

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023570.D
 Acq On : 17 Nov 2021 15:24
 Operator : SY/MD
 Sample : M4616-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y7

Quant Time: Nov 18 00:21:59 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	109214	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	108702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50133	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42166	6.163	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.200%
7) Chloroethane-d5	1.568	69	30993	5.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.200%
11) 1,1-Dichloroethene-d2	2.108	63	56624	4.421	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.889	46	60234	51.101	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.200%
24) Chloroform-d	4.349	84	68515	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.034	65	32747	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.053	84	133781	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	37949	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.317	98	120652	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.629	79	14035	4.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.088	63	43082	37.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24007	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	43071	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	759	0.084	ug/L	99
6) Bromomethane	1.523	94	583	0.101	ug/L	97
9) Trichlorofluoromethane	1.751	101	1204	0.089	ug/L	93
12) 1,1-Dichloroethene	2.108	96	536	0.082	ug/L #	1
13) Acetone	2.172	43	1328	1.844	ug/L	95
15) Methyl Acetate	2.172	43	1328	0.651	ug/L #	47
17) Methyl tert-butyl Ether	2.767	73	1947	0.136	ug/L #	93
22) cis-1,2-Dichloroethene	3.915	96	5037	0.654	ug/L #	92
34) Trichloroethene	5.915	95	118762	14.699	ug/L	99
35) Methylcyclohexane	6.072	83	9790	0.768	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	4357	0.614	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1077	0.106	ug/L #	54
42) Toluene	7.397	91	2063	0.063	ug/L #	68
47) Tetrachloroethene	7.976	164	18519	2.645	ug/L	93
48) 2-Hexanone	8.156	43	3053	1.324	ug/L #	47
49) Dibromochloromethane	7.976	129	16344	2.531	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5256	1.578	ug/L #	66

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

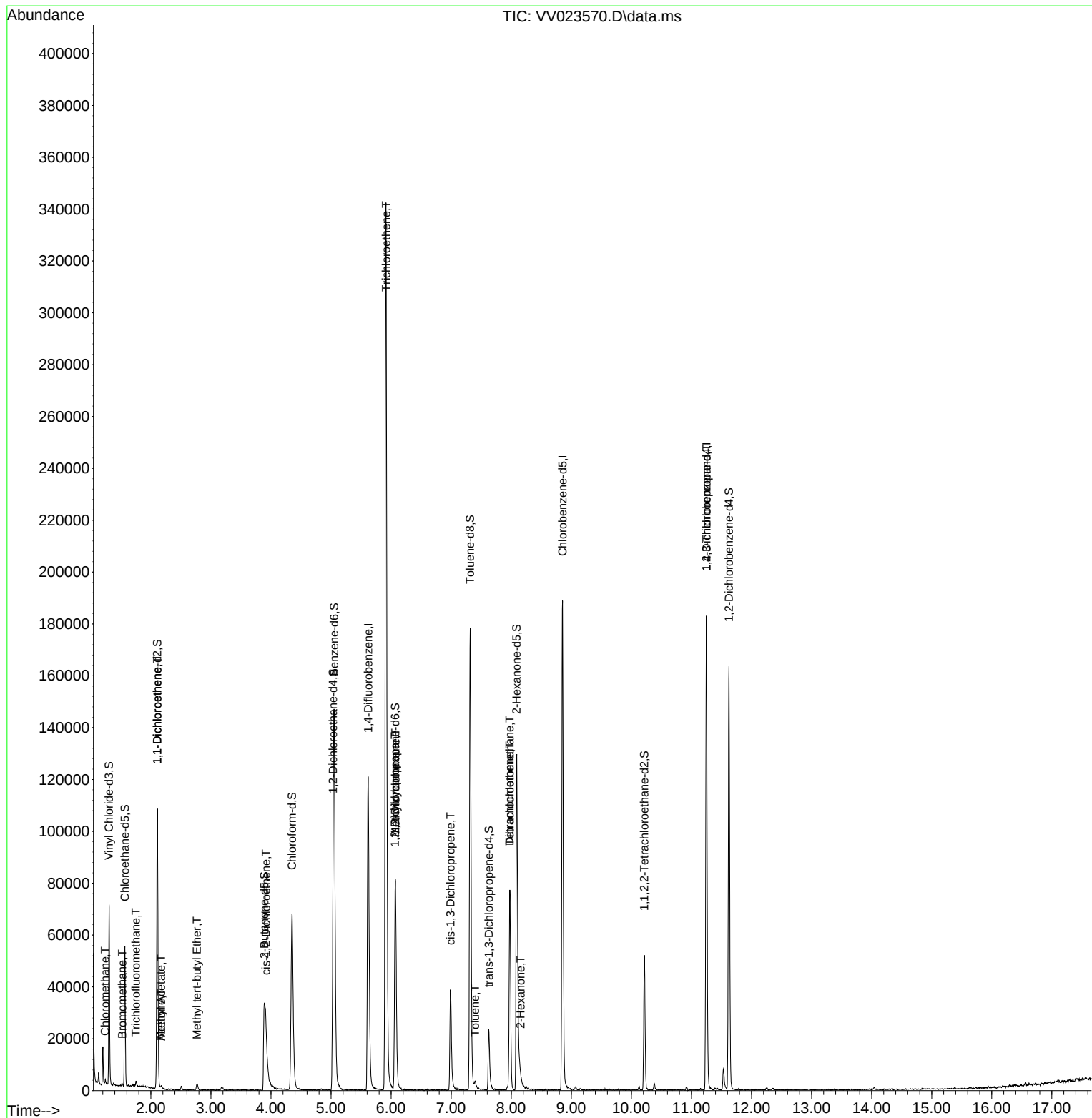
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

