

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023268.D
 Acq On : 06 Nov 2021 05:37
 Operator : SY/MD
 Sample : M4545-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:51:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

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

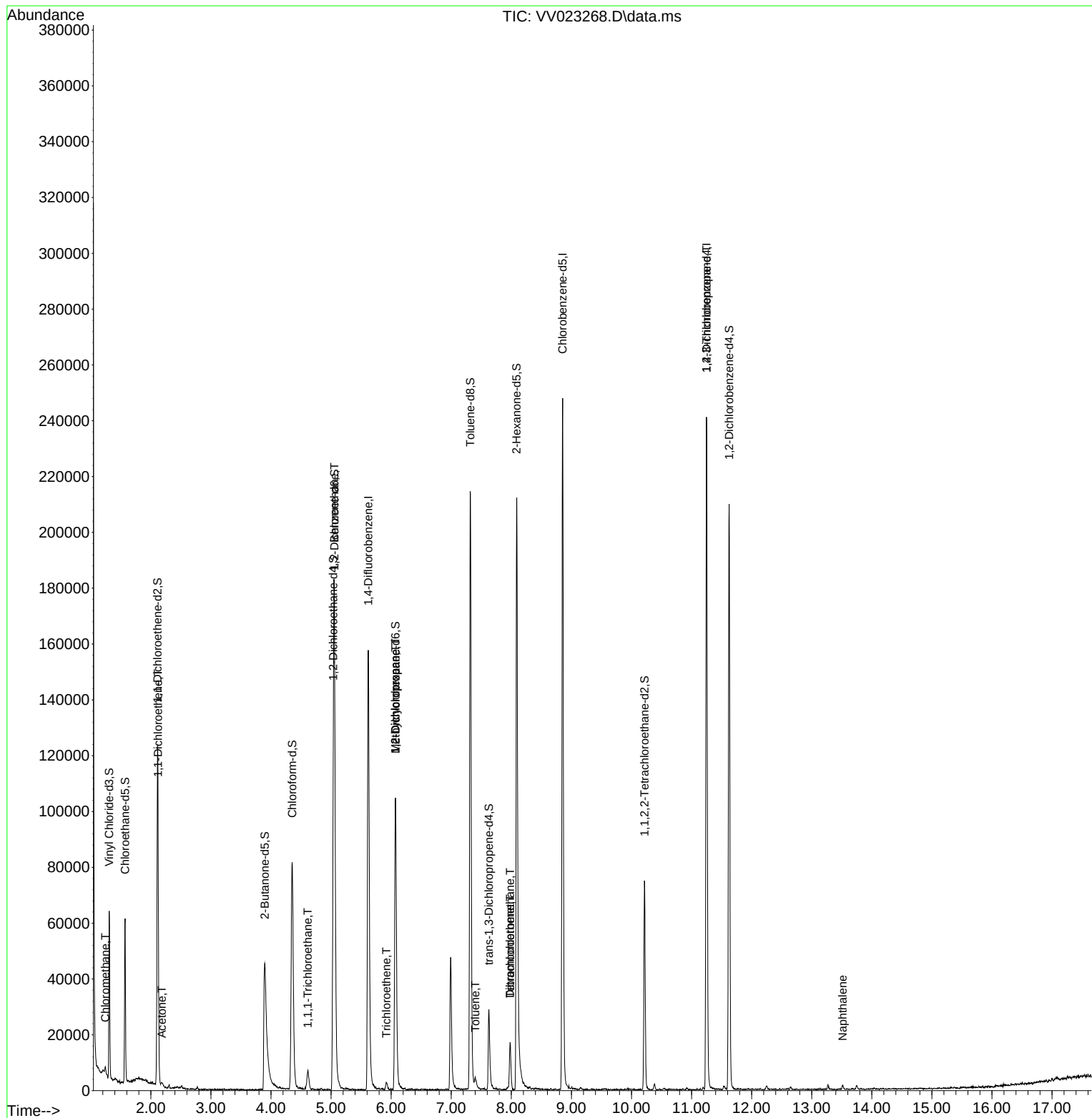
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	138716	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37226	4.284	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.571	69	35193	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.111	63	58599	3.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.896	46	95568	72.789	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.580%#
24) Chloroform-d	4.352	84	84950	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.037	65	40644	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.053	84	167505	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	51255	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.317	98	144883	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.625	79	17681	4.521	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.088	63	71782	49.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34899	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	56086	5.166	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1441	0.125	ug/L	90
12) 1,1-Dichloroethene	2.121	96	9724	1.176	ug/L #	1
13) Acetone	2.182	43	1416	1.459	ug/L #	49
27) 1,2-Dichloroethane	5.056	62	1041	0.107	ug/L #	73
29) 1,1,1-Trichloroethane	4.609	97	5387	0.325	ug/L	94
34) Trichloroethene	5.918	95	594	0.059	ug/L #	46
35) Methylcyclohexane	6.072	83	12324	0.769	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	5692	0.639	ug/L #	83
42) Toluene	7.400	91	3153	0.077	ug/L	88
47) Tetrachloroethene	7.979	164	3930	0.447	ug/L	95
49) Dibromochloromethane	7.982	129	3633	0.448	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7238	1.671	ug/L #	66
71) Naphthalene	13.516	128	1642	0.093	ug/L	96

