

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060922\
 Data File : VV026085.D
 Acq On : 10 Jun 2022 04:06
 Operator : SY/MD
 Sample : N3273-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B71

Quant Time: Jun 10 05:47:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

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

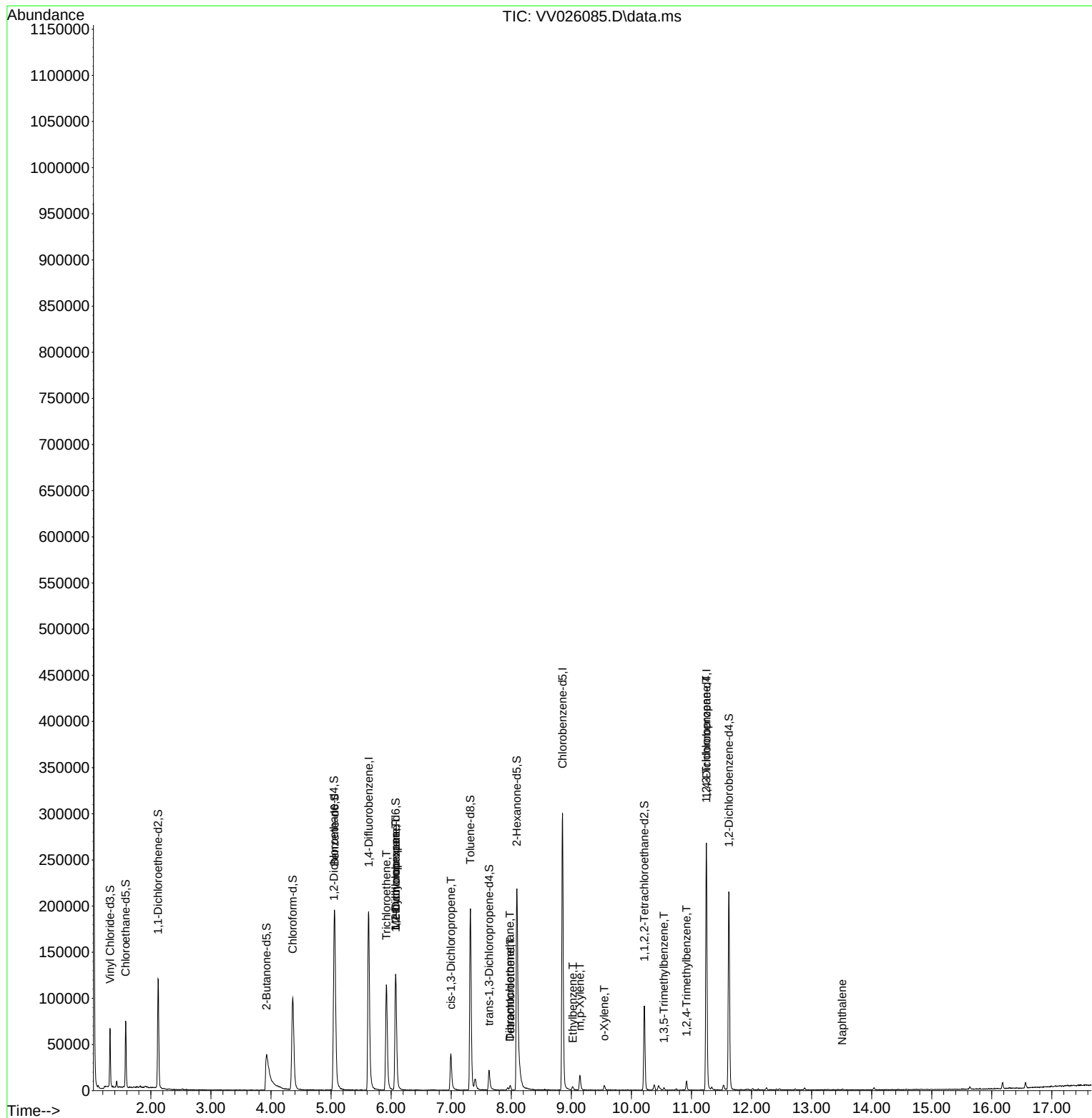
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	172786	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	170943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	37715	3.718	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.581	69	45936	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.121	63	63335	2.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.000%#
20) 2-Butanone-d5	3.928	46	107019	71.339	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.680%#
24) Chloroform-d	4.362	84	106835	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.047	65	46849	5.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.060	84	180525	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.076	67	63828	4.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.320	98	136911	3.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.632	79	14037	3.731	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.092	63	80528	48.637	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46246	5.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	56243	5.229	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
34) Trichloroethene	5.921	95	40877	2.913	ug/L	97
35) Methylcyclohexane	6.076	83	15377	0.711	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7015	0.539	ug/L #	86
39) cis-1,3-Dichloropropene	6.995	75	1259	0.078	ug/L	92
47) Tetrachloroethene	7.986	164	1267	0.117	ug/L	83
49) Dibromochloromethane	7.979	129	1214	0.132	ug/L #	9
52) Ethylbenzene	9.024	91	3047	0.052	ug/L	90
53) m,p-Xylene	9.143	106	4973	0.219	ug/L	89
54) o-Xylene	9.548	106	1350	0.062	ug/L	95
61) 1,2,3-Trichloropropane	11.246	75	8468	1.543	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.542	105	1752	0.047	ug/L	88
63) 1,2,4-Trimethylbenzene	10.918	105	5871	0.159	ug/L	93
71) Naphthalene	13.509	128	1155	0.068	ug/L #	71

