

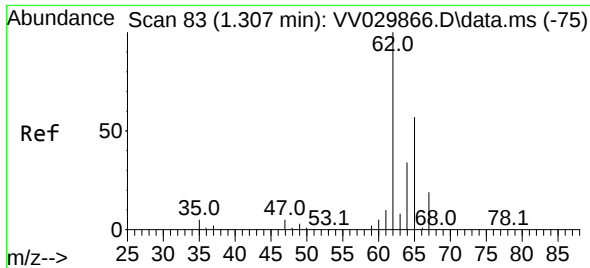
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029878.D
 Acq On : 16 Jan 2023 15:44
 Operator : SY/MD
 Sample : 01136-05 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB8

Quant Time: Jan 17 00:38:48 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	223681	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	219519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	112813	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47895	2.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.564	69	47707	3.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.105	63	69430	2.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.800%#
20) 2-Butanone-d5	3.889	46	103520	34.425	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.860%
24) Chloroform-d	4.339	84	111444	3.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	5.027	65	48019	3.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
32) Benzene-d6	5.043	84	225499	3.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
36) 1,2-Dichloropropane-d6	6.063	67	70221	3.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.600%
41) Toluene-d8	7.307	98	190021	3.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	7.616	79	20745	2.981	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.600%
46) 2-Hexanone-d5	8.085	63	92081	32.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.000%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	51084	3.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	77430	3.775	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.600%#
Target Compounds						
5) Vinyl chloride	1.310	62	23687	1.103	ug/L	96
12) 1,1-Dichloroethene	2.114	96	3031	0.159	ug/L #	1
14) Carbon disulfide	2.291	76	3817	0.069	ug/L	100
16) Methylene chloride	2.503	84	47491	2.002	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	1401	0.079	ug/L	92
19) 1,1-Dichloroethane	3.185	63	14240	0.479	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	17338	0.916	ug/L	99
25) Chloroform	4.365	83	6653	0.206	ug/L	92

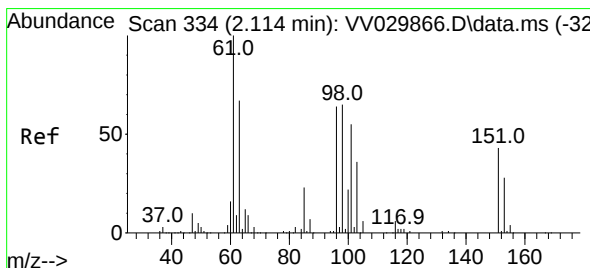
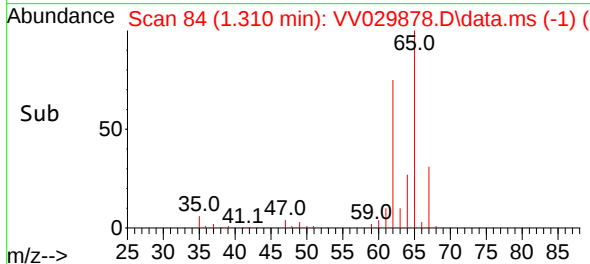
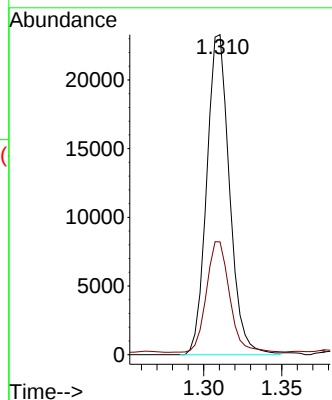
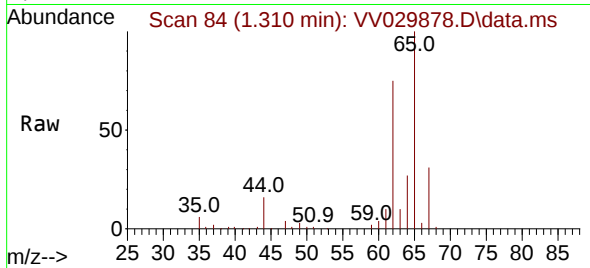
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.103 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV029878.D
 Acq: 16 Jan 2023 15:44

