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 Data File : VW029862.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

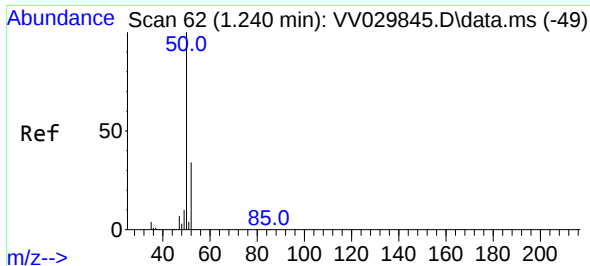
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X4

Quant Time: Jan 16 00:41:27 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
8) Chloroethane	1.384	64	131108	11.538	ug/L #	50
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
15) Methyl Acetate	2.182	43	3292	0.676	ug/L #	45
17) Methyl tert-butyl Ether	2.764	73	1659	0.058	ug/L #	81
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
27) 1,2-Dichloroethane	5.130	62	3043	0.223	ug/L	100
34) Trichloroethene	5.908	95	13727	0.864	ug/L	97
53) m,p-Xylene	9.130	106	2740	0.098	ug/L	99
62) 1,3,5-Trimethylbenzene	10.911	105	1880	0.035	ug/L	91

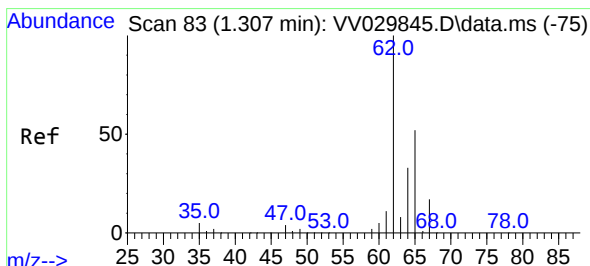
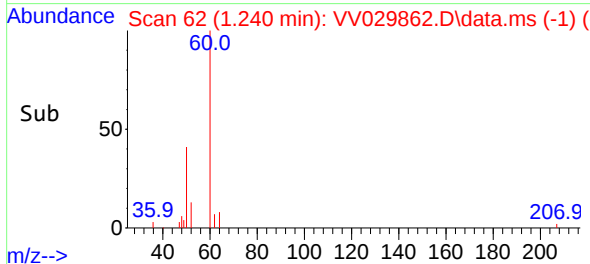
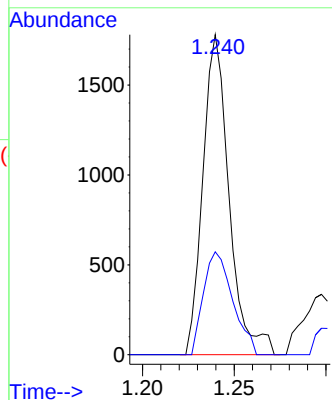
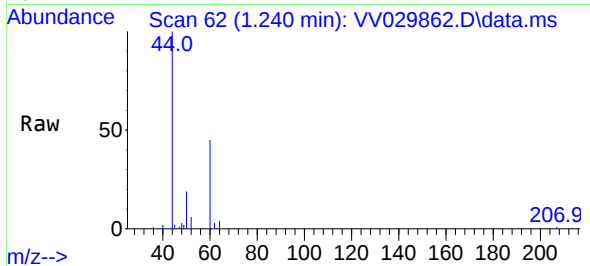
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029862.D
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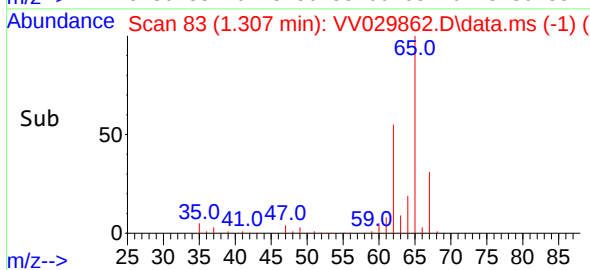
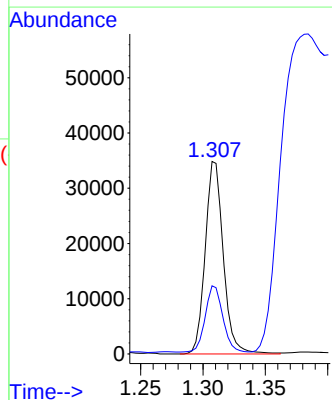
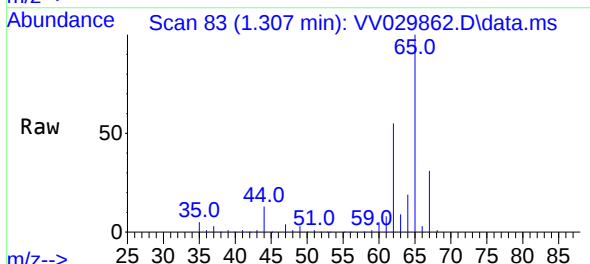
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MSVOA_V
ClientSampleId :
BH1X4

