

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023532.D
 Acq On : 16 Nov 2021 14:24
 Operator : SY/MD
 Sample : M4617-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG220

Quant Time: Nov 17 00:52:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

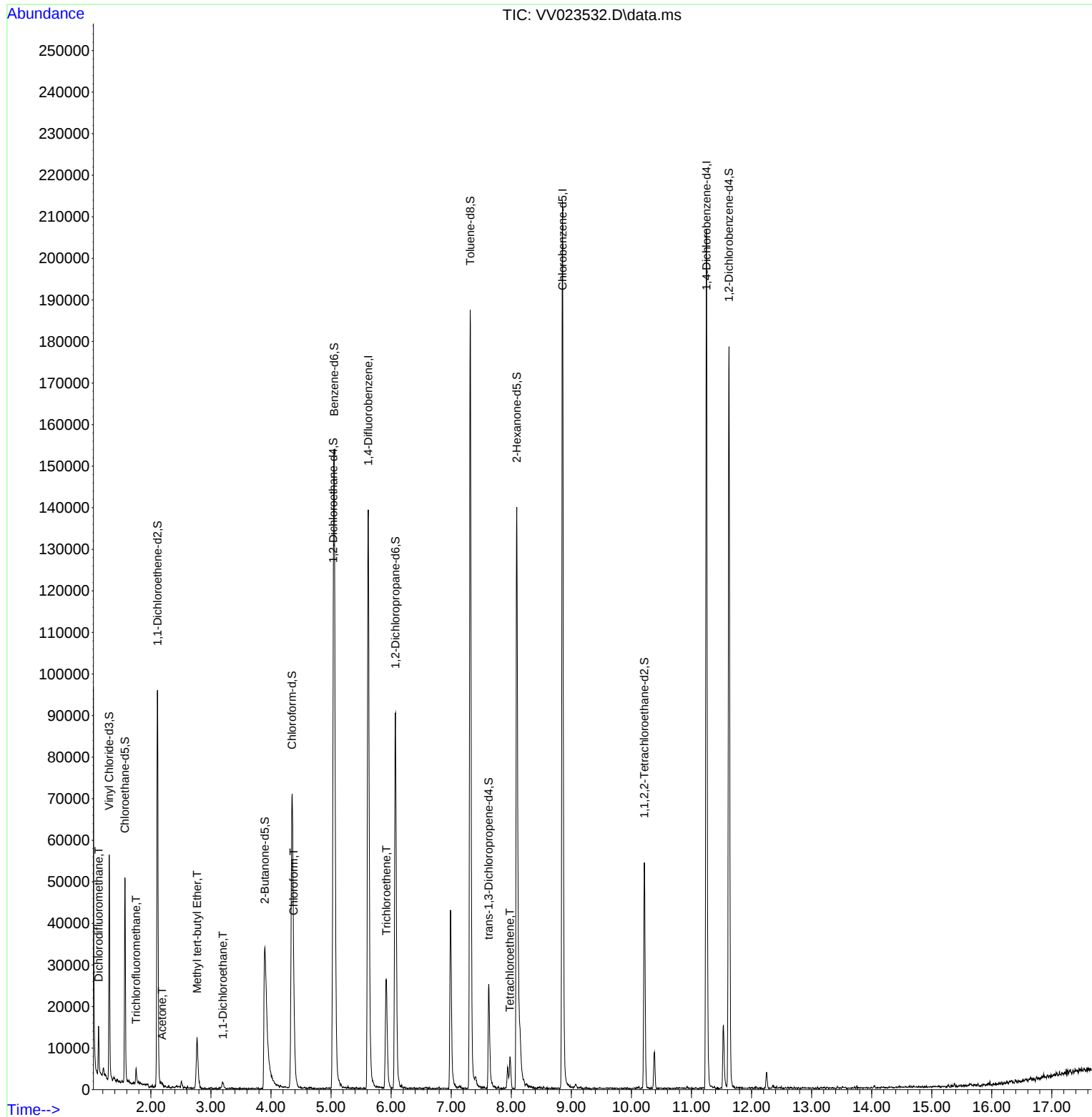
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122790	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34240	4.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.568	69	29227	4.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.111	63	50443	3.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.896	46	70059	52.865	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.720%
24) Chloroform-d	4.352	84	72327	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.037	65	35765	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.053	84	141236	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.072	67	42306	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.317	98	123382	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.625	79	15151	4.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.091	63	46637	36.483	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25208	3.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	48198	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
2) Dichlorodifluoromethane	1.130	85	5884	0.491	ug/L	97
9) Trichlorofluoromethane	1.754	101	1864	0.122	ug/L	95
13) Acetone	2.185	43	1691	2.088	ug/L	85
17) Methyl tert-butyl Ether	2.770	73	11280	0.700	ug/L	94
19) 1,1-Dichloroethane	3.198	63	2217	0.146	ug/L #	80
25) Chloroform	4.378	83	10601	0.654	ug/L	99
34) Trichloroethene	5.921	95	8578	0.951	ug/L	97
47) Tetrachloroethene	7.979	164	1800	0.230	ug/L	79

