

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023500.D
 Acq On : 15 Nov 2021 22:20
 Operator : SY/MD
 Sample : M4617-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG208

Quant Time: Nov 16 05:16:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

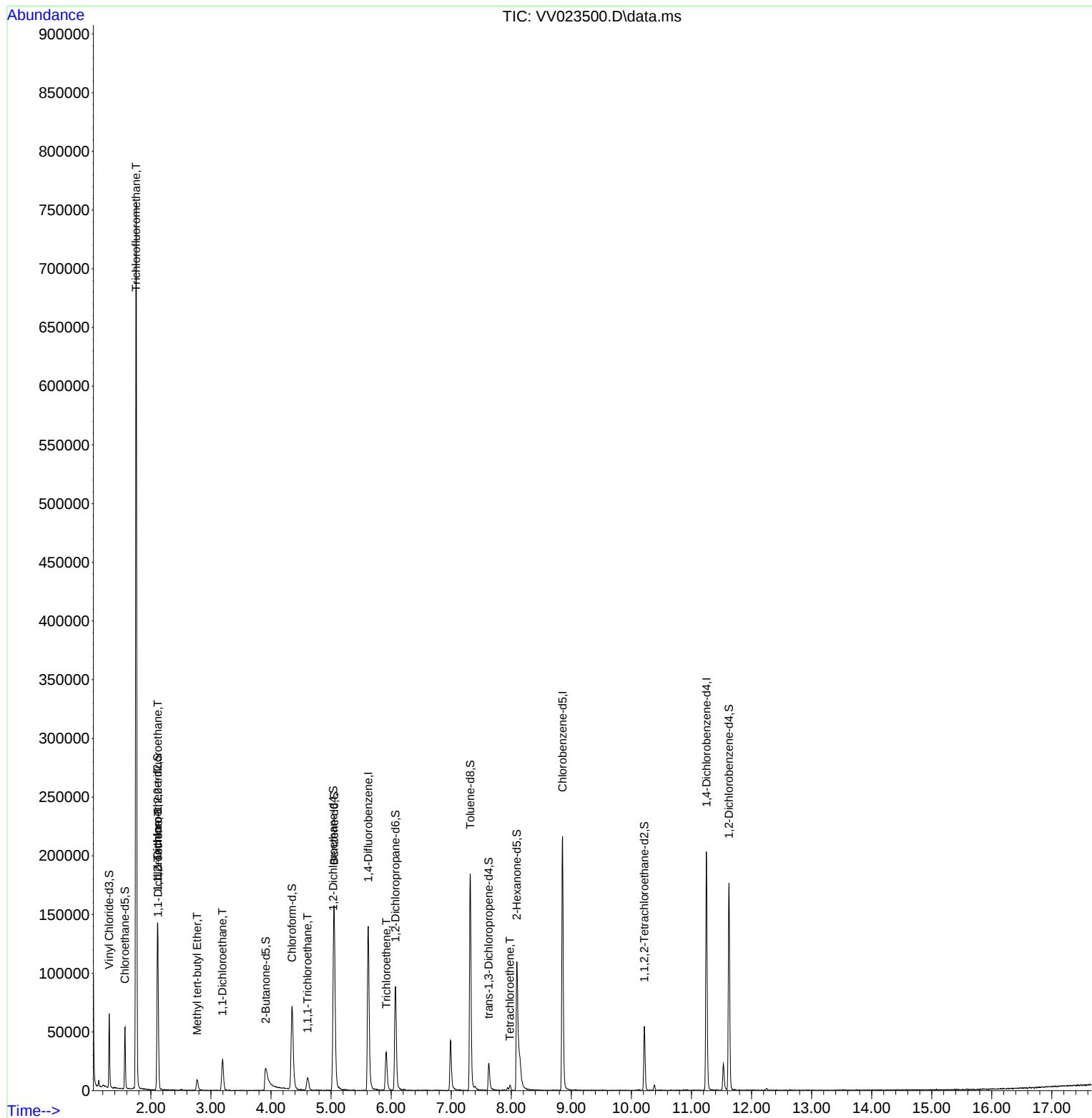
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125801	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39328	4.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.568	69	32076	4.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.111	63	59986	4.066	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.912	46	50236	37.000	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.000%
24) Chloroform-d	4.352	84	74496	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.037	65	35095	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.053	84	142901	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.072	67	42697	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.317	98	123398	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.625	79	15046	4.183	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.091	63	43503	32.871	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25806	3.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	47910	5.251	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
9) Trichlorofluoromethane	1.754	101	438561	28.022	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	6579	0.835	ug/L	95
12) 1,1-Dichloroethene	2.121	96	12136	1.618	ug/L #	39
17) Methyl tert-butyl Ether	2.770	73	8841	0.535	ug/L	96
19) 1,1-Dichloroethane	3.191	63	26248	1.686	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	9046	0.593	ug/L	97
34) Trichloroethene	5.921	95	11022	1.181	ug/L	94
47) Tetrachloroethene	7.979	164	1093	0.135	ug/L	87

