

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029810.D
 Acq On : 13 Jan 2023 15:55
 Operator : SY/MD
 Sample : 01138-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W6

Quant Time: Jan 13 22:52:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

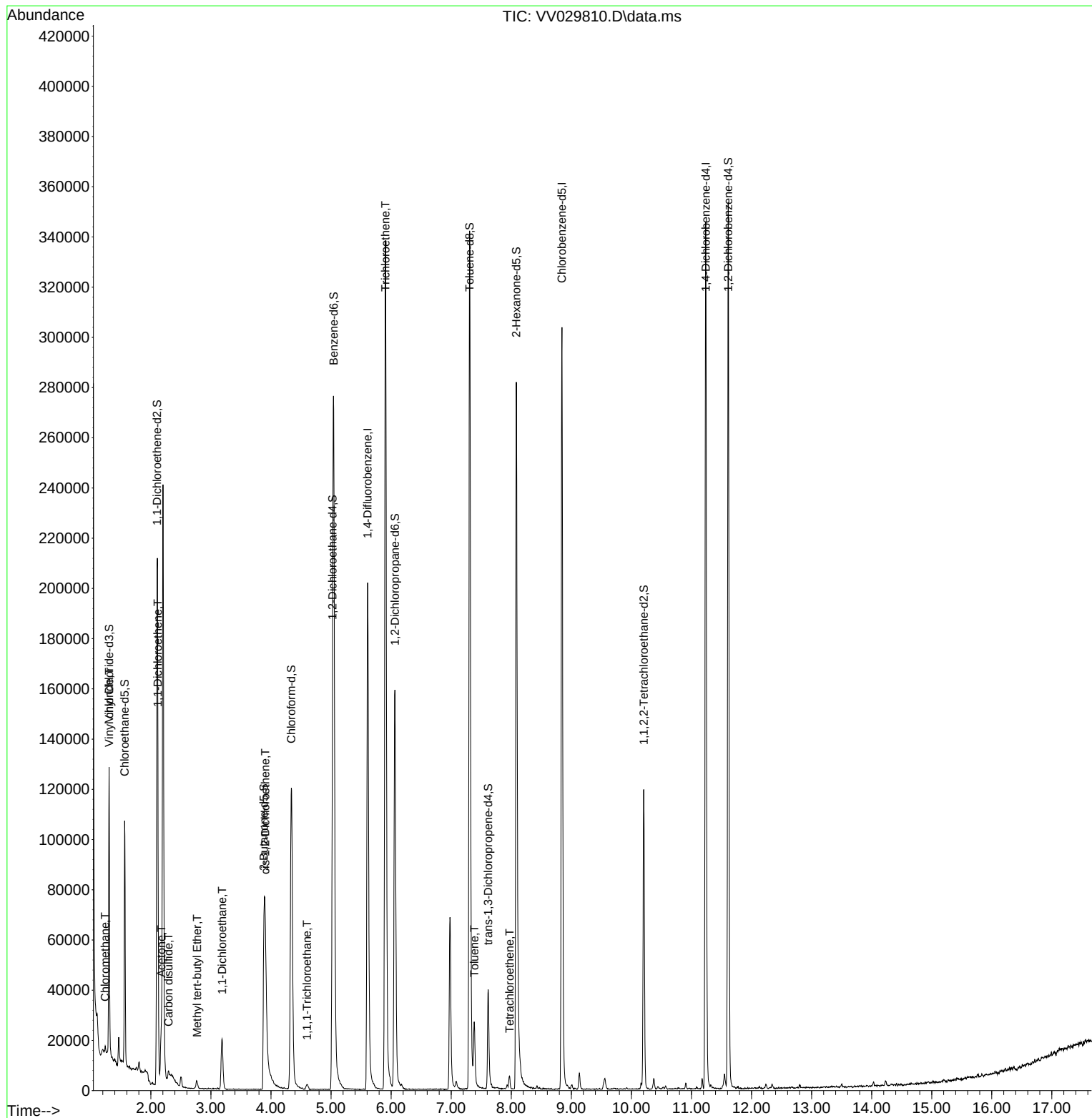
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	190542	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	186805	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	98295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67017	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.564	69	61060	5.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.105	63	99000	3.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.883	46	119682	46.722	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.440%
24) Chloroform-d	4.339	84	135046	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.024	65	60156	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.043	84	279118	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.063	67	85830	5.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.307	98	243362	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.616	79	25898	4.373	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.085	63	111869	46.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61223	5.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	95943	5.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1502	0.080	ug/L	96
5) Vinyl chloride	1.307	62	3742	0.204	ug/L #	43
12) 1,1-Dichloroethene	2.117	96	19290	1.186	ug/L #	34
13) Acetone	2.175	43	32342	17.690	ug/L	83
14) Carbon disulfide	2.294	76	6949	0.148	ug/L #	94
17) Methyl tert-butyl Ether	2.770	73	3172	0.113	ug/L #	93
19) 1,1-Dichloroethane	3.185	63	21237	0.839	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	18801	1.167	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	2255	0.093	ug/L #	76
34) Trichloroethene	5.905	95	128764	8.227	ug/L	96
42) Toluene	7.384	91	19901	0.299	ug/L	96
47) Tetrachloroethene	7.976	164	1402	0.106	ug/L	83

