

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026630.D
 Acq On : 01 Jul 2022 15:52
 Operator : SY/MD
 Sample : N3553-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN1

Quant Time: Jul 04 02:05:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	198038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	188890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	53360	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.584	69	50953	3.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.124	63	75597	2.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.400%#
20) 2-Butanone-d5	3.924	46	107663	67.994	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.980%#
24) Chloroform-d	4.365	84	125349	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.047	65	49330	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.063	84	214900	3.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.079	67	70792	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.320	98	170931	3.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.632	79	16995	4.407	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.095	63	74962	51.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51042	5.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	63924	4.907	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
6) Bromomethane	1.539	94	849	0.089	ug/L	84
8) Chloroethane	1.600	64	2308	0.193	ug/L #	59
13) Acetone	2.207	43	4295	4.276	ug/L	93
14) Carbon disulfide	2.310	76	17656	0.500	ug/L	100
16) Methylene chloride	2.523	84	6174	0.435	ug/L	91
17) Methyl tert-butyl Ether	2.789	73	1380	0.063	ug/L #	89
25) Chloroform	4.391	83	124945	4.766	ug/L	99
35) Methylcyclohexane	6.079	83	17439	0.813	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	7373	0.555	ug/L #	86
44) trans-1,3-Dichloropropene	7.632	75	824	0.083	ug/L	98
49) Dibromochloromethane	7.982	129	211	0.025	ug/L #	11
51) Chlorobenzene	8.895	112	1196	0.032	ug/L #	81
53) m,p-Xylene	9.146	106	826	0.036	ug/L	86
61) 1,2,3-Trichloropropane	11.191	75	396	0.078	ug/L #	39
68) 1,2-Dibromo-3-chloropr...	12.651	75	238	0.260	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.654	180	1963	0.116	ug/L	92
70) 1,2,4-trichlorobenzene	13.268	180	1991	0.166	ug/L	96
71) Naphthalene	13.509	128	5034	0.322	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	2034	0.207	ug/L	97

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Quant Time: Jul 04 02:05:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration

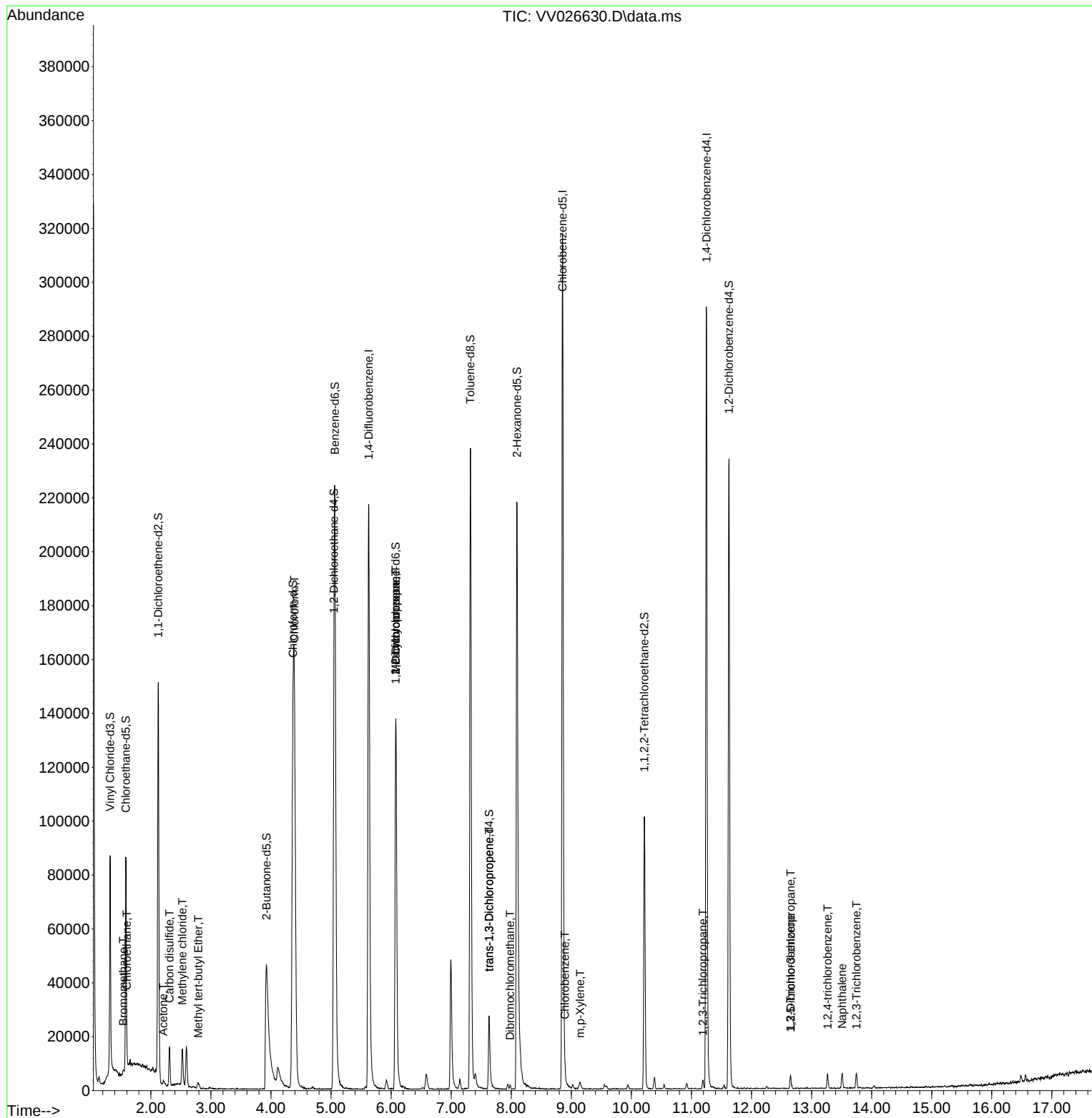
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

