

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
 Data File : VV026461.D
 Acq On : 20 Jun 2022 21:24
 Operator : SY/MD
 Sample : N3355-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:40:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

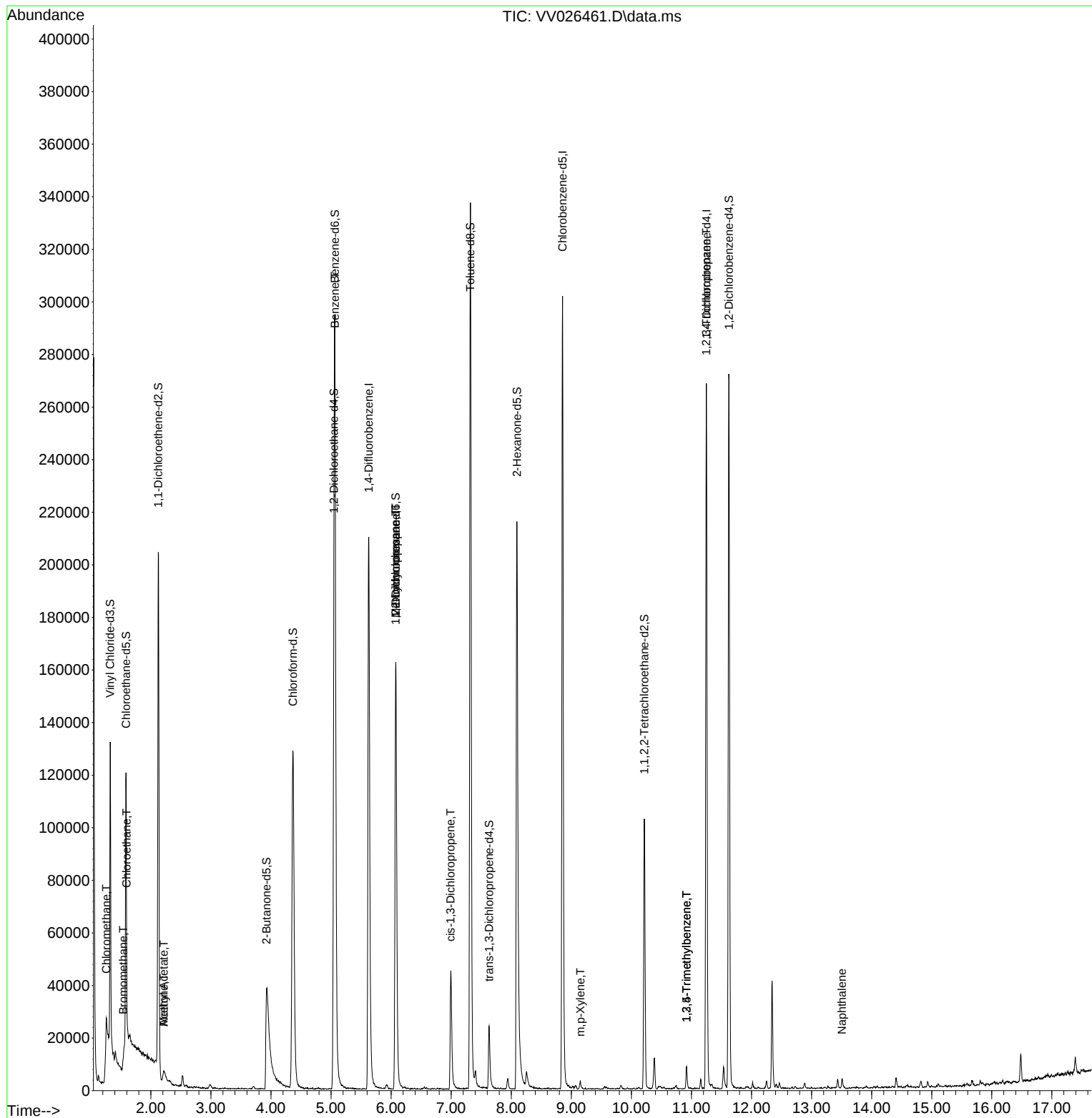
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	195479	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	175862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	76497	4.505	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.587	69	65565	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.124	63	105548	3.620	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.928	46	99714	60.188	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.380%
24) Chloroform-d	4.365	84	142029	5.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.200%
26) 1,2-Dichloroethane-d4	5.047	65	58290	5.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.063	84	284598	6.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.000%
36) 1,2-Dichloropropane-d6	6.075	67	84194	6.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.800%
41) Toluene-d8	7.320	98	232143	5.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
43) trans-1,3-Dichloroprop...	7.632	79	15616	3.510	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.095	63	77850	57.919	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51765	6.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.400%#
66) 1,2-Dichlorobenzene-d4	11.622	152	72509	6.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	7182	0.443	ug/L	98
6) Bromomethane	1.539	94	684	0.073	ug/L #	71
8) Chloroethane	1.597	64	28991	2.768	ug/L #	49
13) Acetone	2.214	43	11493	8.952	ug/L	90
15) Methyl Acetate	2.214	43	11234	3.647	ug/L #	49
33) Benzene	5.066	78	2634	0.058	ug/L	100
35) Methylcyclohexane	6.079	83	19920	1.170	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	8615	0.731	ug/L #	89
39) cis-1,3-Dichloropropene	6.989	75	1109	0.082	ug/L	94
53) m,p-Xylene	9.149	106	1069	0.058	ug/L	79
61) 1,2,3-Trichloropropane	11.246	75	8566	1.805	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.918	105	4875	0.158	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	4875	0.159	ug/L	99
71) Naphthalene	13.506	128	3728	0.263	ug/L #	90

