

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023270.D
 Acq On : 06 Nov 2021 06:23
 Operator : SY/MD
 Sample : M4545-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:51:34 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

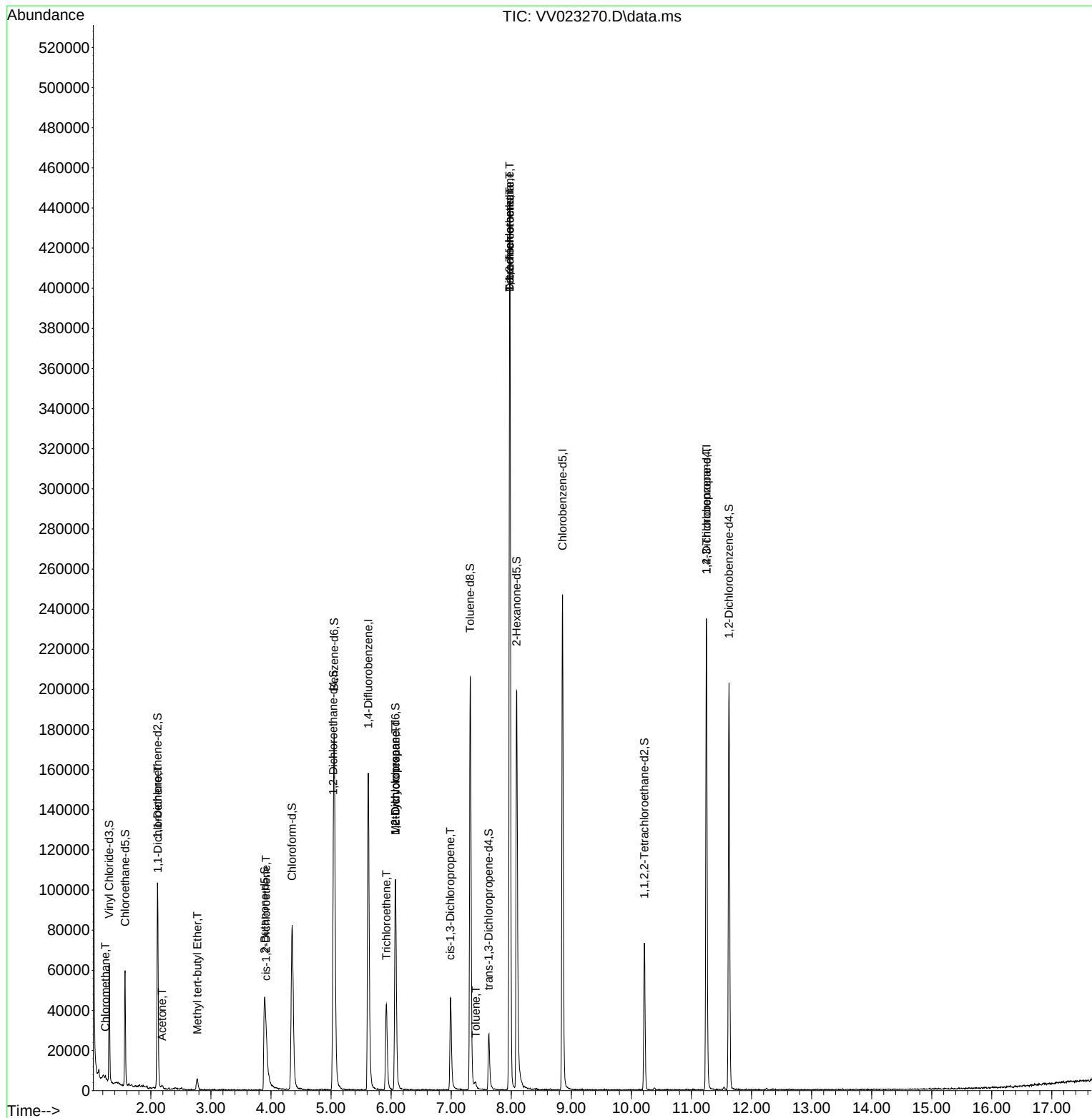
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	140333	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	138811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37110	4.221	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.571	69	34262	4.782	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.111	63	53344	3.241	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.800%	
20) 2-Butanone-d5	3.892	46	87504	65.879	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.760%#	
24) Chloroform-d	4.352	84	82934	4.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.037	65	40925	4.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.053	84	163174	4.581	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.072	67	50390	4.806	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.317	98	137066	4.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16600	4.176	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.088	63	67439	46.106	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.220%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33652	4.463	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53464	4.955	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	596	0.051	ug/L #	71
12) 1,1-Dichloroethene	2.118	96	523	0.062	ug/L #	1
13) Acetone	2.185	43	2211	2.252	ug/L	74
17) Methyl tert-butyl Ether	2.773	73	4523	0.246	ug/L #	94
22) cis-1,2-Dichloroethene	3.918	96	4060	0.410	ug/L	90
34) Trichloroethene	5.921	95	14901	1.444	ug/L	97
35) Methylcyclohexane	6.072	83	12547	0.770	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	5926	0.654	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1281	0.098	ug/L #	71
42) Toluene	7.410	91	2590	0.062	ug/L	91
45) 1,1,2-Trichloroethane	7.976	97	762	0.117	ug/L #	1
47) Tetrachloroethene	7.976	164	98889	11.059	ug/L	97
49) Dibromochloromethane	7.976	129	86453	10.484	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7406	1.720	ug/L #	63