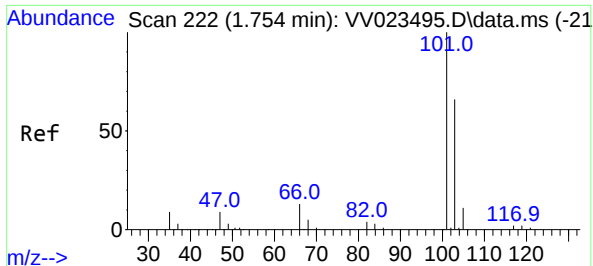
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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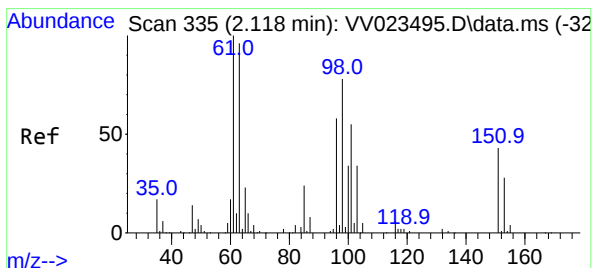
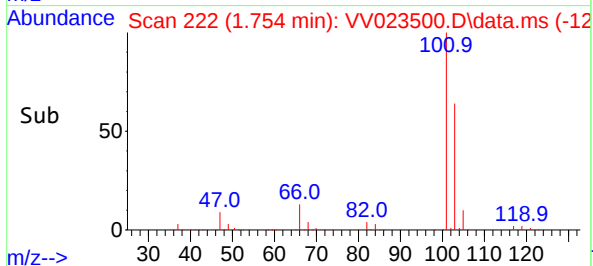
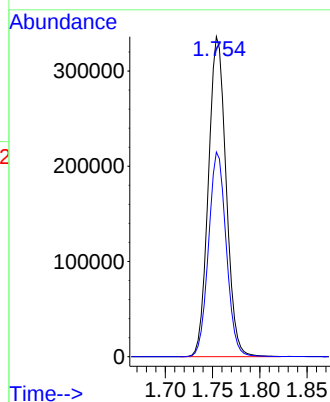
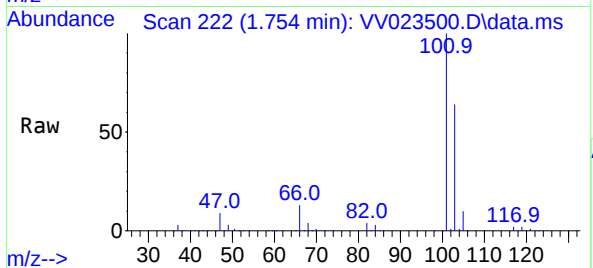




#9
Trichlorofluoromethane
Concen: 28.022 ug/L
RT: 1.754 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

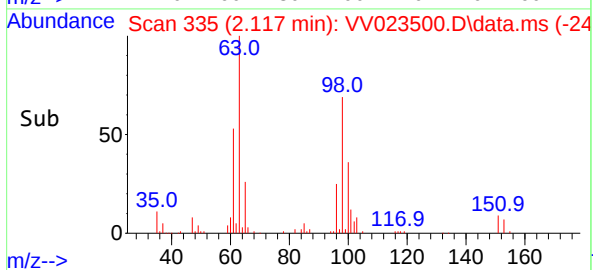
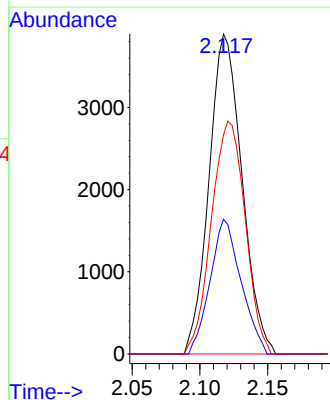
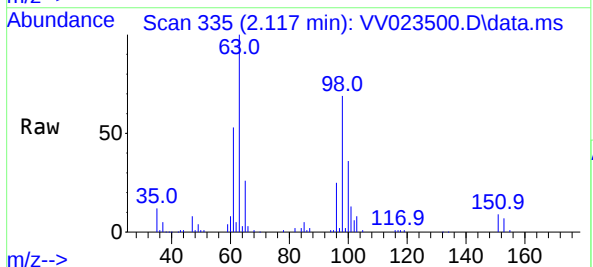
Instrument :
MSVOA_V
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BG208

