

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023269.D
 Acq On : 06 Nov 2021 06:00
 Operator : SY/MD
 Sample : M4545-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:51:21 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

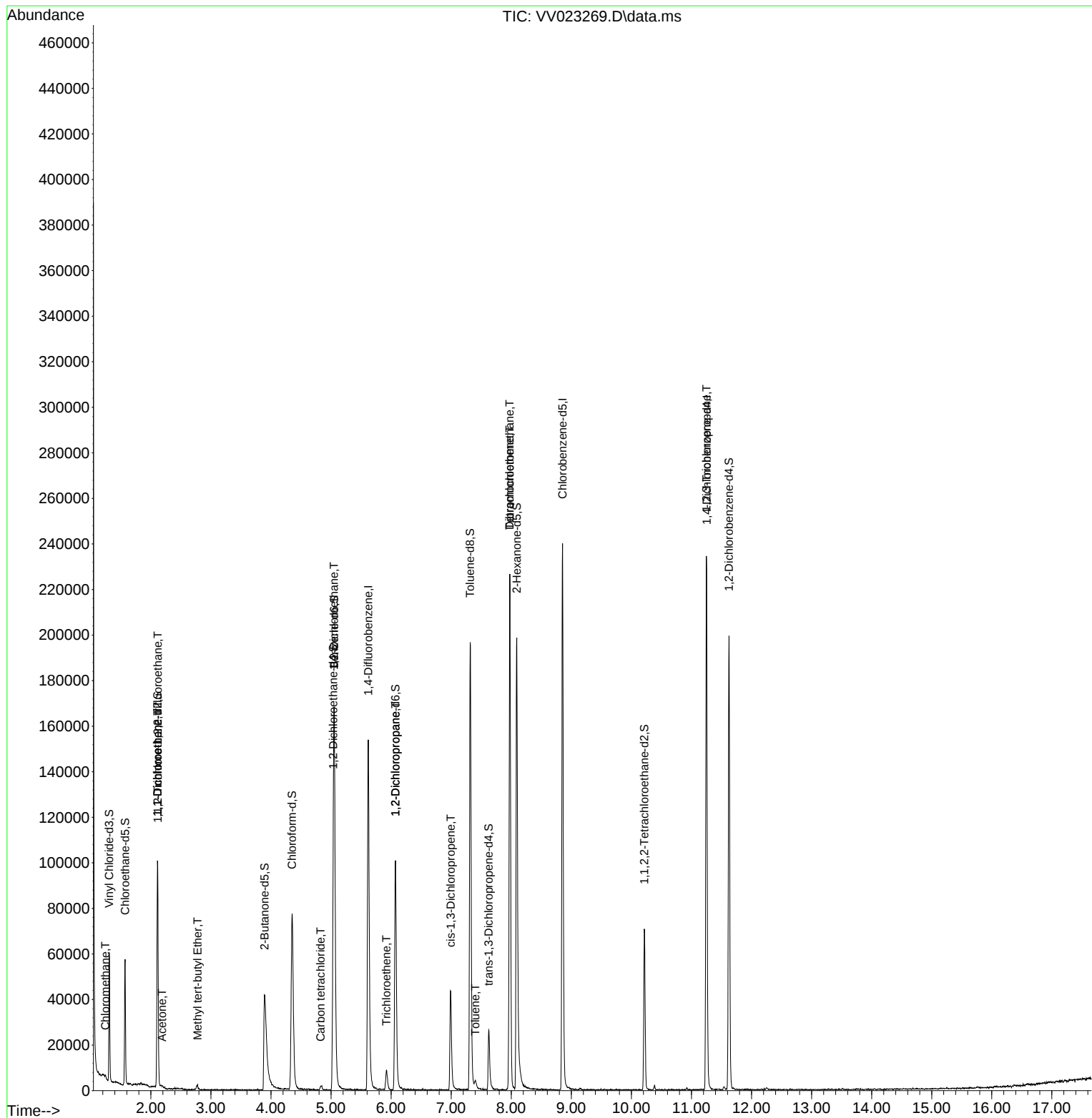
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136739	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35799	4.179	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.571	69	32243	4.618	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.111	63	51746	3.227	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.892	46	86090	66.518	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.040%#	
24) Chloroform-d	4.352	84	81166	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.037	65	39141	4.768	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.053	84	154589	4.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.072	67	46777	4.598	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.317	98	133115	4.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16105	4.175	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.091	63	64662	45.563	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.120%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32740	4.475	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51941	4.924	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	809	0.071	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1008	0.118	ug/L #	55
12) 1,1-Dichloroethene	2.111	96	503	0.062	ug/L #	1
13) Acetone	2.185	43	2608	2.726	ug/L	98
17) Methyl tert-butyl Ether	2.777	73	1807	0.101	ug/L #	88
27) 1,2-Dichloroethane	5.047	62	966	0.101	ug/L #	73
31) Carbon tetrachloride	4.828	117	1413	0.096	ug/L	88
34) Trichloroethene	5.921	95	2939	0.294	ug/L	88
37) 1,2-Dichloropropane	6.072	63	5562	0.633	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1291	0.102	ug/L #	59
42) Toluene	7.403	91	2737	0.068	ug/L	87
47) Tetrachloroethene	7.976	164	49832	5.744	ug/L	96
49) Dibromochloromethane	7.976	129	43643	5.455	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6642	1.578	ug/L #	66