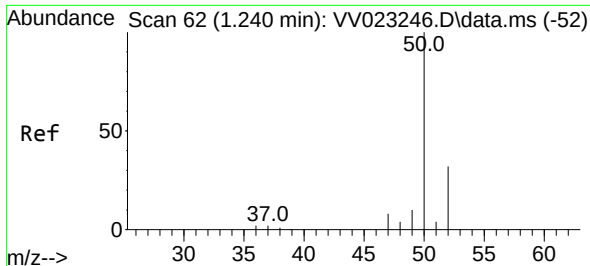
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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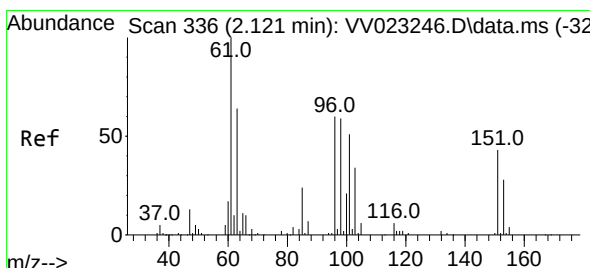
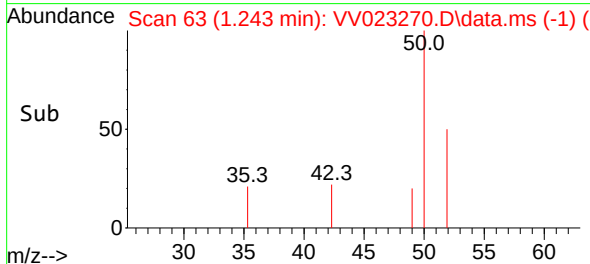
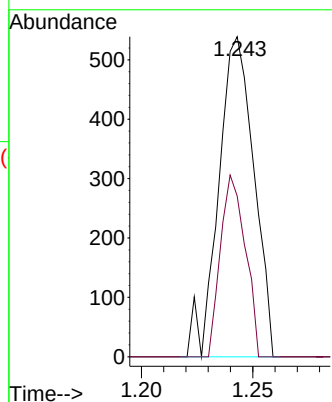
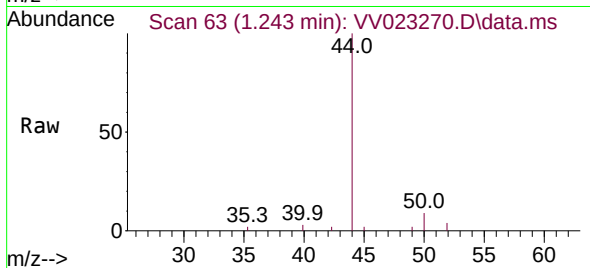




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023270.D
Acq: 06 Nov 2021 06:23

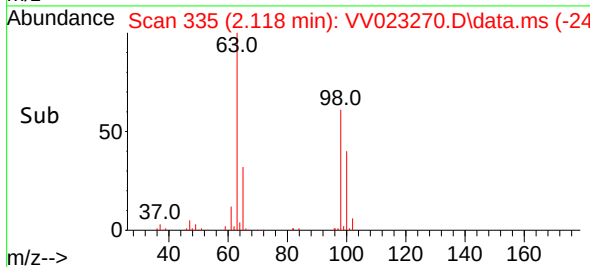
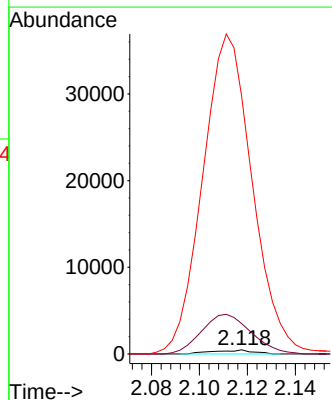
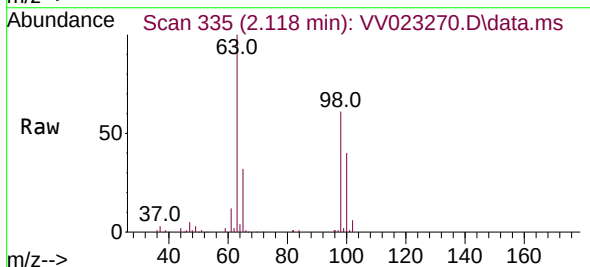
Instrument :
MSVOA_V
ClientSampleId :

