

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029252.D
 Acq On : 21 Nov 2022 03:00
 Operator : SY/MD
 Sample : N5725-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 03:57:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 03:37:08 2022
 Response via : Initial Calibration

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

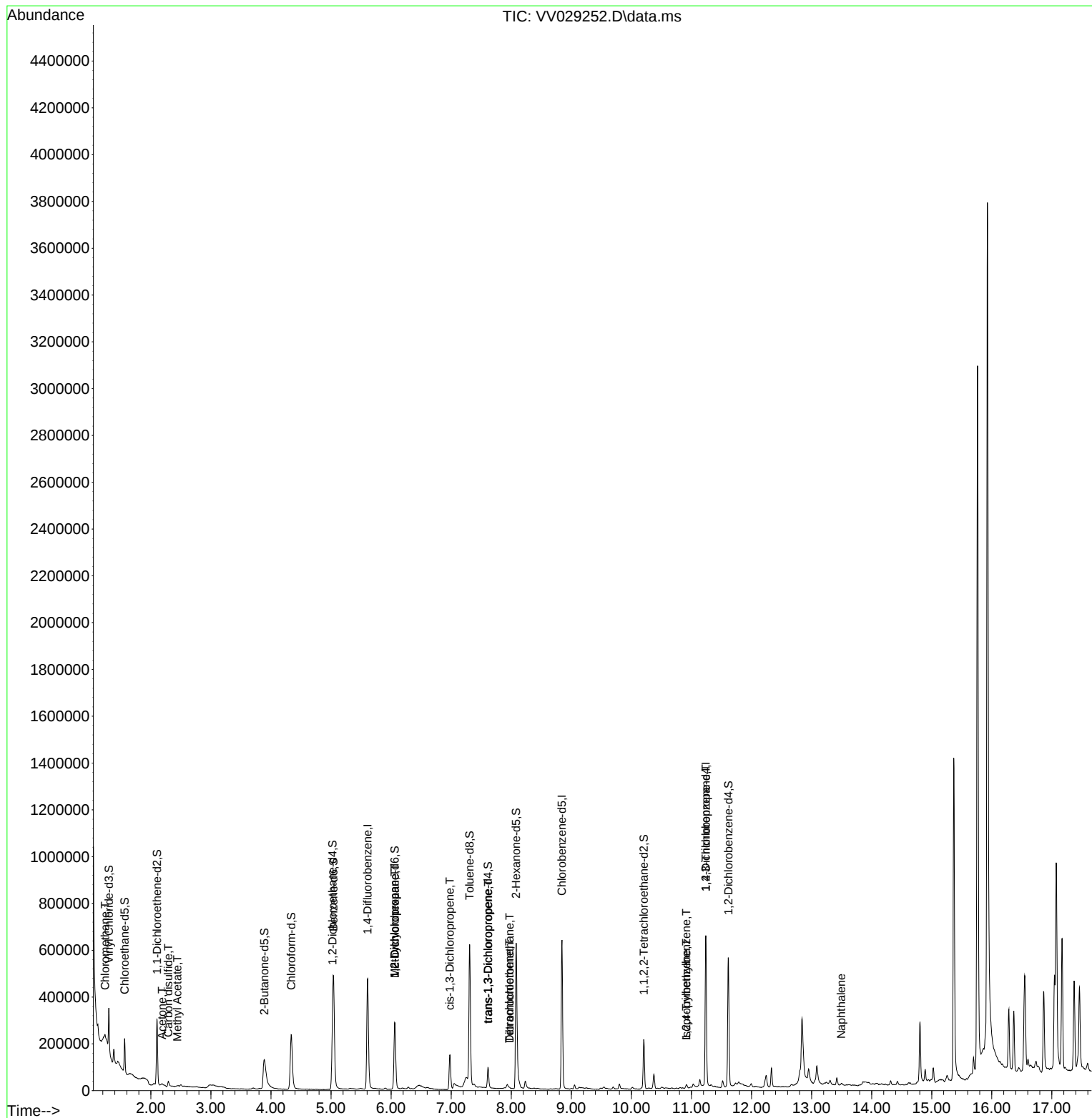
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	432263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	365092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	174373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	114620	4.349	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.000%	
7) Chloroethane-d5	1.564	69	106075	4.579	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.101	63	147186	3.065	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.200%	
20) 2-Butanone-d5	3.889	46	276860	62.761	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.520%	
24) Chloroform-d	4.336	84	231164	4.273	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	5.024	65	105264	4.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
32) Benzene-d6	5.040	84	482051	4.423	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6	6.059	67	150091	4.932	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.307	98	408619	4.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	7.612	79	52537	5.294	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.800%	
46) 2-Hexanone-d5	8.082	63	219259	51.757	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.520%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	105378	4.995	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	11.615	152	148306	4.754	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	15831	0.529	ug/L	98
13) Acetone	2.188	43	19869	7.002	ug/L	90
14) Carbon disulfide	2.291	76	36598	0.394	ug/L	100
15) Methyl Acetate	2.439	43	2049	0.298	ug/L	99
35) Methylcyclohexane	6.059	83	35756	0.712	ug/L #	22
37) 1,2-Dichloropropane	6.059	63	15313	0.595	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	3162	0.088	ug/L #	45
44) trans-1,3-Dichloropropene	7.616	75	2164	0.078	ug/L #	55
47) Tetrachloroethene	7.969	164	1235	0.054	ug/L	82
49) Dibromochloromethane	7.972	129	1035	0.051	ug/L #	10
60) Isopropylbenzene	10.914	105	6551	0.058	ug/L #	7
61) 1,2,3-Trichloropropane	11.239	75	19628	1.647	ug/L #	66
63) 1,2,4-Trimethylbenzene	10.914	105	6551	0.068	ug/L #	32
71) Naphthalene	13.493	128	3780	0.094	ug/L #	74