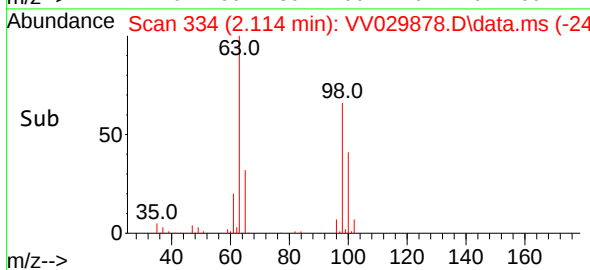
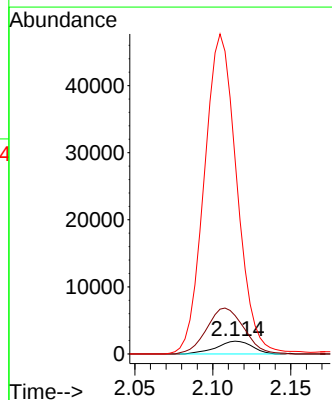
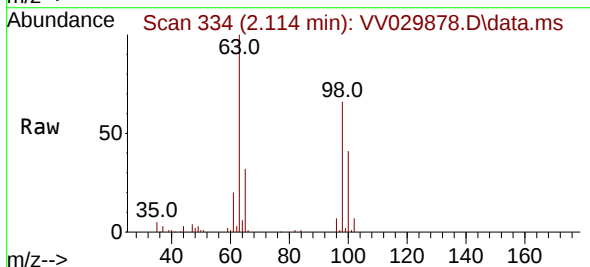
Instrument :
 MSVOA_V
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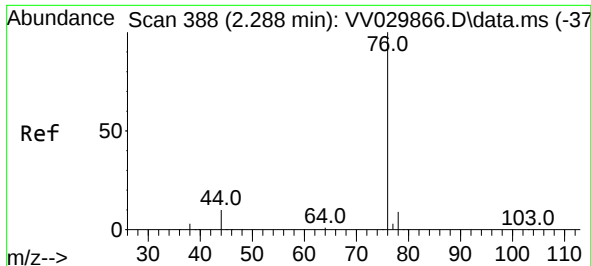
Tgt Ion: 62 Resp: 23687
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 0.159 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029878.D
 Acq: 16 Jan 2023 15:44

Tgt Ion: 96 Resp: 3031
 Ion Ratio Lower Upper
 96 100
 61 300.7 106.1 197.1#
 63 1526.8 76.4 141.8#

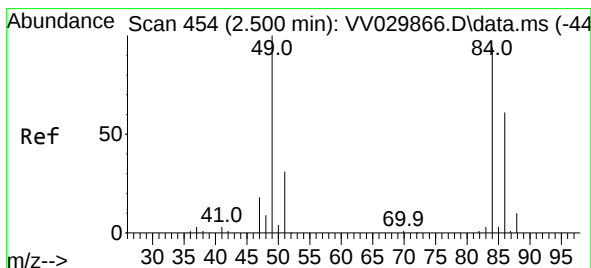
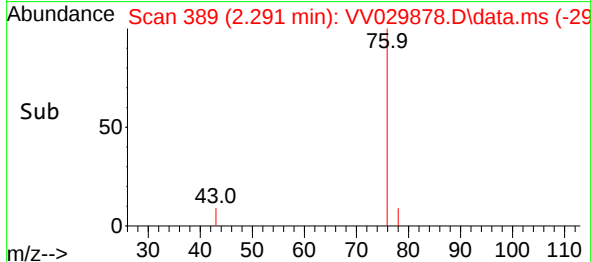
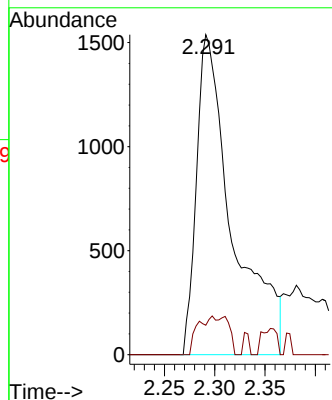
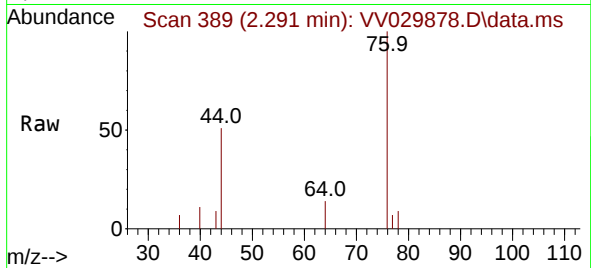