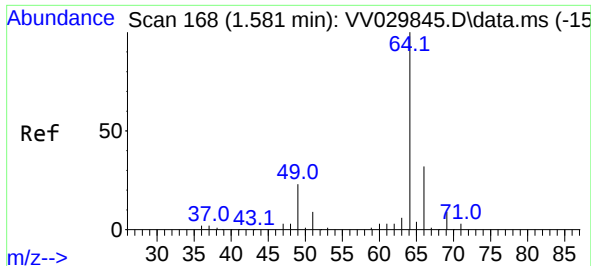
Tgt Ion: 50 Resp: 1771
Ion Ratio Lower Upper
50 100
52 32.2 23.1 42.9



#5
Vinyl chloride
Concen: 1.881 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029862.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

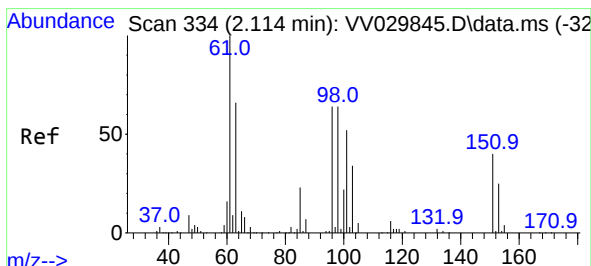
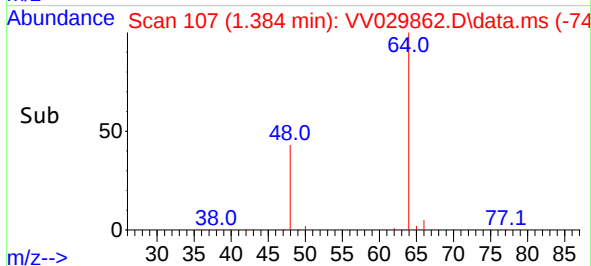
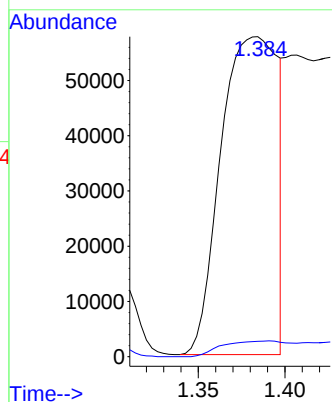
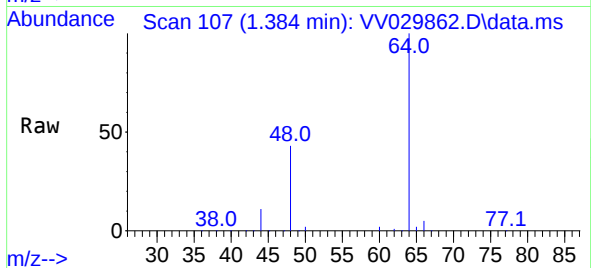