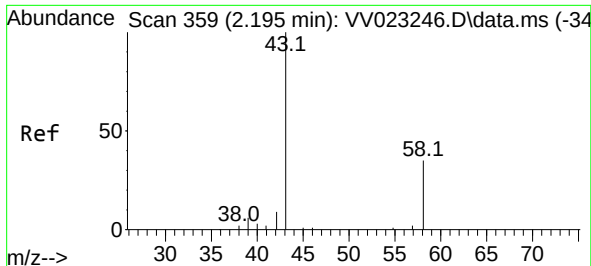
Tgt Ion: 50 Resp: 596
Ion Ratio Lower Upper
50 100
52 50.3 23.7 43.9#



#12
1,1-Dichloroethene
Concen: 0.062 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023270.D
Acq: 06 Nov 2021 06:23

Tgt Ion: 96 Resp: 523
Ion Ratio Lower Upper
96 100
61 736.3 117.7 218.7#
63 6235.6 80.5 149.5#

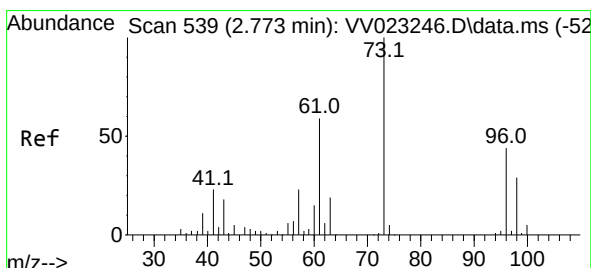
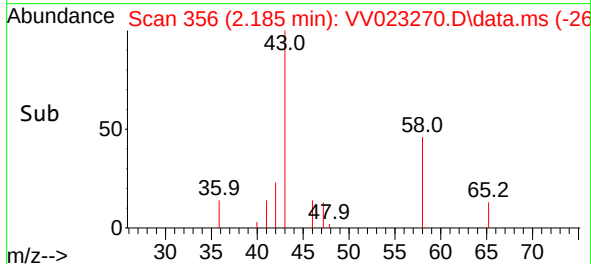
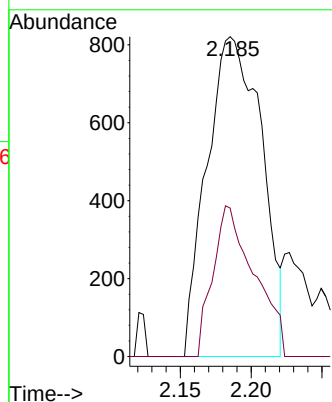
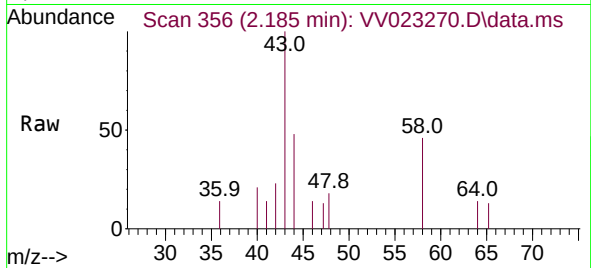




#13
Acetone
Concen: 2.252 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023270.D
Acq: 06 Nov 2021 06:23

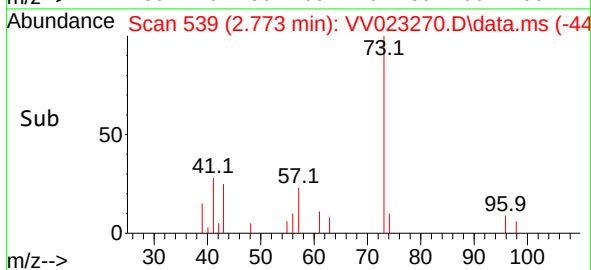
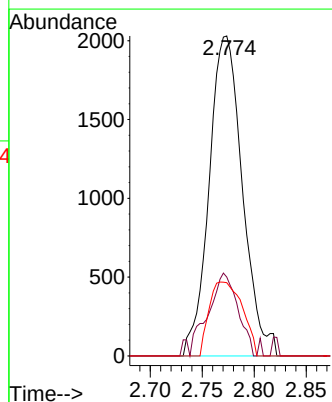
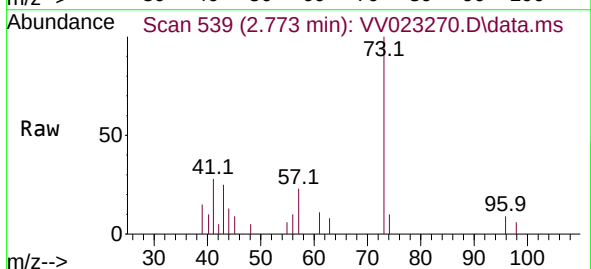
Instrument :
MSVOA_V
ClientSampleId :

