

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029824.D
 Acq On : 13 Jan 2023 21:52
 Operator : SY/MD
 Sample : 01136-14 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC7

Quant Time: Jan 14 01:08:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	197006	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	191892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	102894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70488	4.717	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.564	69	64564	5.212	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.105	63	94703	3.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	3.889	46	138166	52.168	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.340%
24) Chloroform-d	4.339	84	143195	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.024	65	63046	5.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.043	84	294470	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.063	67	90725	5.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.307	98	252270	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.616	79	25664	4.218	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.085	63	131375	53.040	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.080%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66745	5.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	99632	5.326	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2791	0.145	ug/L	90
6) Bromomethane	1.523	94	891	0.097	ug/L	94
12) 1,1-Dichloroethene	2.111	96	1878	0.112	ug/L #	1
14) Carbon disulfide	2.291	76	4841	0.100	ug/L #	87
16) Methylene chloride	2.503	84	35464	1.697	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	859	0.030	ug/L #	91
19) 1,1-Dichloroethane	3.182	63	4915	0.188	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	963	0.058	ug/L #	37
34) Trichloroethene	5.912	95	4240	0.264	ug/L	97
35) Methylcyclohexane	6.063	83	21935	0.808	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	9130	0.614	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1867	0.094	ug/L #	48
44) trans-1,3-Dichloropropene	7.609	75	1196	0.074	ug/L #	66
49) Dibromochloromethane	7.973	129	539	0.043	ug/L #	11
53) m,p-Xylene	9.130	106	890	0.031	ug/L	94
61) 1,2,3-Trichloropropane	11.236	75	11495	1.509	ug/L #	66

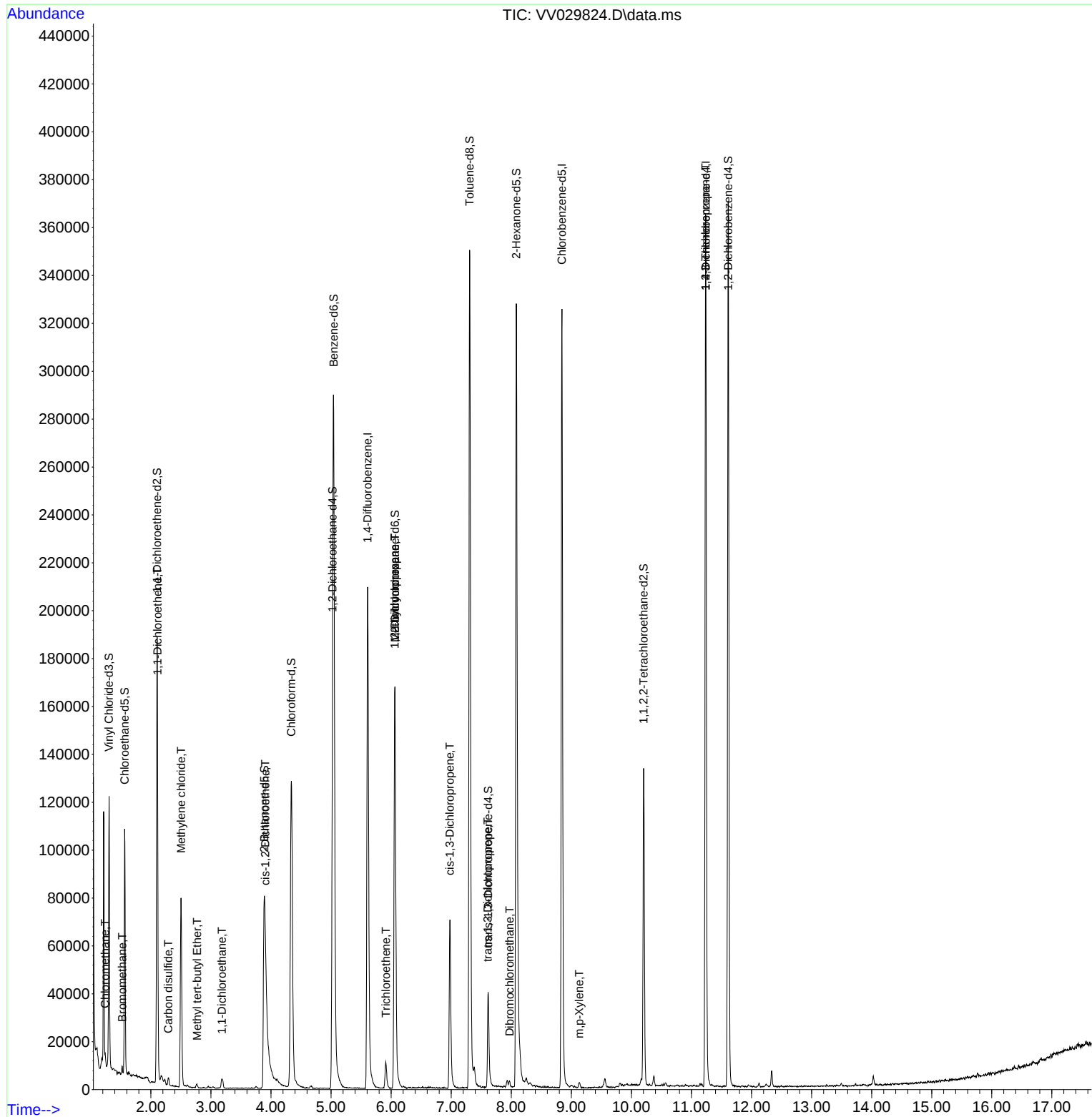
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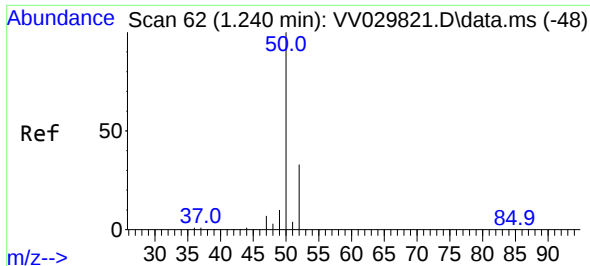
Instrument :
MSVOA_V
ClientSampleId :
BGJC7

