

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023991.D
 Acq On : 15 Dec 2021 19:14
 Operator : SY/MD
 Sample : M4971-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3F4

Quant Time: Dec 16 04:52:06 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)

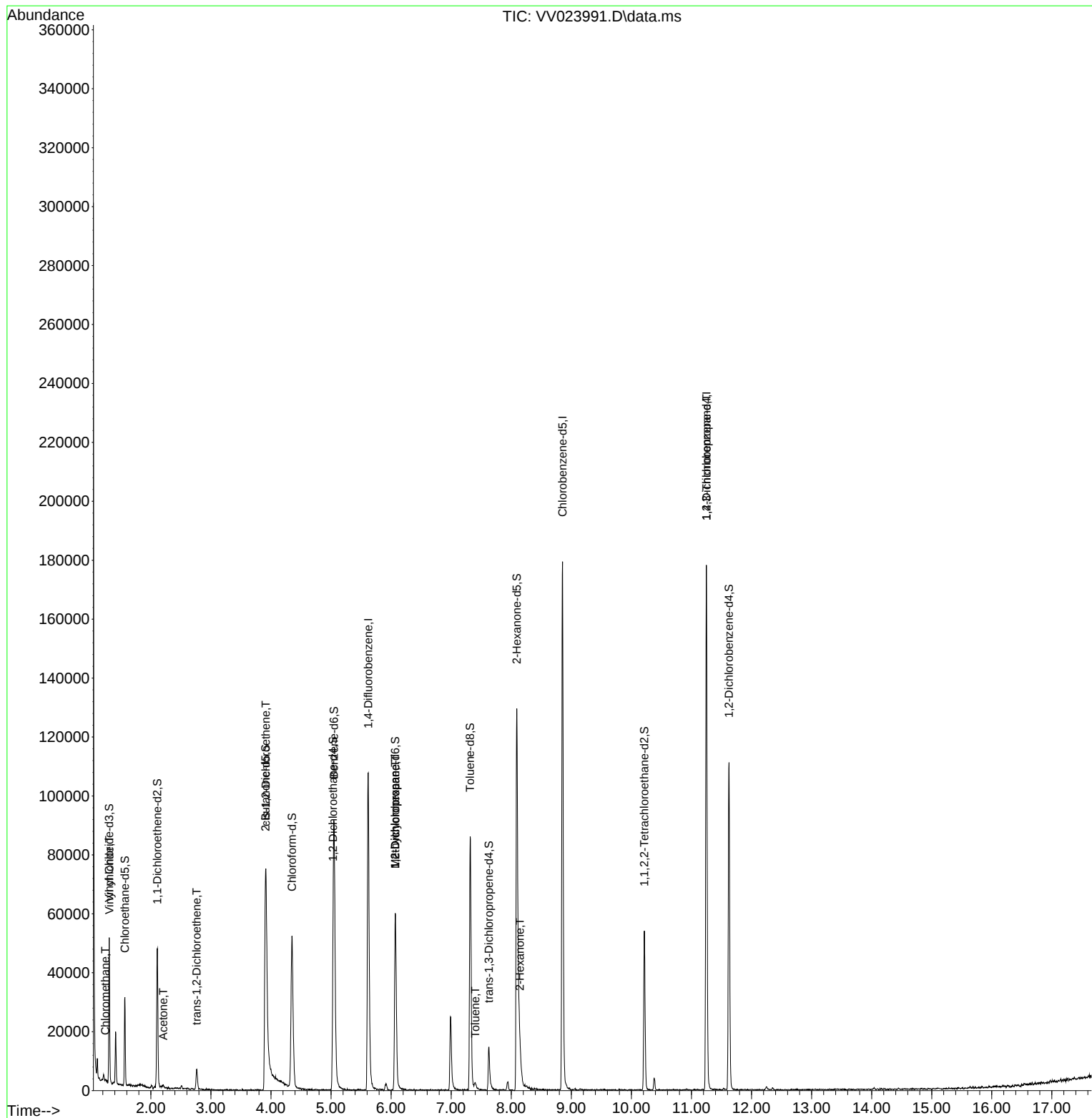
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96156	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50042	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16446	3.182	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.600%	
7) Chloroethane-d5	1.568	69	17208	3.990	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.108	63	24123	2.391	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	47.800%#	
20) 2-Butanone-d5	3.908	46	49282	48.798	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.600%	
24) Chloroform-d	4.349	84	51621	4.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.034	65	26346	4.833	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	5.050	84	79309	3.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	6.069	67	27737	4.534	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.317	98	58330	3.195	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.000%#	
43) trans-1,3-Dichloroprop...	7.629	79	9449	3.723	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.092	63	54707	48.152	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23978	4.725	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	30809	4.609	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	423	0.059	ug/L #	43
5) Vinyl chloride	1.311	62	13767	1.775	ug/L	93
13) Acetone	2.204	43	2560	3.168	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	2730	0.382	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	31409	4.155	ug/L	90
35) Methylcyclohexane	6.069	83	7163	0.596	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	3390	0.492	ug/L #	84
42) Toluene	7.400	91	2176	0.067	ug/L	98
48) 2-Hexanone	8.143	43	2932	1.223	ug/L #	50
61) 1,2,3-Trichloropropane	11.249	75	5022	1.473	ug/L #	62