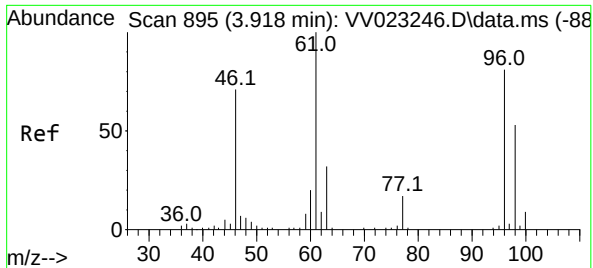
Tgt Ion: 43 Resp: 2211
Ion Ratio Lower Upper
43 100
58 35.6 0.0 45.8



#17
Methyl tert-butyl Ether
Concen: 0.246 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV023270.D
Acq: 06 Nov 2021 06:23

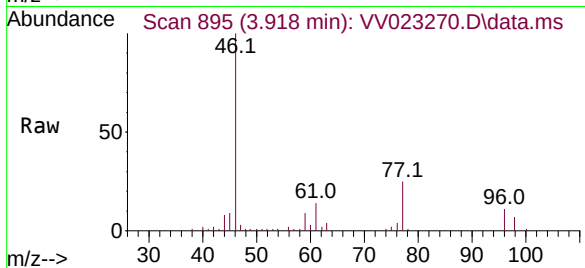
Tgt Ion: 73 Resp: 4523
Ion Ratio Lower Upper
73 100
43 23.1 14.2 21.4#
57 22.9 17.8 26.8



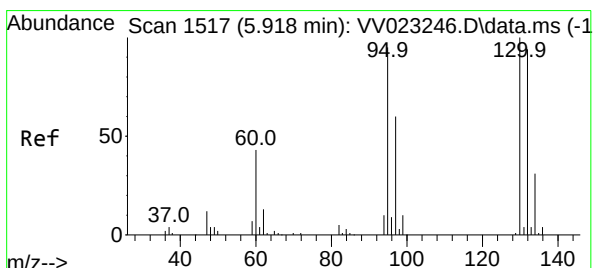
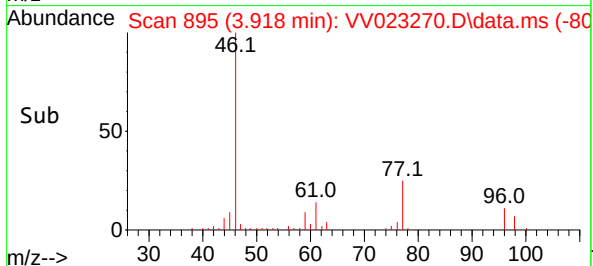
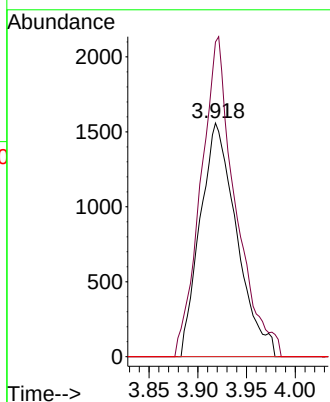


#22
cis-1,2-Dichloroethene
Concen: 0.410 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.000 min
Lab File: VV023270.D
Acq: 06 Nov 2021 06:23

Instrument :
MSVOA_V
ClientSampleId :

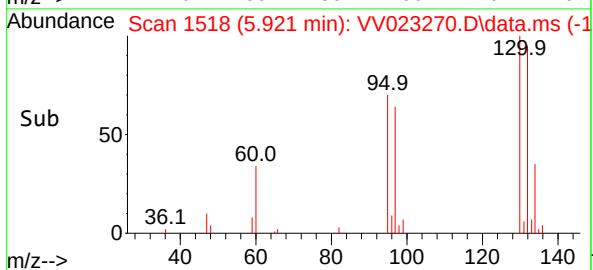
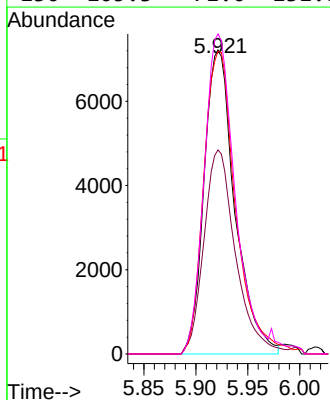
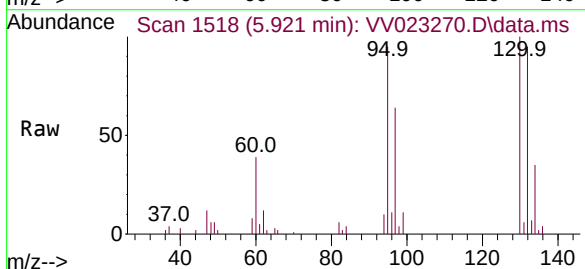