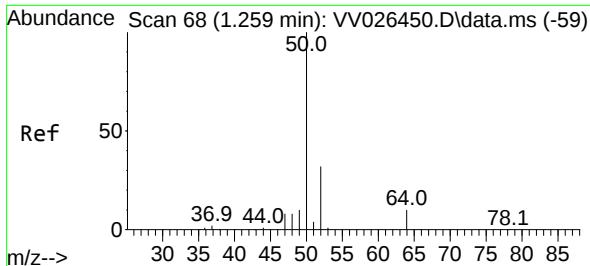
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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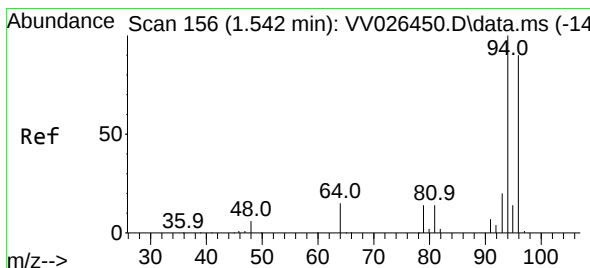
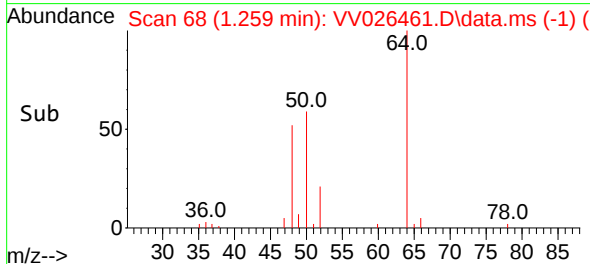
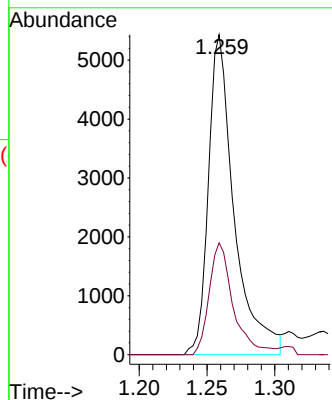
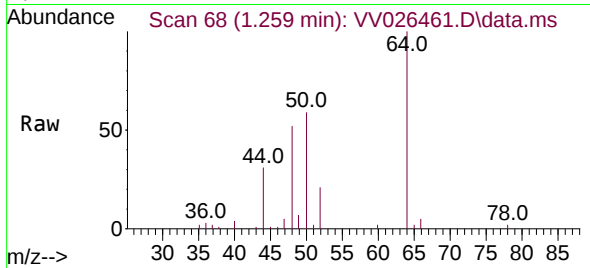




#3
Chloromethane
Concen: 0.443 ug/L
RT: 1.259 min Scan# 68
Delta R.T. -0.000 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

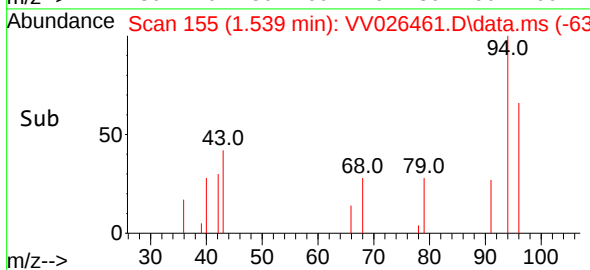
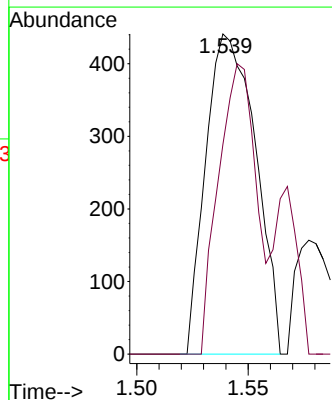
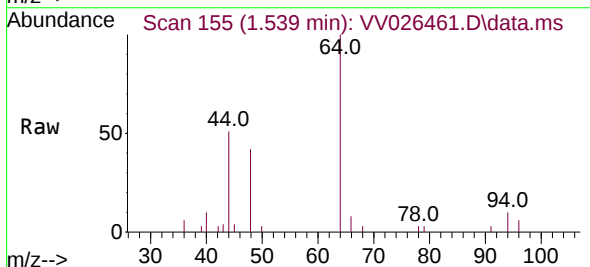
Instrument :
MSVOA_V
ClientSampleId :