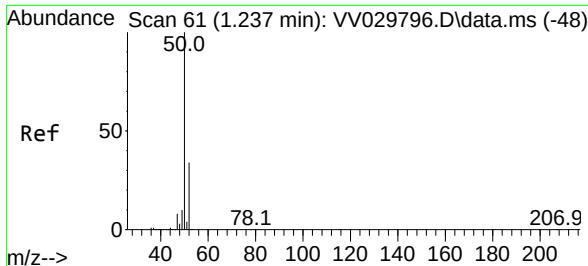
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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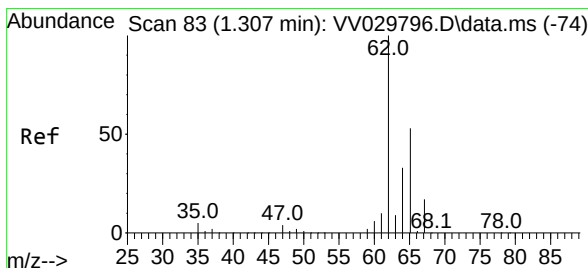
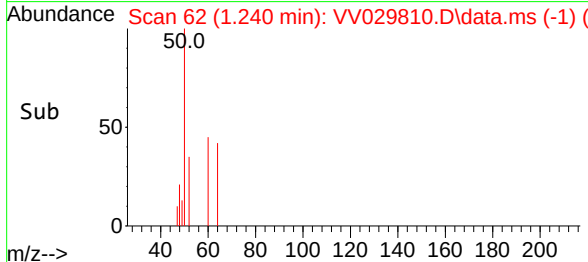
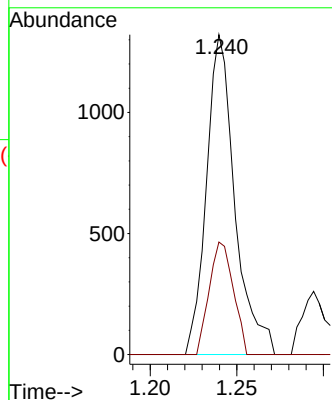
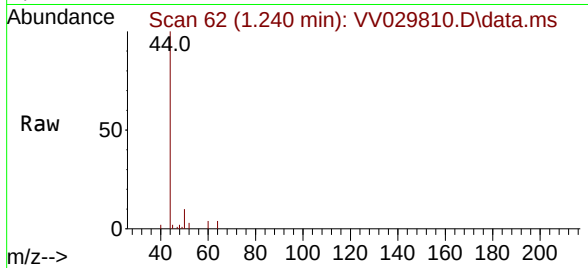




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029810.D
Acq: 13 Jan 2023 15:55