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
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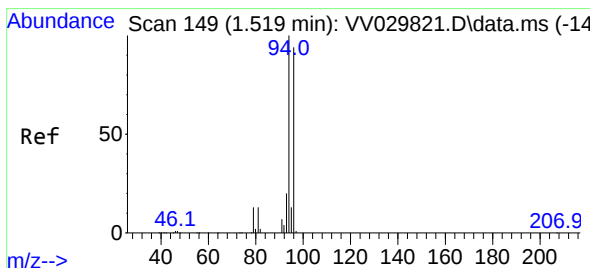
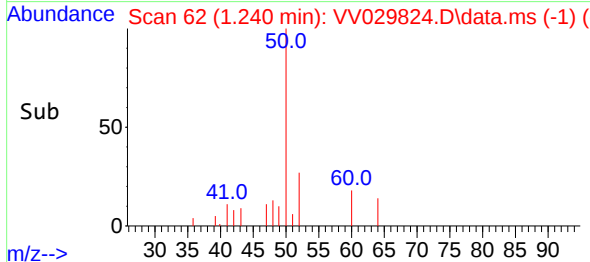
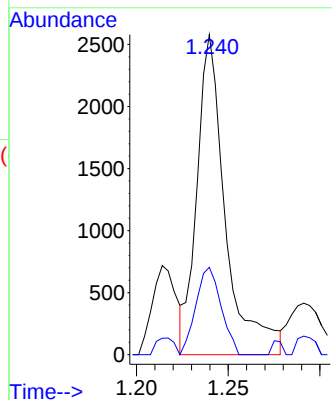
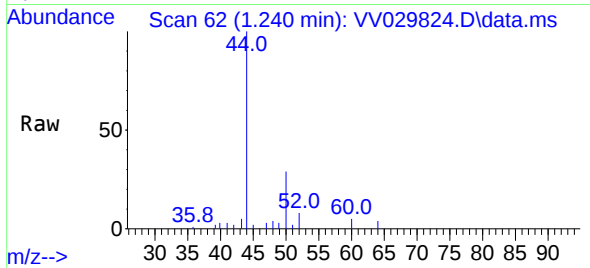




#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

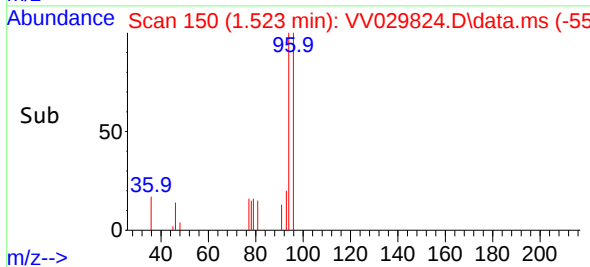
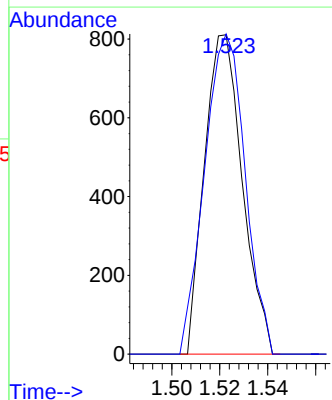
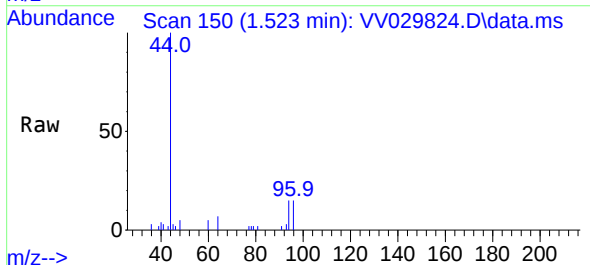
Instrument :
MSVOA_V
ClientSampleId :
BGJC7

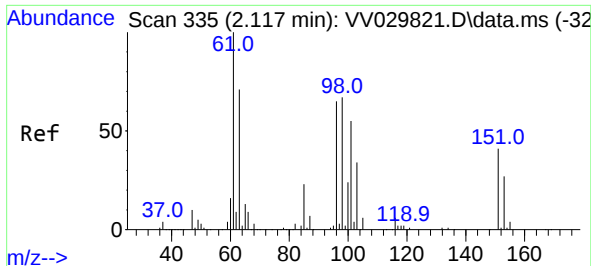
Tgt Ion: 50 Resp: 2791
Ion Ratio Lower Upper
50 100
52 27.3 23.1 42.9