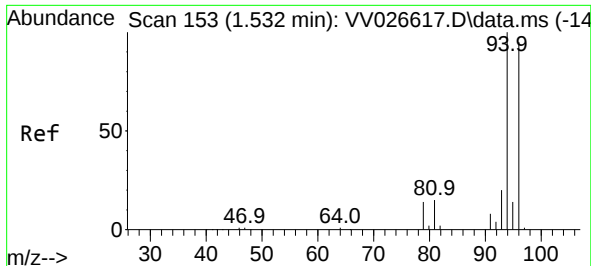
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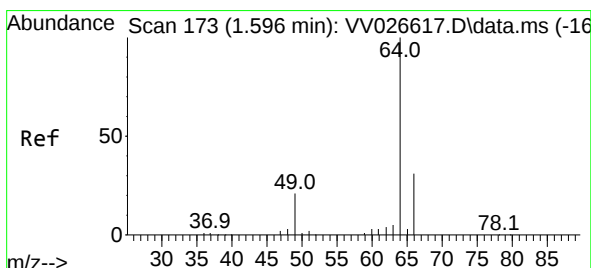
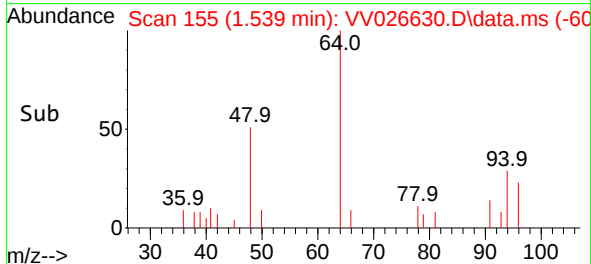
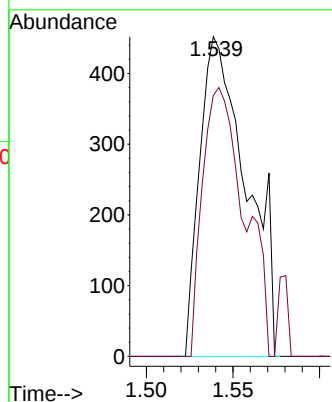
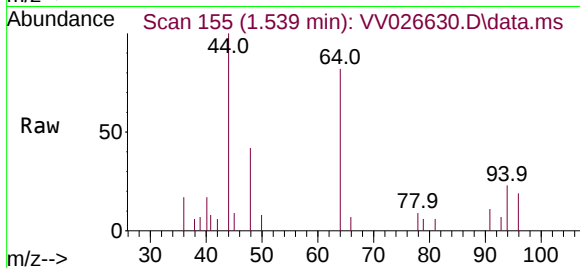




#6
Bromomethane
Concen: 0.089 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

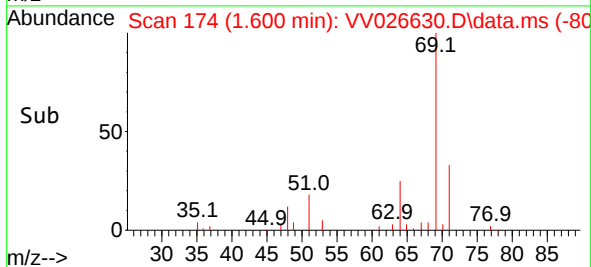
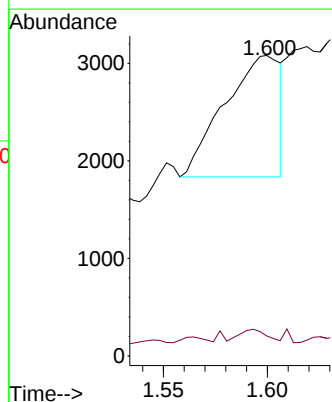
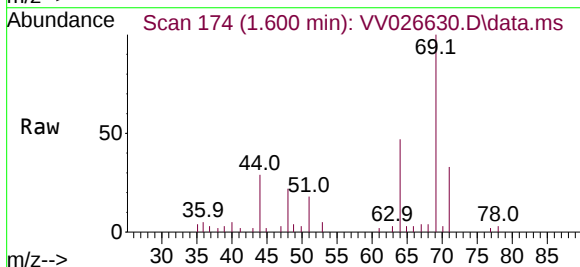
Instrument :
MSVOA_V
ClientSampleId :
COAN1

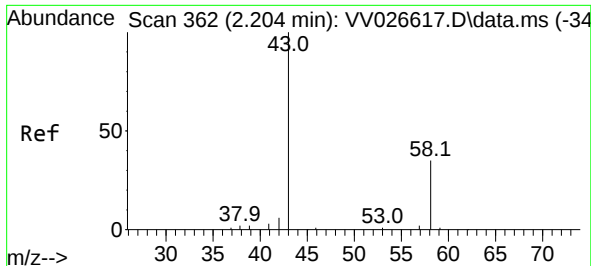
Tgt Ion: 94 Resp: 849
Ion Ratio Lower Upper
94 100
96 81.6 68.0 126.2



#8
Chloroethane
Concen: 0.193 ug/L
RT: 1.600 min Scan# 174
Delta R.T. 0.003 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