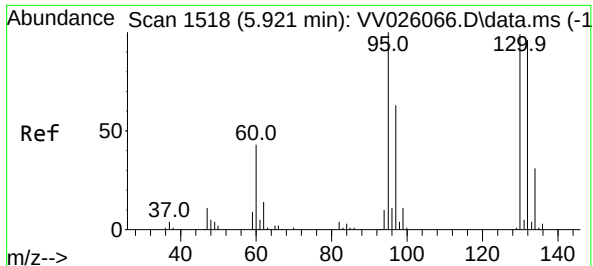
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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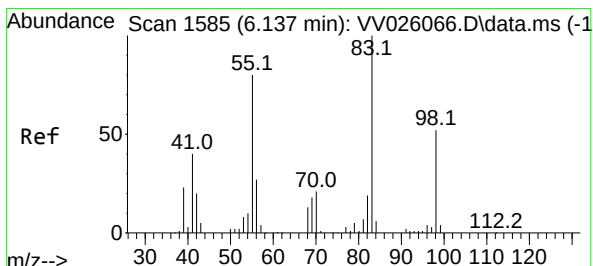
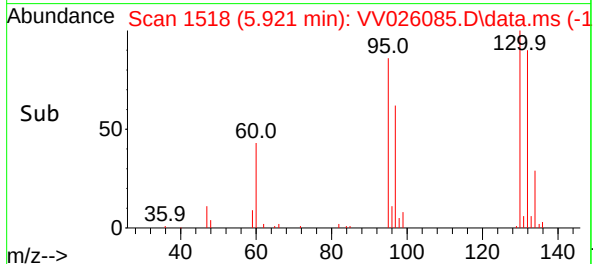
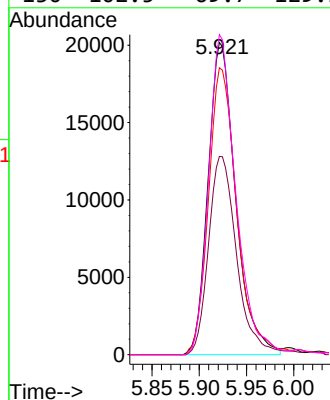
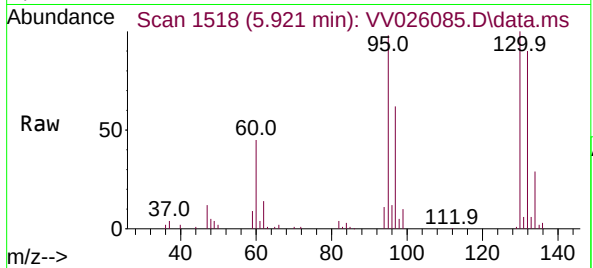


#34
Trichloroethene
Concen: 2.913 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VV026085.D
Acq: 10 Jun 2022 04:06

