

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031022\
 Data File : VW024919.D
 Acq On : 10 Mar 2022 16:32
 Operator : SY/MD
 Sample : N1855-19
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D62

Quant Time: Mar 11 02:49:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 02:45:24 2022
 Response via : Initial Calibration

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

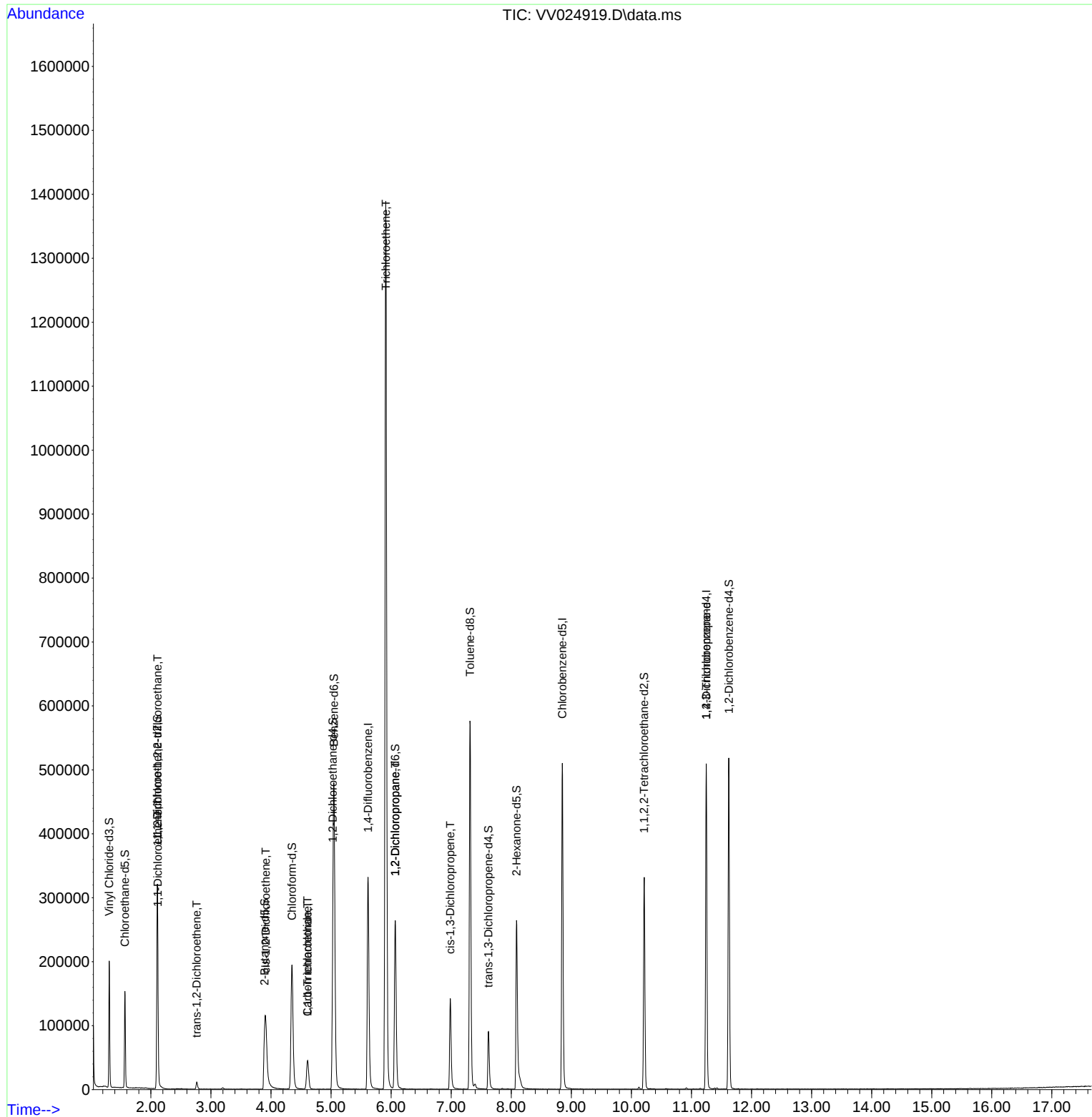
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	293638	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	284290	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	128115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	125586	42.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.120%
7) Chloroethane-d5	1.568	69	96873	41.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.700%
11) 1,1-Dichloroethene-d2	2.108	63	164018	32.729	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.460%
21) 2-Butanone-d5	3.892	46	137298	80.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.800%
24) Chloroform-d	4.349	84	207545	39.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.640%
26) 1,2-Dichloroethane-d4	5.031	65	126052	40.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.980%
32) Benzene-d6	5.050	84	440720	41.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.640%
36) 1,2-Dichloropropane-d6	6.069	67	137735	41.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.900%
41) Toluene-d8	7.314	98	385702	41.317	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.640%
43) trans-1,3-Dichloroprop...	7.619	79	55031	38.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.160%
47) 2-Hexanone-d5	8.088	63	95745	76.833	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.830%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	164181	42.163	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.320%
66) 1,2-Dichlorobenzene-d4	11.622	152	127426	43.178	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.360%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1567	0.702	ug/L #	23
12) 1,1-Dichloroethene	2.118	96	8353	3.843	ug/L #	1
17) trans-1,2-Dichloroethene	2.764	96	4399	1.871	ug/L	92
20) cis-1,2-Dichloroethene	3.912	96	38103	14.975	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	37444	10.002	ug/L	99
31) Carbon tetrachloride	4.609	117	4820	1.514	ug/L #	55
34) Trichloroethene	5.912	95	498661	189.593	ug/L	100
37) 1,2-Dichloropropane	6.069	63	13783	5.725	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	3516	0.970	ug/L #	56
61) 1,2,3-Trichloropropane	11.246	75	16494	6.434	ug/L #	66