#8
Chloroethane
Concen: 11.538 ug/L
RT: 1.384 min Scan# 107
Delta R.T. -0.193 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:24

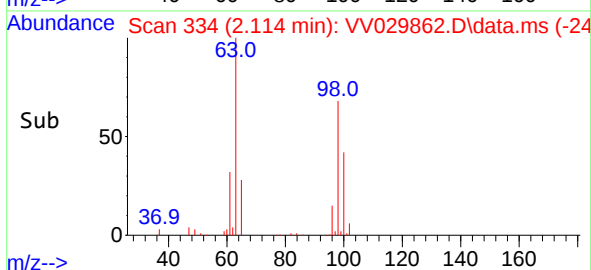
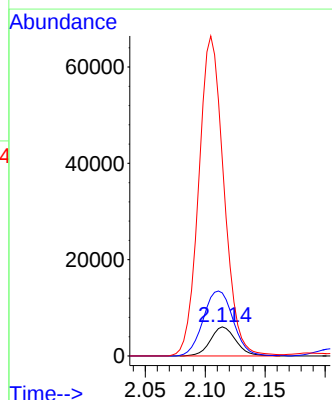
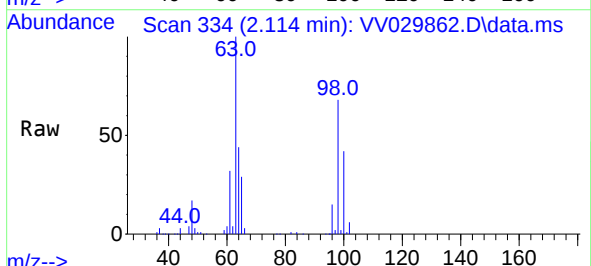
Instrument :
MSVOA_V
ClientSampleId :
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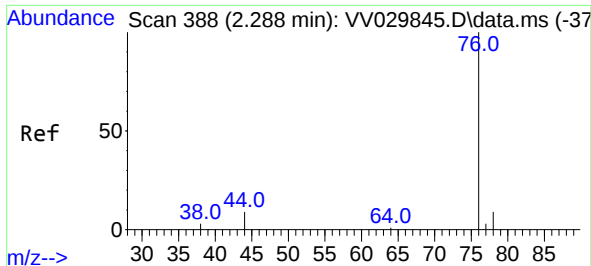
Tgt Ion: 64 Resp: 131108
Ion Ratio Lower Upper
64 100
66 4.8 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 0.535 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:24

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#

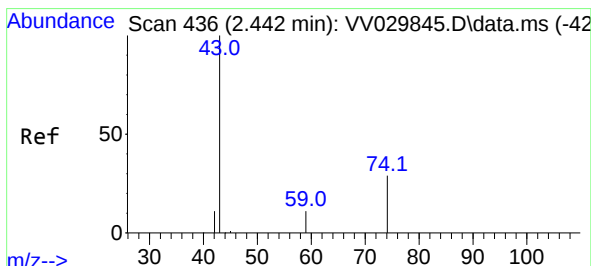
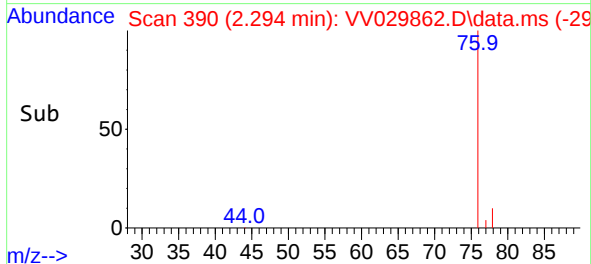
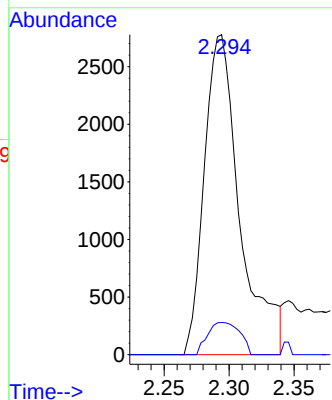
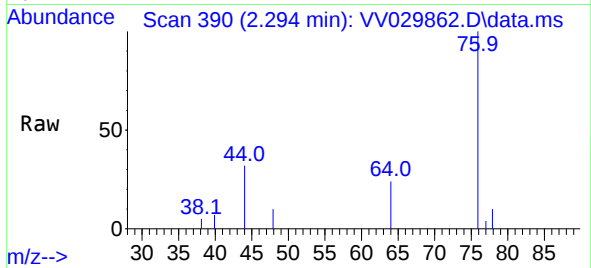




