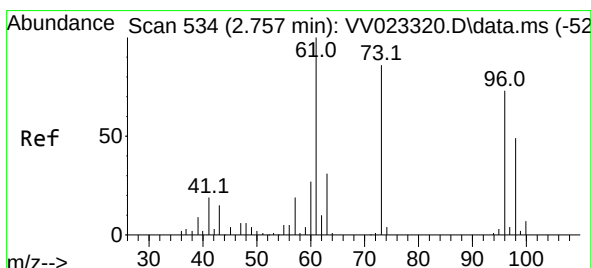
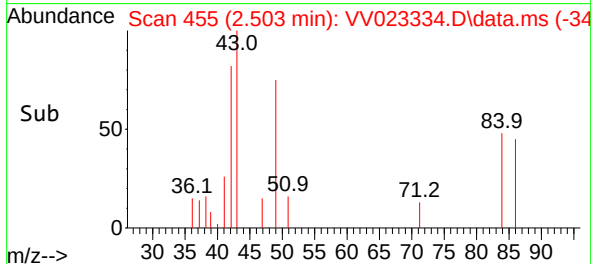
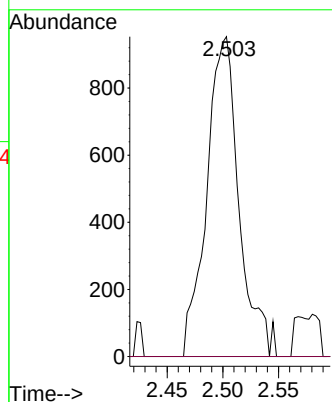
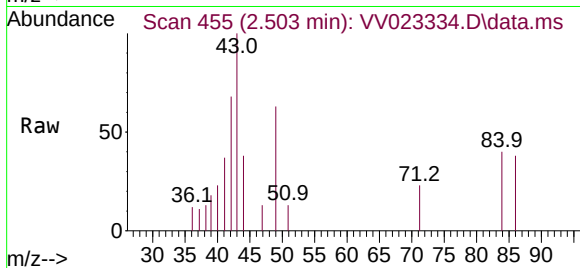




#15
Methyl Acetate
Concen: 0.834 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.064 min
Lab File: VV023334.D
Acq: 10 Nov 2021 15:42

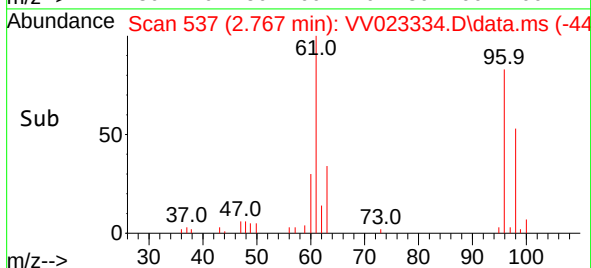
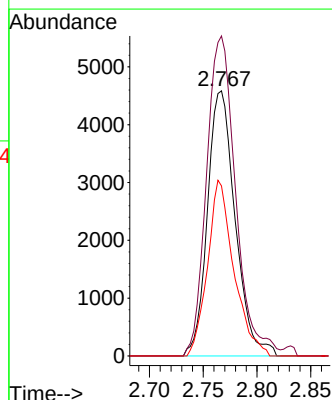
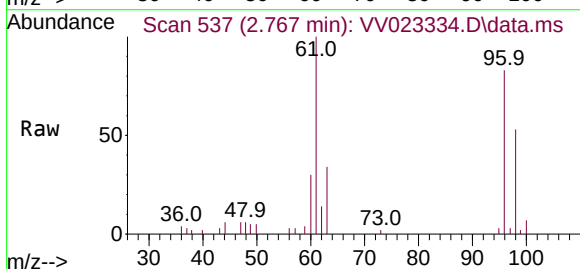
Instrument :
MSVOA_V
ClientSampleId :

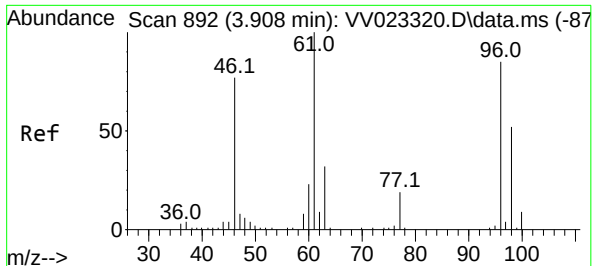
Tgt Ion: 43 Resp: 1934
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#18
trans-1,2-Dichloroethene
Concen: 0.904 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV023334.D
Acq: 10 Nov 2021 15:42