#6
Bromomethane
Concen: 0.097 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

Tgt Ion: 94 Resp: 891
Ion Ratio Lower Upper
94 100
96 100.2 65.9 122.5





#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029824.D

Acq: 13 Jan 2023 21:52

Instrument :

MSVOA_V

ClientSampleId :

BGJC7

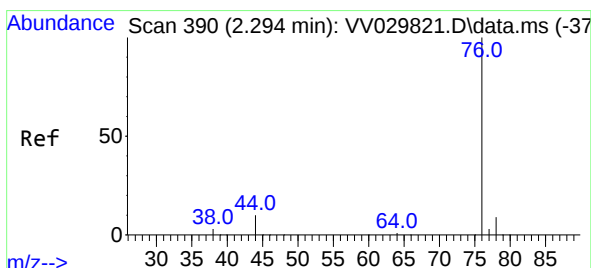
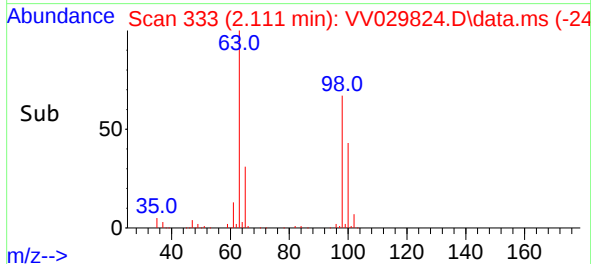
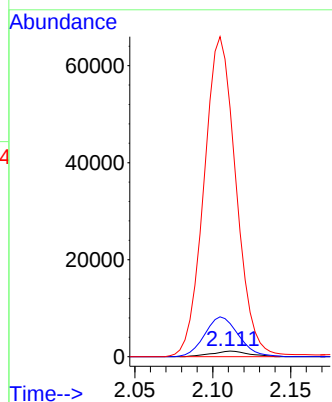
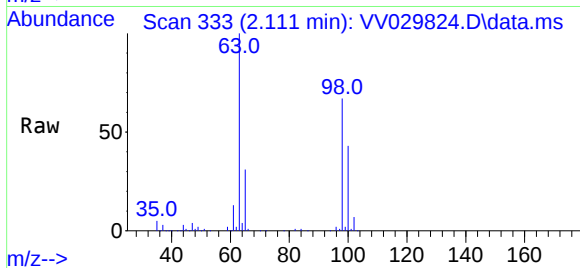
Tgt Ion: 96 Resp: 1878

Ion Ratio Lower Upper

96 100

61 594.7 106.1 197.1#

63 4467.0 76.4 141.8#



#14

Carbon disulfide

Concen: 0.100 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV029824.D

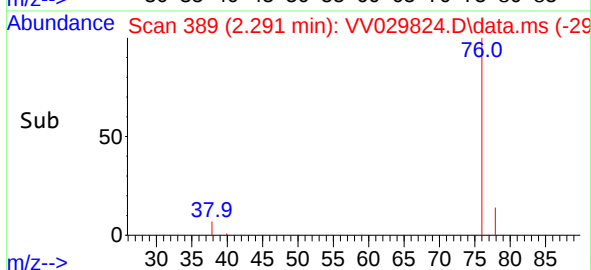
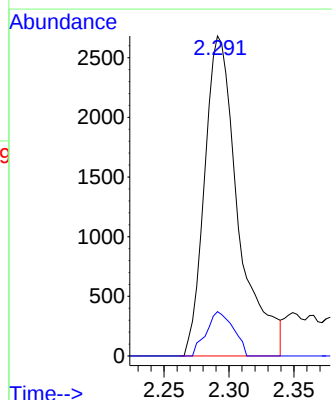
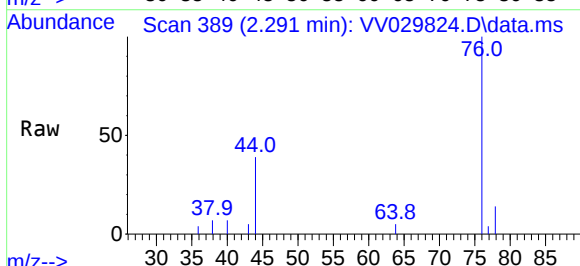
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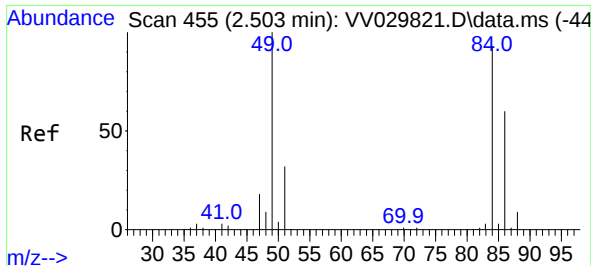
Tgt Ion: 76 Resp: 4841

