

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026647.D
 Acq On : 05 Jul 2022 16:44
 Operator : SY/MD
 Sample : N3555-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA9

Quant Time: Jul 06 00:26:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	189552	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	182601	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	50271	3.298	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.000%	
7) Chloroethane-d5	1.581	69	48472	3.958	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.200%	
11) 1,1-Dichloroethene-d2	2.118	63	73224	2.703	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.000%#	
20) 2-Butanone-d5	3.925	46	107657	71.034	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.060%#	
24) Chloroform-d	4.359	84	120958	4.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.044	65	50874	5.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.060	84	212059	4.043	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
36) 1,2-Dichloropropane-d6	6.076	67	68527	4.751	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.320	98	161743	3.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.600%#	
43) trans-1,3-Dichloroprop...	7.629	79	15740	4.222	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.092	63	77245	54.397	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51151	5.421	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	62571	5.032	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						Qvalue
3) Chloromethane	1.253	50	1386	0.088	ug/L	92
6) Bromomethane	1.539	94	755	0.083	ug/L	92
8) Chloroethane	1.320	64	2132	0.187	ug/L	89
13) Acetone	2.217	43	4027	4.188	ug/L	86
14) Carbon disulfide	2.304	76	1988	0.059	ug/L #	93
16) Methylene chloride	2.520	84	9362	0.689	ug/L	94
35) Methylcyclohexane	6.076	83	17609	0.849	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	7667	0.597	ug/L #	84
44) trans-1,3-Dichloropropene	7.638	75	728	0.076	ug/L #	42
61) 1,2,3-Trichloropropane	11.191	75	313	0.064	ug/L #	57
62) 1,3,5-Trimethylbenzene	10.542	105	1185	0.032	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.645	75	327	0.375	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.648	180	2133	0.132	ug/L	92
70) 1,2,4-trichlorobenzene	13.268	180	1994	0.174	ug/L #	83
71) Naphthalene	13.506	128	4834	0.324	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.744	180	2085	0.223	ug/L	98

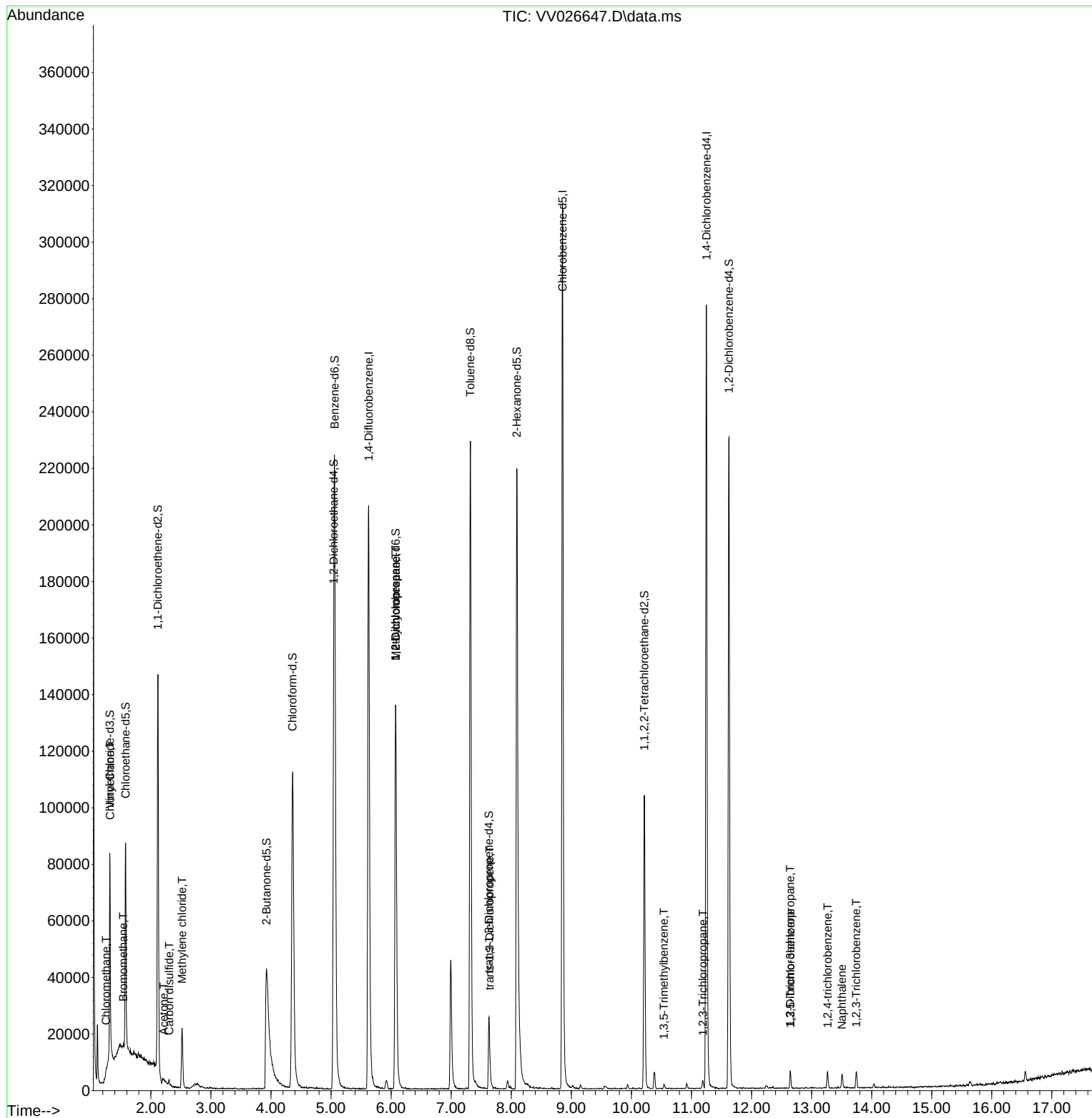
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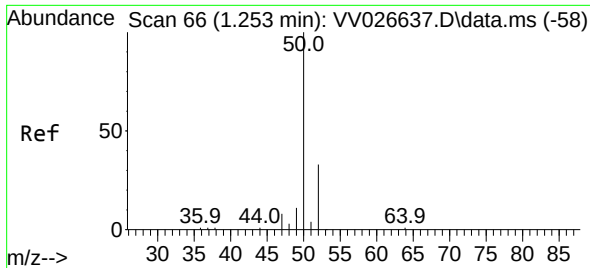
Instrument :
MSVOA_V
ClientSampleId :
C0AA9