Instrument :
MSVOA_V
ClientSampleId :
C0B71

Tgt Ion: 95 Resp: 40877

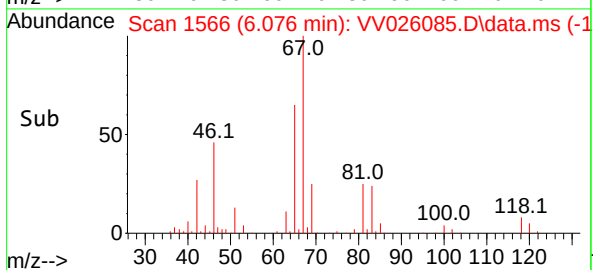
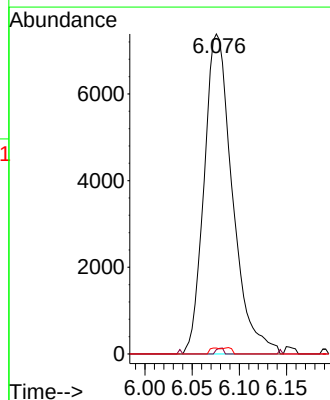
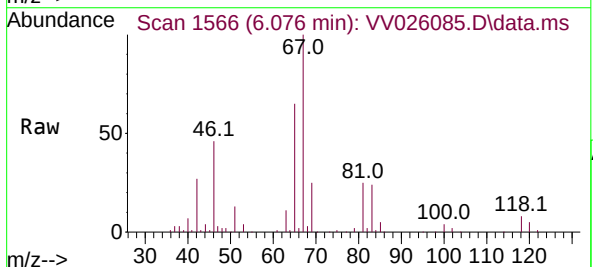
Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.0	81.6
132	91.9	67.5	125.4
130	102.5	69.7	129.5

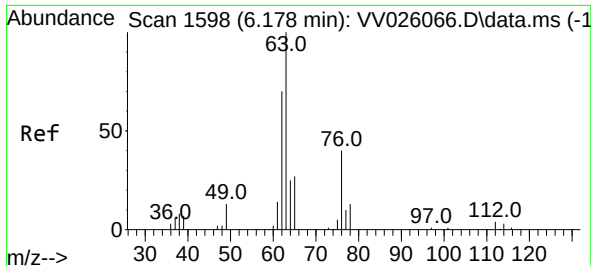


#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026085.D
Acq: 10 Jun 2022 04:06

Tgt Ion: 83 Resp: 15377

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.4	89.0#
98	0.6	38.9	58.3#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026085.D

Acq: 10 Jun 2022 04:06

Instrument :

MSVOA_V

ClientSampleId :

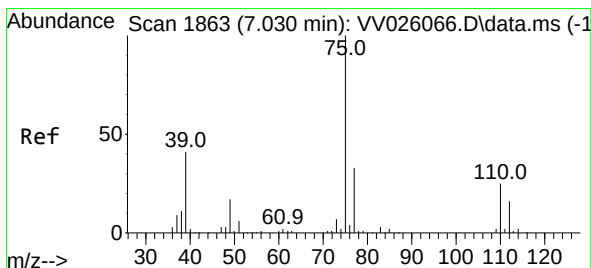
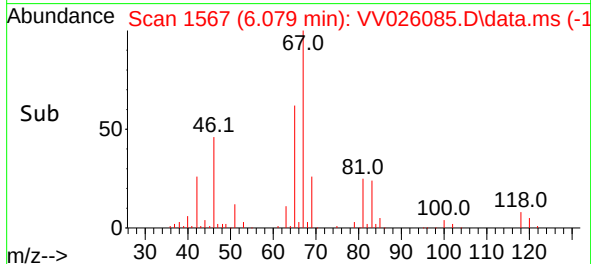
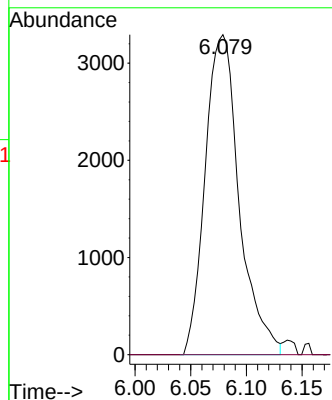
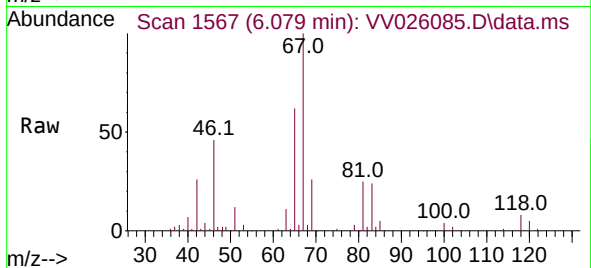
C0B71