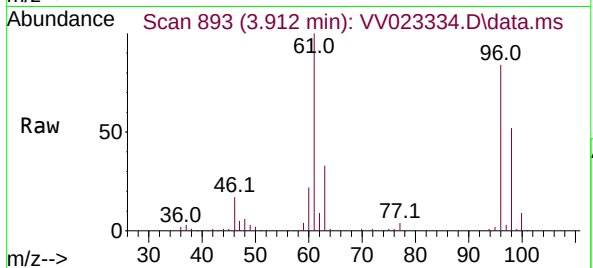
Tgt Ion: 96 Resp: 8240
Ion Ratio Lower Upper
96 100
61 120.7 93.2 173.2
98 64.2 47.0 87.2



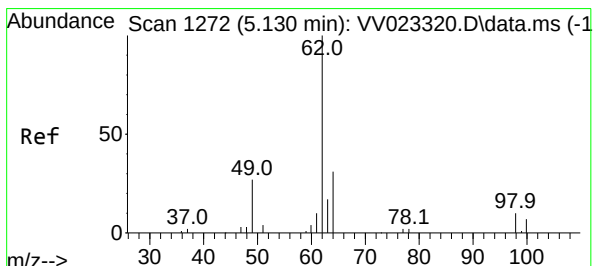
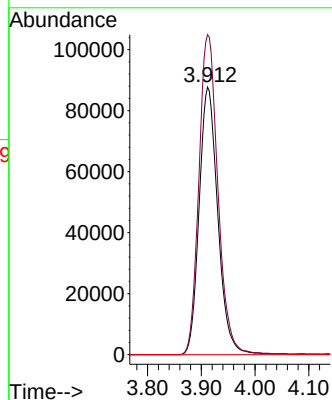
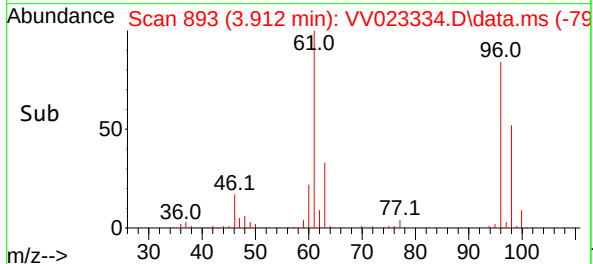


#22
 cis-1,2-Dichloroethene
 Concen: 24.132 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023334.D
 Acq: 10 Nov 2021 15:42

Instrument :
 MSVOA_V
 ClientSampleId :

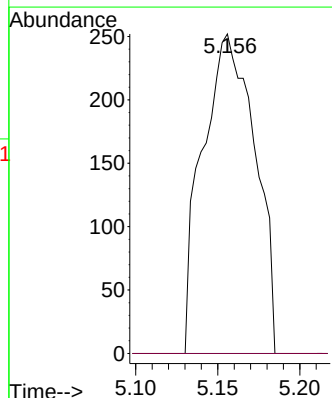
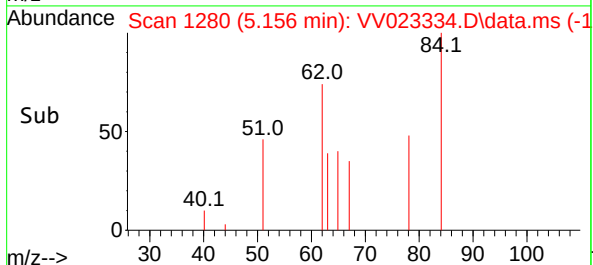
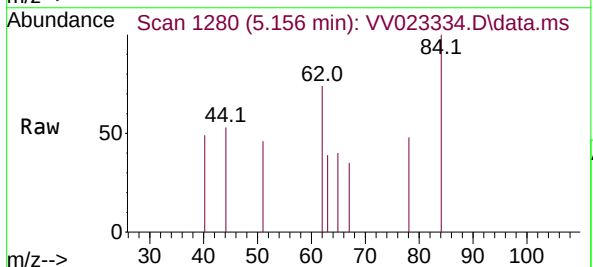