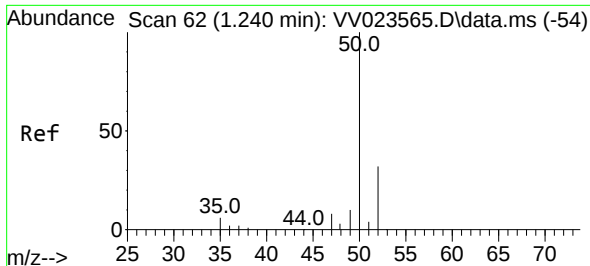
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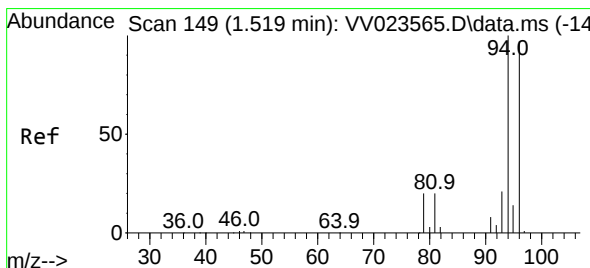
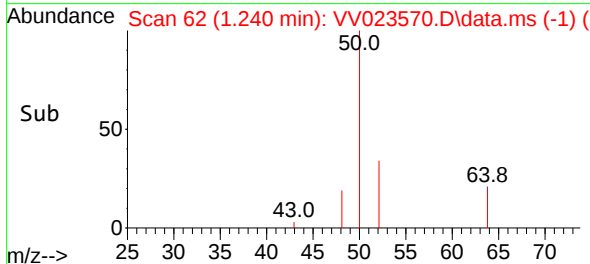
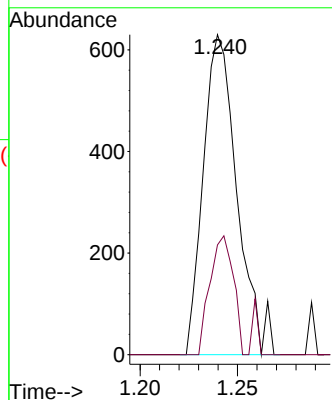
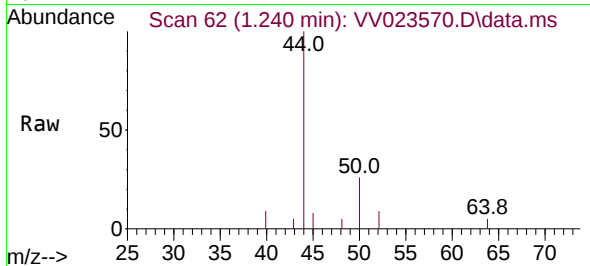




#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

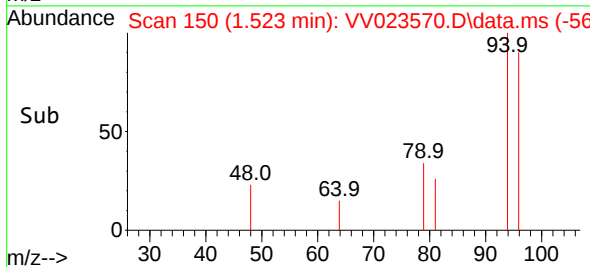
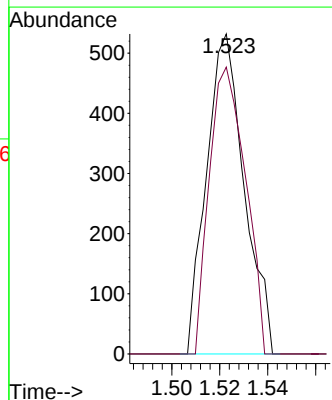
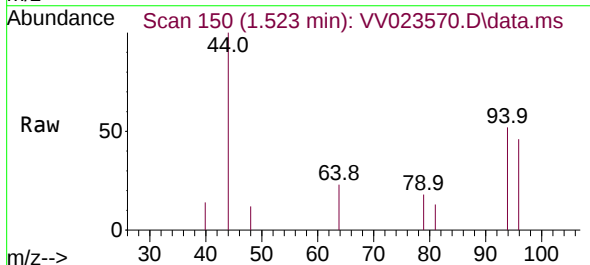
Instrument :
MSVOA_V
ClientSampleId :
BG1Y7

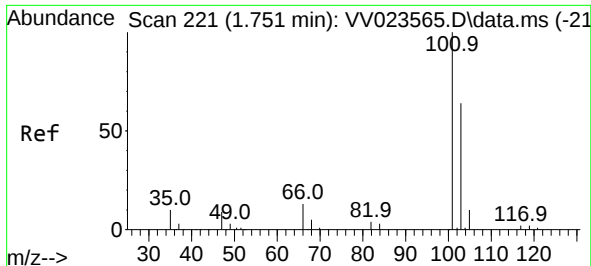
Tgt Ion: 50 Resp: 759
Ion Ratio Lower Upper
50 100
52 34.3 24.3 45.1



#6
Bromomethane
Concen: 0.101 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