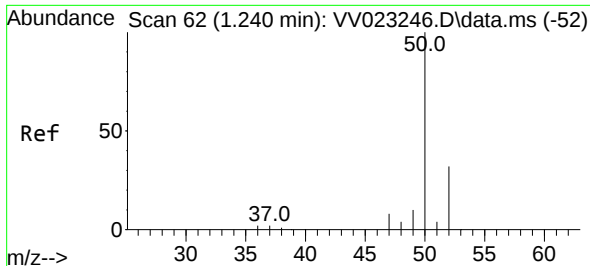
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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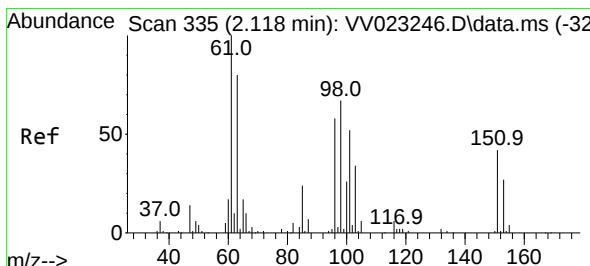
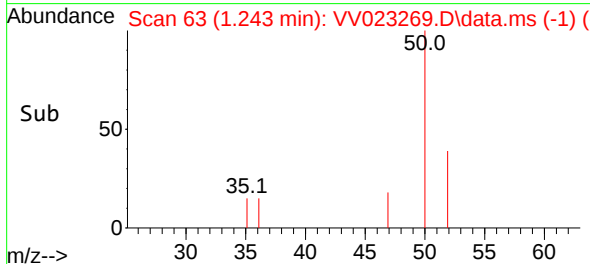
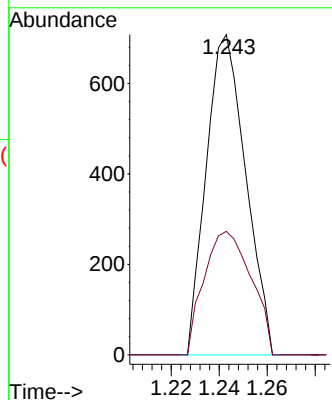
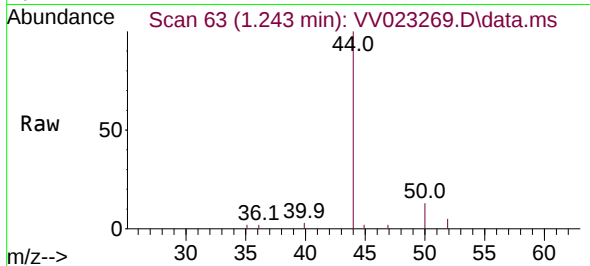




#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

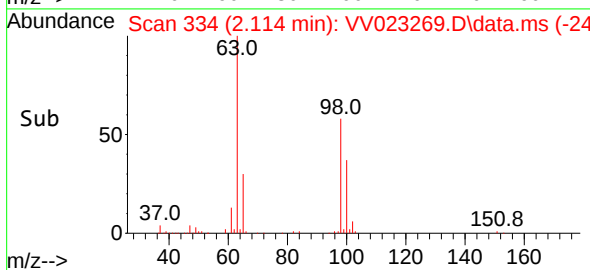
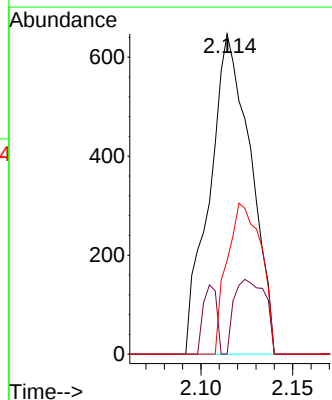
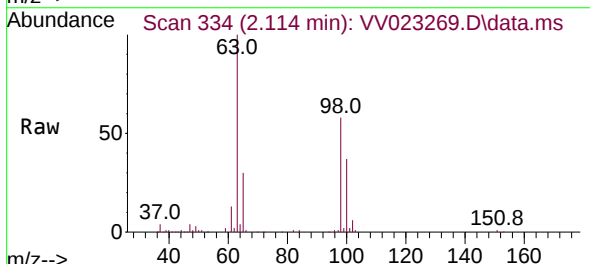
Instrument :
MSVOA_V
ClientSampleId :

