

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023994.D
 Acq On : 15 Dec 2021 20:26
 Operator : SY/MD
 Sample : M5090-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3E9

Quant Time: Dec 16 04:52:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

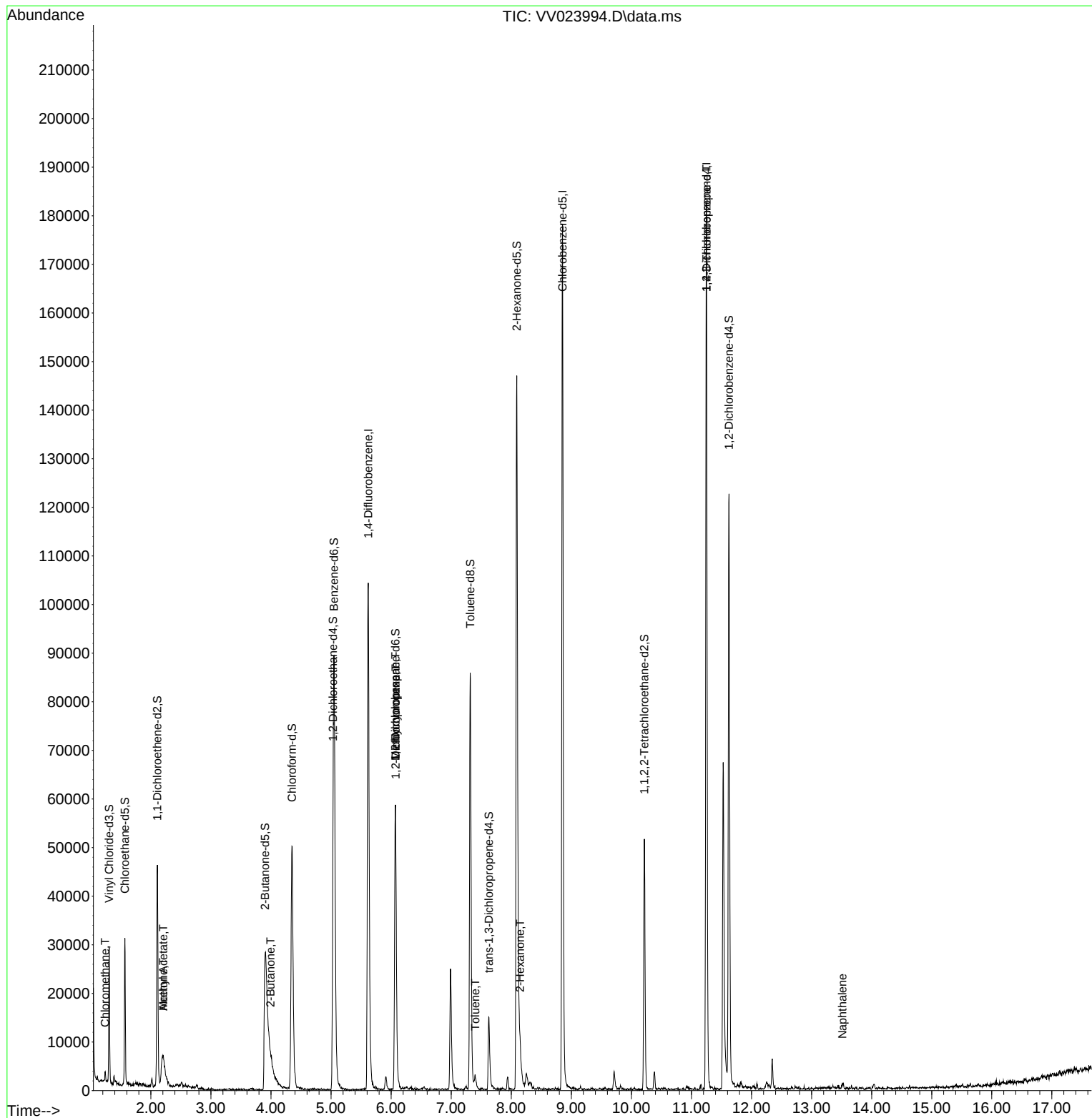
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	94773	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	15878	3.116	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.568	69	17446	4.104	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.000%	
11) 1,1-Dichloroethene-d2	2.108	63	23706	2.384	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	47.600%#	
20) 2-Butanone-d5	3.902	46	66395	66.702	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.400%#	
24) Chloroform-d	4.349	84	51142	4.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.034	65	26884	5.003	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.050	84	77405	3.813	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.200%	
36) 1,2-Dichloropropane-d6	6.072	67	27551	4.498	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.317	98	59690	3.266	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.400%#	
43) trans-1,3-Dichloroprop...	7.629	79	9579	3.770	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.092	63	49748	43.738	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.480%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22053	4.341	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	32377	4.850	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1132	0.161	ug/L	89
13) Acetone	2.208	43	18046	22.661	ug/L	88
15) Methyl Acetate	2.208	43	16114	8.348	ug/L #	50
21) 2-Butanone	3.992	43	1818	1.598	ug/L	94
35) Methylcyclohexane	6.072	83	7411	0.616	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	3392	0.492	ug/L #	84
42) Toluene	7.400	91	2217	0.068	ug/L	97
48) 2-Hexanone	8.146	43	3794	1.581	ug/L #	92
61) 1,2,3-Trichloropropane	11.249	75	5217	1.532	ug/L #	60
71) Naphthalene	13.513	128	1017	0.073	ug/L #	74