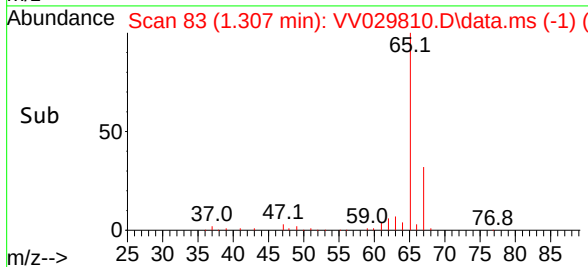
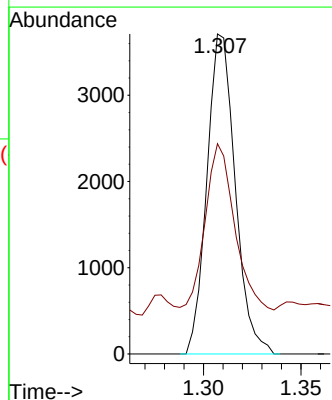
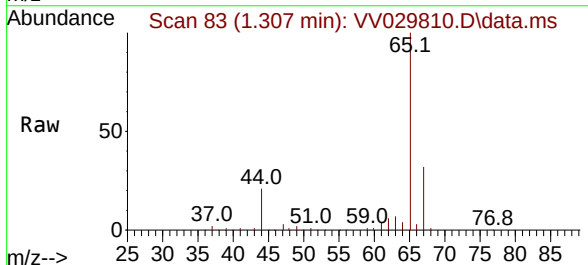
Instrument :
MSVOA_V
ClientSampleId :
BH1W6

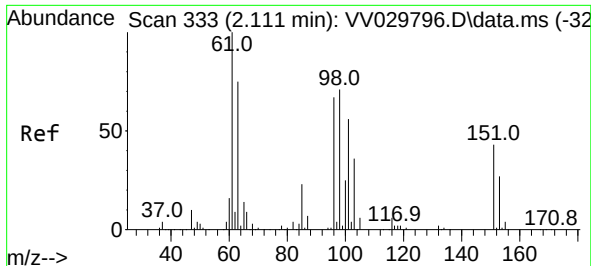
Tgt Ion: 50 Resp: 1502
Ion Ratio Lower Upper
50 100
52 35.2 23.1 42.9



#5
Vinyl chloride
Concen: 0.204 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029810.D
Acq: 13 Jan 2023 15:55

Tgt Ion: 62 Resp: 3742
Ion Ratio Lower Upper
62 100
64 65.7 23.2 43.2#

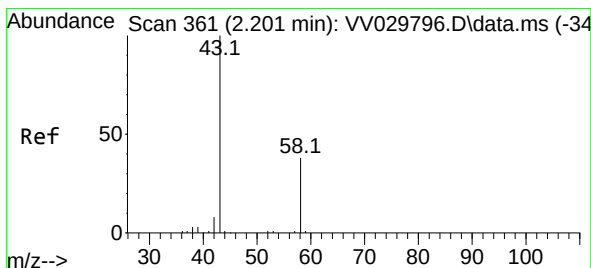
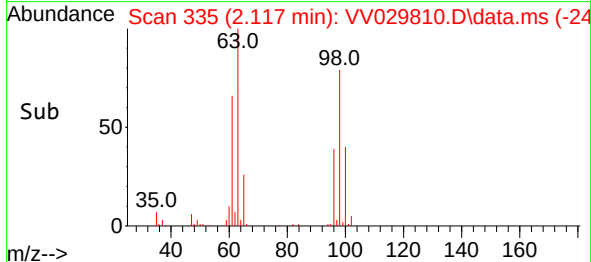
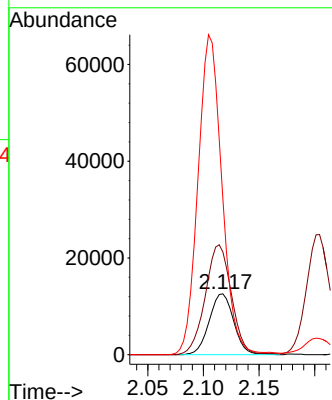
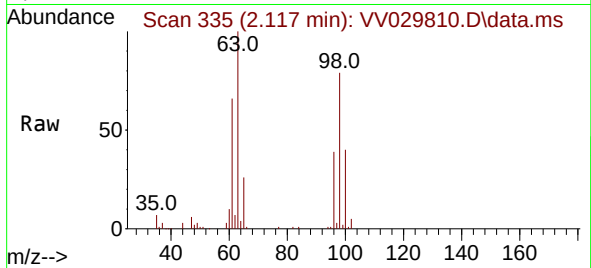




