

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029818.D
 Acq On : 13 Jan 2023 19:05
 Operator : SY/MD
 Sample : 01138-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y1

Quant Time: Jan 13 22:53:07 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)

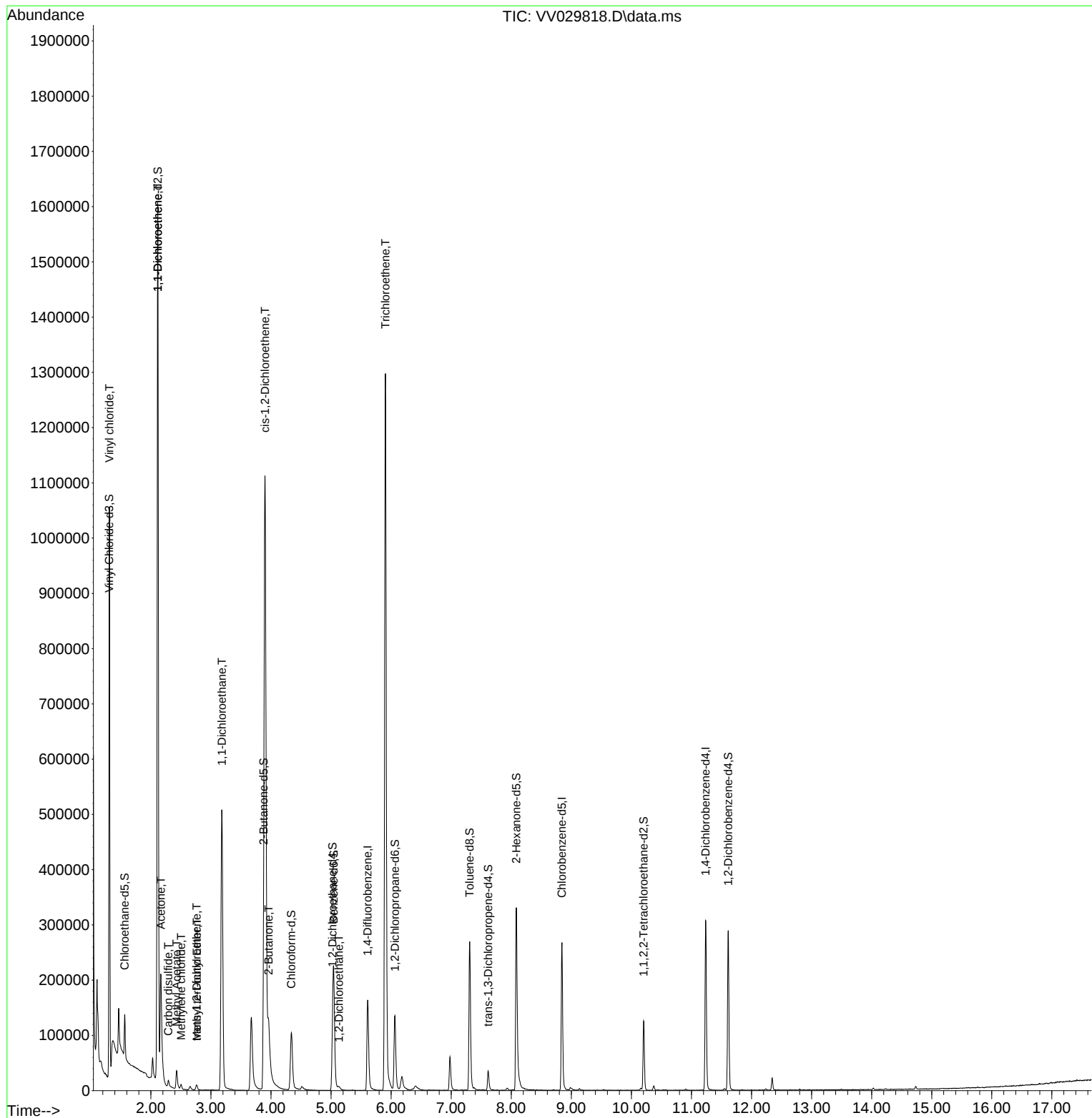
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	154917	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	159201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	87563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58056	4.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.564	69	48407	4.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.114	63	308426	14.399	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	288.000%#
20) 2-Butanone-d5	3.876	46	145143	69.691	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.380%#
24) Chloroform-d	4.339	84	109262	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.024	65	53436	5.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	5.043	84	227011	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.063	67	73164	5.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.307	98	195553	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.616	79	22533	4.464	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.085	63	132048	64.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.520%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	63481	6.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.400%#
66) 1,2-Dichlorobenzene-d4	11.612	152	81393	5.113	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	596934	40.118	ug/L	99
12) 1,1-Dichloroethene	2.114	96	493136	37.279	ug/L #	79
13) Acetone	2.166	43	261604	175.990	ug/L	94
14) Carbon disulfide	2.291	76	16112	0.423	ug/L	99
15) Methyl Acetate	2.429	43	38357	9.909	ug/L	99
16) Methylene chloride	2.503	84	3827	0.233	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	4631	0.202	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	2103	0.171	ug/L	87
19) 1,1-Dichloroethane	3.182	63	517159	25.140	ug/L	99
21) 2-Butanone	3.960	43	190659	89.532	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	663307	50.623	ug/L	99
27) 1,2-Dichloroethane	5.133	62	3902	0.359	ug/L	97
34) Trichloroethene	5.905	95	473763	35.517	ug/L	97