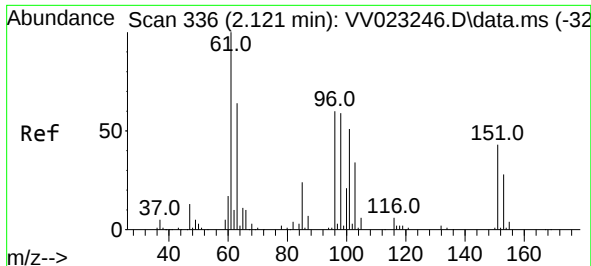
Tgt Ion: 50 Resp: 809
Ion Ratio Lower Upper
50 100
52 38.6 23.7 43.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.118 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

Tgt Ion: 101 Resp: 1008
Ion Ratio Lower Upper
101 100
85 17.6 35.4 53.0#
151 39.1 64.3 96.5#





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023269.D

Acq: 06 Nov 2021 06:00

Instrument :

MSVOA_V

ClientSampleId :

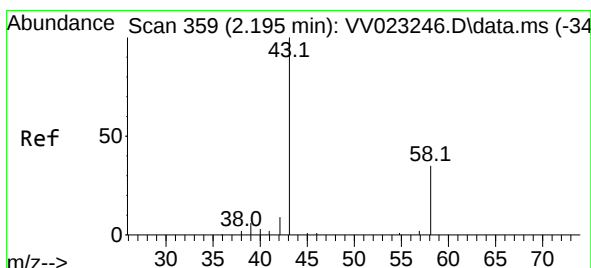
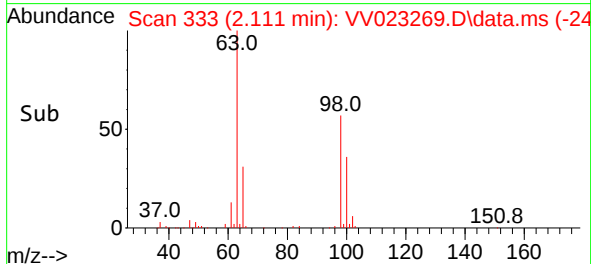
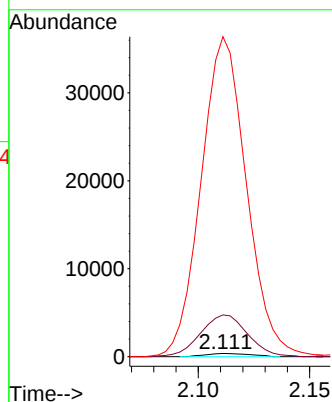
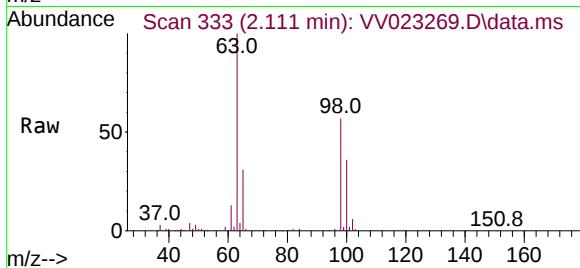
Tgt Ion: 96 Resp: 503

