

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025482.D
 Acq On : 12 Apr 2022 18:16
 Operator : SY/MD
 Sample : N2256-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS6

Quant Time: Apr 13 02:35:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135991	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	134394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56018	4.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.571	69	49641	3.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.111	63	80787	3.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.905	46	78940	51.329	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.660%
24) Chloroform-d	4.352	84	86426	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.037	65	40076	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.053	84	175719	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.069	67	54097	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.317	98	147446	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.625	79	13747	3.771	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.088	63	60064	46.951	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33711	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	53554	4.670	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3192	0.239	ug/L #	73
5) Vinyl chloride	1.310	62	625	0.041	ug/L #	1
8) Chloroethane	1.587	64	2713	0.233	ug/L	99
13) Acetone	2.204	43	4428	4.242	ug/L	90
15) Methyl Acetate	2.500	43	327700	141.252	ug/L #	43
16) Methylene chloride	2.494	84	6006	0.525	ug/L #	1
21) 2-Butanone	3.879	43	3947	2.736	ug/L #	45
22) cis-1,2-Dichloroethene	3.921	96	3193	0.307	ug/L	94
25) Chloroform	4.404	83	3791	0.215	ug/L #	28
27) 1,2-Dichloroethane	5.104	62	134440	14.420	ug/L #	74
30) Cyclohexane	4.680	56	190319	13.206	ug/L	98
33) Benzene	5.101	78	14813767	373.149	ug/L	100
35) Methylcyclohexane	6.127	83	22971	1.366	ug/L	94
39) cis-1,3-Dichloropropene	6.985	75	1273	0.106	ug/L #	59
42) Toluene	7.391	91	52189	1.209	ug/L	96
45) 1,1,2-Trichloroethane	7.789	97	4869	0.792	ug/L #	21
52) Ethylbenzene	9.014	91	20121	0.437	ug/L	99
53) m,p-Xylene	9.140	106	33060	1.888	ug/L	100
60) Isopropylbenzene	9.931	105	56590	1.337	ug/L	98

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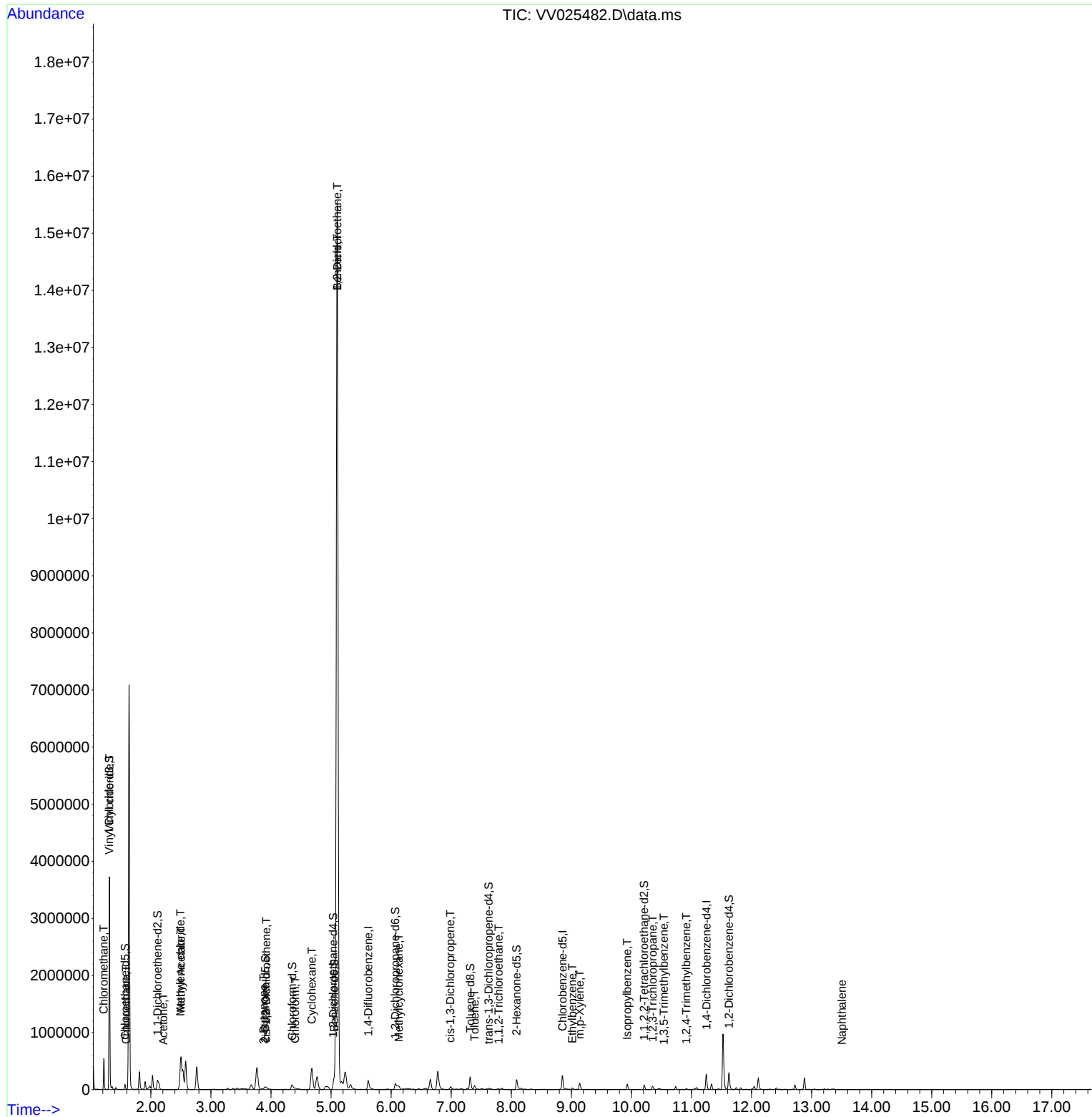
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	10.355	75	332	0.074	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.542	105	2695	0.143	ug/L	92
63) 1,2,4-Trimethylbenzene	10.914	105	8913	0.262	ug/L	98
71) Naphthalene	13.506	128	962	0.057	ug/L #	69