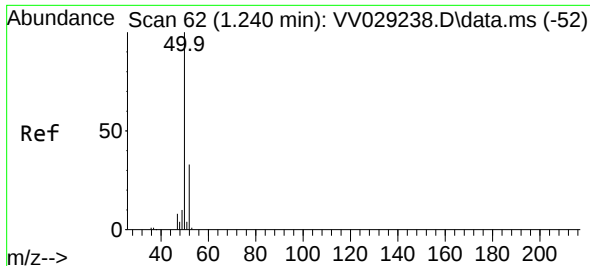
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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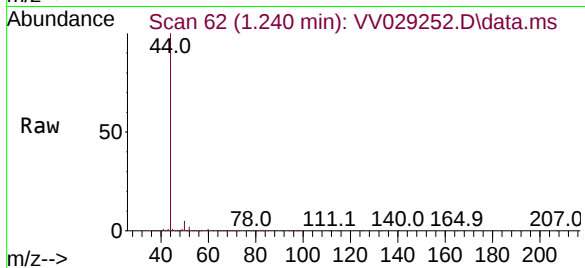
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
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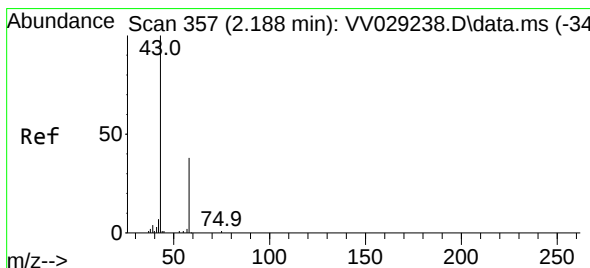
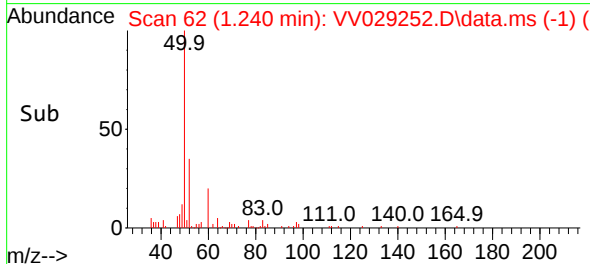
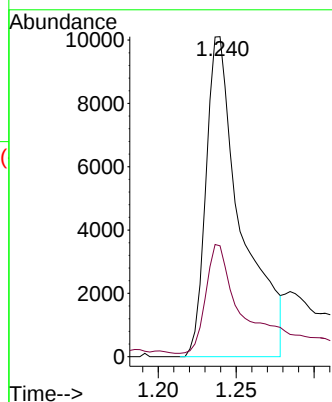


#3
Chloromethane
Concen: 0.529 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029252.D
Acq: 21 Nov 2022 03:00

Instrument :
MSVOA_V
ClientSampleId :