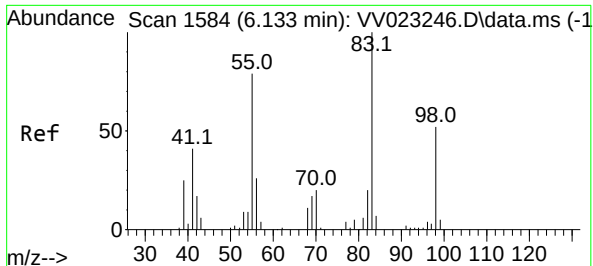
Tgt Ion: 96 Resp: 4060
Ion Ratio Lower Upper
96 100
61 134.7 86.7 160.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.444 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV023270.D
Acq: 06 Nov 2021 06:23

Tgt Ion: 95 Resp: 14901
Ion Ratio Lower Upper
95 100
97 67.1 43.3 80.5
132 99.6 70.0 130.0
130 105.3 71.0 131.8





#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV023270.D

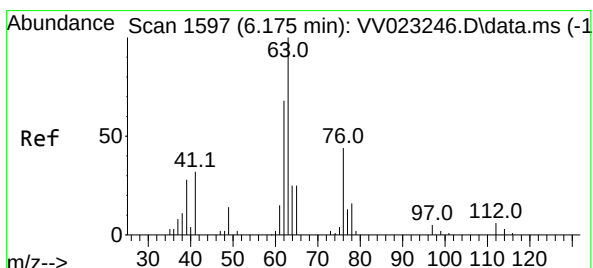
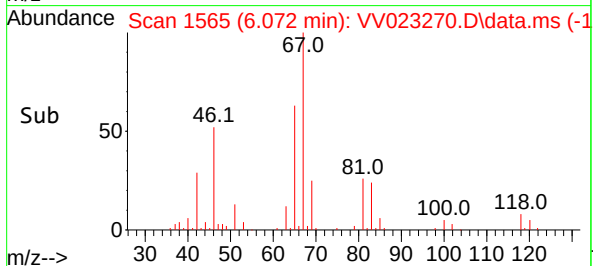
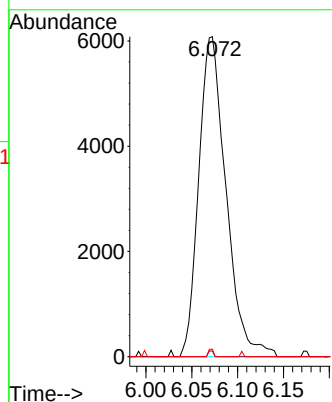
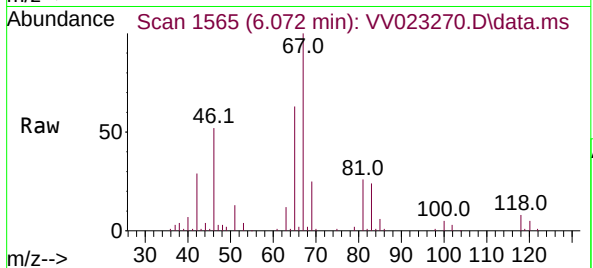
Acq: 06 Nov 2021 06:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 12547
Ion Ratio	Lower Upper
83	100
55	0.3 59.6 89.4#
98	0.4 40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.654 ug/L