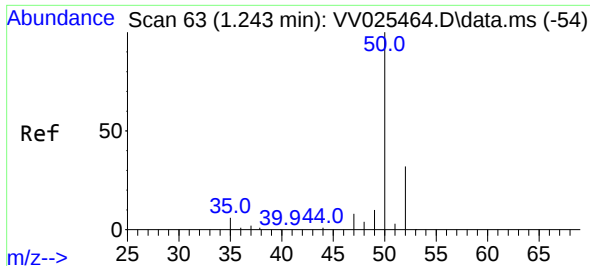
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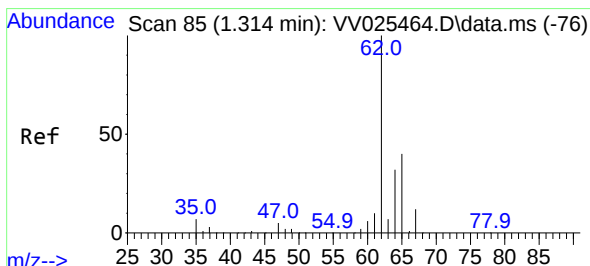
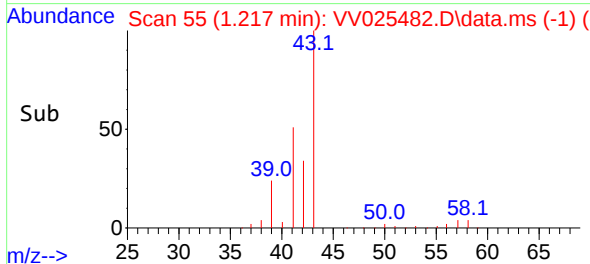
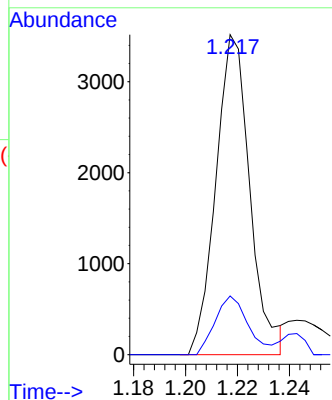
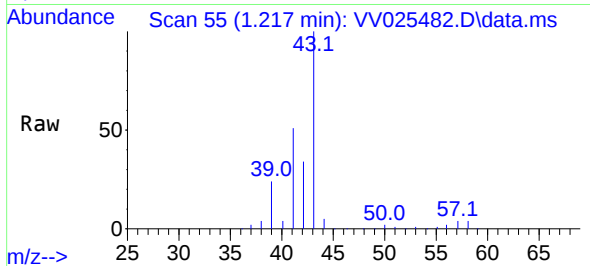




#3
Chloromethane
Concen: 0.239 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.026 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

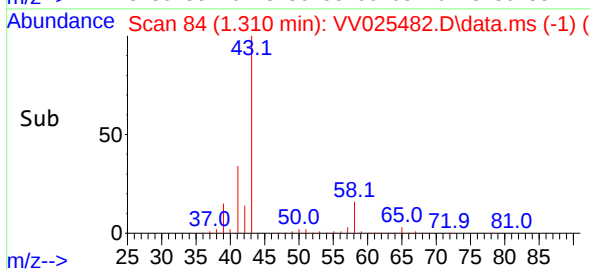
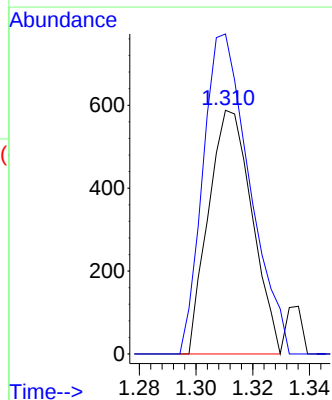
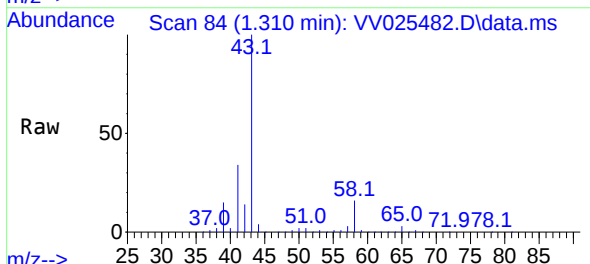
Instrument :
MSVOA_V
ClientSampleId :
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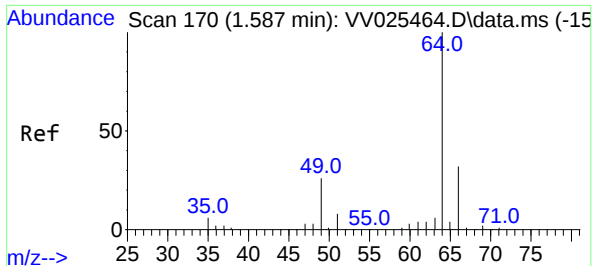
Tgt Ion: 50 Resp: 3192
Ion Ratio Lower Upper
50 100
52 18.3 23.7 43.9#



#5
Vinyl chloride
Concen: 0.041 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.003 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

Tgt Ion: 62 Resp: 625
Ion Ratio Lower Upper
62 100
64 131.3 23.2 43.2#

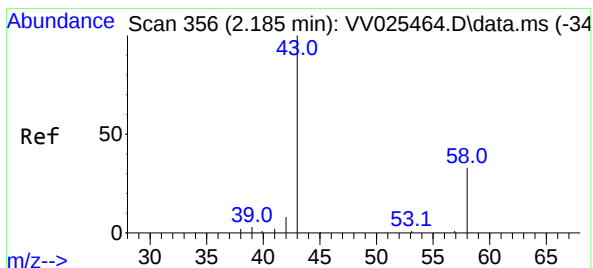
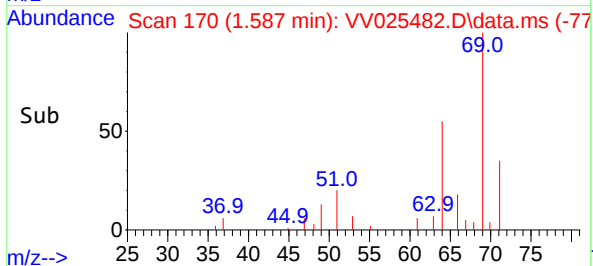
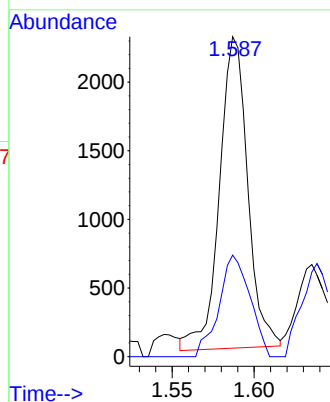
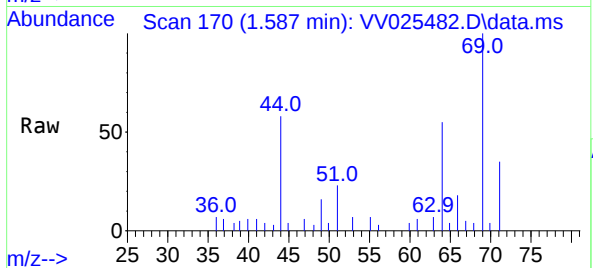




#8
Chloroethane
Concen: 0.233 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

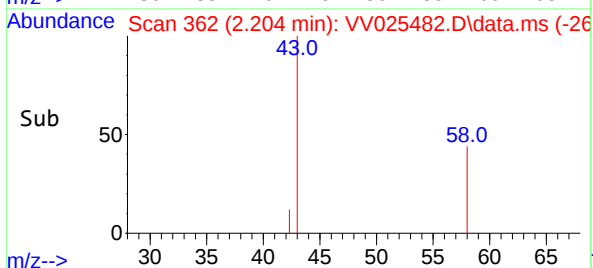
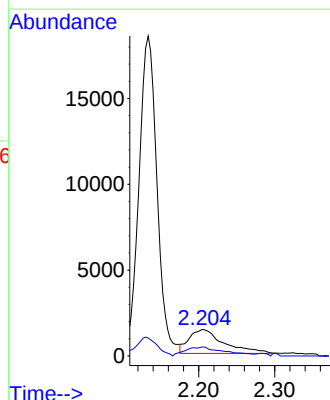
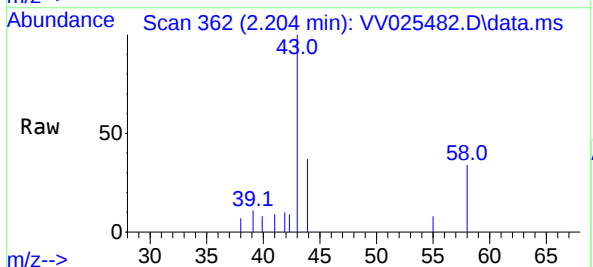
Instrument :
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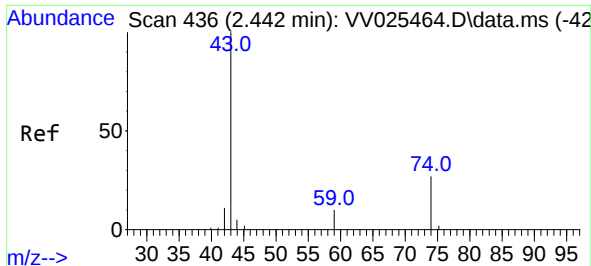
Tgt Ion: 64 Resp: 2713
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.6



