

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029476.D
 Acq On : 08 Dec 2022 16:37
 Operator : SY/MD
 Sample : N5919-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EF0

Quant Time: Dec 09 02:01:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

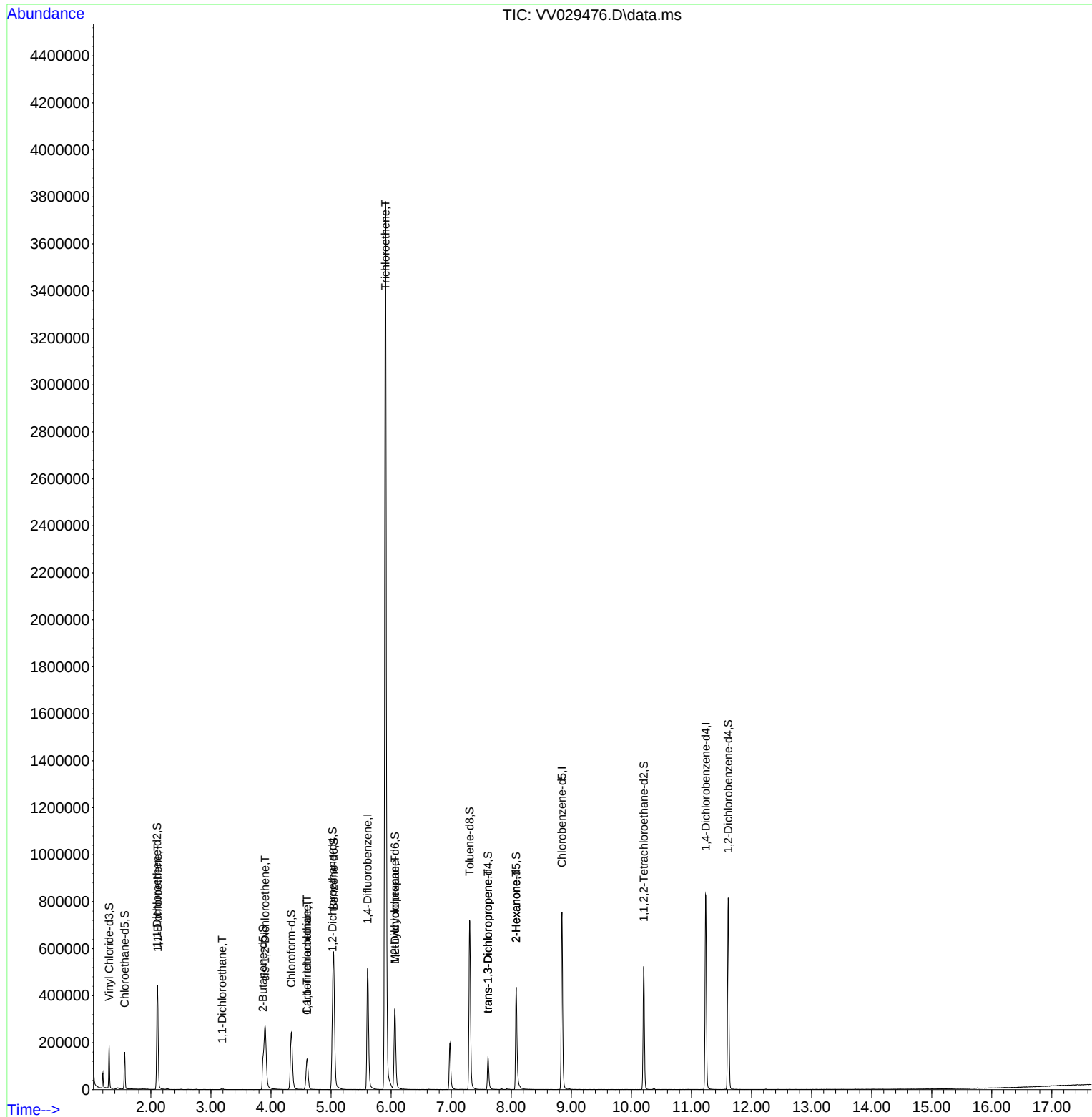
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	480017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	443217	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	229064	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	112350	38.222	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.440%	
7) Chloroethane-d5	1.565	69	101287	45.189	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	90.380%	
11) 1,1-Dichloroethene-d2	2.105	63	187079	40.805	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.620%	
21) 2-Butanone-d5	3.867	46	197131	109.937	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	109.940%	
24) Chloroform-d	4.339	84	267031	48.275	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.560%	
26) 1,2-Dichloroethane-d4	5.024	65	160576	50.828	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.660%	
32) Benzene-d6	5.043	84	559282	47.756	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.520%	
36) 1,2-Dichloropropane-d6	6.063	67	178564	49.916	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.840%	
41) Toluene-d8	7.307	98	508352	46.069	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.140%	
43) trans-1,3-Dichloroprop...	7.613	79	84209	46.618	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.240%	
47) 2-Hexanone-d5	8.082	63	166908	109.264	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	109.260%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	260381	50.936	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.880%	
66) 1,2-Dichlorobenzene-d4	11.612	152	217194	49.809	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.620%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	72748	28.353	ug/L #	72
19) 1,1-Dichloroethane	3.188	63	7012	1.384	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	147954	45.512	ug/L	95
30) 1,1,1-Trichloroethane	4.600	97	109256	22.626	ug/L	100
31) Carbon tetrachloride	4.600	117	14439	3.424	ug/L	96
34) Trichloroethene	5.905	95	1356144	433.195	ug/L	98
35) Methylcyclohexane	6.063	83	41612	7.826	ug/L #	21
44) trans-1,3-Dichloropropene	7.613	75	3317	0.706	ug/L	85
48) 2-Hexanone	8.082	43	16774	6.107	ug/L #	63