#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

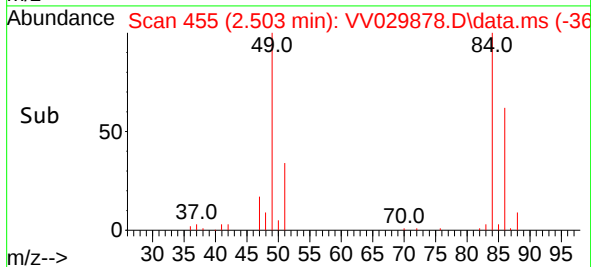
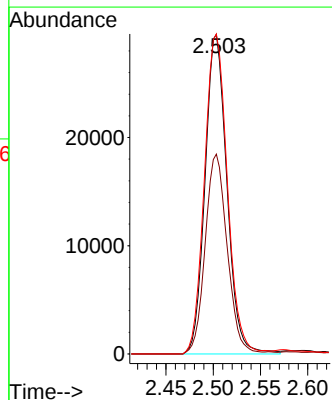
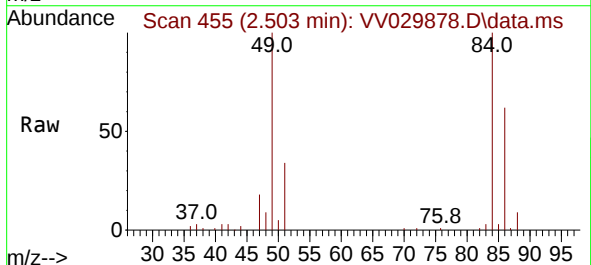
Instrument :
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ClientSampleId :
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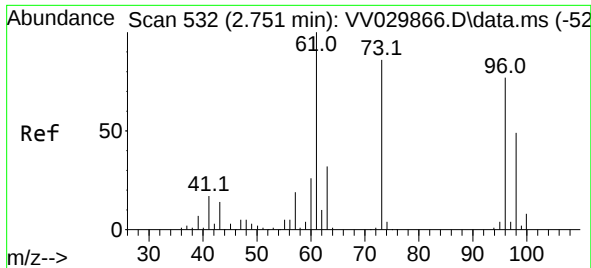
Tgt Ion: 76 Resp: 3817
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#16
Methylene chloride
Concen: 2.002 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

Tgt Ion: 84 Resp: 47491
Ion Ratio Lower Upper
84 100
86 62.5 45.0 83.6
49 100.1 71.5 132.7

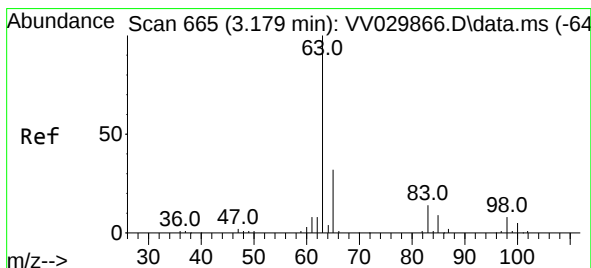
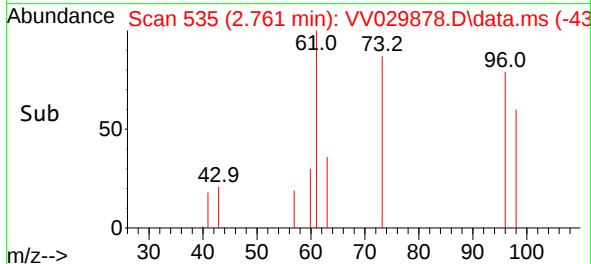
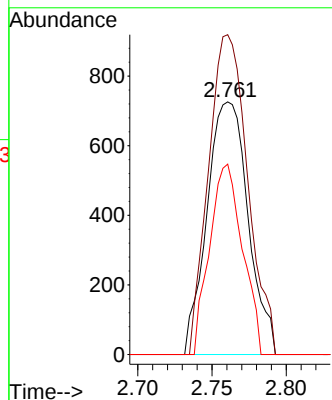
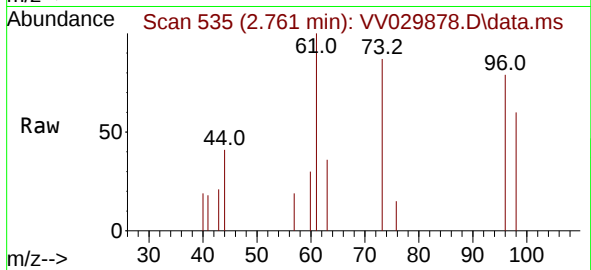




#18
trans-1,2-Dichloroethene
Concen: 0.079 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