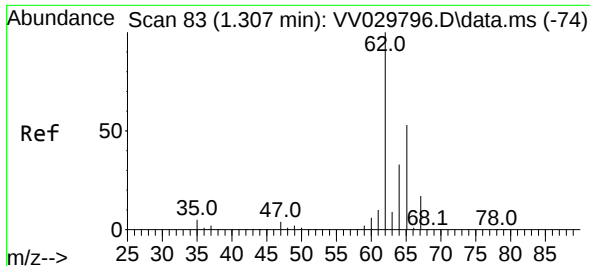
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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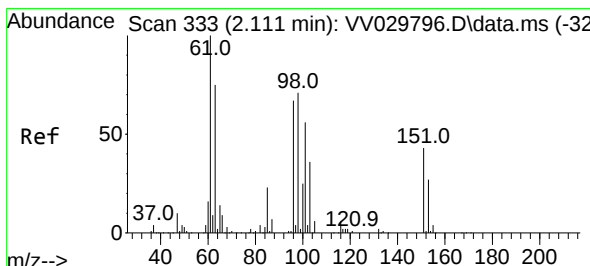
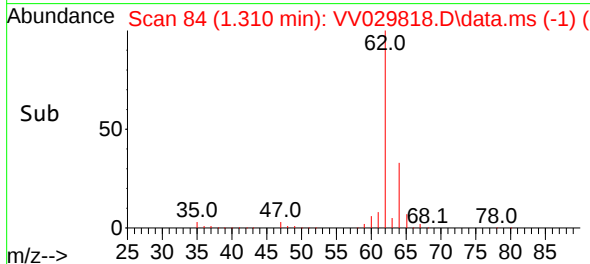
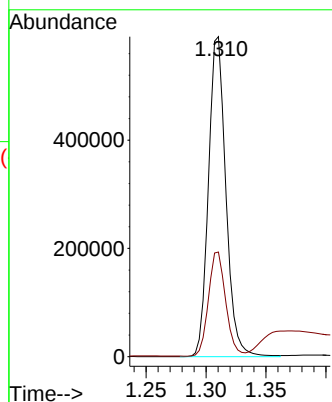
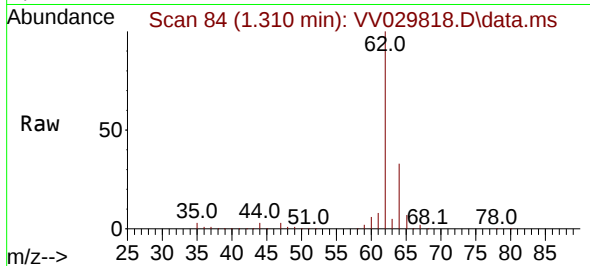




#5
 Vinyl chloride
 Concen: 40.118 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV029818.D
 Acq: 13 Jan 2023 19:05