Tgt Ion: 64 Resp: 2308
Ion Ratio Lower Upper
64 100
66 6.7 20.0 37.2#





#13

Acetone

Concen: 4.276 ug/L

RT: 2.207 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026630.D

Acq: 01 Jul 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

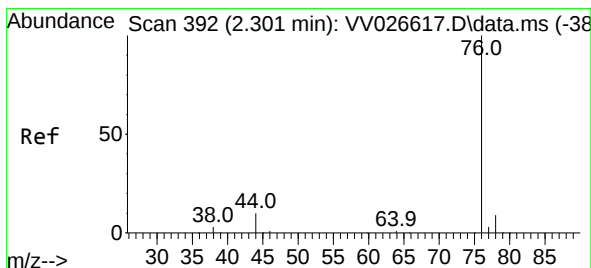
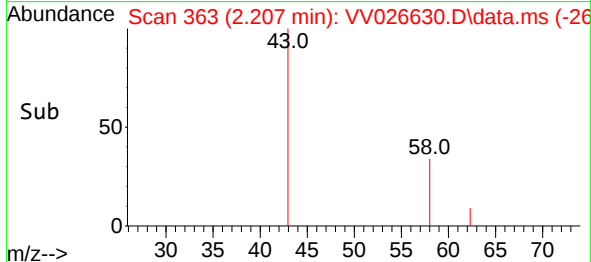
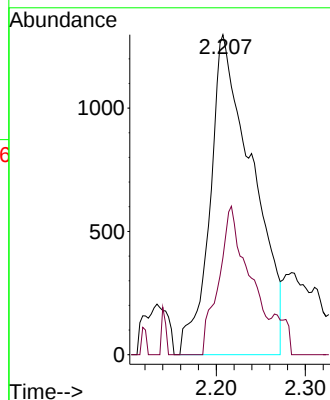
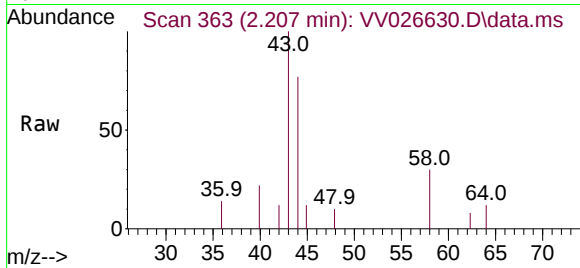
COAN1

Tgt Ion: 43 Resp: 4295

Ion Ratio Lower Upper

43 100

58 33.3 0.0 75.0



#14

Carbon disulfide

Concen: 0.500 ug/L

RT: 2.310 min Scan# 395

Delta R.T. 0.010 min

Lab File: VV026630.D

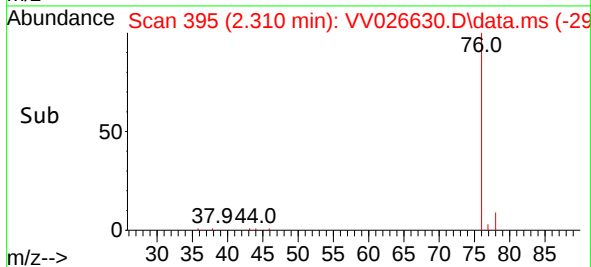
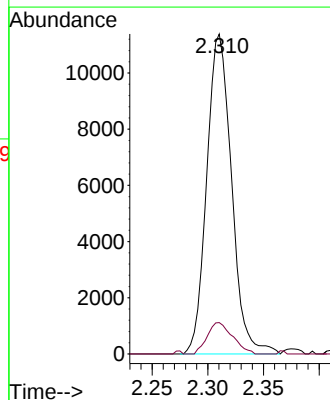
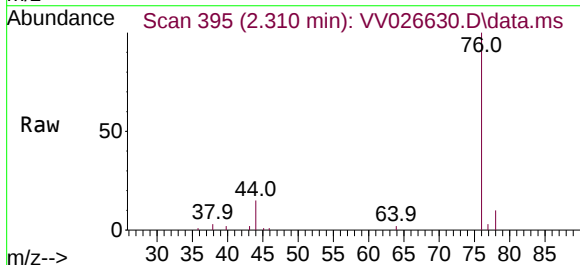
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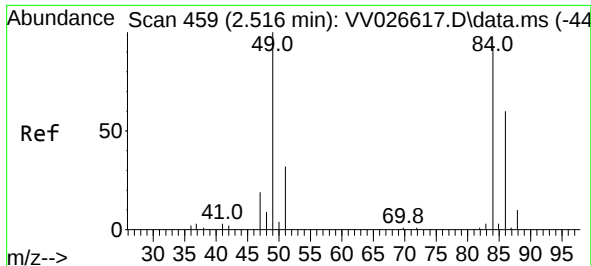
Tgt Ion: 76 Resp: 17656

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.6

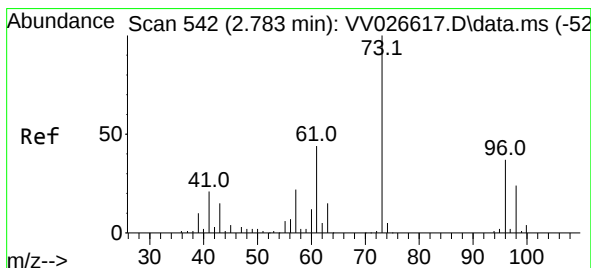
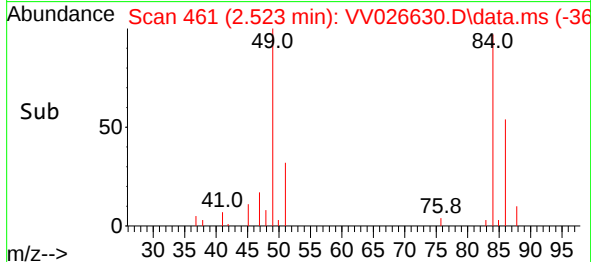
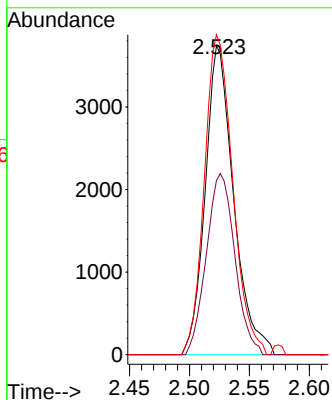
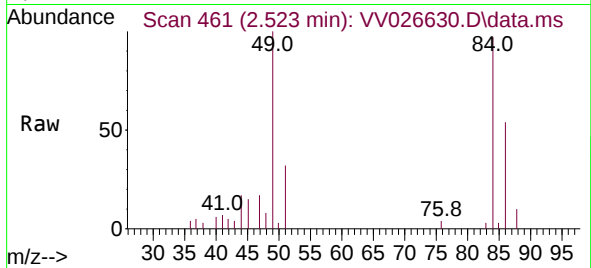




#16
Methylene chloride
Concen: 0.435 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

