

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023604.D
 Acq On : 18 Nov 2021 15:12
 Operator : SY/MD
 Sample : M4627-17DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4648DL

Quant Time: Nov 19 02:13:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

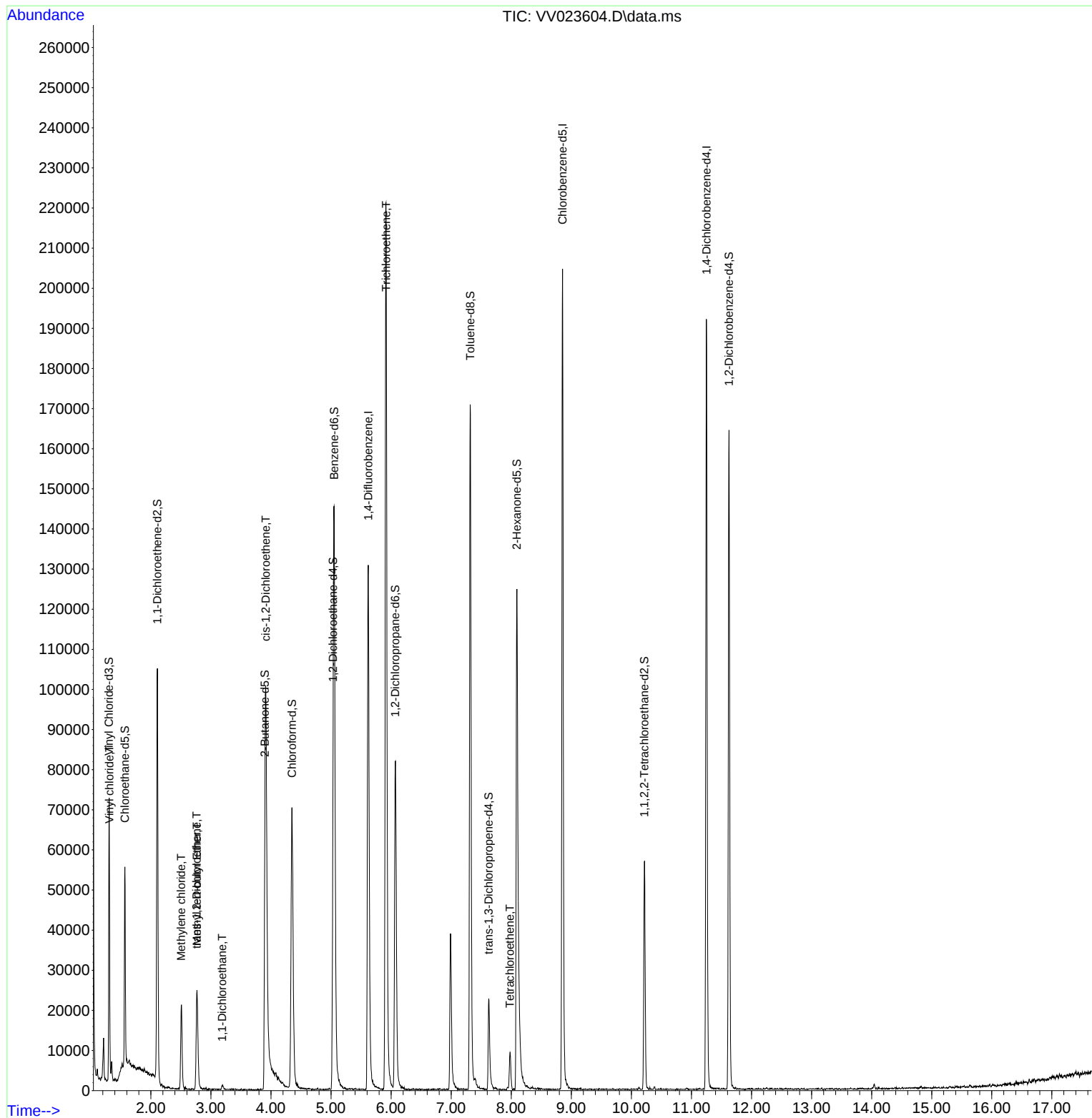
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115343	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115972	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52646	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37952	5.252	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.000%	
7) Chloroethane-d5	1.568	69	29834	5.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.108	63	52448	3.877	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.600%	
20) 2-Butanone-d5	3.899	46	47654	38.280	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.560%	
24) Chloroform-d	4.352	84	69862	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.034	65	32560	4.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.053	84	131666	4.425	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6	6.069	67	39676	4.530	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.317	98	115930	4.158	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	7.625	79	14238	4.287	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.091	63	50998	41.732	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26669	4.234	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	43610	4.975	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4567	0.478	ug/L #	74
16) Methylene chloride	2.506	84	8730	0.870	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	19630	1.296	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	2264	0.268	ug/L	88
19) 1,1-Dichloroethane	3.188	63	1321	0.093	ug/L #	75
22) cis-1,2-Dichloroethene	3.912	96	47756	5.869	ug/L #	93
34) Trichloroethene	5.915	95	75843	8.799	ug/L	97
47) Tetrachloroethene	7.979	164	2311	0.309	ug/L	85