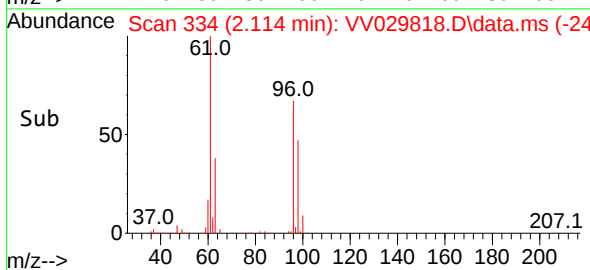
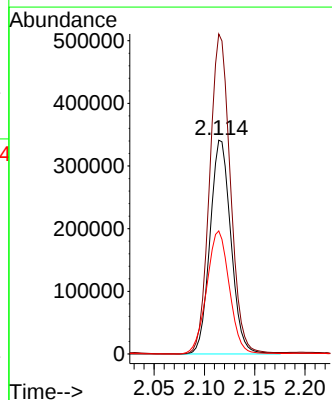
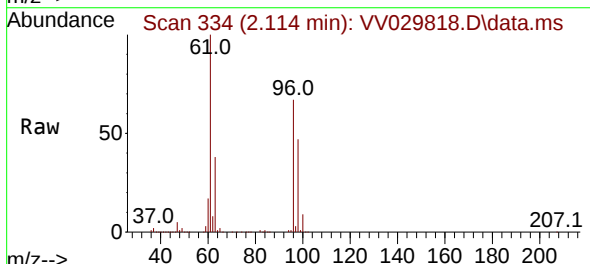
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y1

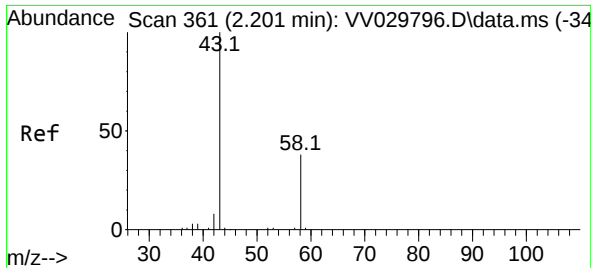
Tgt Ion: 62 Resp: 596934
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 37.279 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029818.D
 Acq: 13 Jan 2023 19:05

Tgt Ion: 96 Resp: 493136
 Ion Ratio Lower Upper
 96 100
 61 149.7 106.1 197.1
 63 57.6 76.4 141.8#





#13

Acetone

Concen: 175.990 ug/L

RT: 2.166 min Scan# 31

Delta R.T. -0.032 min

Lab File: VV029818.D

Acq: 13 Jan 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

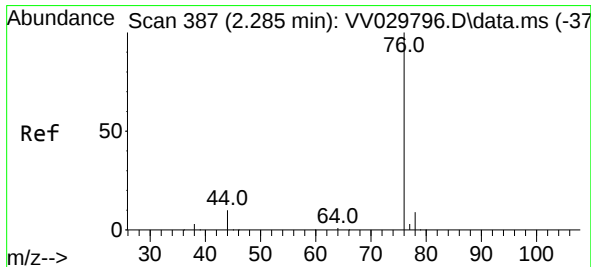
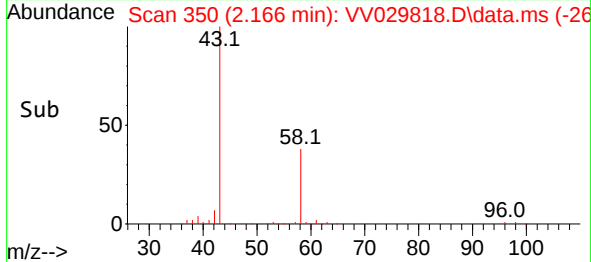
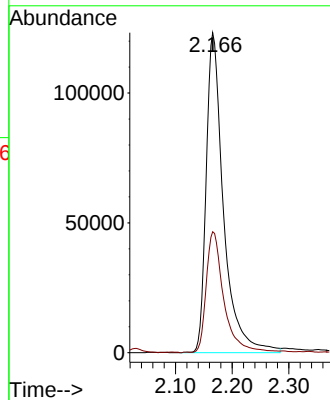
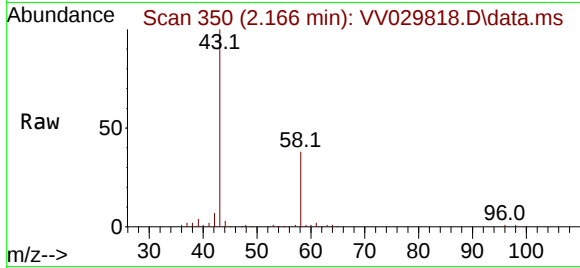
BH1Y1