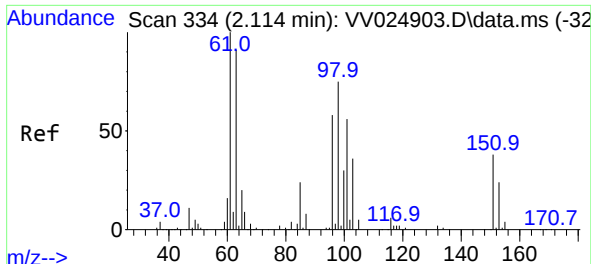
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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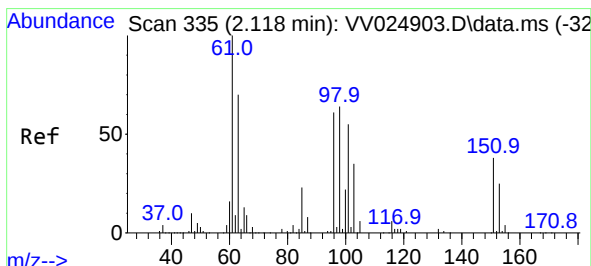
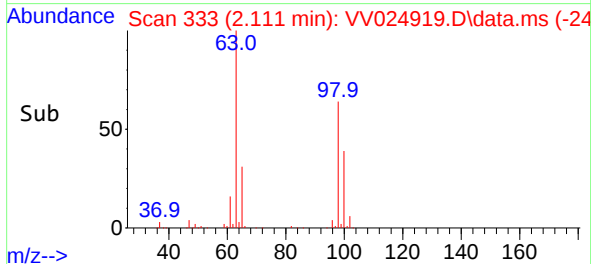
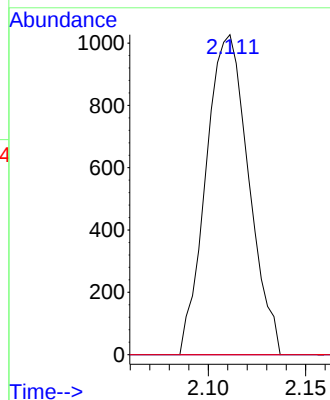
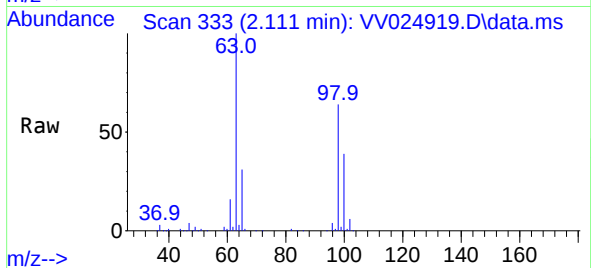