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

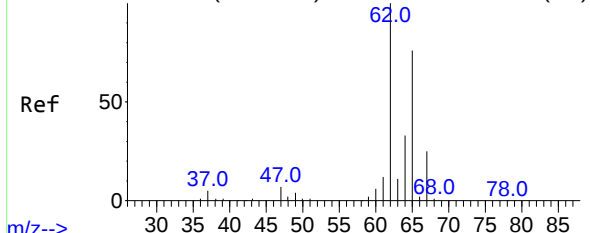
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023604.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 02:11:08 2021
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV023593.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.478 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023604.D

Acq: 18 Nov 2021 15:12

Instrument :

MSVOA_V

ClientSampleId :

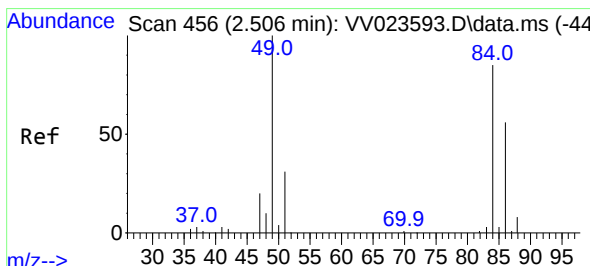
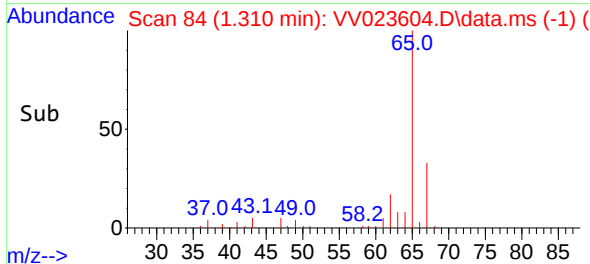
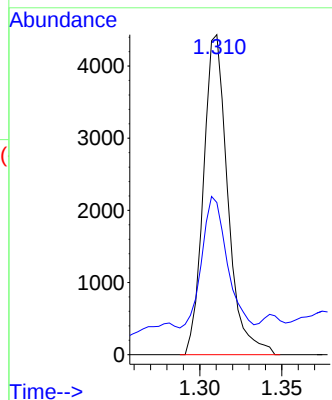
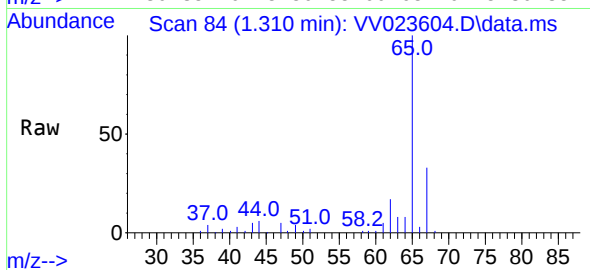
H4648DL

Tgt Ion: 62 Resp: 4567

Ion Ratio Lower Upper

62 100

64 47.6 23.1 42.9#



#16

Methylene chloride

Concen: 0.870 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV023604.D

Acq: 18 Nov 2021 15:12

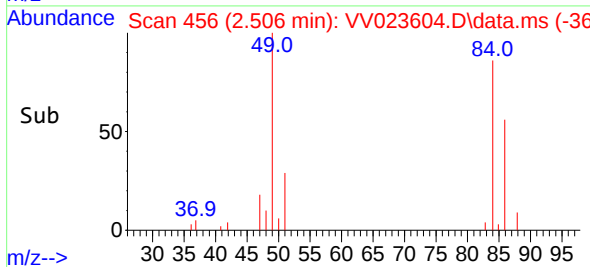
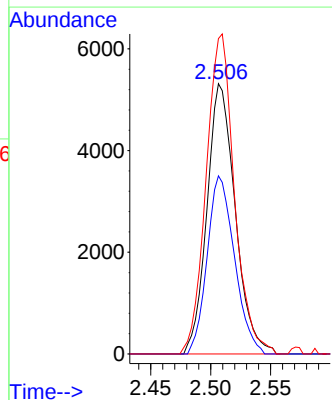
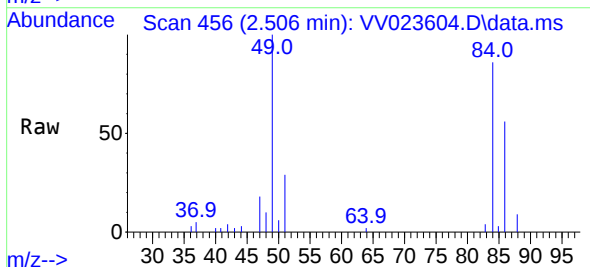
Tgt Ion: 84 Resp: 8730

