

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029861.D
 Acq On : 14 Jan 2023 16:24
 Operator : SY/MD
 Sample : 01138-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X3

Quant Time: Jan 16 01:57:46 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)

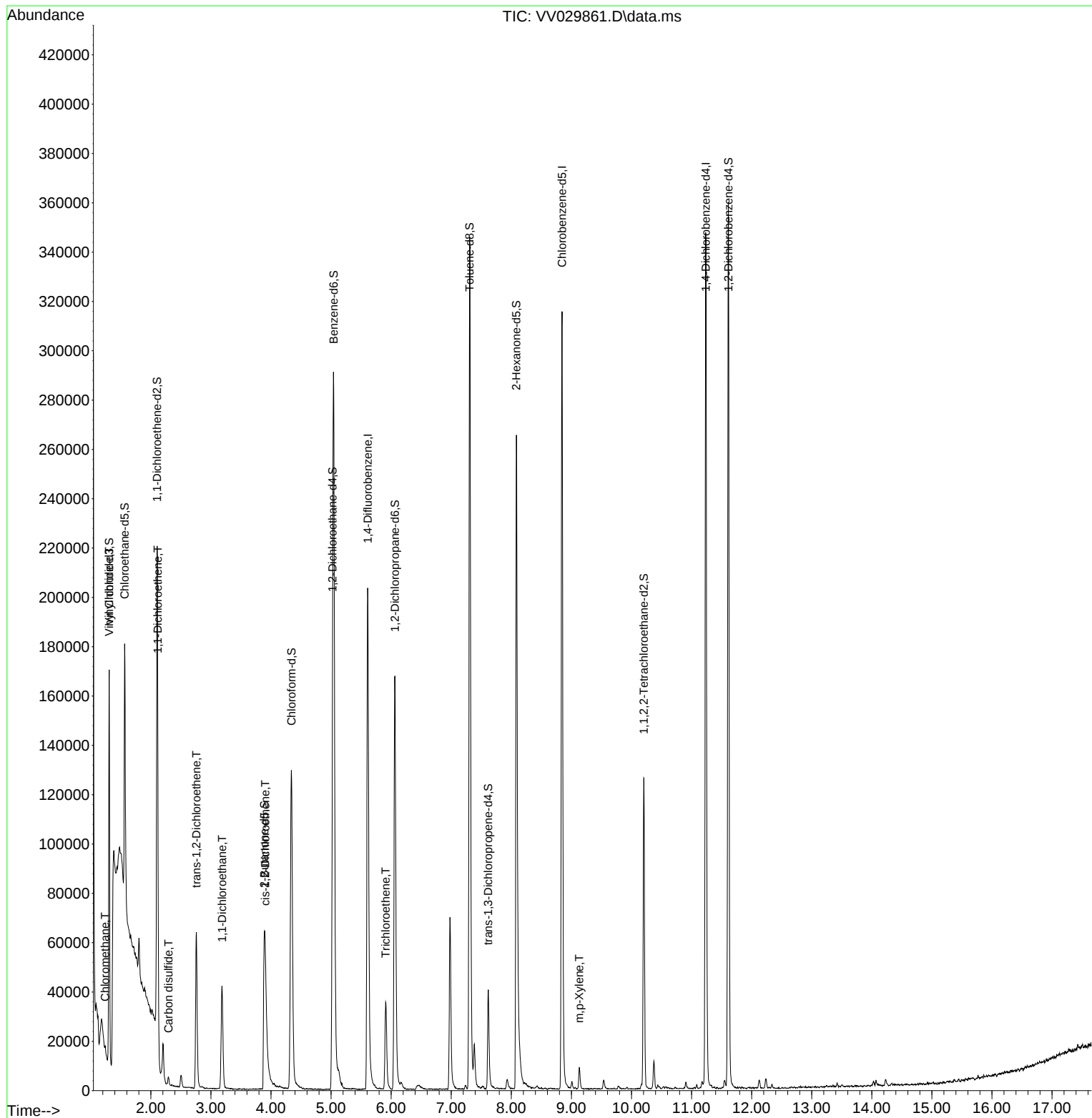
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	194989	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	189581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	98838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68668	4.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.564	69	63993	5.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.105	63	97054	3.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.889	46	111647	42.591	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.180%
24) Chloroform-d	4.339	84	143458	5.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.024	65	62805	5.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.043	84	292512	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.063	67	90343	5.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.307	98	253733	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.616	79	24799	4.126	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.085	63	104145	42.559	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.120%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	64242	5.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	98259	5.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1771	0.093	ug/L	99
5) Vinyl chloride	1.307	62	35223	1.881	ug/L	96
12) 1,1-Dichloroethene	2.114	96	8911	0.535	ug/L #	1
14) Carbon disulfide	2.294	76	5289	0.110	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	25517	1.649	ug/L	96
19) 1,1-Dichloroethane	3.185	63	43631	1.685	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	9487	0.575	ug/L	98
34) Trichloroethene	5.908	95	13727	0.864	ug/L	97
53) m,p-Xylene	9.130	106	2740	0.098	ug/L	99