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

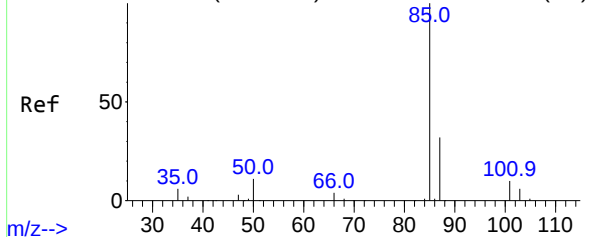
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
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Abundance Scan 27 (1.127 min): VV023522.D\data.ms (-20)

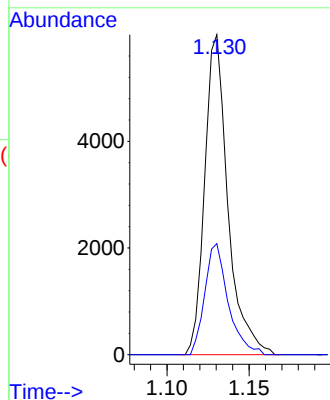
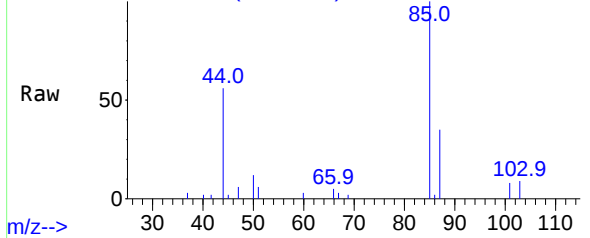


#2
Dichlorodifluoromethane
Concen: 0.491 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023532.D
Acq: 16 Nov 2021 14:24

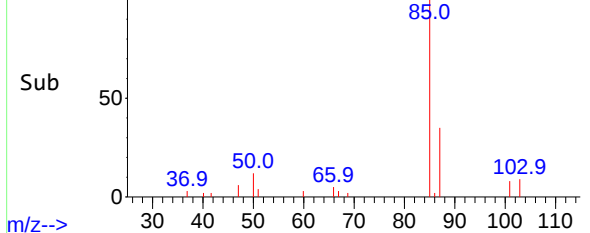
Instrument :
MSVOA_V
ClientSampleId :
BG220

Tgt Ion: 85 Resp: 5884
Ion Ratio Lower Upper
85 100
87 35.1 26.6 39.8

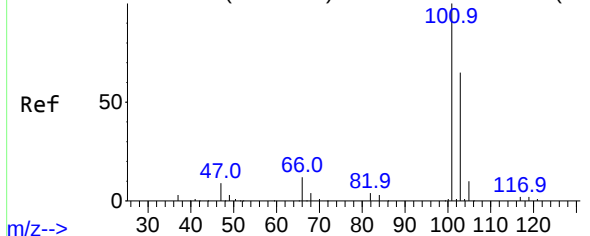
Abundance Scan 28 (1.130 min): VV023532.D\data.ms



Abundance Scan 28 (1.130 min): VV023532.D\data.ms (-1)



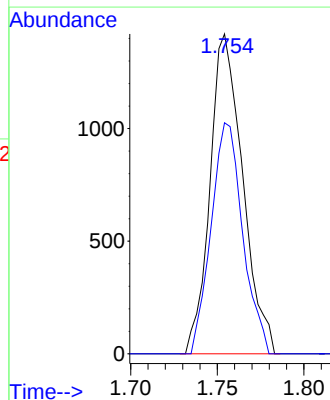
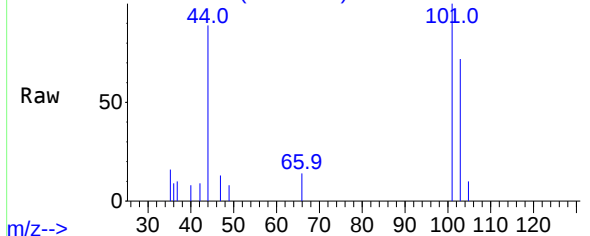
Abundance Scan 222 (1.754 min): VV023522.D\data.ms (-21)