Tgt Ion: 63 Resp: 7015

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026085.D

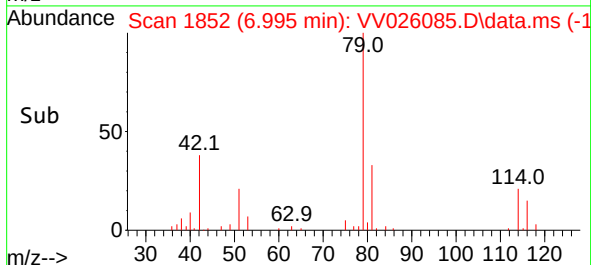
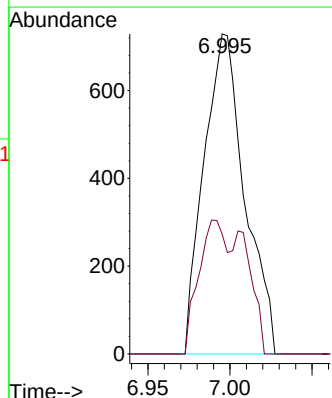
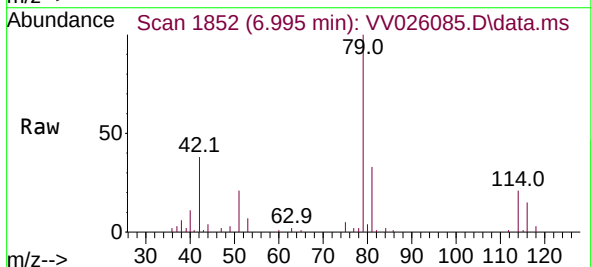
Acq: 10 Jun 2022 04:06

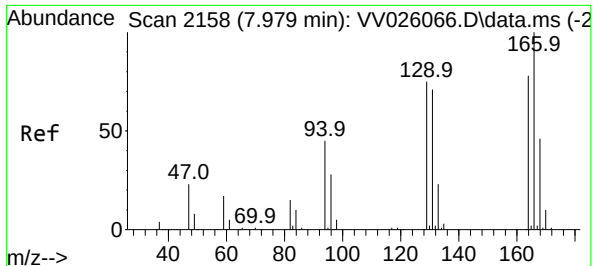
Tgt Ion: 75 Resp: 1259

Ion Ratio Lower Upper

75 100

77 37.4 23.2 43.0





#47

Tetrachloroethene

Concen: 0.117 ug/L

RT: 7.986 min Scan# 2160

Delta R.T. 0.006 min

Lab File: VV026085.D

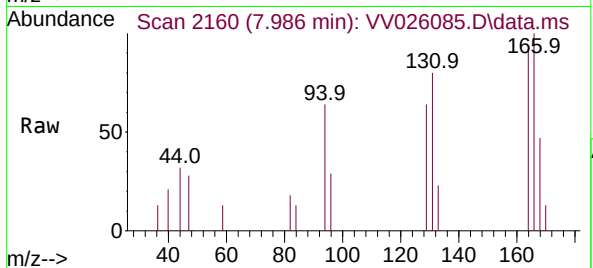
Acq: 10 Jun 2022 04:06

Instrument :

MSVOA_V

ClientSampleId :

C0B71



Tgt Ion:164 Resp: 1267

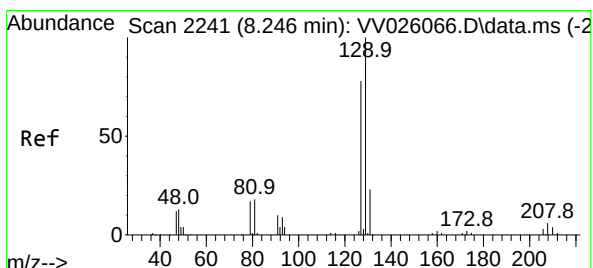
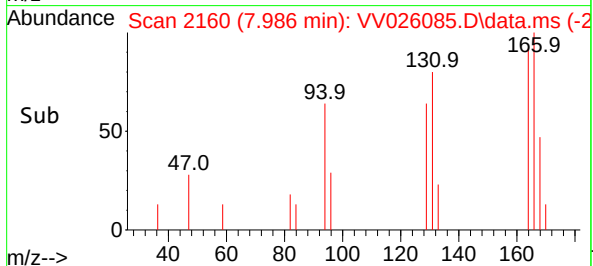
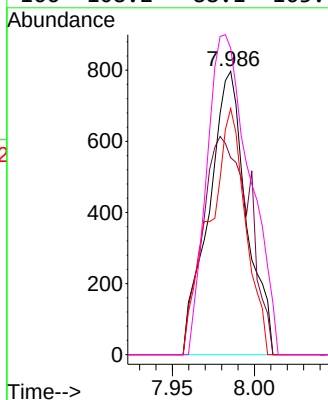
Ion Ratio Lower Upper