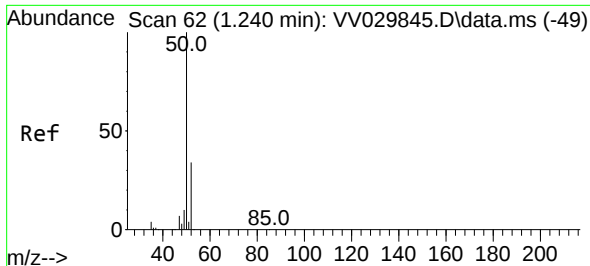
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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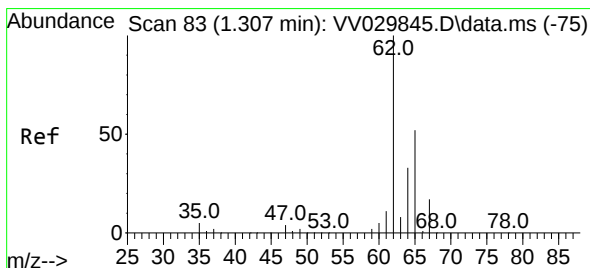
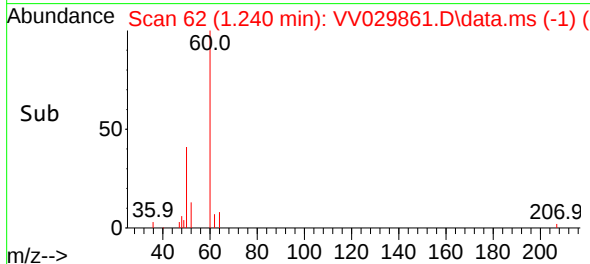
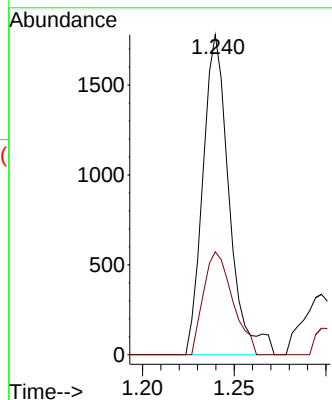
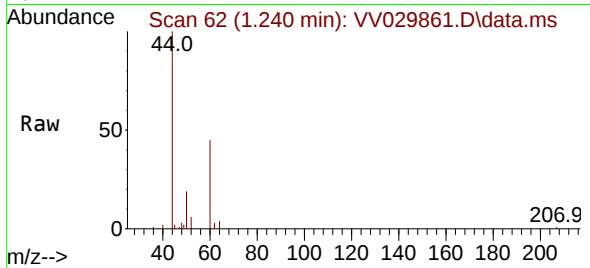




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029861.D
Acq: 14 Jan 2023 16:24