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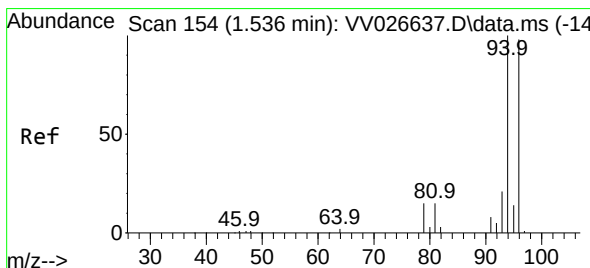
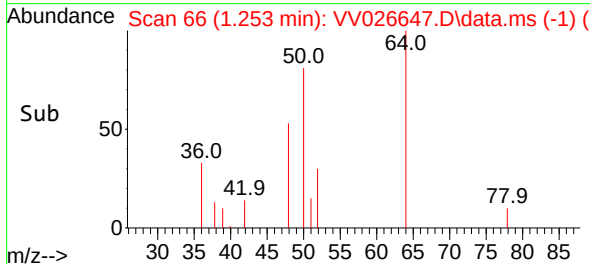
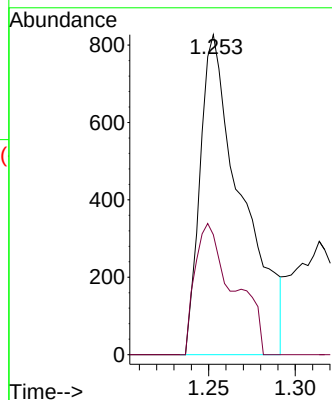
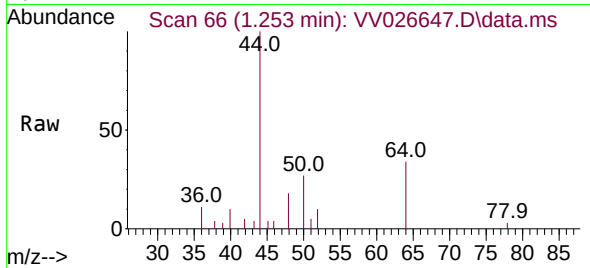




#3
Chloromethane
Concen: 0.088 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

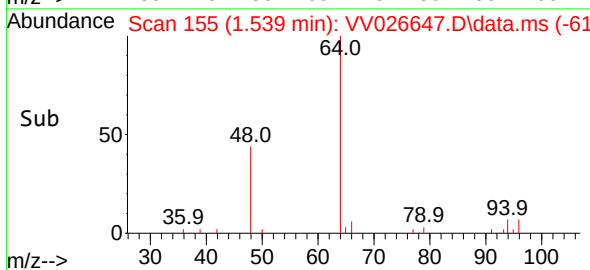
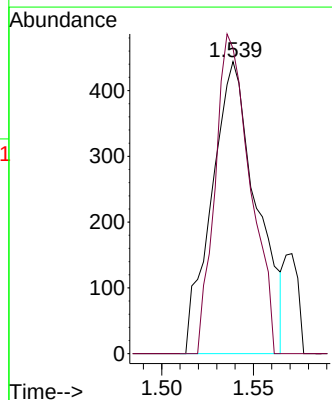
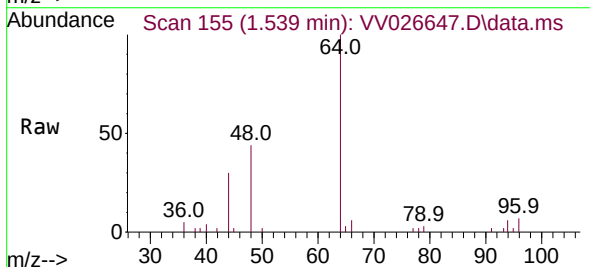
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MSVOA_V
ClientSampleId :
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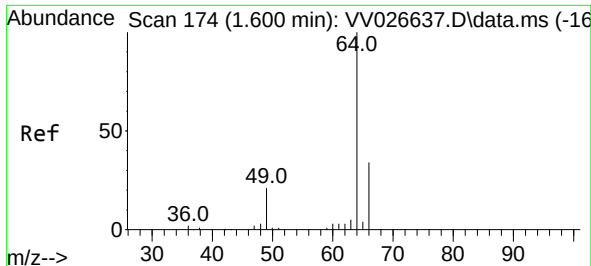
Tgt Ion: 50 Resp: 1386
Ion Ratio Lower Upper
50 100
52 37.5 23.0 42.6