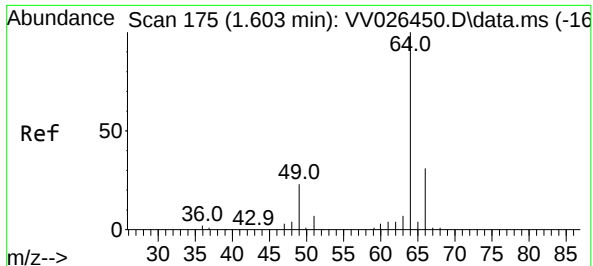
Tgt Ion: 50 Resp: 7182
Ion Ratio Lower Upper
50 100
52 34.9 23.7 44.1



#6
Bromomethane
Concen: 0.073 ug/L
RT: 1.539 min Scan# 155
Delta R.T. -0.003 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 65.5 65.7 121.9#

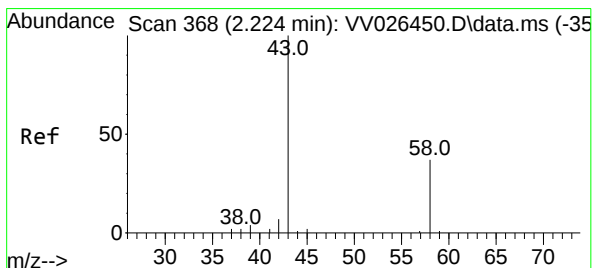
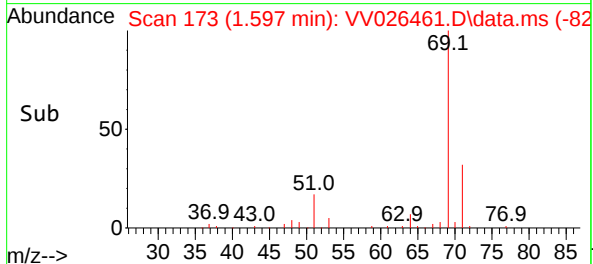
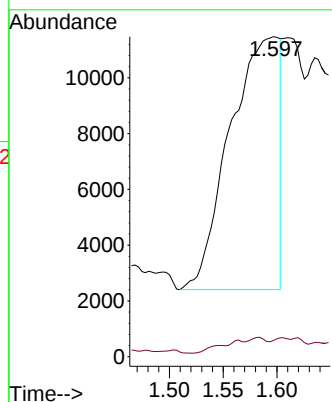
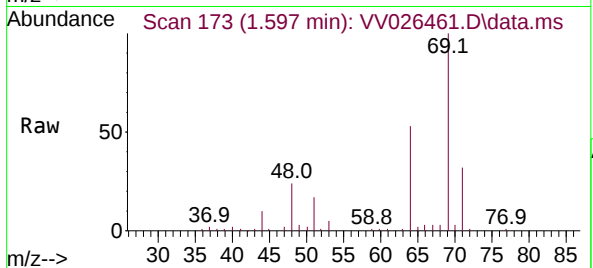




#8
Chloroethane
Concen: 2.768 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

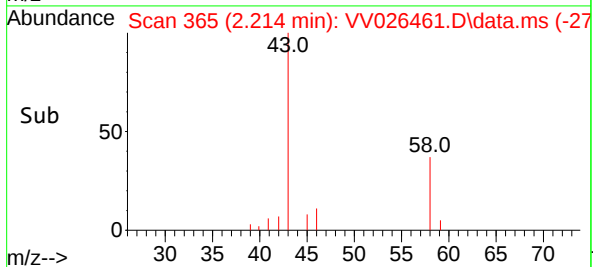
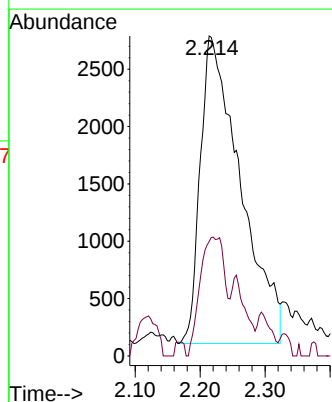
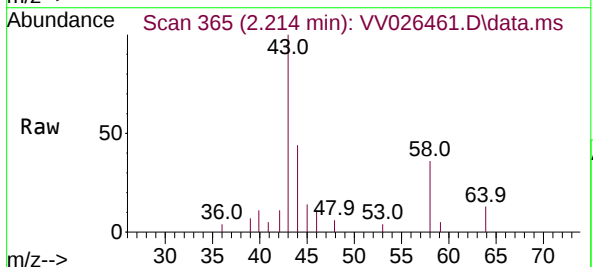
Instrument :
MSVOA_V
ClientSampleId :