164 100

129 69.5 68.3 126.9

131 86.8 66.5 123.5

166 108.2 88.1 163.7



#49

Dibromochloromethane

Concen: 0.132 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026085.D

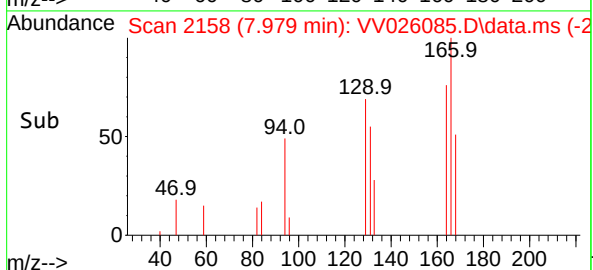
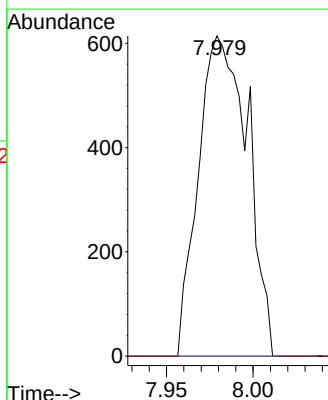
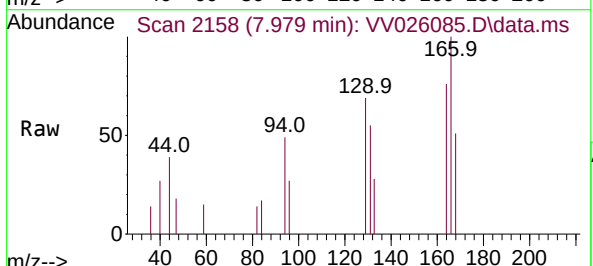
Acq: 10 Jun 2022 04:06

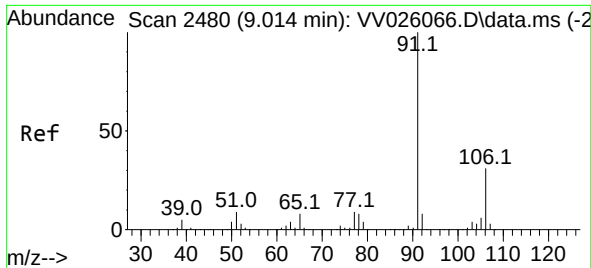
Tgt Ion:129 Resp: 1214

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#

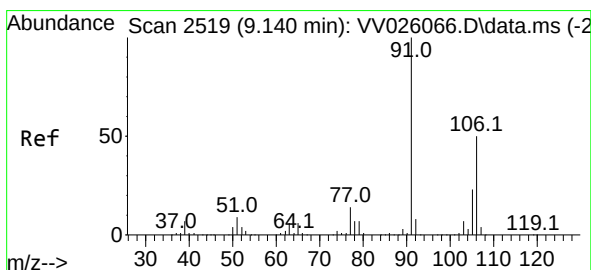
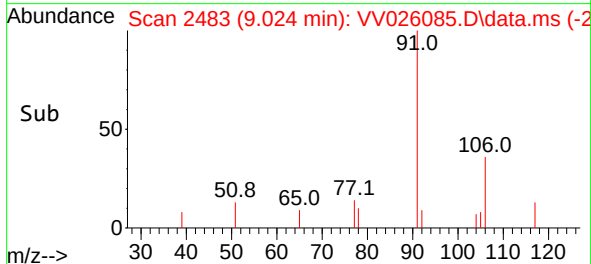
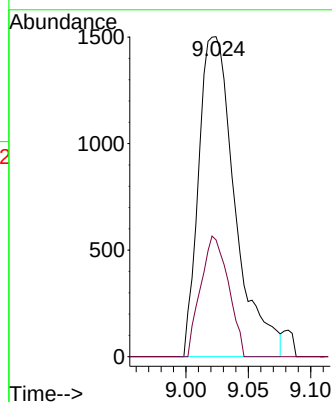
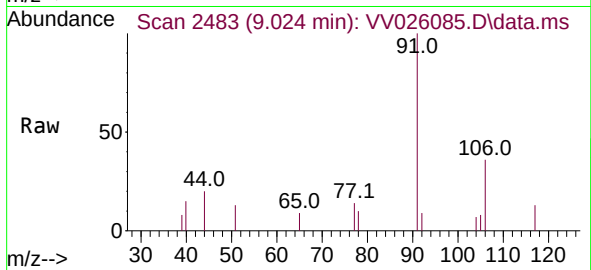