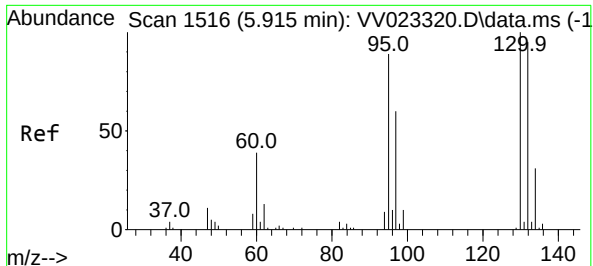
Tgt Ion: 96 Resp: 211577
 Ion Ratio Lower Upper
 96 100
 61 119.5 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.064 ug/L
 RT: 5.156 min Scan# 1280
 Delta R.T. 0.026 min
 Lab File: VV023334.D
 Acq: 10 Nov 2021 15:42

Tgt Ion: 62 Resp: 559
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#



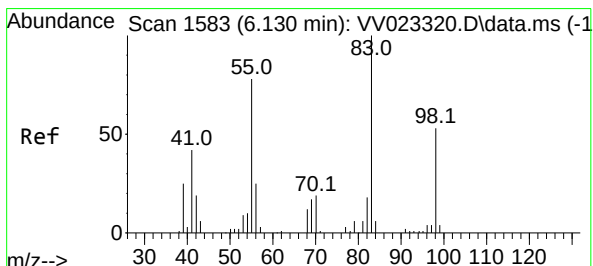
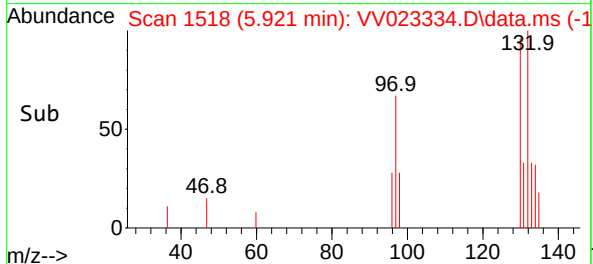
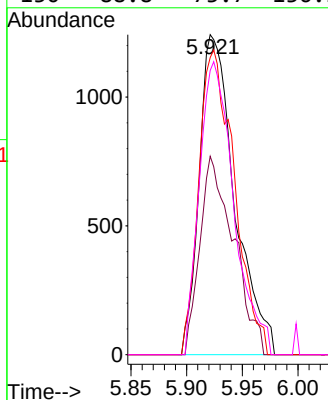
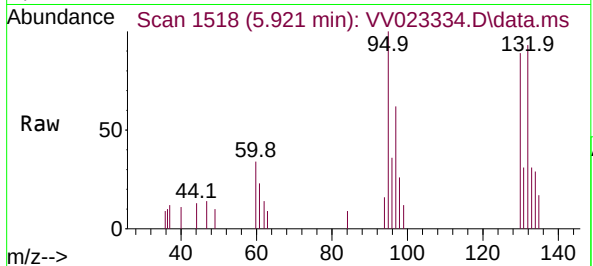


#34
Trichloroethene
Concen: 0.297 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023334.D
Acq: 10 Nov 2021 15:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2752

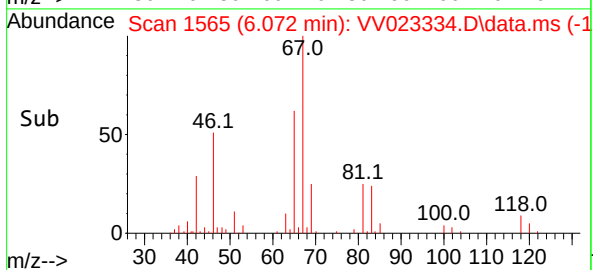
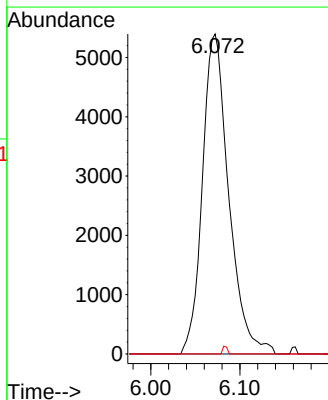
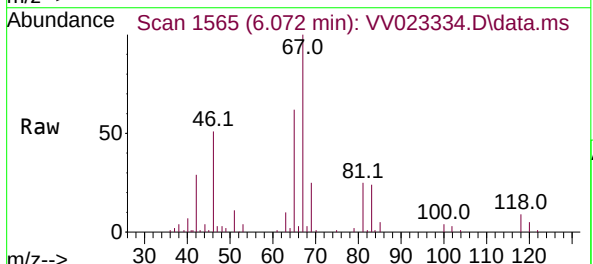
Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.0	83.6
132	92.8	69.7	129.4
130	88.8	73.7	136.9