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.003 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

Tgt Ion: 94 Resp: 755
Ion Ratio Lower Upper
94 100
96 104.5 68.0 126.2

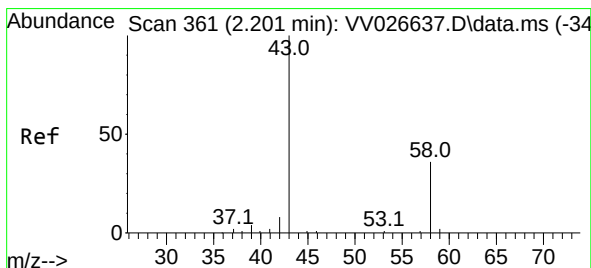
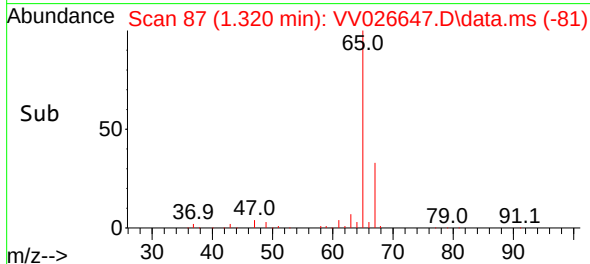
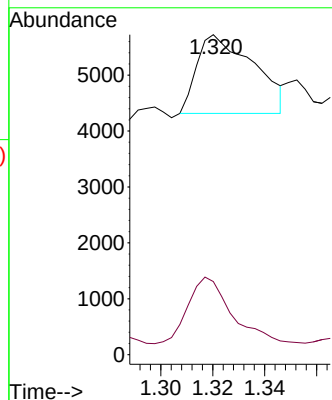
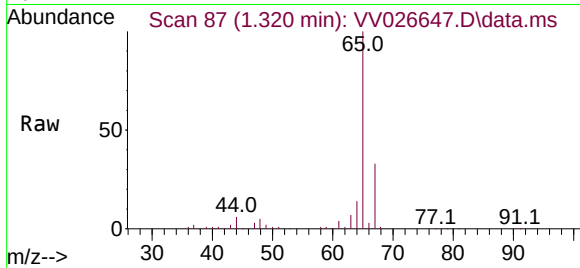




#8
Chloroethane
Concen: 0.187 ug/L
RT: 1.320 min Scan# 81
Delta R.T. -0.280 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

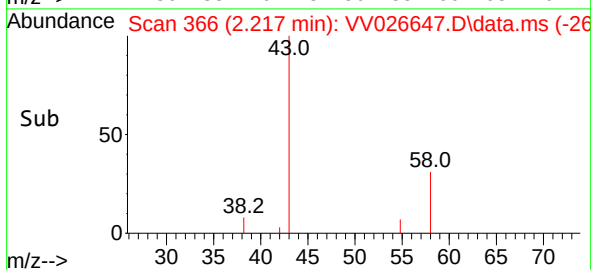
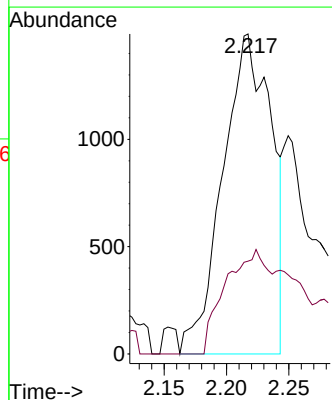
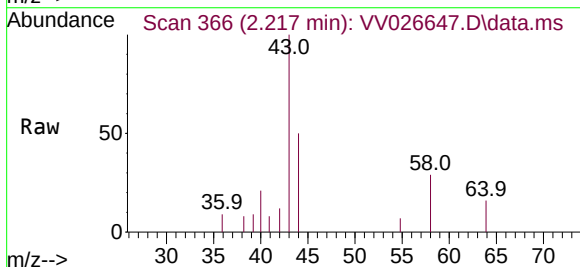
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ClientSampleId :
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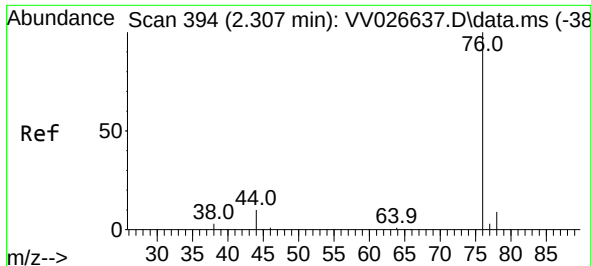
Tgt Ion: 64 Resp: 2132
Ion Ratio Lower Upper
64 100
66 22.9 20.0 37.2



#13
Acetone
Concen: 4.188 ug/L
RT: 2.217 min Scan# 366
Delta R.T. 0.016 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