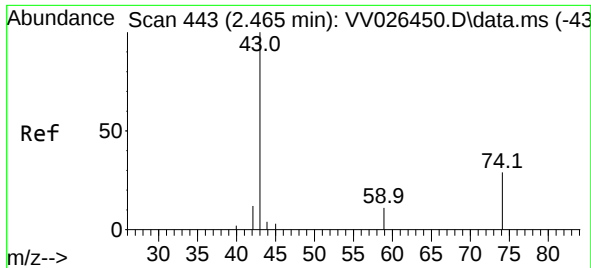
Tgt Ion: 64 Resp: 28991
Ion Ratio Lower Upper
64 100
66 5.1 24.1 44.7#



#13
Acetone
Concen: 8.952 ug/L
RT: 2.214 min Scan# 365
Delta R.T. -0.010 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

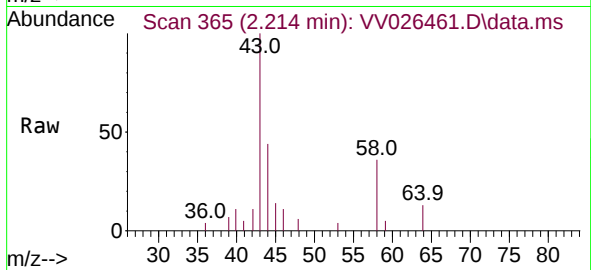
Tgt Ion: 43 Resp: 11493
Ion Ratio Lower Upper
43 100
58 24.3 0.0 60.0



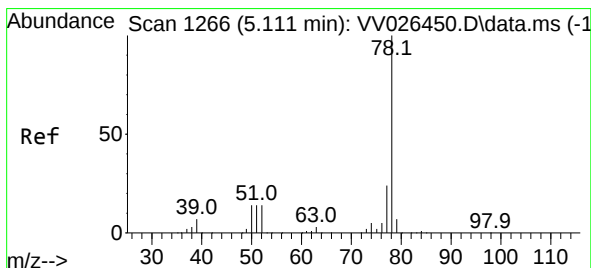
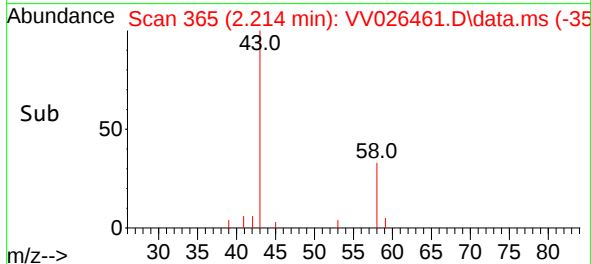
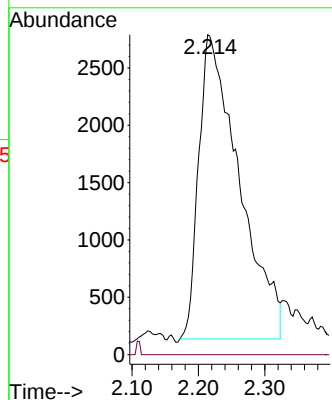


#15
Methyl Acetate
Concen: 3.647 ug/L
RT: 2.214 min Scan# 30
Delta R.T. -0.251 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

Instrument :
MSVOA_V
ClientSampleId :