Ion Ratio Lower Upper

76 100

78 13.9 7.4 11.0#

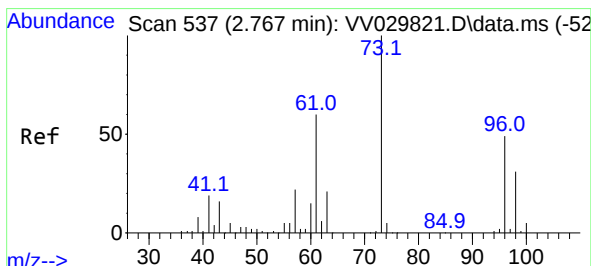
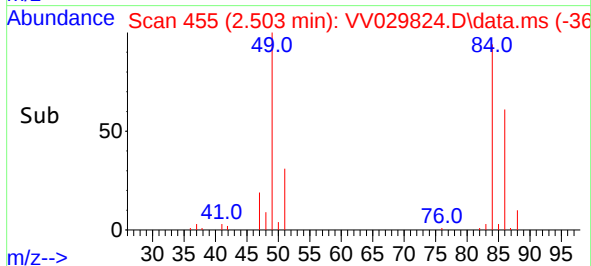
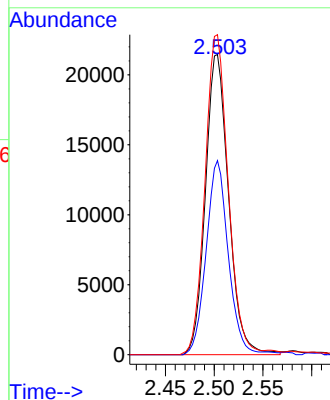
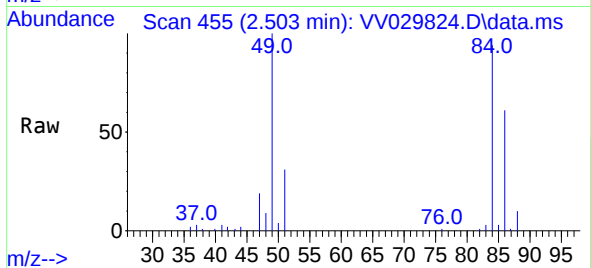




#16
Methylene chloride
Concen: 1.697 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

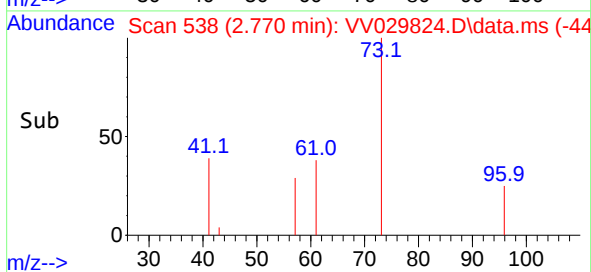
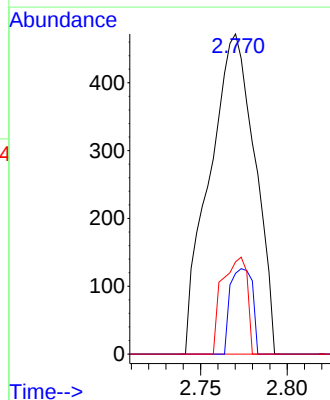
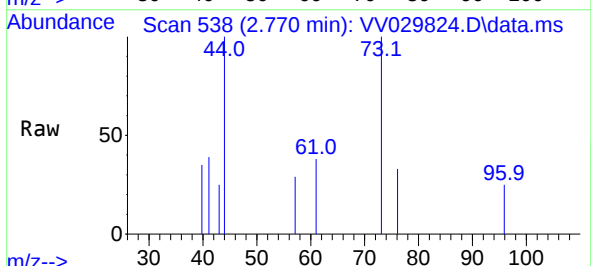
Instrument :
MSVOA_V
ClientSampleId :
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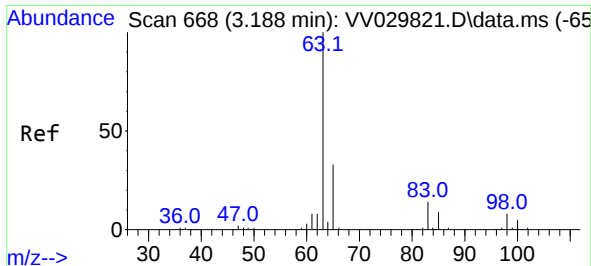
Tgt Ion:	84	Resp:	35464
Ion	Ratio	Lower	Upper
84	100		
86	64.6	45.0	83.6
49	106.6	71.5	132.7



#17
Methyl tert-butyl Ether
Concen: 0.030 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.010 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

Tgt Ion:	73	Resp:	859
Ion	Ratio	Lower	Upper
73	100		
43	12.9	13.0	19.4#
57	16.6	17.1	25.7#