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.702 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV024919.D
Acq: 10 Mar 2022 16:32

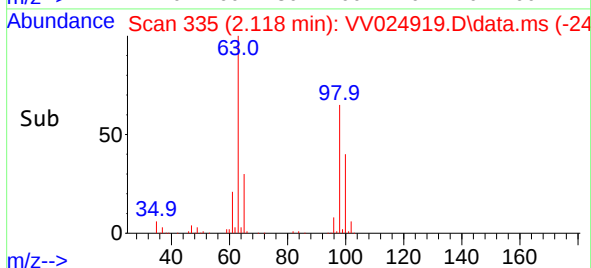
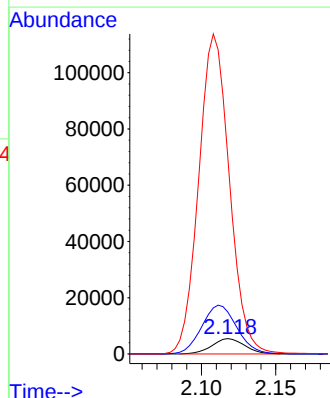
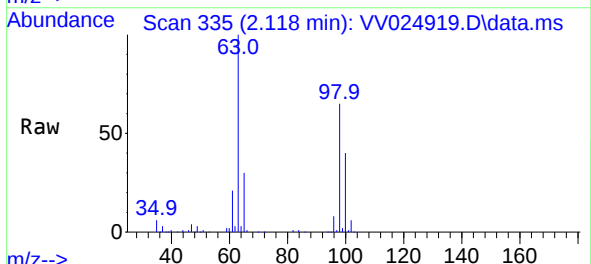
Instrument :
MSVOA_V
ClientSampleId :
C0D62

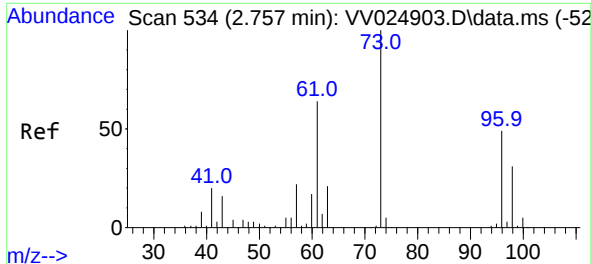
Tgt Ion:101 Resp: 1567
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.8#
151 0.0 54.1 81.1#



#12
1,1-Dichloroethene
Concen: 3.843 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024919.D
Acq: 10 Mar 2022 16:32

Tgt Ion: 96 Resp: 8353
Ion Ratio Lower Upper
96 100
61 273.4 117.6 218.4#
63 1287.0 105.3 195.5#

