

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011722\
 Data File : VW024377.D
 Acq On : 17 Jan 2022 15:50
 Operator : SY/MD
 Sample : N1115-16
 Misc : 6.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLS6

Quant Time: Jan 17 16:09:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	334611	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	302794	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	161016	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91138	37.846	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.700%
7) Chloroethane-d5	1.568	69	59411	32.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.960%#
11) 1,1-Dichloroethene-d2	2.088	63	131438	29.204	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.400%#
21) 2-Butanone-d5	3.889	46	100750	75.092	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.090%
24) Chloroform-d	4.339	84	185767	42.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.420%
26) 1,2-Dichloroethane-d4	5.024	65	121678	41.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.580%
32) Benzene-d6	5.037	84	376697	47.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.340%
36) 1,2-Dichloropropane-d6	6.063	67	116352	52.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	7.310	98	361388	47.237	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.480%
43) trans-1,3-Dichloroprop...	7.619	79	59058	46.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.620%
47) 2-Hexanone-d5	8.095	63	20399	21.203	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	21.200%#
56) 1,1,2,2-Tetrachloroeth...	10.226	84	172875	54.627	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.260%
66) 1,2-Dichlorobenzene-d4	11.628	152	146725	45.717	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.440%
Target Compounds						
					Qvalue	
13) Acetone	2.178	43	6122	4.621	ug/L	79
14) Carbon disulfide	2.275	76	3774	0.638	ug/L #	93
15) Methyl Acetate	2.436	43	1572	0.816	ug/L	99
22) 2-Butanone	3.992	43	11476	8.155	ug/L	79
25) Chloroform	4.391	83	85665	21.033	ug/L #	21
29) Cyclohexane	4.657	56	15603	5.765	ug/L #	58
35) Methylcyclohexane	6.120	83	56967	18.092	ug/L #	88
38) Bromodichloromethane	6.561	83	6482	2.281	ug/L #	25
40) 4-Methyl-2-pentanone	7.255	43	11748	4.975	ug/L #	58
42) Toluene	7.390	91	12154	1.406	ug/L	94
44) trans-1,3-Dichloropropene	7.619	75	2843	0.921	ug/L #	40
52) Ethylbenzene	9.011	91	164375	17.803	ug/L	99
53) m,p-Xylene	9.140	106	31888	8.616	ug/L	96
54) o-Xylene	9.548	106	6595	1.867	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	112371	37.906	ug/L #	36
60) Isopropylbenzene	9.931	105	1292127	145.022	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	57775	7.538	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	680055	88.879	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	4323	0.912	ug/L #	1

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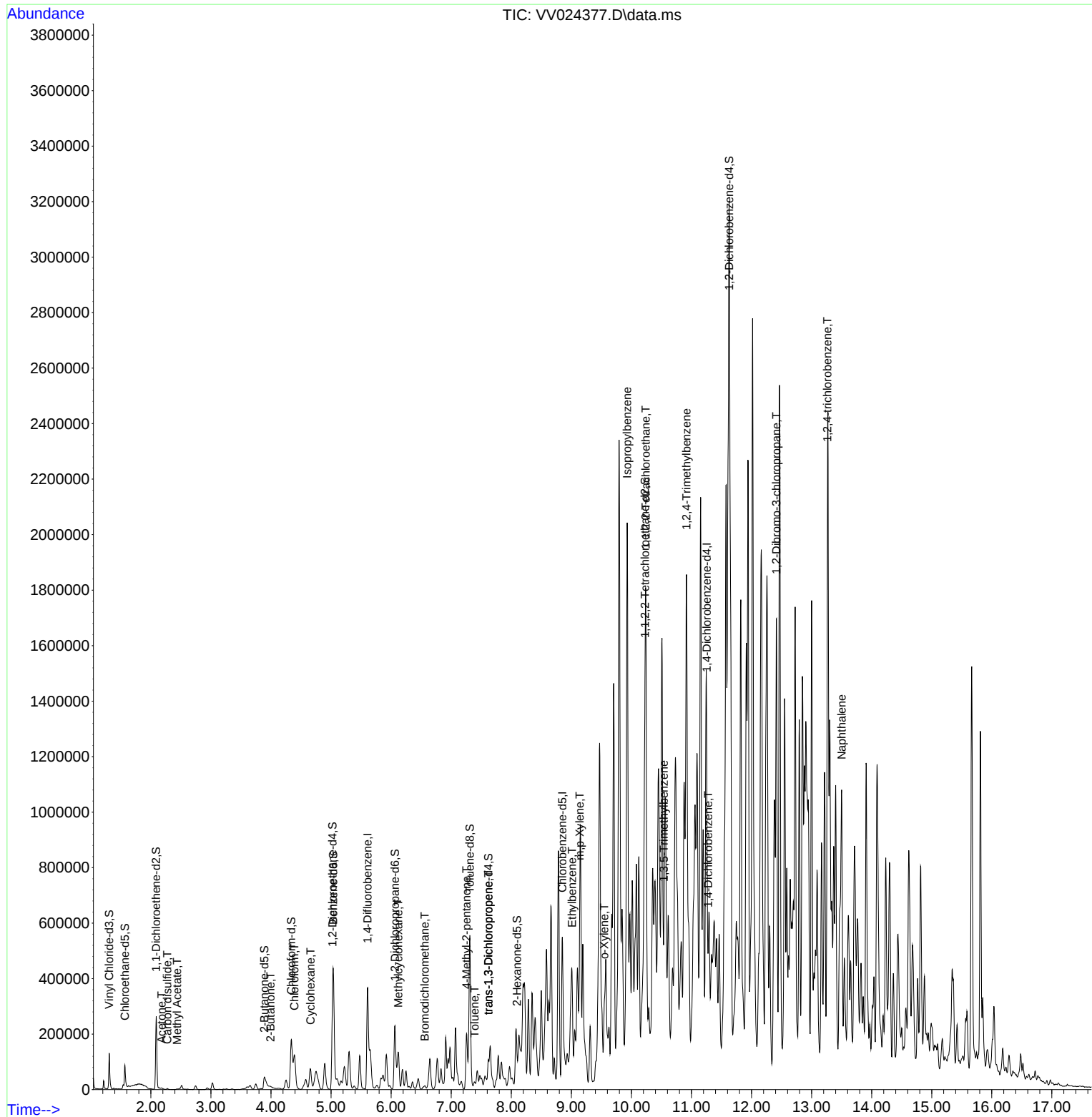
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.416	75	8954	13.149	ug/L #	1
70) 1,2,4-trichlorobenzene	13.265	180	8921	2.952	ug/L #	1
71) Naphthalene	13.503	128	480631	54.970	ug/L #	93