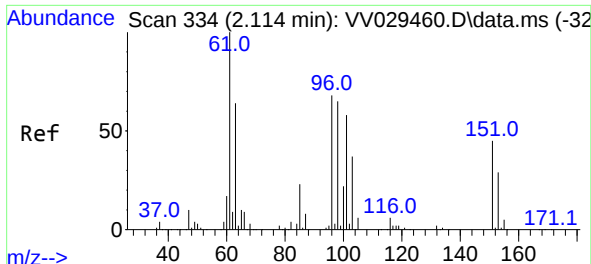
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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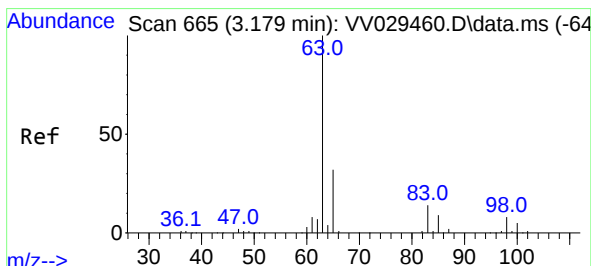
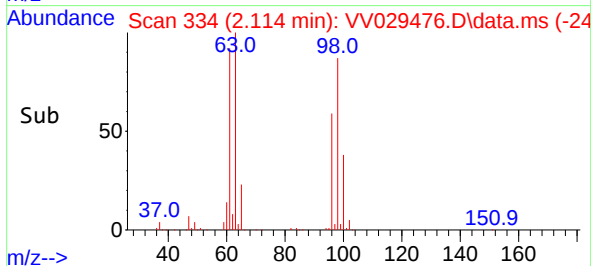
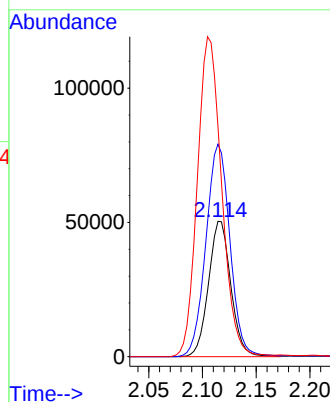
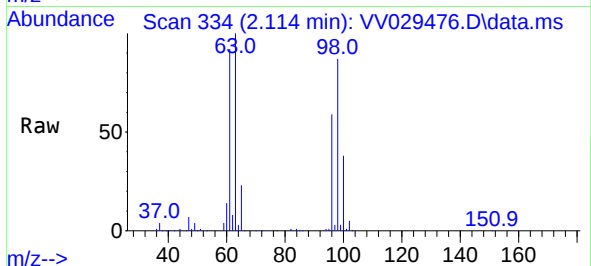




#12
1,1-Dichloroethene
Concen: 28.353 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV029476.D
Acq: 08 Dec 2022 16:37