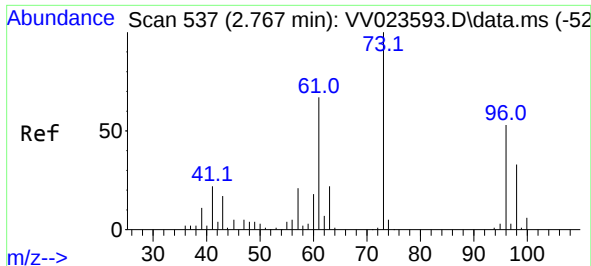
Ion Ratio Lower Upper

84 100

86 65.9 42.3 78.5

49 116.7 79.7 148.1

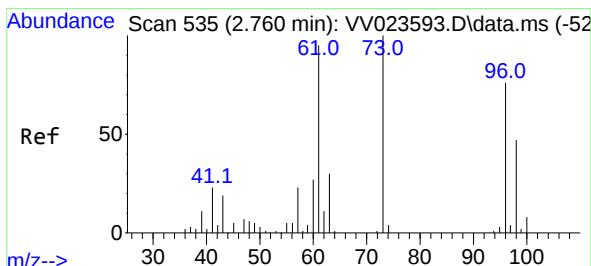
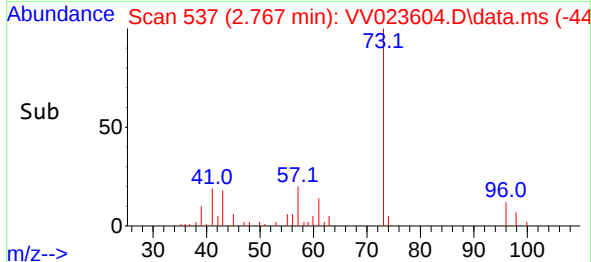
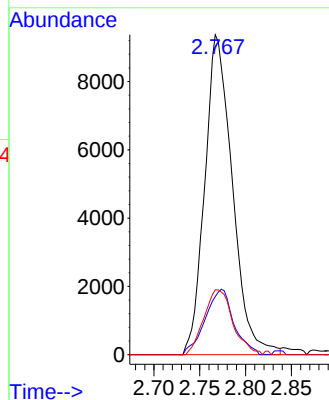
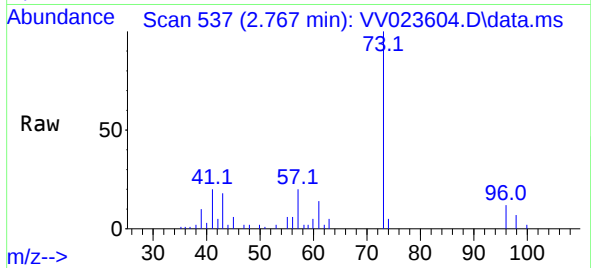




#17
Methyl tert-butyl Ether
Concen: 1.296 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

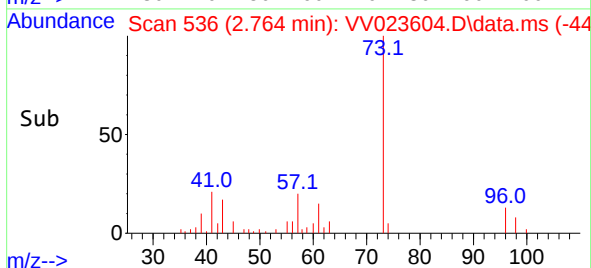
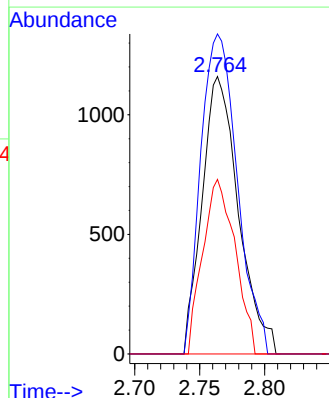
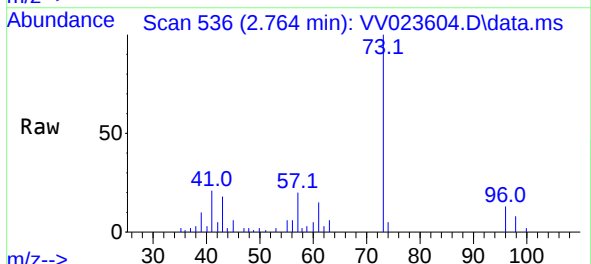
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ClientSampleId :
H4648DL

