

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023569.D
 Acq On : 17 Nov 2021 15:00
 Operator : SY/MD
 Sample : M4616-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG203

Quant Time: Nov 18 00:21:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

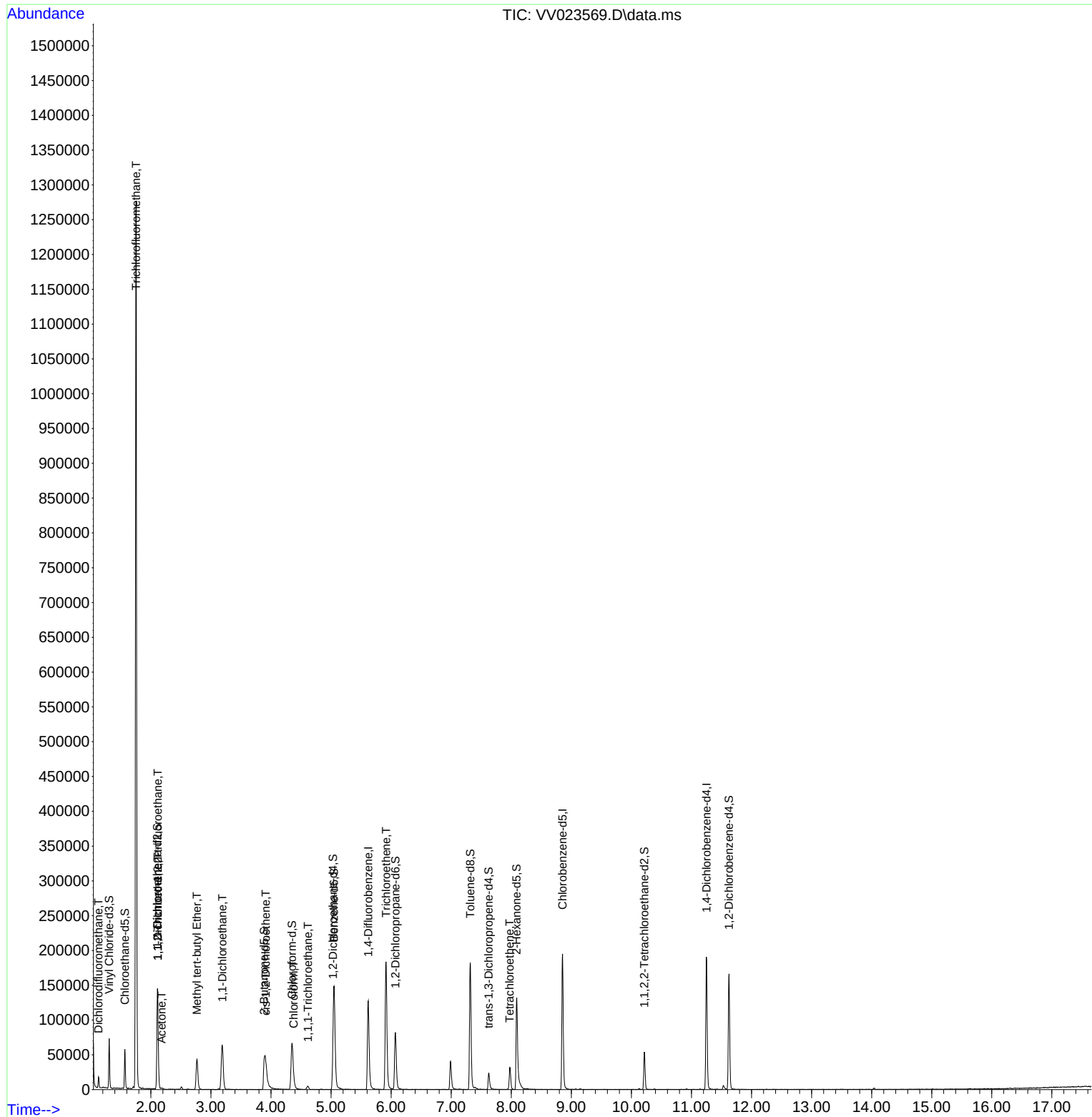
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114476	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43399	6.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.000%
7) Chloroethane-d5	1.568	69	32180	5.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.200%
11) 1,1-Dichloroethene-d2	2.108	63	60157	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.886	46	62012	50.191	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.380%
24) Chloroform-d	4.349	84	67762	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.034	65	33135	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.050	84	137964	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.072	67	39149	4.639	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	123937	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.625	79	14234	4.448	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.088	63	44654	37.928	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24775	4.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	43560	5.059	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	5478	0.491	ug/L	97
9) Trichlorofluoromethane	1.754	101	709909	49.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	10063	1.404	ug/L	99
12) 1,1-Dichloroethene	2.118	96	7058	1.034	ug/L #	1
13) Acetone	2.179	43	2191	2.902	ug/L	82
17) Methyl tert-butyl Ether	2.767	73	41785	2.781	ug/L	97
19) 1,1-Dichloroethane	3.191	63	52158	3.681	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	7241	0.897	ug/L #	82
25) Chloroform	4.378	83	5895	0.390	ug/L	94
29) 1,1,1-Trichloroethane	4.616	97	3778	0.278	ug/L	97
34) Trichloroethene	5.915	95	63553	7.653	ug/L	96
47) Tetrachloroethene	7.976	164	7412	1.030	ug/L	95