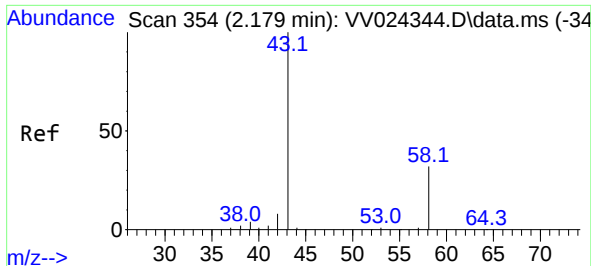
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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 4.621 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024377.D

Acq: 17 Jan 2022 15:50

Instrument :

MSVOA_V

ClientSampleId :

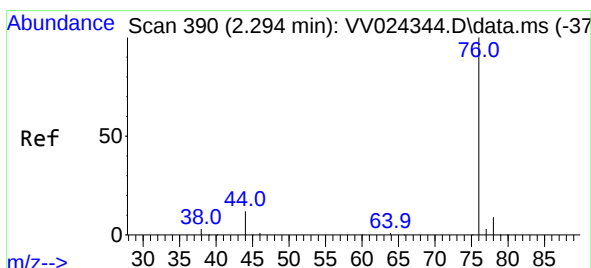
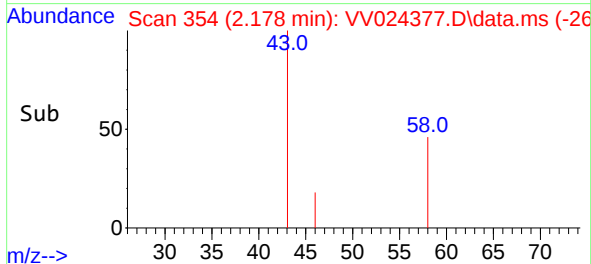
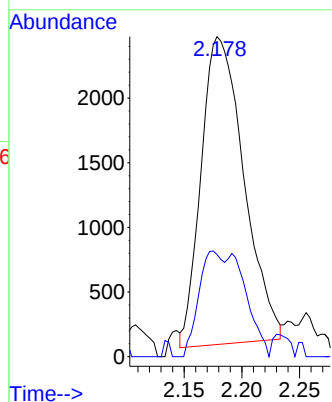
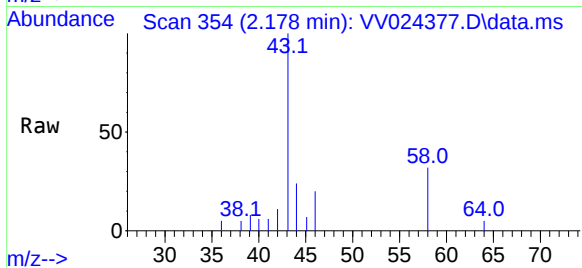
BGLS6