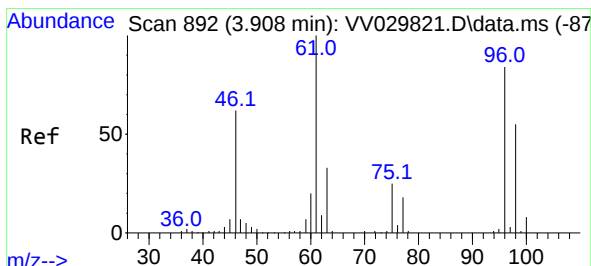
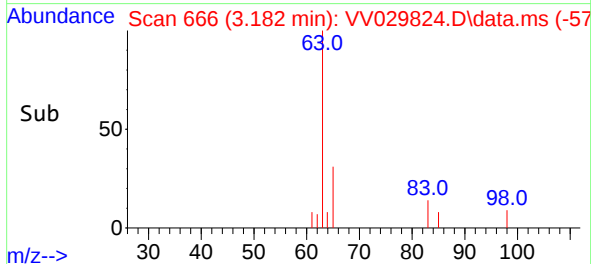
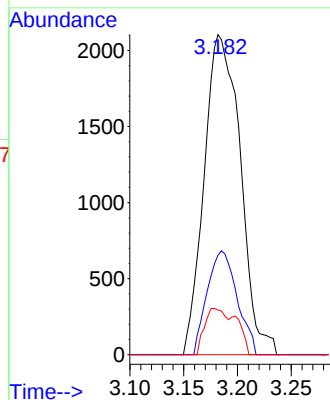
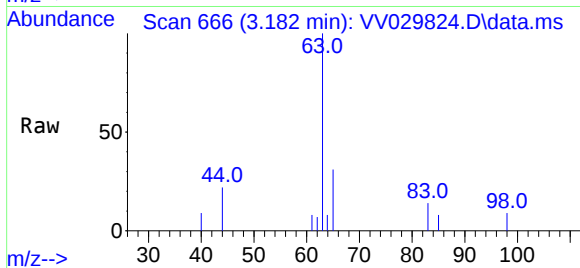




#19
1,1-Dichloroethane
Concen: 0.188 ug/L
RT: 3.182 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

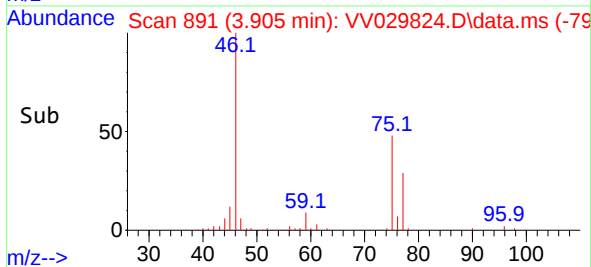
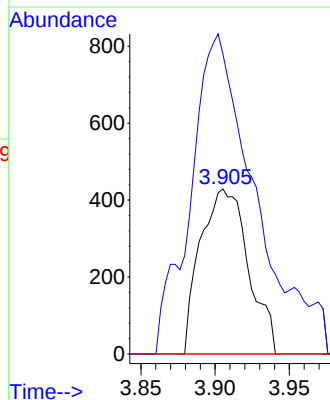
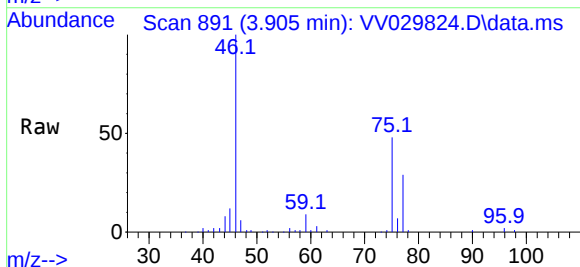
Instrument :
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ClientSampleId :
BGJC7

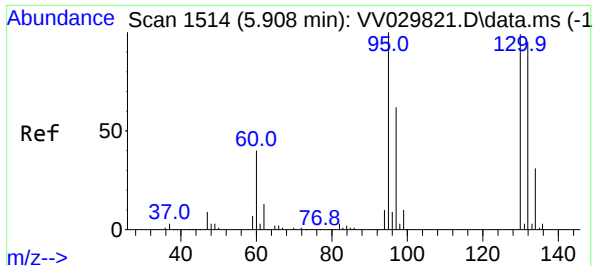
Tgt Ion:	63	Resp:	4915
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.4	41.6
83	14.0	10.2	19.0



#22
cis-1,2-Dichloroethene
Concen: 0.058 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

Tgt Ion:	96	Resp:	963
Ion	Ratio	Lower	Upper
96	100		
61	181.8	80.0	148.6
68	0.0	0.0	0.0