Tgt Ion: 43 Resp: 4027
Ion Ratio Lower Upper
43 100
58 29.1 0.0 75.0

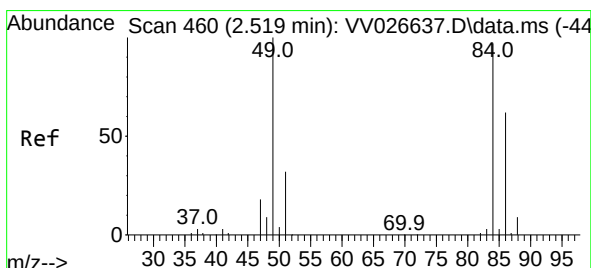
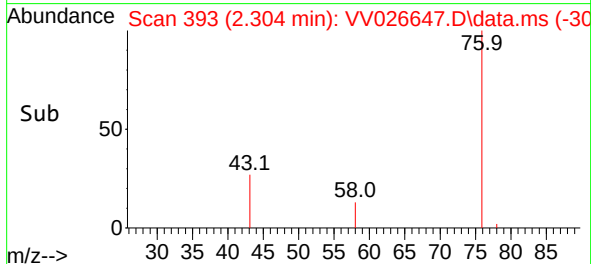
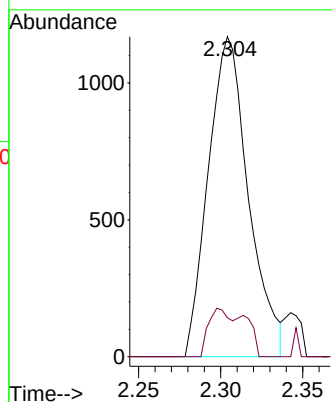
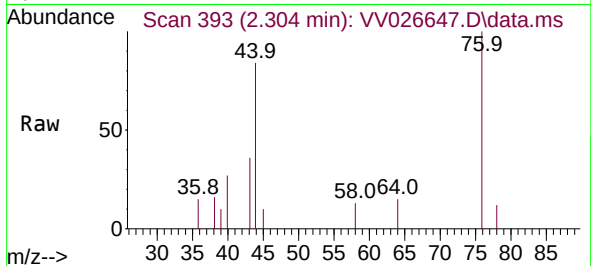




#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.304 min Scan# 394
Delta R.T. -0.003 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

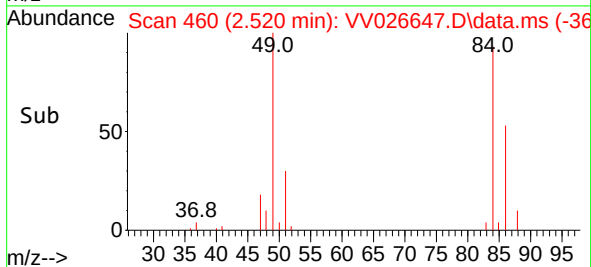
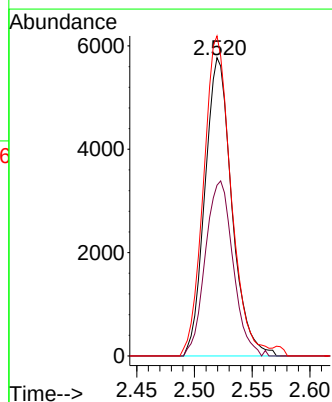
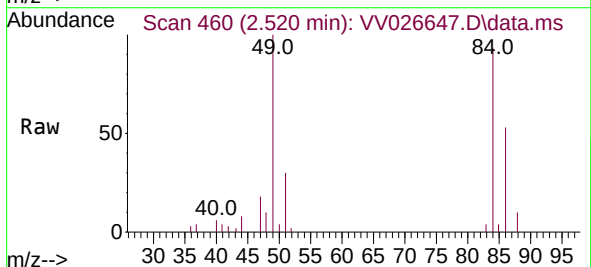
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ClientSampleId :
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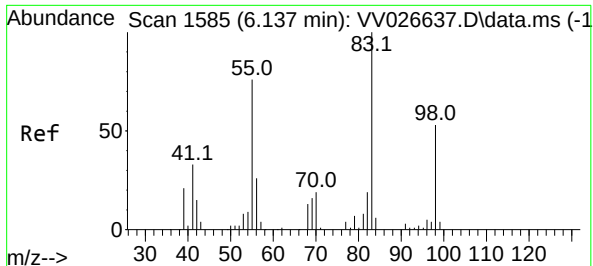
Tgt Ion: 76 Resp: 1988
Ion Ratio Lower Upper
76 100
78 12.1 7.8 11.6#



#16
Methylene chloride
Concen: 0.689 ug/L
RT: 2.520 min Scan# 460
Delta R.T. 0.000 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

Tgt Ion: 84 Resp: 9362
Ion Ratio Lower Upper
84 100
86 57.3 46.0 85.4
49 107.3 77.7 144.3





#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026647.D

Acq: 05 Jul 2022 16:44

Instrument :

MSVOA_V

ClientSampleId :