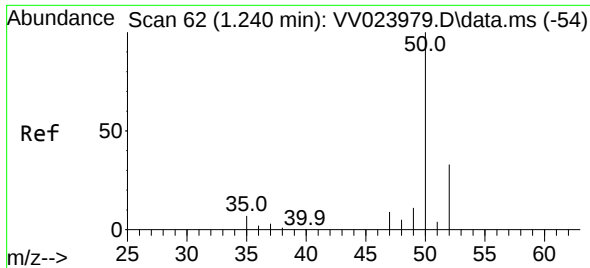
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 15 Dec 2021 20:26
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Sample : M5090-07
Misc : 25.0mL/MSVOA_V/WATER
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Quant Time: Dec 16 04:52:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

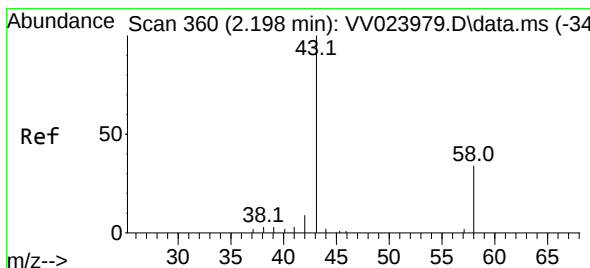
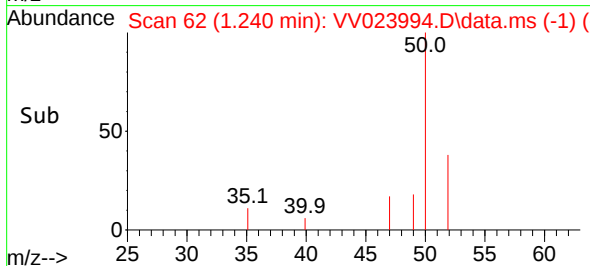
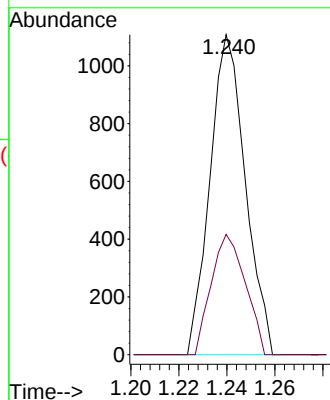
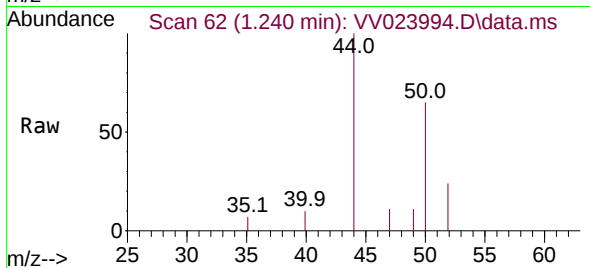