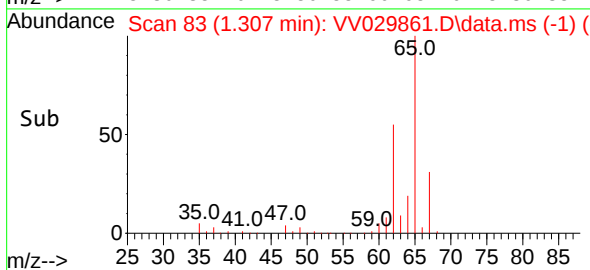
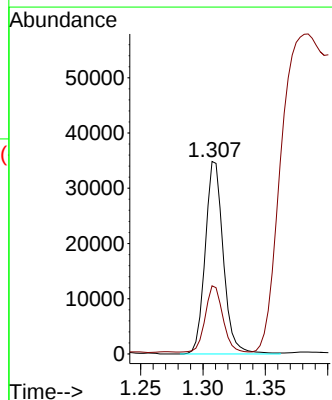
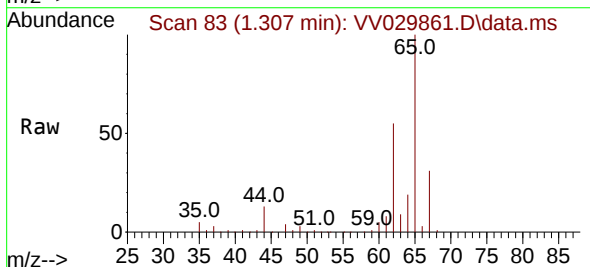
Instrument :
MSVOA_V
ClientSampleId :
BH1X3

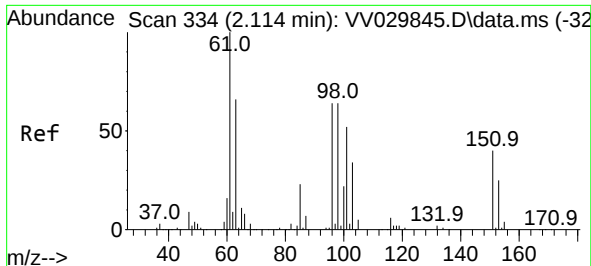
Tgt Ion: 50 Resp: 1771
Ion Ratio Lower Upper
50 100
52 32.2 23.1 42.9



#5
Vinyl chloride
Concen: 1.881 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029861.D
Acq: 14 Jan 2023 16:24

Tgt Ion: 62 Resp: 35223
Ion Ratio Lower Upper
62 100
64 35.4 23.2 43.2





#12

1,1-Dichloroethene

Concen: 0.535 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029861.D

Acq: 14 Jan 2023 16:24

Instrument :

MSVOA_V

ClientSampleId :

BH1X3

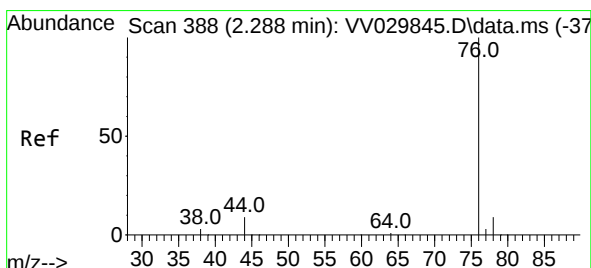
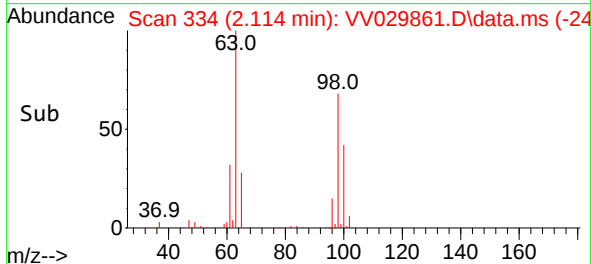
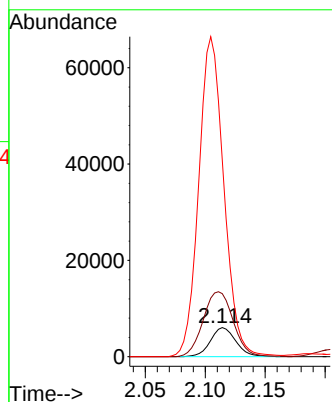
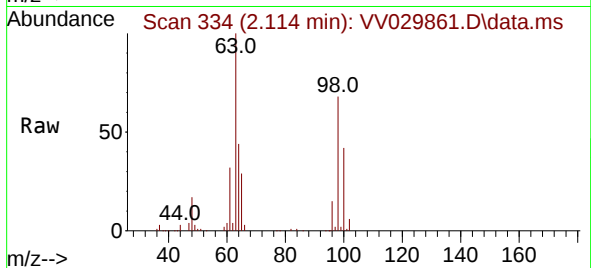
Tgt Ion: 96 Resp: 8911