C0AA9

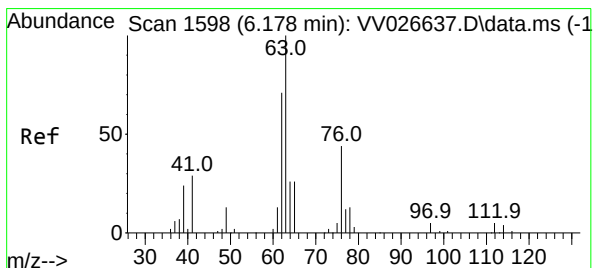
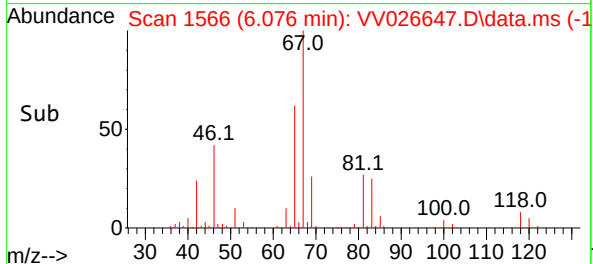
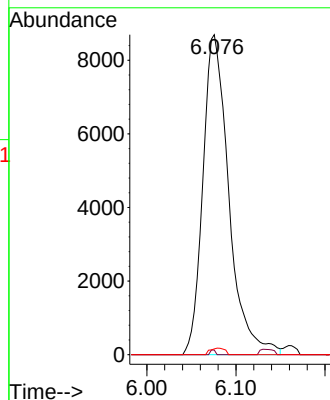
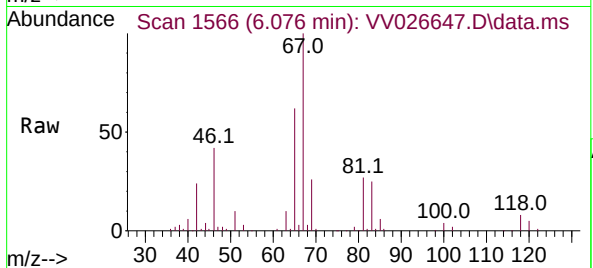
Tgt Ion: 83 Resp: 17609

Ion Ratio Lower Upper

83 100

55 0.3 57.0 85.4#

98 1.1 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.597 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026647.D

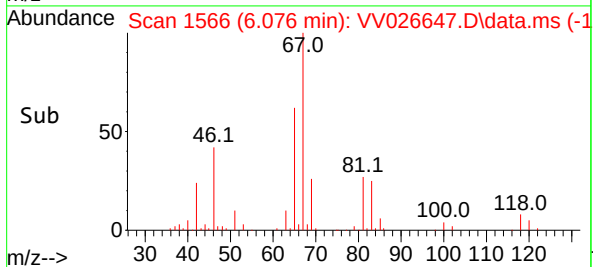
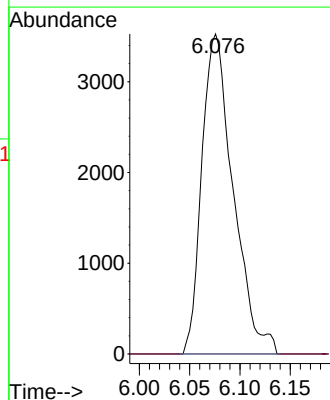
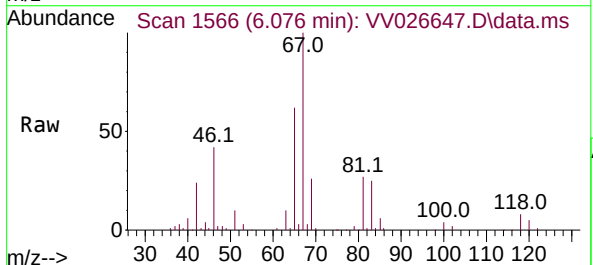
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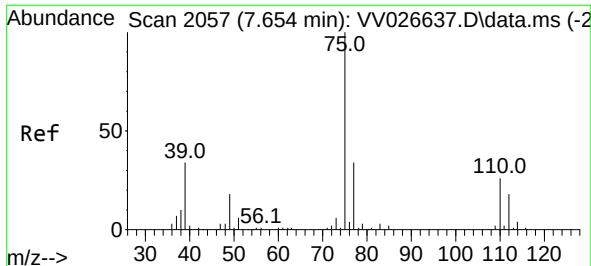
Tgt Ion: 63 Resp: 7667

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#

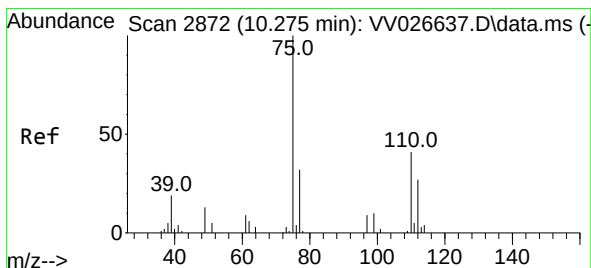
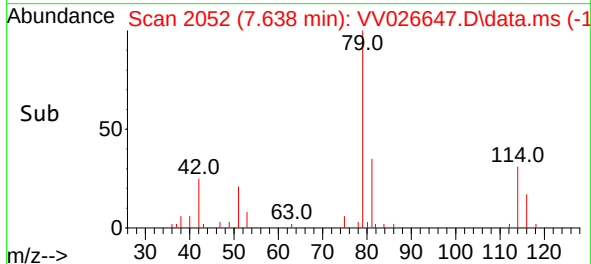
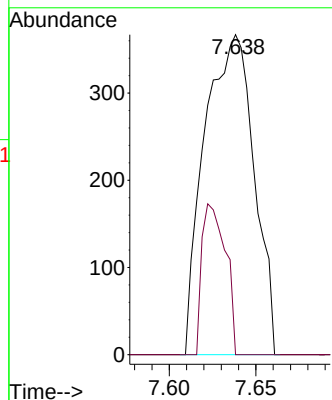
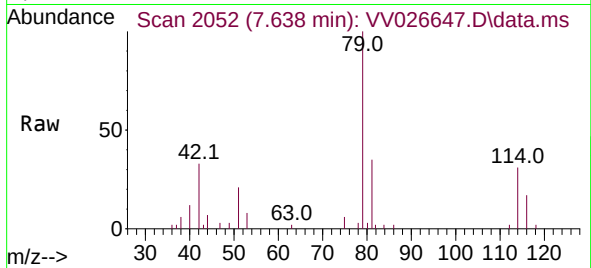