#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023994.D
Acq: 15 Dec 2021 20:26

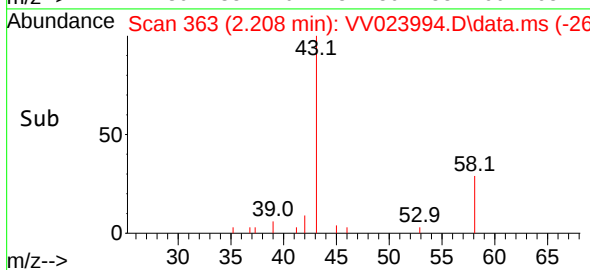
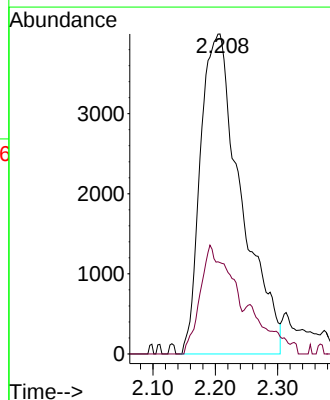
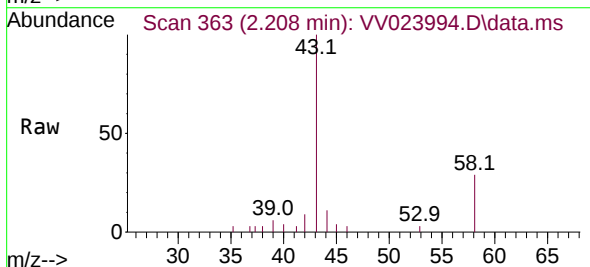
Instrument :
MSVOA_V
ClientSampleId :
BG3E9

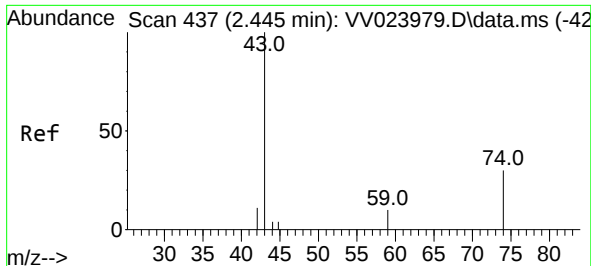
Tgt Ion: 50 Resp: 1132
Ion Ratio Lower Upper
50 100
52 37.6 22.0 41.0



#13
Acetone
Concen: 22.661 ug/L
RT: 2.208 min Scan# 363
Delta R.T. 0.010 min
Lab File: VV023994.D
Acq: 15 Dec 2021 20:26