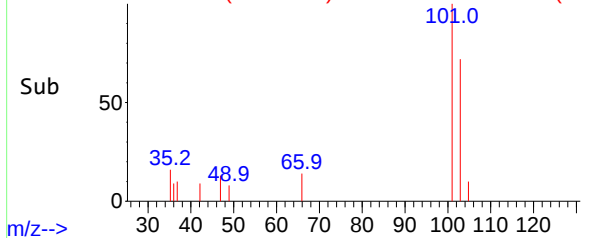
#9
Trichlorofluoromethane
Concen: 0.122 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023532.D
Acq: 16 Nov 2021 14:24

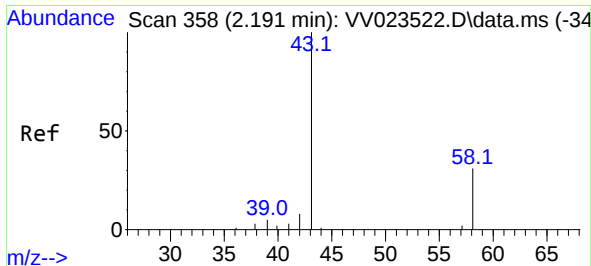
Tgt Ion:101 Resp: 1864
Ion Ratio Lower Upper
101 100
103 69.8 52.6 79.0

Abundance Scan 222 (1.754 min): VV023532.D\data.ms



Abundance Scan 222 (1.754 min): VV023532.D\data.ms (-12)





#13

Acetone

Concen: 2.088 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV023532.D

Acq: 16 Nov 2021 14:24

Instrument :

MSVOA_V

ClientSampleId :

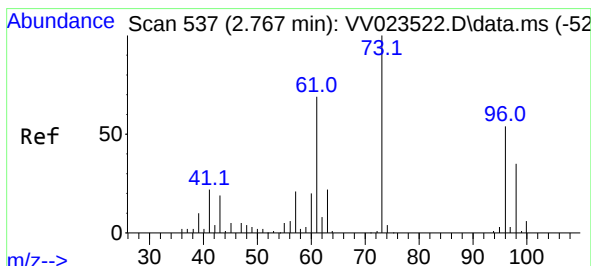
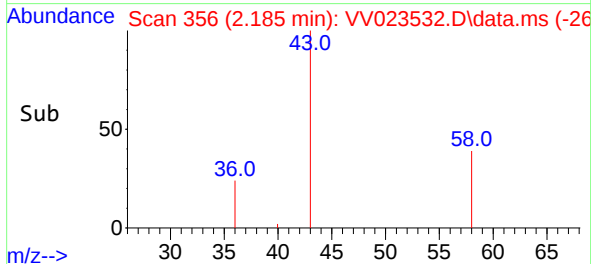
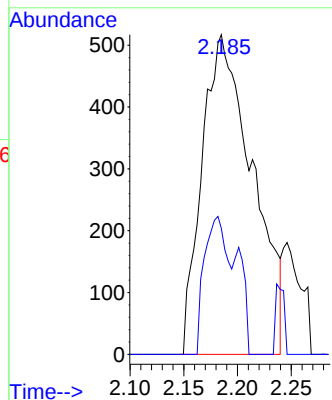
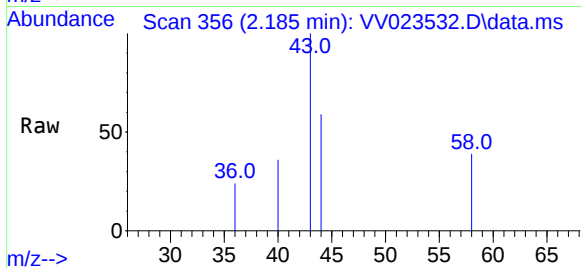
BG220

Tgt Ion: 43 Resp: 1691

Ion Ratio Lower Upper

43 100

58 20.0 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 0.700 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV023532.D