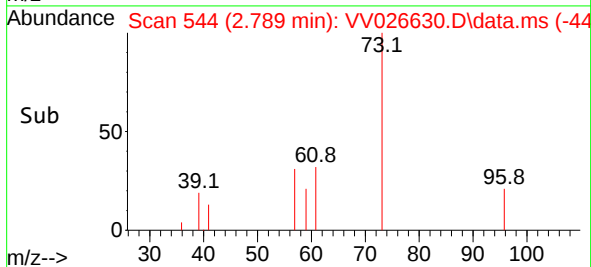
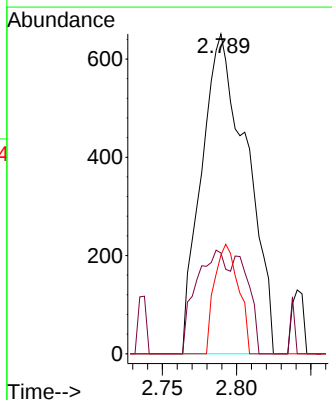
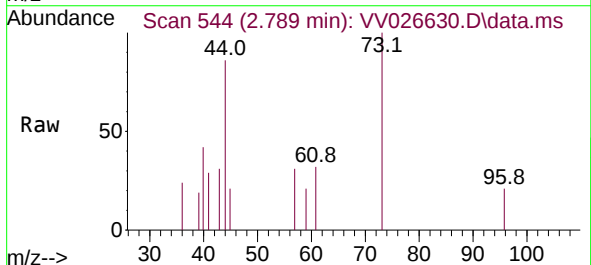
Instrument :
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ClientSampleId :
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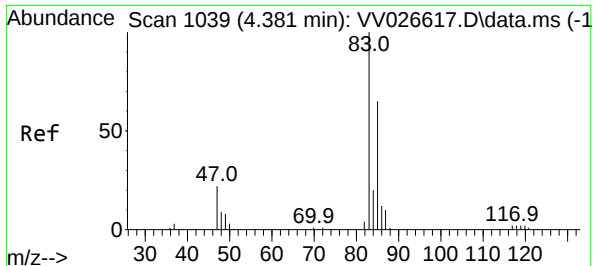
Tgt Ion: 84 Resp: 6174
Ion Ratio Lower Upper
84 100
86 56.3 46.0 85.4
49 103.6 77.7 144.3



#17
Methyl tert-butyl Ether
Concen: 0.063 ug/L
RT: 2.789 min Scan# 544
Delta R.T. 0.006 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

Tgt Ion: 73 Resp: 1380
Ion Ratio Lower Upper
73 100
43 23.4 13.3 19.9#
57 18.1 17.2 25.8

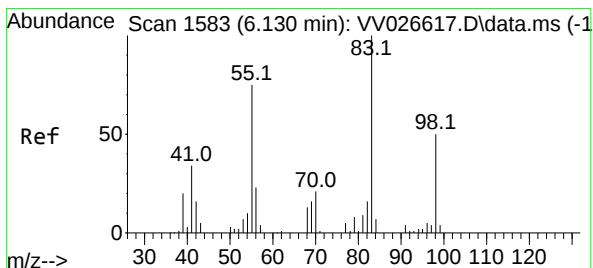
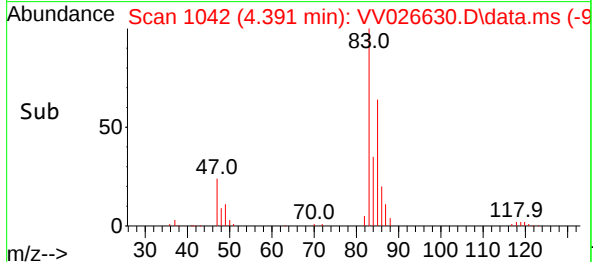
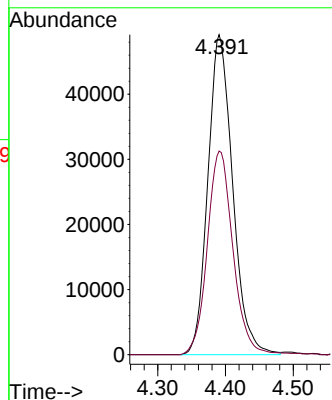
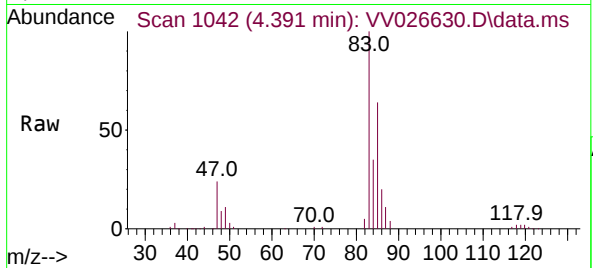




#25
Chloroform
Concen: 4.766 ug/L
RT: 4.391 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

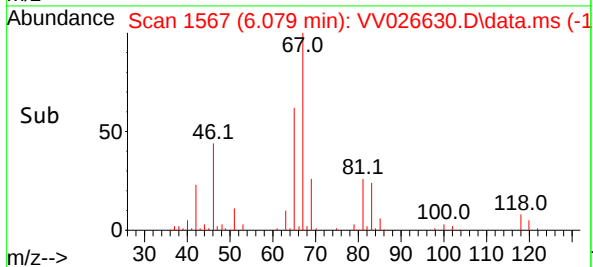
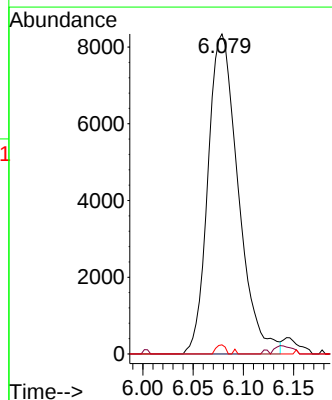
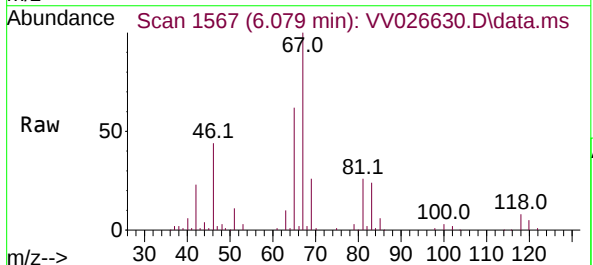
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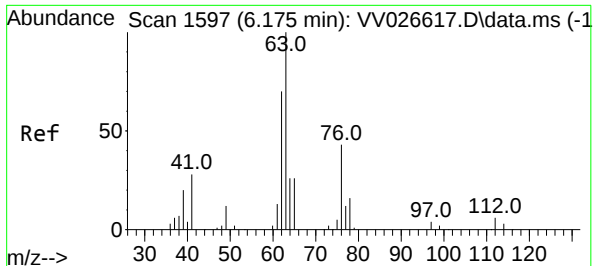
Tgt Ion: 83 Resp: 124945
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.8