#13
Acetone
Concen: 4.242 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.019 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

Tgt Ion: 43 Resp: 4428
Ion Ratio Lower Upper
43 100
58 42.1 0.0 72.2

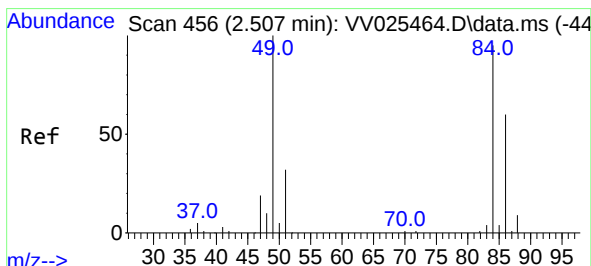
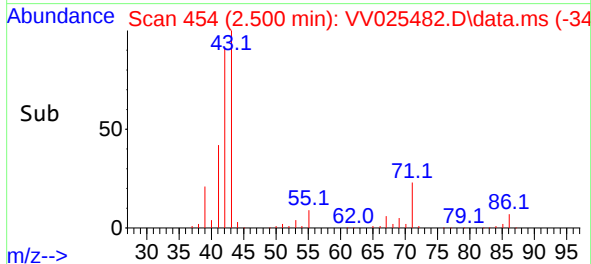
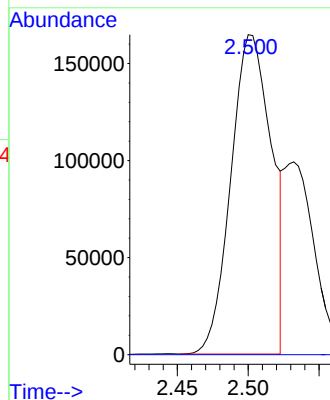
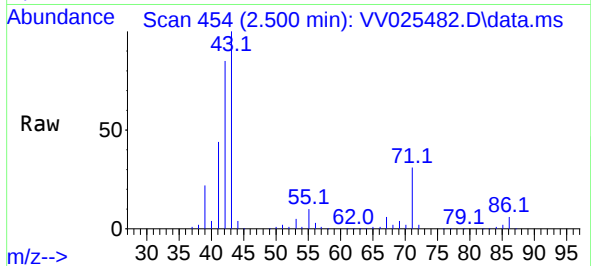




#15
Methyl Acetate
Concen: 141.252 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.058 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

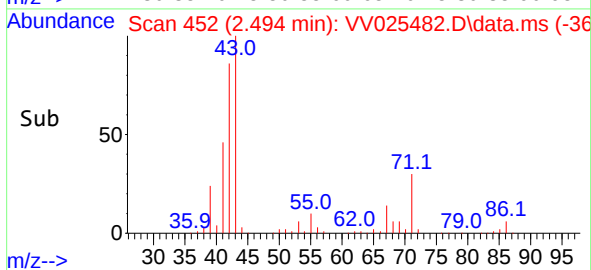
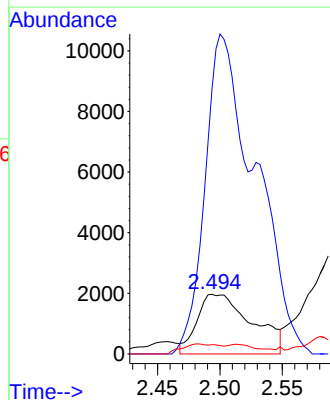
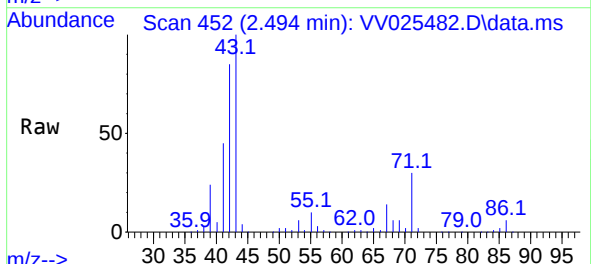
Instrument :
MSVOA_V
ClientSampleId :
GBDS6

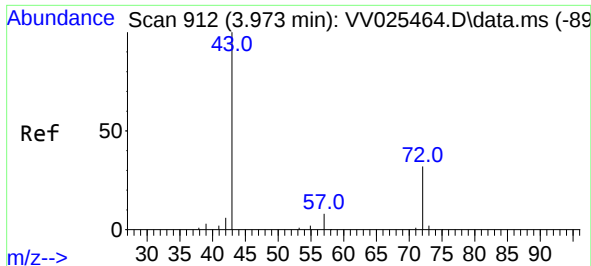
Tgt Ion: 43 Resp: 327700
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#16
Methylene chloride
Concen: 0.525 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.013 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

Tgt Ion: 84 Resp: 6006
Ion Ratio Lower Upper
84 100
86 445.1 45.9 85.3#
49 15.6 76.6 142.3#

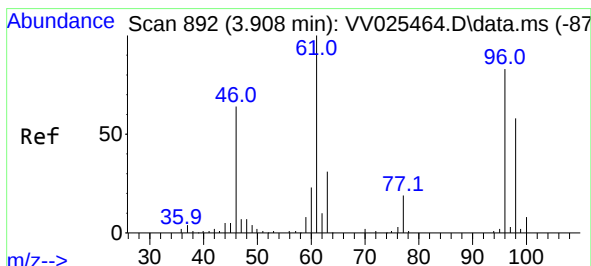
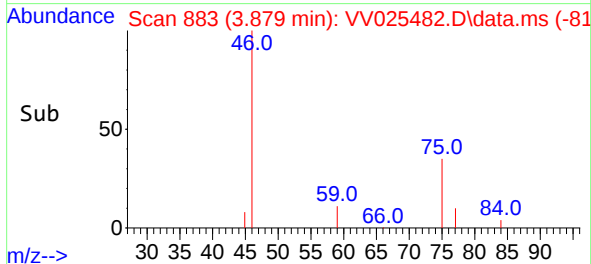
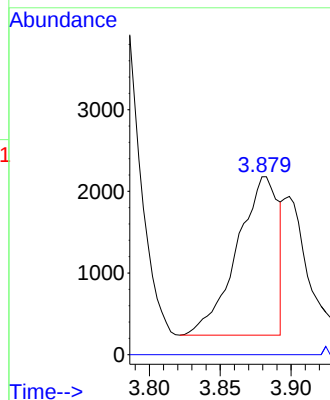
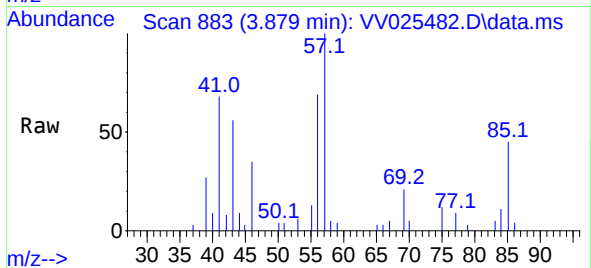




