

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029820.D
 Acq On : 13 Jan 2023 19:51
 Operator : SY/MD
 Sample : 01138-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y3

Quant Time: Jan 13 22:53:22 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)

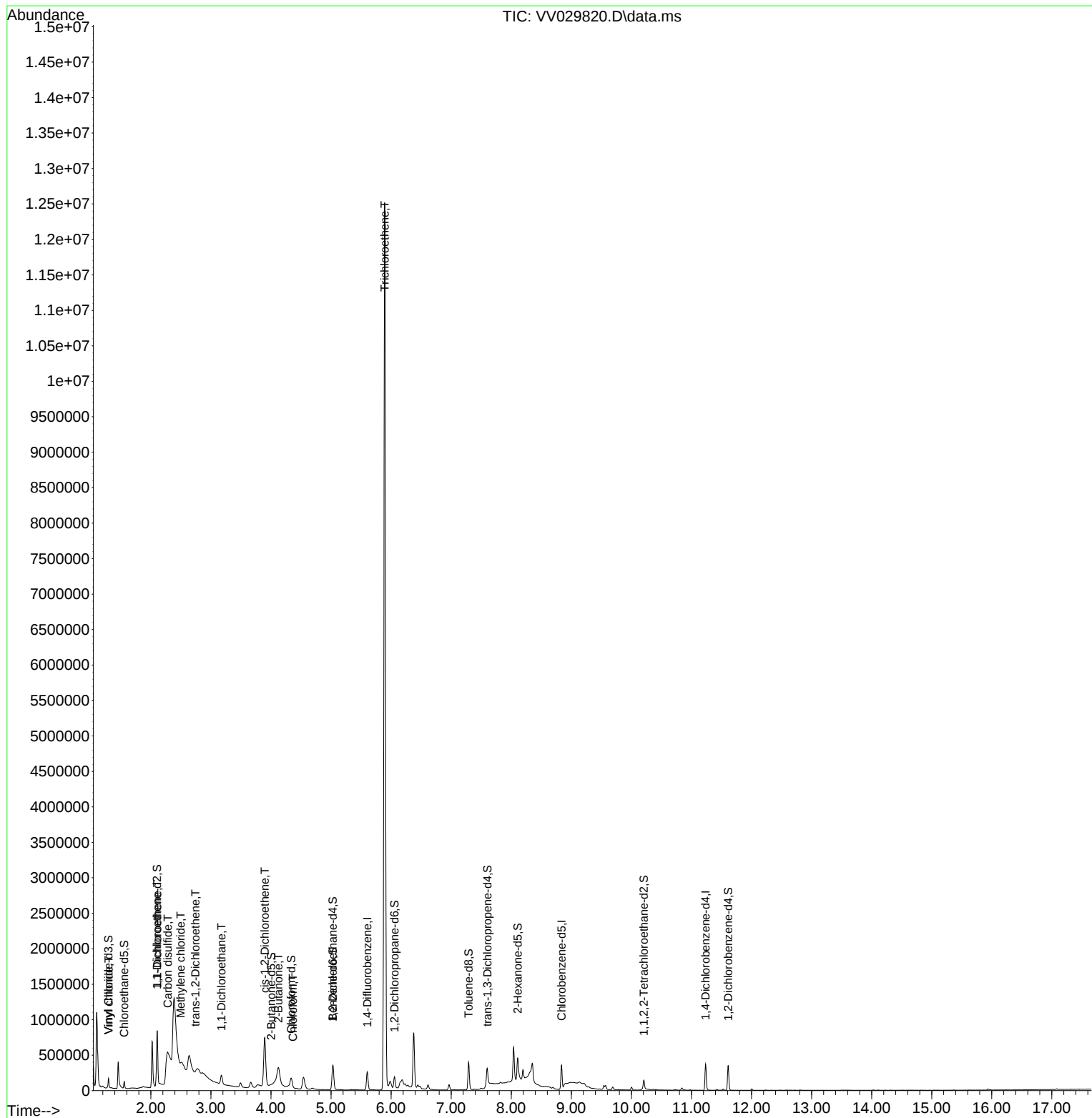
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	216936	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.837	117	196544	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	101276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	66565	4.045	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.558	69	60435	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.101	63	199921	6.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	133.200%#
20) 2-Butanone-d5	4.005	46	105624	36.217	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.440%
24) Chloroform-d	4.336	84	139567	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.027	65	65657	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.030	84	295191	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.056	67	83851	4.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.291	98	259324	4.804	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.606	79	24245	3.891	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.108	63	145487	57.347	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.700%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62368	4.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	92610	5.030	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.298	62	13927	0.668	ug/L #	1
12) 1,1-Dichloroethene	2.108	96	215052	11.609	ug/L #	83
14) Carbon disulfide	2.281	76	25550	0.479	ug/L	100
16) Methylene chloride	2.497	84	4626	0.201	ug/L	96
18) trans-1,2-Dichloroethene	2.744	96	1826	0.106	ug/L	88
19) 1,1-Dichloroethane	3.175	63	127845	4.438	ug/L	98
21) 2-Butanone	4.124	43	745776	250.090	ug/L #	71
22) cis-1,2-Dichloroethene	3.895	96	359228	19.578	ug/L	95
25) Chloroform	4.365	83	5714	0.182	ug/L	87
34) Trichloroethene	5.892	95	4284051	260.142	ug/L	93