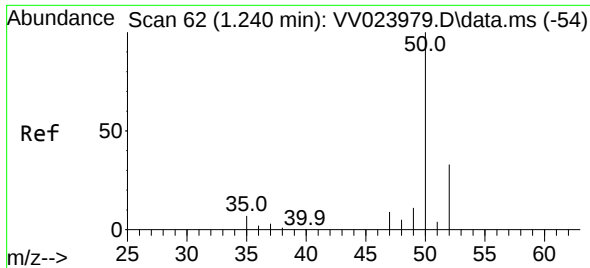
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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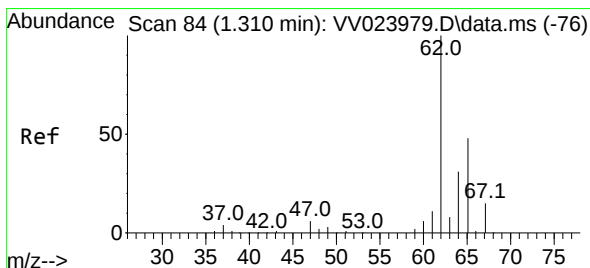
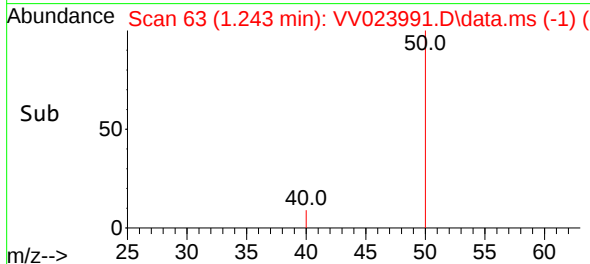
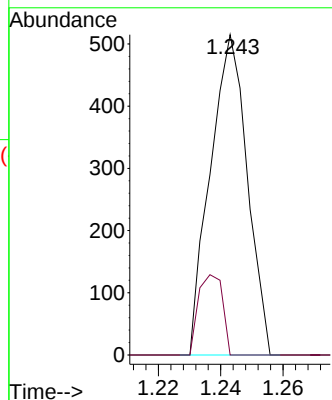
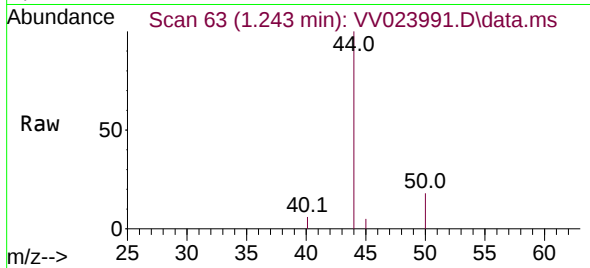