#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.051 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

Tgt Ion: 83 Resp: 17439
Ion Ratio Lower Upper
83 100
55 0.2 57.0 85.4#
98 0.9 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV026630.D

Acq: 01 Jul 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

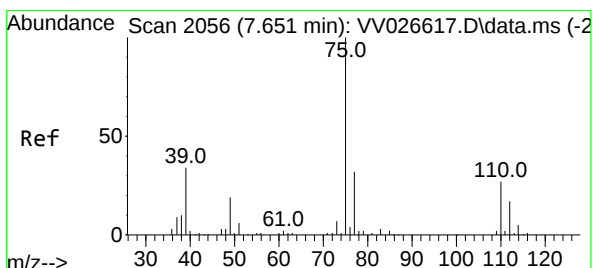
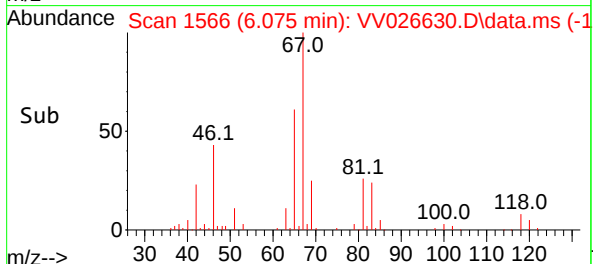
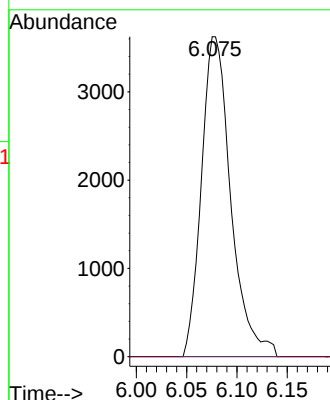
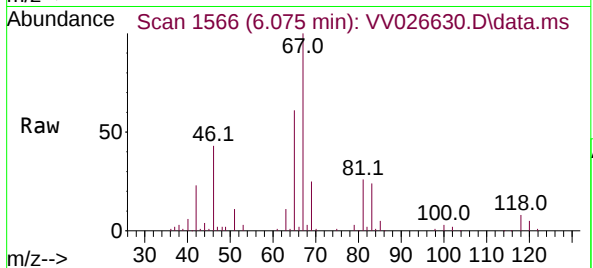
COAN1

Tgt Ion: 63 Resp: 7373

Ion Ratio Lower Upper

63 100

112 0.6 4.2 6.4#



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV026630.D

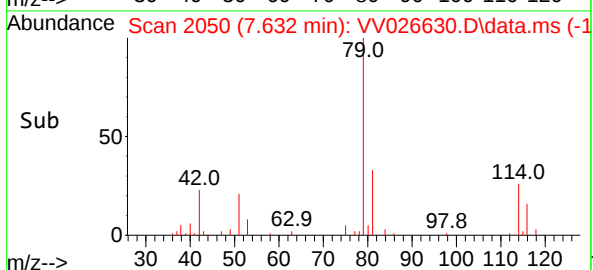
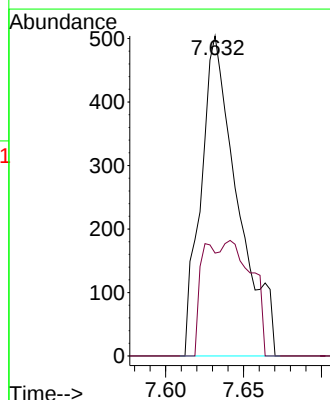
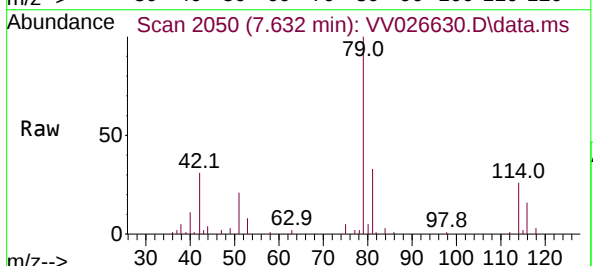
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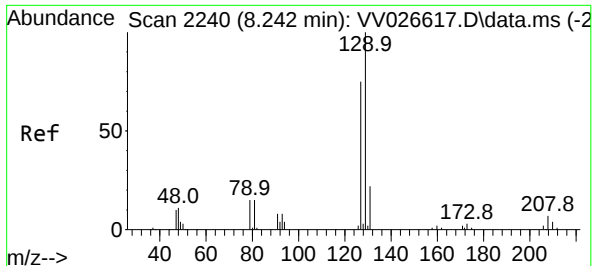
Tgt Ion: 75 Resp: 824