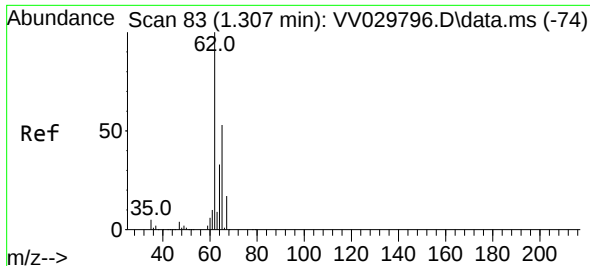
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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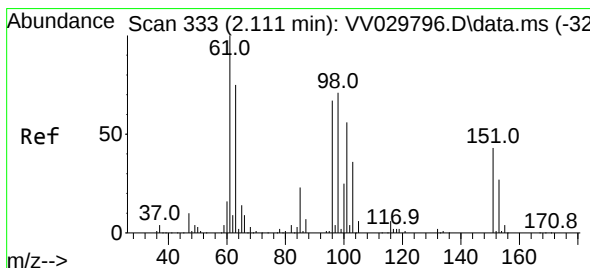
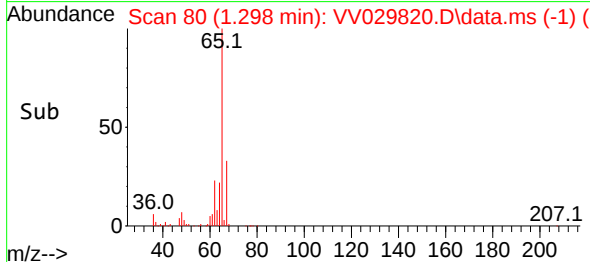
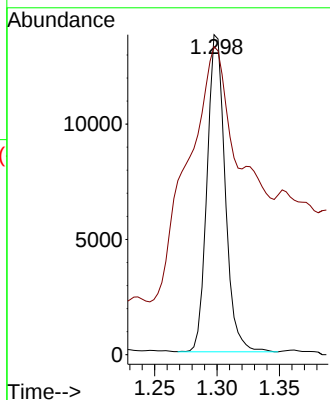
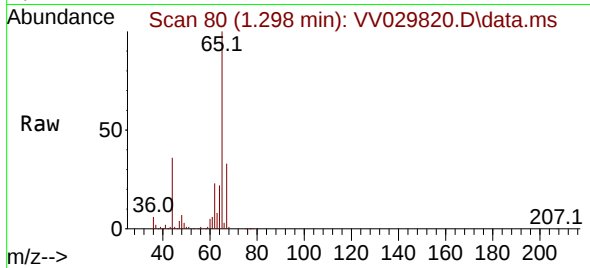