#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023991.D
Acq: 15 Dec 2021 19:14

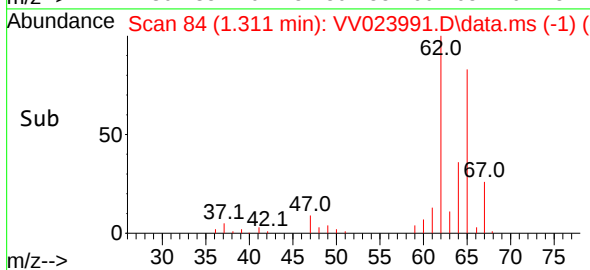
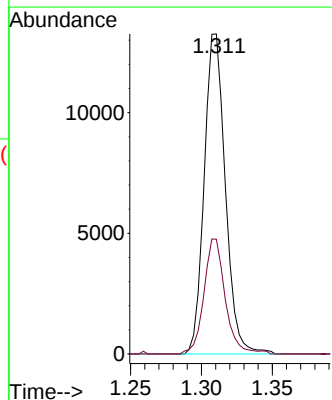
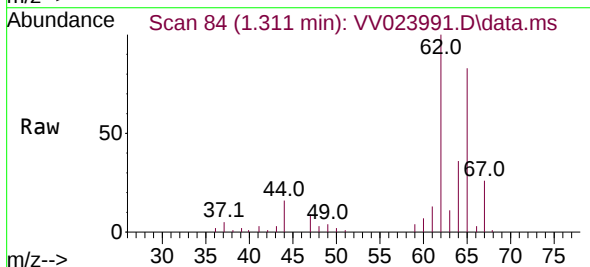
Instrument :
MSVOA_V
ClientSampleId :
BG3F4

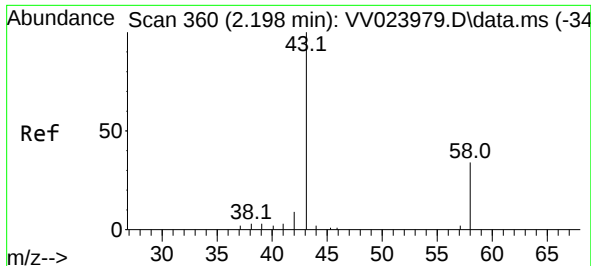
Tgt Ion: 50 Resp: 423
Ion Ratio Lower Upper
50 100
52 0.0 22.0 41.0#



#5
Vinyl chloride
Concen: 1.775 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023991.D
Acq: 15 Dec 2021 19:14

Tgt Ion: 62 Resp: 13767
Ion Ratio Lower Upper
62 100
64 35.8 22.4 41.6





#13

Acetone

Concen: 3.168 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV023991.D

Acq: 15 Dec 2021 19:14

Instrument :

MSVOA_V

ClientSampleId :