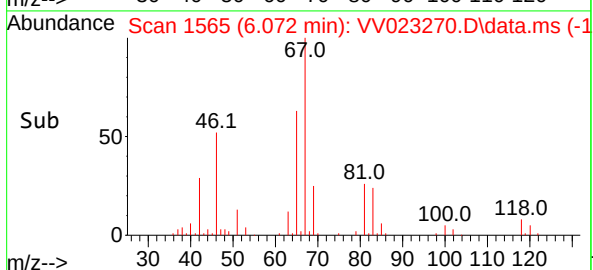
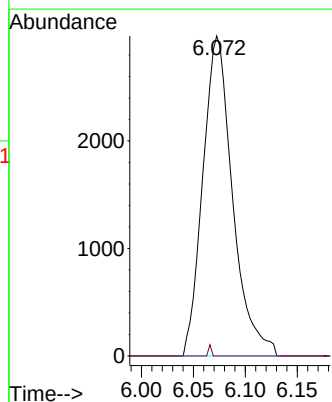
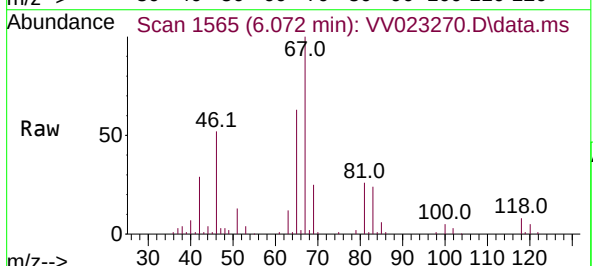
RT: 6.072 min Scan# 1565

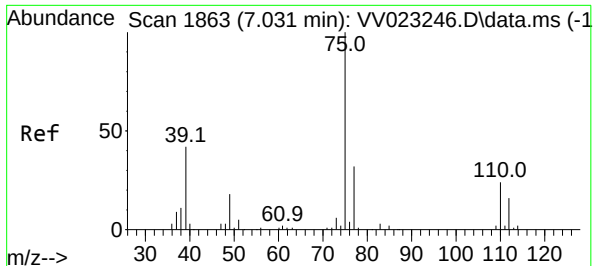
Delta R.T. -0.103 min

Lab File: VV023270.D

Acq: 06 Nov 2021 06:23

Tgt Ion: 63	Resp: 5926
Ion Ratio	Lower Upper
63	100
112	0.3 4.5 6.7#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV023270.D

Acq: 06 Nov 2021 06:23

Instrument :

MSVOA_V

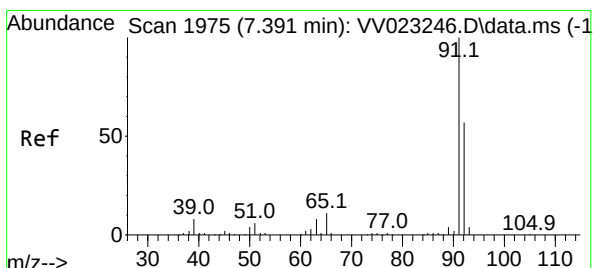
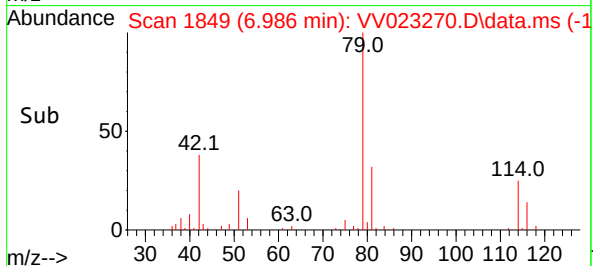
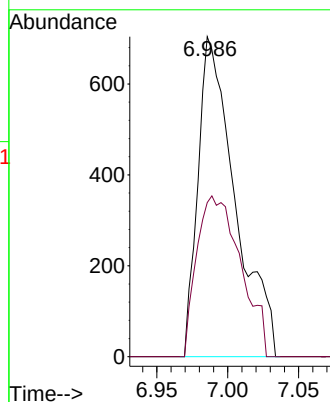
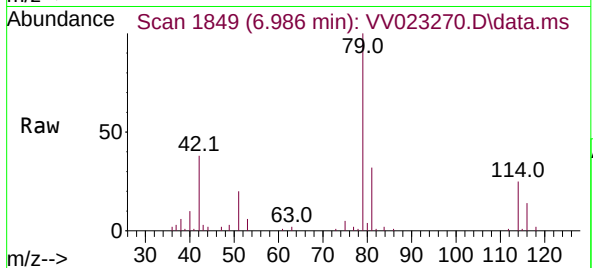
ClientSampleId :