#5
 Vinyl chloride
 Concen: 0.668 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: VV029820.D
 Acq: 13 Jan 2023 19:51

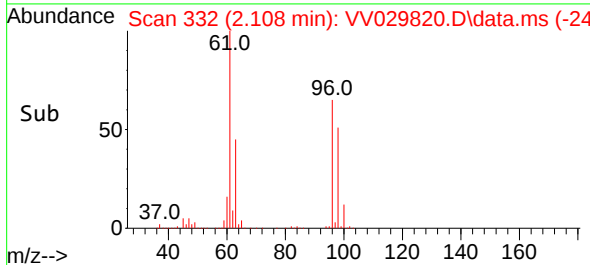
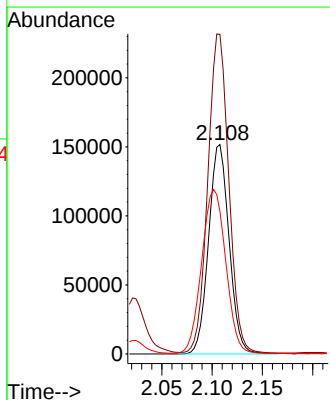
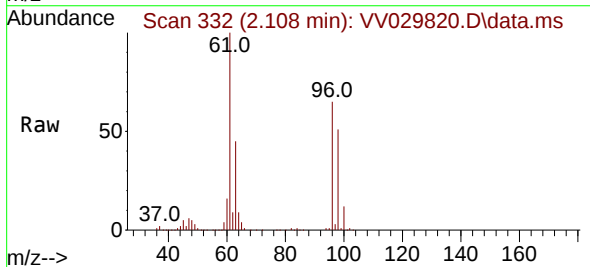
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y3

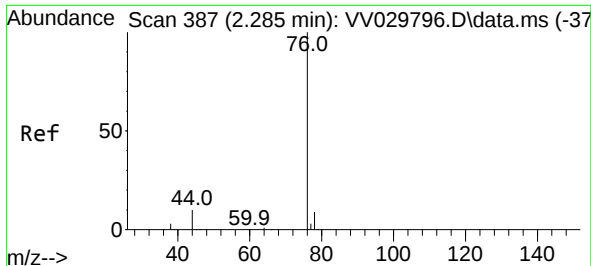
Tgt Ion: 62 Resp: 13927
 Ion Ratio Lower Upper
 62 100
 64 96.2 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 11.609 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV029820.D
 Acq: 13 Jan 2023 19:51

Tgt Ion: 96 Resp: 215052
 Ion Ratio Lower Upper
 96 100
 61 152.7 106.1 197.1
 63 68.0 76.4 141.8#

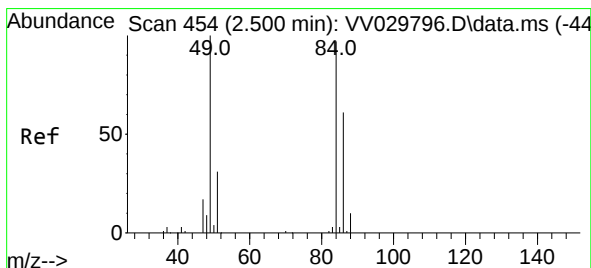
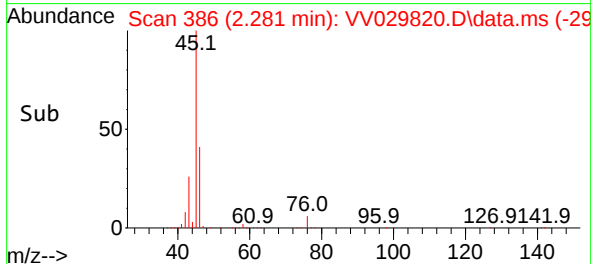
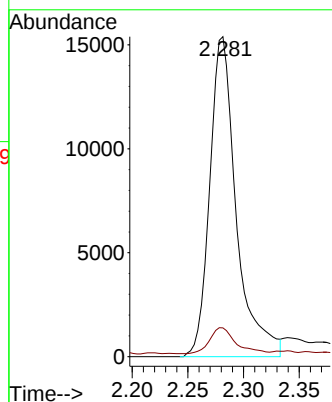
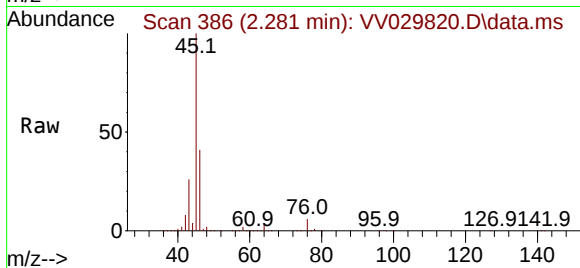