Tgt Ion: 43 Resp: 18046
Ion Ratio Lower Upper
43 100
58 26.1 0.0 41.4

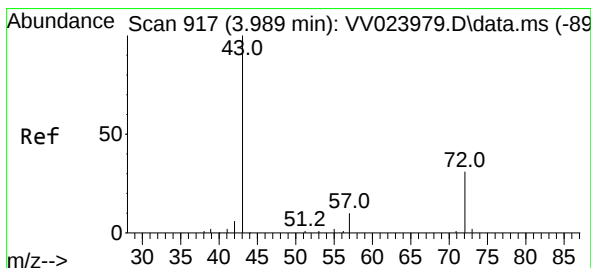
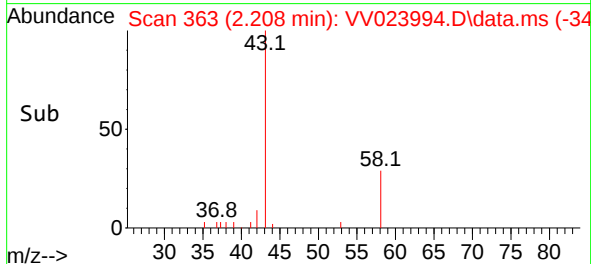
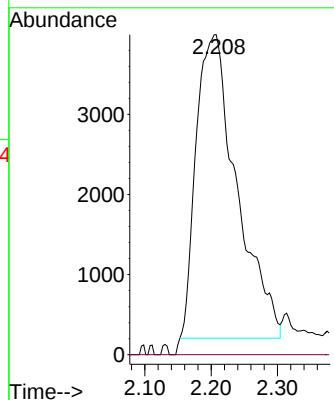
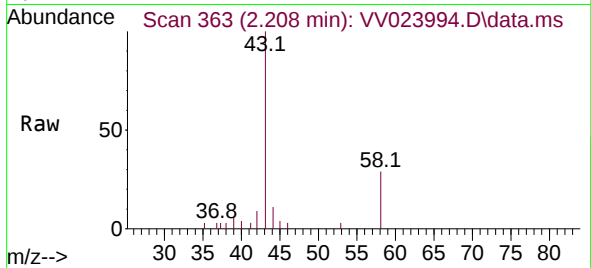




#15
Methyl Acetate
Concen: 8.348 ug/L
RT: 2.208 min Scan# 30
Delta R.T. -0.238 min
Lab File: VV023994.D
Acq: 15 Dec 2021 20:26

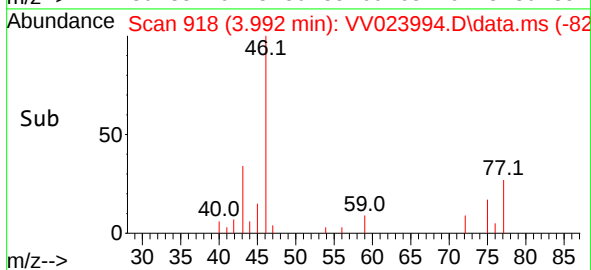
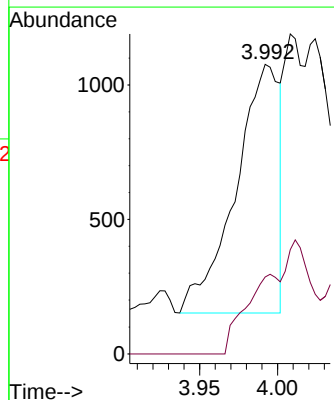
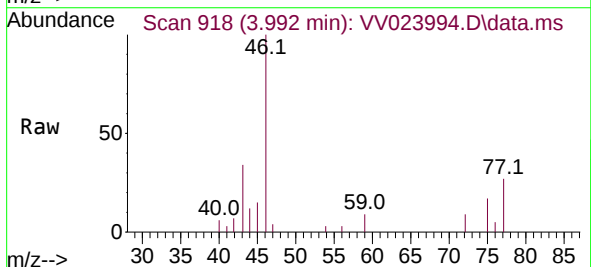
Instrument :
MSVOA_V
ClientSampleId :
BG3E9

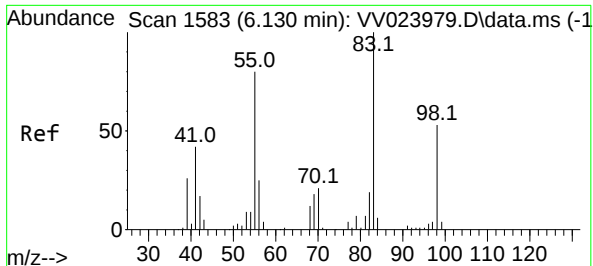
Tgt Ion: 43 Resp: 16114
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#21
2-Butanone
Concen: 1.598 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.003 min
Lab File: VV023994.D
Acq: 15 Dec 2021 20:26

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
72 25.1 11.1 33.1





#35

Methylcyclohexane

Concen: 0.616 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023994.D

Acq: 15 Dec 2021 20:26

Instrument :

MSVOA_V

ClientSampleId :