#14
Carbon disulfide
Concen: 0.110 ug/L
RT: 2.294 min Scan# 341
Delta R.T. 0.010 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:24

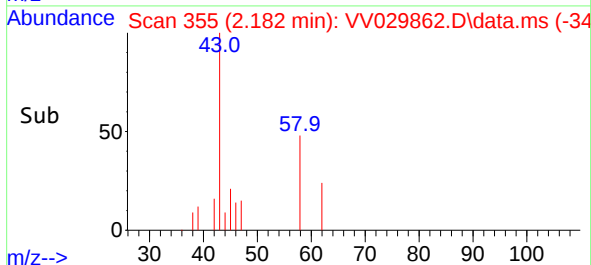
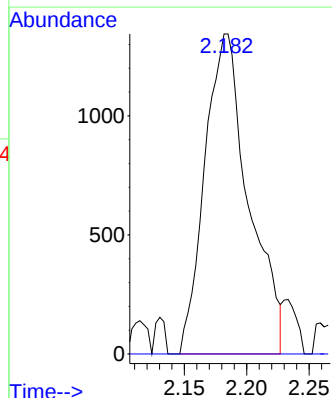
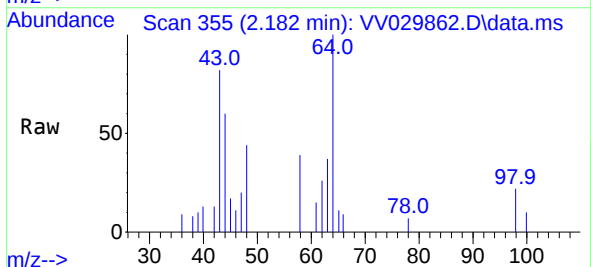
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ClientSampleId :
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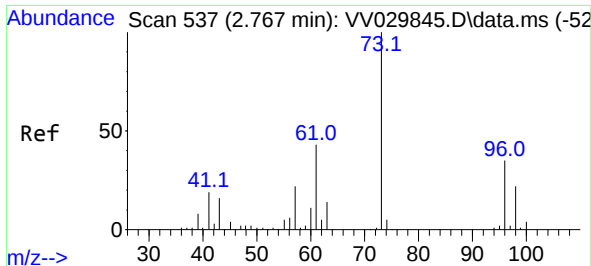
Tgt Ion: 76 Resp: 5289
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#15
Methyl Acetate
Concen: 0.676 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.254 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:24