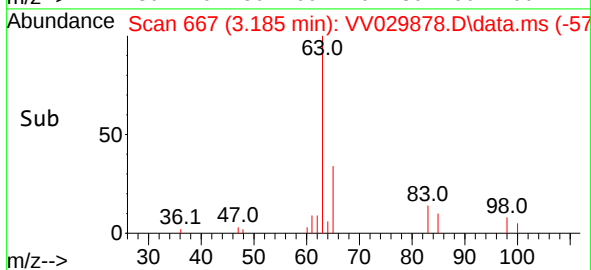
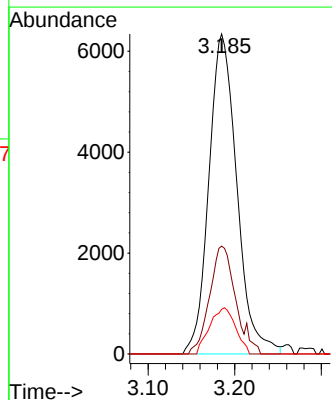
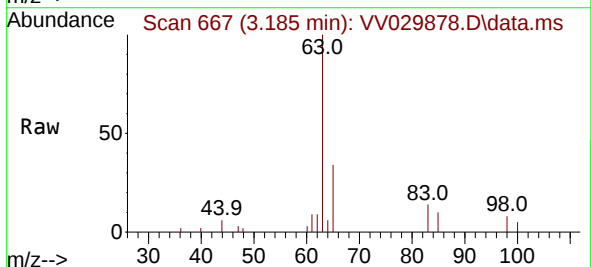
Instrument :
MSVOA_V
ClientSampleId :
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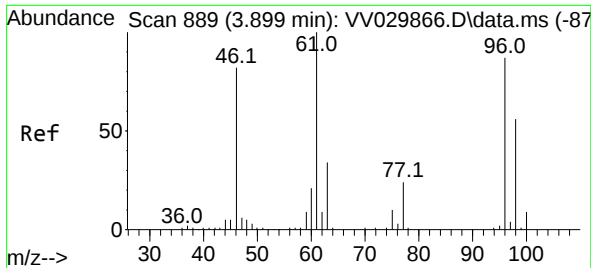
Tgt Ion: 96 Resp: 1401
Ion Ratio Lower Upper
96 100
61 126.6 86.1 159.9
98 75.3 43.9 81.5



#19
1,1-Dichloroethane
Concen: 0.479 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

Tgt Ion: 63 Resp: 14240
Ion Ratio Lower Upper
63 100
65 33.7 22.4 41.6
83 13.9 10.2 19.0

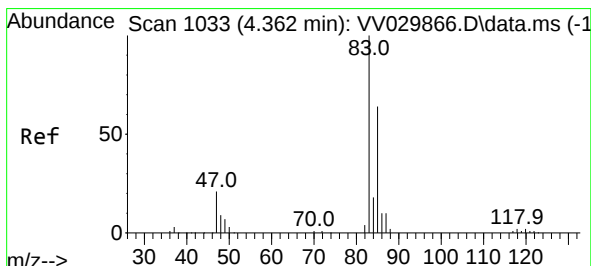
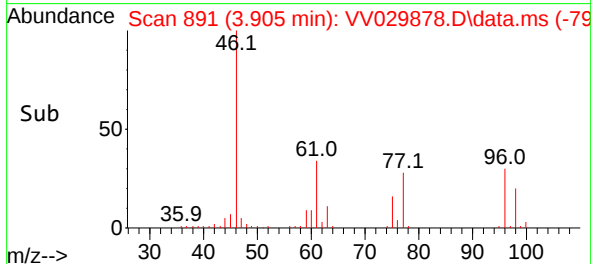
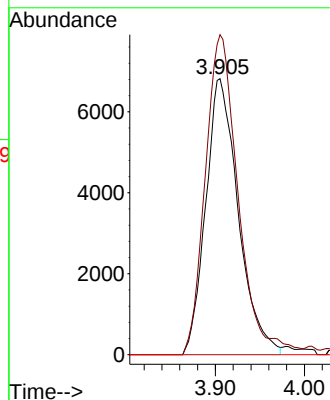
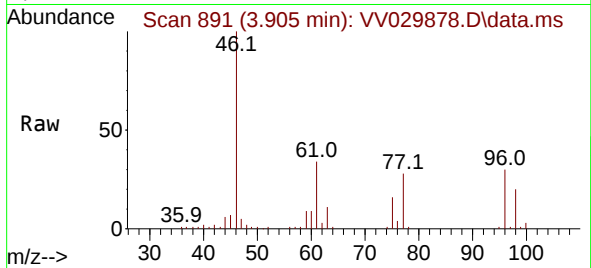




#22
cis-1,2-Dichloroethene
Concen: 0.916 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

Instrument :
MSVOA_V
ClientSampleId :
BGJB8

Tgt Ion: 96 Resp: 17338
Ion Ratio Lower Upper
96 100
61 115.9 80.0 148.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.206 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

Tgt Ion: 83 Resp: 6653
Ion Ratio Lower Upper
83 100
85 60.0 46.5 86.5