BG3E9

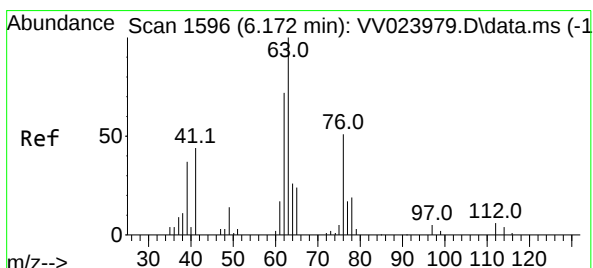
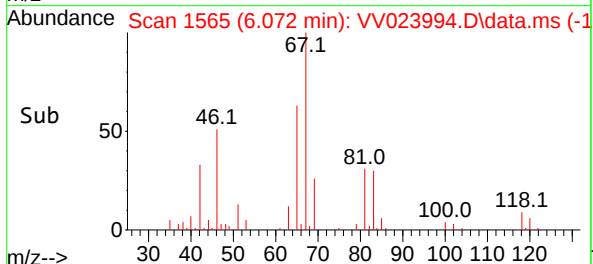
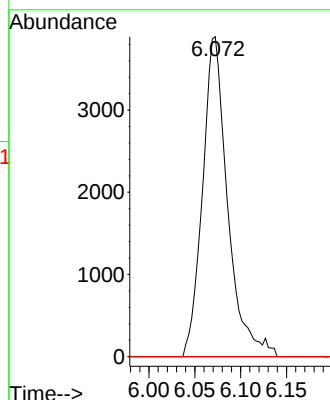
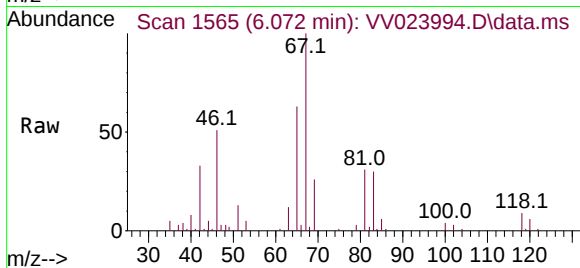
Tgt Ion: 83 Resp: 7411

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 6.3 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.096 min

Lab File: VV023994.D

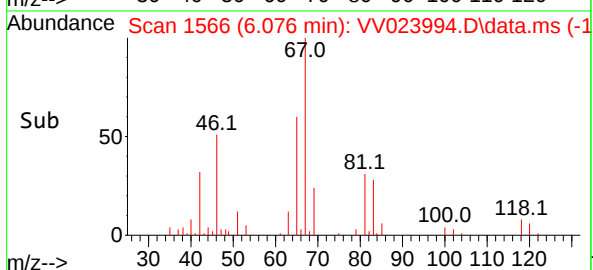
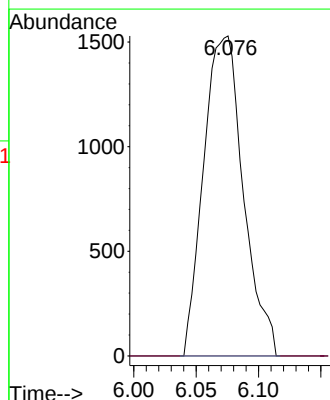
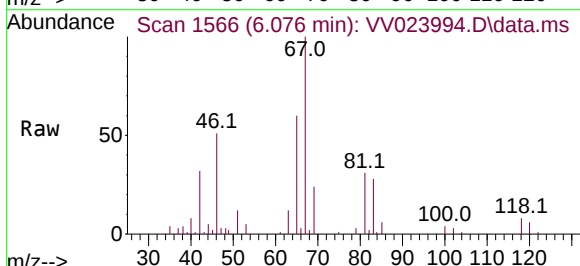
Acq: 15 Dec 2021 20:26