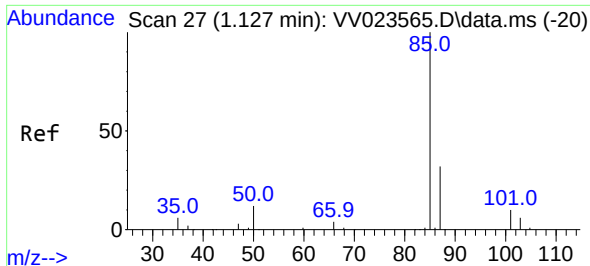
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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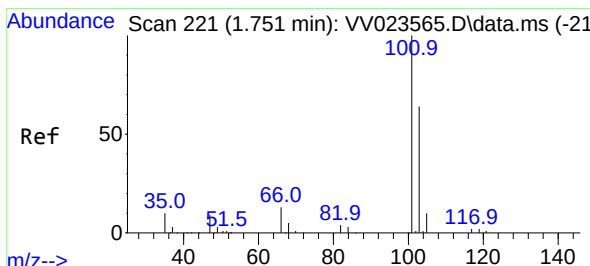
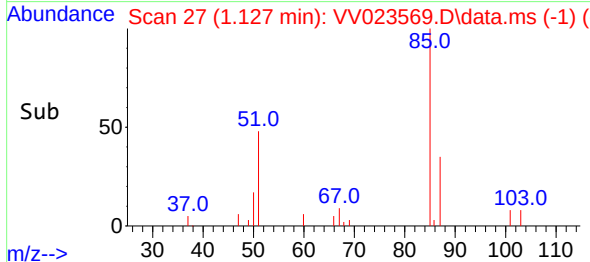
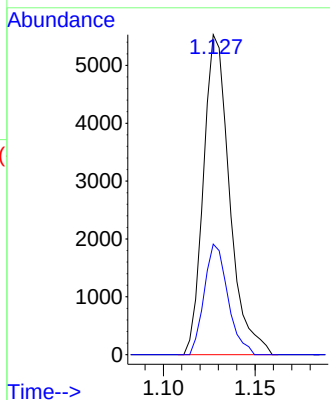
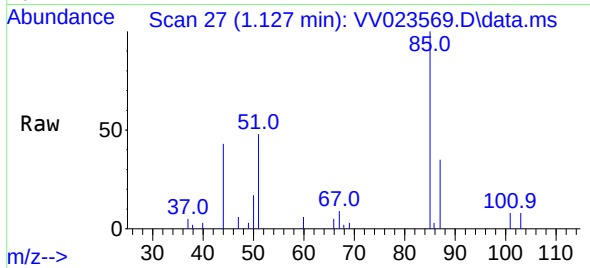




#2
 Dichlorodifluoromethane
 Concen: 0.491 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023569.D
 Acq: 17 Nov 2021 15:00