#14
Carbon disulfide
Concen: 0.479 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.003 min
Lab File: VV029820.D
Acq: 13 Jan 2023 19:51

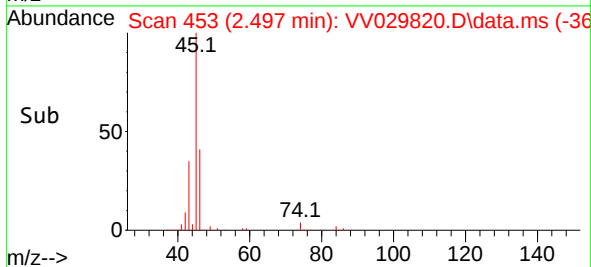
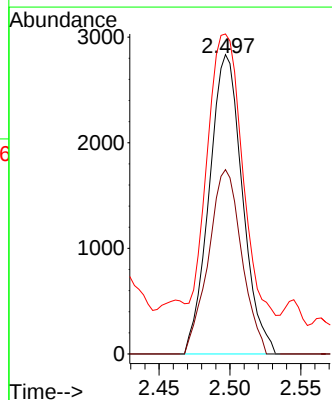
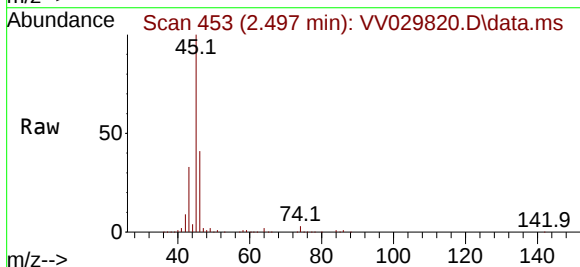
Instrument :
MSVOA_V
ClientSampleId :
BH1Y3

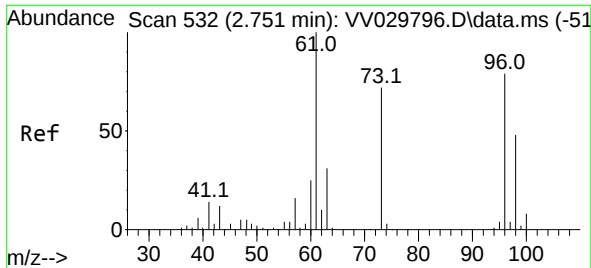
Tgt Ion: 76 Resp: 25550
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#16
Methylene chloride
Concen: 0.201 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.000 min
Lab File: VV029820.D
Acq: 13 Jan 2023 19:51

Tgt Ion: 84 Resp: 4626
Ion Ratio Lower Upper
84 100
86 61.6 45.0 83.6
49 106.9 71.5 132.7