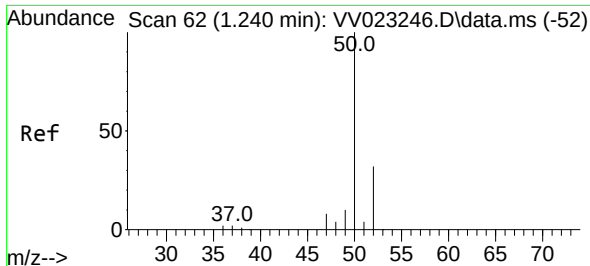
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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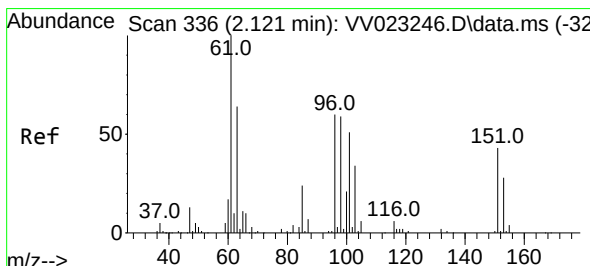
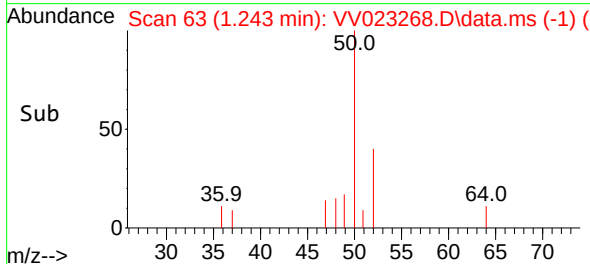
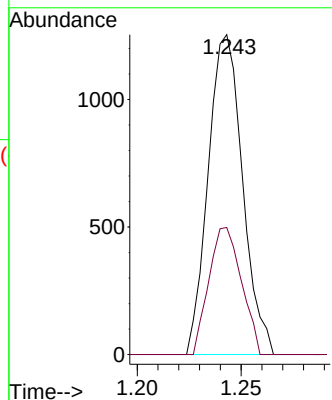
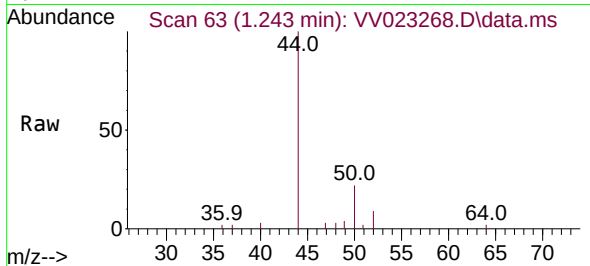




#3
Chloromethane
Concen: 0.125 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023268.D
Acq: 06 Nov 2021 05:37

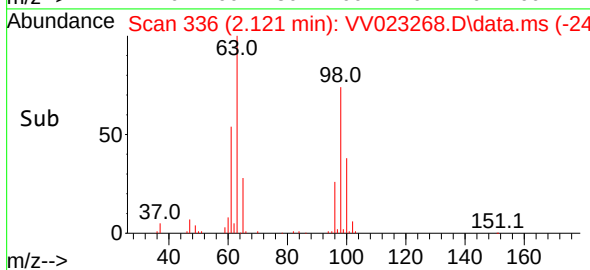
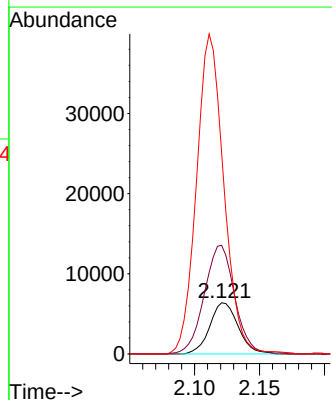
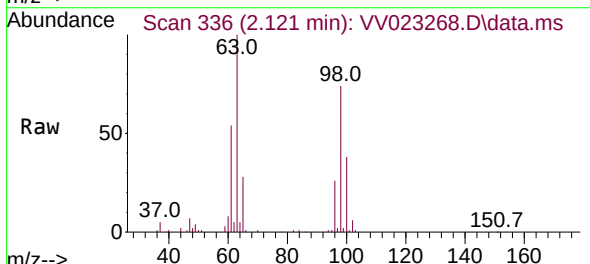
Instrument :
MSVOA_V
ClientSampleId :