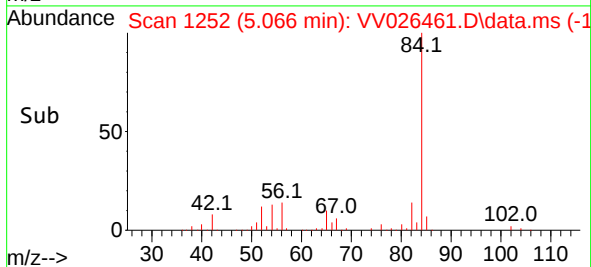
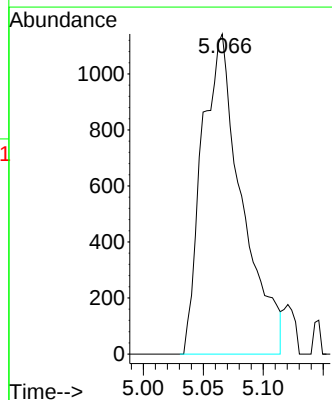
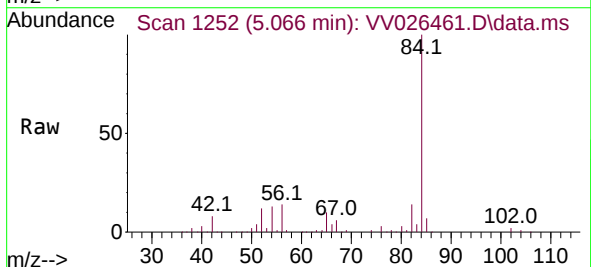


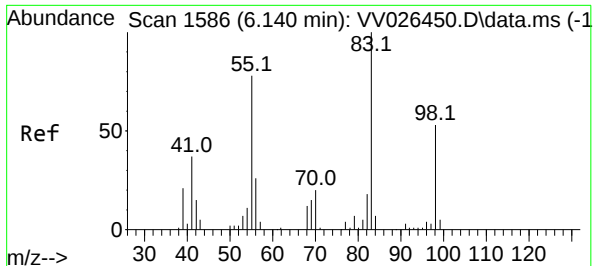
Tgt Ion: 43 Resp: 11234
Ion Ratio Lower Upper
43 100
74 0.2 21.4 32.0#



#33
Benzene
Concen: 0.058 ug/L
RT: 5.066 min Scan# 1252
Delta R.T. -0.045 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

Tgt Ion: 78 Resp: 2634





#35

Methylcyclohexane

Concen: 1.170 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.061 min

Lab File: VV026461.D

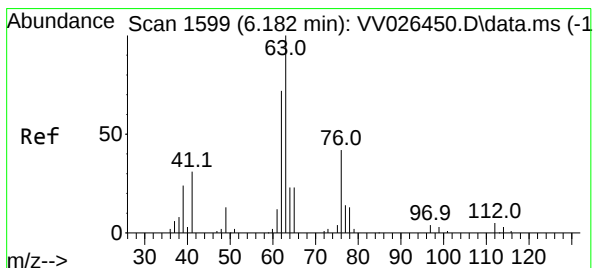
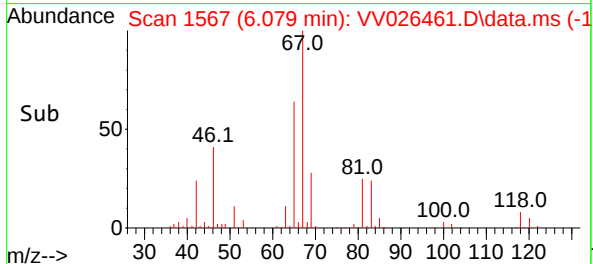
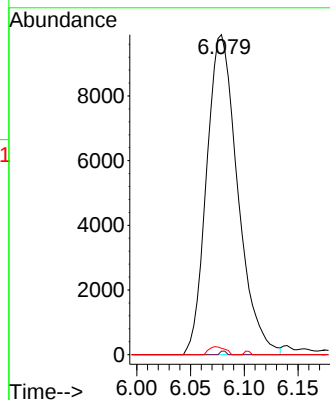
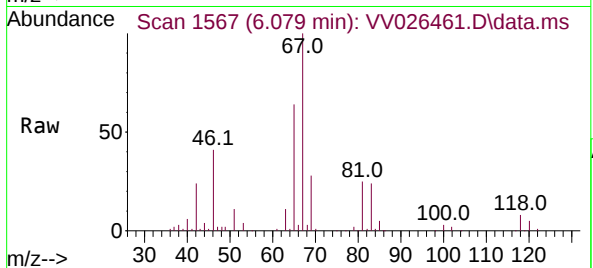
Acq: 20 Jun 2022 21:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 19920
Ion Ratio	Lower Upper
83 100	
55 0.2	59.3 88.9#
98 1.3	39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.731 ug/L