#52
Ethylbenzene
Concen: 0.052 ug/L
RT: 9.024 min Scan# 24
Delta R.T. 0.010 min
Lab File: VV026085.D
Acq: 10 Jun 2022 04:06

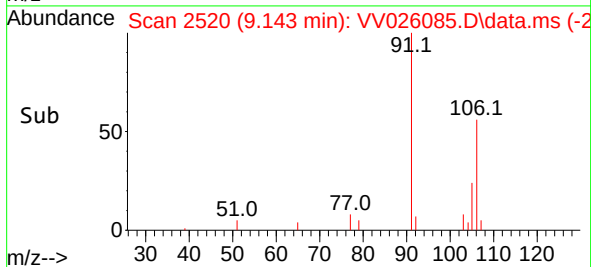
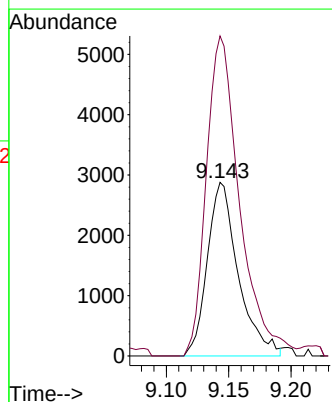
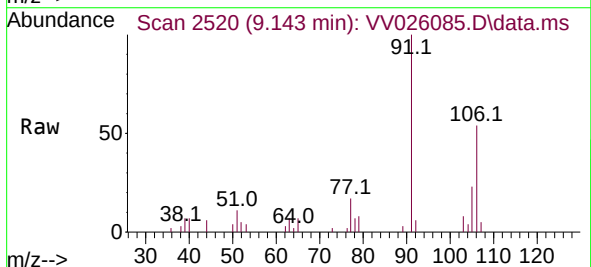
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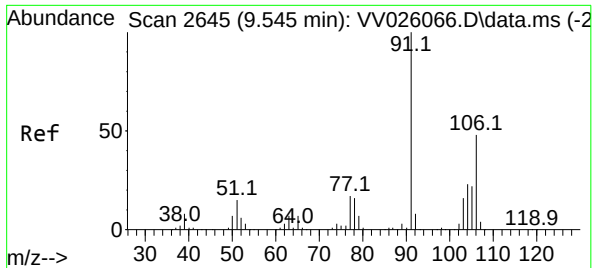
Tgt Ion: 91 Resp: 3047
Ion Ratio Lower Upper
91 100
106 36.5 21.8 40.6



#53
m,p-Xylene
Concen: 0.219 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV026085.D
Acq: 10 Jun 2022 04:06

Tgt Ion: 106 Resp: 4973
Ion Ratio Lower Upper
106 100
91 184.4 140.4 260.8

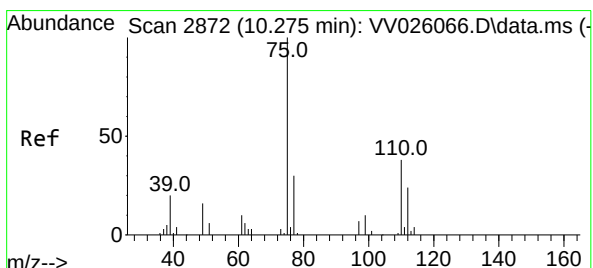
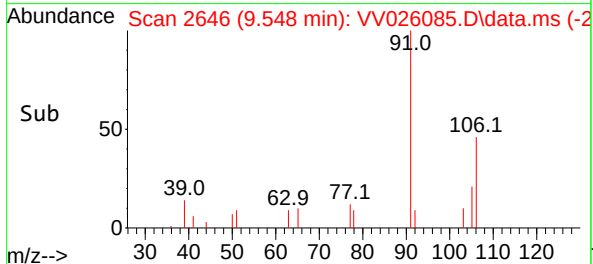
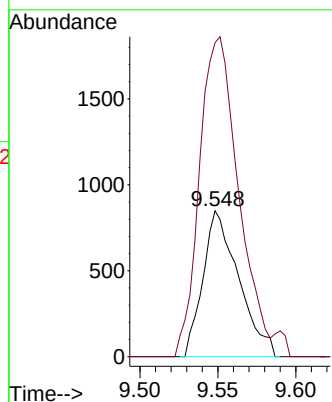
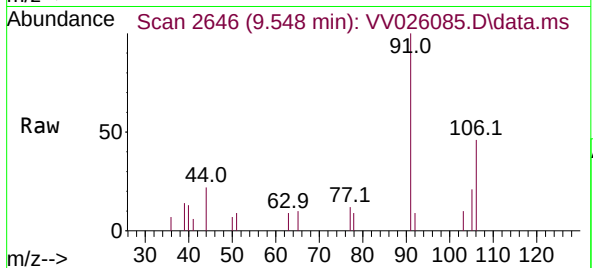