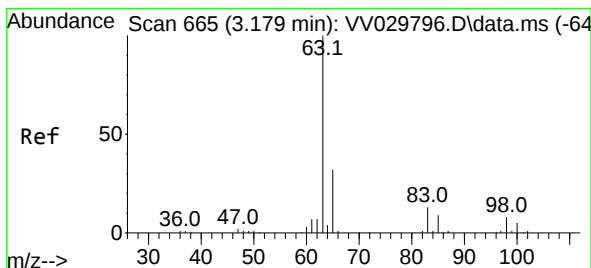
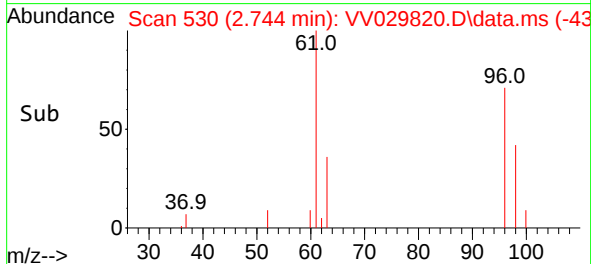
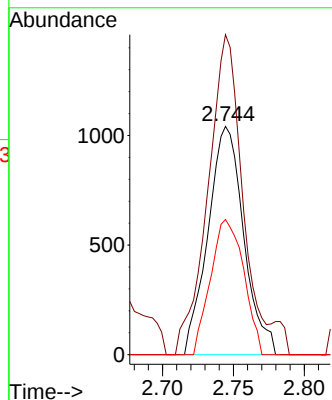
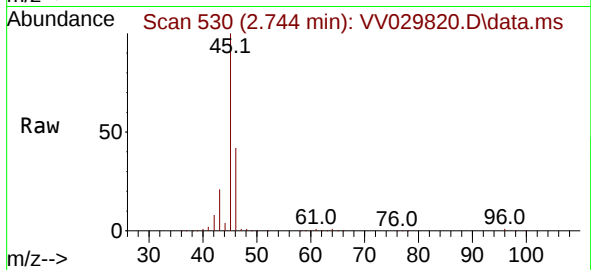




#18
trans-1,2-Dichloroethene
Concen: 0.106 ug/L
RT: 2.744 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV029820.D
Acq: 13 Jan 2023 19:51

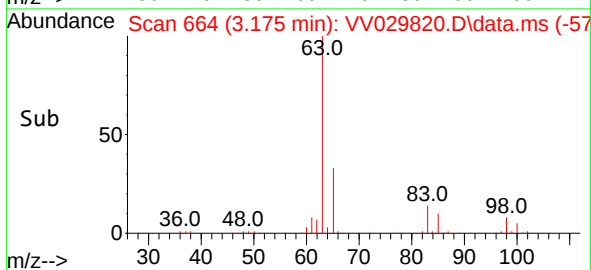
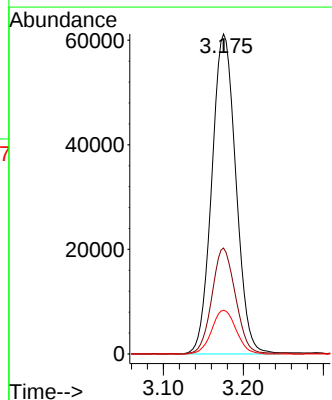
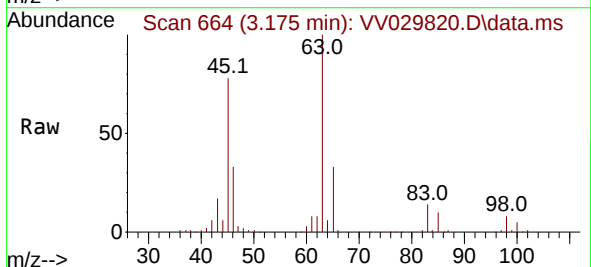
Instrument :
MSVOA_V
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BH1Y3

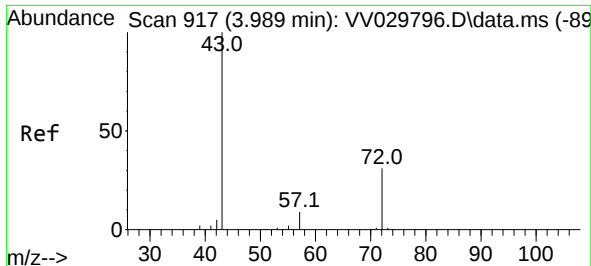
Tgt Ion: 96 Resp: 1826
Ion Ratio Lower Upper
96 100
61 140.1 86.1 159.9
98 59.2 43.9 81.5