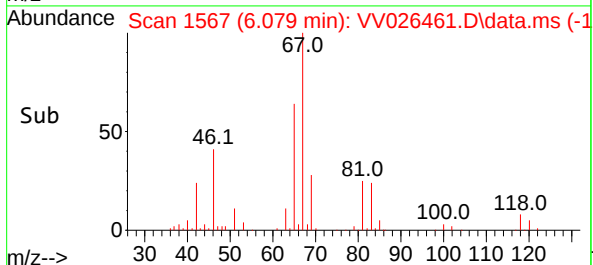
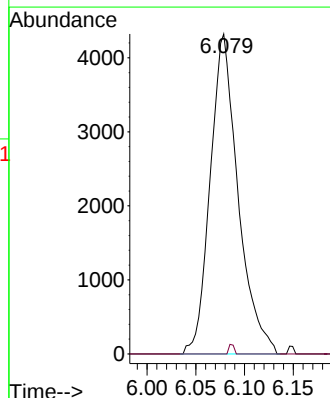
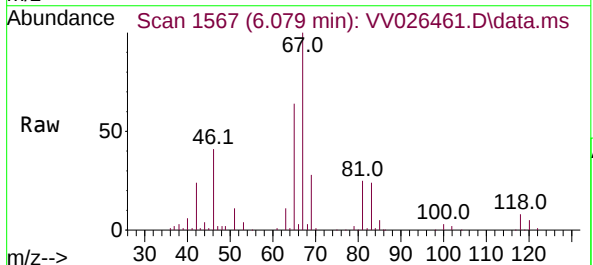
RT: 6.079 min Scan# 1567

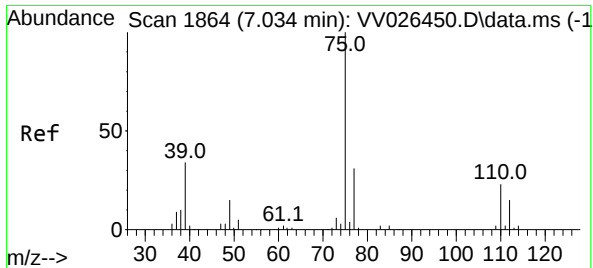
Delta R.T. -0.103 min

Lab File: VV026461.D

Acq: 20 Jun 2022 21:24

Tgt Ion: 63	Resp: 8615
Ion Ratio	Lower Upper
63 100	
112 0.6	3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.989 min Scan# 1109

Delta R.T. -0.045 min

Lab File: VV026461.D

Acq: 20 Jun 2022 21:24

Instrument :

MSVOA_V

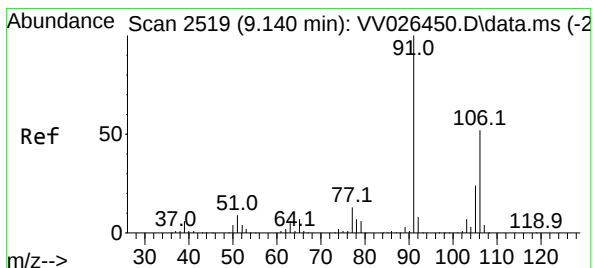
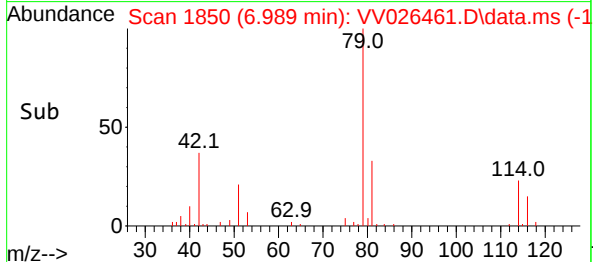
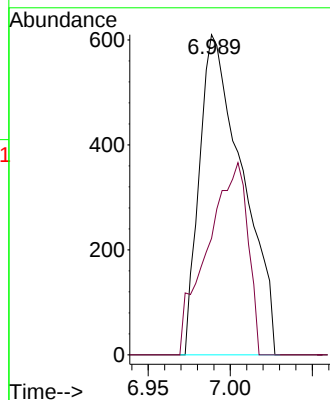
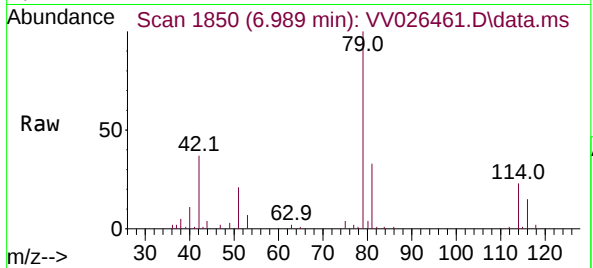
ClientSampleId :