Tgt Ion: 43 Resp: 6122

Ion Ratio Lower Upper

43 100

58 20.1 0.0 63.0



#14

Carbon disulfide

Concen: 0.638 ug/L

RT: 2.275 min Scan# 384

Delta R.T. -0.023 min

Lab File: VV024377.D

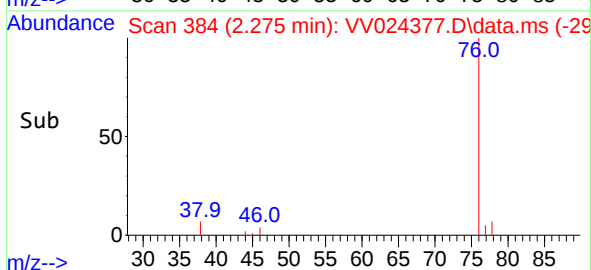
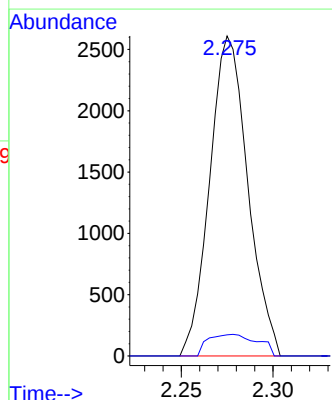
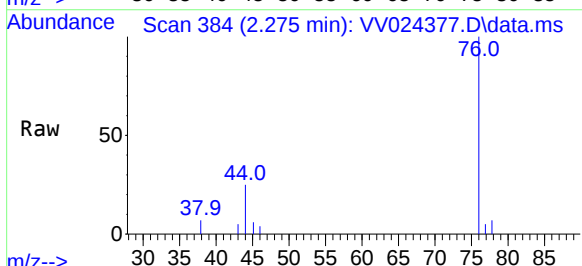
Acq: 17 Jan 2022 15:50

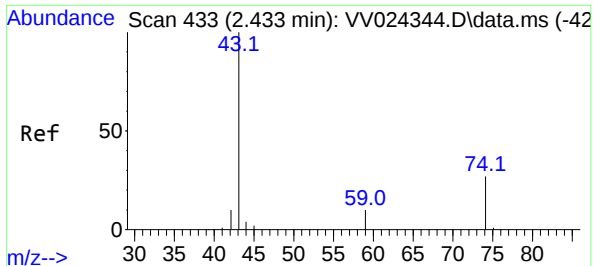
Tgt Ion: 76 Resp: 3774

Ion Ratio Lower Upper

76 100

78 6.6 7.2 10.8#

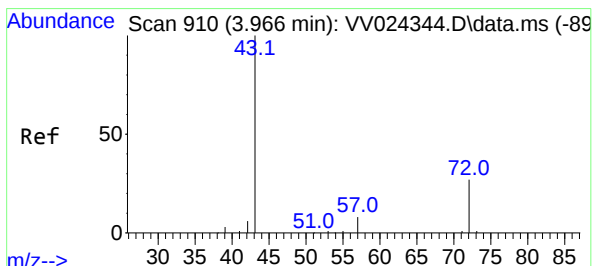
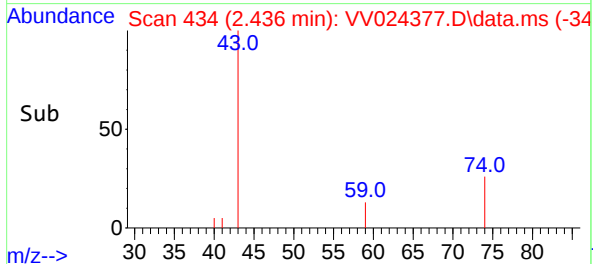
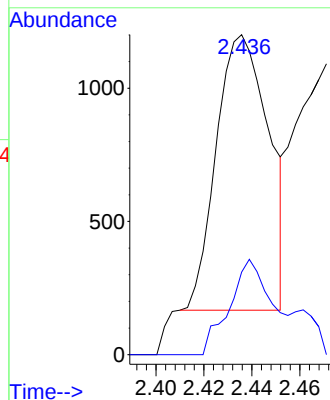
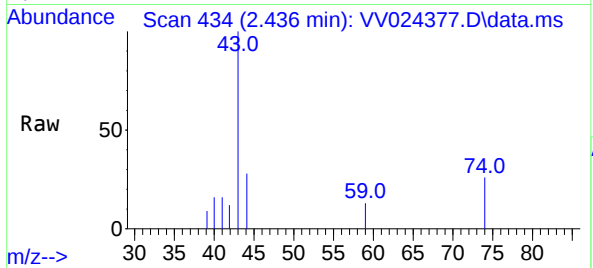