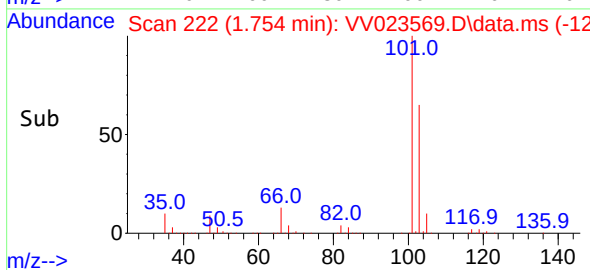
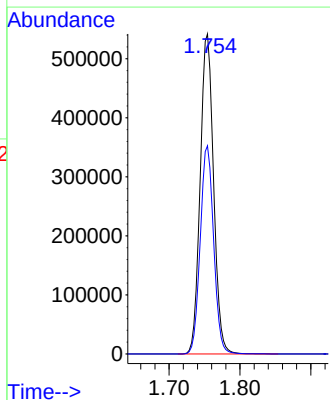
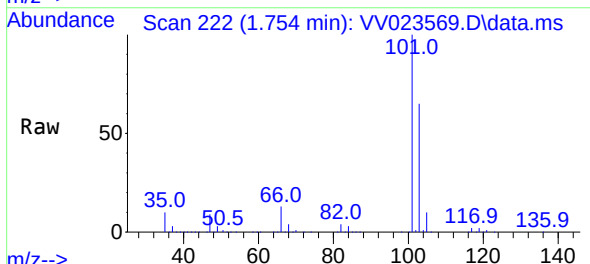
Instrument :
 MSVOA_V
 ClientSampleId :
 BG203

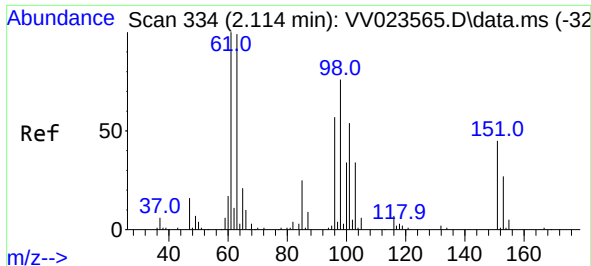
Tgt Ion: 85 Resp: 5478
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.6 39.8



#9
 Trichlorofluoromethane
 Concen: 49.847 ug/L
 RT: 1.754 min Scan# 222
 Delta R.T. 0.003 min
 Lab File: VV023569.D
 Acq: 17 Nov 2021 15:00

Tgt Ion: 101 Resp: 709909
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.6 79.0

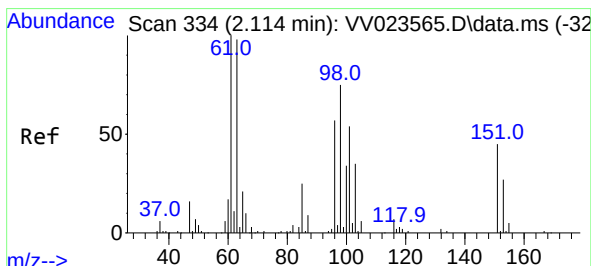
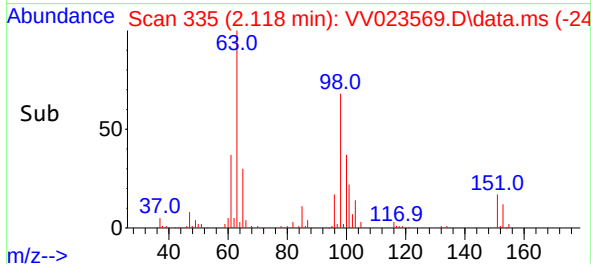
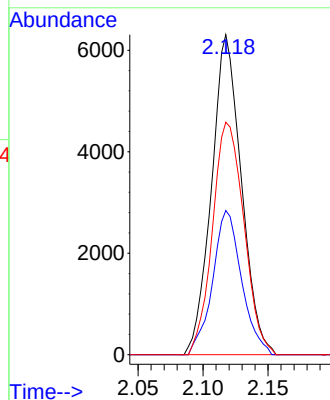
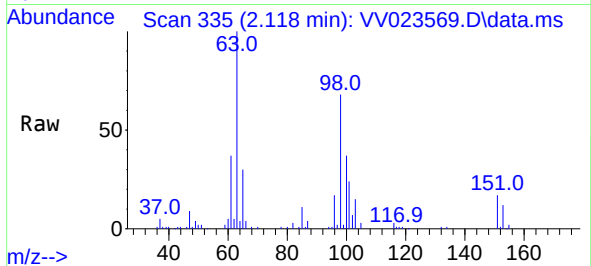