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.638 min Scan# 2052
Delta R.T. -0.016 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

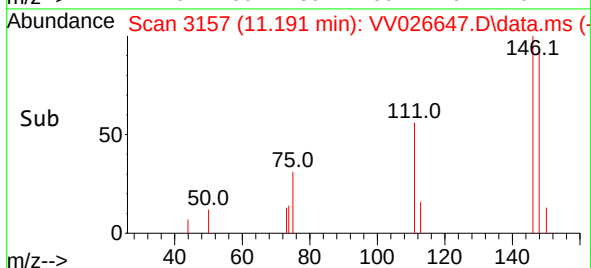
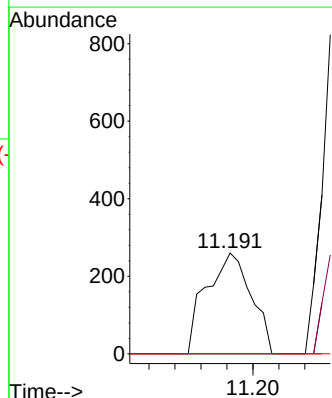
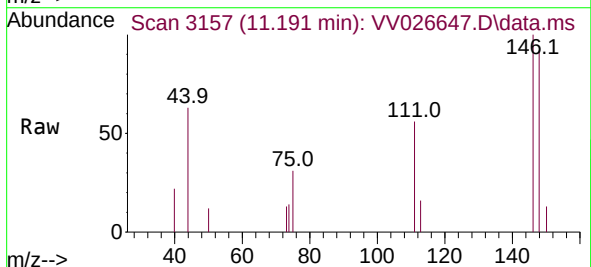
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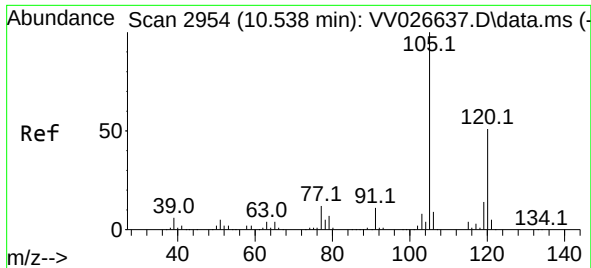
Tgt Ion: 75 Resp: 728
Ion Ratio Lower Upper
75 100
77 0.0 23.1 42.9#



#61
1,2,3-Trichloropropane
Concen: 0.064 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.917 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

Tgt Ion: 75 Resp: 313
Ion Ratio Lower Upper
75 100
77 40.9 25.8 38.6#
110 0.0 32.5 48.7#

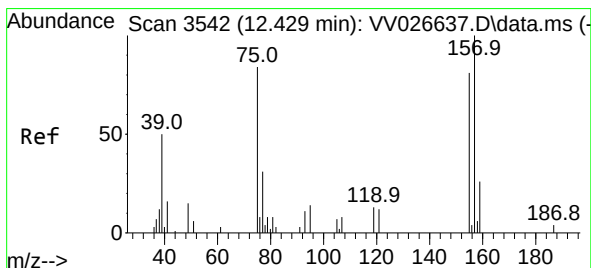
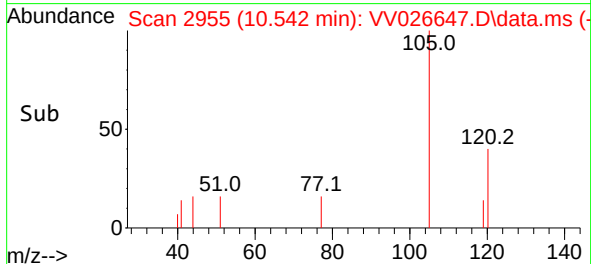
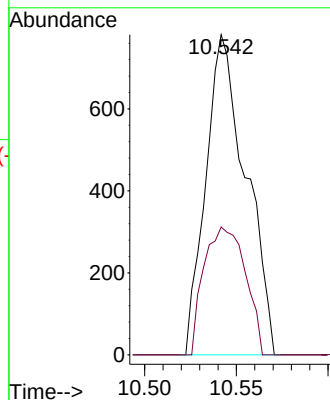
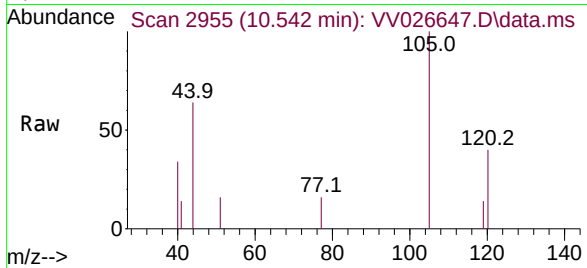