Tgt Ion: 43 Resp: 261604

Ion Ratio Lower Upper

43 100

58 38.1 0.0 68.8



#14

Carbon disulfide

Concen: 0.423 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV029818.D

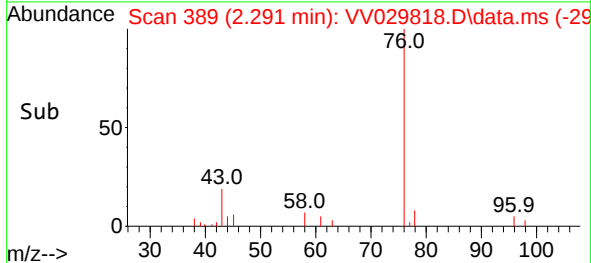
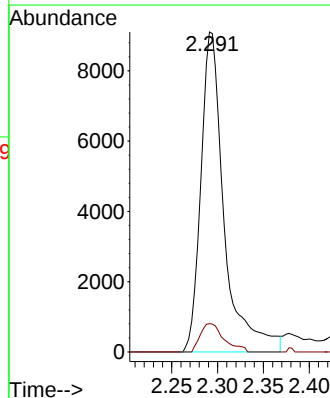
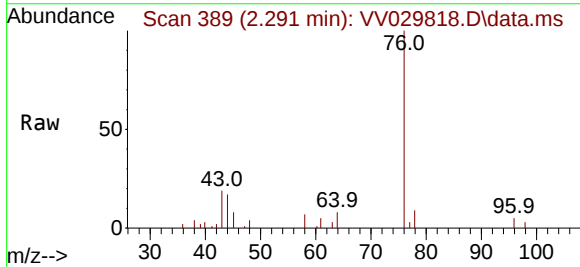
Acq: 13 Jan 2023 19:05

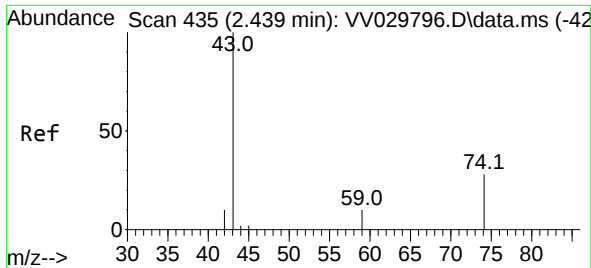
Tgt Ion: 76 Resp: 16112

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





#15

Methyl Acetate

Concen: 9.909 ug/L

RT: 2.429 min Scan# 41

Delta R.T. -0.007 min

Lab File: VV029818.D

Acq: 13 Jan 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

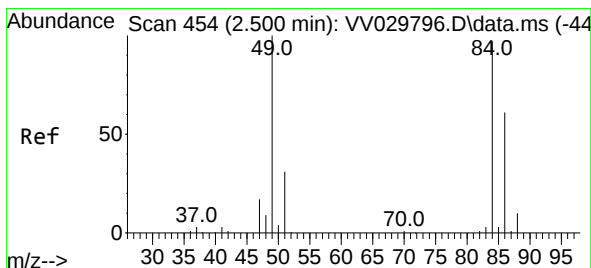
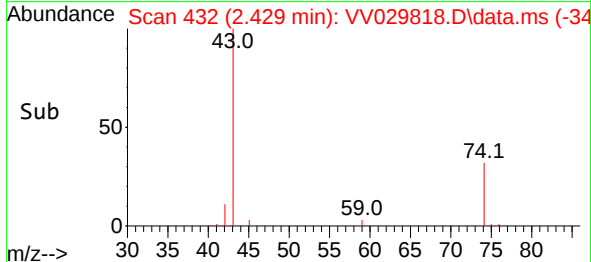
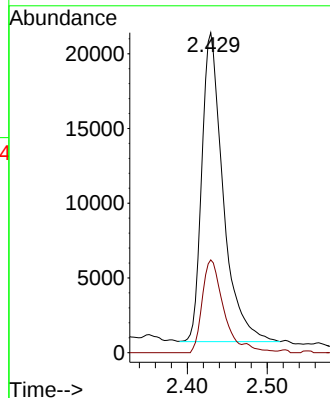
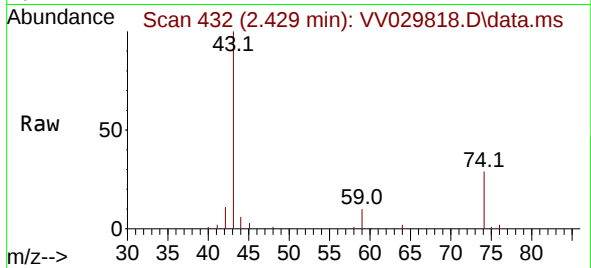
BH1Y1