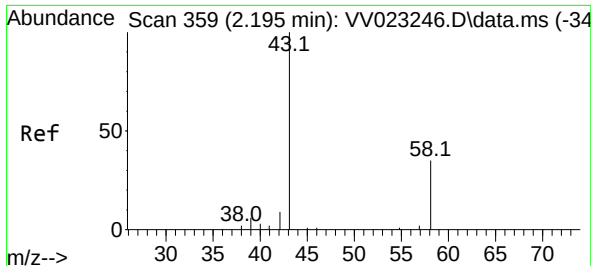
Tgt Ion: 50 Resp: 1441
Ion Ratio Lower Upper
50 100
52 39.7 23.7 43.9



#12
1,1-Dichloroethene
Concen: 1.176 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV023268.D
Acq: 06 Nov 2021 05:37

Tgt Ion: 96 Resp: 9724
Ion Ratio Lower Upper
96 100
61 211.8 117.7 218.7
63 392.0 80.5 149.5#





#13

Acetone

Concen: 1.459 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV023268.D

Acq: 06 Nov 2021 05:37

Instrument :

MSVOA_V

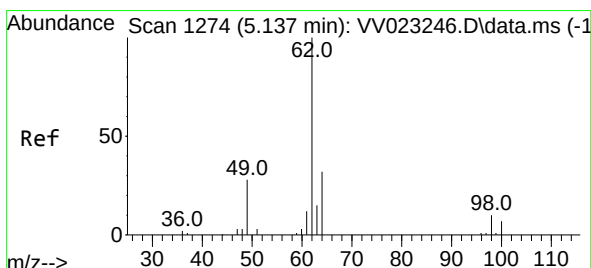
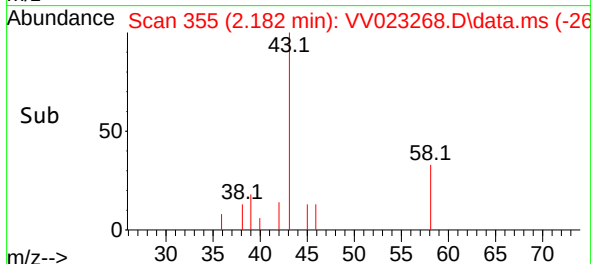
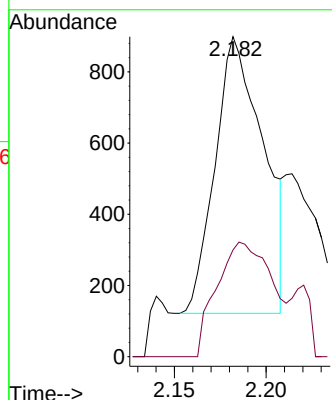
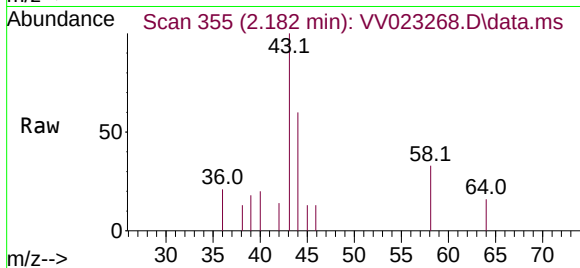
ClientSampleId :