#62
 1,3,5-Trimethylbenzene
 Concen: 0.032 ug/L
 RT: 10.542 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV026647.D
 Acq: 05 Jul 2022 16:44

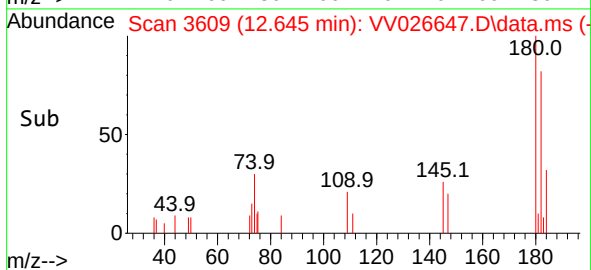
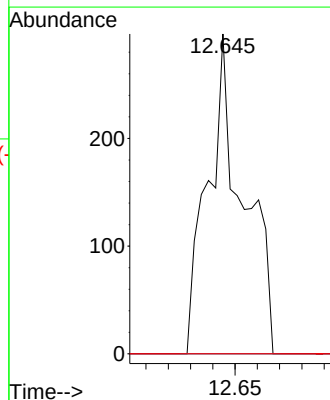
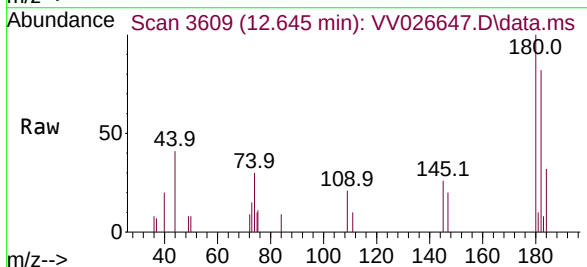
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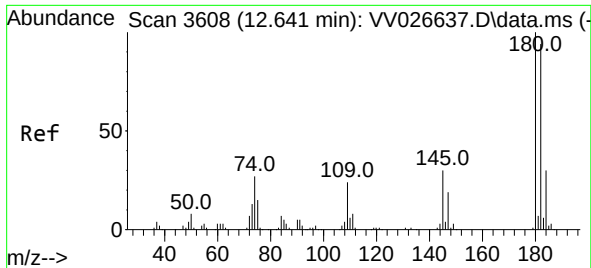
Tgt Ion:105 Resp: 1185
 Ion Ratio Lower Upper
 105 100
 120 41.4 39.6 59.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.375 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.216 min
 Lab File: VV026647.D
 Acq: 05 Jul 2022 16:44

Tgt Ion: 75 Resp: 327
 Ion Ratio Lower Upper
 75 100
 155 0.0 74.7 112.1#
 157 0.0 96.9 145.3#

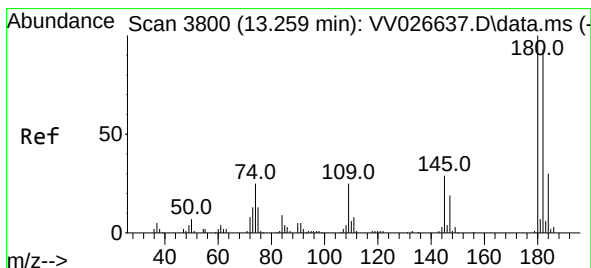
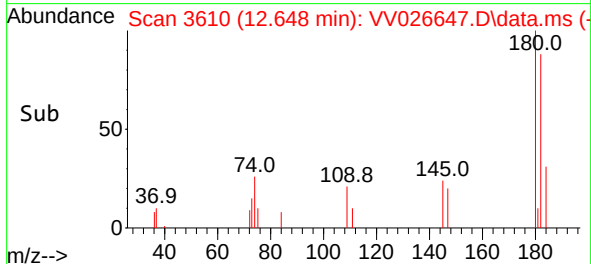
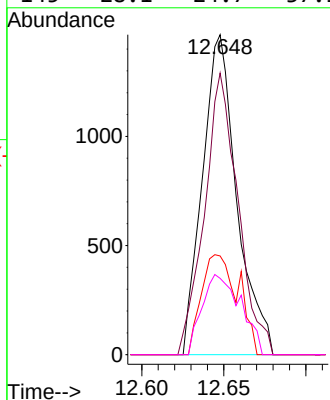
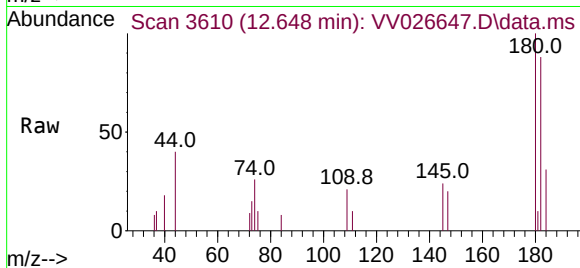




#69
1,3,5-Trichlorobenzene
Concen: 0.132 ug/L
RT: 12.648 min Scan# 30
Delta R.T. 0.007 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