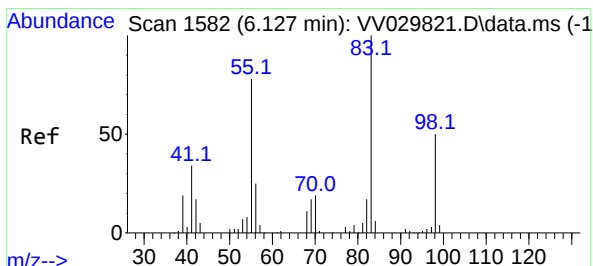
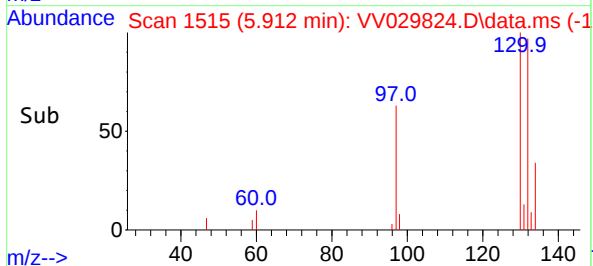
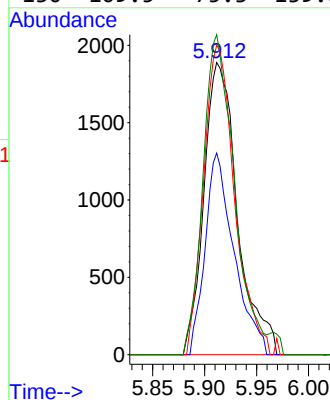
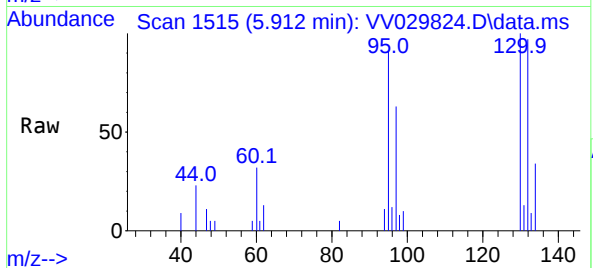


#34
Trichloroethene
Concen: 0.264 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

Instrument :
MSVOA_V
ClientSampleId :
BGJC7

Tgt Ion: 95 Resp: 4240

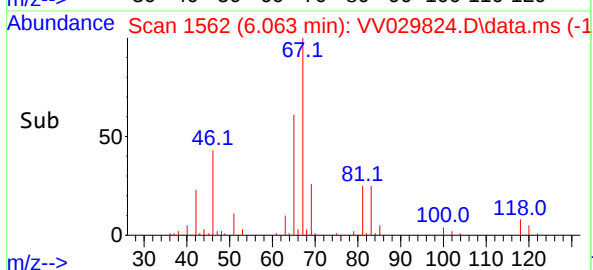
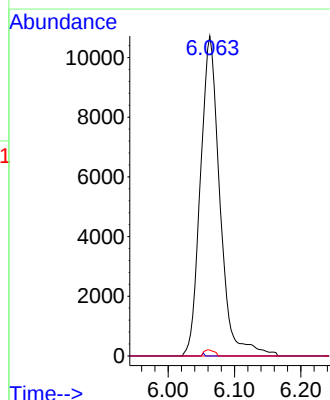
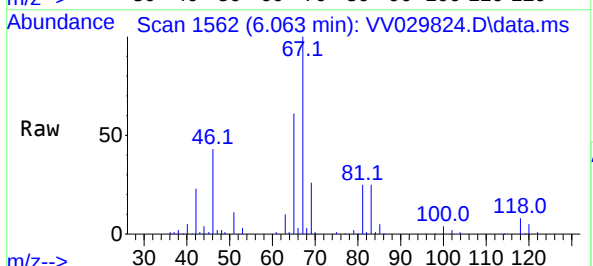
Ion	Ratio	Lower	Upper
95	100		
97	69.0	44.9	83.3
132	105.9	71.8	133.4
130	109.5	75.3	139.8

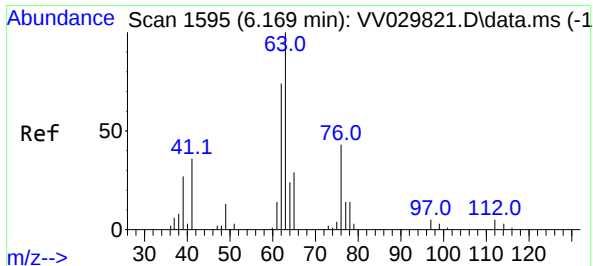


#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

Tgt Ion: 83 Resp: 21935

Ion	Ratio	Lower	Upper
83	100		
55	0.1	57.3	85.9#
98	1.0	39.0	58.6#

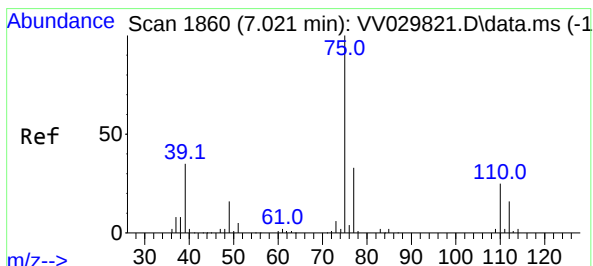
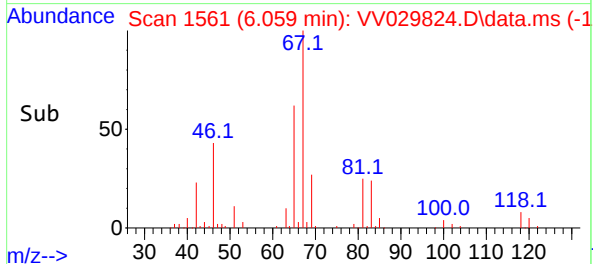
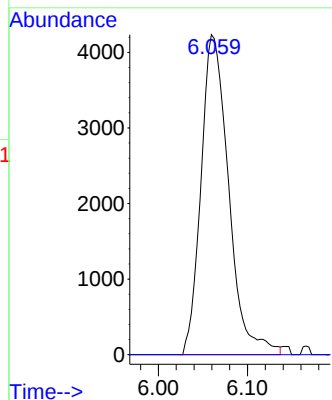
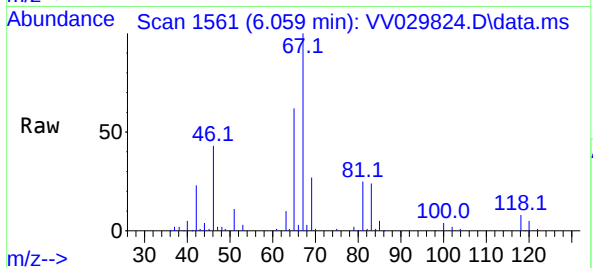