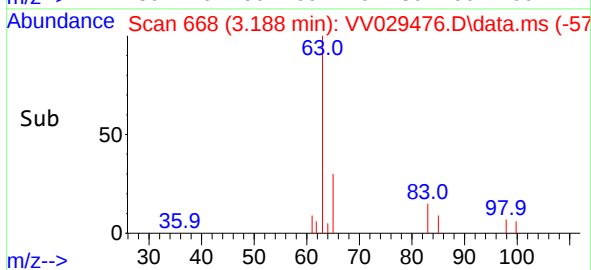
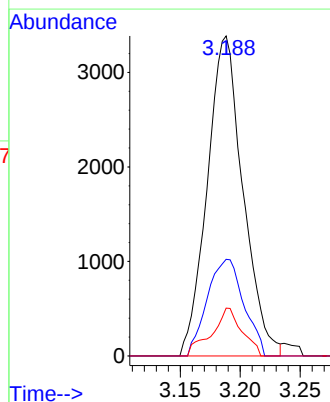
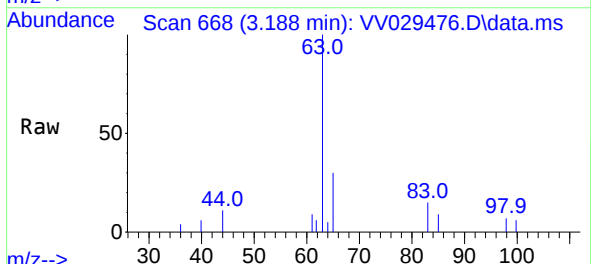
Instrument :
MSVOA_V
ClientSampleId :
C0EF0

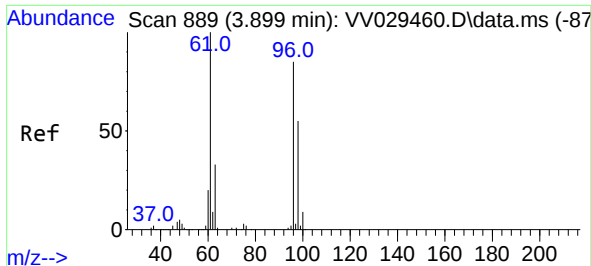
Tgt Ion: 96 Resp: 72748
Ion Ratio Lower Upper
96 100
61 157.0 103.3 191.9
63 170.2 77.3 143.7#



#19
1,1-Dichloroethane
Concen: 1.384 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV029476.D
Acq: 08 Dec 2022 16:37

Tgt Ion: 63 Resp: 7012
Ion Ratio Lower Upper
63 100
65 30.2 22.5 41.7
83 14.9 10.4 19.2

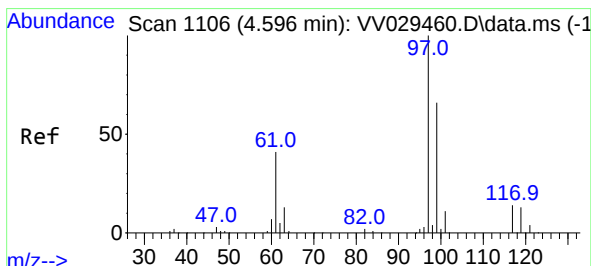
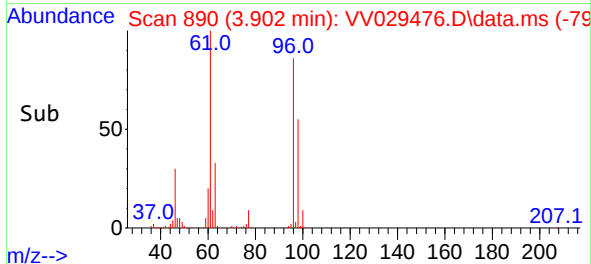
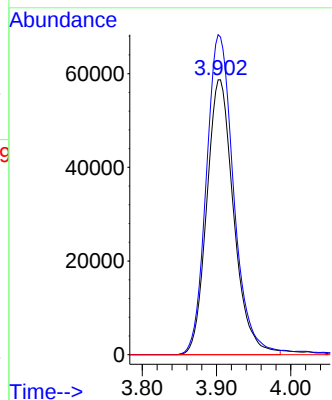
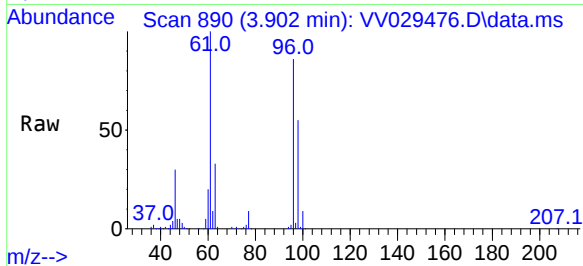