Tgt Ion: 43 Resp: 3292
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#

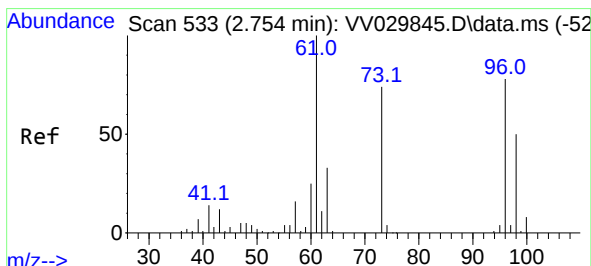
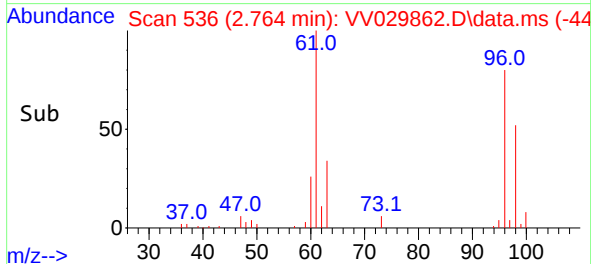
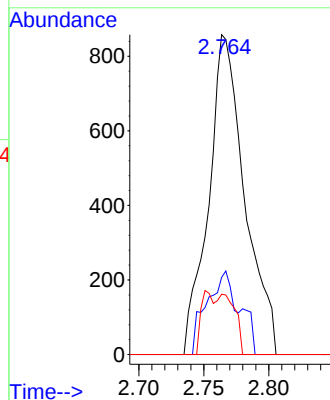
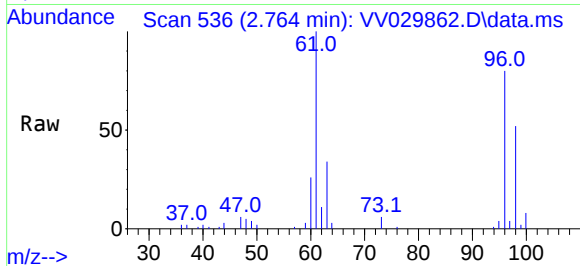




#17
Methyl tert-butyl Ether
Concen: 0.058 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:24

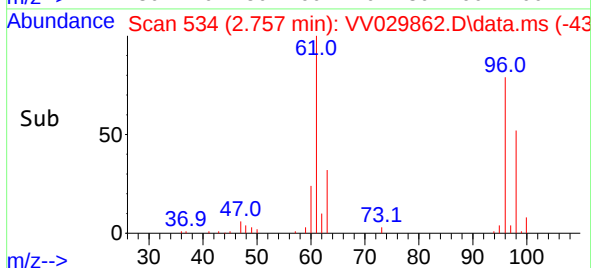
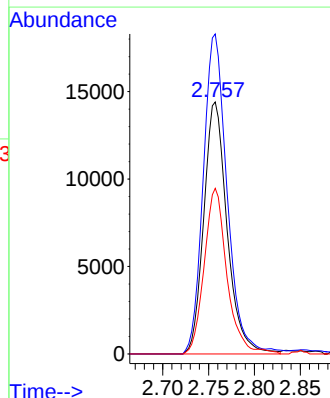
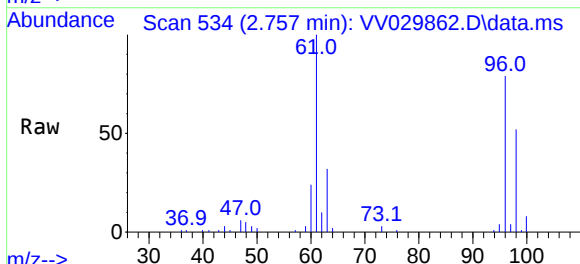
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MSVOA_V
ClientSampleId :
BH1X4

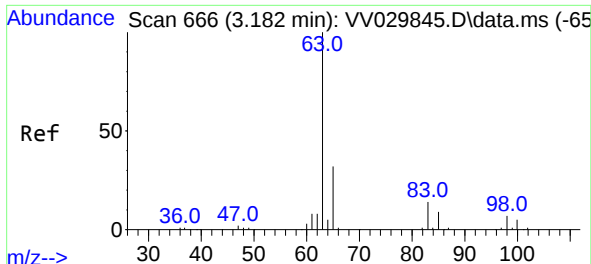
Tgt Ion: 73 Resp: 1659
Ion Ratio Lower Upper
73 100
43 19.5 13.0 19.4#
57 8.1 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 1.649 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:24

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# 6

Delta R.T. 0.006 min

Lab File: VV029862.D

Acq: 14 Jan 2023 16:24

Instrument :