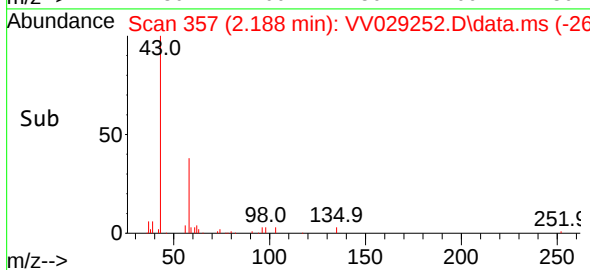
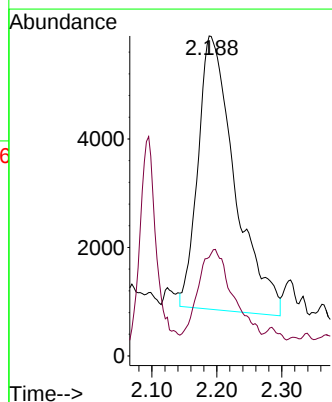
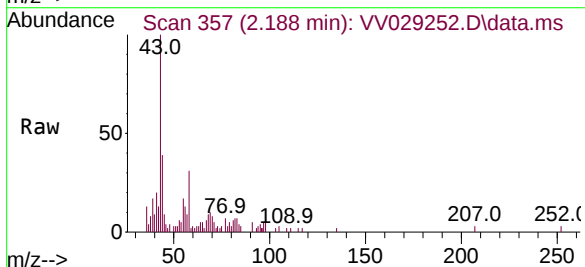


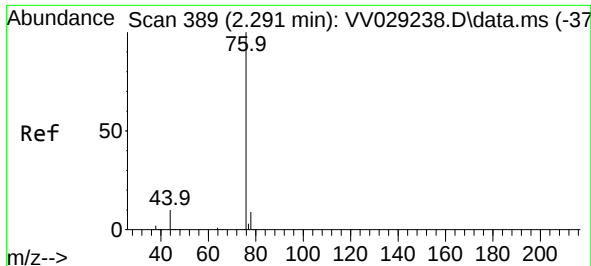
Tgt Ion: 50 Resp: 15831
Ion Ratio Lower Upper
50 100
52 34.7 23.7 43.9



#13
Acetone
Concen: 7.002 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.000 min
Lab File: VV029252.D
Acq: 21 Nov 2022 03:00

Tgt Ion: 43 Resp: 19869
Ion Ratio Lower Upper
43 100
58 33.7 0.0 56.6

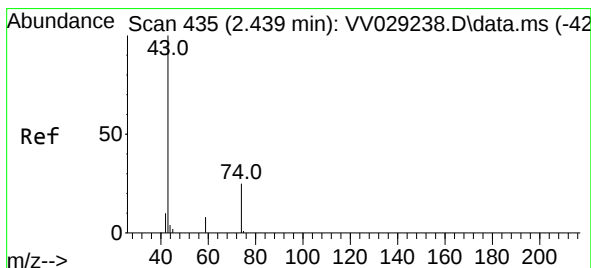
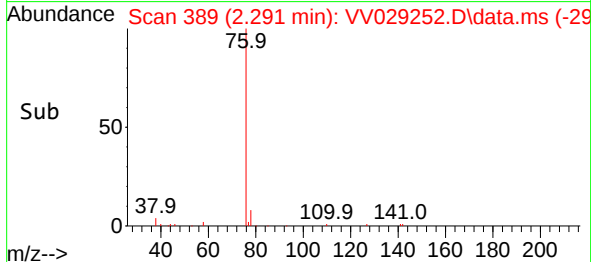
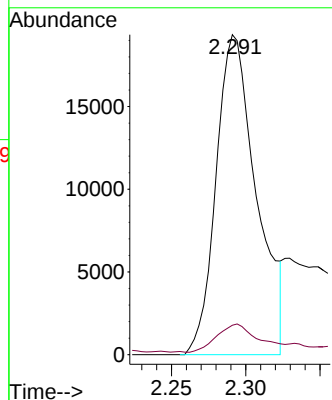
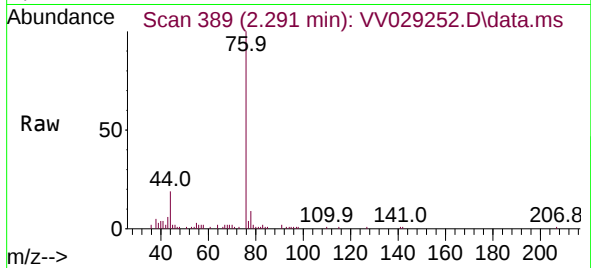




#14
Carbon disulfide
Concen: 0.394 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV029252.D
Acq: 21 Nov 2022 03:00