Tgt Ion: 43 Resp: 38357

Ion Ratio Lower Upper

43 100

74 28.8 23.4 35.0



#16

Methylene chloride

Concen: 0.233 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.006 min

Lab File: VV029818.D

Acq: 13 Jan 2023 19:05

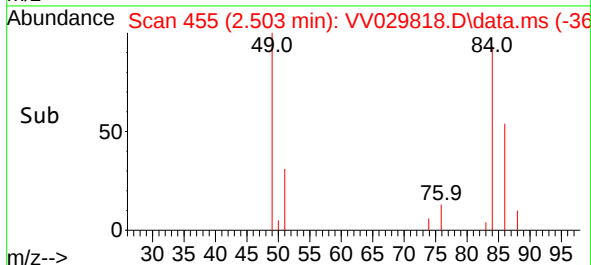
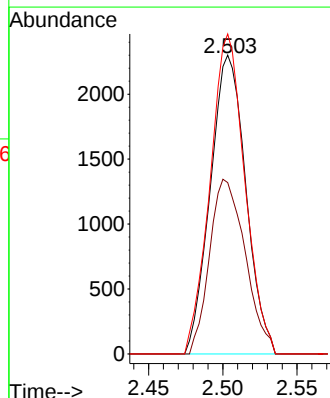
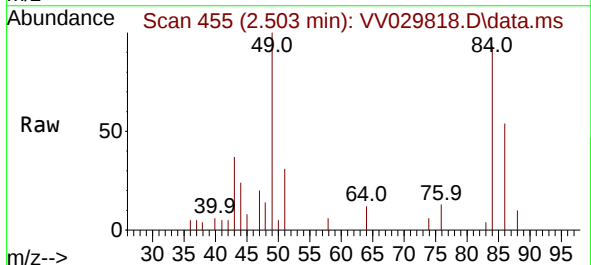
Tgt Ion: 84 Resp: 3827

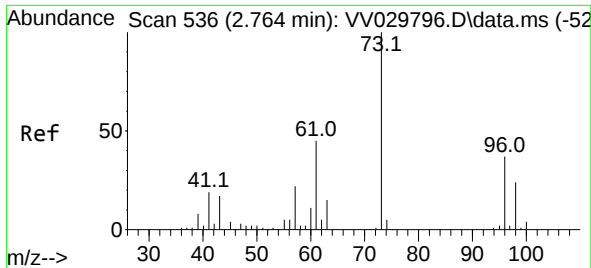
Ion Ratio Lower Upper

84 100

86 57.3 45.0 83.6

49 107.1 71.5 132.7

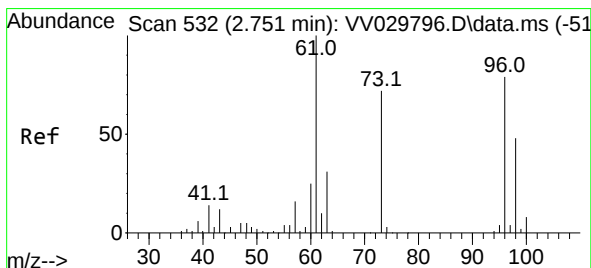
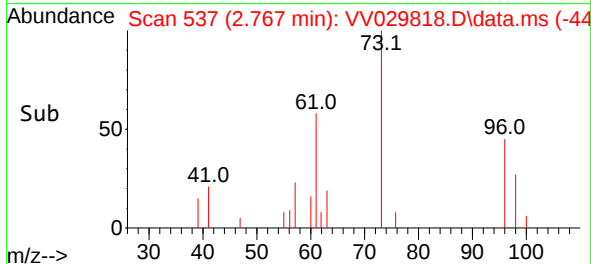
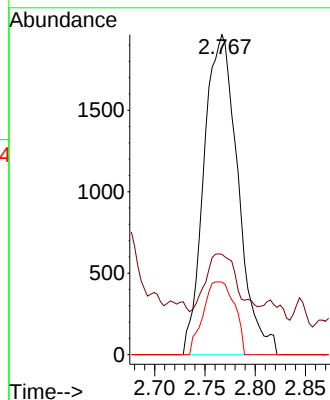
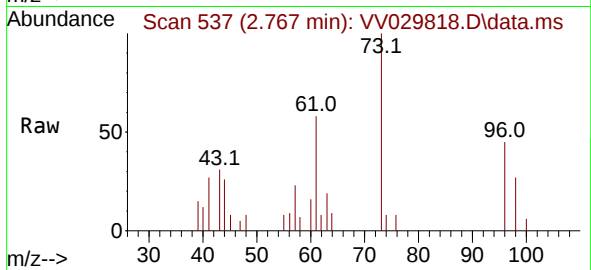