#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.059 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

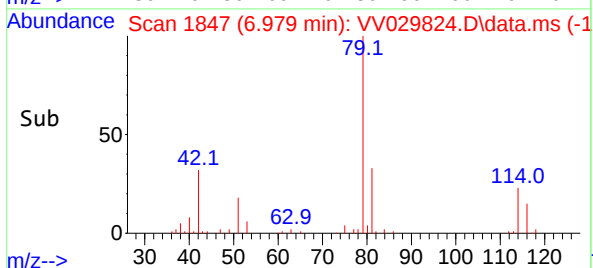
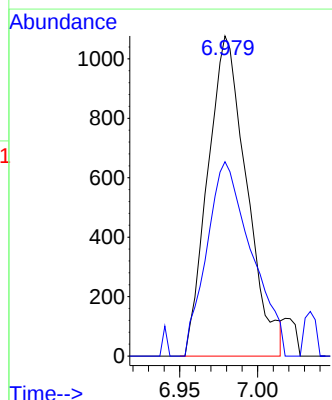
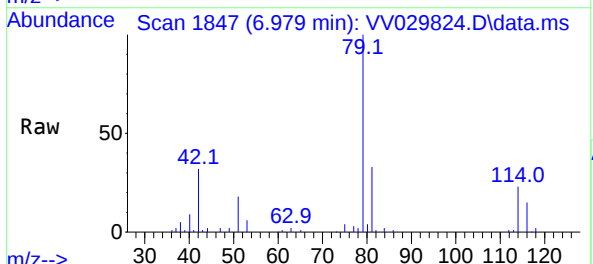
Instrument :
MSVOA_V
ClientSampleId :
BGJC7

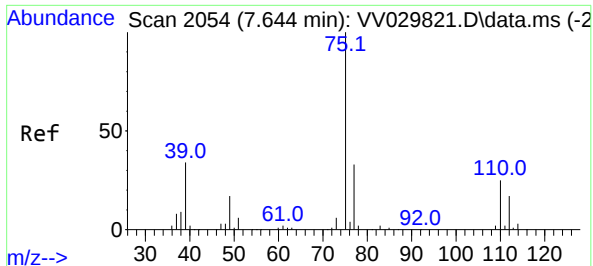
Tgt Ion: 63 Resp: 9130
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.039 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

Tgt Ion: 75 Resp: 1867
Ion Ratio Lower Upper
75 100
77 60.7 22.4 41.6#

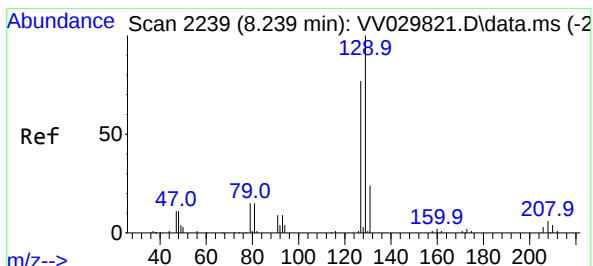
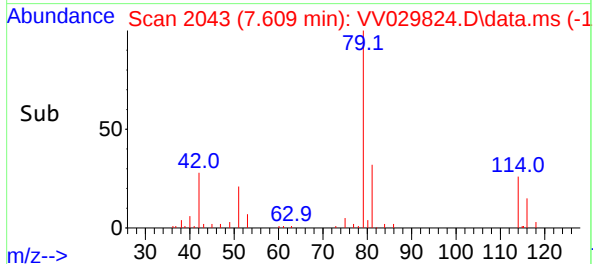
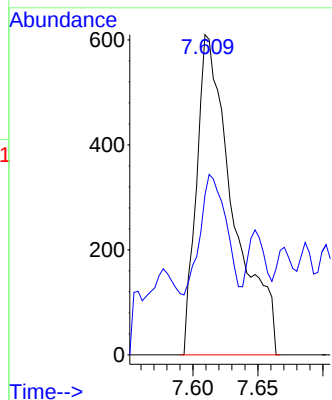
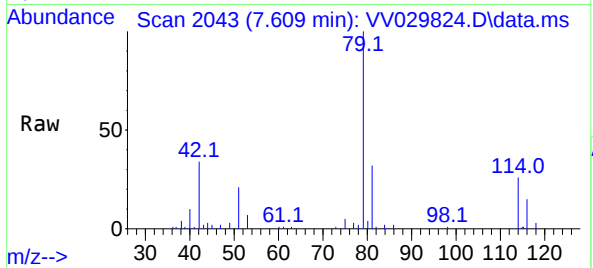