Tgt Ion: 94 Resp: 583
Ion Ratio Lower Upper
94 100
96 89.7 65.0 120.8

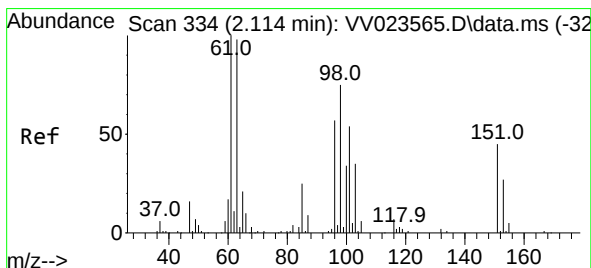
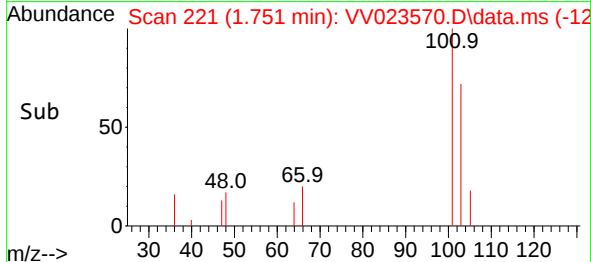
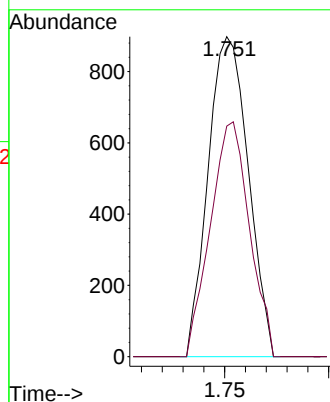
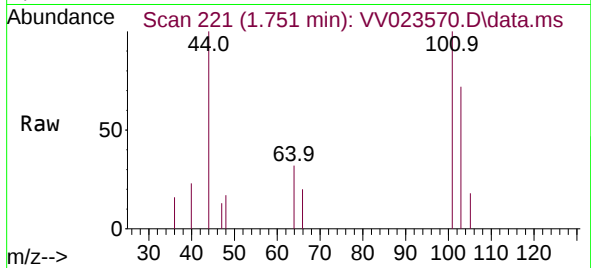




#9
 Trichlorofluoromethane
 Concen: 0.089 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023570.D
 Acq: 17 Nov 2021 15:24

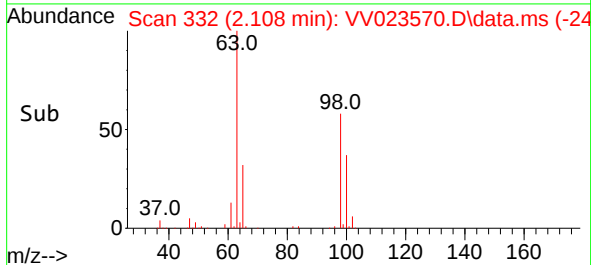
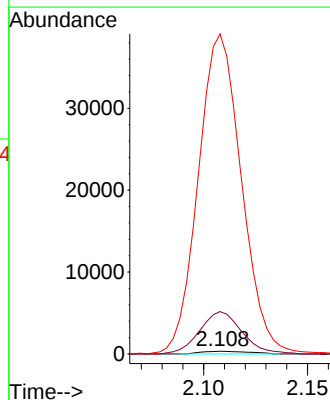
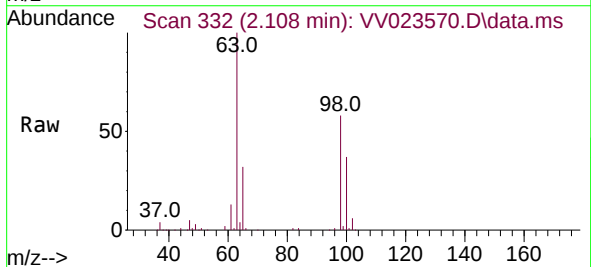
Instrument :
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 ClientSampleId :
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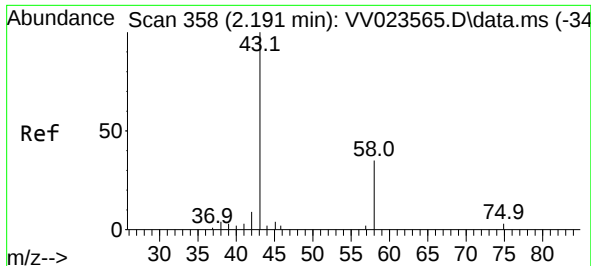
Tgt Ion:101 Resp: 1204
 Ion Ratio Lower Upper
 101 100
 103 71.4 52.6 79.0



#12
 1,1-Dichloroethene
 Concen: 0.082 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV023570.D
 Acq: 17 Nov 2021 15:24

Tgt Ion: 96 Resp: 536
 Ion Ratio Lower Upper
 96 100
 61 1598.5 121.5 225.7#
 63 12061.7 99.6 185.0#