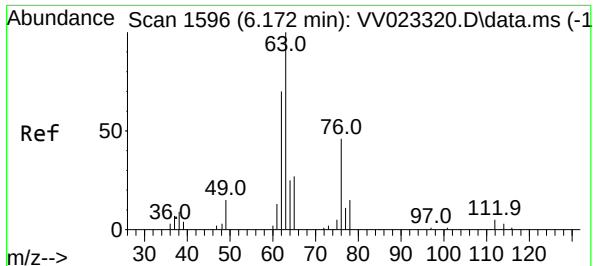


#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023334.D
Acq: 10 Nov 2021 15:42

Tgt Ion: 83 Resp: 11072

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	0.4	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023334.D

Acq: 10 Nov 2021 15:42

Instrument :

MSVOA_V

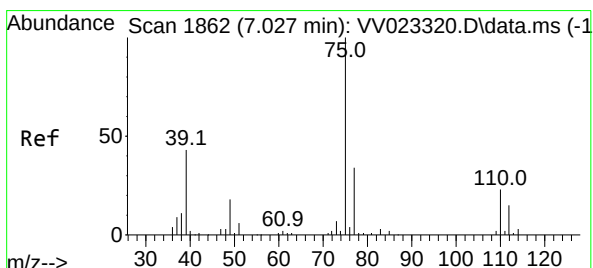
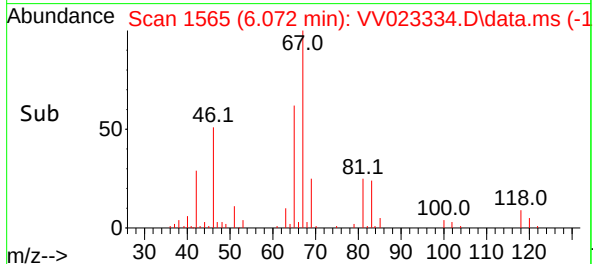
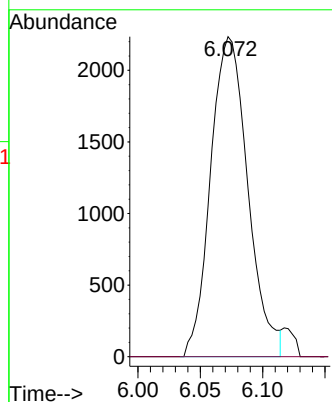
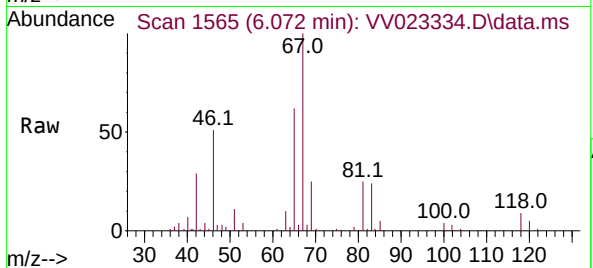
ClientSampleId :

Tgt Ion: 63 Resp: 4649

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.029 min

Lab File: VV023334.D

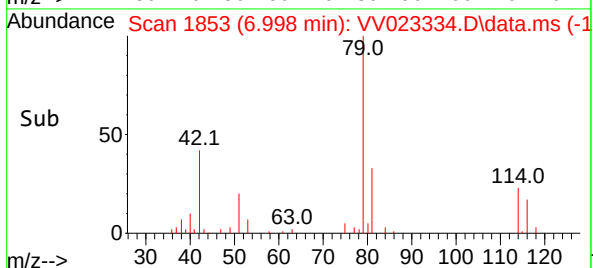
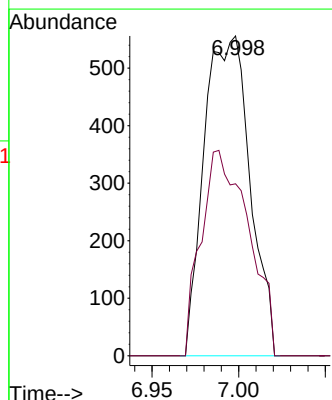
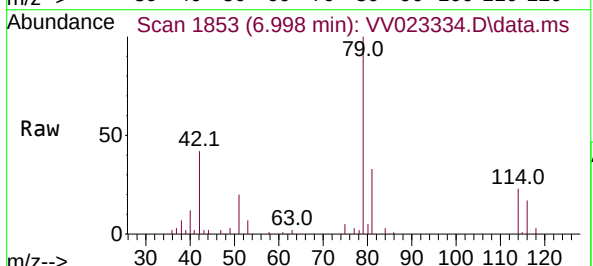
Acq: 10 Nov 2021 15:42