Ion Ratio Lower Upper

96 100

61 1334.3 117.7 218.7#

63 10222.5 80.5 149.5#



#13

Acetone

Concen: 2.726 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.010 min

Lab File: VV023269.D

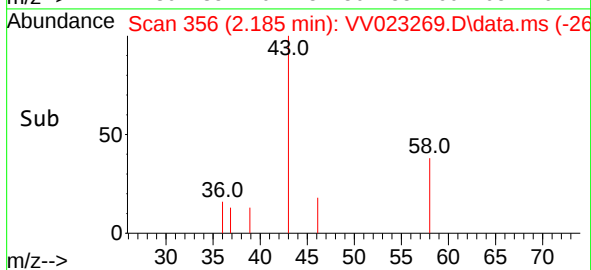
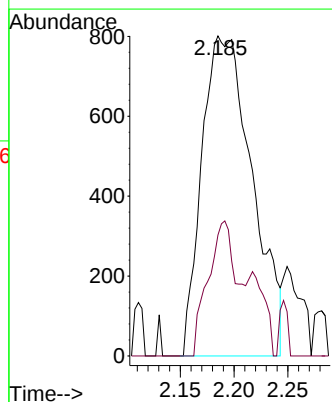
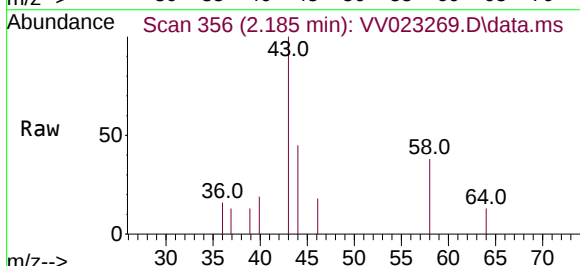
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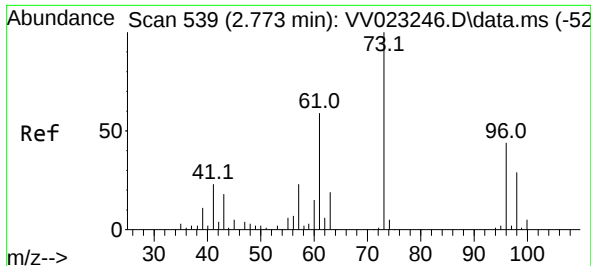
Tgt Ion: 43 Resp: 2608

Ion Ratio Lower Upper

43 100

58 21.7 0.0 45.8

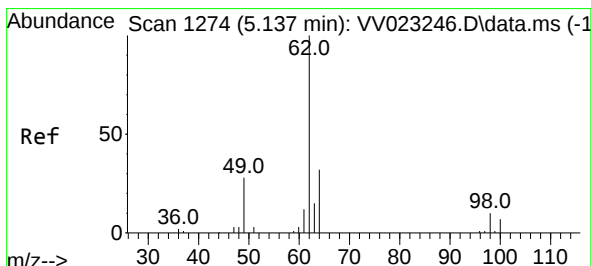
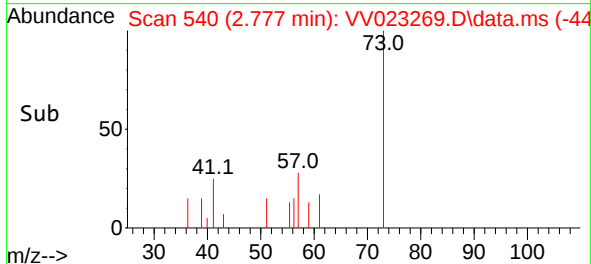
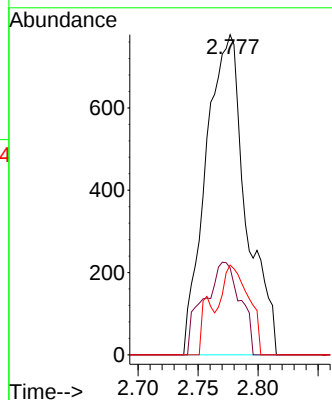
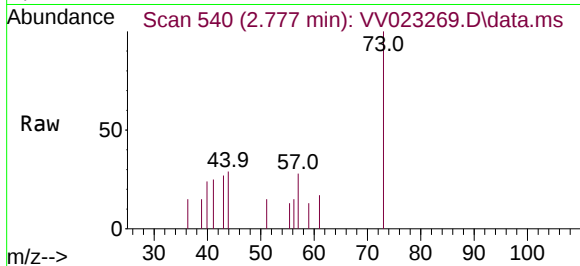




#17
Methyl tert-butyl Ether
Concen: 0.101 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

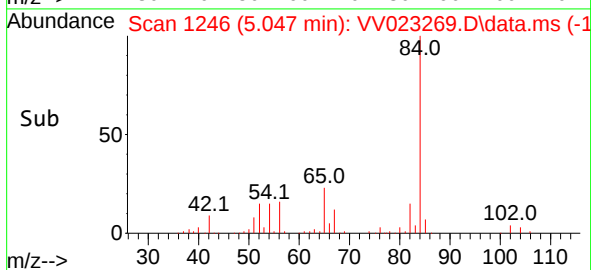
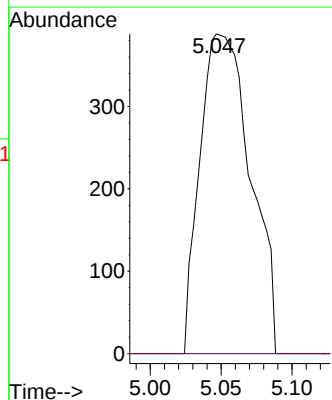
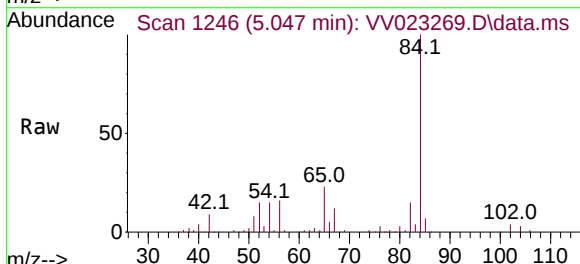
Instrument :
MSVOA_V
ClientSampleId :