#21
2-Butanone
Concen: 2.736 ug/L
RT: 3.879 min Scan# 81
Delta R.T. -0.093 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

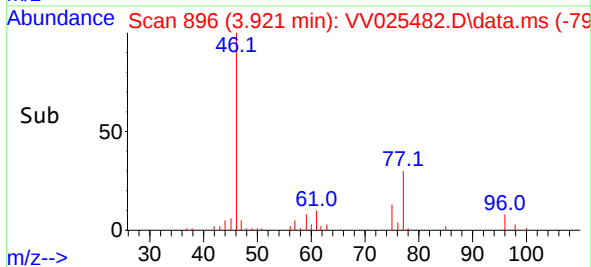
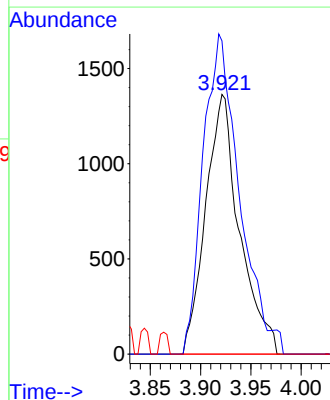
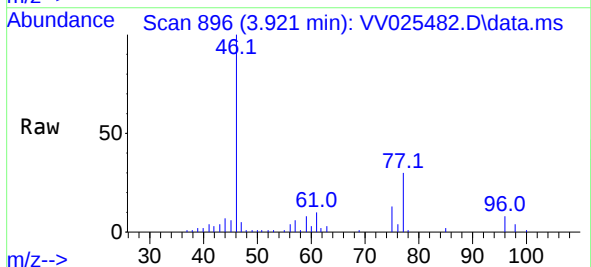
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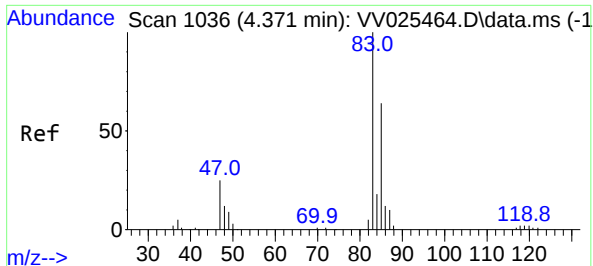
Tgt Ion: 43 Resp: 3947
Ion Ratio Lower Upper
43 100
72 0.5 15.2 45.6#



#22
cis-1,2-Dichloroethene
Concen: 0.307 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

Tgt Ion: 96 Resp: 3193
Ion Ratio Lower Upper
96 100
61 120.7 80.0 148.6
68 0.0 0.0 0.0

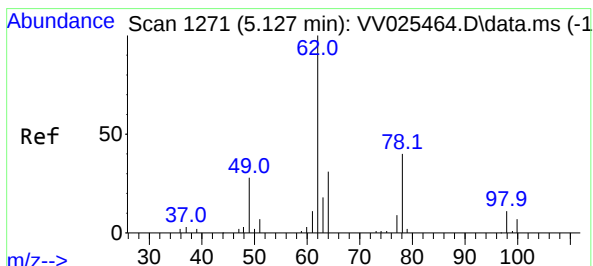
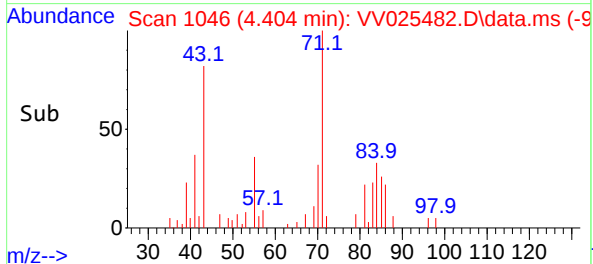
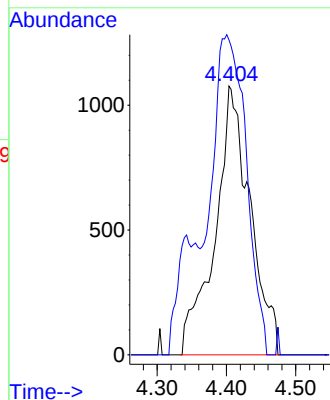
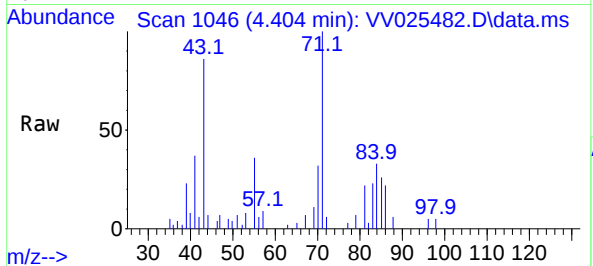




#25
Chloroform
Concen: 0.215 ug/L
RT: 4.404 min Scan# 1036
Delta R.T. 0.032 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

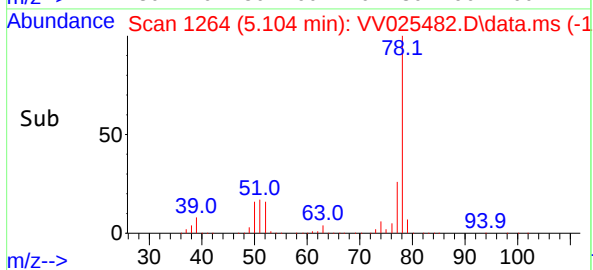
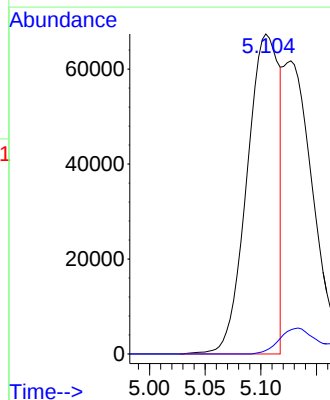
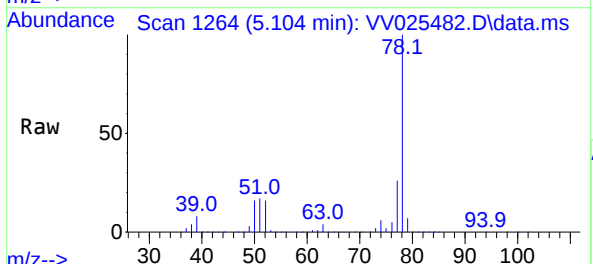
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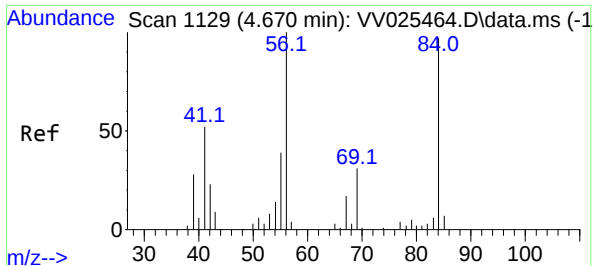
Tgt Ion: 83 Resp: 3791
Ion Ratio Lower Upper
83 100
85 117.2 43.5 80.7#