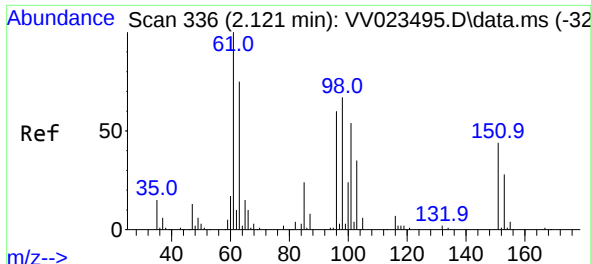
Tgt Ion:101 Resp: 438561
Ion Ratio Lower Upper
101 100
103 63.8 52.6 79.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.835 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

Tgt Ion:101 Resp: 6579
Ion Ratio Lower Upper
101 100
85 39.5 35.3 52.9
151 74.6 62.2 93.2

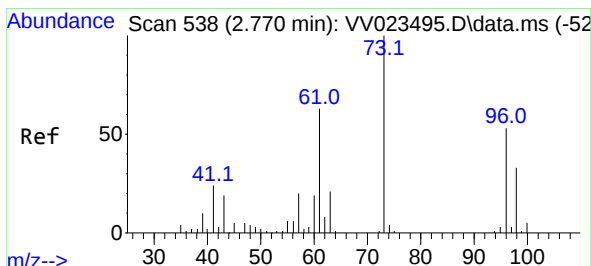
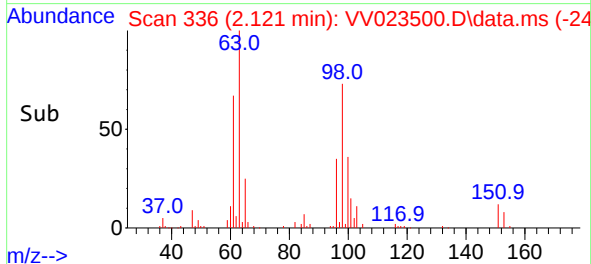
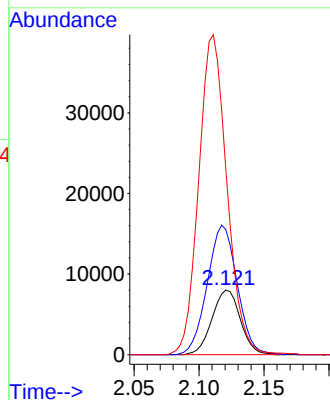
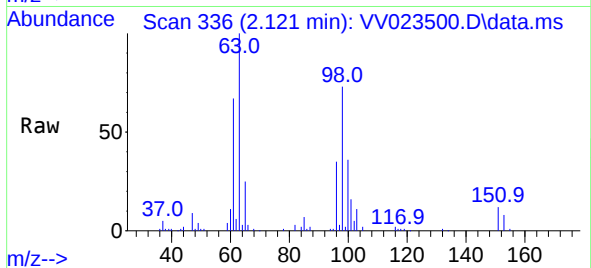




#12
1,1-Dichloroethene
Concen: 1.618 ug/L
RT: 2.121 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