#15
Methyl Acetate
Concen: 0.816 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

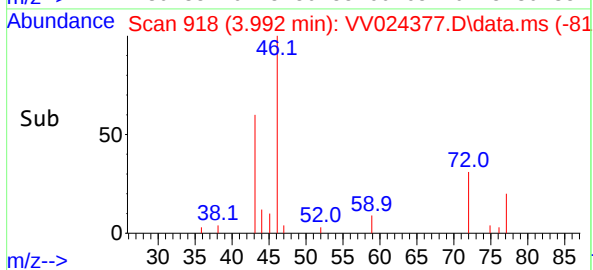
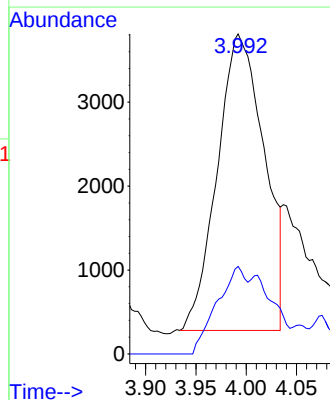
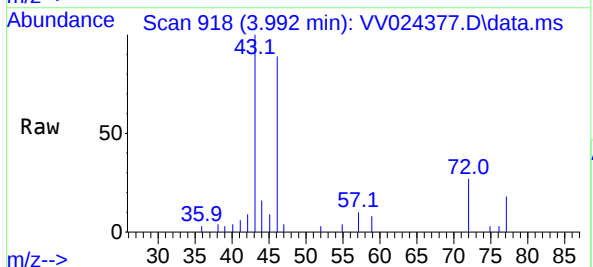
Instrument :
MSVOA_V
ClientSampleId :
BGLS6

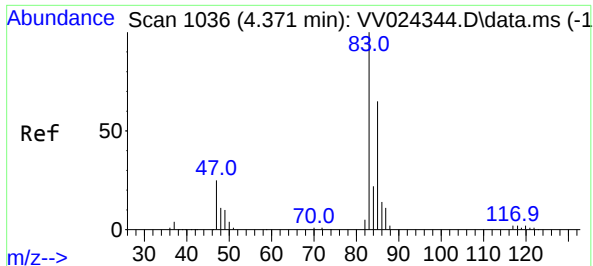
Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
74 28.1 21.8 32.8



#22
2-Butanone
Concen: 8.155 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.022 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Tgt Ion: 43 Resp: 11476
Ion Ratio Lower Upper
43 100
72 18.5 14.9 44.9

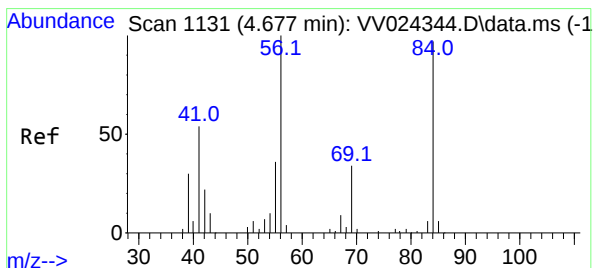
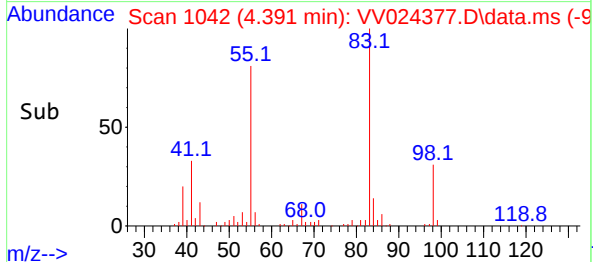
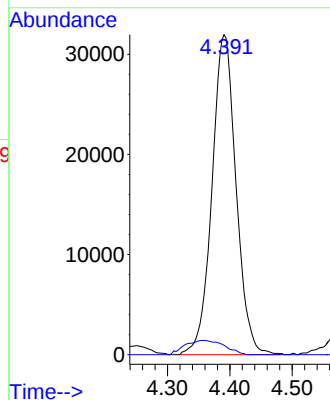
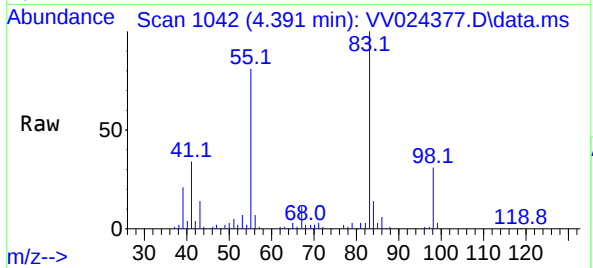