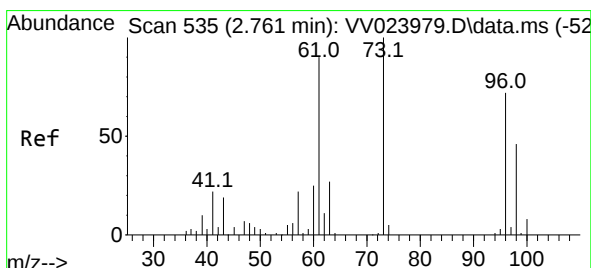
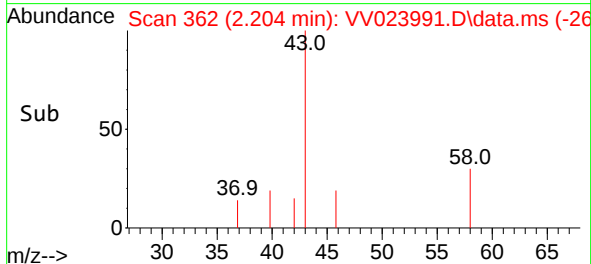
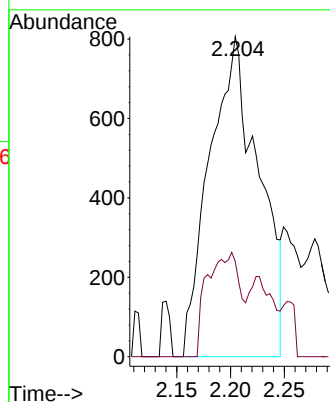
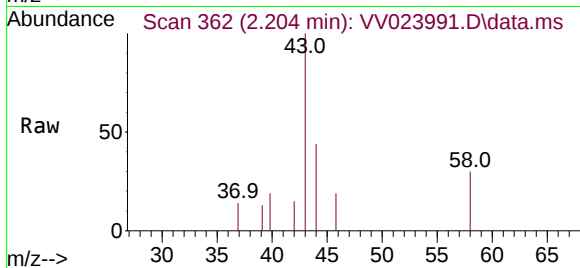
BG3F4

Tgt Ion: 43 Resp: 2560

Ion Ratio Lower Upper

43 100

58 21.9 0.0 41.4



#18

trans-1,2-Dichloroethene

Concen: 0.382 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.000 min

Lab File: VV023991.D

Acq: 15 Dec 2021 19:14

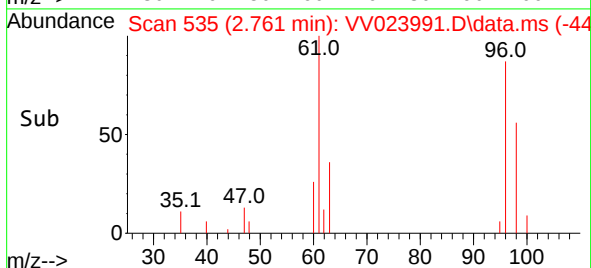
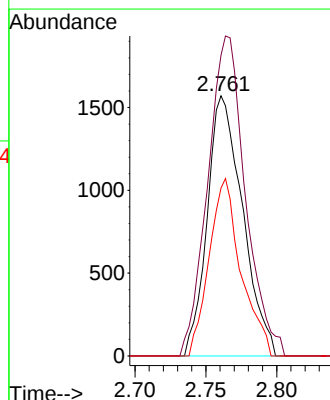
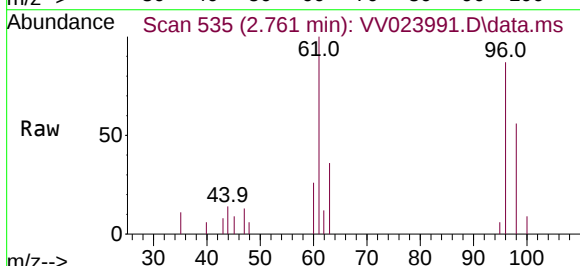
Tgt Ion: 96 Resp: 2730