#12
1,1-Dichloroethene
Concen: 1.186 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV029810.D
Acq: 13 Jan 2023 15:55

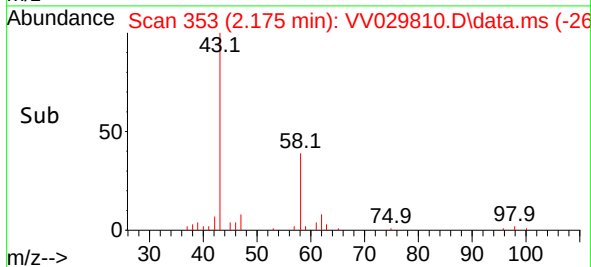
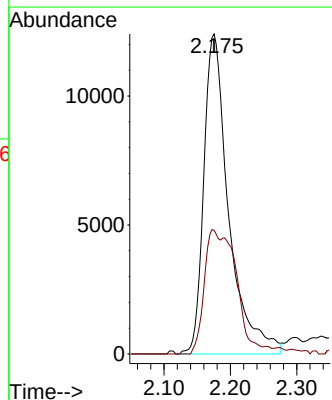
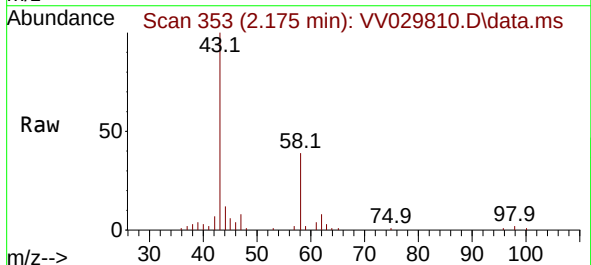
Instrument :
MSVOA_V
ClientSampleId :
BH1W6

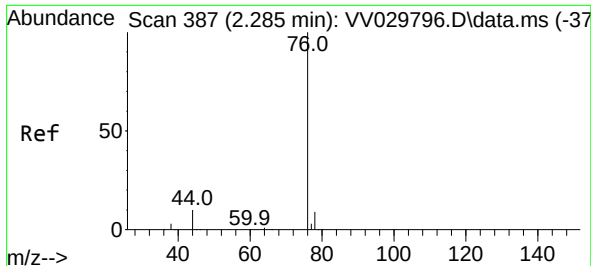
Tgt Ion: 96 Resp: 19290
Ion Ratio Lower Upper
96 100
61 168.6 106.1 197.1
63 255.5 76.4 141.8#



#13
Acetone
Concen: 17.690 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.023 min
Lab File: VV029810.D
Acq: 13 Jan 2023 15:55

Tgt Ion: 43 Resp: 32342
Ion Ratio Lower Upper
43 100
58 24.6 0.0 68.8





#14

Carbon disulfide

Concen: 0.148 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.010 min

Lab File: VV029810.D

Acq: 13 Jan 2023 15:55

Instrument :

MSVOA_V

ClientSampleId :