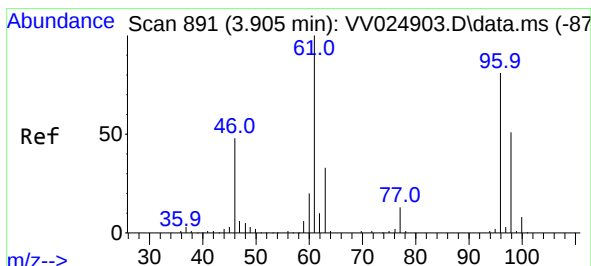
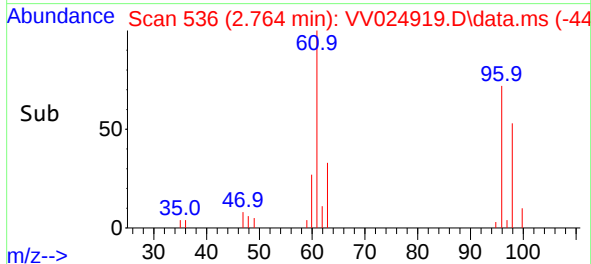
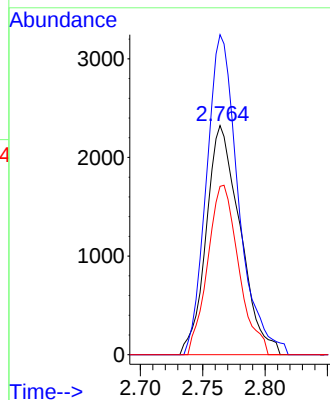
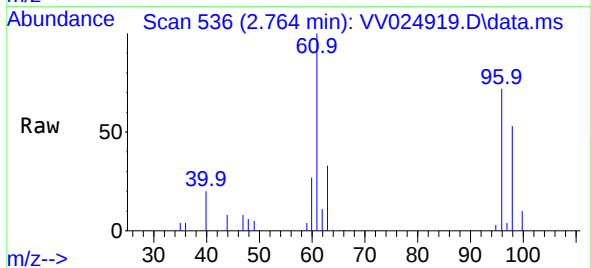




#17
trans-1,2-Dichloroethene
Concen: 1.871 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV024919.D
Acq: 10 Mar 2022 16:32

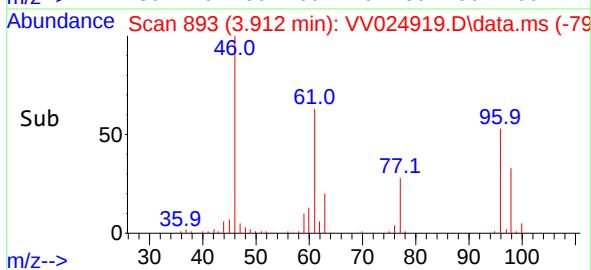
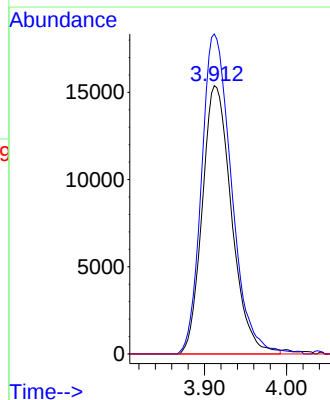
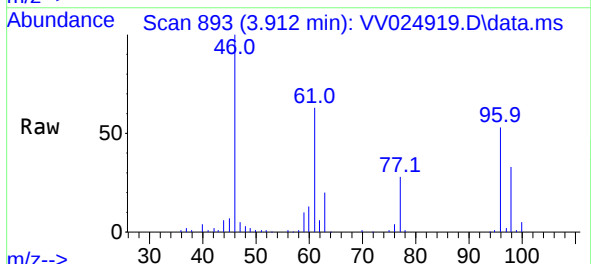
Instrument :
MSVOA_V
ClientSampleId :
C0D62

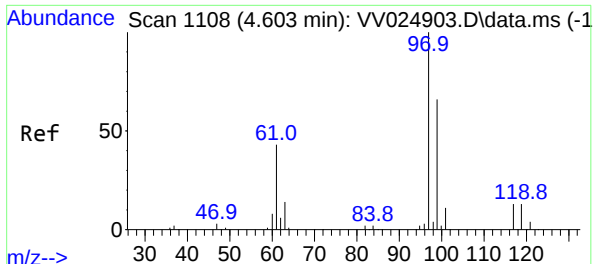
Tgt Ion: 96 Resp: 4399
Ion Ratio Lower Upper
96 100
61 139.7 93.7 173.9
98 73.5 43.7 81.1



#20
cis-1,2-Dichloroethene
Concen: 14.975 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV024919.D
Acq: 10 Mar 2022 16:32

Tgt Ion: 96 Resp: 38103
Ion Ratio Lower Upper
96 100
61 119.2 86.1 159.9
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 10.002 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV024919.D