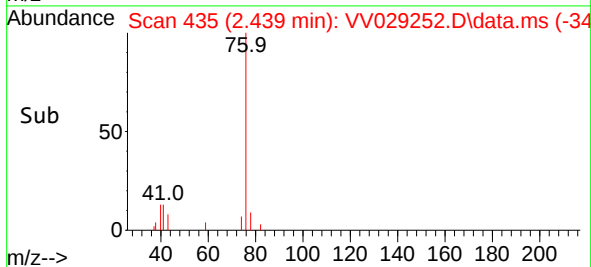
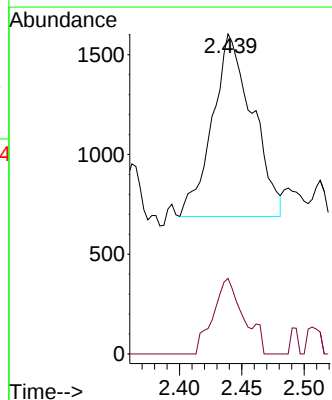
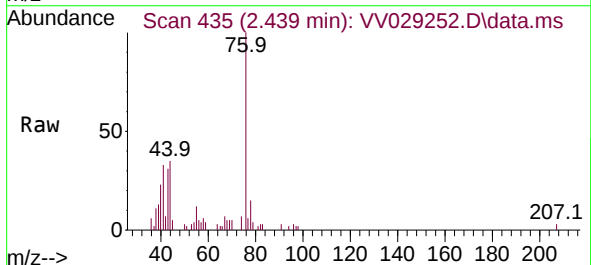
Instrument :
MSVOA_V
ClientSampleId :

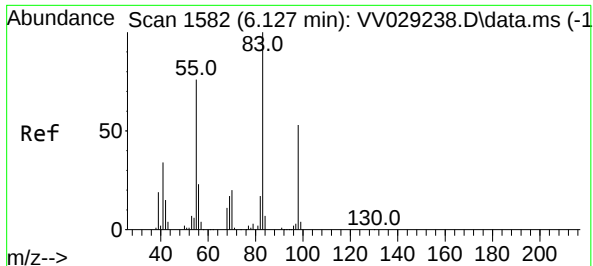
Tgt Ion: 76 Resp: 36598
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#15
Methyl Acetate
Concen: 0.298 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV029252.D
Acq: 21 Nov 2022 03:00

Tgt Ion: 43 Resp: 2049
Ion Ratio Lower Upper
43 100
74 31.5 24.6 37.0

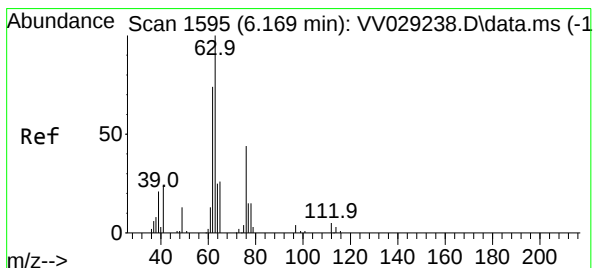
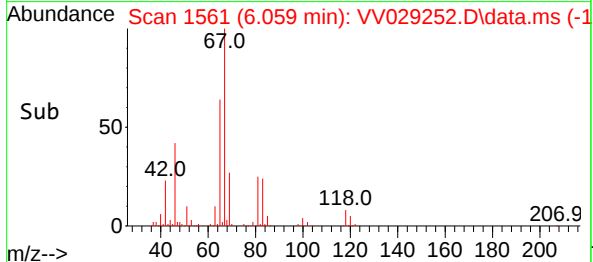
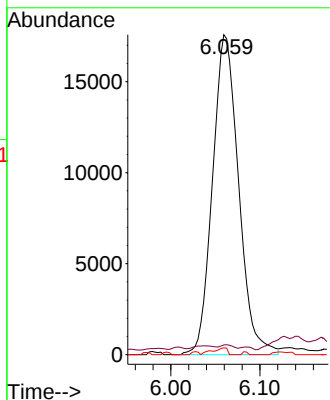
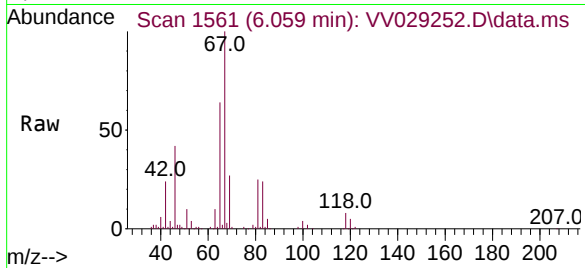




#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.068 min
Lab File: VV029252.D
Acq: 21 Nov 2022 03:00