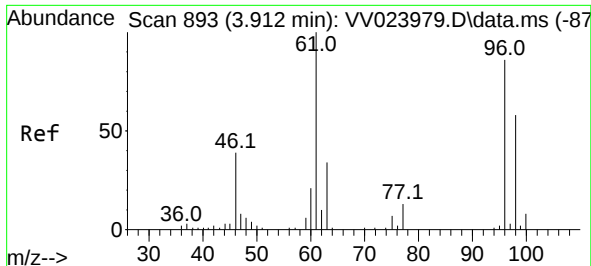
Ion Ratio Lower Upper

96 100

61 115.5 88.2 163.8

98 64.5 44.9 83.5

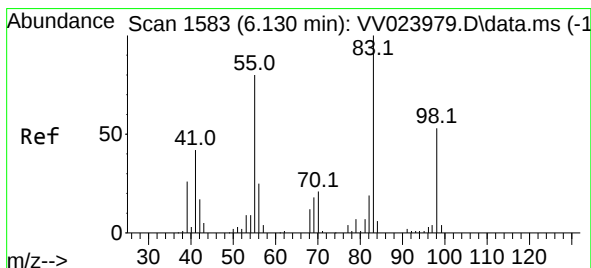
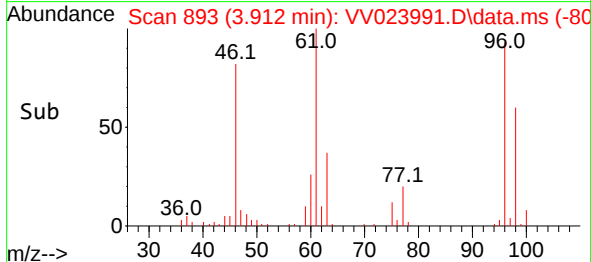
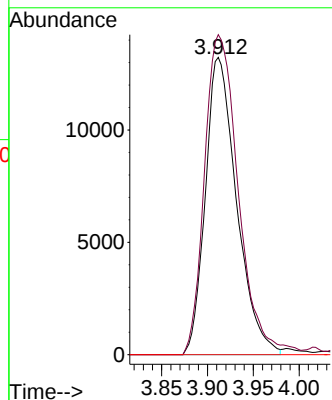
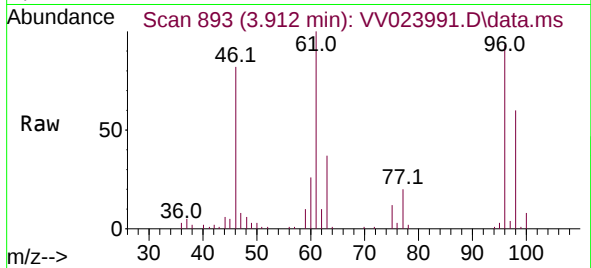




#22
 cis-1,2-Dichloroethene
 Concen: 4.155 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV023991.D
 Acq: 15 Dec 2021 19:14

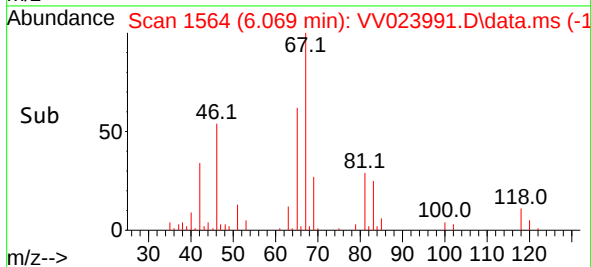
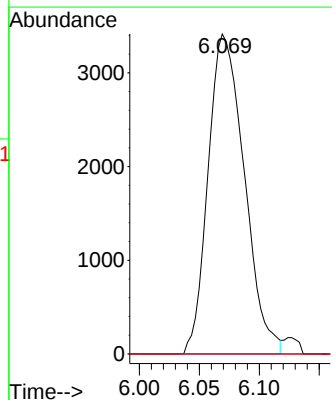
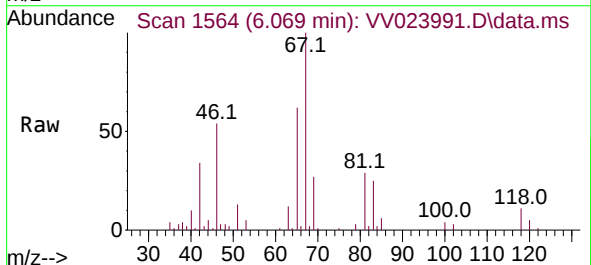
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3F4