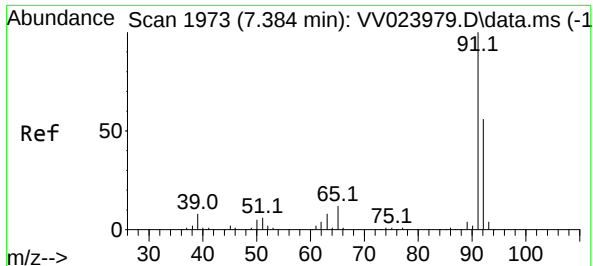
Tgt Ion: 63 Resp: 3392

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#42

Toluene

Concen: 0.068 ug/L

RT: 7.400 min Scan# 19

Delta R.T. 0.016 min

Lab File: VV023994.D

Acq: 15 Dec 2021 20:26

Instrument :

MSVOA_V

ClientSampleId :

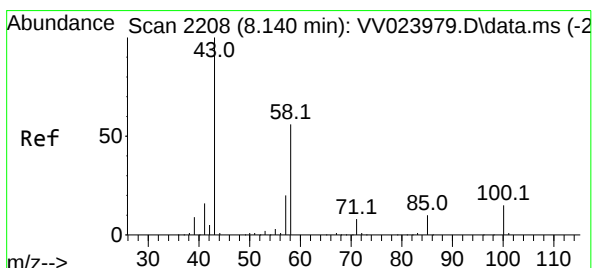
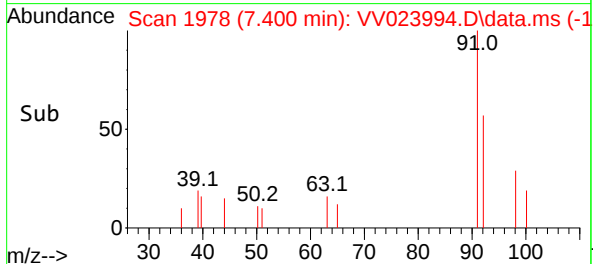
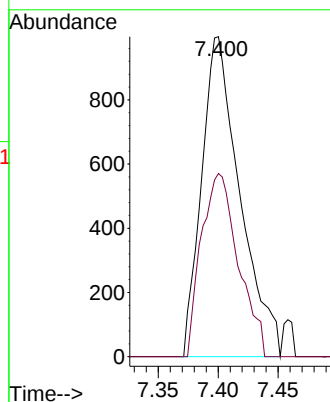
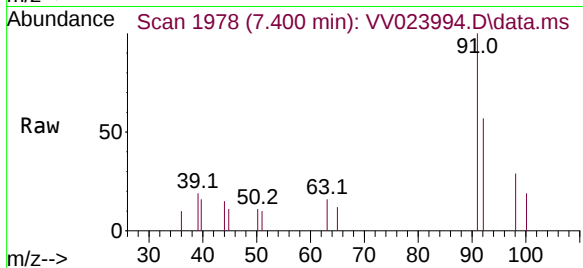
BG3E9

Tgt Ion: 91 Resp: 2217

Ion Ratio Lower Upper

91 100

92 57.3 41.5 77.1



#48

2-Hexanone

Concen: 1.581 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023994.D

Acq: 15 Dec 2021 20:26

Tgt Ion: 43 Resp: 3794

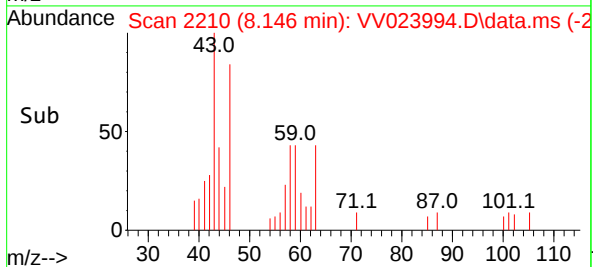
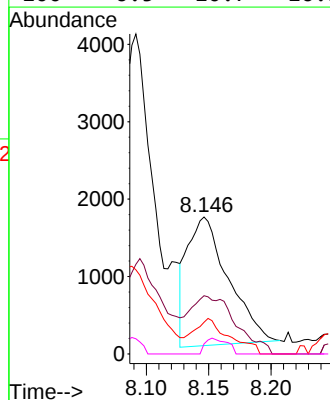
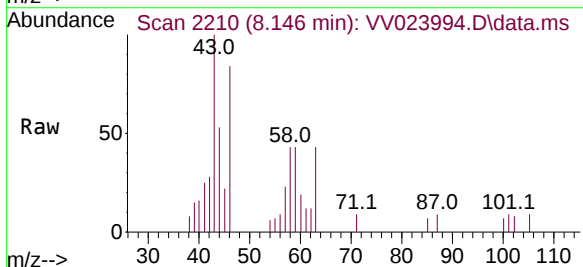
Ion Ratio Lower Upper