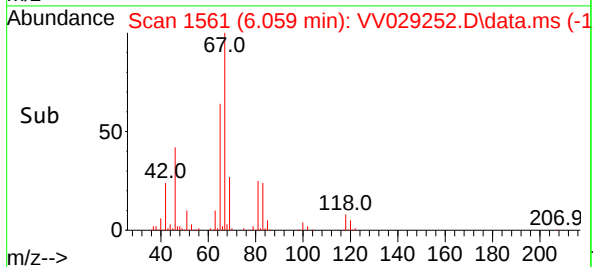
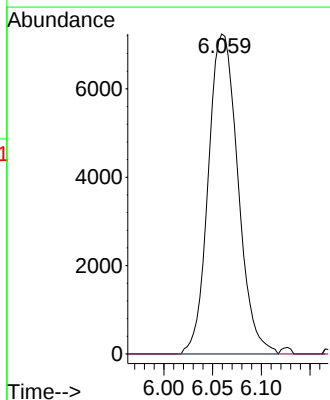
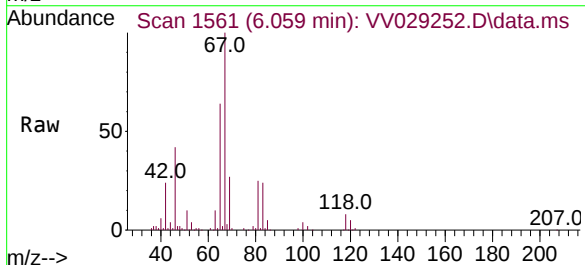
Instrument :
MSVOA_V
ClientSampleId :

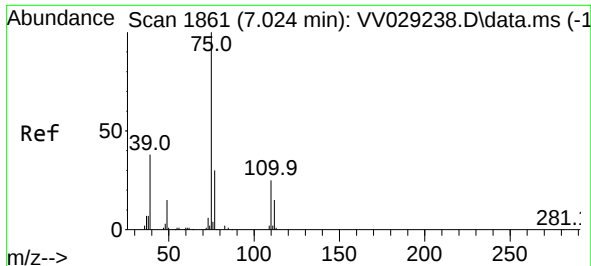
Tgt Ion: 83 Resp: 35756
Ion Ratio Lower Upper
83 100
55 0.8 55.8 83.6#
98 1.2 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.110 min
Lab File: VV029252.D
Acq: 21 Nov 2022 03:00

Tgt Ion: 63 Resp: 15313
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV029252.D

Acq: 21 Nov 2022 03:00

Instrument :

MSVOA_V

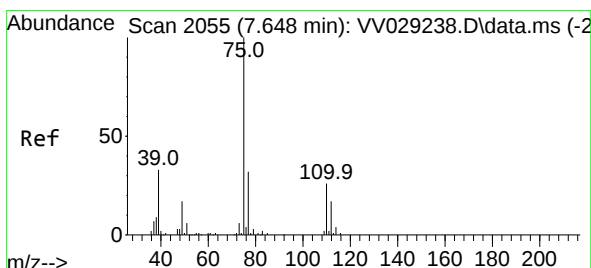
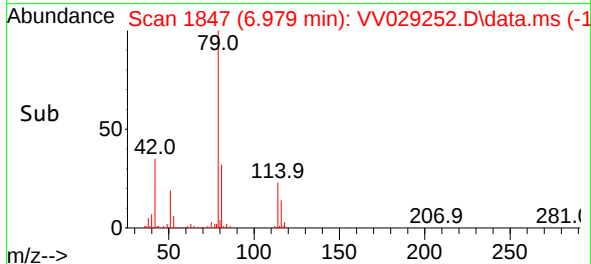
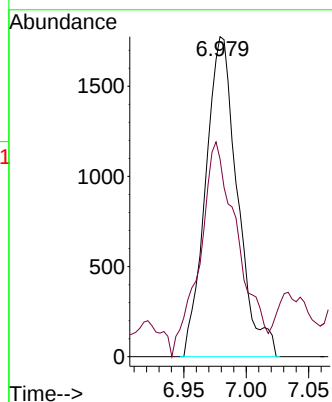
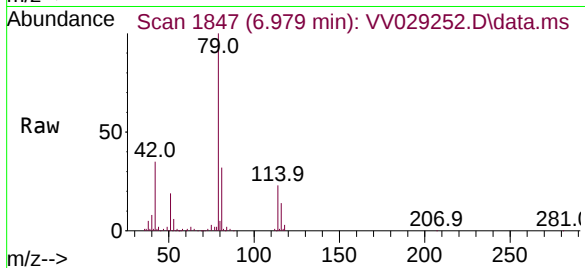
ClientSampleId :