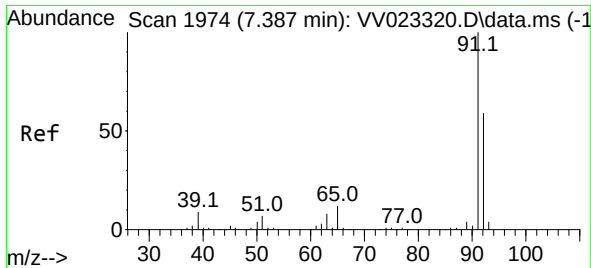
Tgt Ion: 75 Resp: 1024

Ion Ratio Lower Upper

75 100

77 53.8 21.6 40.2#





#42

Toluene

Concen: 0.113 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV023334.D

Acq: 10 Nov 2021 15:42

Instrument :

MSVOA_V

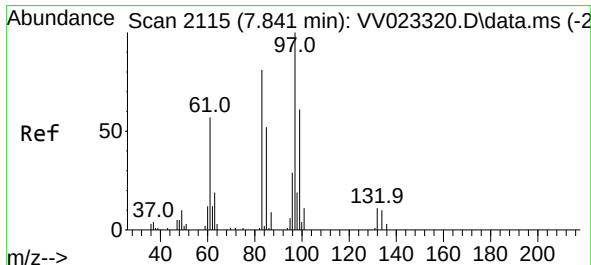
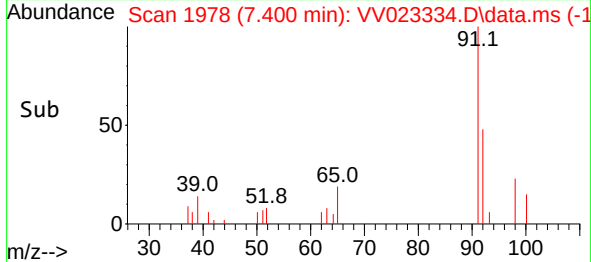
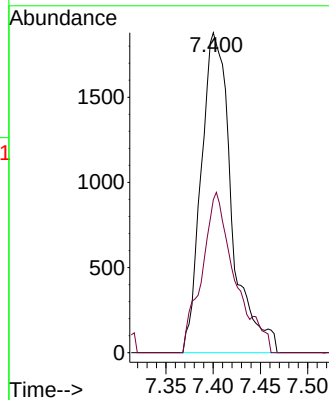
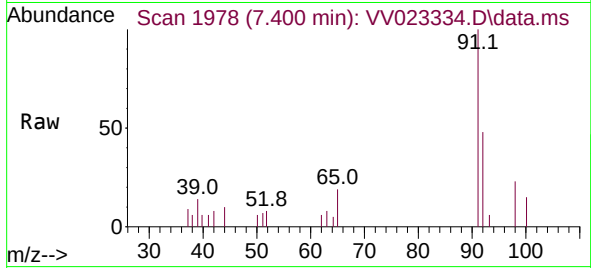
ClientSampleId :