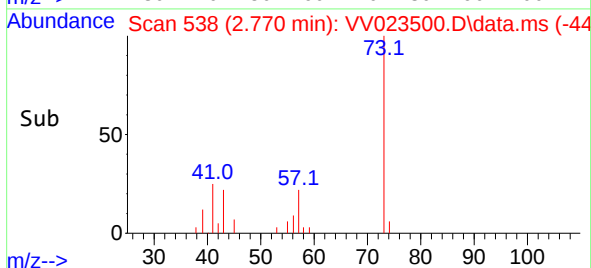
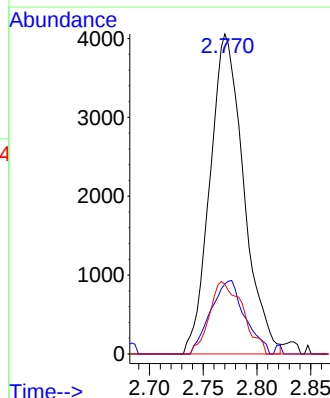
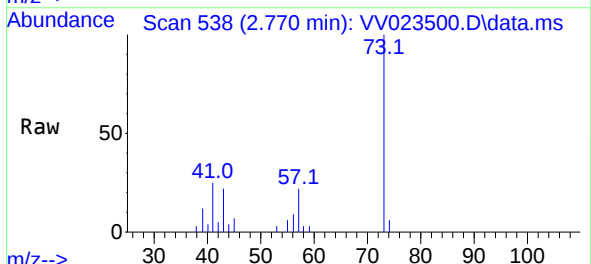
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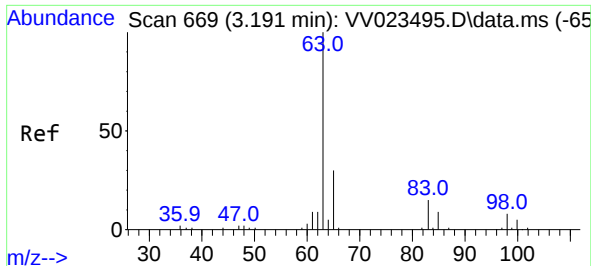
Tgt Ion: 96 Resp: 12136
Ion Ratio Lower Upper
96 100
61 193.8 121.5 225.7
63 287.7 99.6 185.0#



#17
Methyl tert-butyl Ether
Concen: 0.535 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

Tgt Ion: 73 Resp: 8841
Ion Ratio Lower Upper
73 100
43 23.3 17.4 26.0
57 22.4 16.5 24.7

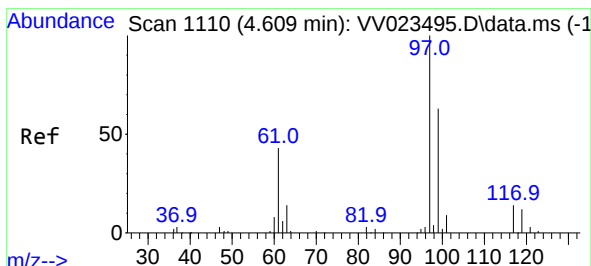
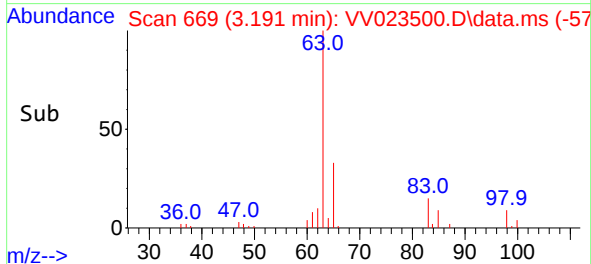
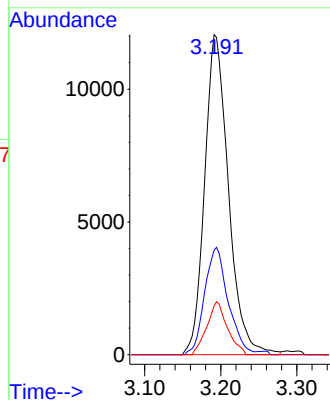
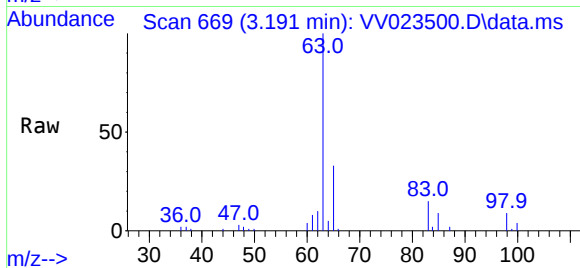




#19
1,1-Dichloroethane
Concen: 1.686 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