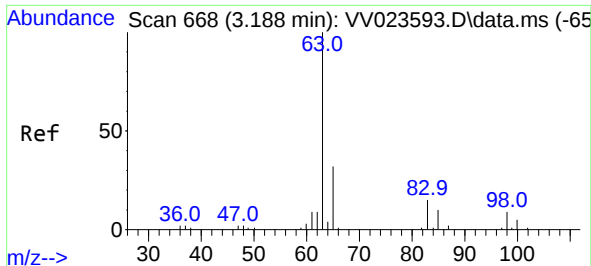
Tgt Ion: 73	Resp:	19630
Ion	Ratio	Lower Upper
73	100	
43	21.1	17.4 26.0
57	21.3	16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 0.268 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

Tgt Ion: 96	Resp:	2264
Ion	Ratio	Lower Upper
96	100	
61	115.3	93.2 173.2
98	62.9	47.0 87.2

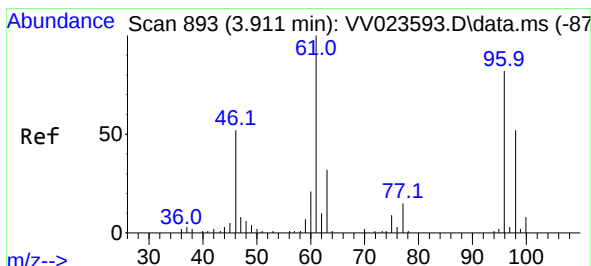
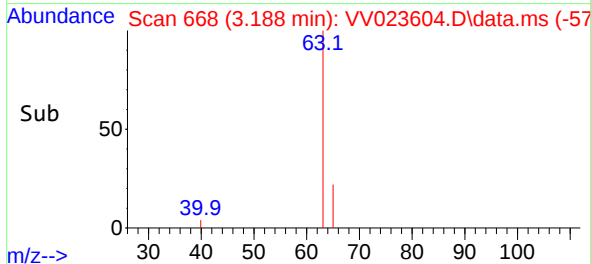
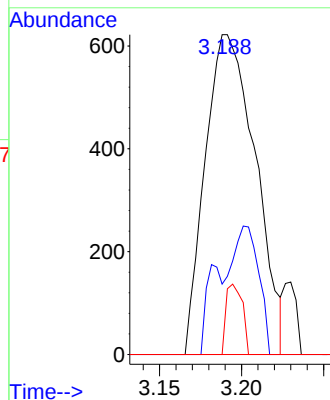
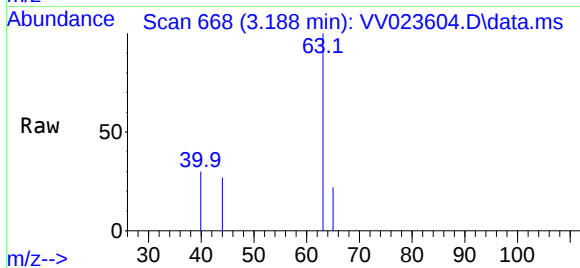




#19
1,1-Dichloroethane
Concen: 0.093 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