Ion Ratio Lower Upper

75 100

77 32.1 23.1 42.9





#49

Dibromochloromethane

Concen: 0.025 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

Lab File: VV026630.D

Acq: 01 Jul 2022 15:52

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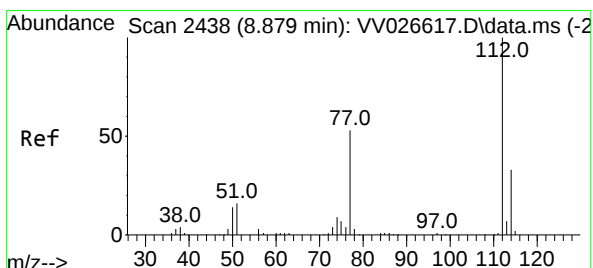
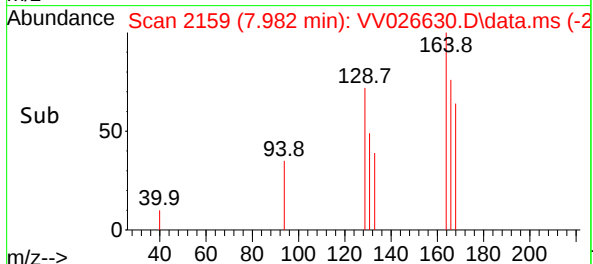
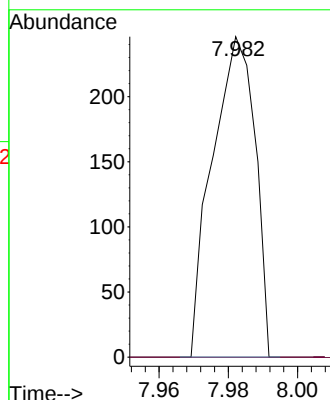
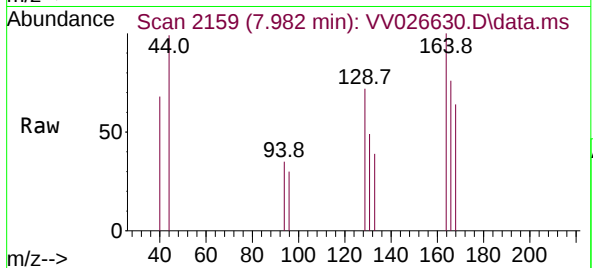
COAN1

Tgt Ion:129 Resp: 211

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#51

Chlorobenzene

Concen: 0.032 ug/L

RT: 8.895 min Scan# 2443

Delta R.T. 0.016 min

Lab File: VV026630.D

Acq: 01 Jul 2022 15:52

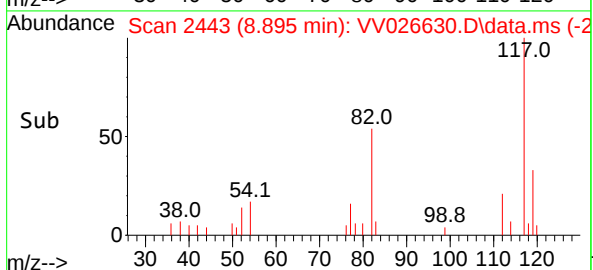
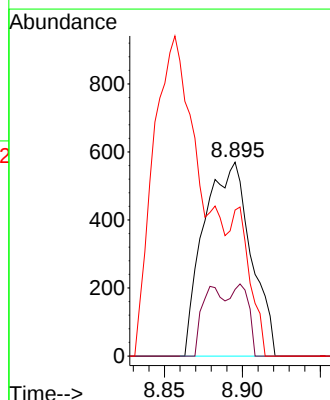
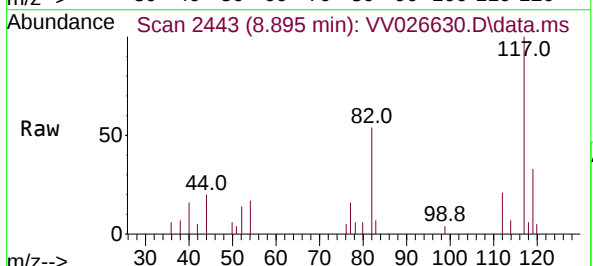
Tgt Ion:112 Resp: 1196

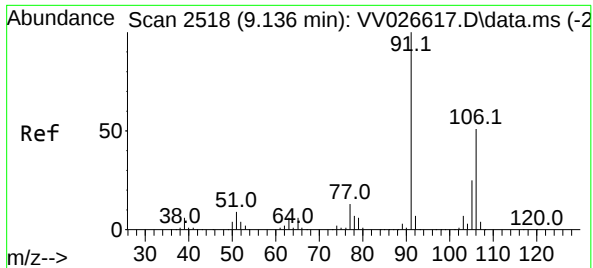
Ion Ratio Lower Upper

112 100

114 34.4 22.3 41.5

77 75.3 44.4 66.6#

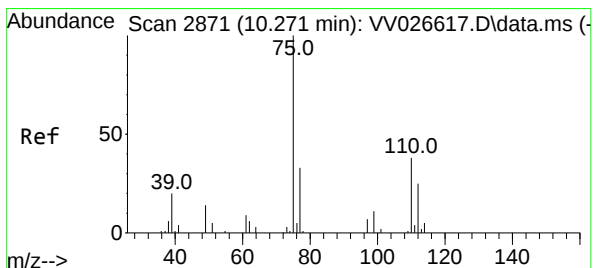
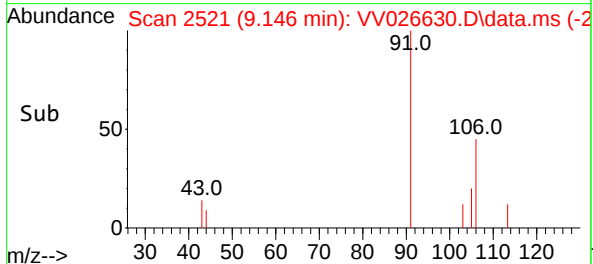
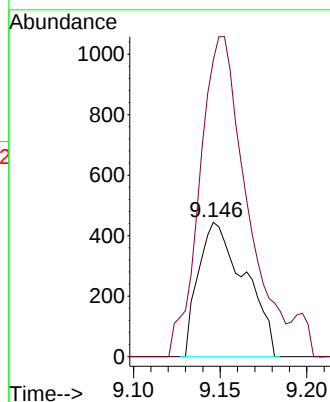
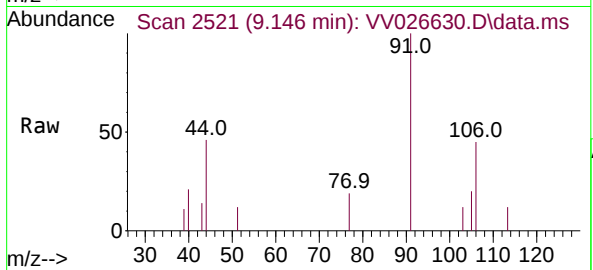