Tgt Ion: 75 Resp: 3162

Ion Ratio Lower Upper

75 100

77 61.7 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.032 min

Lab File: VV029252.D

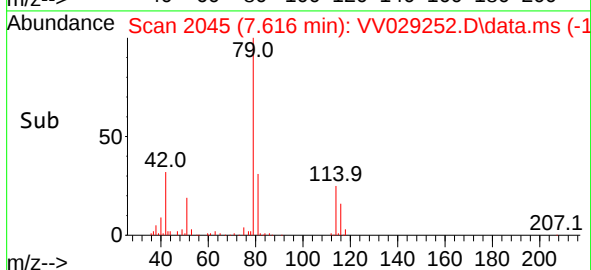
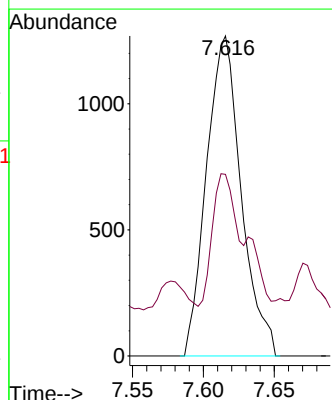
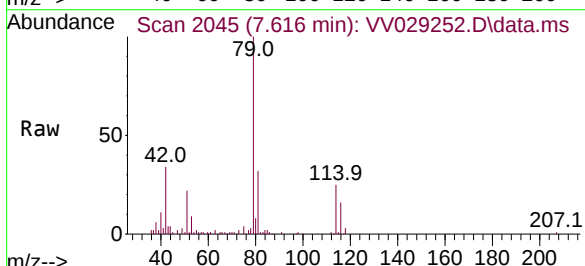
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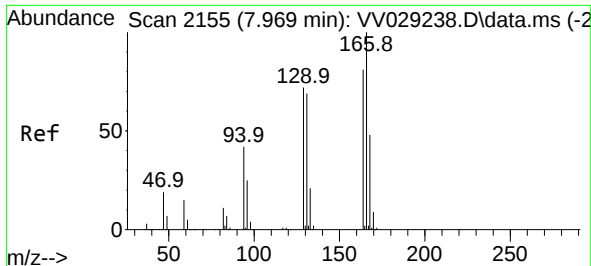
Tgt Ion: 75 Resp: 2164

Ion Ratio Lower Upper

75 100

77 56.7 22.2 41.2#





#47

Tetrachloroethene

Concen: 0.054 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

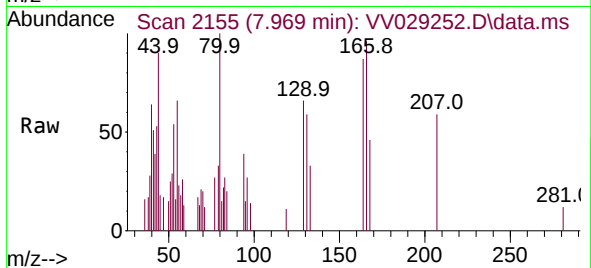
Lab File: VV029252.D

Acq: 21 Nov 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1235

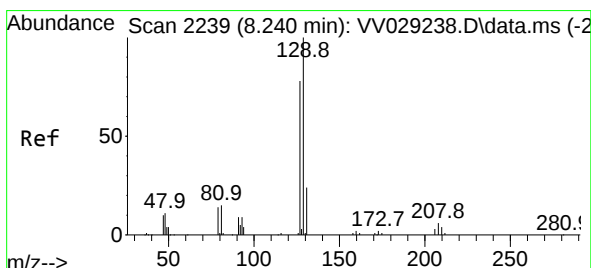
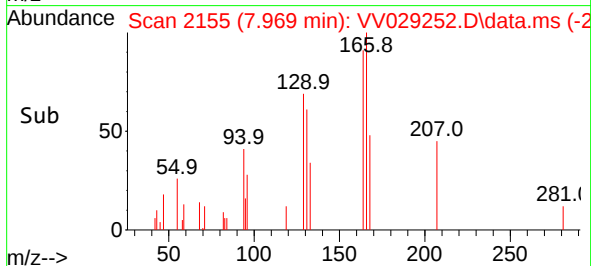
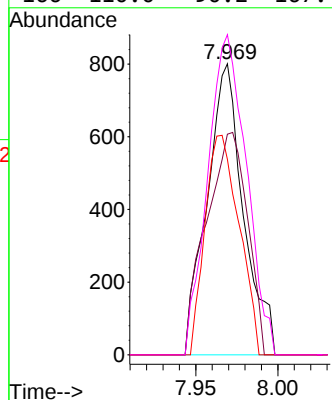
Ion Ratio Lower Upper