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.404 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV023569.D
Acq: 17 Nov 2021 15:00

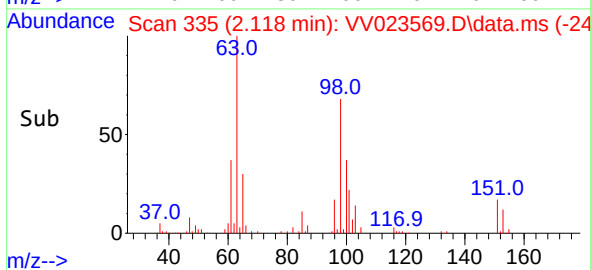
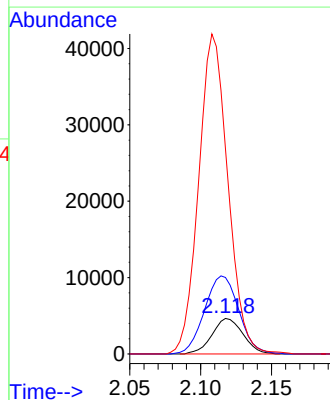
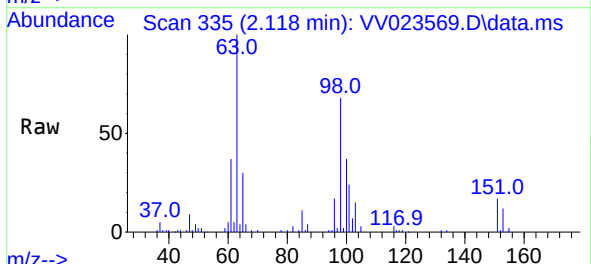
Instrument :
MSVOA_V
ClientSampleId :
BG203

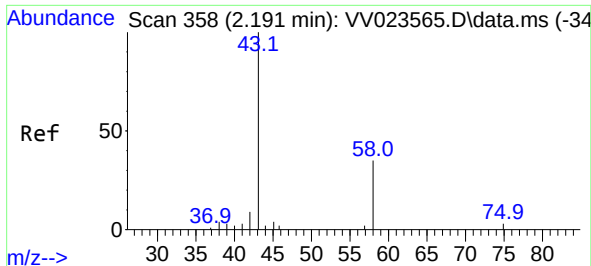
Tgt Ion:101 Resp: 10063
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 76.6 62.2 93.2



#12
1,1-Dichloroethene
Concen: 1.034 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV023569.D
Acq: 17 Nov 2021 15:00

Tgt Ion: 96 Resp: 7058
Ion Ratio Lower Upper
96 100
61 215.1 121.5 225.7
63 576.3 99.6 185.0#





#13

Acetone

Concen: 2.902 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV023569.D

Acq: 17 Nov 2021 15:00

Instrument :

MSVOA_V

ClientSampleId :