#25
Chloroform
Concen: 21.033 ug/L
RT: 4.391 min Scan# 110
Delta R.T. 0.019 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

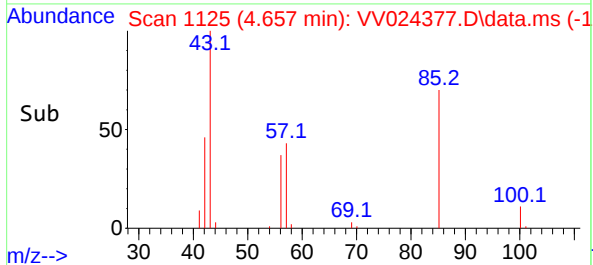
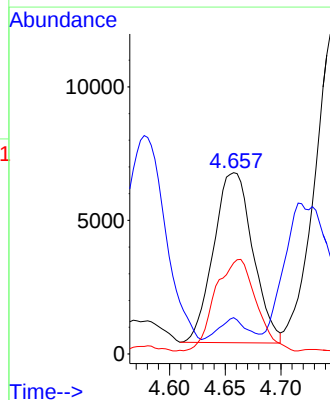
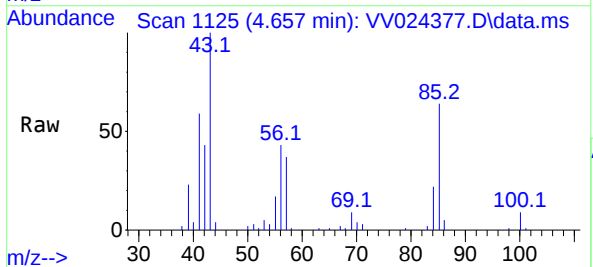
Instrument :
MSVOA_V
ClientSampleId :
BGLS6

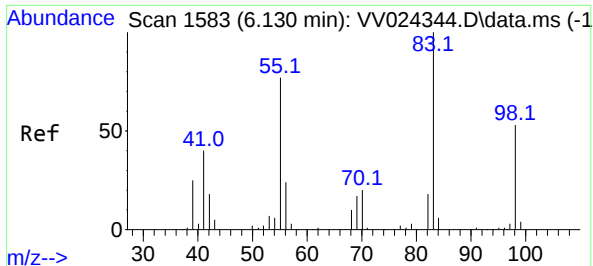
Tgt Ion: 83 Resp: 85665
Ion Ratio Lower Upper
83 100
85 3.0 46.3 85.9#



#29
Cyclohexane
Concen: 5.765 ug/L
RT: 4.657 min Scan# 1125
Delta R.T. -0.019 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Tgt Ion: 56 Resp: 15603
Ion Ratio Lower Upper
56 100
69 8.3 25.8 38.6#
84 57.5 79.1 118.7#





#35

Methylcyclohexane

Concen: 18.092 ug/L

RT: 6.120 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV024377.D

Acq: 17 Jan 2022 15:50

Instrument :

MSVOA_V

ClientSampleId :

BGLS6

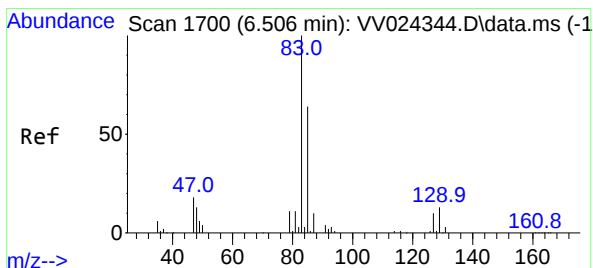
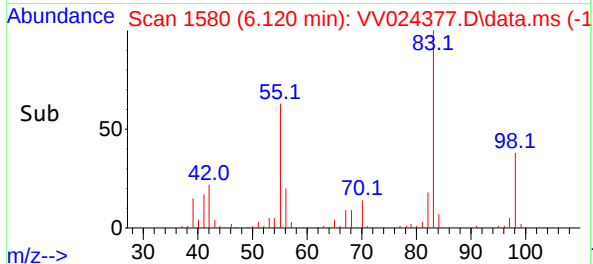
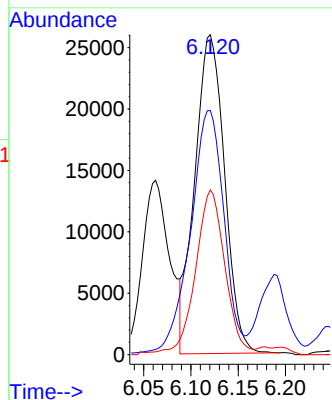
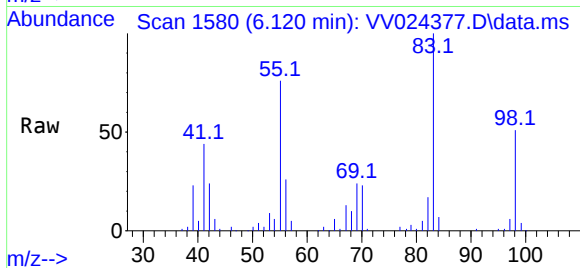
Tgt Ion: 83 Resp: 56967