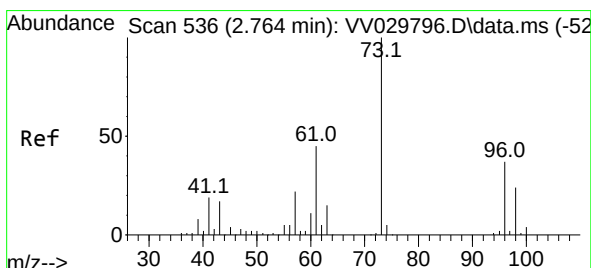
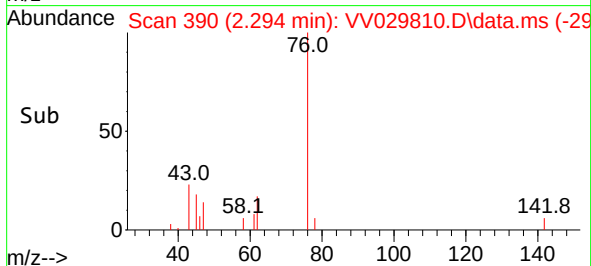
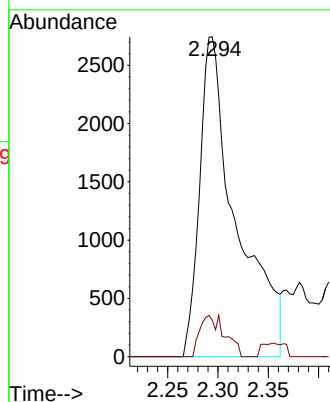
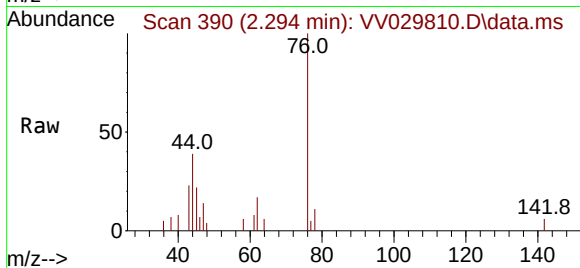
BH1W6

Tgt Ion: 76 Resp: 6949

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.0#



#17

Methyl tert-butyl Ether

Concen: 0.113 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.010 min

Lab File: VV029810.D

Acq: 13 Jan 2023 15:55

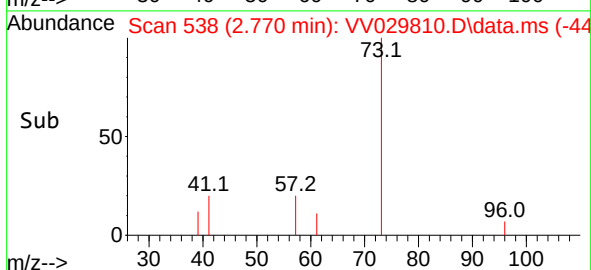
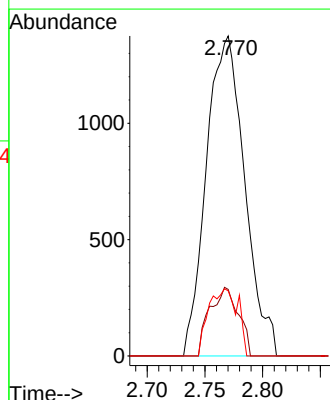
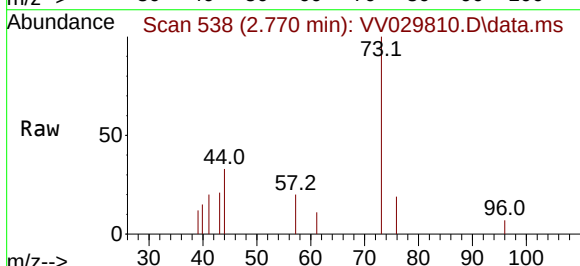
Tgt Ion: 73 Resp: 3172

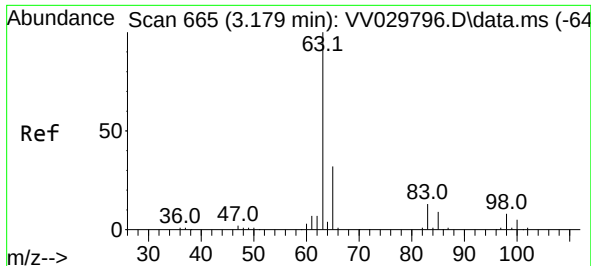
Ion Ratio Lower Upper

73 100

43 16.1 13.0 19.4

57 16.0 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 0.839 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029810.D