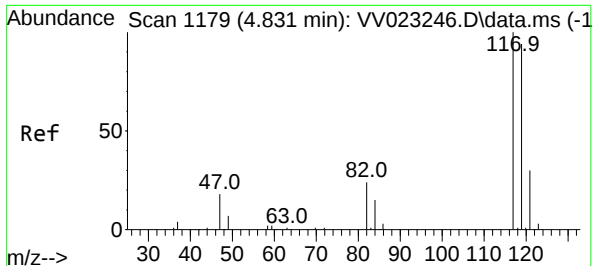
Tgt Ion: 73 Resp: 1807
Ion Ratio Lower Upper
73 100
43 26.2 14.2 21.4#
57 19.0 17.8 26.8



#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.090 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

Tgt Ion: 62 Resp: 966
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#

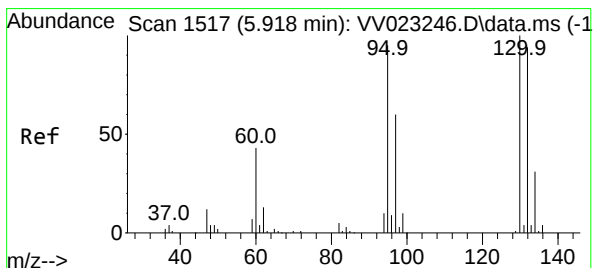
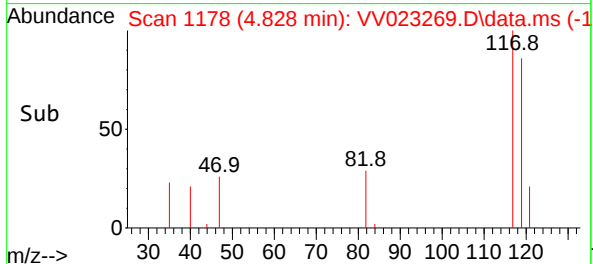
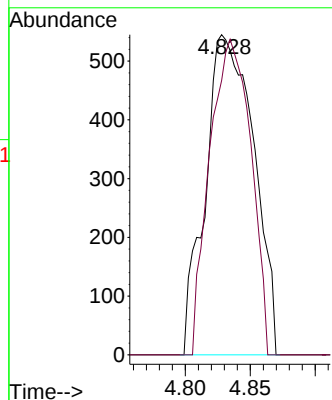
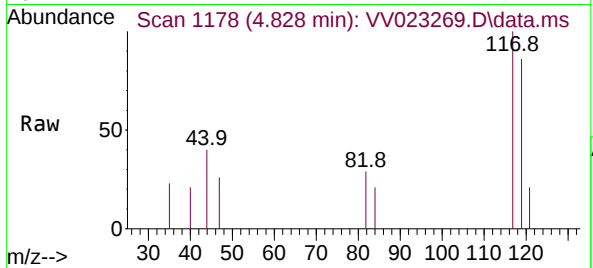




#31
Carbon tetrachloride
Concen: 0.096 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

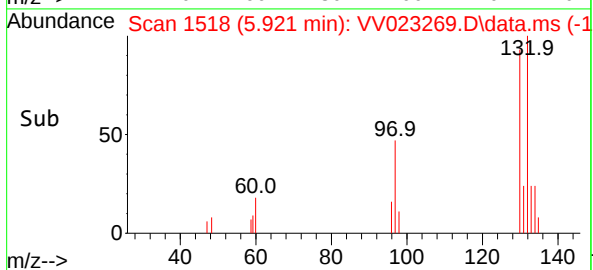
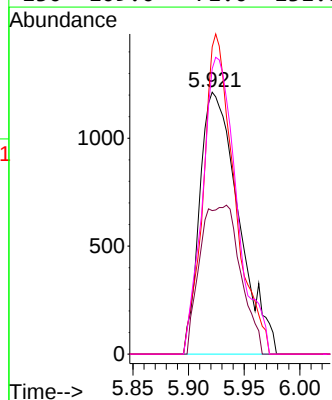
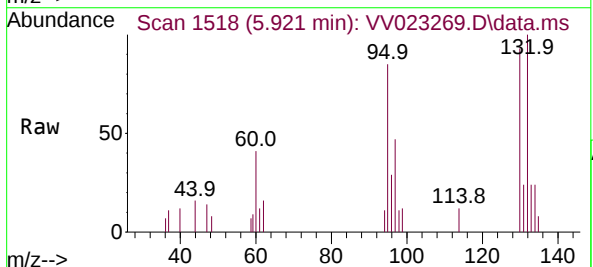
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MSVOA_V
ClientSampleId :