Ion Ratio Lower Upper

83 100

55 84.6 55.6 83.4#

98 49.8 41.3 61.9



#38

Bromodichloromethane

Concen: 2.281 ug/L

RT: 6.561 min Scan# 1717

Delta R.T. 0.055 min

Lab File: VV024377.D

Acq: 17 Jan 2022 15:50

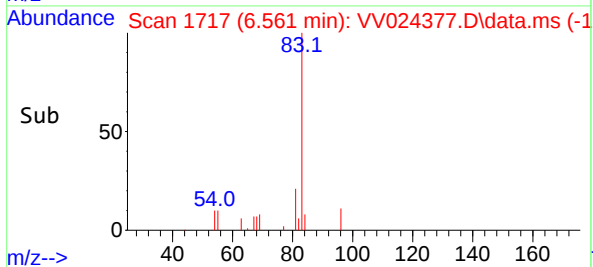
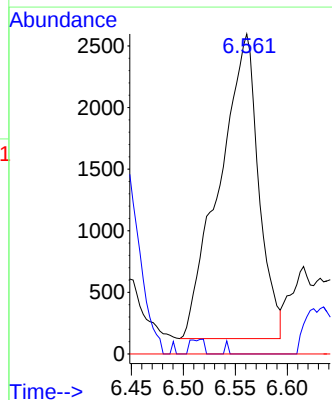
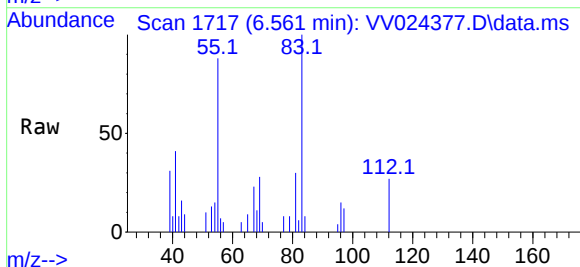
Tgt Ion: 83 Resp: 6482