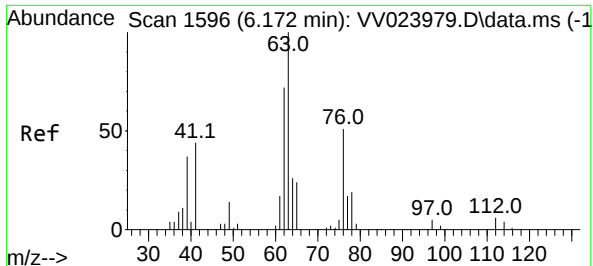
Tgt Ion: 96 Resp: 31409
 Ion Ratio Lower Upper
 96 100
 61 107.7 83.4 154.8
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 0.596 ug/L
 RT: 6.069 min Scan# 1564
 Delta R.T. -0.061 min
 Lab File: VV023991.D
 Acq: 15 Dec 2021 19:14

Tgt Ion: 83 Resp: 7163
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.2 90.2#
 98 1.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023991.D

Acq: 15 Dec 2021 19:14

Instrument :

MSVOA_V

ClientSampleId :

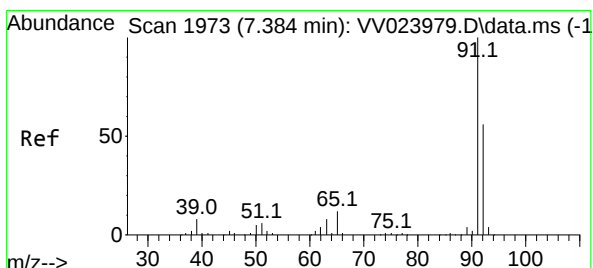
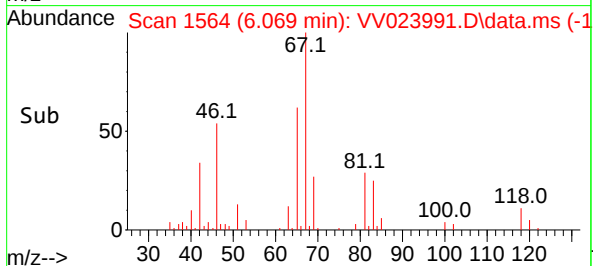
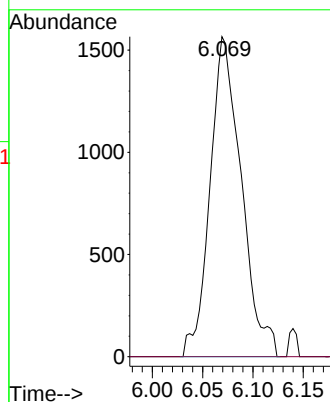
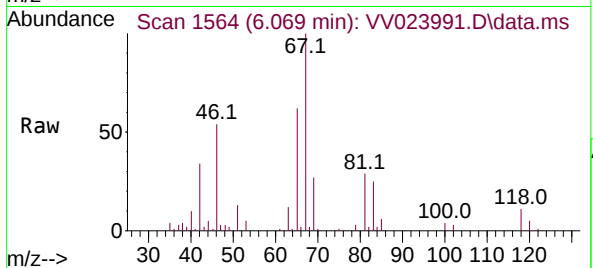
BG3F4

Tgt Ion: 63 Resp: 3390

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.067 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV023991.D