#17
Methyl tert-butyl Ether
Concen: 0.202 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029818.D
Acq: 13 Jan 2023 19:05

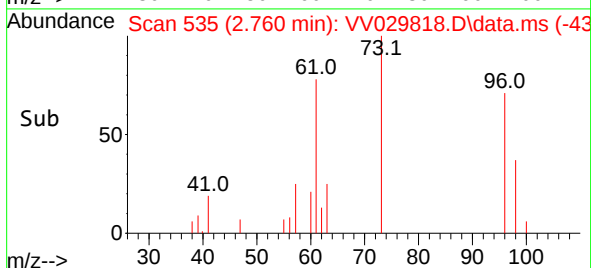
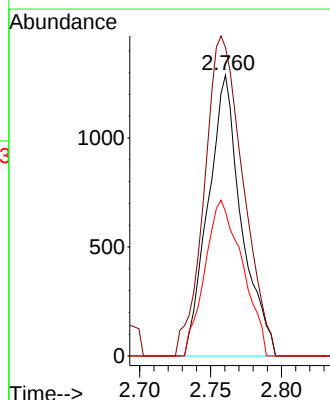
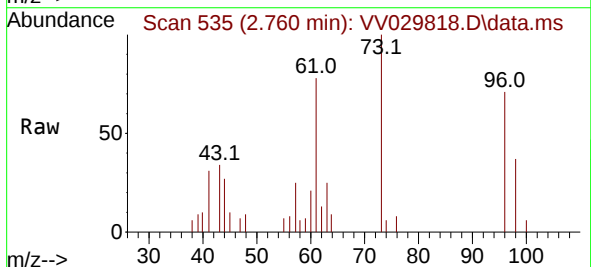
Instrument :
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ClientSampleId :
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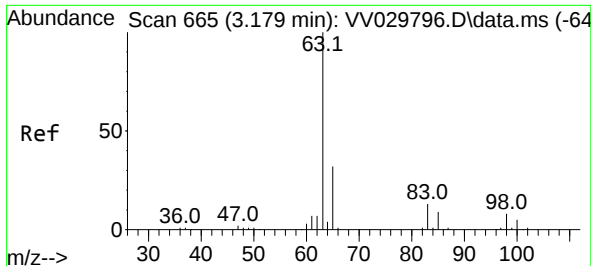
Tgt Ion: 73	Resp: 4631
Ion Ratio	Lower Upper
73	100
43	17.1 13.0 19.4
57	20.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV029818.D
Acq: 13 Jan 2023 19:05

Tgt Ion: 96	Resp: 2103
Ion Ratio	Lower Upper
96	100
61	109.9 86.1 159.9
98	51.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 25.140 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029818.D

Acq: 13 Jan 2023 19:05

Instrument :

MSVOA_V

ClientSampleId :