Acq: 16 Nov 2021 14:24

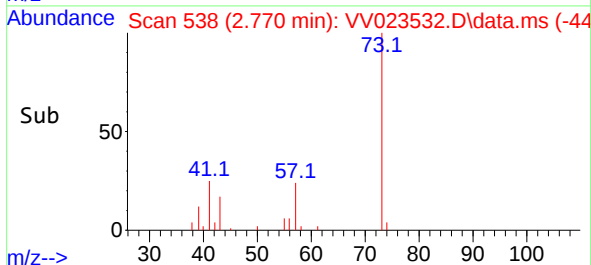
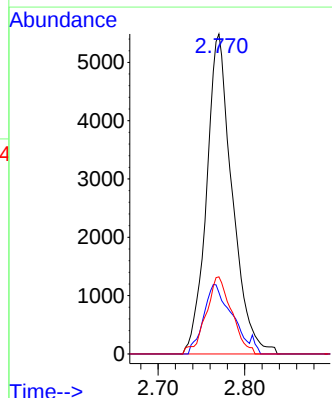
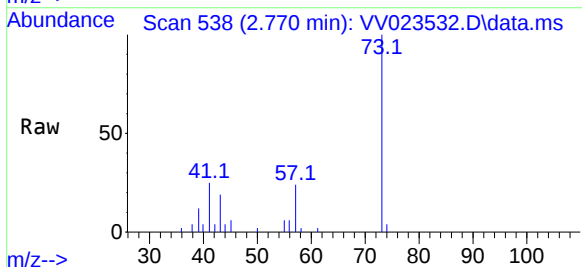
Tgt Ion: 73 Resp: 11280

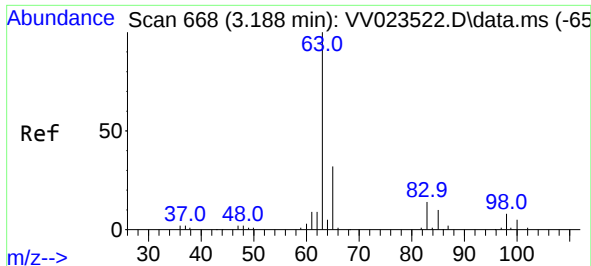
Ion Ratio Lower Upper

73 100

43 23.6 17.4 26.0

57 24.1 16.5 24.7

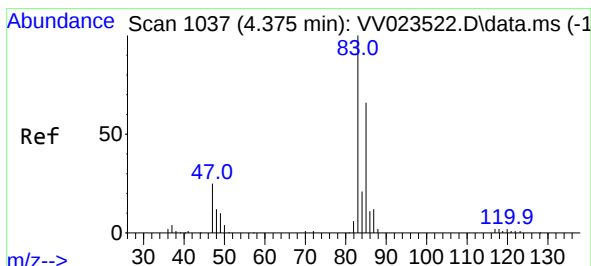
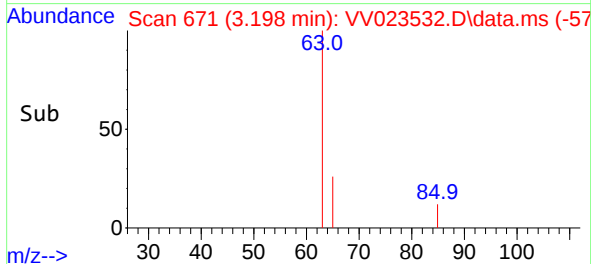
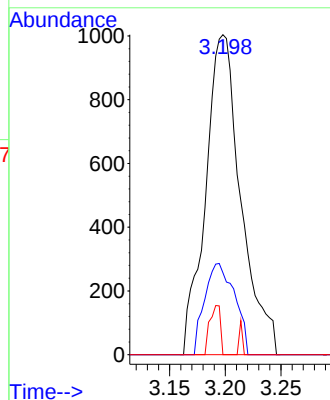
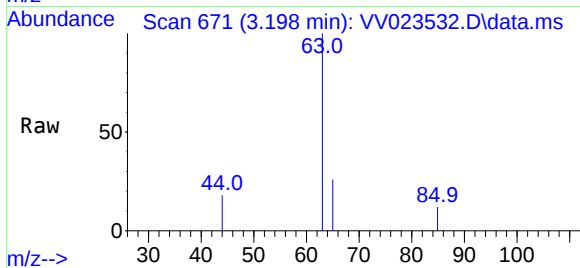




#19
1,1-Dichloroethane
Concen: 0.146 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV023532.D
Acq: 16 Nov 2021 14:24