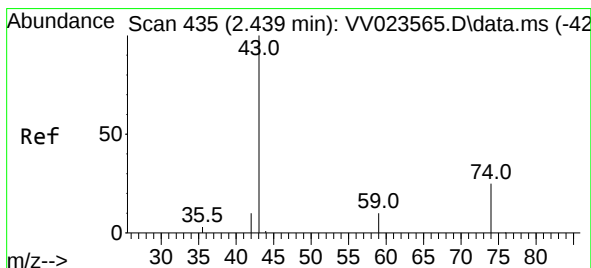
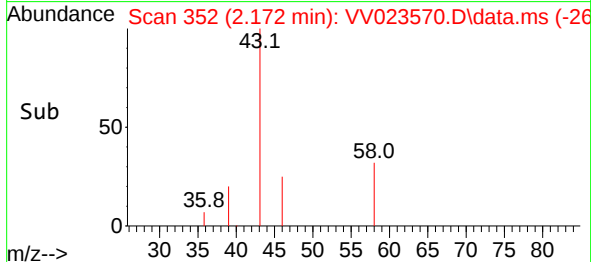
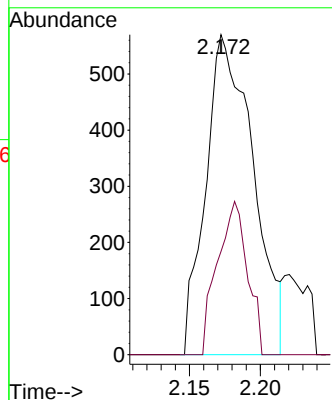
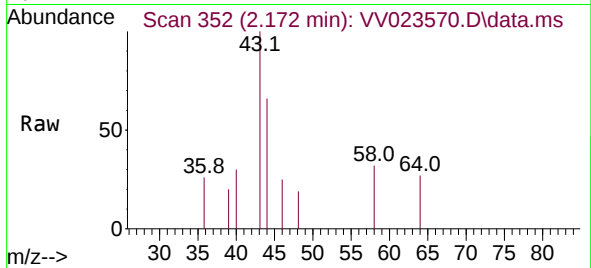




#13
Acetone
Concen: 1.844 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.019 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

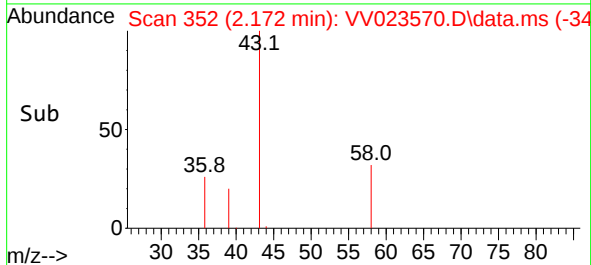
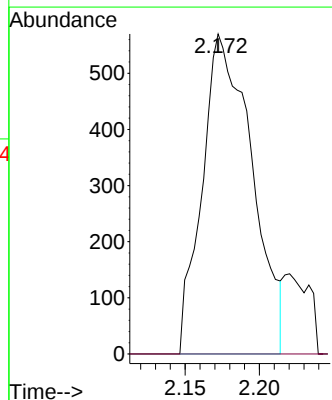
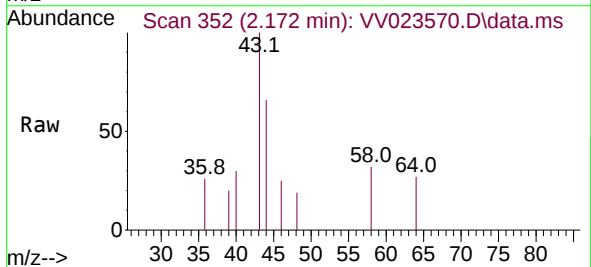
Instrument :
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ClientSampleId :
BG1Y7

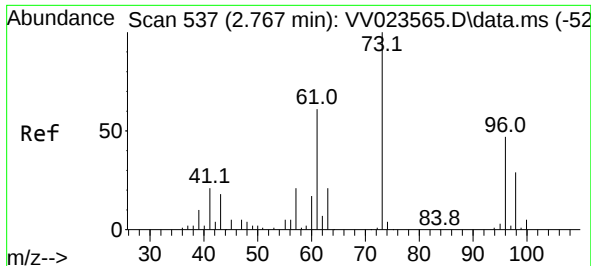
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
58 30.3 0.0 55.4



#15
Methyl Acetate
Concen: 0.651 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.267 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#

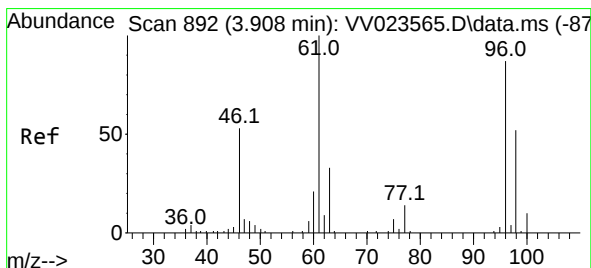
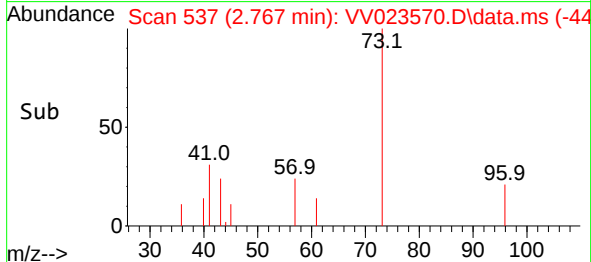
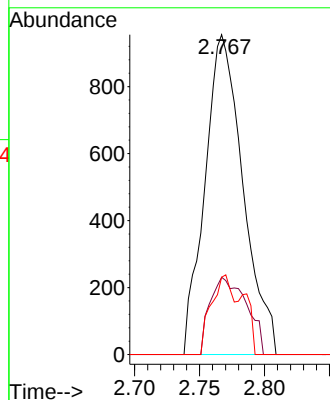
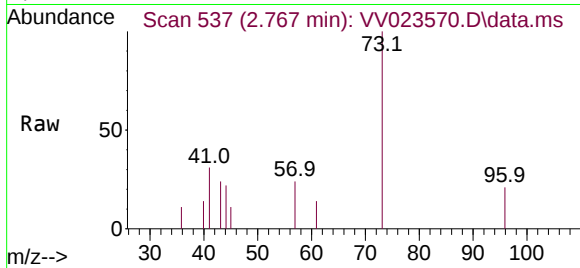