Ion Ratio Lower Upper

96 100

61 216.9 106.1 197.1#

63 677.0 76.4 141.8#



#14

Carbon disulfide

Concen: 0.110 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.010 min

Lab File: VV029861.D

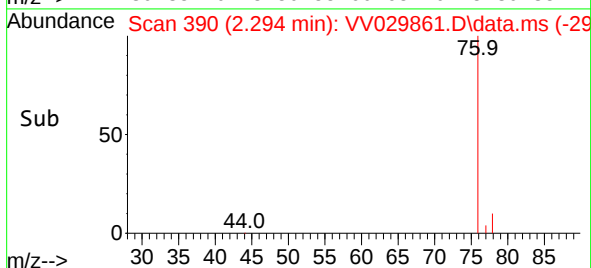
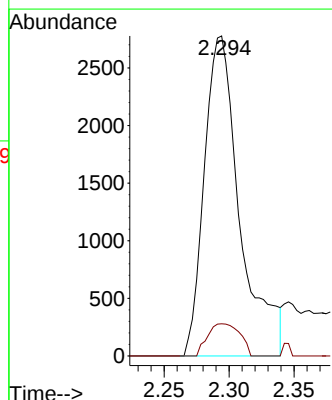
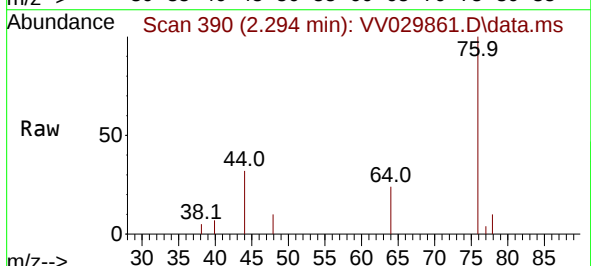
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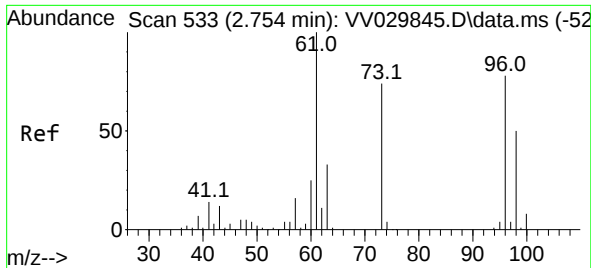
Tgt Ion: 76 Resp: 5289

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0

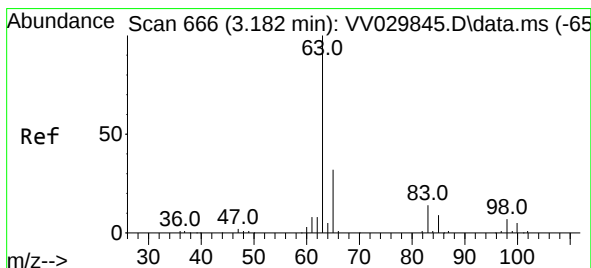
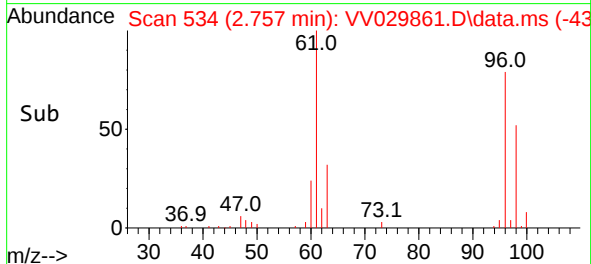
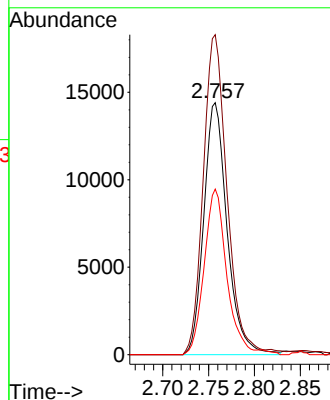
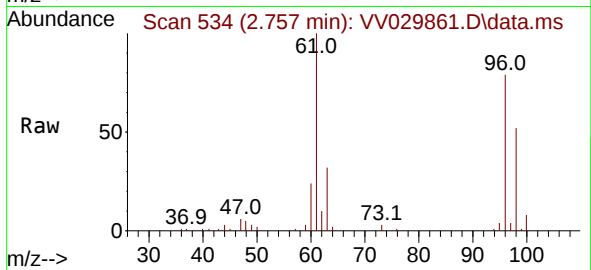