#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.609 min Scan# 2043
Delta R.T. -0.032 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

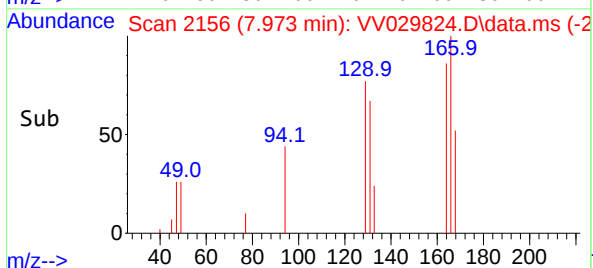
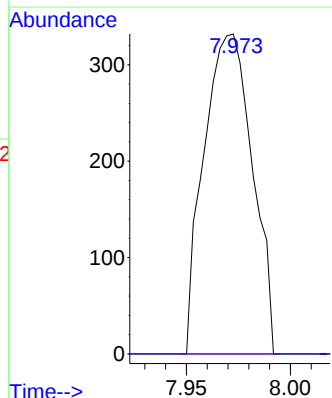
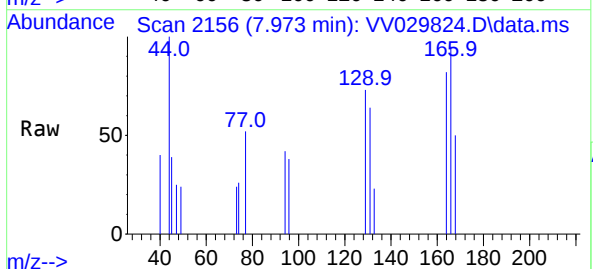
Instrument :
MSVOA_V
ClientSampleId :
BGJC7

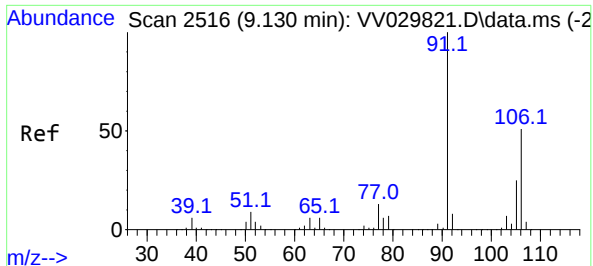
Tgt Ion: 75 Resp: 1196
Ion Ratio Lower Upper
75 100
77 50.0 21.9 40.7#



#49
Dibromochloromethane
Concen: 0.043 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.264 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

Tgt Ion: 129 Resp: 539
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#

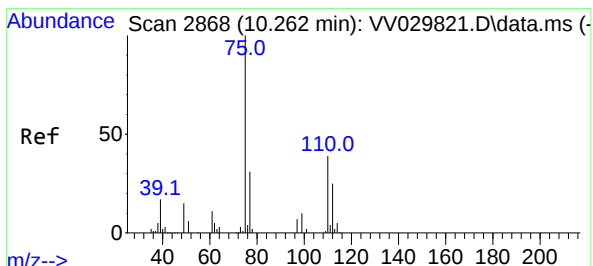
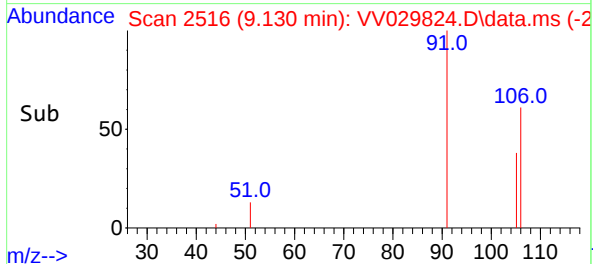
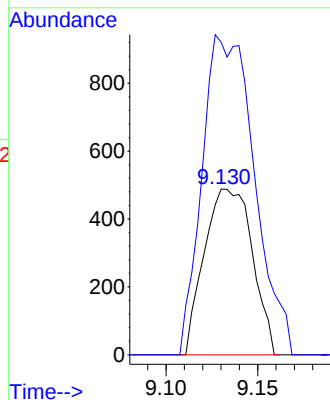
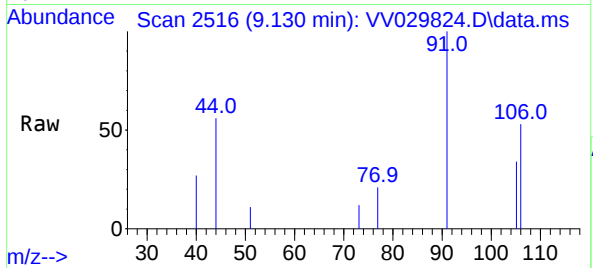




#53
m,p-Xylene
Concen: 0.031 ug/L
RT: 9.130 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

Instrument :
MSVOA_V
ClientSampleId :
BGJC7

Tgt Ion:106 Resp: 890
Ion Ratio Lower Upper
106 100
91 188.7 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.509 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029824.D
Acq: 13 Jan 2023 21:52

Tgt Ion: 75 Resp: 11495
Ion Ratio Lower Upper
75 100
77 33.3 26.5 39.7
110 1.9 31.8 47.8#