#53
m,p-Xylene
Concen: 0.036 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

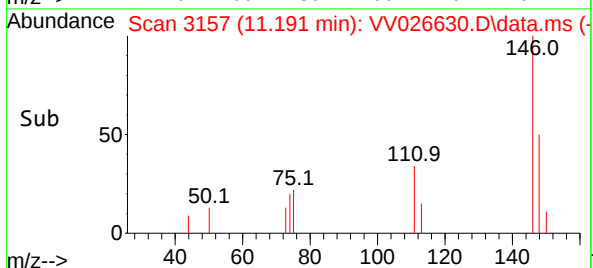
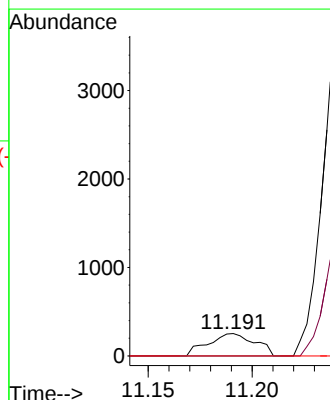
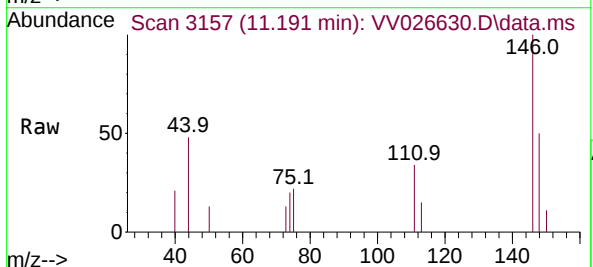
Instrument :
MSVOA_V
ClientSampleId :
COAN1

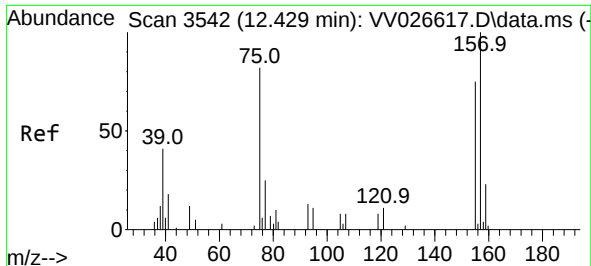
Tgt Ion:106 Resp: 826
Ion Ratio Lower Upper
106 100
91 220.9 139.9 259.9



#61
1,2,3-Trichloropropane
Concen: 0.078 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.920 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

Tgt Ion: 75 Resp: 396
Ion Ratio Lower Upper
75 100
77 63.1 25.8 38.6#
110 0.0 32.5 48.7#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.260 ug/L

RT: 12.651 min Scan# 3

Delta R.T. 0.222 min

Lab File: VV026630.D

Acq: 01 Jul 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

COAN1

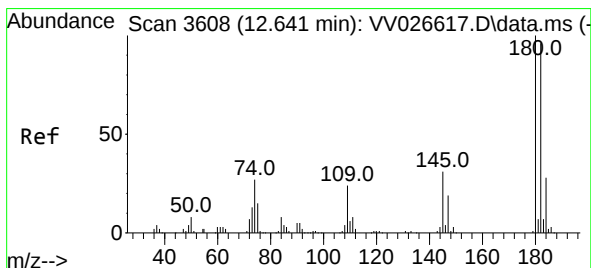
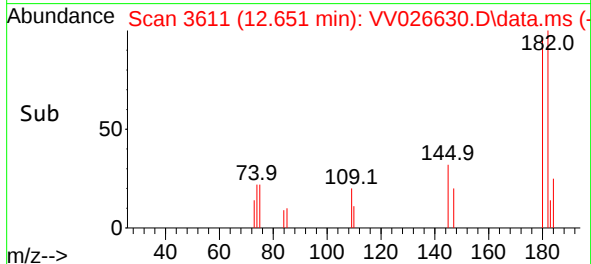
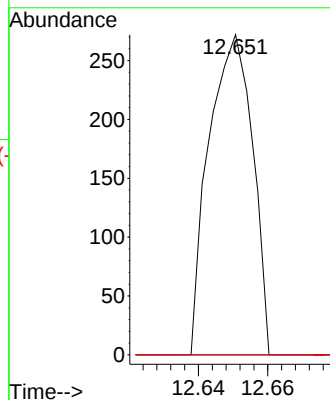
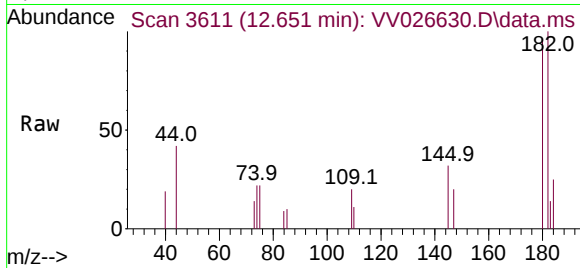
Tgt Ion: 75 Resp: 238

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: 0.116 ug/L

RT: 12.654 min Scan# 3612

Delta R.T. 0.013 min

Lab File: VV026630.D

Acq: 01 Jul 2022 15:52

Tgt Ion:180 Resp: 1963

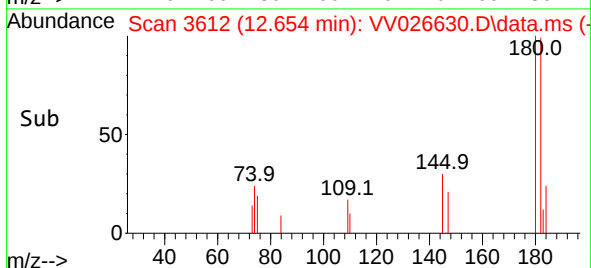
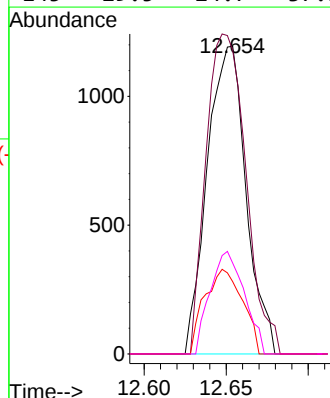
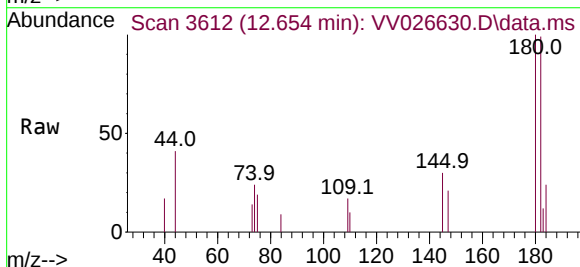
Ion Ratio Lower Upper