#18
trans-1,2-Dichloroethene
Concen: 1.649 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.006 min
Lab File: VV029861.D
Acq: 14 Jan 2023 16:24

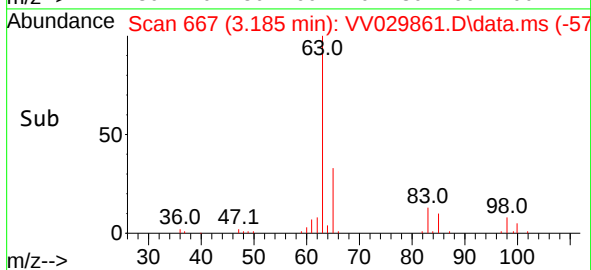
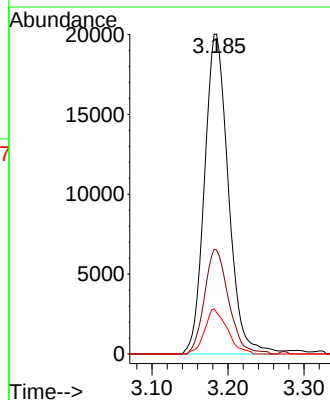
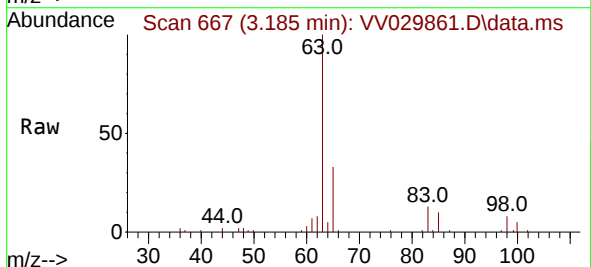
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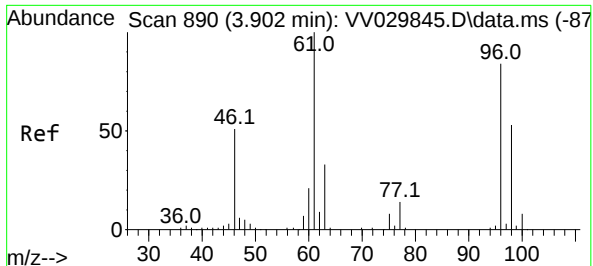
Tgt Ion: 96 Resp: 25517
Ion Ratio Lower Upper
96 100
61 127.0 86.1 159.9
98 65.7 43.9 81.5



#19
1,1-Dichloroethane
Concen: 1.685 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029861.D
Acq: 14 Jan 2023 16:24

Tgt Ion: 63 Resp: 43631
Ion Ratio Lower Upper
63 100
65 32.5 22.4 41.6
83 13.1 10.2 19.0