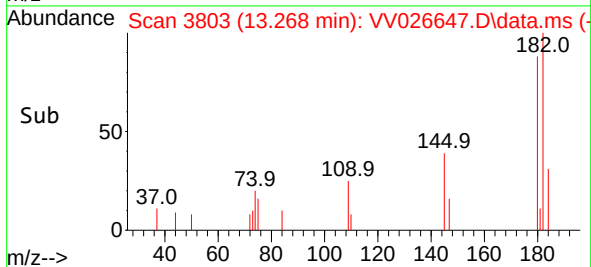
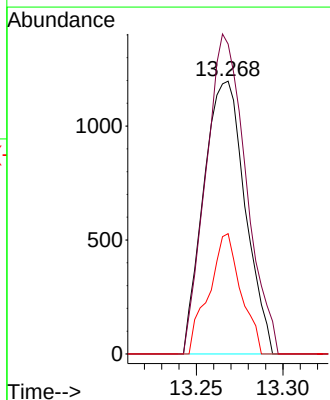
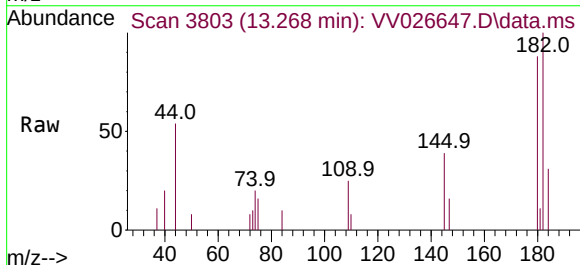
Instrument :
MSVOA_V
ClientSampleId :
C0AA9

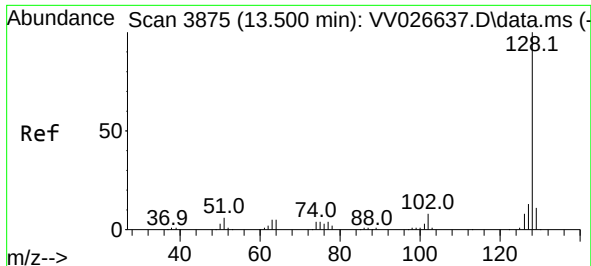
Tgt Ion:180	Resp:	2133	
Ion	Ratio	Lower	Upper
180	100		
182	85.8	76.6	115.0
184	33.5	24.1	36.1
145	28.1	24.7	37.1



#70
1,2,4-trichlorobenzene
Concen: 0.174 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

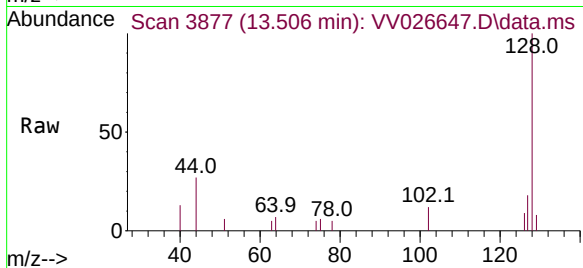
Tgt Ion:180	Resp:	1994	
Ion	Ratio	Lower	Upper
180	100		
182	113.2	75.2	112.8#
145	34.1	24.4	36.6



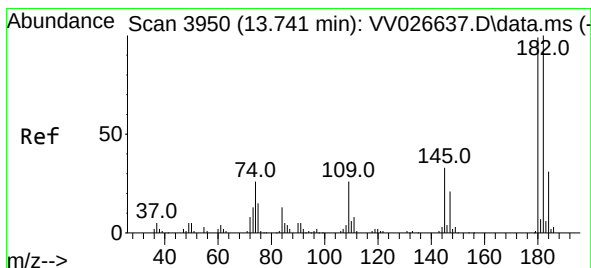
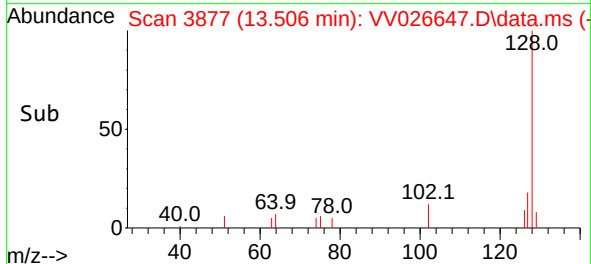
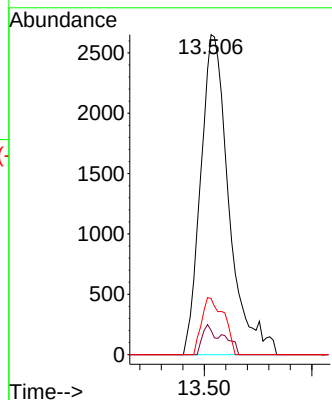


#71
Naphthalene
Concen: 0.324 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.007 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

Instrument :
MSVOA_V
ClientSampleId :
C0AA9



Tgt Ion:128 Resp: 4834
Ion Ratio Lower Upper
128 100
129 4.1 8.6 12.8#
127 14.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.223 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026647.D
Acq: 05 Jul 2022 16:44

Tgt Ion:180 Resp: 2085
Ion Ratio Lower Upper
180 100
182 96.3 76.8 115.2
145 28.6 25.8 38.6