#19
1,1-Dichloroethane
Concen: 4.438 ug/L
RT: 3.175 min Scan# 664
Delta R.T. -0.003 min
Lab File: VV029820.D
Acq: 13 Jan 2023 19:51

Tgt Ion: 63 Resp: 127845
Ion Ratio Lower Upper
63 100
65 33.1 22.4 41.6
83 13.7 10.2 19.0

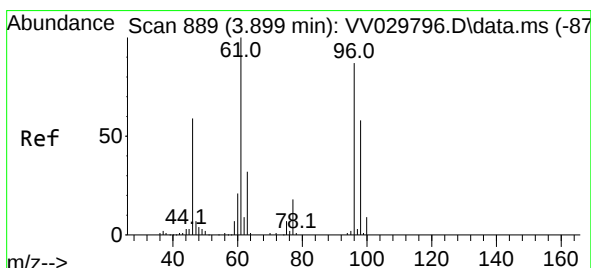
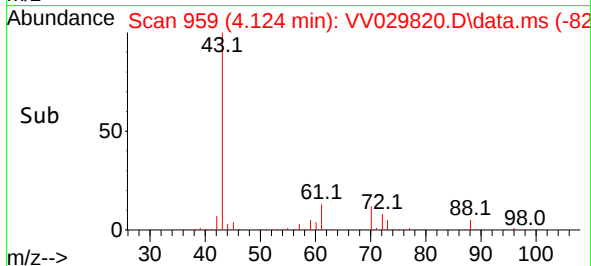
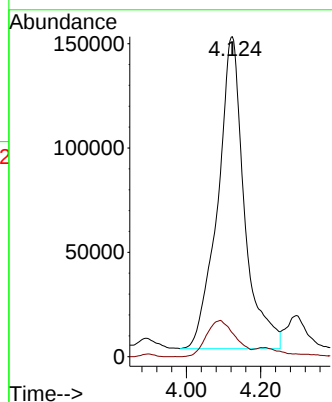
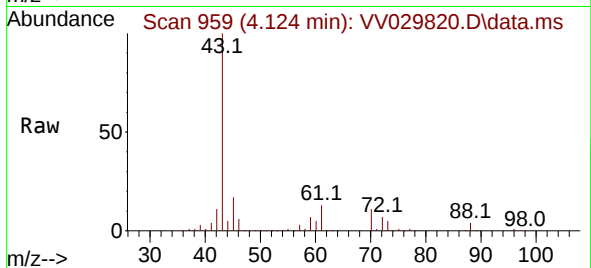




#21
2-Butanone
Concen: 250.090 ug/L
RT: 4.124 min Scan# 917
Delta R.T. 0.141 min
Lab File: VV029820.D
Acq: 13 Jan 2023 19:51

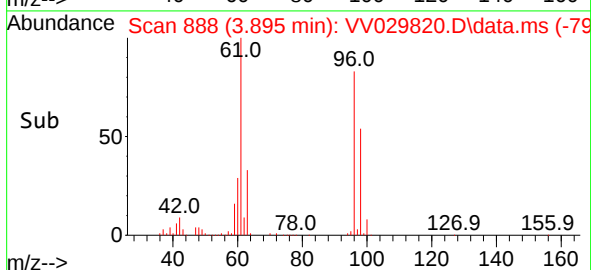
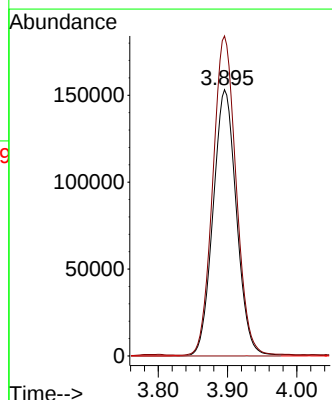
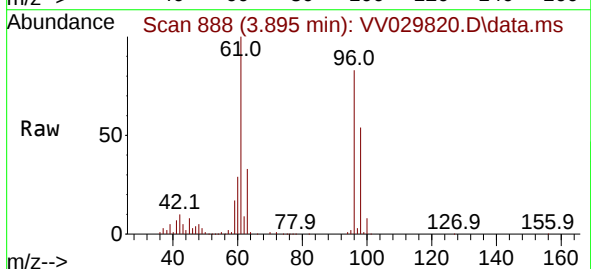
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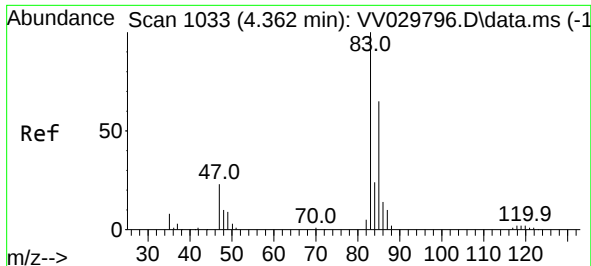
Tgt Ion: 43 Resp: 745776
Ion Ratio Lower Upper
43 100
72 12.7 13.9 41.6#