BH1Y1

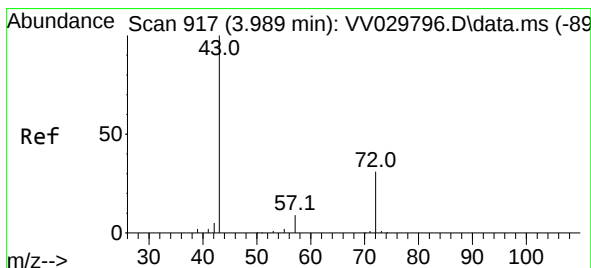
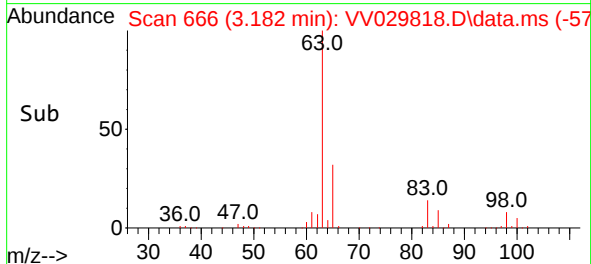
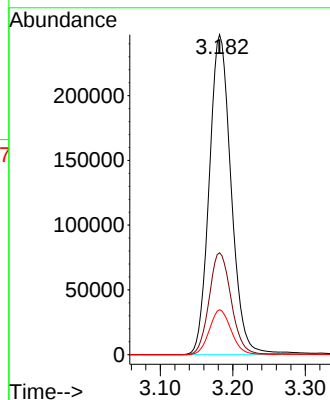
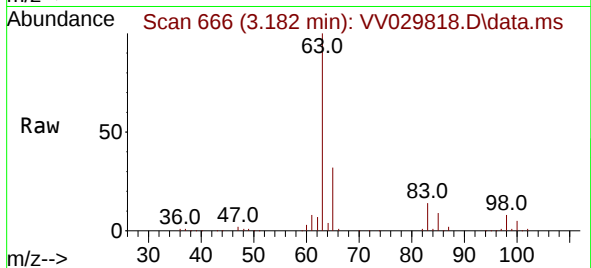
Tgt Ion: 63 Resp: 517159

Ion Ratio Lower Upper

63 100

65 31.9 22.4 41.6

83 14.1 10.2 19.0



#21

2-Butanone

Concen: 89.532 ug/L

RT: 3.960 min Scan# 908

Delta R.T. -0.023 min

Lab File: VV029818.D

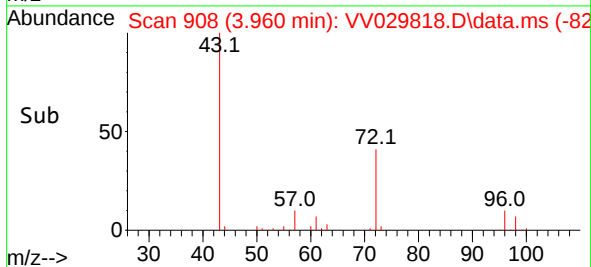
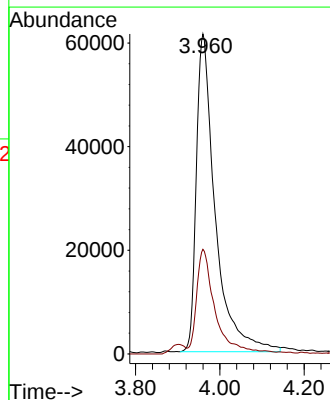
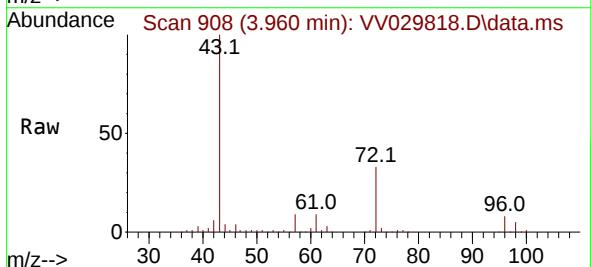
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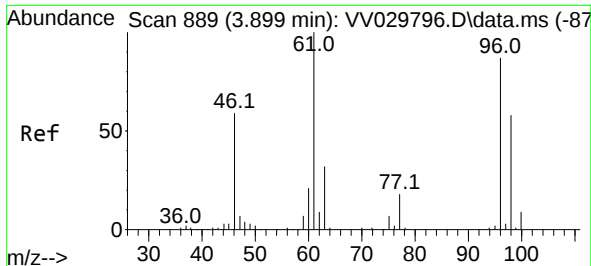
Tgt Ion: 43 Resp: 190659