Tgt Ion: 75 Resp: 1109

Ion Ratio Lower Upper

75 100

77 36.4 23.0 42.6



#53

m,p-Xylene

Concen: 0.058 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.009 min

Lab File: VV026461.D

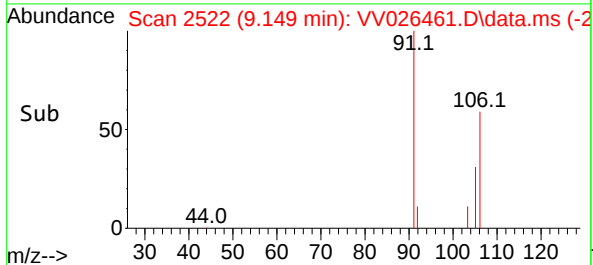
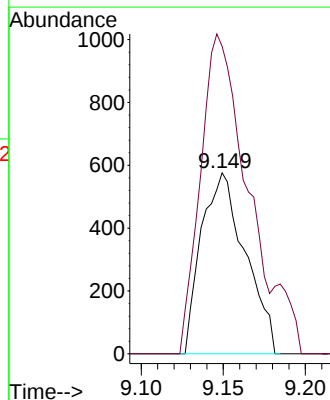
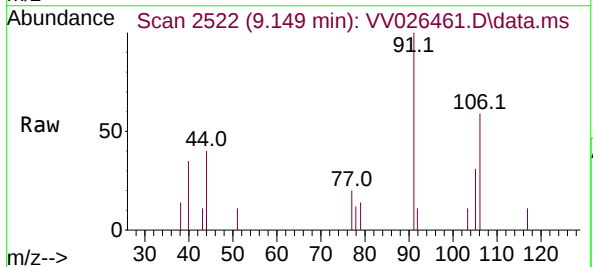
Acq: 20 Jun 2022 21:24

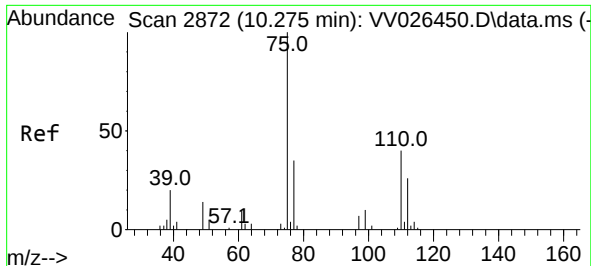
Tgt Ion: 106 Resp: 1069

Ion Ratio Lower Upper

106 100

91 170.0 141.3 262.3

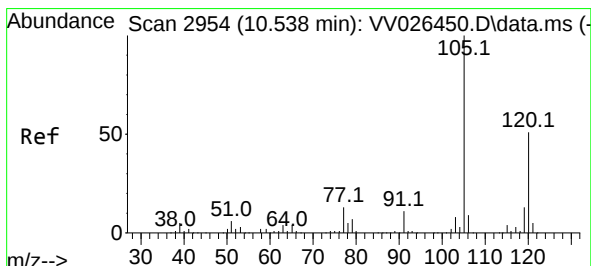
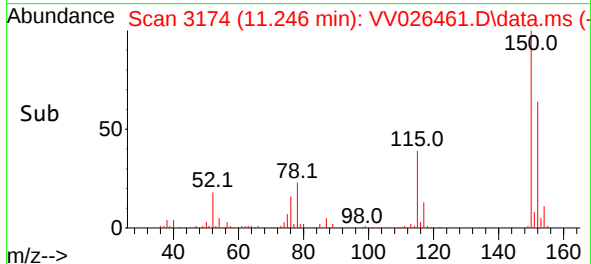
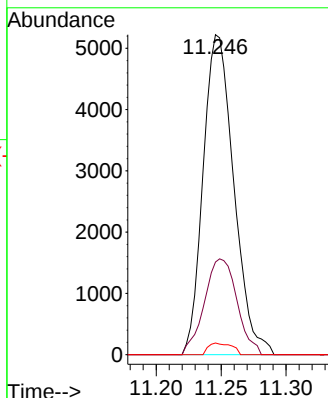
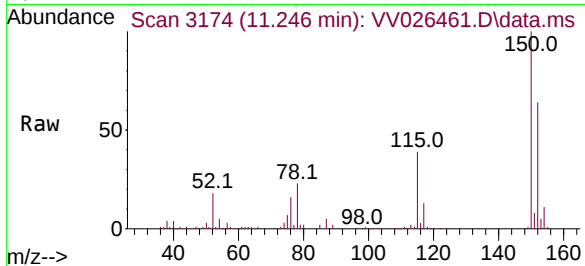




#61
1,2,3-Trichloropropane
Concen: 1.805 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