Tgt Ion: 75 Resp: 1281

Ion Ratio Lower Upper

75 100

77 48.2 22.3 41.3#



#42

Toluene

Concen: 0.062 ug/L

RT: 7.410 min Scan# 1981

Delta R.T. 0.019 min

Lab File: VV023270.D

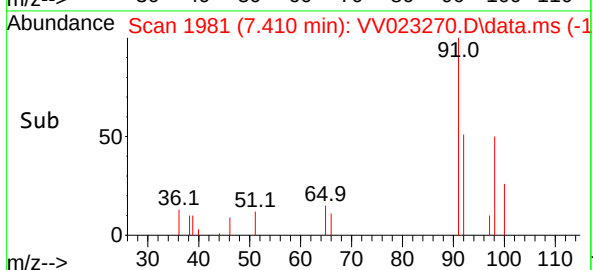
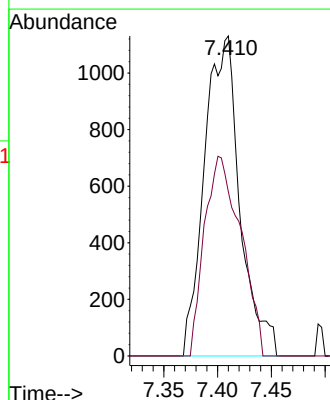
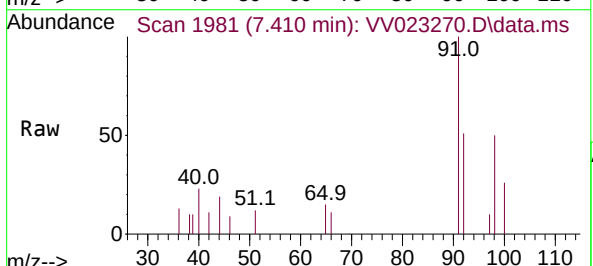
Acq: 06 Nov 2021 06:23

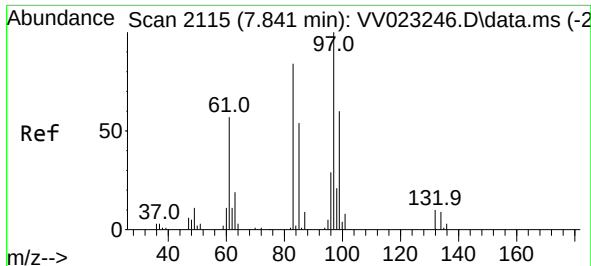
Tgt Ion: 91 Resp: 2590

Ion Ratio Lower Upper

91 100

92 51.3 40.4 75.0





#45

1,1,2-Trichloroethane

Concen: 0.117 ug/L

RT: 7.976 min Scan# 2115

Delta R.T. 0.135 min

Lab File: VV023270.D

Acq: 06 Nov 2021 06:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 762

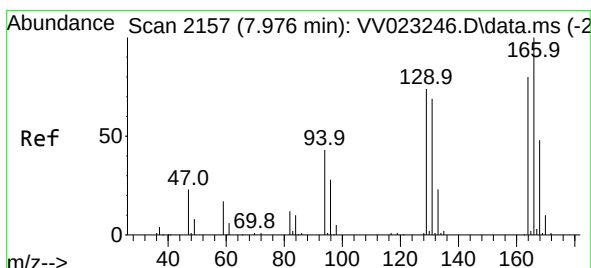
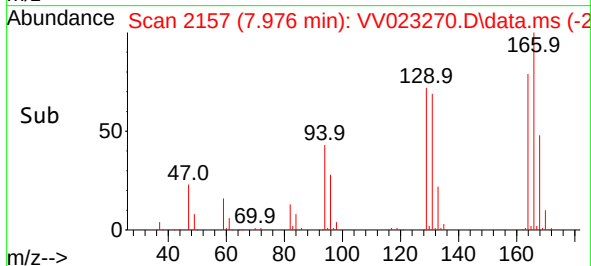
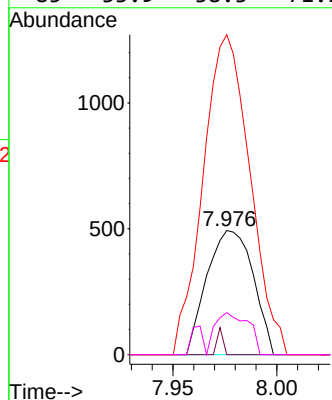
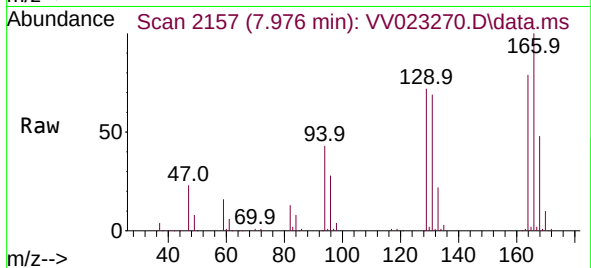
Ion Ratio Lower Upper