#20
 cis-1,2-Dichloroethene
 Concen: 45.512 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV029476.D
 Acq: 08 Dec 2022 16:37

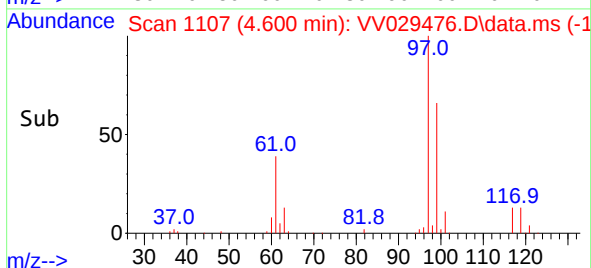
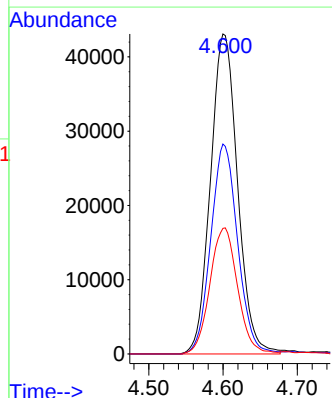
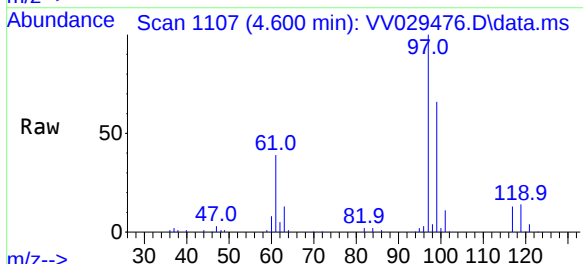
Instrument :
 MSVOA_V
 ClientSampleId :
 C0EF0

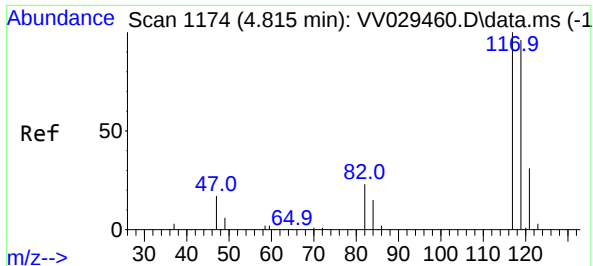
Tgt Ion: 96 Resp: 147954
 Ion Ratio Lower Upper
 96 100
 61 116.4 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 22.626 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.003 min
 Lab File: VV029476.D
 Acq: 08 Dec 2022 16:37

Tgt Ion: 97 Resp: 109256
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.1 78.1
 61 40.3 31.8 47.8

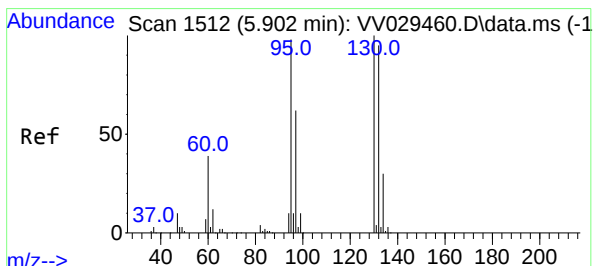
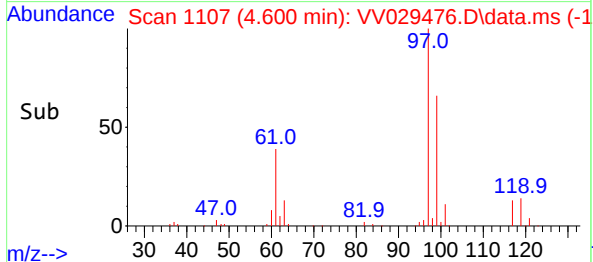
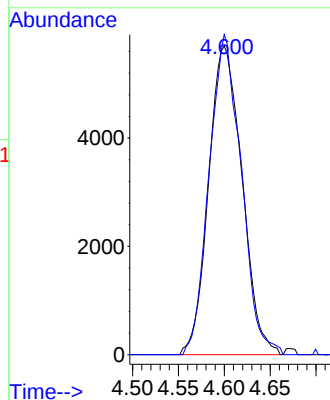
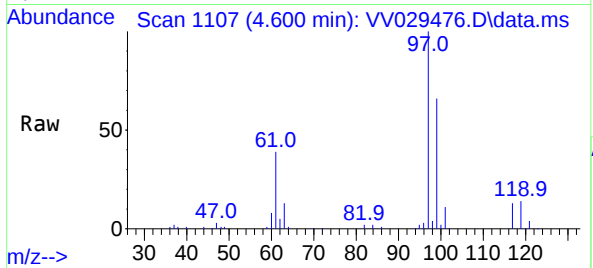