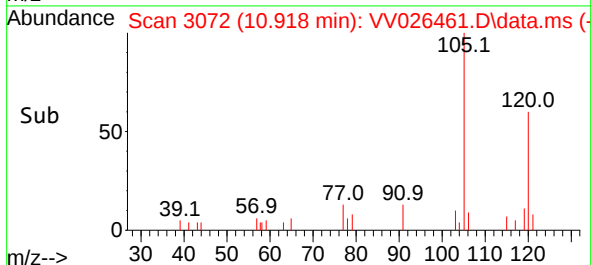
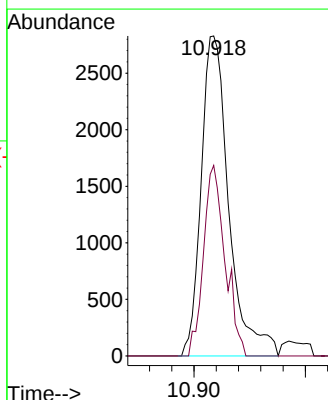
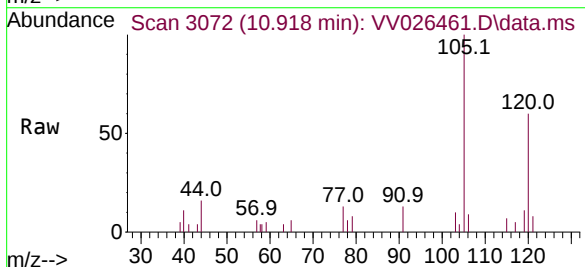
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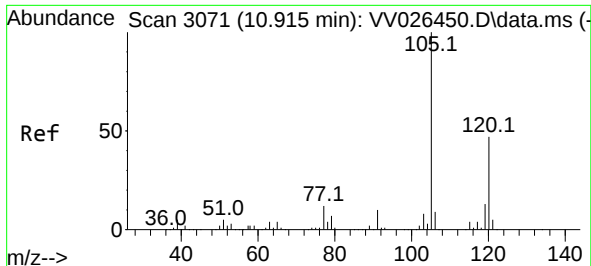
Tgt Ion: 75 Resp: 8566
Ion Ratio Lower Upper
75 100
77 31.9 26.9 40.3
110 2.7 30.7 46.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.158 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.379 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

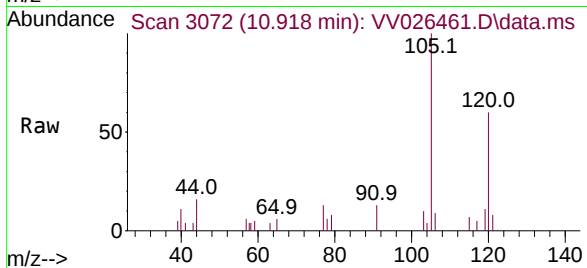
Tgt Ion: 105 Resp: 4875
Ion Ratio Lower Upper
105 100
120 46.6 39.9 59.9



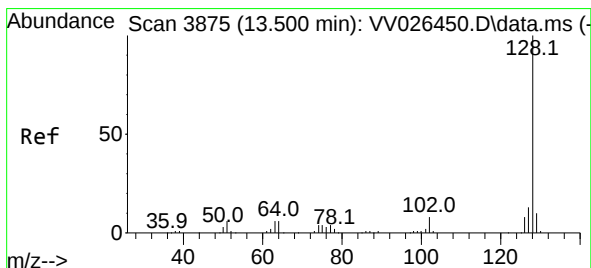
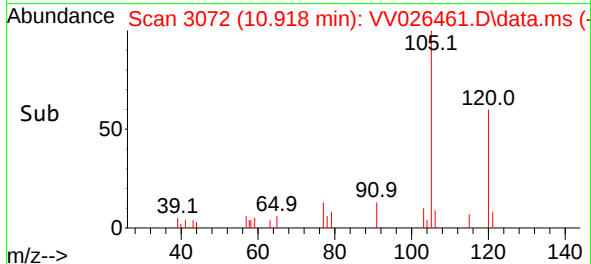
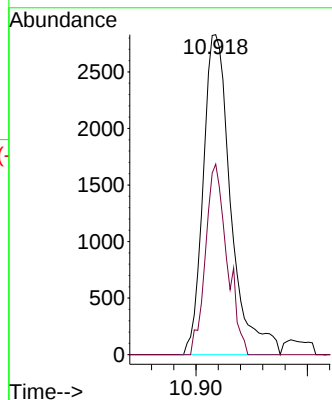


#63
1,2,4-Trimethylbenzene
Concen: 0.159 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:105 Resp: 4875
Ion Ratio Lower Upper
105 100
120 46.6 36.9 55.3



#71
Naphthalene
Concen: 0.263 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV026461.D
Acq: 20 Jun 2022 21:24

Tgt Ion:128 Resp: 3728
Ion Ratio Lower Upper
128 100
129 6.3 8.7 13.1#
127 10.3 10.6 16.0#