Acq: 13 Jan 2023 15:55

Instrument :

MSVOA_V

ClientSampleId :

BH1W6

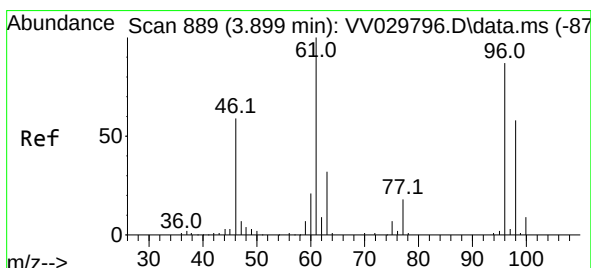
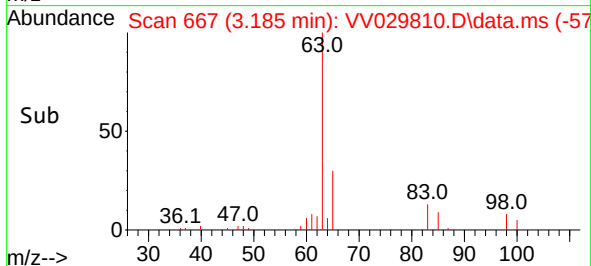
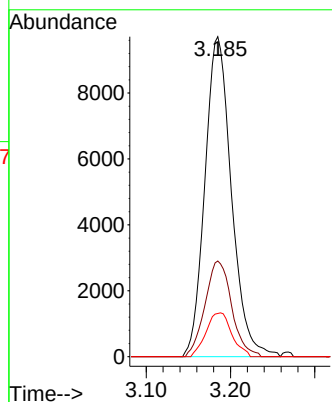
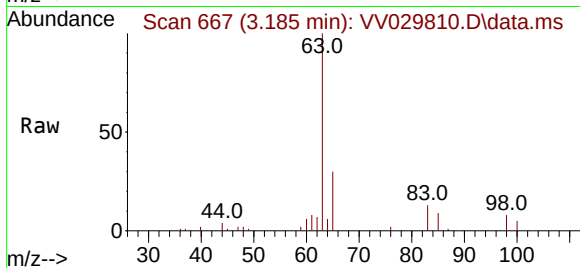
Tgt Ion: 63 Resp: 21237

Ion Ratio Lower Upper

63 100

65 29.9 22.4 41.6

83 13.5 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 1.167 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029810.D

Acq: 13 Jan 2023 15:55

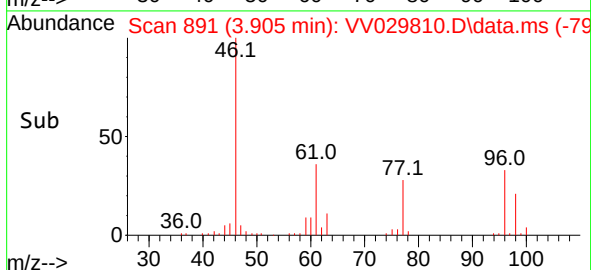
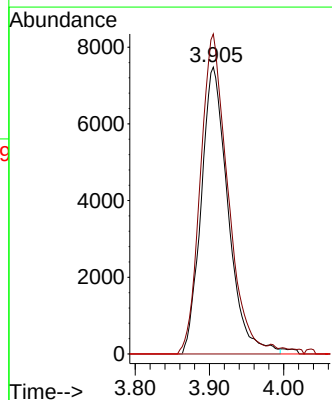
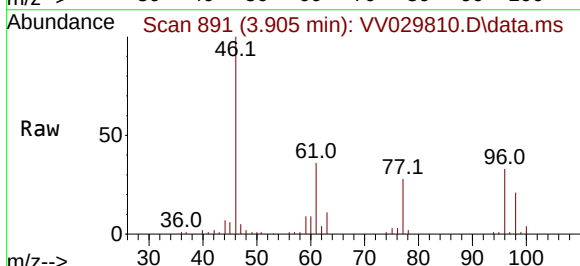
Tgt Ion: 96 Resp: 18801