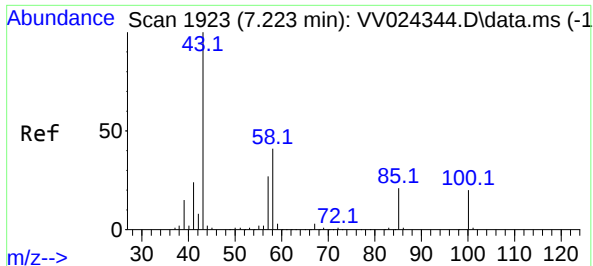
Ion Ratio Lower Upper

83 100

85 0.0 45.2 84.0#

127 0.0 7.8 11.8#





#40

4-Methyl-2-pentanone

Concen: 4.975 ug/L

RT: 7.255 min Scan# 1933

Delta R.T. 0.032 min

Lab File: VV024377.D

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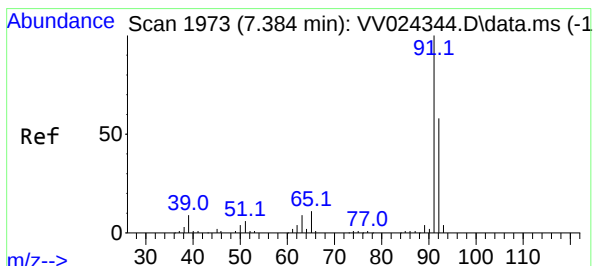
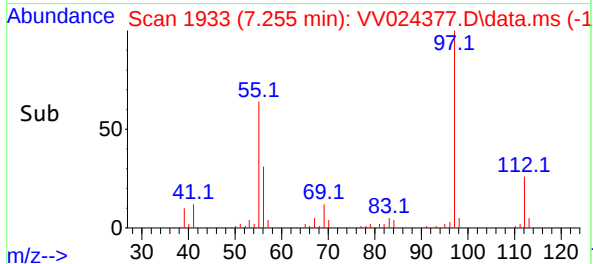
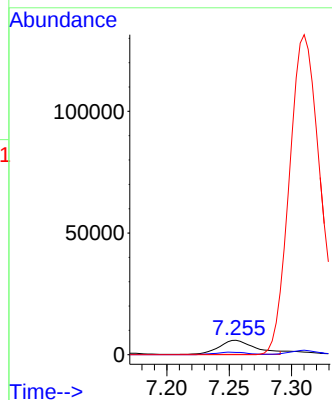
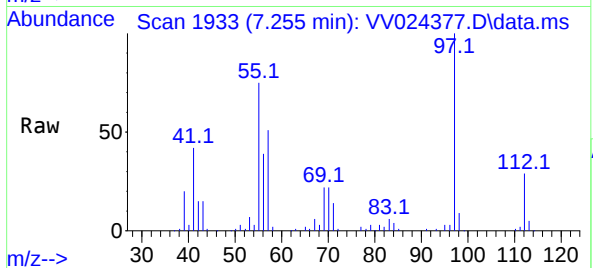
Tgt Ion: 43 Resp: 11748

Ion Ratio Lower Upper

43 100

58 15.4 33.0 49.4#

100 0.0 16.0 24.0#



#42

Toluene

Concen: 1.406 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV024377.D

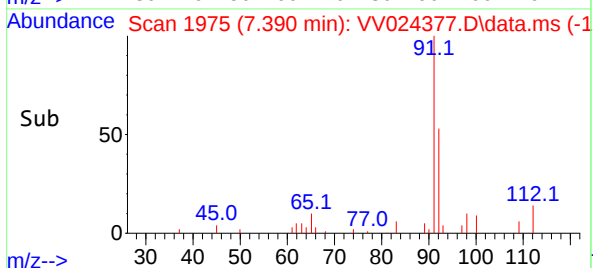
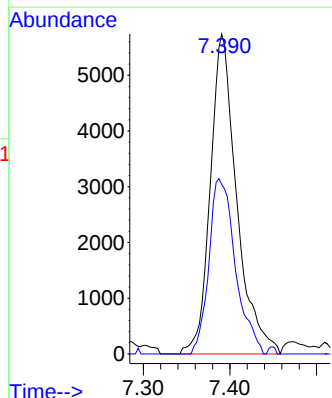
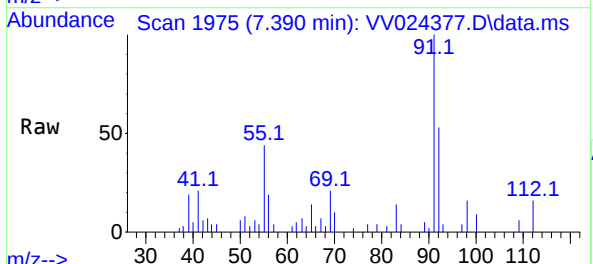
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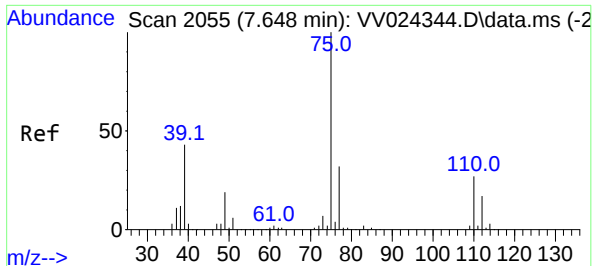
Tgt Ion: 91 Resp: 12154

Ion Ratio Lower Upper

91 100

92 53.0 40.4 75.0

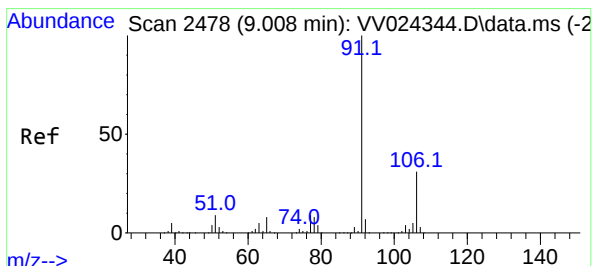
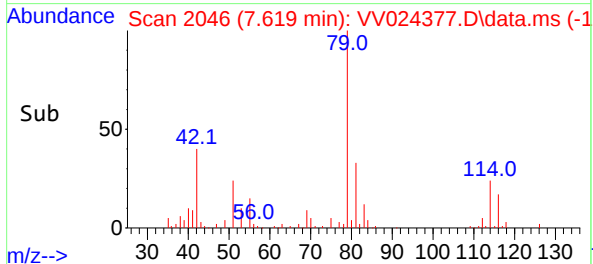
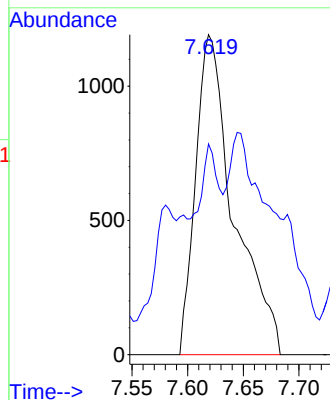
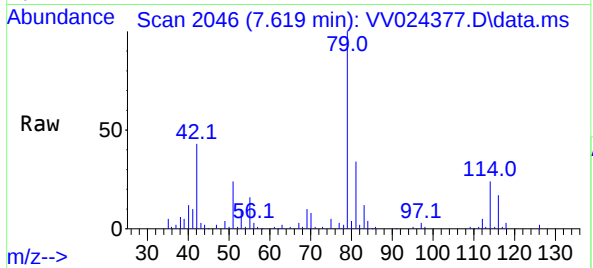