#54
o-Xylene
Concen: 0.062 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026085.D
Acq: 10 Jun 2022 04:06

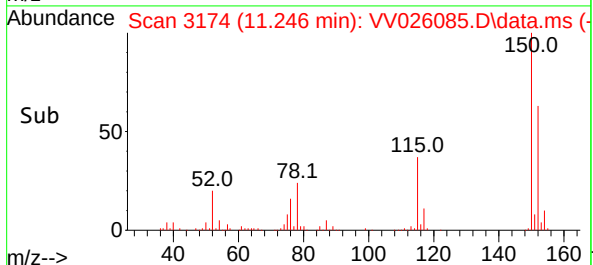
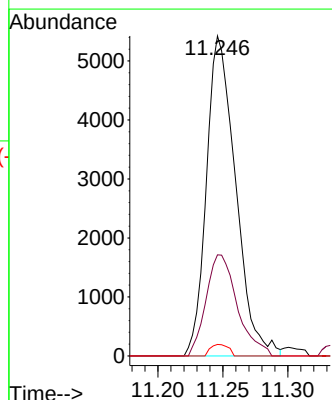
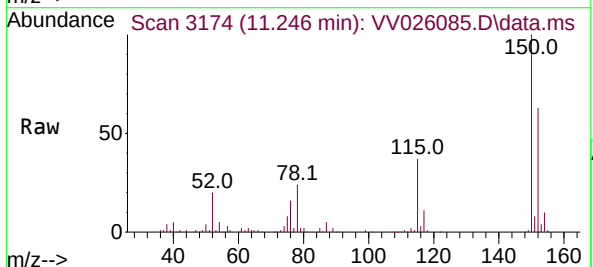
Instrument :
MSVOA_V
ClientSampleId :
C0B71

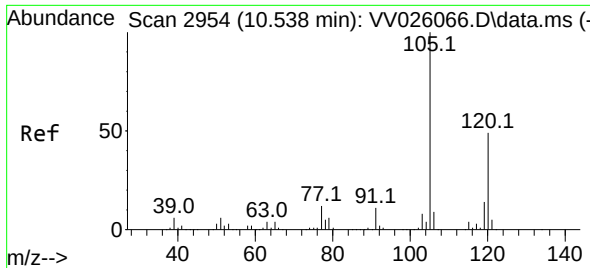
Tgt Ion:106 Resp: 1350
Ion Ratio Lower Upper
106 100
91 215.3 145.4 270.0



#61
1,2,3-Trichloropropane
Concen: 1.543 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV026085.D
Acq: 10 Jun 2022 04:06

Tgt Ion: 75 Resp: 8468
Ion Ratio Lower Upper
75 100
77 33.9 26.6 40.0
110 2.2 32.0 48.0#

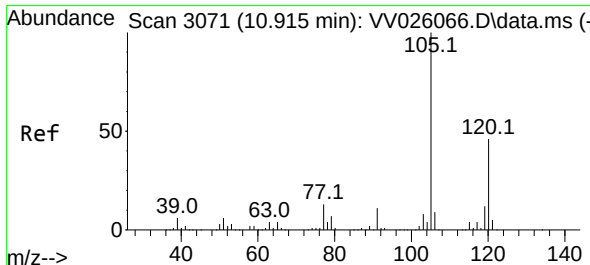
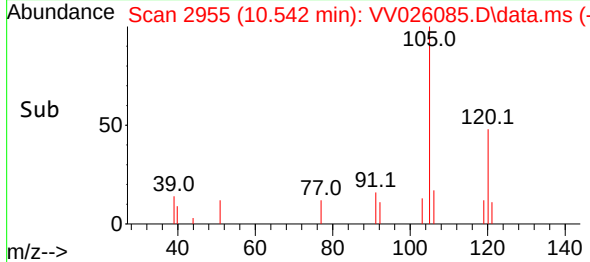
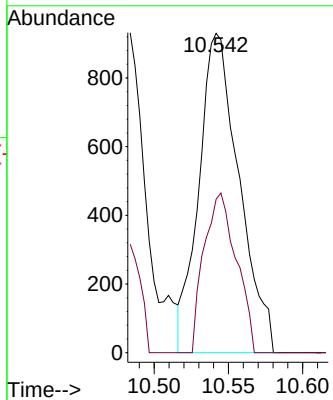
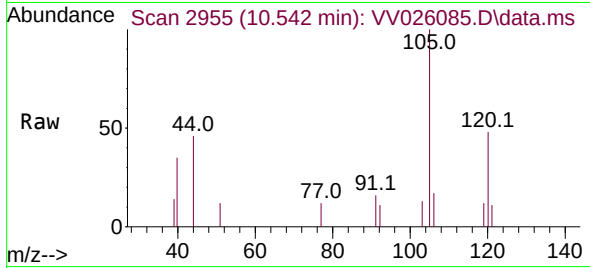