97 100

99 0.0 47.0 87.4#

83 257.8 62.6 116.3#

85 33.9 38.3 71.1#



#47

Tetrachloroethene

Concen: 11.059 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023270.D

Acq: 06 Nov 2021 06:23

Tgt Ion:164 Resp: 98889

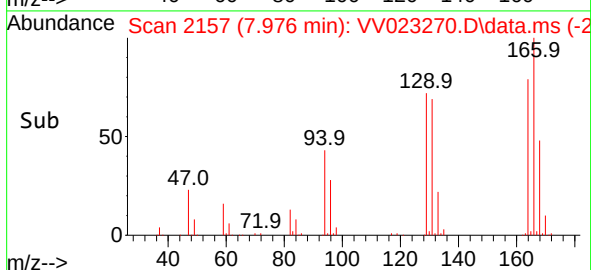
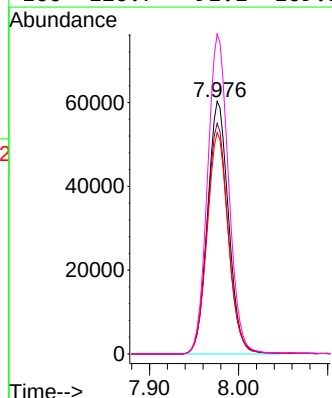
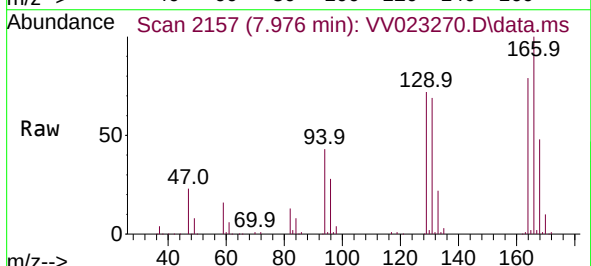
Ion Ratio Lower Upper

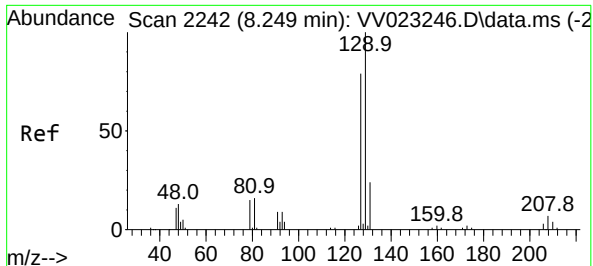
164 100

129 91.3 65.5 121.7

131 87.6 63.9 118.7

166 126.7 91.1 169.1





#49

Dibromochloromethane

Concen: 10.484 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV023270.D

Acq: 06 Nov 2021 06:23

Instrument :

MSVOA_V

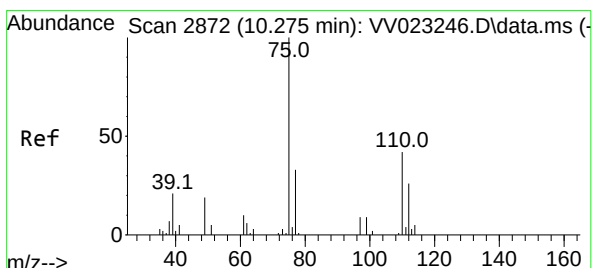
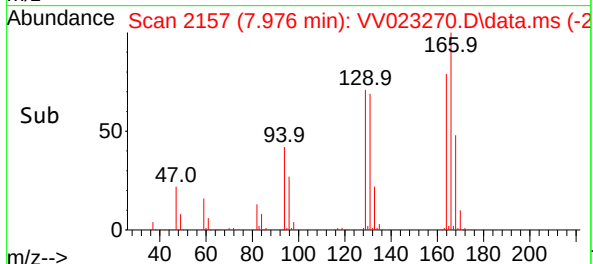
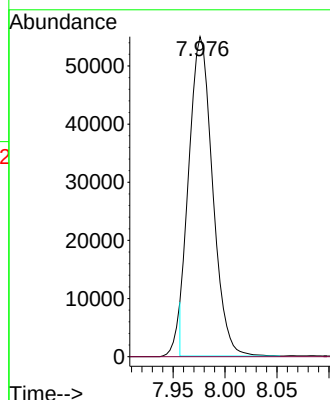
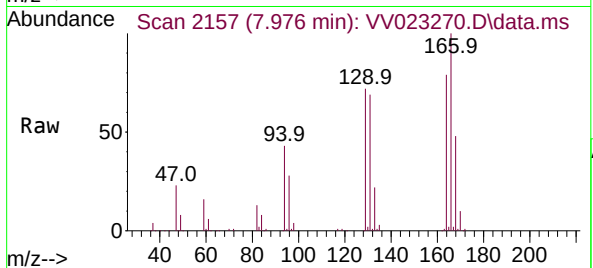
ClientSampleId :

Tgt Ion:129 Resp: 86453

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#



#61

1,2,3-Trichloropropane

Concen: 1.720 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023270.D

Acq: 06 Nov 2021 06:23

Tgt Ion: 75 Resp: 7406

Ion Ratio Lower Upper

75 100

77 35.4 26.6 39.8

110 1.5 33.0 49.4#