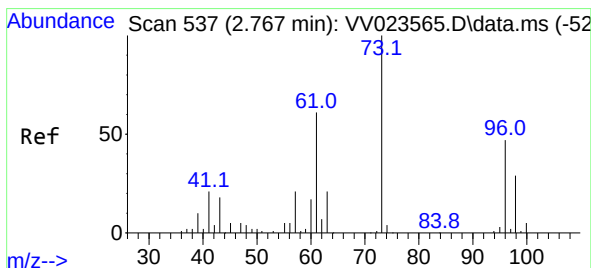
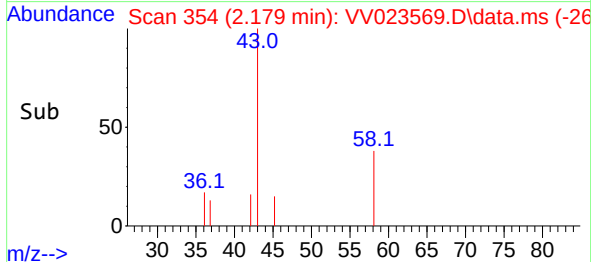
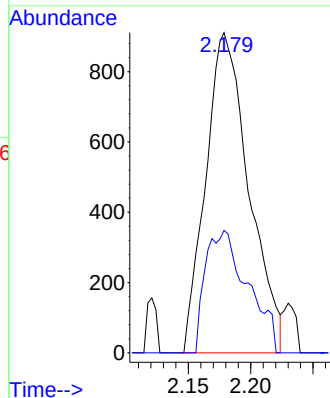
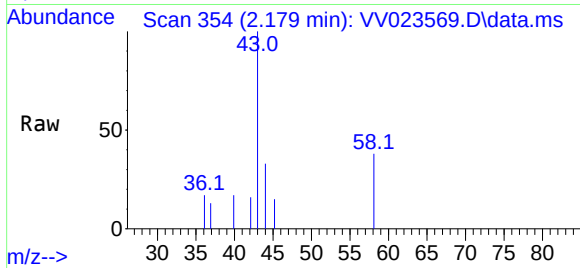
BG203

Tgt Ion: 43 Resp: 2191

Ion Ratio Lower Upper

43 100

58 37.3 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 2.781 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.000 min

Lab File: VV023569.D

Acq: 17 Nov 2021 15:00

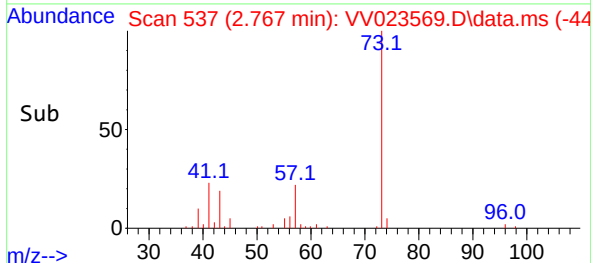
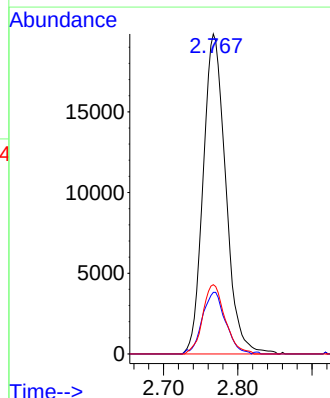
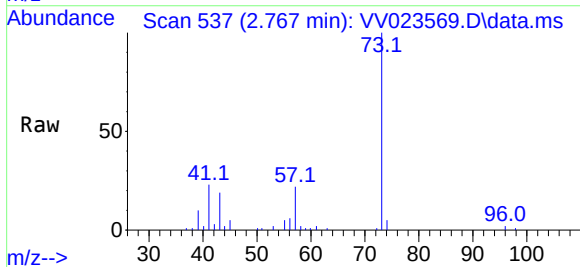
Tgt Ion: 73 Resp: 41785