Tgt Ion: 43 Resp: 1416

Ion Ratio Lower Upper

43 100

58 47.8 0.0 45.8#



#27

1,2-Dichloroethane

Concen: 0.107 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.080 min

Lab File: VV023268.D

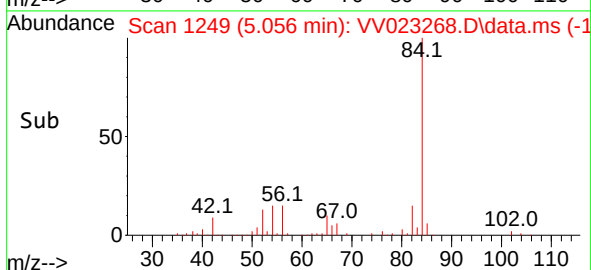
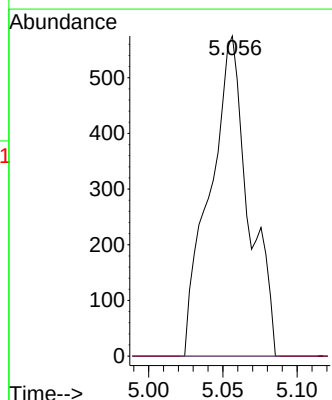
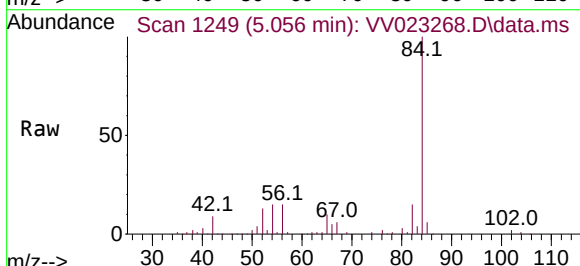
Acq: 06 Nov 2021 05:37

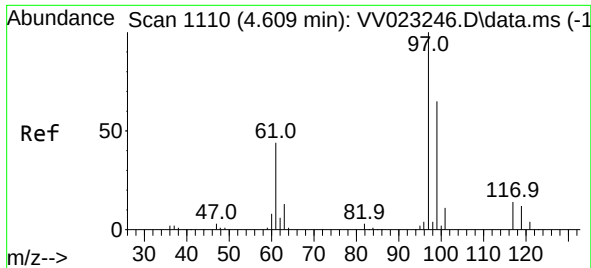
Tgt Ion: 62 Resp: 1041

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#

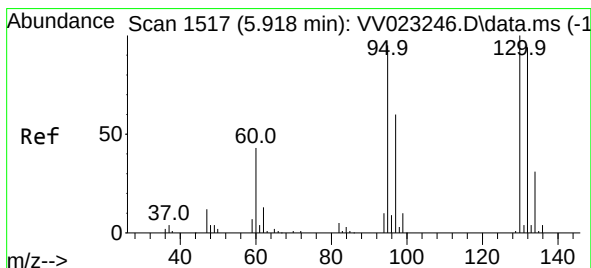
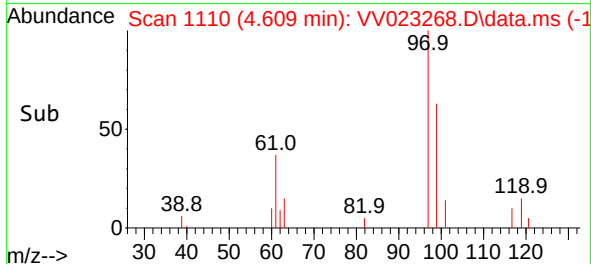
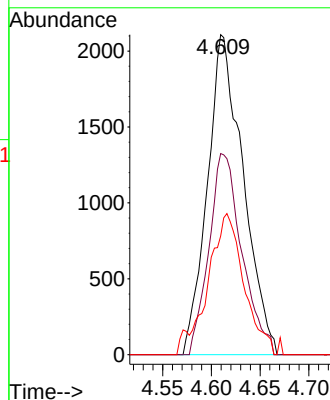
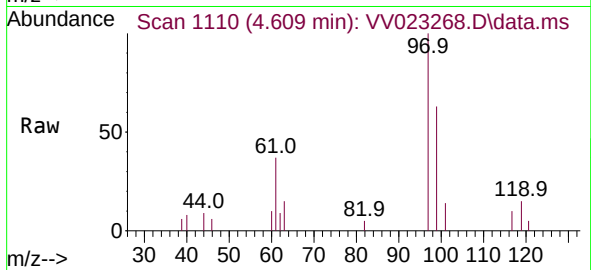




#29
1,1,1-Trichloroethane
Concen: 0.325 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV023268.D
Acq: 06 Nov 2021 05:37