Acq: 10 Mar 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

C0D62

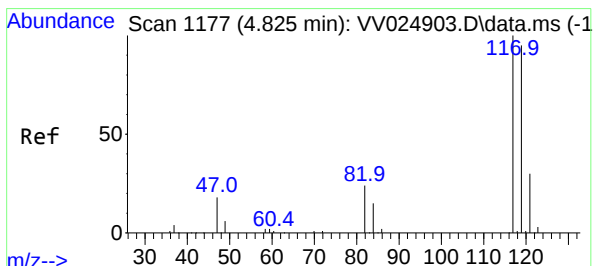
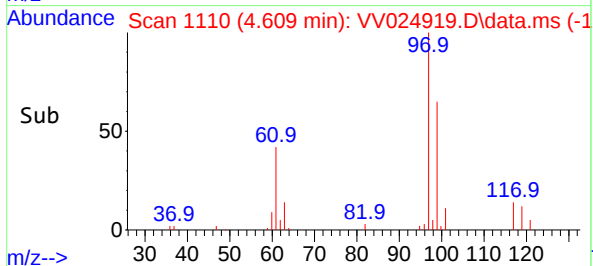
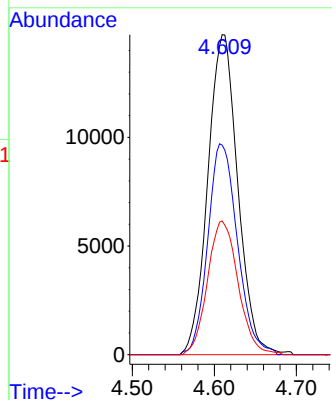
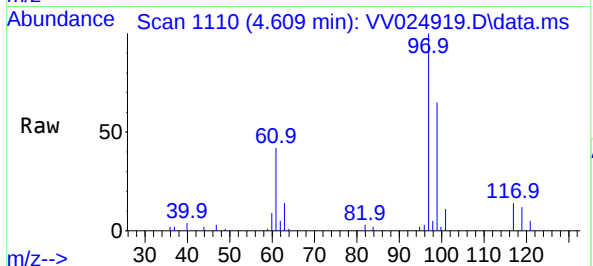
Tgt Ion: 97 Resp: 37444

Ion Ratio Lower Upper

97 100

99 65.3 51.5 77.3

61 42.7 33.8 50.8



#31

Carbon tetrachloride

Concen: 1.514 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.215 min

Lab File: VV024919.D

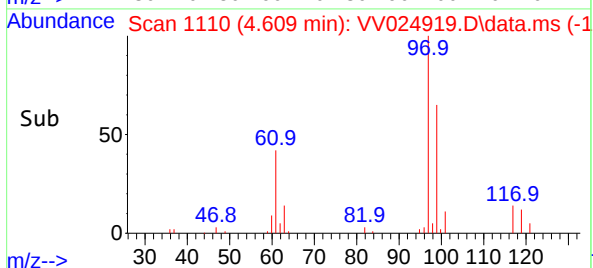
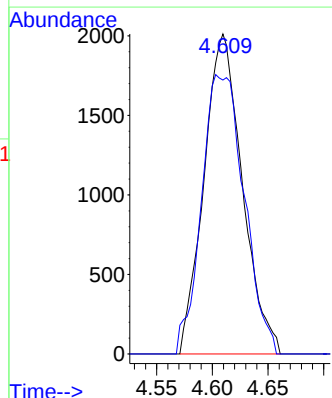
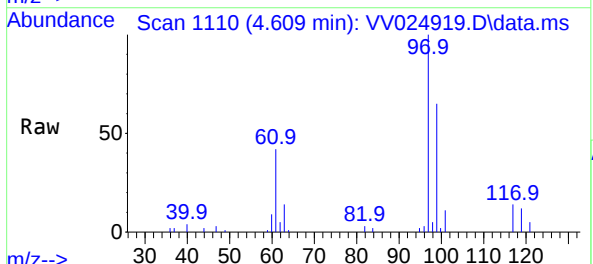
Acq: 10 Mar 2022 16:32