#27
1,2-Dichloroethane
Concen: 14.420 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. -0.023 min
Lab File: VV025482.D
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Tgt Ion: 62 Resp: 134440
Ion Ratio Lower Upper
62 100
98 1.1 8.8 13.2#

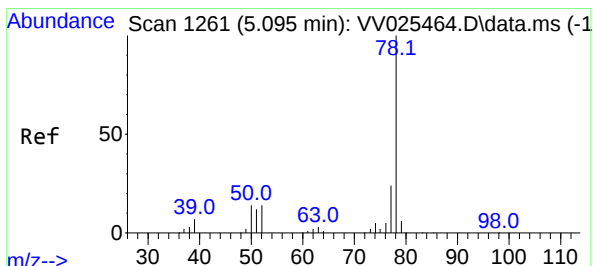
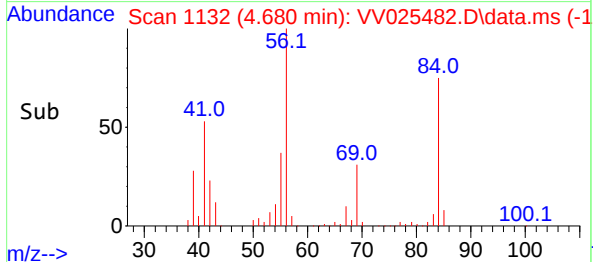
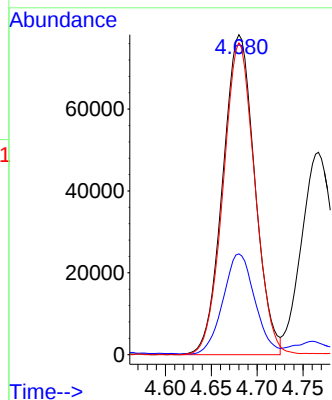
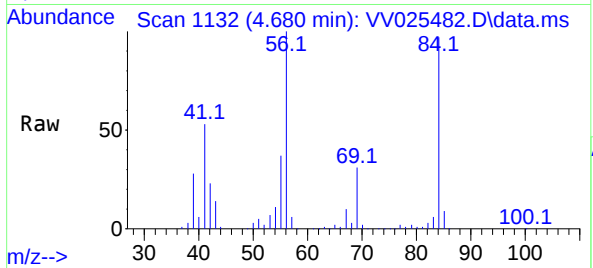




#30
Cyclohexane
Concen: 13.206 ug/L
RT: 4.680 min Scan# 1129
Delta R.T. 0.010 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

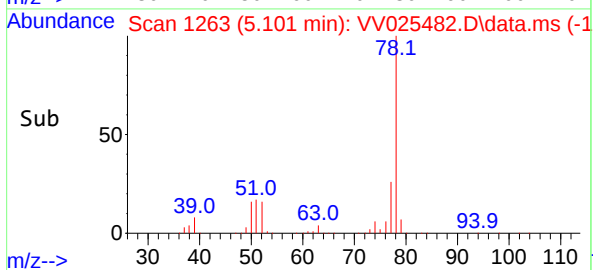
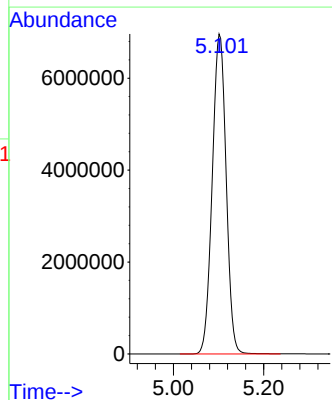
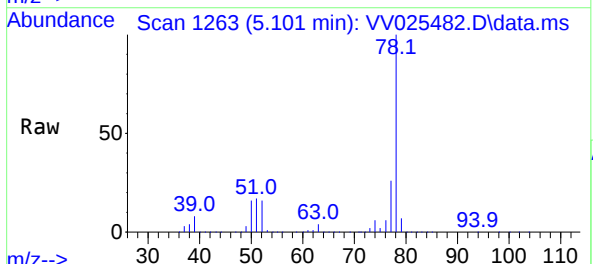
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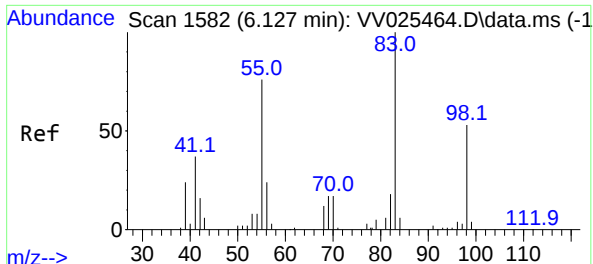
Tgt Ion: 56 Resp: 190319
Ion Ratio Lower Upper
56 100
69 31.0 26.1 39.1
84 96.3 78.6 118.0



#33
Benzene
Concen: 373.149 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

Tgt Ion: 78 Resp:14813767





#35

Methylcyclohexane

Concen: 1.366 ug/L

RT: 6.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025482.D

Acq: 12 Apr 2022 18:16

Instrument :

MSVOA_V

ClientSampleId :

GBDS6

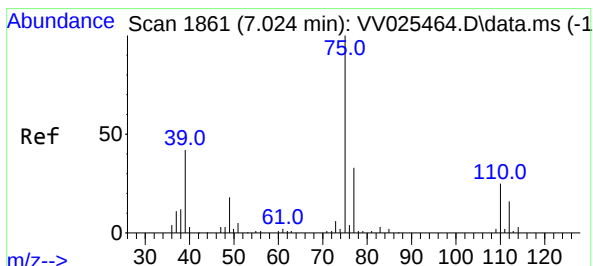
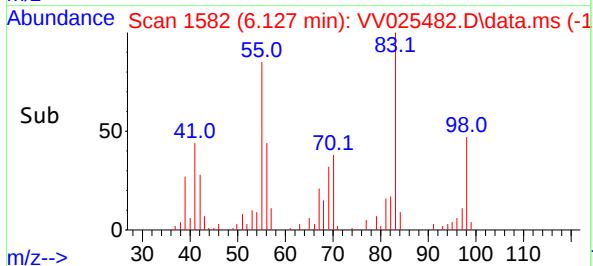
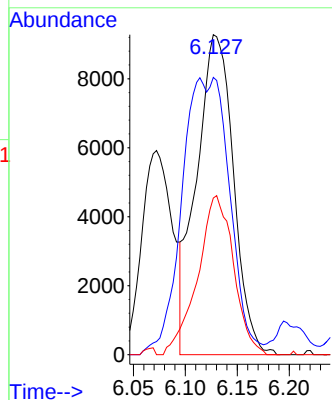
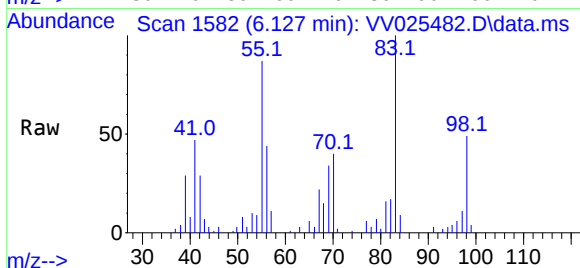
Tgt Ion: 83 Resp: 22971