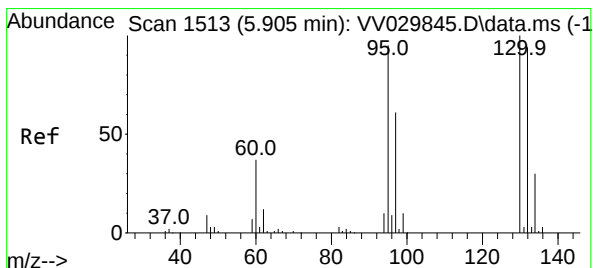
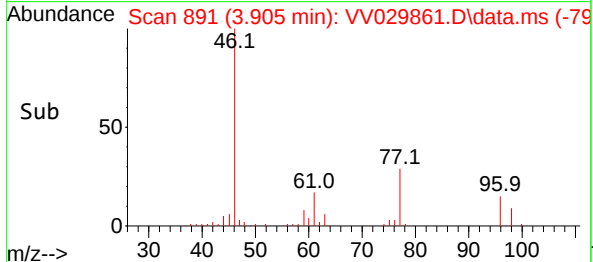
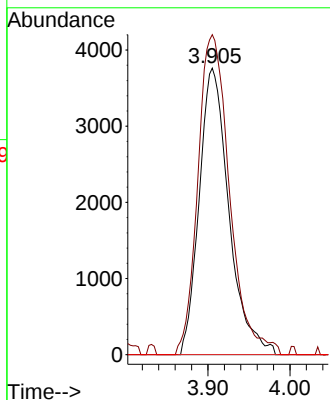
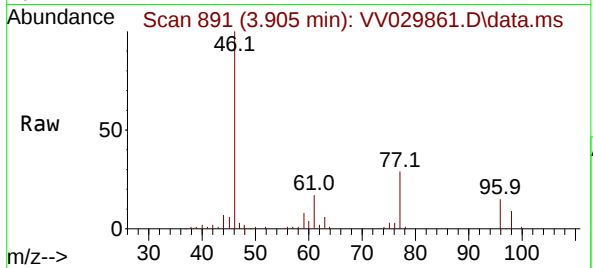




#22
 cis-1,2-Dichloroethene
 Concen: 0.575 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029861.D
 Acq: 14 Jan 2023 16:24

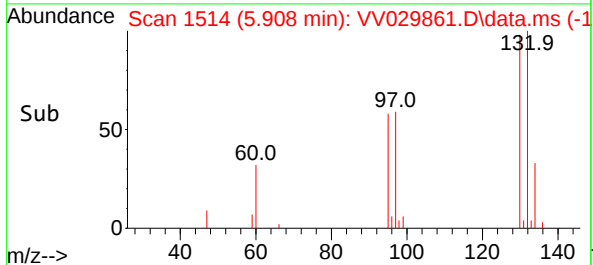
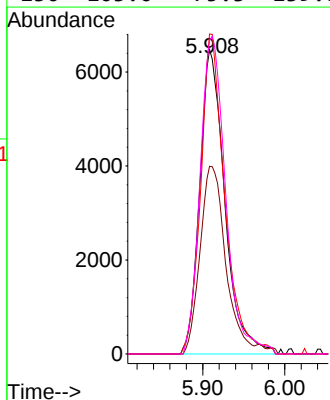
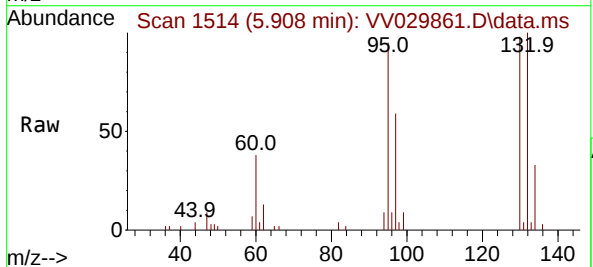
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 ClientSampleId :
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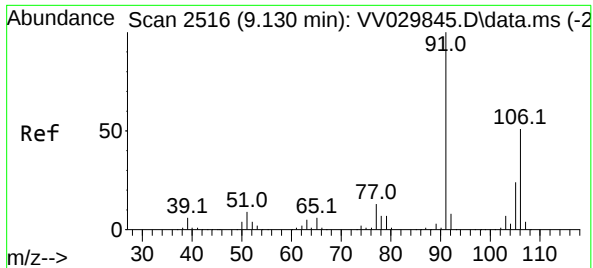
Tgt Ion: 96 Resp: 9487
 Ion Ratio Lower Upper
 96 100
 61 111.6 80.0 148.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.864 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. 0.003 min
 Lab File: VV029861.D
 Acq: 14 Jan 2023 16:24

Tgt Ion: 95 Resp: 13727
 Ion Ratio Lower Upper
 95 100
 97 61.7 44.9 83.3
 132 105.1 71.8 133.4
 130 103.0 75.3 139.8





#53
 m,p-Xylene
 Concen: 0.098 ug/L
 RT: 9.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029861.D
 Acq: 14 Jan 2023 16:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X3

Tgt Ion:106 Resp: 2740
 Ion Ratio Lower Upper
 106 100
 91 199.9 138.7 257.7