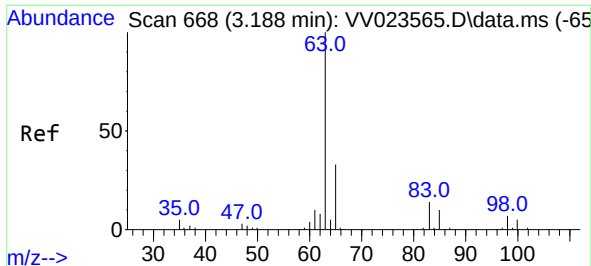
Ion Ratio Lower Upper

73 100

43 19.8 17.4 26.0

57 21.5 16.5 24.7

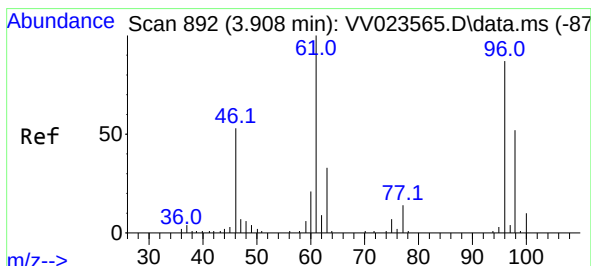
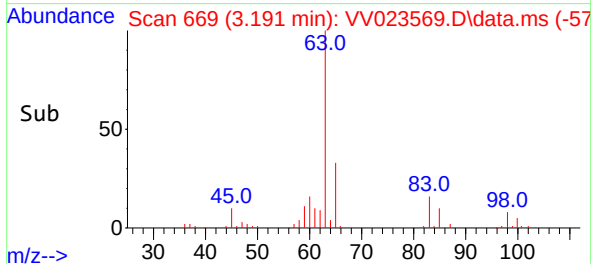
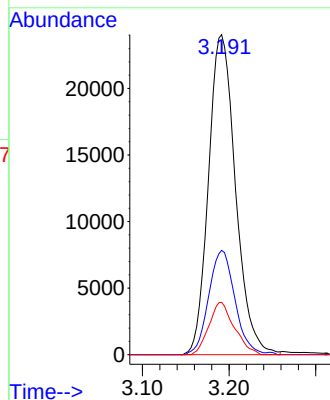
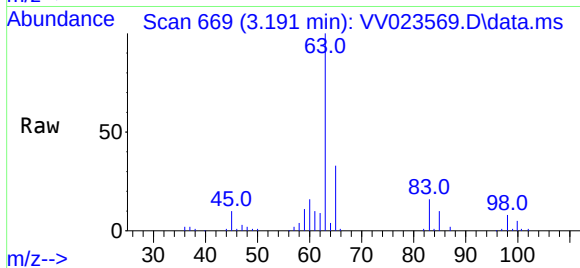




#19
1,1-Dichloroethane
Concen: 3.681 ug/L
RT: 3.191 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV023569.D
Acq: 17 Nov 2021 15:00

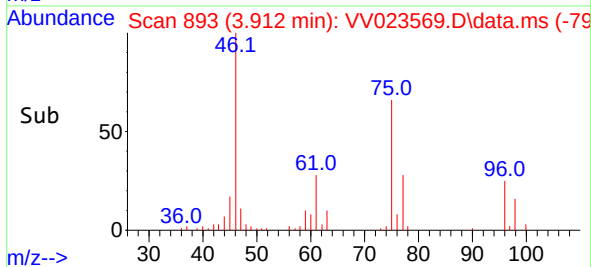
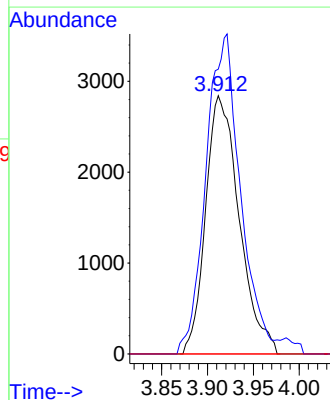
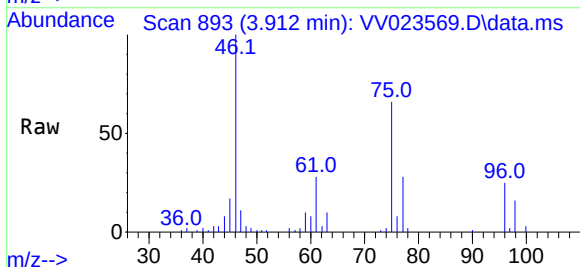
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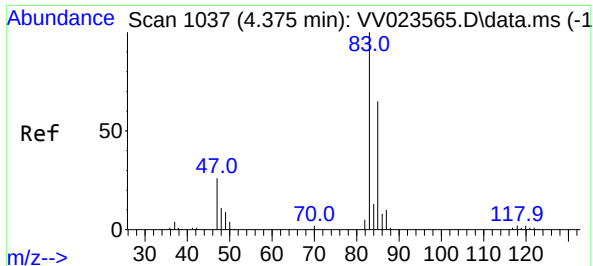
Tgt Ion: 63 Resp: 52158
Ion Ratio Lower Upper
63 100
65 32.6 22.6 42.0
83 16.3 11.1 20.7