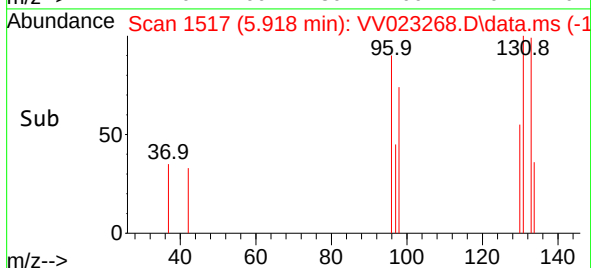
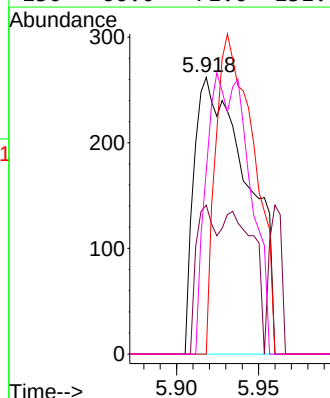
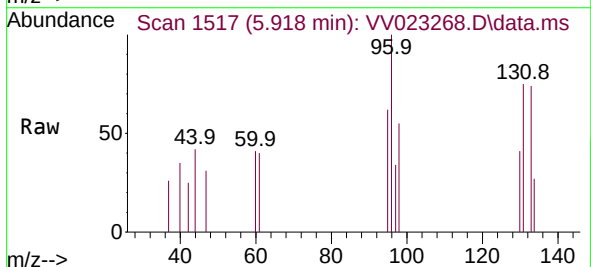
Instrument :
MSVOA_V
ClientSampleId :

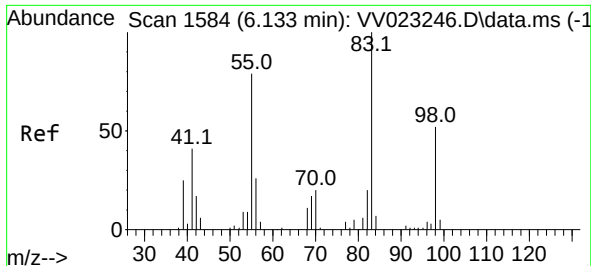
Tgt Ion: 97	Resp: 5387		
Ion Ratio	Lower	Upper	
97	100		
99	57.9	51.3	76.9
61	44.5	33.5	50.3



#34
Trichloroethene
Concen: 0.059 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV023268.D
Acq: 06 Nov 2021 05:37

Tgt Ion: 95	Resp: 594
Ion Ratio	Lower Upper
95 100	
97 53.8	43.3 80.5
132 0.0	70.0 130.0#
130 66.0	71.0 131.8#





#35

Methylcyclohexane

Concen: 0.769 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023268.D

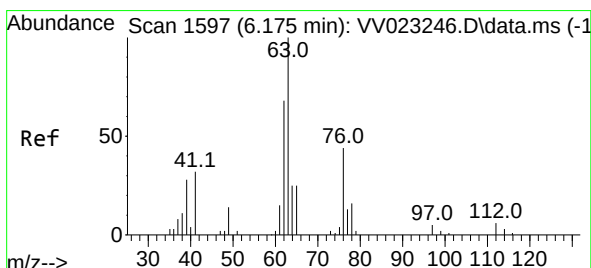
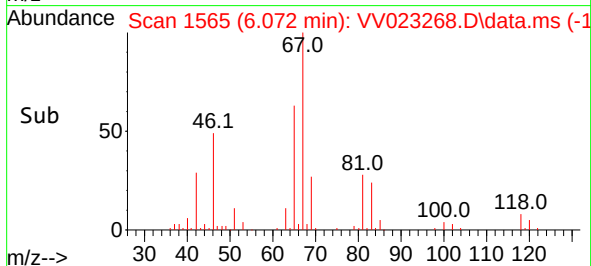
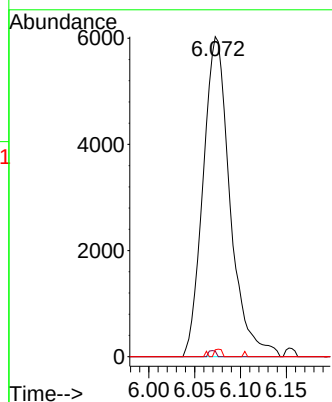
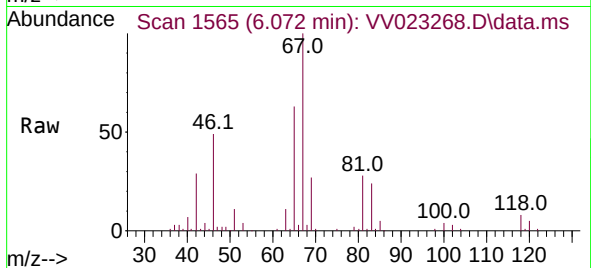
Acq: 06 Nov 2021 05:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	12324
Ion Ratio	Lower	Upper
83	100	
55	0.5	59.6 89.4#
98	0.6	40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.639 ug/L