164 100

129 75.8 63.9 118.7

131 67.2 61.8 114.8

166 110.0 90.2 167.4



#49

Dibromochloromethane

Concen: 0.051 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV029252.D

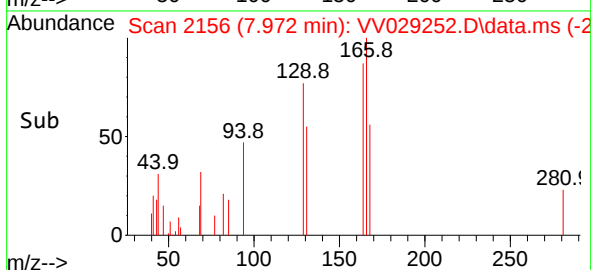
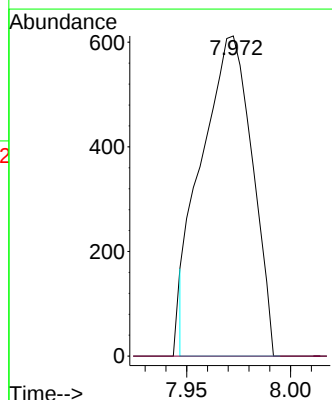
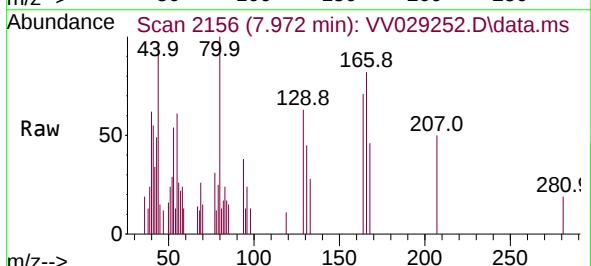
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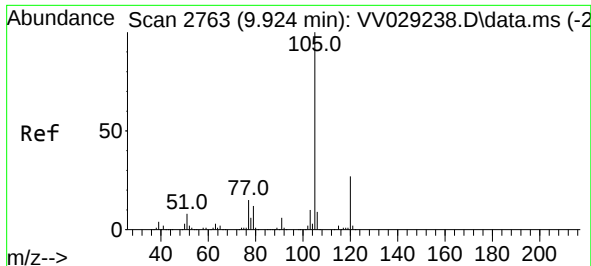
Tgt Ion:129 Resp: 1035

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#

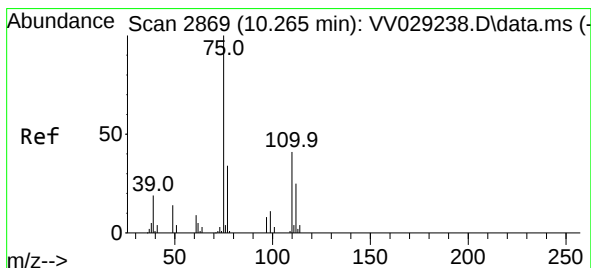
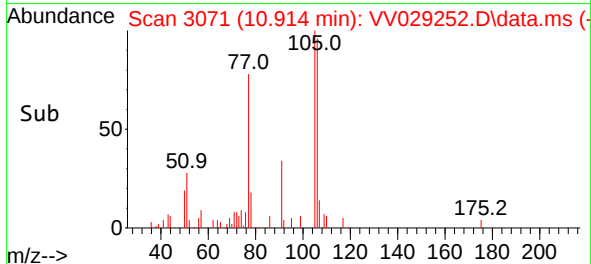
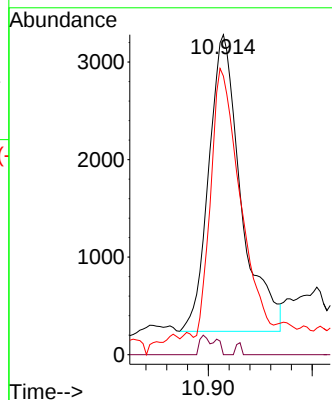
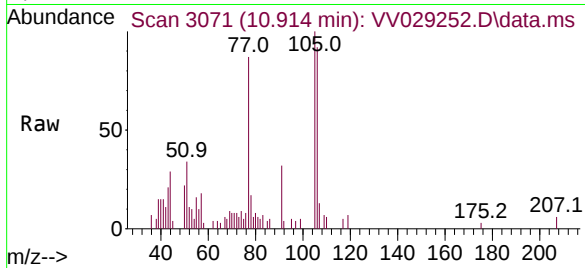




#60
Isopropylbenzene
Concen: 0.058 ug/L
RT: 10.914 min Scan# 3171
Delta R.T. 0.990 min
Lab File: VV029252.D
Acq: 21 Nov 2022 03:00