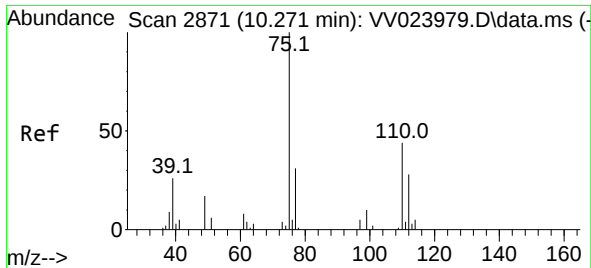
43 100

58 51.9 44.5 66.7

57 23.7 15.1 22.7#

100 6.5 10.7 16.1#

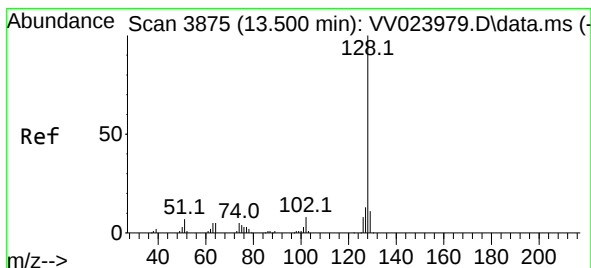
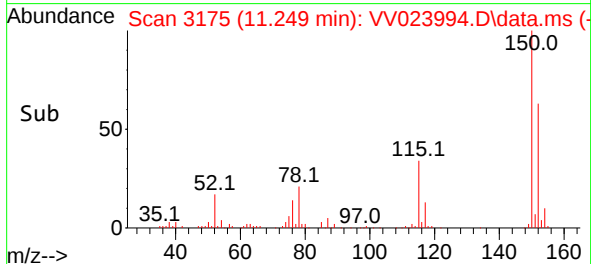
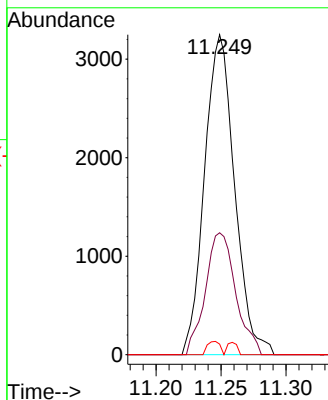
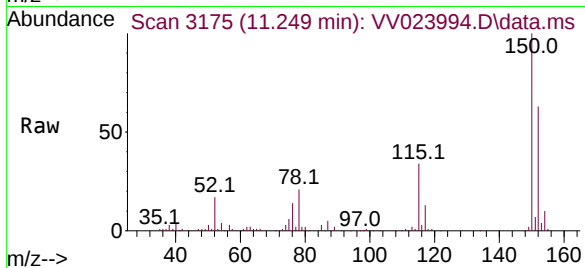




#61
1,2,3-Trichloropropane
Concen: 1.532 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV023994.D
Acq: 15 Dec 2021 20:26

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Tgt Ion: 75 Resp: 5217
Ion Ratio Lower Upper
75 100
77 38.5 26.4 39.6
110 1.8 34.2 51.2#



#71
Naphthalene
Concen: 0.073 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV023994.D
Acq: 15 Dec 2021 20:26

Tgt Ion: 128 Resp: 1017
Ion Ratio Lower Upper
128 100
129 2.0 9.0 13.4#
127 2.0 10.2 15.4#