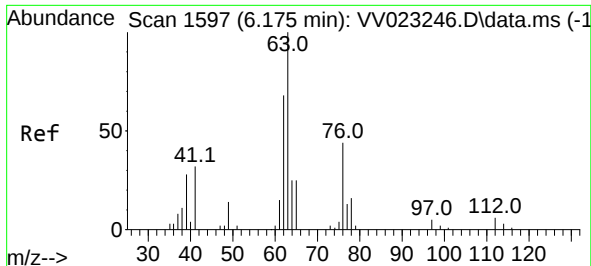
Tgt Ion:117 Resp: 1413
Ion Ratio Lower Upper
117 100
119 83.7 76.6 114.8



#34
Trichloroethene
Concen: 0.294 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

Tgt Ion: 95 Resp: 2939
Ion Ratio Lower Upper
95 100
97 54.8 43.3 80.5
132 117.3 70.0 130.0
130 109.0 71.0 131.8





#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023269.D

Acq: 06 Nov 2021 06:00

Instrument :

MSVOA_V

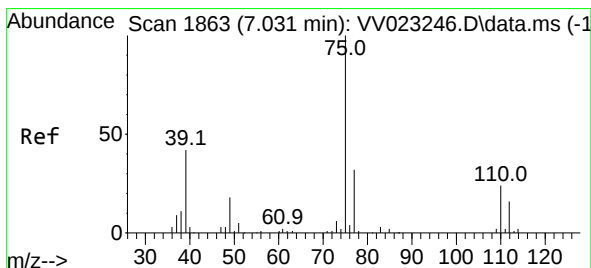
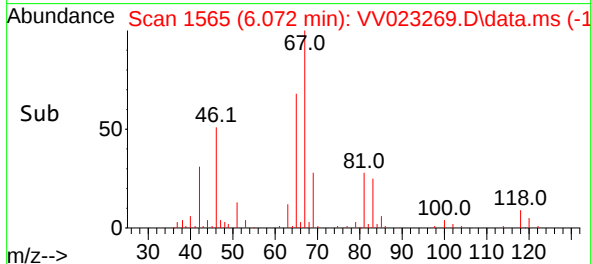
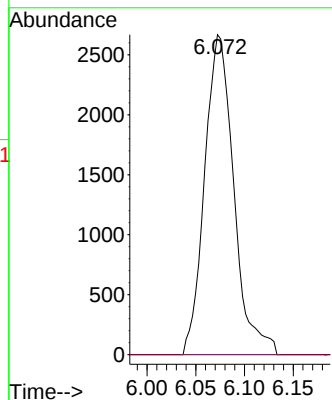
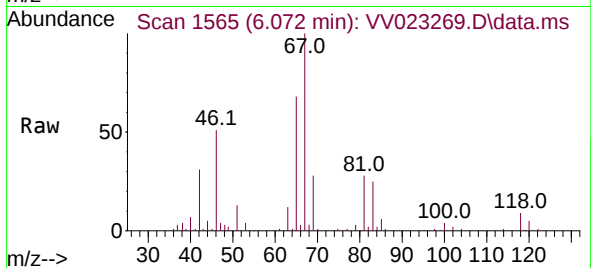
ClientSampleId :