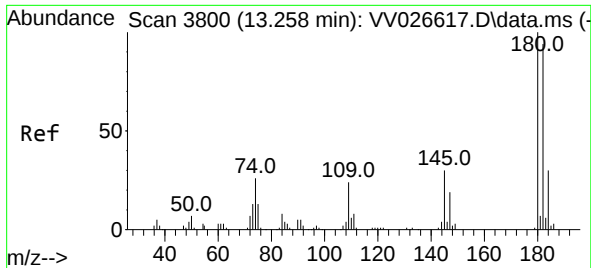
180 100

182 106.8 76.6 115.0

184 27.0 24.1 36.1

145 29.5 24.7 37.1

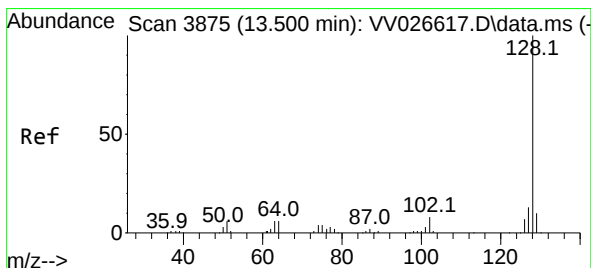
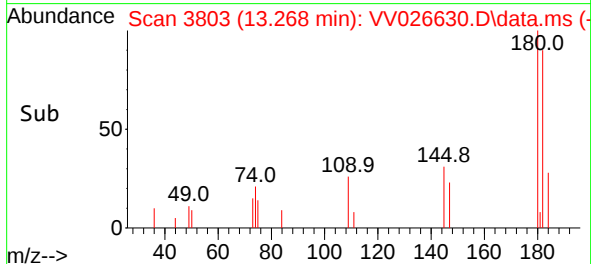
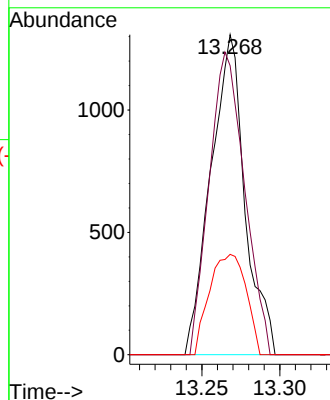
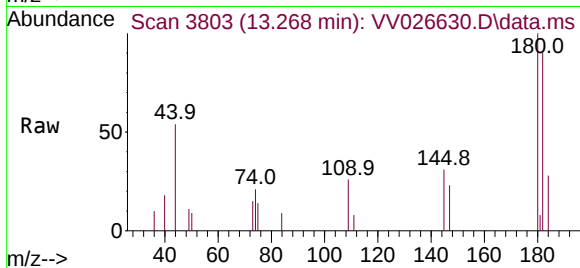




#70
1,2,4-trichlorobenzene
Concen: 0.166 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

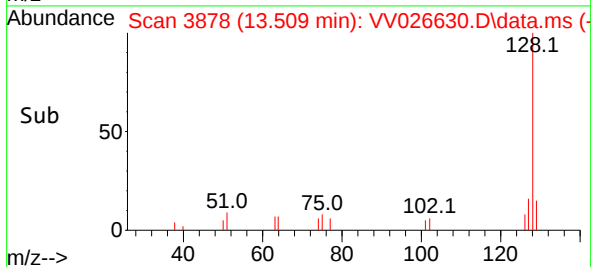
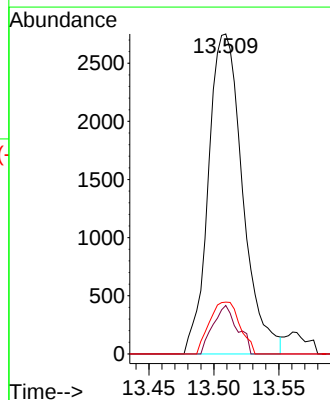
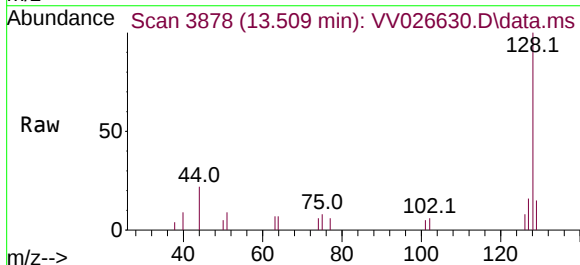
Instrument :
MSVOA_V
ClientSampleId :
COAN1

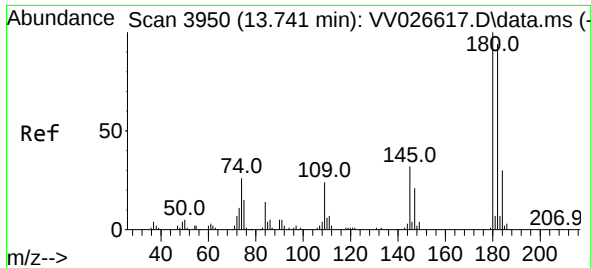
Tgt Ion:180 Resp: 1991
Ion Ratio Lower Upper
180 100
182 97.9 75.2 112.8
145 33.7 24.4 36.6



#71
Naphthalene
Concen: 0.322 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV026630.D
Acq: 01 Jul 2022 15:52

Tgt Ion:128 Resp: 5034
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 14.4 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.207 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV026630.D
 Acq: 01 Jul 2022 15:52

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN1

Tgt Ion:	180	Resp:	2034
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.8	115.2
145	25.9	25.8	38.6