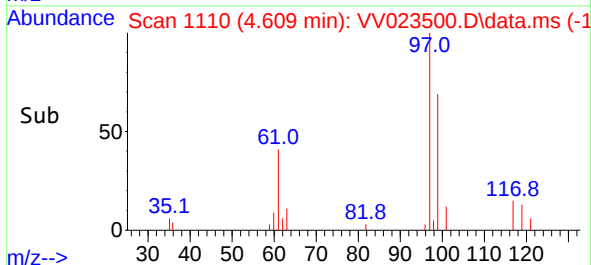
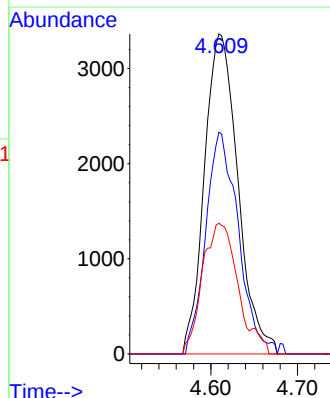
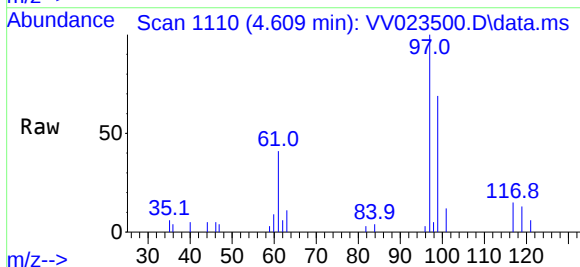
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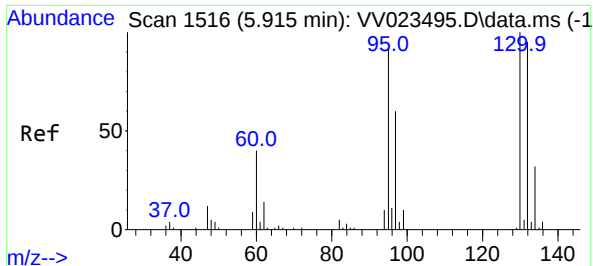
Tgt Ion:	63	Resp:	26248
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.6	42.0
83	15.3	11.1	20.7



#29
1,1,1-Trichloroethane
Concen: 0.593 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

Tgt Ion:	97	Resp:	9046
Ion	Ratio	Lower	Upper
97	100		
99	67.4	51.0	76.4
61	43.3	34.1	51.1



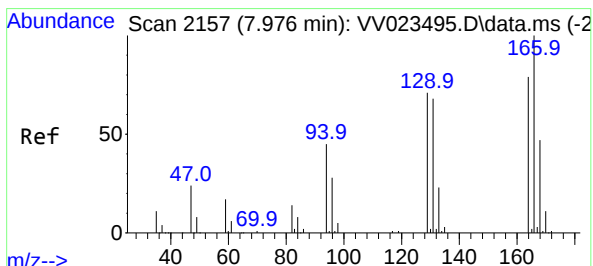
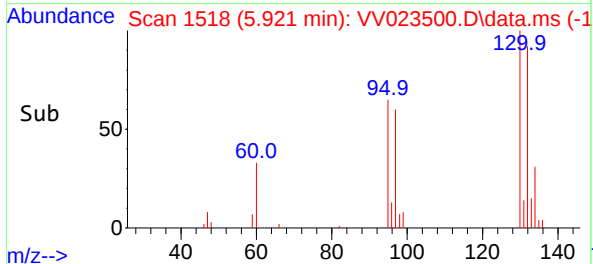
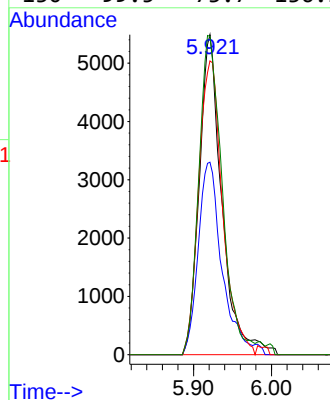
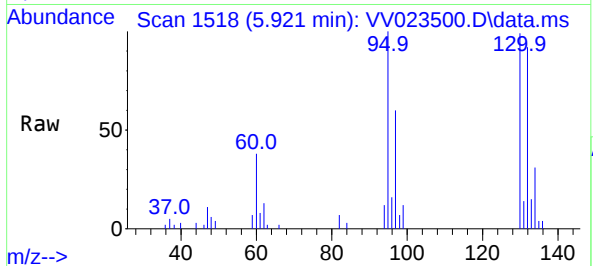


#34
Trichloroethene
Concen: 1.181 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 95 Resp: 11022

Ion	Ratio	Lower	Upper
95	100		
97	60.1	45.0	83.6
132	91.8	69.7	129.4
130	99.5	73.7	136.9



#47
Tetrachloroethene
Concen: 0.135 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023500.D
Acq: 15 Nov 2021 22:20

Tgt Ion: 164 Resp: 1093

Ion	Ratio	Lower	Upper
164	100		
129	87.3	64.0	119.0
131	78.4	63.4	117.8
166	149.0	89.3	165.9