MSVOA_V

ClientSampleId :

BH1X4

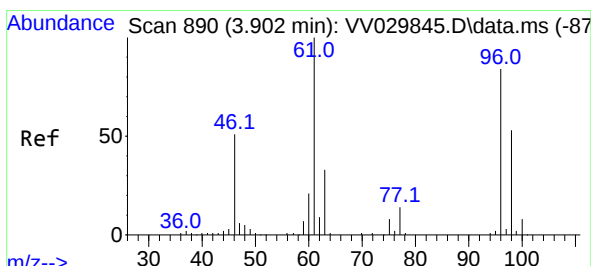
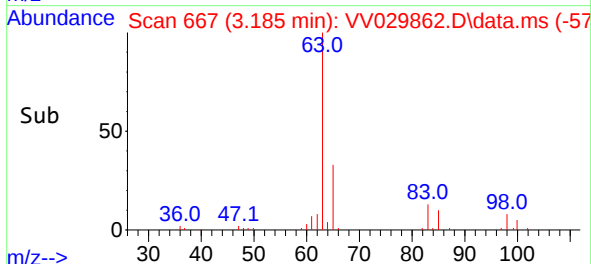
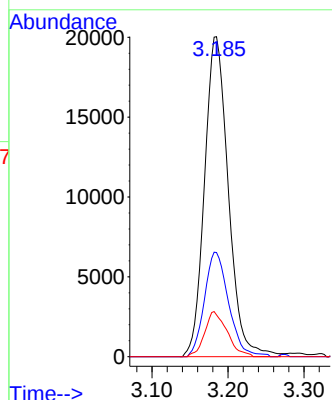
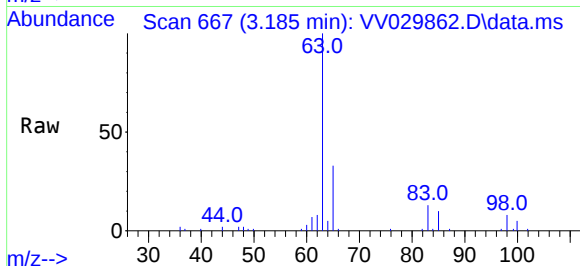
Tgt Ion: 63 Resp: 43631

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: VV029862.D

Acq: 14 Jan 2023 16:24

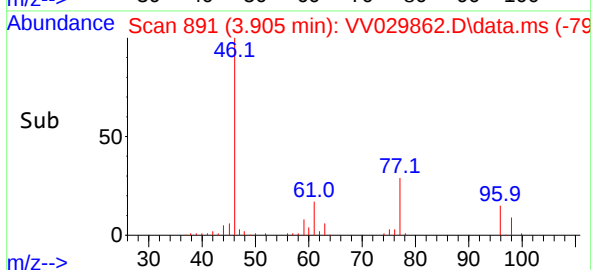
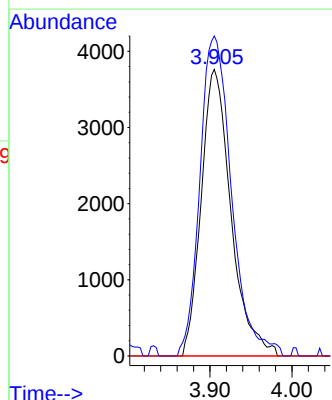
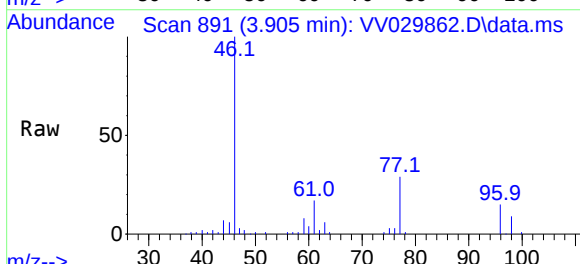
Tgt Ion: 96 Resp: 9487