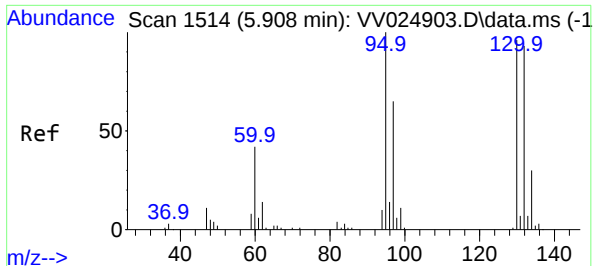
Tgt Ion: 117 Resp: 4820

Ion Ratio Lower Upper

117 100

119 50.8 75.8 113.8#

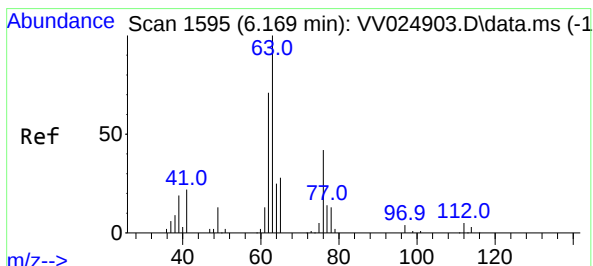
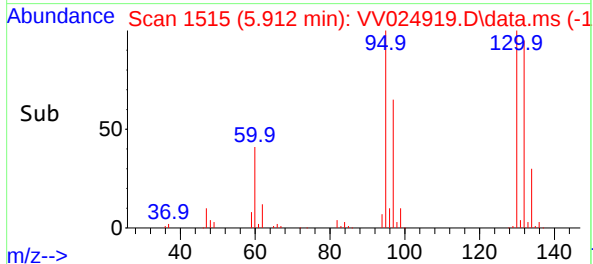
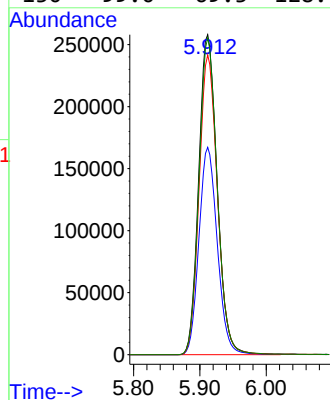
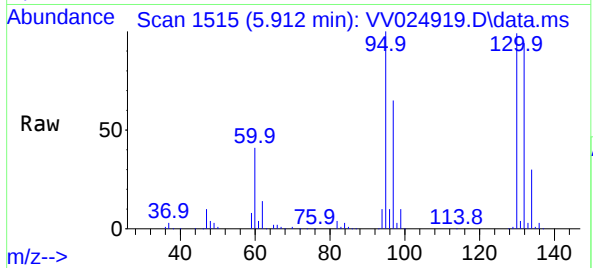




#34
Trichloroethene
Concen: 189.593 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024919.D
Acq: 10 Mar 2022 16:32