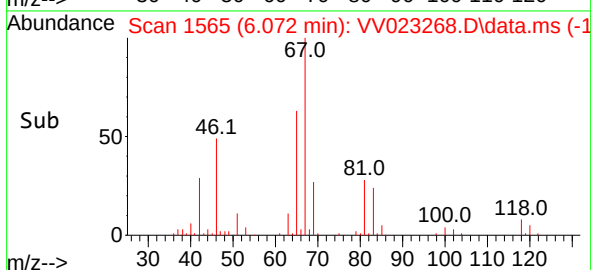
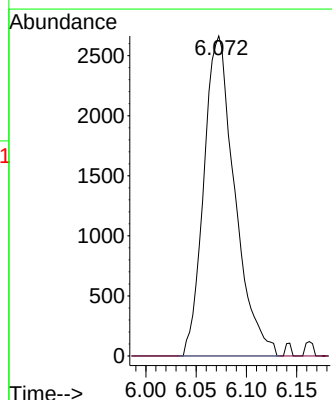
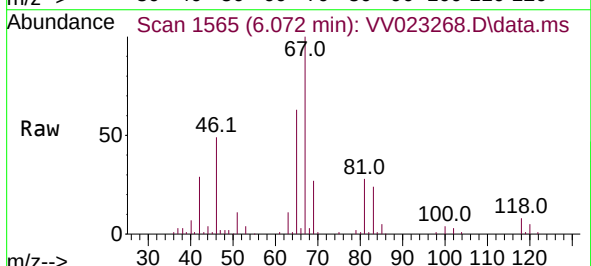
RT: 6.072 min Scan# 1565

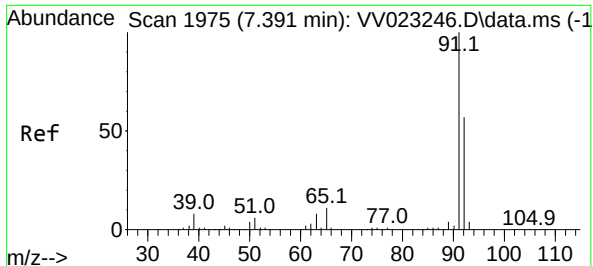
Delta R.T. -0.103 min

Lab File: VV023268.D

Acq: 06 Nov 2021 05:37

Tgt Ion: 63	Resp:	5692
Ion Ratio	Lower	Upper
63	100	
112	0.0	4.5 6.7#

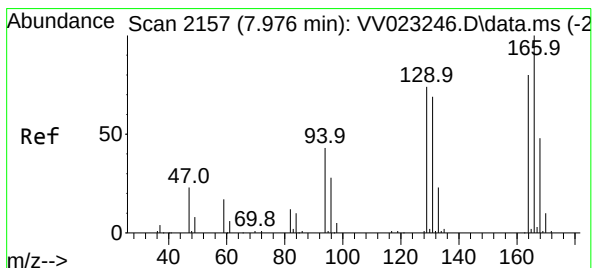
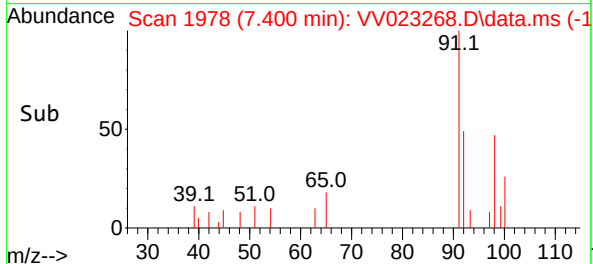
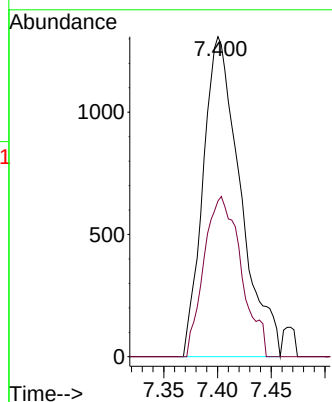
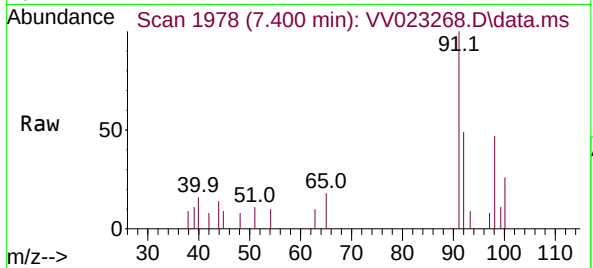