Tgt Ion: 91 Resp: 4209

Ion Ratio Lower Upper

91 100

92 47.8 39.3 72.9



#45

1,1,2-Trichloroethane

Concen: 0.230 ug/L

RT: 7.931 min Scan# 2143

Delta R.T. 0.090 min

Lab File: VV023334.D

Acq: 10 Nov 2021 15:42

Tgt Ion: 97 Resp: 1347

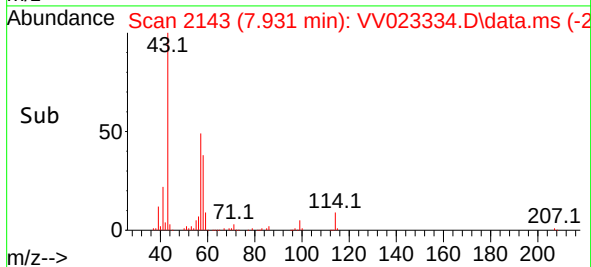
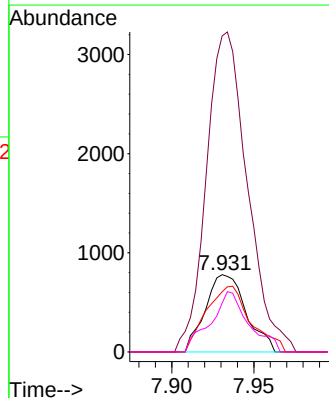
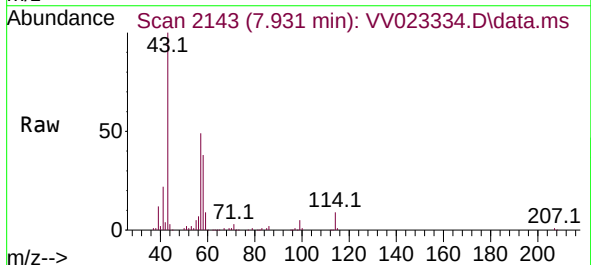
Ion Ratio Lower Upper

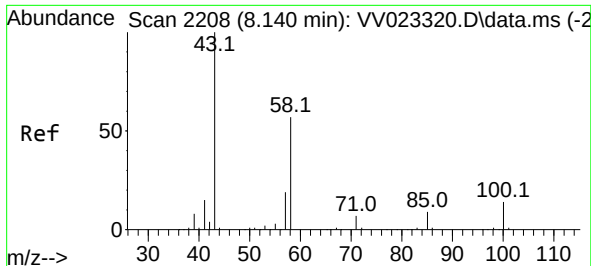
97 100

99 408.6 43.6 81.0#

83 77.7 58.4 108.4

85 63.1 39.8 74.0





#48

2-Hexanone

Concen: 1.798 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.006 min

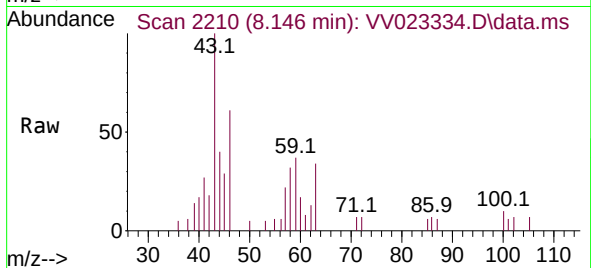
Lab File: VV023334.D

Acq: 10 Nov 2021 15:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4759

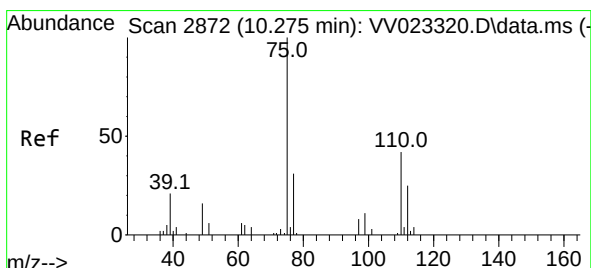
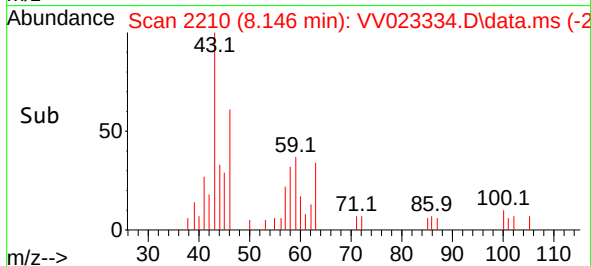
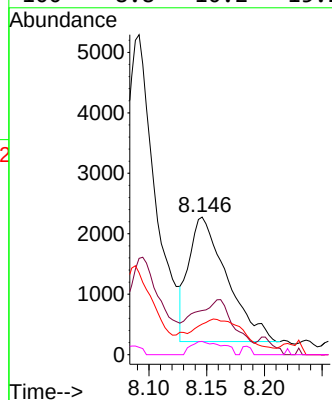
Ion Ratio Lower Upper

43 100

58 37.2 43.7 65.5#

57 0.0 14.1 21.1#

100 8.8 10.2 15.2#



#61

1,2,3-Trichloropropane

Concen: 1.640 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023334.D

Acq: 10 Nov 2021 15:42

Tgt Ion: 75 Resp: 6043

Ion Ratio Lower Upper

75 100

77 32.1 26.6 39.8

110 3.2 31.8 47.6#