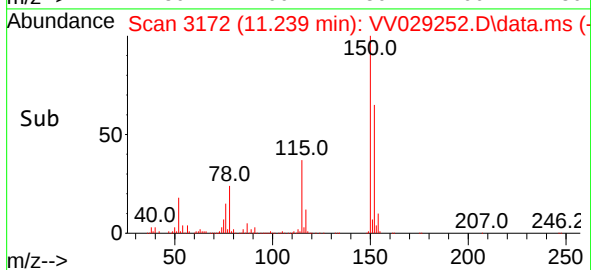
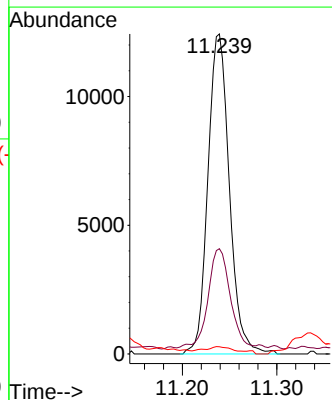
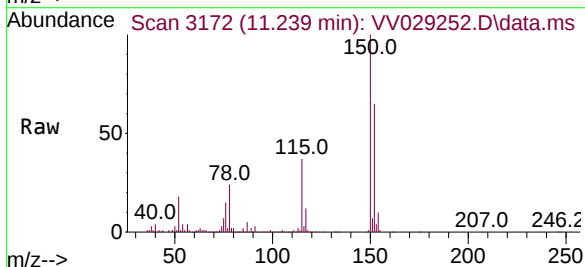
Instrument :
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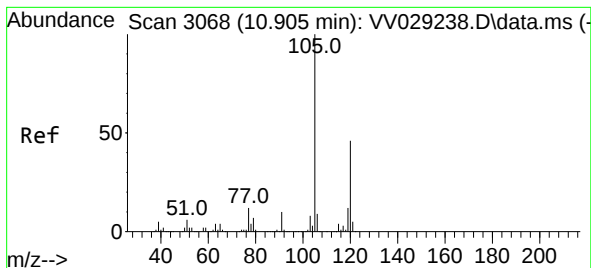
Tgt Ion:105 Resp: 6551
Ion Ratio Lower Upper
105 100
120 0.0 21.3 31.9#
77 84.0 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 1.647 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029252.D
Acq: 21 Nov 2022 03:00

Tgt Ion: 75 Resp: 19628
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 3.2 32.6 48.8#





#63

1,2,4-Trimethylbenzene

Concen: 0.068 ug/L

RT: 10.914 min Scan# 3068

Delta R.T. 0.009 min

Lab File: VV029252.D

Acq: 21 Nov 2022 03:00

Instrument :

MSVOA_V

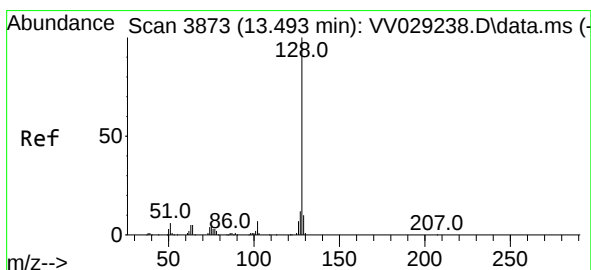
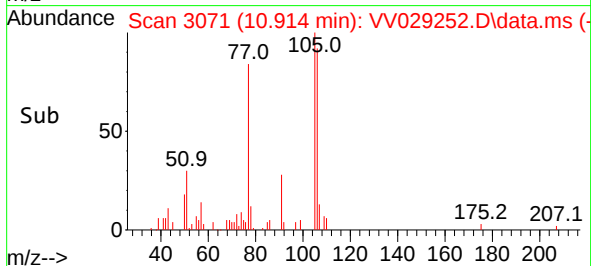
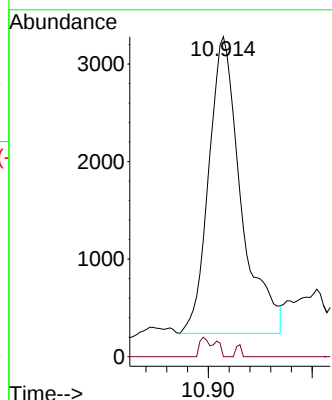
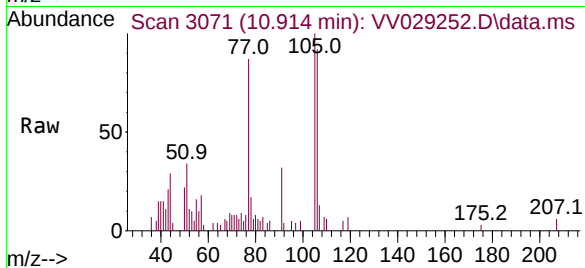
ClientSampleId :

Tgt Ion:105 Resp: 6551

Ion Ratio Lower Upper

105 100

120 1.9 37.8 56.8#



#71

Naphthalene

Concen: 0.094 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV029252.D

Acq: 21 Nov 2022 03:00

Tgt Ion:128 Resp: 3780

Ion Ratio Lower Upper

128 100

129 23.2 8.8 13.2#

127 20.6 9.8 14.8#