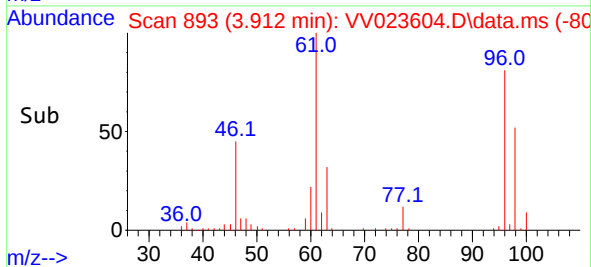
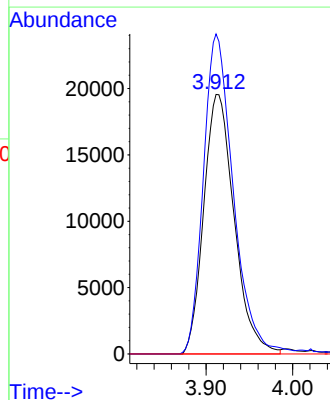
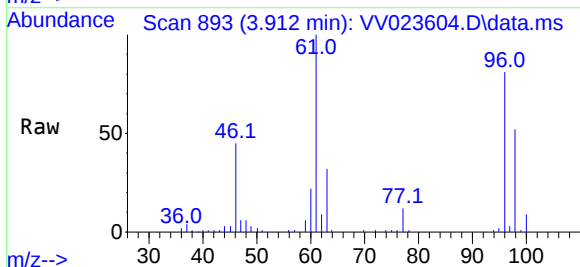
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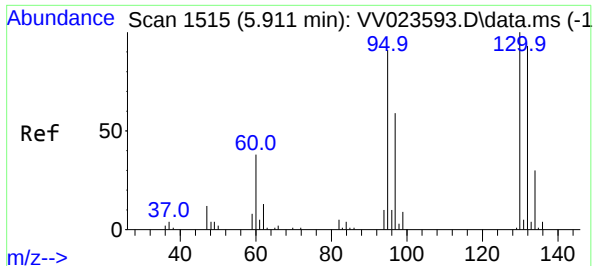
Tgt Ion: 63 Resp: 1321
Ion Ratio Lower Upper
63 100
65 22.0 22.6 42.0#
83 0.0 11.1 20.7#



#22
cis-1,2-Dichloroethene
Concen: 5.869 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

Tgt Ion: 96 Resp: 47756
Ion Ratio Lower Upper
96 100
61 123.3 92.3 171.3
68 0.0 0.4 0.8#

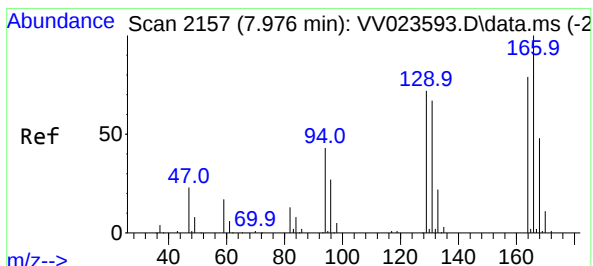
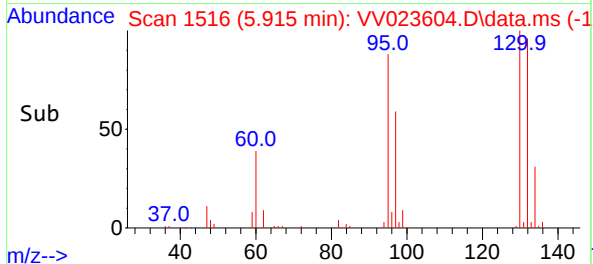
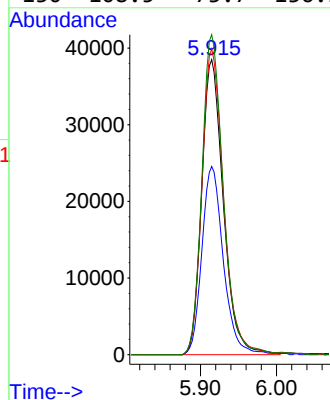
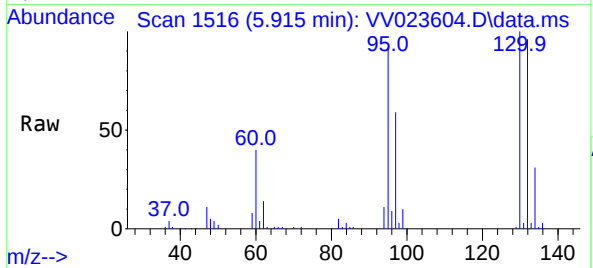




#34
Trichloroethene
Concen: 8.799 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

Instrument :
MSVOA_V
ClientSampleId :
H4648DL

Tgt Ion: 95 Resp: 75843
Ion Ratio Lower Upper
95 100
97 63.8 45.0 83.6
132 103.7 69.7 129.4
130 108.5 73.7 136.9



#47
Tetrachloroethene
Concen: 0.309 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023604.D
Acq: 18 Nov 2021 15:12

Tgt Ion:164 Resp: 2311
Ion Ratio Lower Upper
164 100
129 79.3 64.0 119.0
131 78.7 63.4 117.8
166 106.1 89.3 165.9