#17
Methyl tert-butyl Ether
Concen: 0.136 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

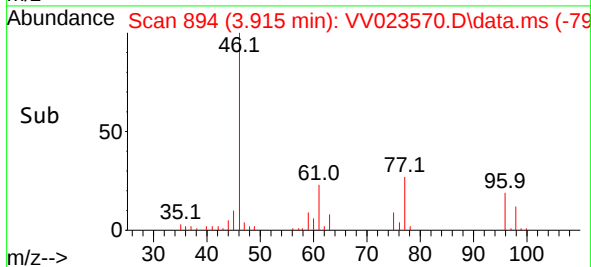
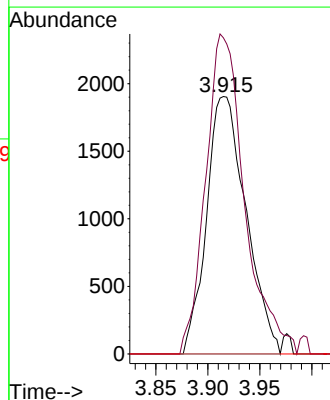
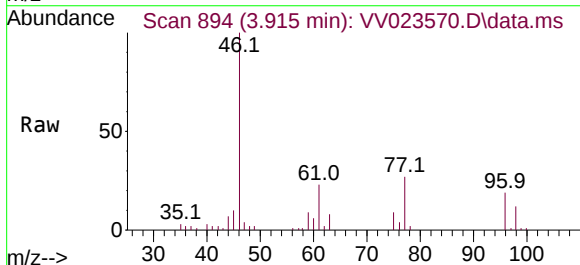
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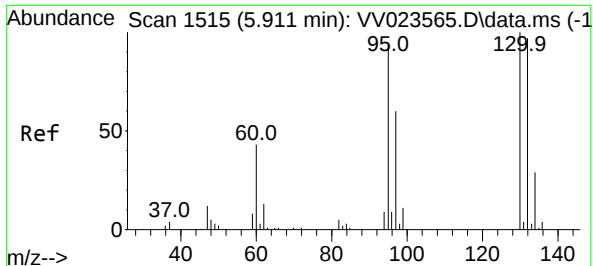
Tgt Ion: 73 Resp: 1947
Ion Ratio Lower Upper
73 100
43 23.2 17.4 26.0
57 15.6 16.5 24.7#



#22
cis-1,2-Dichloroethene
Concen: 0.654 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

Tgt Ion: 96 Resp: 5037
Ion Ratio Lower Upper
96 100
61 122.8 92.3 171.3
68 0.0 0.4 0.8#

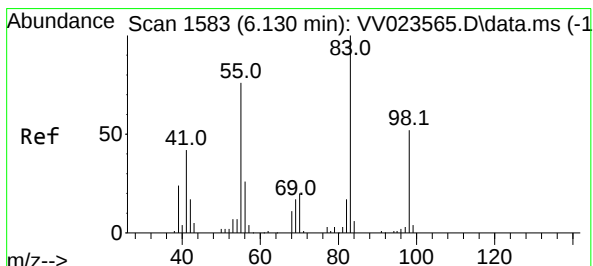
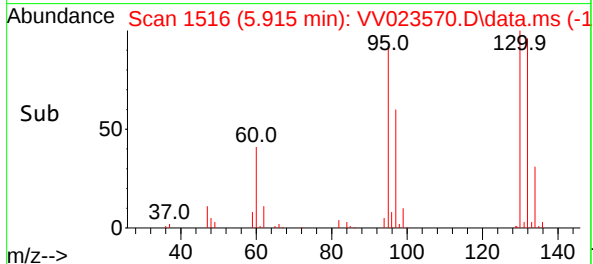
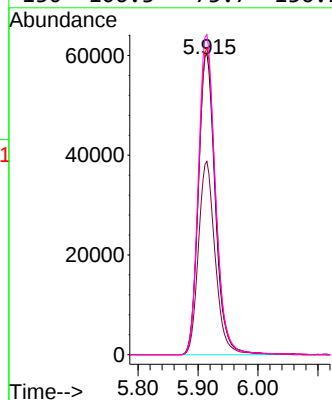
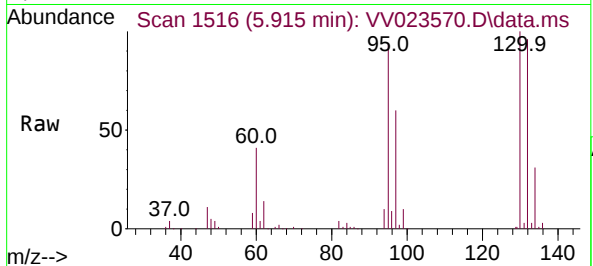




#34
Trichloroethene
Concen: 14.699 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