Ion Ratio Lower Upper

83 100

55 60.3 53.7 80.5

98 48.1 39.6 59.4



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV025482.D

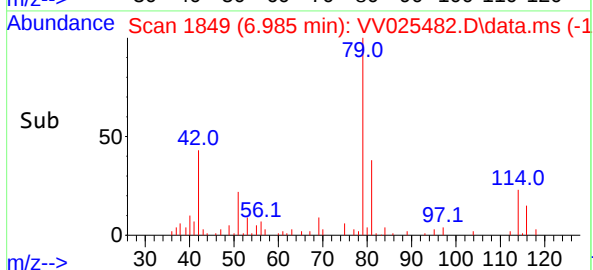
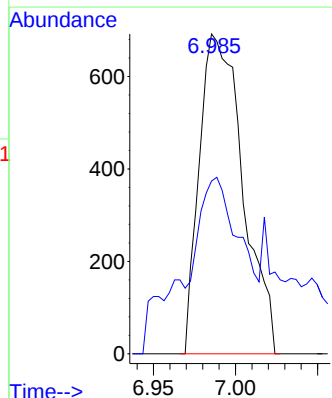
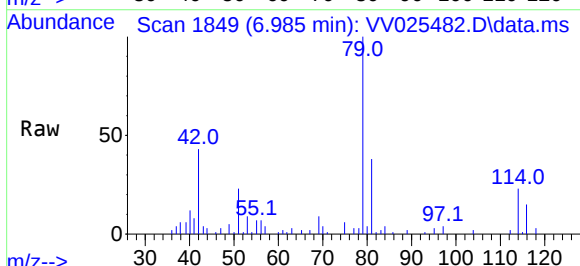
Acq: 12 Apr 2022 18:16

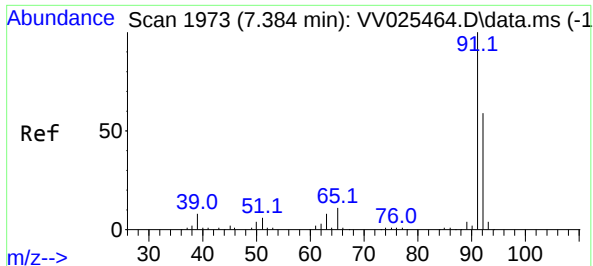
Tgt Ion: 75 Resp: 1273

Ion Ratio Lower Upper

75 100

77 54.0 21.8 40.6#

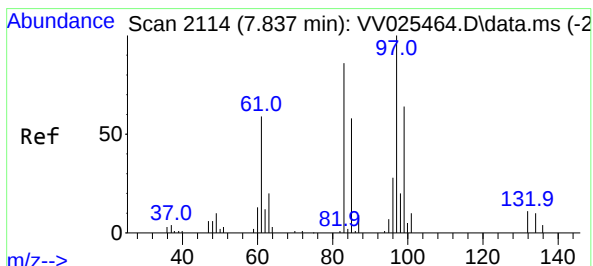
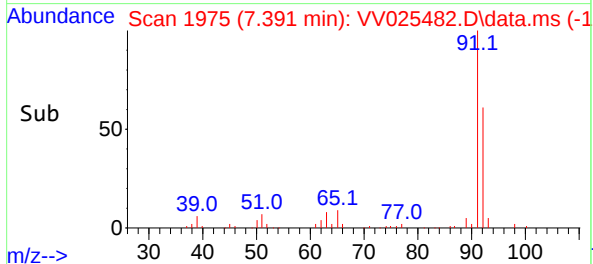
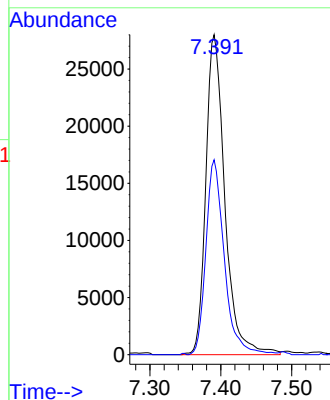
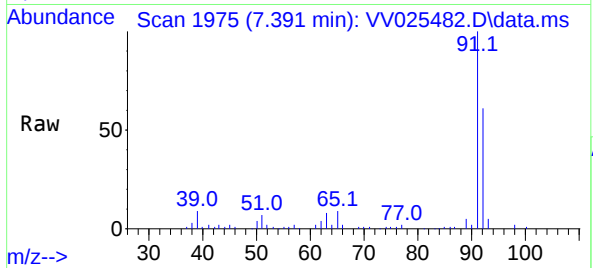




#42
Toluene
Concen: 1.209 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

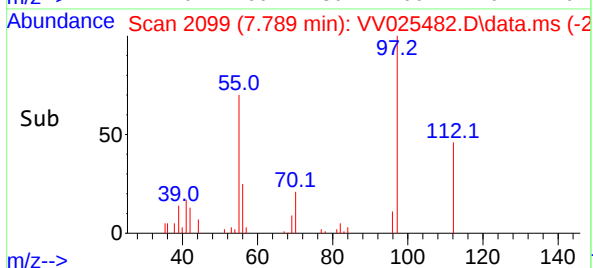
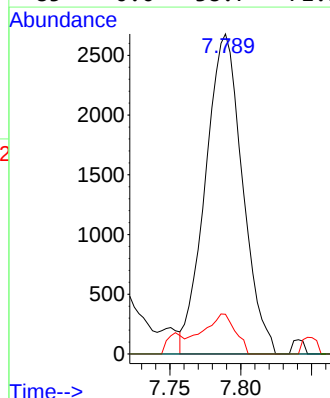
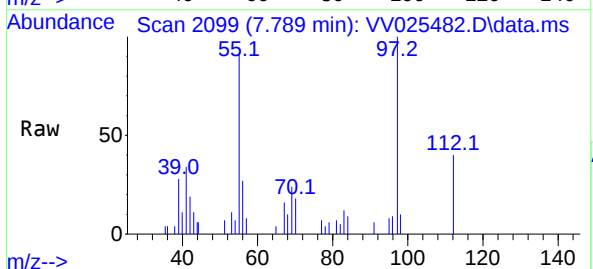
Instrument : MSVOA_V
ClientSampleId : GBDS6

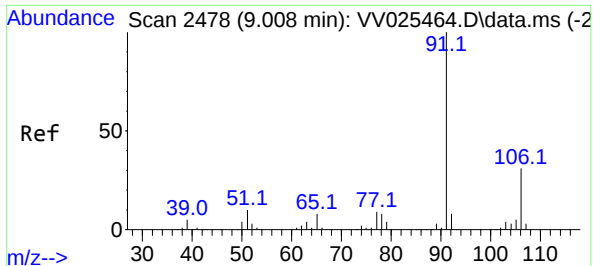
Tgt Ion: 91 Resp: 52189
Ion Ratio Lower Upper
91 100
92 60.9 40.8 75.8



#45
1,1,2-Trichloroethane
Concen: 0.792 ug/L
RT: 7.789 min Scan# 2099
Delta R.T. -0.048 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

Tgt Ion: 97 Resp: 4869
Ion Ratio Lower Upper
97 100
99 0.0 43.8 81.4#
83 12.4 60.3 112.1#
85 0.0 38.7 71.9#