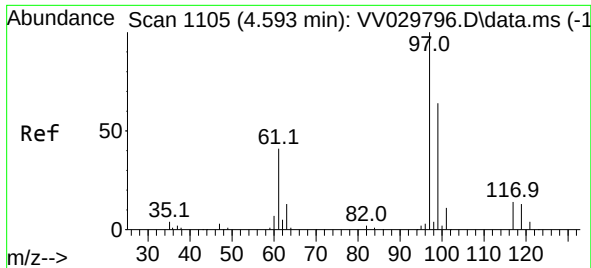
Ion Ratio Lower Upper

96 100

61 111.6 80.0 148.6

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.093 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029810.D

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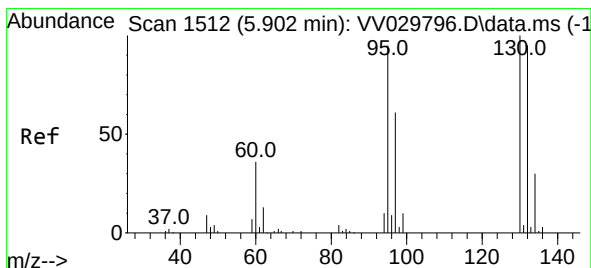
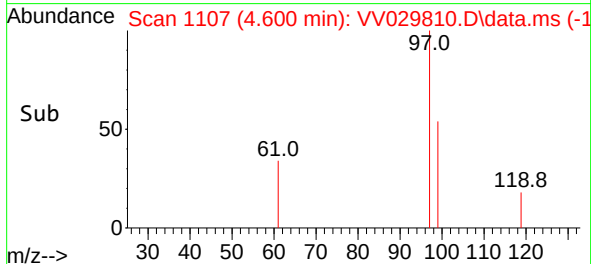
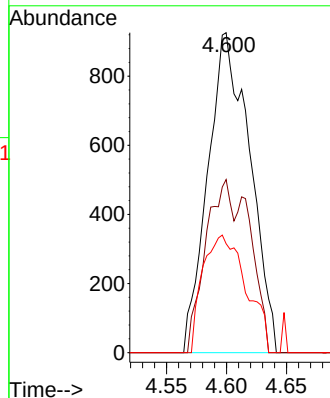
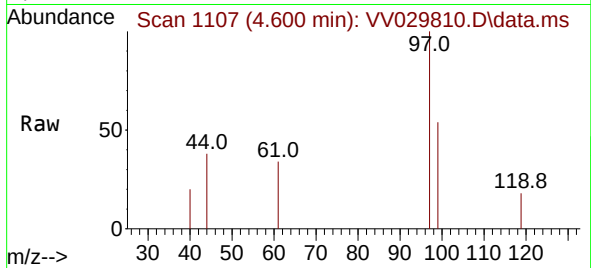
Tgt Ion: 97 Resp: 2255

Ion Ratio Lower Upper

97 100

99 35.1 51.3 76.9#

61 38.0 31.6 47.4



#34

Trichloroethene

Concen: 8.227 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VV029810.D

Acq: 13 Jan 2023 15:55

Tgt Ion: 95 Resp: 128764

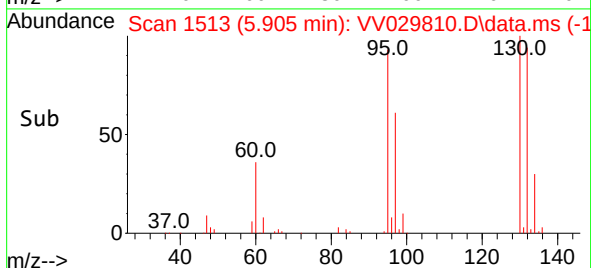
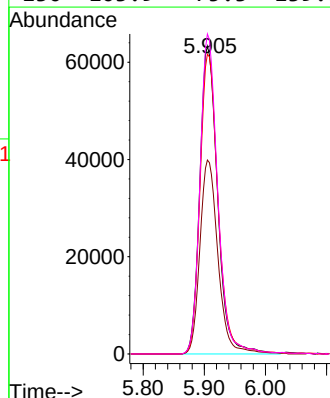
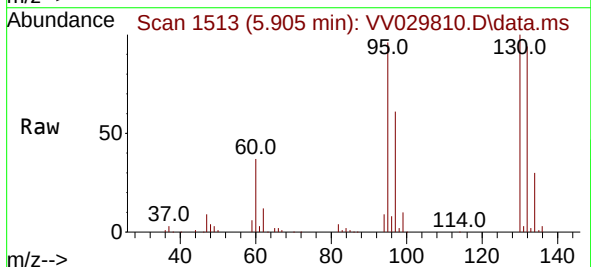
Ion Ratio Lower Upper