#62
 1,3,5-Trimethylbenzene
 Concen: 0.047 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV026085.D
 Acq: 10 Jun 2022 04:06

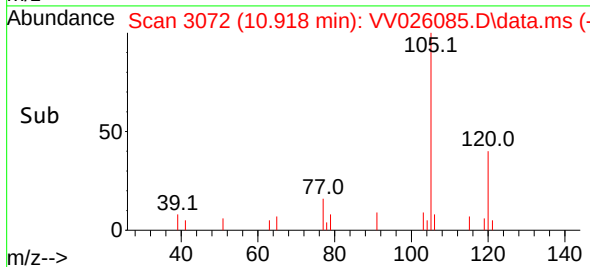
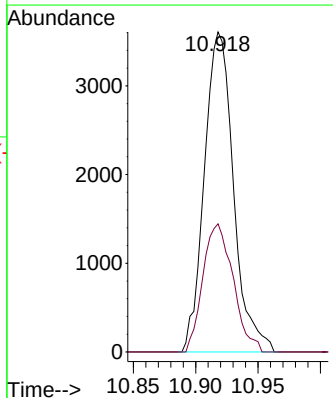
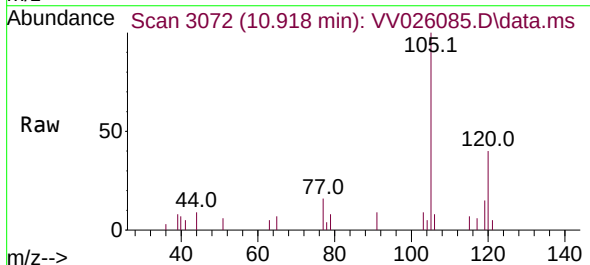
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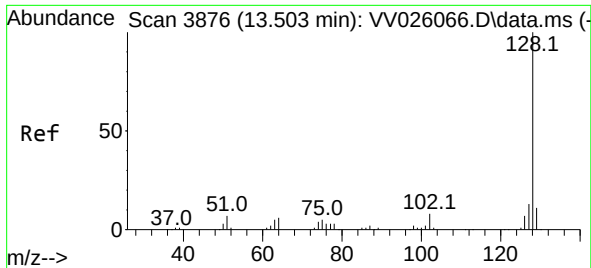
Tgt Ion:105 Resp: 1752
 Ion Ratio Lower Upper
 105 100
 120 40.2 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 0.159 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV026085.D
 Acq: 10 Jun 2022 04:06

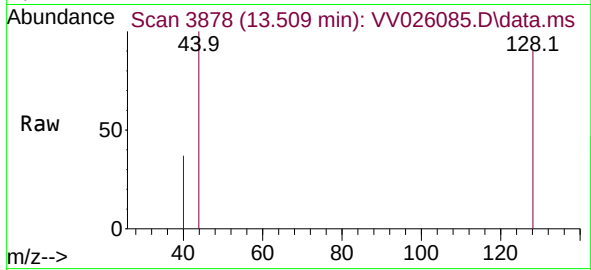
Tgt Ion:105 Resp: 5871
 Ion Ratio Lower Upper
 105 100
 120 41.5 36.7 55.1





#71
Naphthalene
Concen: 0.068 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV026085.D
Acq: 10 Jun 2022 04:06

Instrument :
MSVOA_V
ClientSampleId :
C0B71



Tgt Ion:128 Resp: 1155
Ion Ratio Lower Upper
128 100
129 1.7 8.7 13.1#
127 0.0 10.3 15.5#