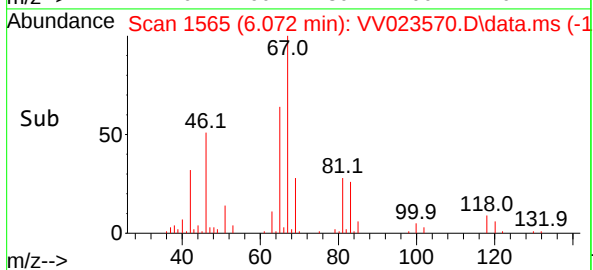
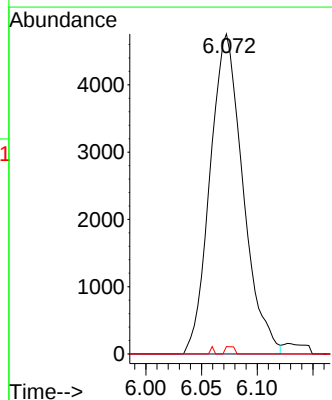
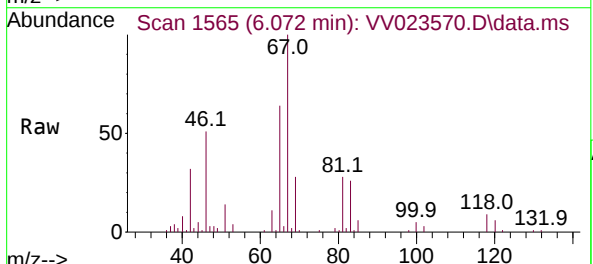
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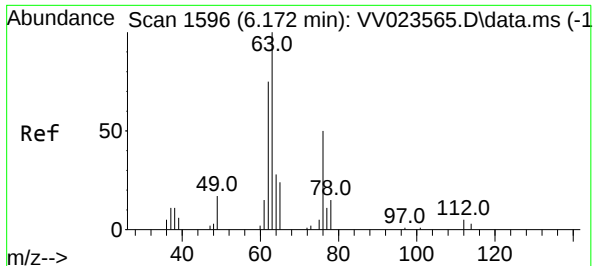
Tgt Ion: 95 Resp: 118762
Ion Ratio Lower Upper
95 100
97 64.2 45.0 83.6
132 102.0 69.7 129.4
130 106.3 73.7 136.9



#35
Methylcyclohexane
Concen: 0.768 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

Tgt Ion: 83 Resp: 9790
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 2.6 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV023570.D

Acq: 17 Nov 2021 15:24

Instrument :

MSVOA_V

ClientSampleId :

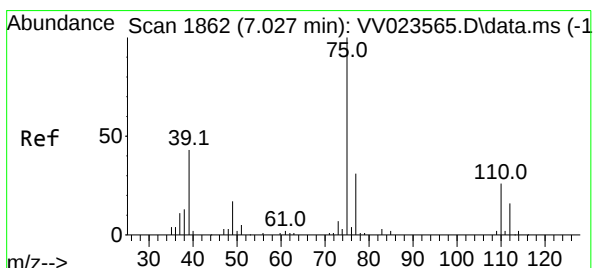
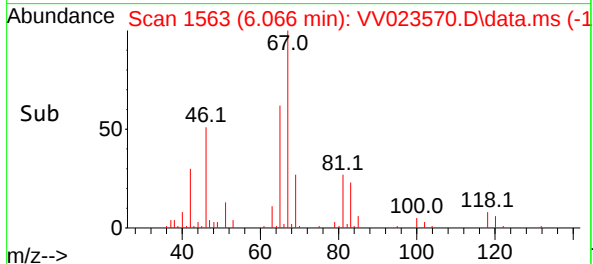
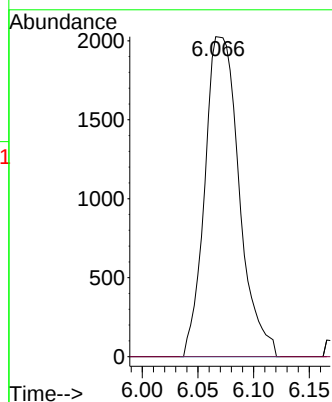
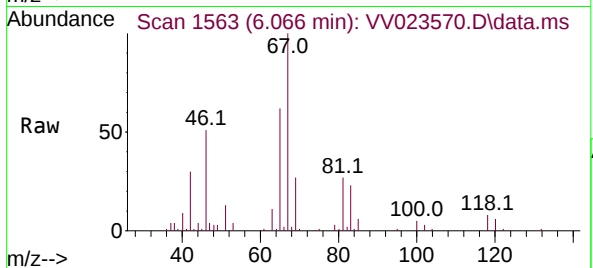
BG1Y7

Tgt Ion: 63 Resp: 4357

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV023570.D

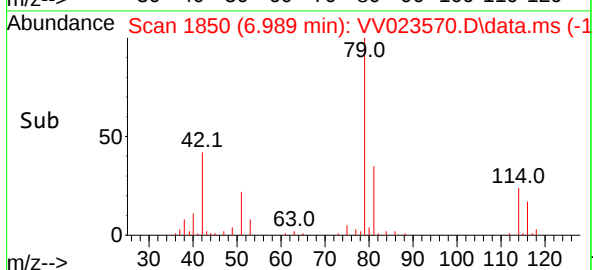
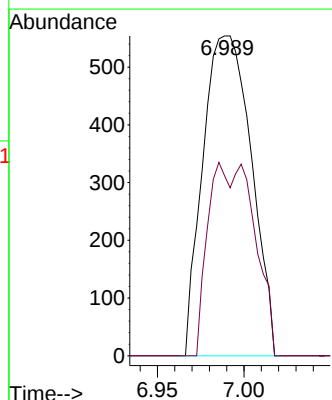
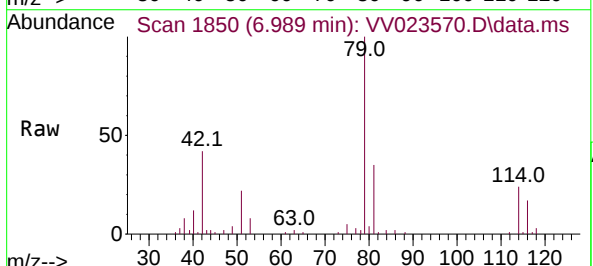
Acq: 17 Nov 2021 15:24