Tgt Ion: 63 Resp: 5562

Ion Ratio Lower Upper

63 100

112 0.0 4.5 6.7#



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV023269.D

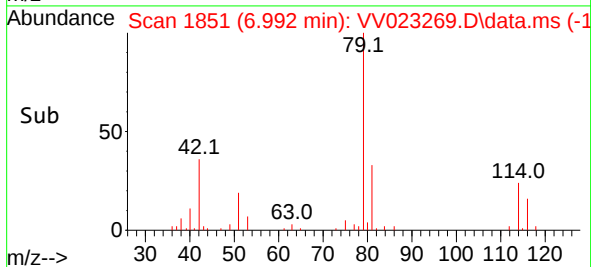
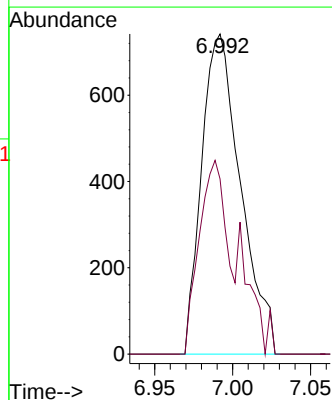
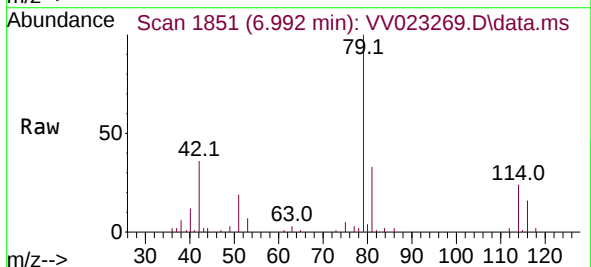
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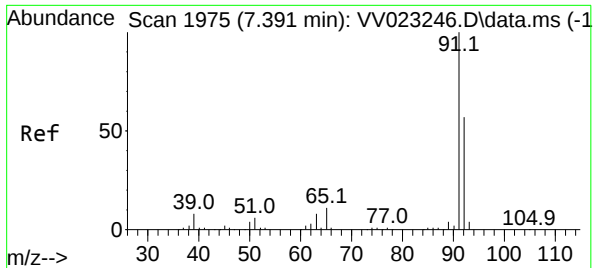
Tgt Ion: 75 Resp: 1291

Ion Ratio Lower Upper

75 100

77 54.7 22.3 41.3#

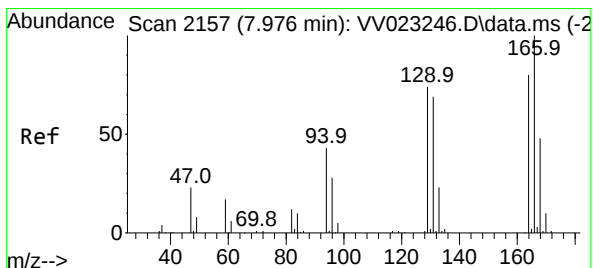
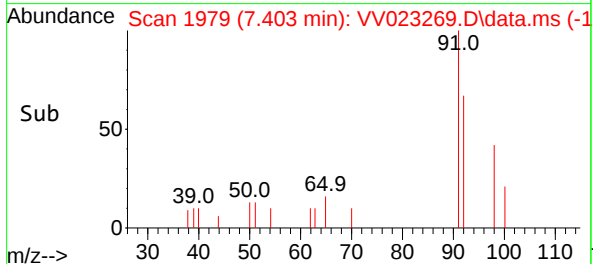
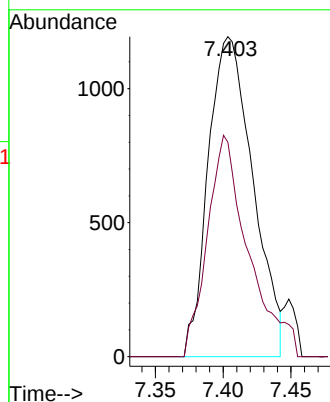
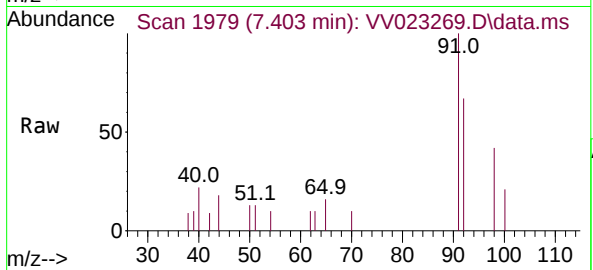




#42
Toluene
Concen: 0.068 ug/L
RT: 7.403 min Scan# 1975
Delta R.T. 0.013 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