#22
cis-1,2-Dichloroethene
Concen: 19.578 ug/L
RT: 3.895 min Scan# 888
Delta R.T. -0.003 min
Lab File: VV029820.D
Acq: 13 Jan 2023 19:51

Tgt Ion: 96 Resp: 359228
Ion Ratio Lower Upper
96 100
61 120.2 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.182 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV029820.D

Acq: 13 Jan 2023 19:51

Instrument :

MSVOA_V

ClientSampleId :

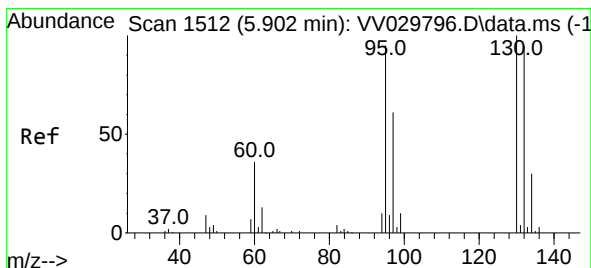
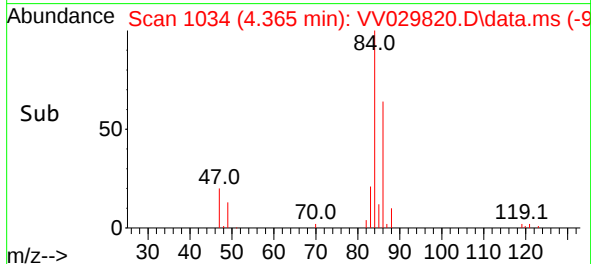
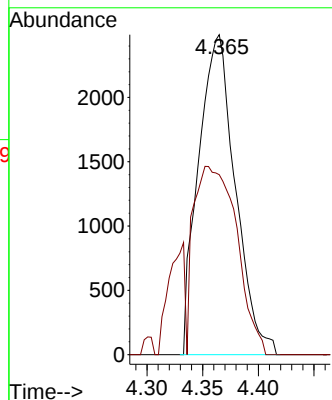
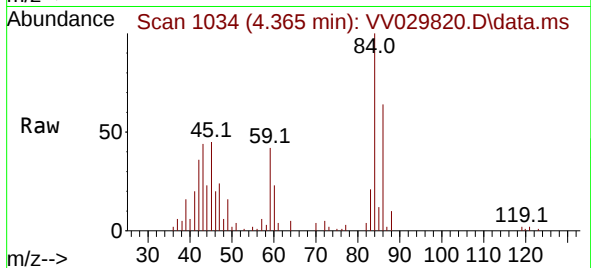
BH1Y3

Tgt Ion: 83 Resp: 5714

Ion Ratio Lower Upper

83 100

85 56.2 46.5 86.5



#34

Trichloroethene

Concen: 260.142 ug/L

RT: 5.892 min Scan# 1509

Delta R.T. -0.013 min

Lab File: VV029820.D

Acq: 13 Jan 2023 19:51

Tgt Ion: 95 Resp: 4284051

Ion Ratio Lower Upper

95 100

97 65.3 44.9 83.3

132 94.6 71.8 133.4

130 98.7 75.3 139.8