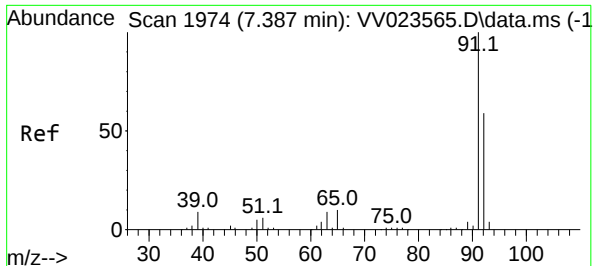
Tgt Ion: 75 Resp: 1077

Ion Ratio Lower Upper

75 100

77 56.3 21.6 40.2#





#42

Toluene

Concen: 0.063 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV023570.D

Acq: 17 Nov 2021 15:24

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ClientSampleId :

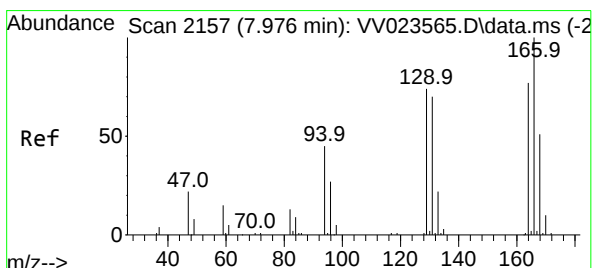
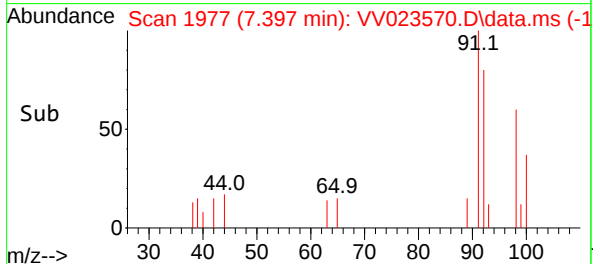
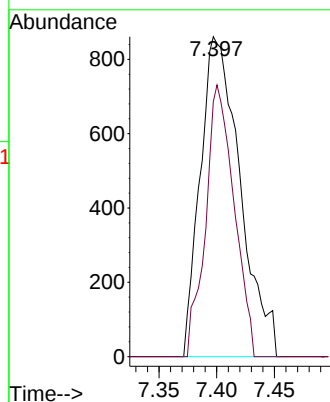
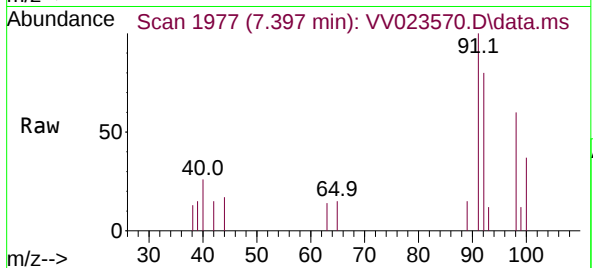
BG1Y7

Tgt Ion: 91 Resp: 2063

Ion Ratio Lower Upper

91 100

92 79.7 39.3 72.9#



#47

Tetrachloroethene

Concen: 2.645 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023570.D

Acq: 17 Nov 2021 15:24

Tgt Ion: 164 Resp: 18519

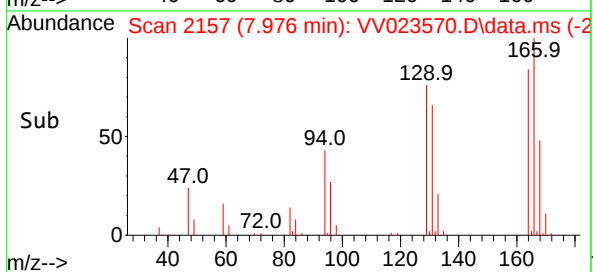
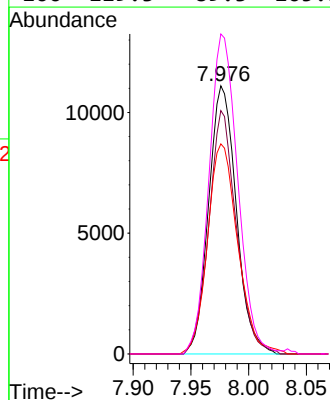
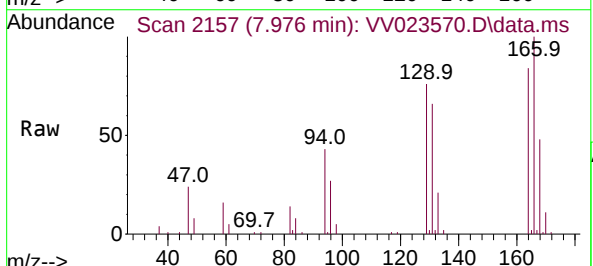
Ion Ratio Lower Upper