#22
cis-1,2-Dichloroethene
Concen: 0.897 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023569.D
Acq: 17 Nov 2021 15:00

Tgt Ion: 96 Resp: 7241
Ion Ratio Lower Upper
96 100
61 110.3 92.3 171.3
68 0.0 0.4 0.8#

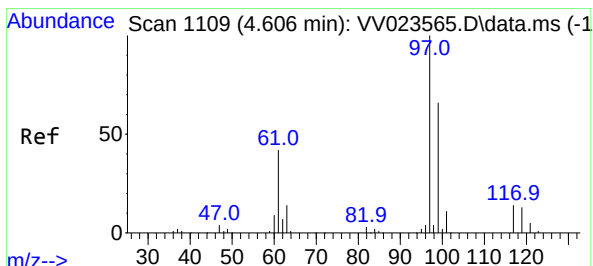
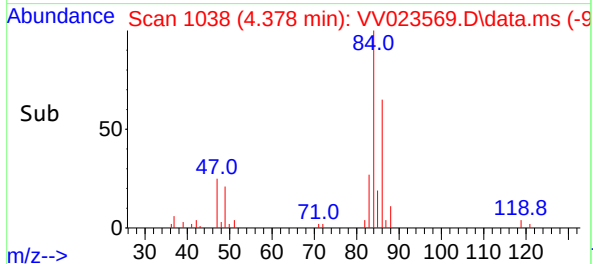
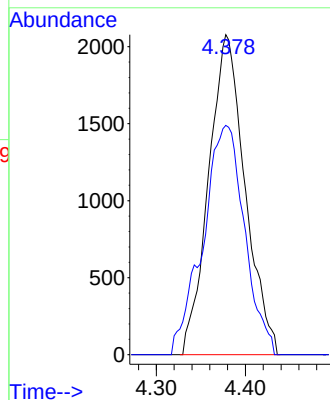
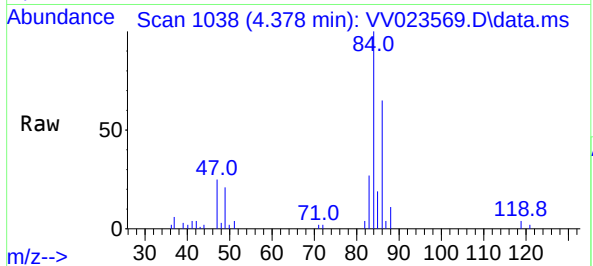




#25
Chloroform
Concen: 0.390 ug/L
RT: 4.378 min Scan# 1112
Delta R.T. 0.003 min
Lab File: VV023569.D
Acq: 17 Nov 2021 15:00

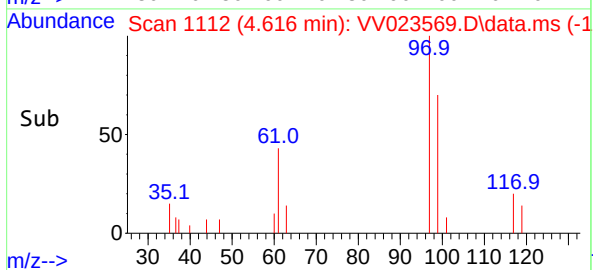
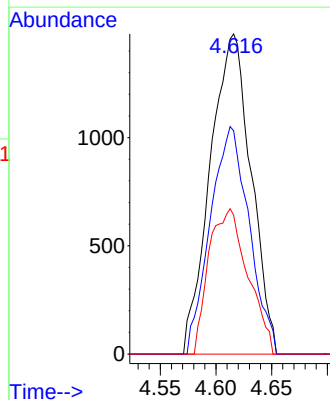
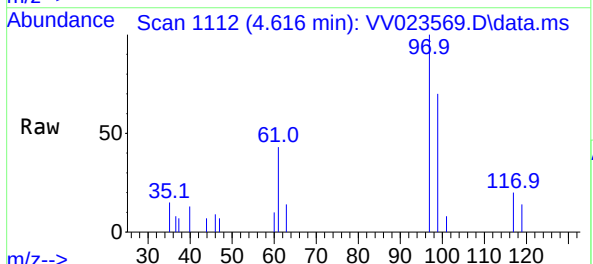
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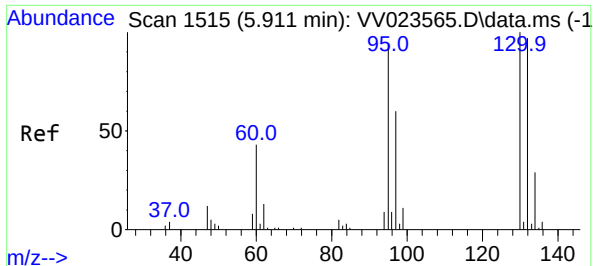
Tgt Ion: 83 Resp: 5895
Ion Ratio Lower Upper
83 100
85 71.7 46.8 86.8