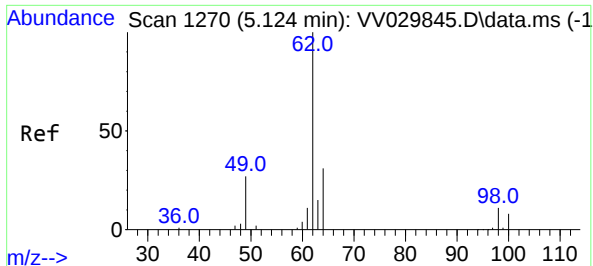
Ion Ratio Lower Upper

96 100

61 111.6 80.0 148.6

68 0.0 0.0 0.0

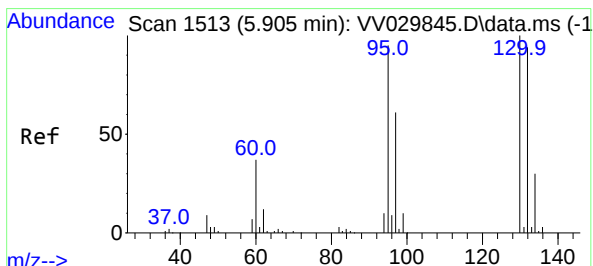
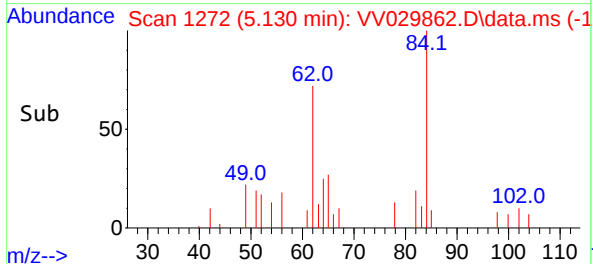
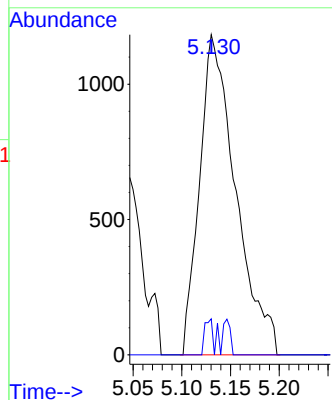
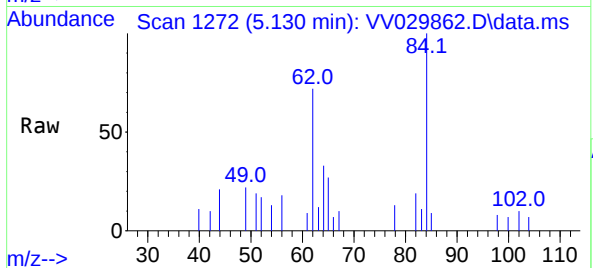




#27
1,2-Dichloroethane
Concen: 0.223 ug/L
RT: 5.130 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:24