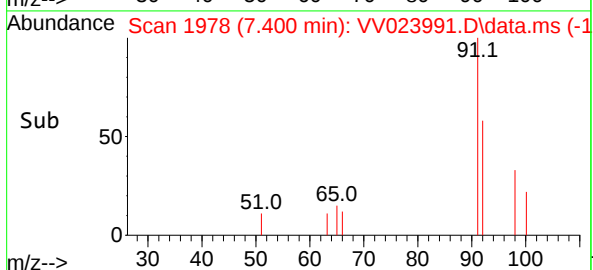
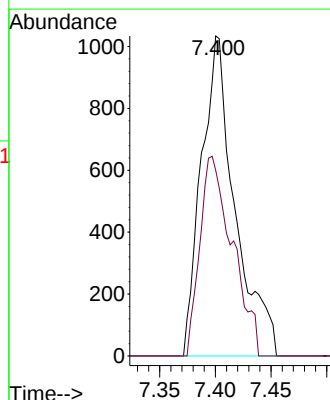
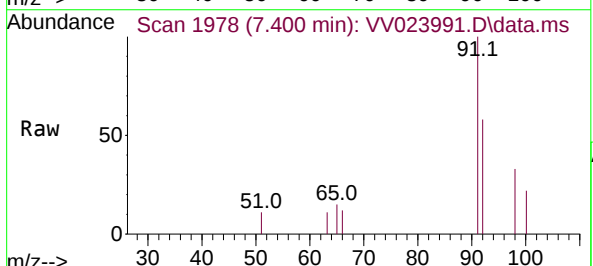
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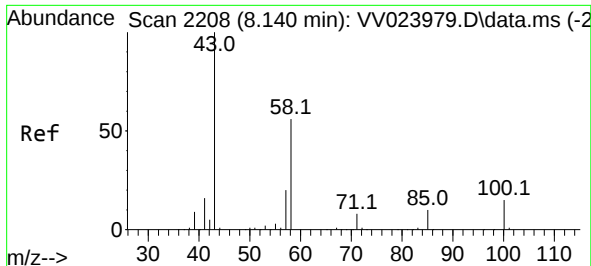
Tgt Ion: 91 Resp: 2176

Ion Ratio Lower Upper

91 100

92 58.0 41.5 77.1

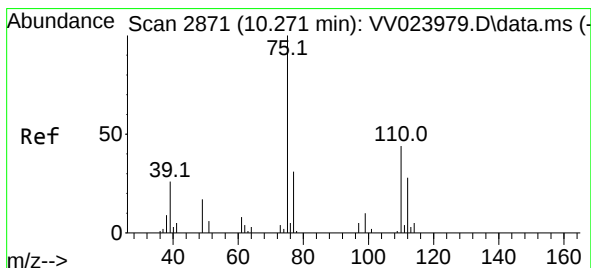
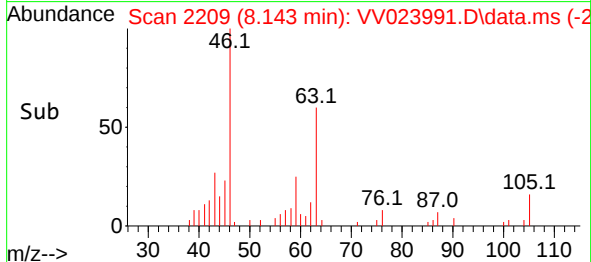
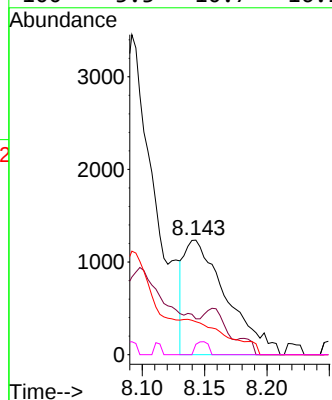
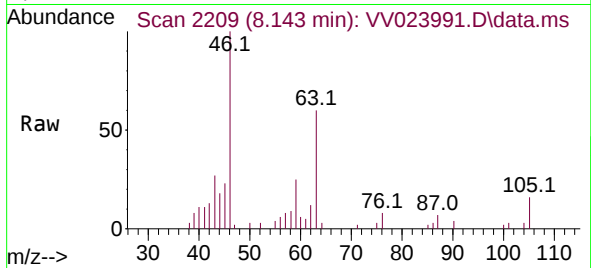




#48
2-Hexanone
Concen: 1.223 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023991.D
Acq: 15 Dec 2021 19:14

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Tgt Ion:	43	Resp:	2932
Ion	Ratio	Lower	Upper
43	100		
58	13.0	44.5	66.7#
57	0.0	15.1	22.7#
100	3.3	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 1.473 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV023991.D
Acq: 15 Dec 2021 19:14

Tgt Ion:	75	Resp:	5022
Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.4	39.6
110	0.4	34.2	51.2#