#42
Toluene
Concen: 0.077 ug/L
RT: 7.400 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV023268.D
Acq: 06 Nov 2021 05:37

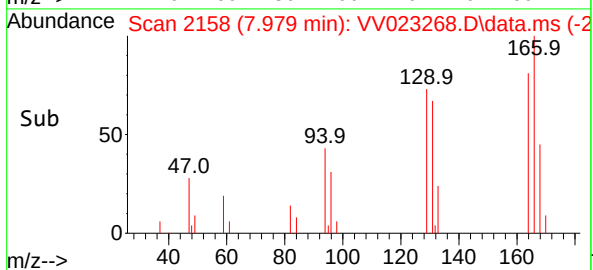
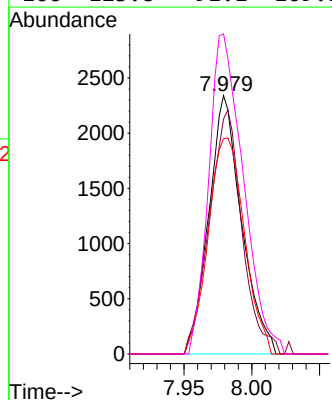
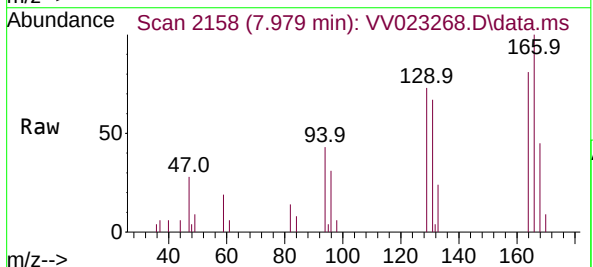
Instrument :
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ClientSampleId :

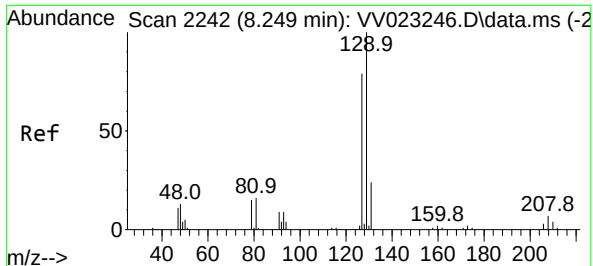
Tgt Ion: 91 Resp: 3153
Ion Ratio Lower Upper
91 100
92 48.7 40.4 75.0



#47
Tetrachloroethene
Concen: 0.447 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023268.D
Acq: 06 Nov 2021 05:37

Tgt Ion: 164 Resp: 3930
Ion Ratio Lower Upper
164 100
129 90.9 65.5 121.7
131 83.3 63.9 118.7
166 123.8 91.1 169.1





#49

Dibromochloromethane

Concen: 0.448 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.267 min

Lab File: VV023268.D

Acq: 06 Nov 2021 05:37

Instrument :