#31
Carbon tetrachloride
Concen: 3.424 ug/L
RT: 4.600 min Scan# 1174
Delta R.T. -0.222 min
Lab File: VV029476.D
Acq: 08 Dec 2022 16:37

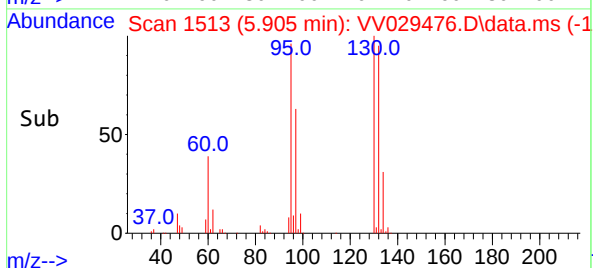
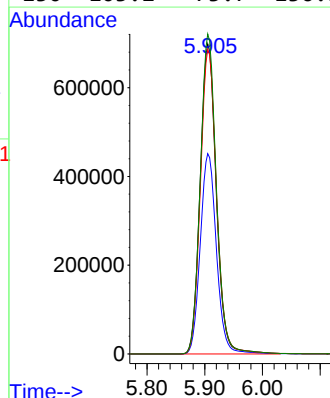
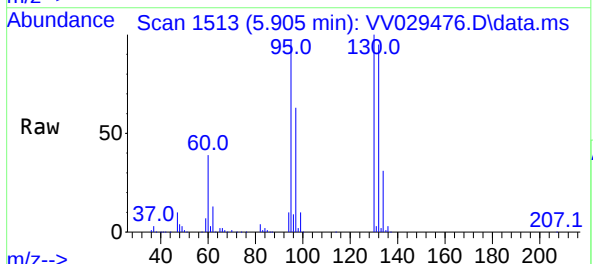
Instrument :
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C0EF0

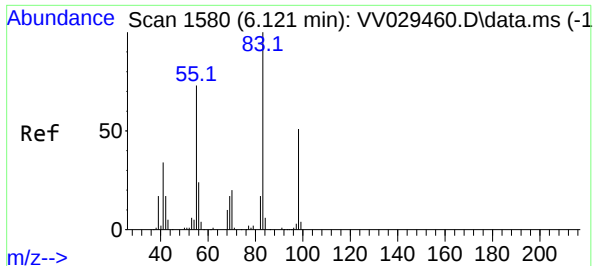
Tgt Ion:117 Resp: 14439
Ion Ratio Lower Upper
117 100
119 99.7 76.7 115.1



#34
Trichloroethene
Concen: 433.195 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV029476.D
Acq: 08 Dec 2022 16:37

Tgt Ion: 95 Resp: 1356144
Ion Ratio Lower Upper
95 100
97 64.6 44.0 81.8
132 98.2 69.9 129.9
130 103.2 73.7 136.9





#35

Methylcyclohexane

Concen: 7.826 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.064 min

Lab File: VV029476.D

Acq: 08 Dec 2022 16:37

Instrument :

MSVOA_V

ClientSampleId :

C0EF0

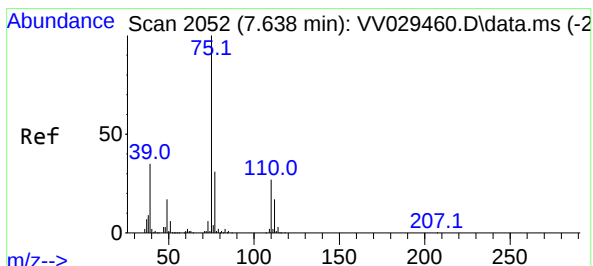
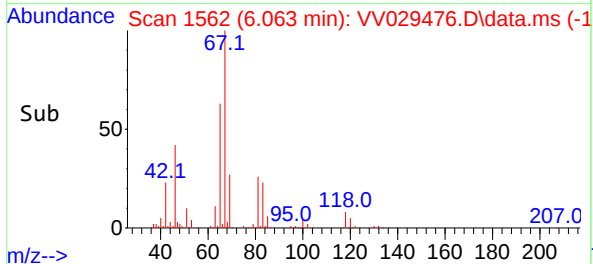
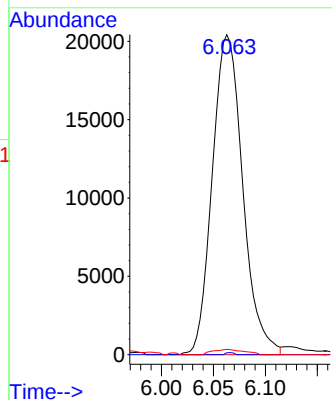
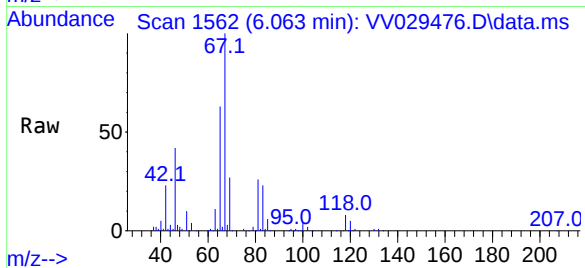
Tgt Ion: 83 Resp: 41612