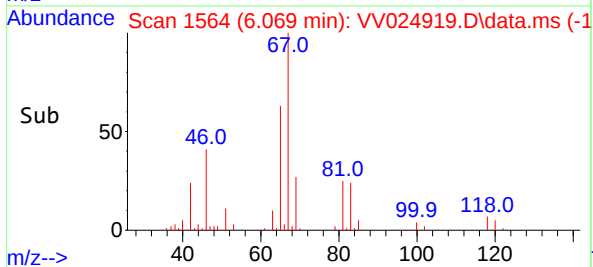
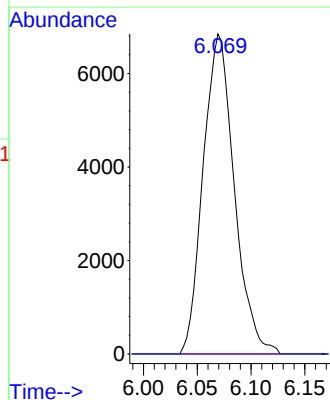
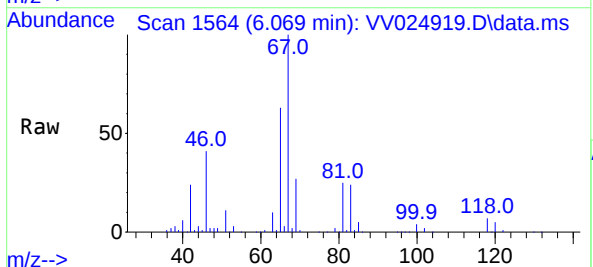
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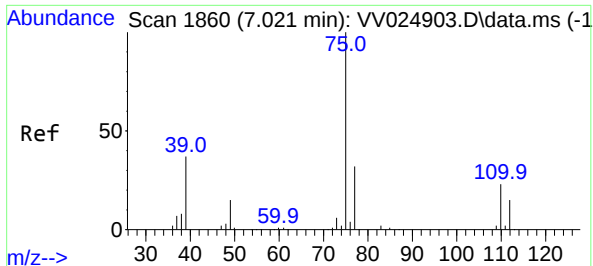
Tgt Ion: 95 Resp: 498661
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 93.6 65.0 120.6
130 99.0 69.3 128.7



#37
1,2-Dichloropropane
Concen: 5.725 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV024919.D
Acq: 10 Mar 2022 16:32

Tgt Ion: 63 Resp: 13783
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.970 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024919.D

Acq: 10 Mar 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

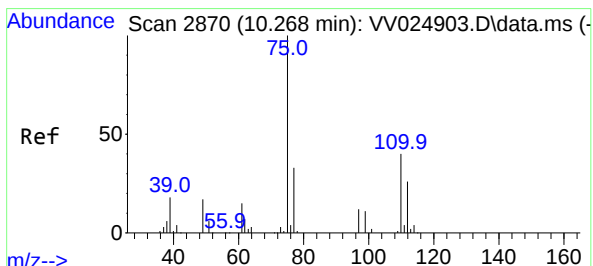
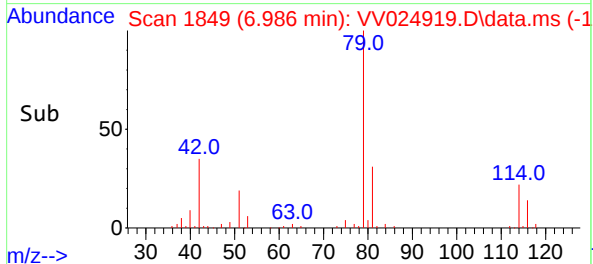
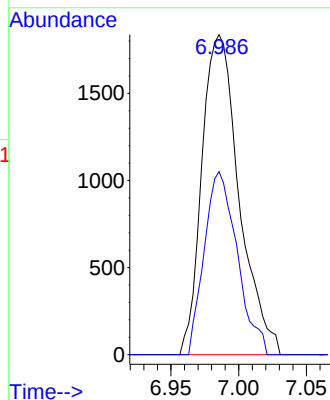
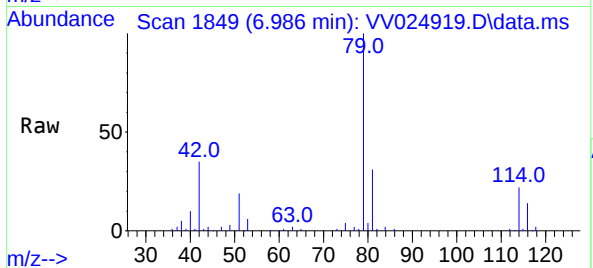
C0D62

Tgt Ion: 75 Resp: 3516

Ion Ratio Lower Upper

75 100

77 57.2 22.9 42.5#



#61

1,2,3-Trichloropropane

Concen: 6.434 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.978 min

Lab File: VV024919.D

Acq: 10 Mar 2022 16:32

Tgt Ion: 75 Resp: 16494

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

110 2.5 31.4 47.2#