Ion Ratio Lower Upper

43 100

72 29.9 13.9 41.6

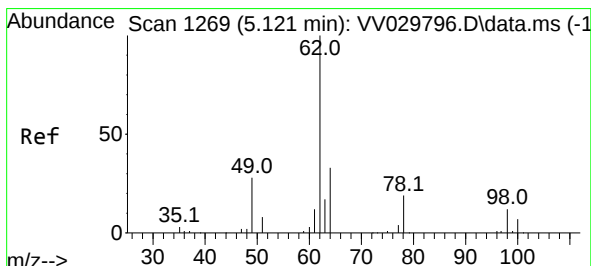
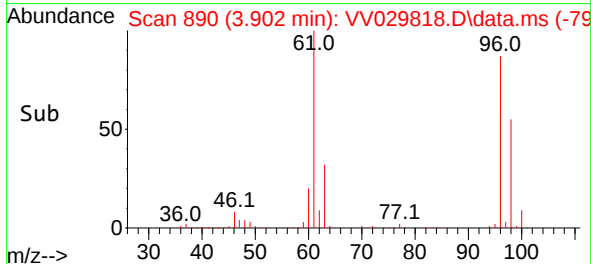
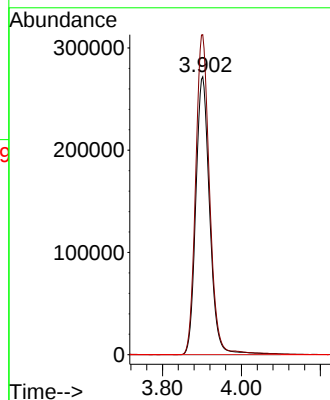
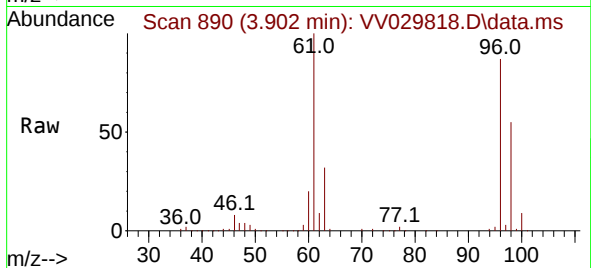




#22
 cis-1,2-Dichloroethene
 Concen: 50.623 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV029818.D
 Acq: 13 Jan 2023 19:05

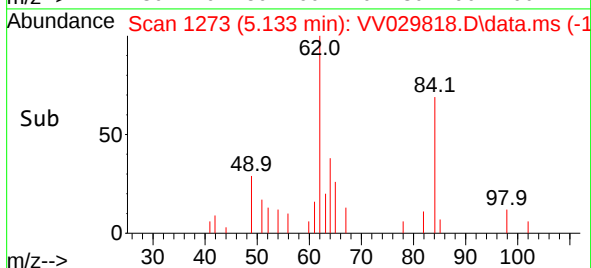
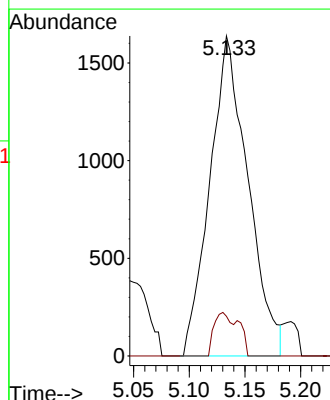
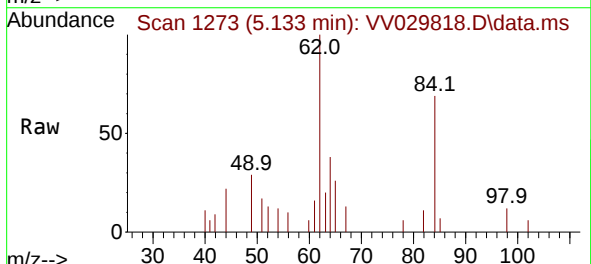
Instrument :
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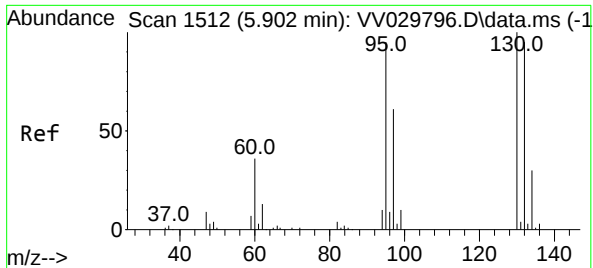
Tgt Ion: 96 Resp: 663307
 Ion Ratio Lower Upper
 96 100
 61 115.2 80.0 148.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.359 ug/L
 RT: 5.133 min Scan# 1273
 Delta R.T. 0.013 min
 Lab File: VV029818.D
 Acq: 13 Jan 2023 19:05

Tgt Ion: 62 Resp: 3902
 Ion Ratio Lower Upper
 62 100
 98 12.4 8.9 13.3





#34
 Trichloroethene
 Concen: 35.517 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV029818.D
 Acq: 13 Jan 2023 19:05

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y1

Tgt Ion: 95 Resp: 473763

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.9	83.3
132	99.2	71.8	133.4
130	102.4	75.3	139.8