#29
1,1,1-Trichloroethane
Concen: 0.278 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.010 min
Lab File: VV023569.D
Acq: 17 Nov 2021 15:00

Tgt Ion: 97 Resp: 3778
Ion Ratio Lower Upper
97 100
99 67.6 51.0 76.4
61 43.3 34.1 51.1



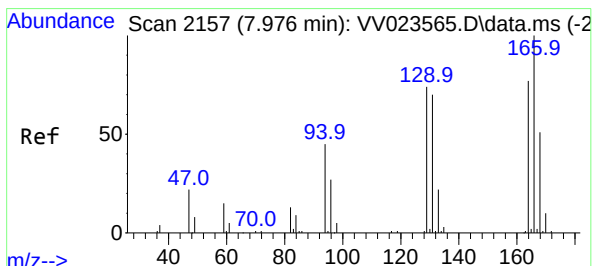
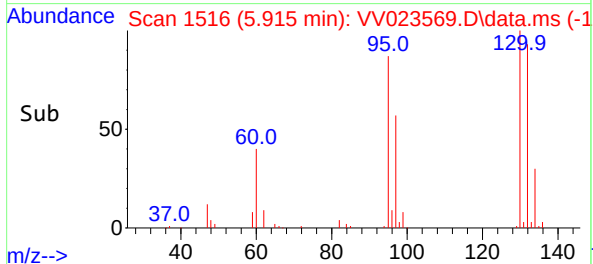
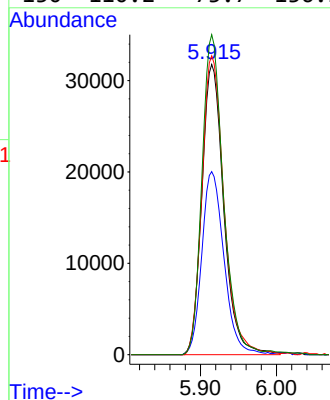
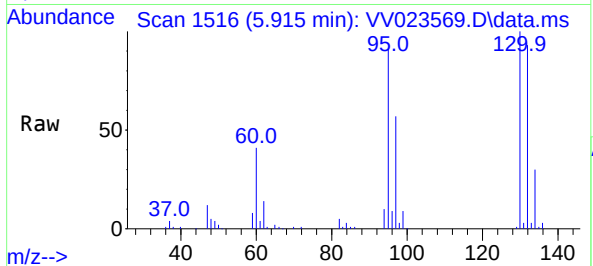


#34
Trichloroethene
Concen: 7.653 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023569.D
Acq: 17 Nov 2021 15:00

Instrument :
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Tgt Ion: 95 Resp: 63553

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.0	83.6
132	103.0	69.7	129.4
130	110.2	73.7	136.9



#47
Tetrachloroethene
Concen: 1.030 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023569.D
Acq: 17 Nov 2021 15:00

Tgt Ion: 164 Resp: 7412

Ion	Ratio	Lower	Upper
164	100		
129	91.4	64.0	119.0
131	83.9	63.4	117.8
166	118.6	89.3	165.9