MSVOA_V

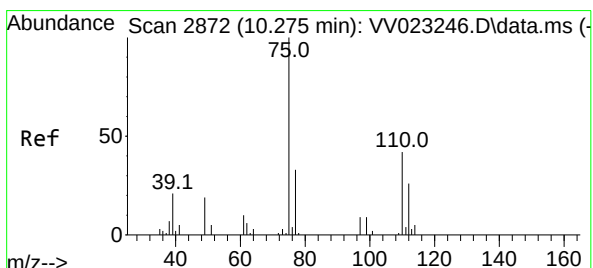
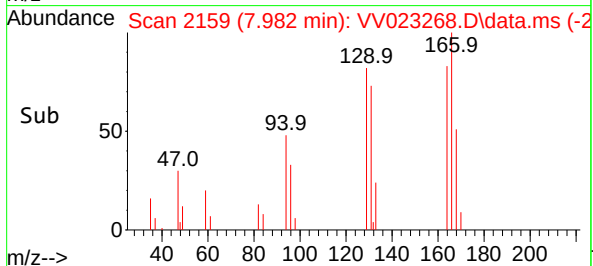
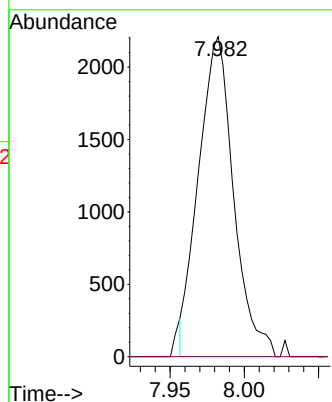
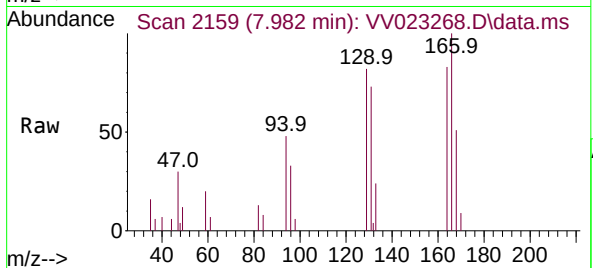
ClientSampleId :

Tgt Ion:129 Resp: 3633

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#



#61

1,2,3-Trichloropropane

Concen: 1.671 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023268.D

Acq: 06 Nov 2021 05:37

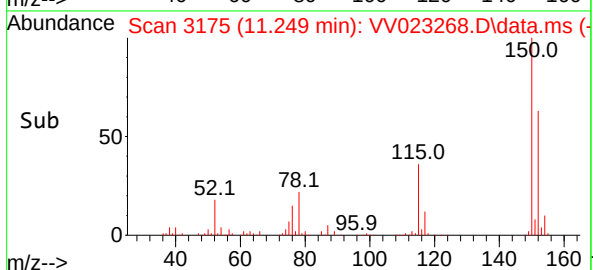
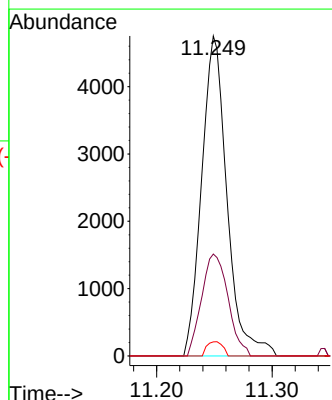
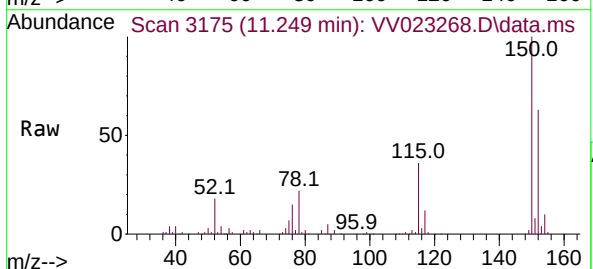
Tgt Ion: 75 Resp: 7238

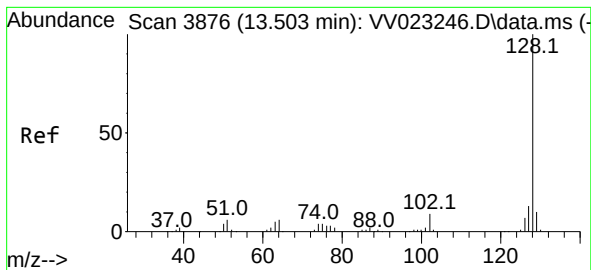
Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

110 2.8 33.0 49.4#





#71

Naphthalene

Concen: 0.093 ug/L

RT: 13.516 min Scan# 3880

Delta R.T. 0.013 min

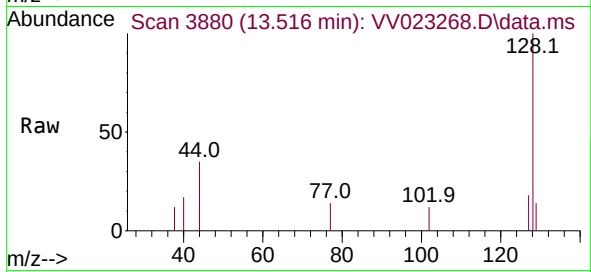
Lab File: VV023268.D

Acq: 06 Nov 2021 05:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1642

Ion Ratio Lower Upper

128 100

129 10.1 8.6 12.8

127 10.7 10.2 15.2