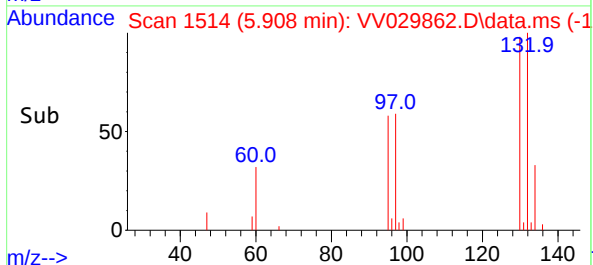
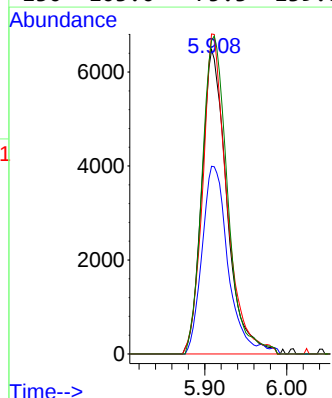
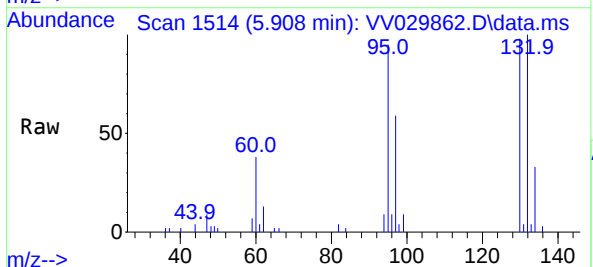
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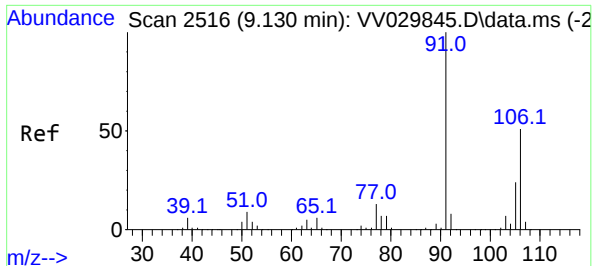
Tgt Ion: 62 Resp: 3043
Ion Ratio Lower Upper
62 100
98 11.2 8.9 13.3



#34
Trichloroethene
Concen: 0.864 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029862.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

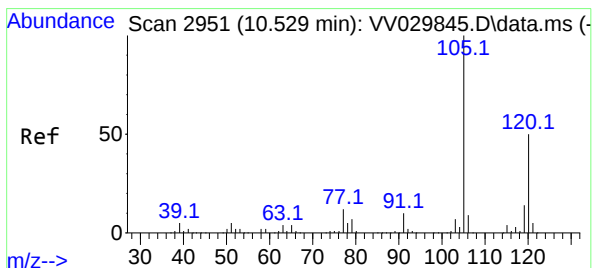
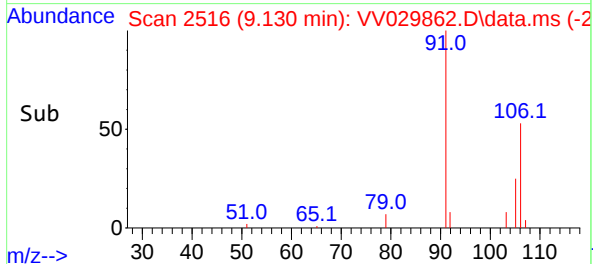
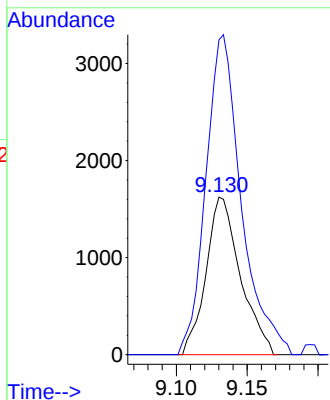
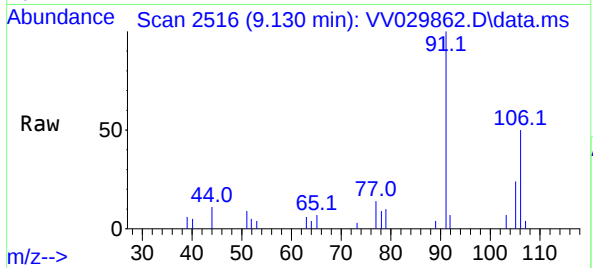




#53
m,p-Xylene
Concen: 0.098 ug/L
RT: 9.130 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:24

Instrument :
MSVOA_V
ClientSampleId :
BH1X4

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



#62
1,3,5-Trimethylbenzene
Concen: 0.035 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.383 min
Lab File: VV029862.D
Acq: 14 Jan 2023 16:24

Tgt Ion:105 Resp: 1880
Ion Ratio Lower Upper
105 100
120 43.7 40.1 60.1