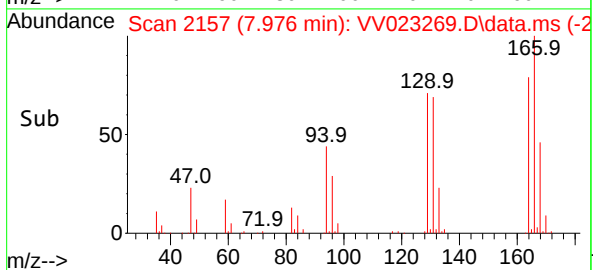
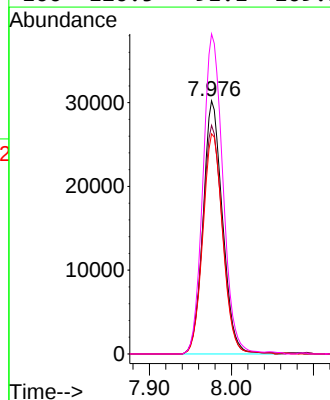
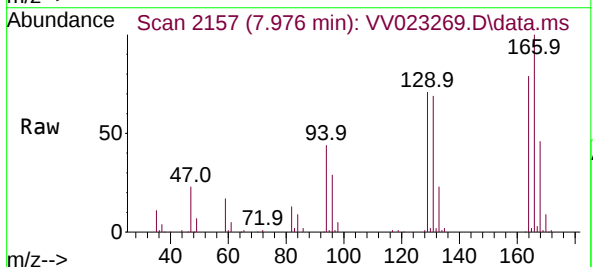
Instrument :
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ClientSampleId :

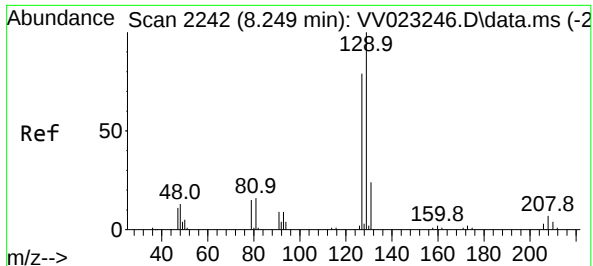
Tgt Ion: 91 Resp: 2737
Ion Ratio Lower Upper
91 100
92 67.0 40.4 75.0



#47
Tetrachloroethene
Concen: 5.744 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023269.D
Acq: 06 Nov 2021 06:00

Tgt Ion: 164 Resp: 49832
Ion Ratio Lower Upper
164 100
129 90.4 65.5 121.7
131 87.0 63.9 118.7
166 126.5 91.1 169.1





#49

Dibromochloromethane

Concen: 5.455 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV023269.D

Acq: 06 Nov 2021 06:00

Instrument :

MSVOA_V

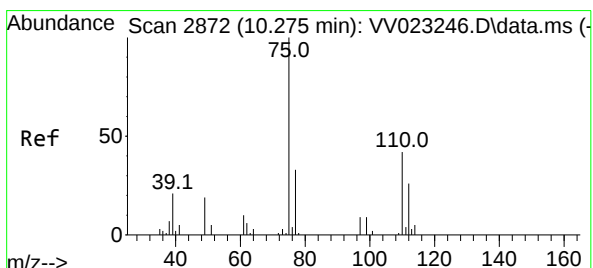
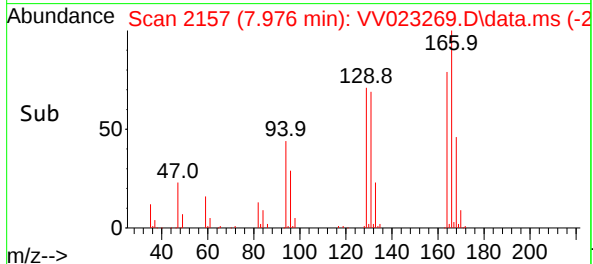
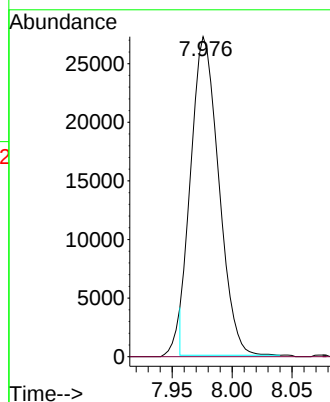
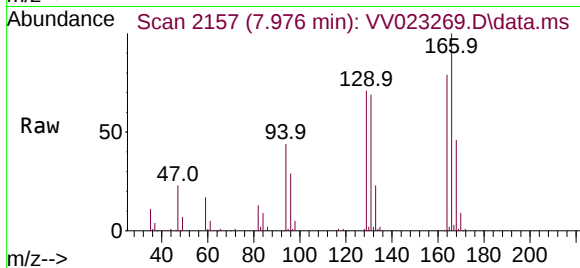
ClientSampleId :

Tgt Ion:129 Resp: 43643

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#



#61

1,2,3-Trichloropropane

Concen: 1.578 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023269.D

Acq: 06 Nov 2021 06:00

Tgt Ion: 75 Resp: 6642

Ion Ratio Lower Upper

75 100

77 32.9 26.6 39.8

110 3.3 33.0 49.4#