Ion Ratio Lower Upper

83 100

55 0.2 55.5 83.3#

98 1.7 39.8 59.8#



#44

trans-1,3-Dichloropropene

Concen: 0.706 ug/L

RT: 7.613 min Scan# 2044

Delta R.T. -0.032 min

Lab File: VV029476.D

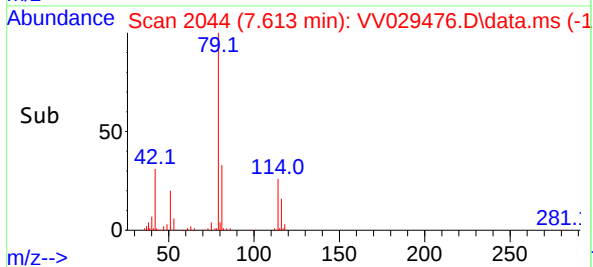
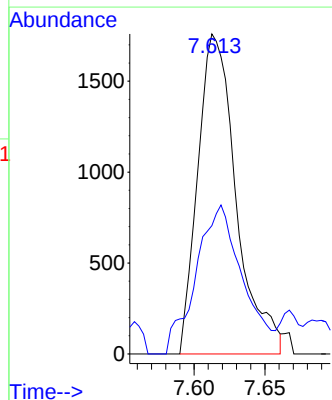
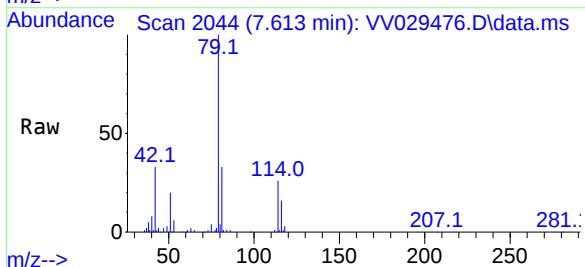
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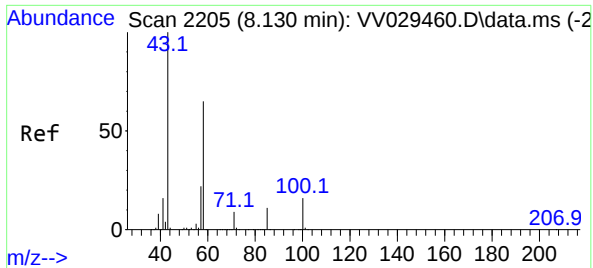
Tgt Ion: 75 Resp: 3317

Ion Ratio Lower Upper

75 100

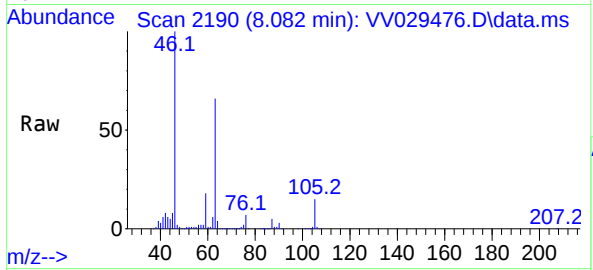
77 40.1 22.3 41.5





#48
 2-Hexanone
 Concen: 6.107 ug/L
 RT: 8.082 min Scan# 21
 Delta R.T. -0.051 min
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Tgt Ion: 43 Resp: 16774

Ion	Ratio	Lower	Upper
43	100		
58	32.3	54.1	81.1#
57	28.0	17.4	26.0#
100	0.4	13.6	20.4#