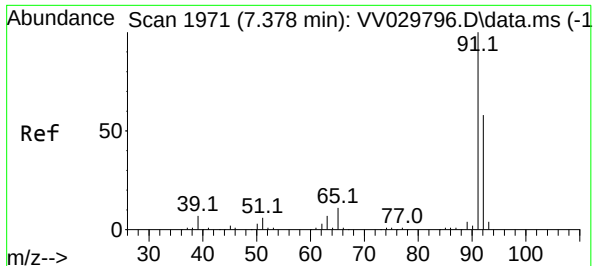
95 100

97 63.0 44.9 83.3

132 97.4 71.8 133.4

130 103.9 75.3 139.8





#42

Toluene

Concen: 0.299 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.006 min

Lab File: VV029810.D

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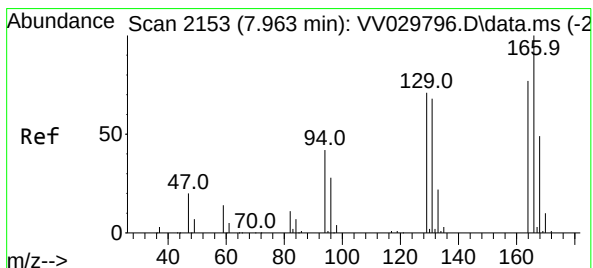
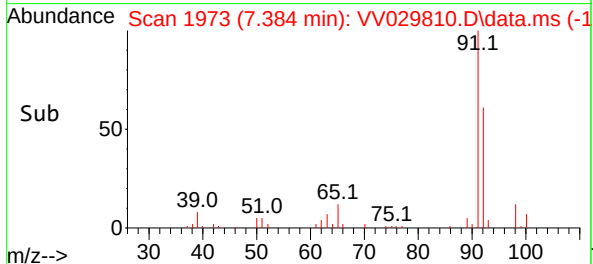
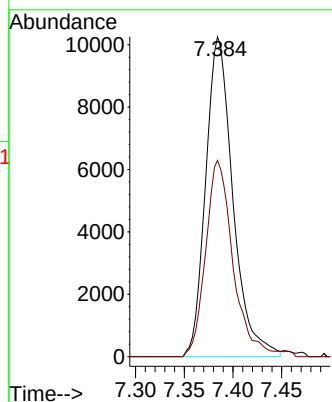
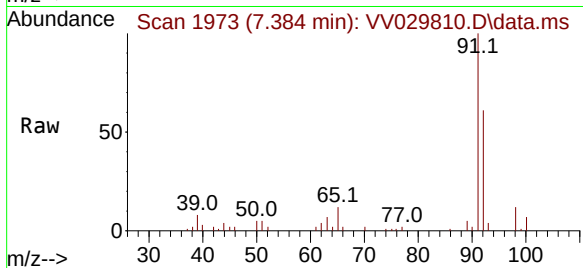
BH1W6

Tgt Ion: 91 Resp: 19901

Ion Ratio Lower Upper

91 100

92 61.3 40.6 75.4



#47

Tetrachloroethene

Concen: 0.106 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.010 min

Lab File: VV029810.D

Acq: 13 Jan 2023 15:55

Tgt Ion: 164 Resp: 1402

Ion Ratio Lower Upper

164 100

129 84.4 64.5 119.7

131 81.1 62.9 116.7

166 95.5 90.7 168.5