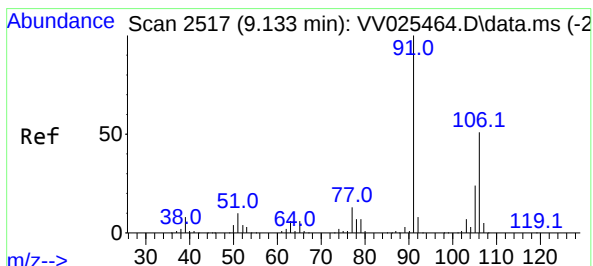
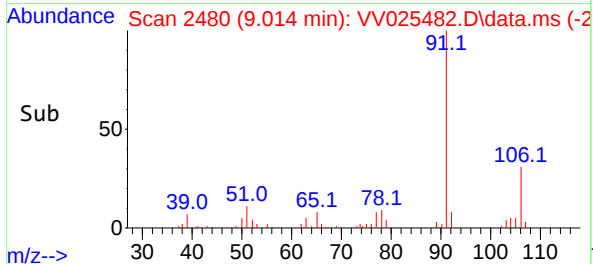
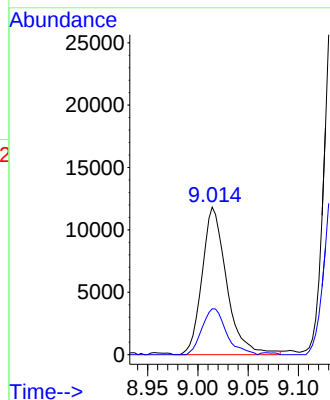
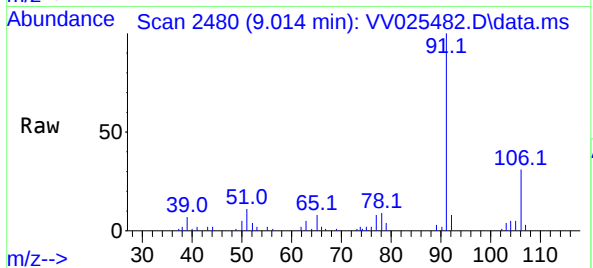




#52
Ethylbenzene
Concen: 0.437 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

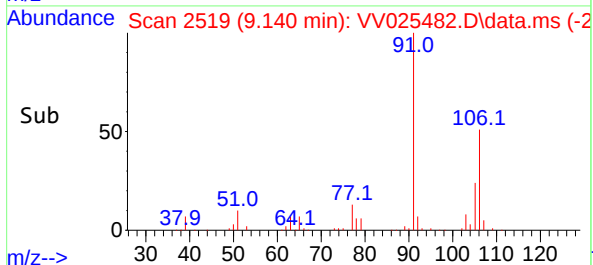
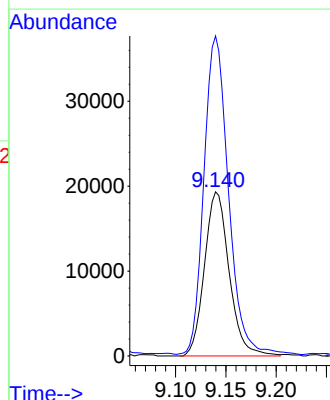
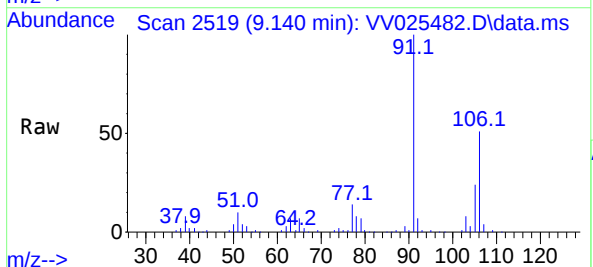
Instrument :
MSVOA_V
ClientSampleId :
GBDS6

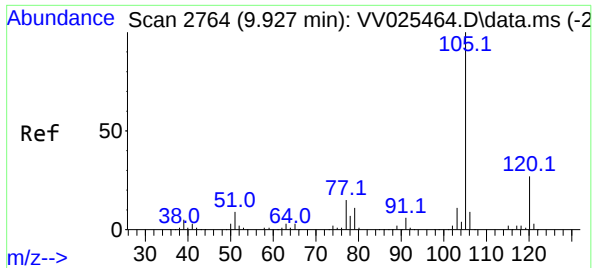
Tgt Ion: 91 Resp: 20121
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.3



#53
m,p-Xylene
Concen: 1.888 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

Tgt Ion: 106 Resp: 33060
Ion Ratio Lower Upper
106 100
91 195.0 136.4 253.4

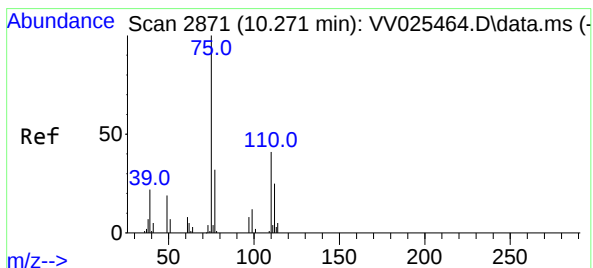
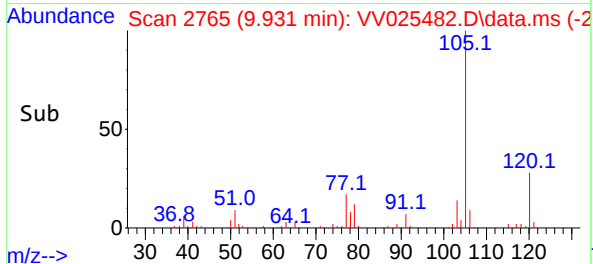
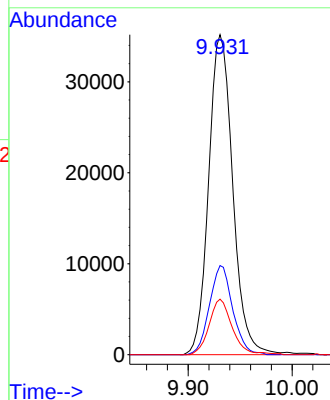
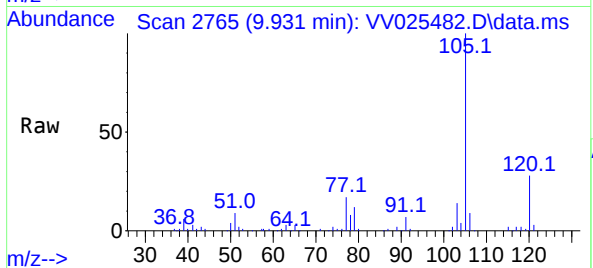




#60
Isopropylbenzene
Concen: 1.337 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

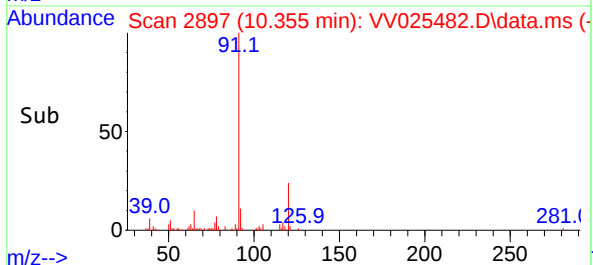
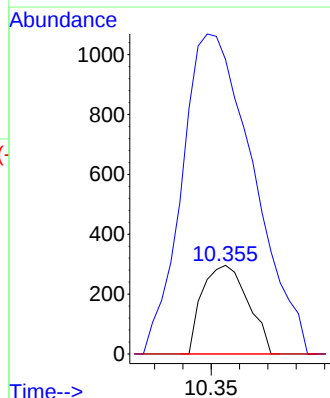
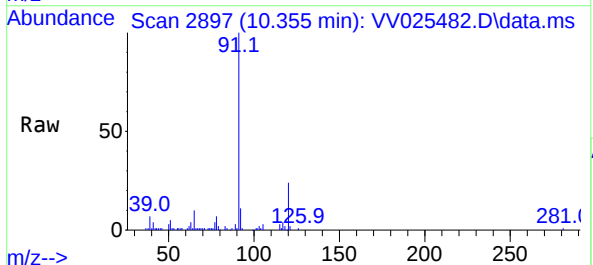
Instrument :
MSVOA_V
ClientSampleId :
GBDS6