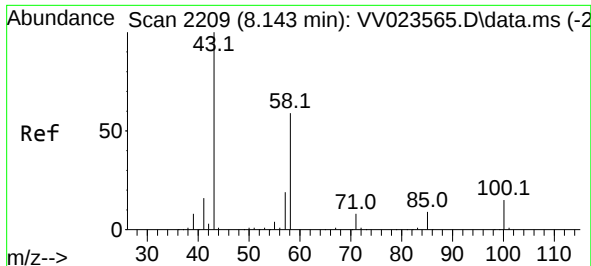
164 100

129 90.8 64.0 119.0

131 78.4 63.4 117.8

166 119.3 89.3 165.9

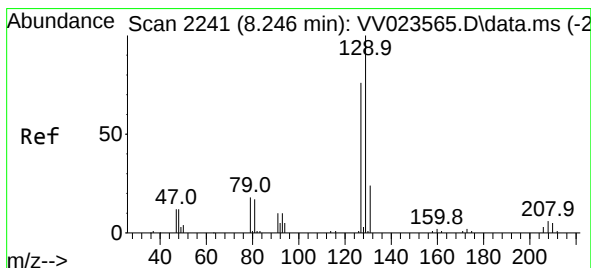
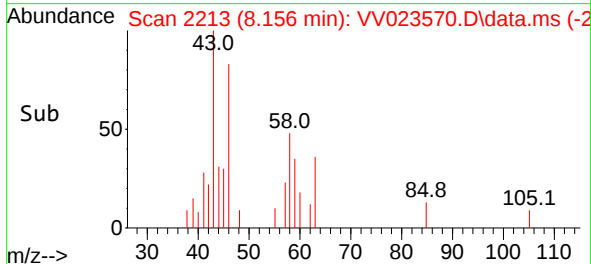
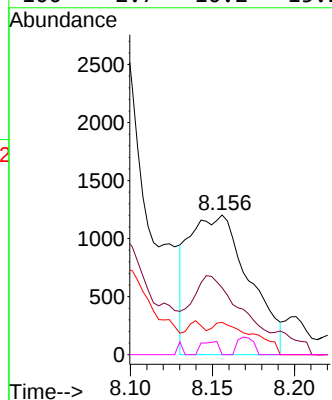
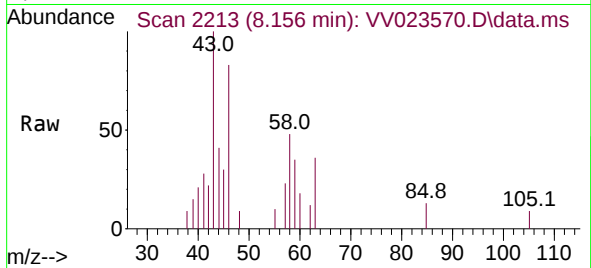




#48
2-Hexanone
Concen: 1.324 ug/L
RT: 8.156 min Scan# 2157
Delta R.T. 0.013 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

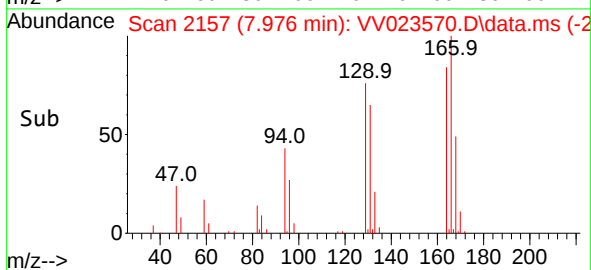
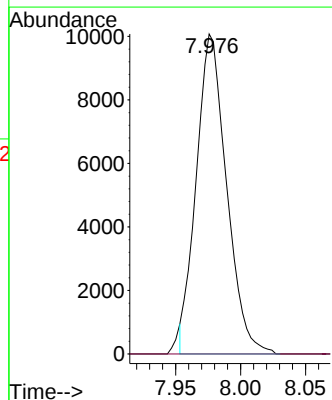
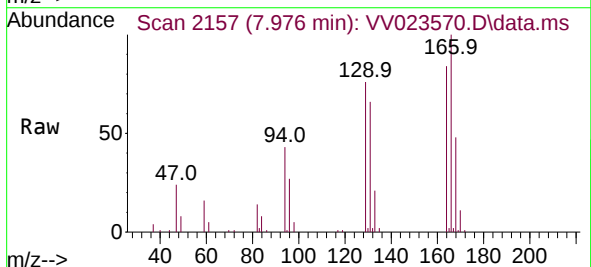
Instrument :
MSVOA_V
ClientSampleId :
BG1Y7

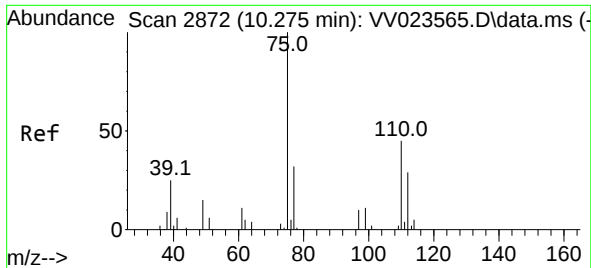
Tgt Ion: 43	Resp: 3053
Ion Ratio	Lower Upper
43 100	
58 0.0	43.7 65.5#
57 16.2	14.1 21.1
100 2.7	10.2 15.2#



#49
Dibromochloromethane
Concen: 2.531 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV023570.D
Acq: 17 Nov 2021 15:24

Tgt Ion:129	Resp:	16344	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.578 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV023570.D

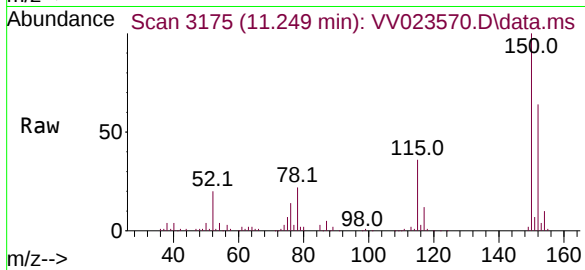
Acq: 17 Nov 2021 15:24

Instrument :

MSVOA_V

ClientSampleId :

BG1Y7



Tgt Ion: 75 Resp: 5256

Ion Ratio Lower Upper

75 100

77 35.3 26.6 39.8

110 3.3 31.8 47.6#