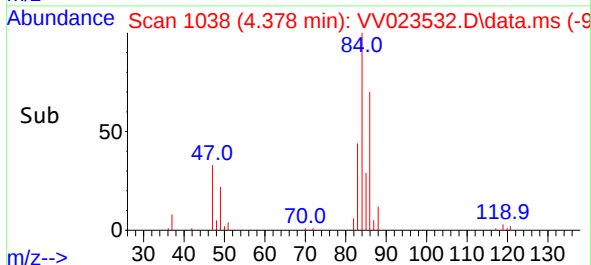
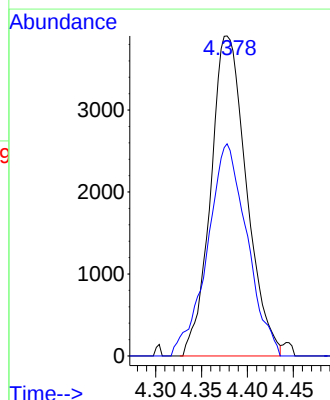
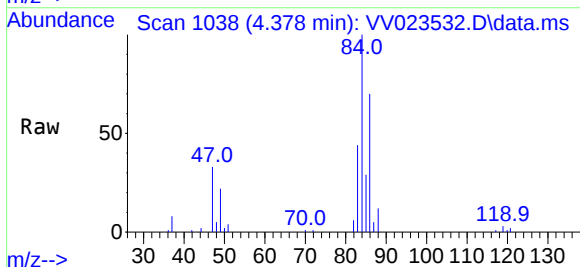
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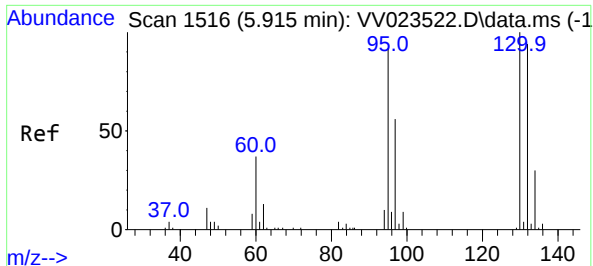
Tgt Ion: 63 Resp: 2217
Ion Ratio Lower Upper
63 100
65 25.6 22.6 42.0
83 0.0 11.1 20.7#



#25
Chloroform
Concen: 0.654 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023532.D
Acq: 16 Nov 2021 14:24

Tgt Ion: 83 Resp: 10601
Ion Ratio Lower Upper
83 100
85 66.3 46.8 86.8



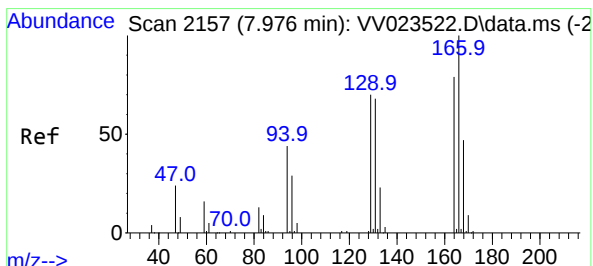
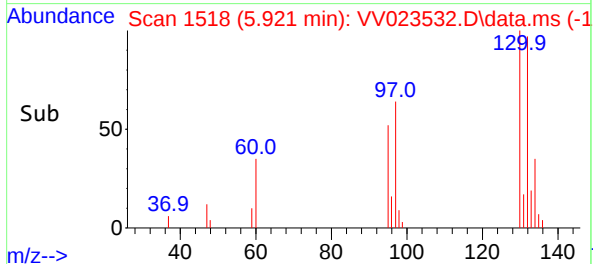
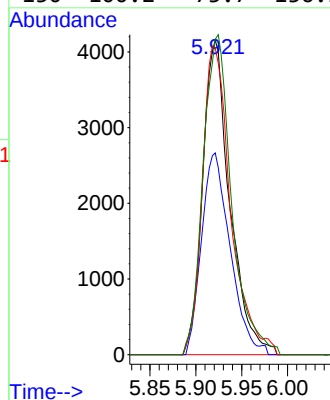
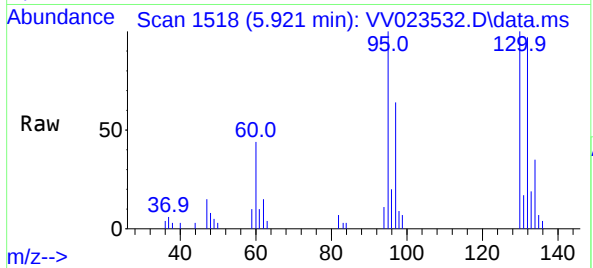


#34
Trichloroethene
Concen: 0.951 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023532.D
Acq: 16 Nov 2021 14:24

Instrument :
MSVOA_V
ClientSampleId :
BG220

Tgt Ion: 95 Resp: 8578

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.0	83.6
132	97.5	69.7	129.4
130	100.2	73.7	136.9



#47
Tetrachloroethene
Concen: 0.230 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023532.D
Acq: 16 Nov 2021 14:24

Tgt Ion: 164 Resp: 1800

Ion	Ratio	Lower	Upper
164	100		
129	71.7	64.0	119.0
131	71.9	63.4	117.8
166	101.3	89.3	165.9