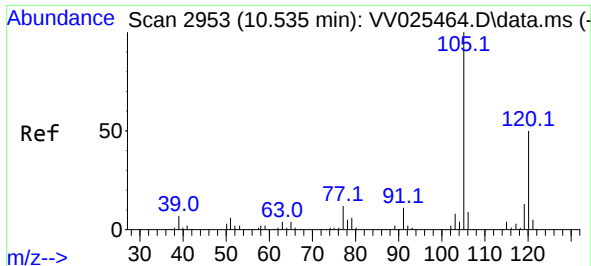
Tgt Ion:	105	Resp:	56590
Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.2	31.8
77	16.6	12.2	18.2



#61
1,2,3-Trichloropropane
Concen: 0.074 ug/L
RT: 10.355 min Scan# 2897
Delta R.T. 0.084 min
Lab File: VV025482.D
Acq: 12 Apr 2022 18:16

Tgt Ion:	75	Resp:	332
Ion	Ratio	Lower	Upper
75	100		
77	562.3	25.6	38.4#
110	0.0	34.7	52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.143 ug/L

RT: 10.542 min Scan# 2953

Delta R.T. 0.006 min

Lab File: VV025482.D

Acq: 12 Apr 2022 18:16

Instrument :

MSVOA_V

ClientSampleId :

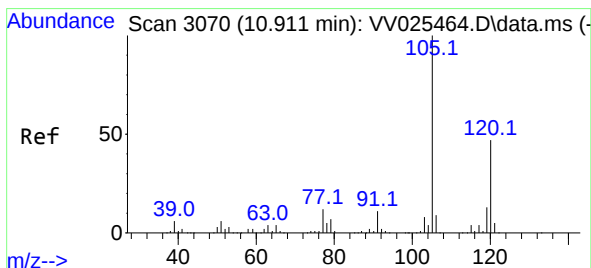
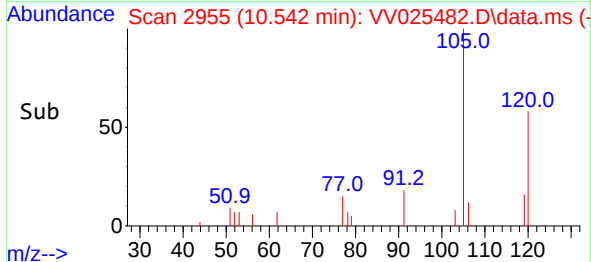
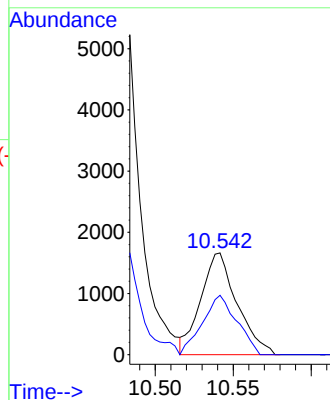
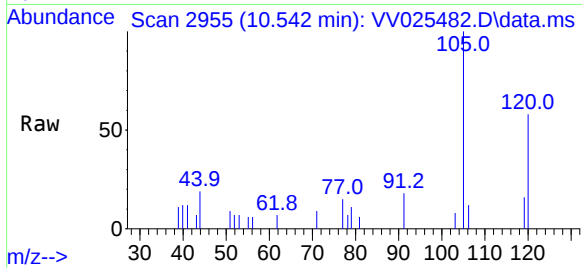
GBDS6

Tgt Ion:105 Resp: 2695

Ion Ratio Lower Upper

105 100

120 55.1 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.262 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025482.D

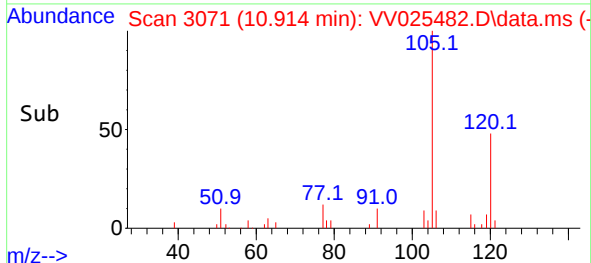
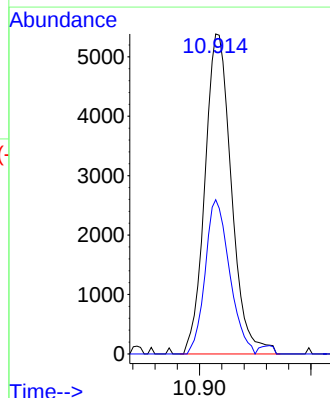
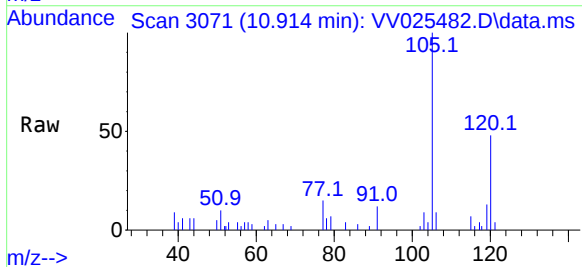
Acq: 12 Apr 2022 18:16

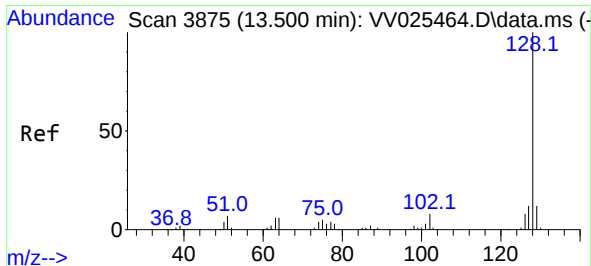
Tgt Ion:105 Resp: 8913

Ion Ratio Lower Upper

105 100

120 44.2 36.6 55.0





#71

Naphthalene

Concen: 0.057 ug/L

RT: 13.506 min Scan# 3875

Delta R.T. 0.006 min

Lab File: VV025482.D

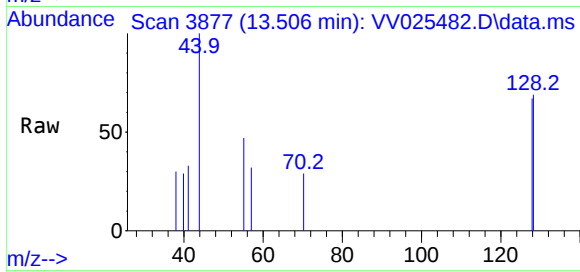
Acq: 12 Apr 2022 18:16

Instrument :

MSVOA_V

ClientSampleId :

GBDS6



Tgt Ion:128 Resp: 962

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 0.0 10.4 15.6#