#44
trans-1,3-Dichloropropene
Concen: 0.921 ug/L
RT: 7.619 min Scan# 2055
Delta R.T. -0.029 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

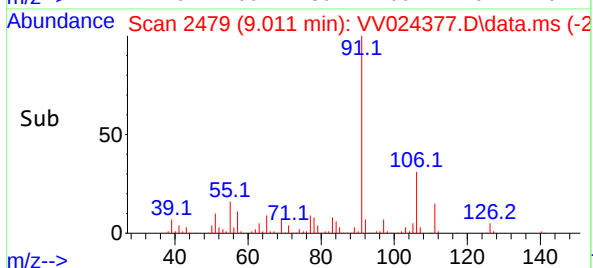
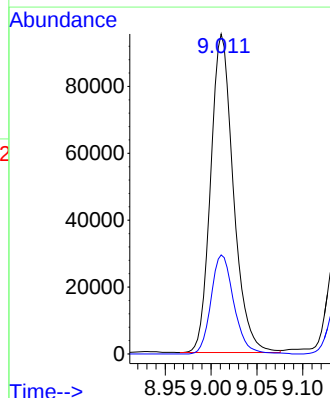
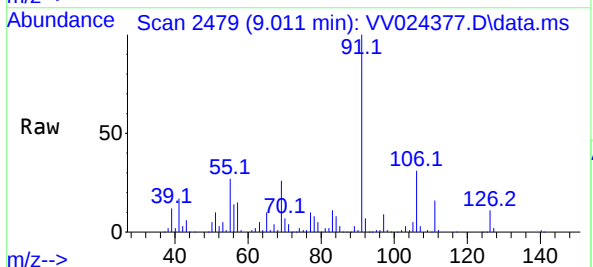
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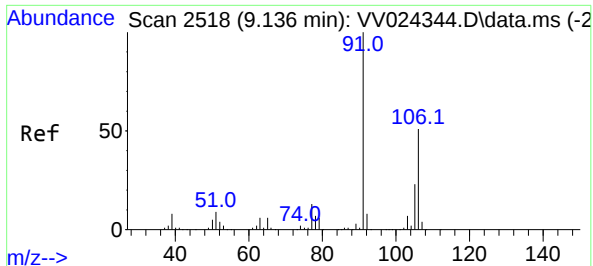
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Ion Ratio Lower Upper
75 100
77 65.9 22.7 42.1#



#52
Ethylbenzene
Concen: 17.803 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Tgt Ion: 91 Resp: 164375
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0

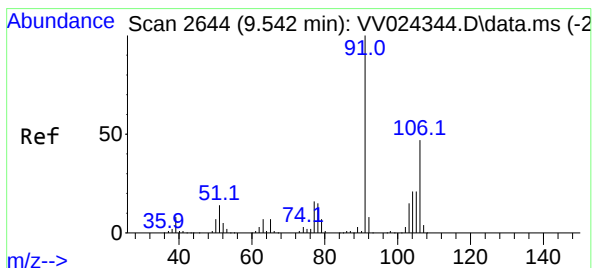
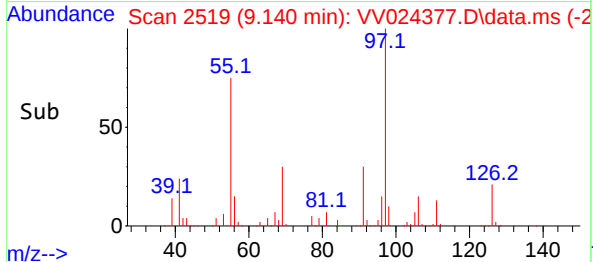
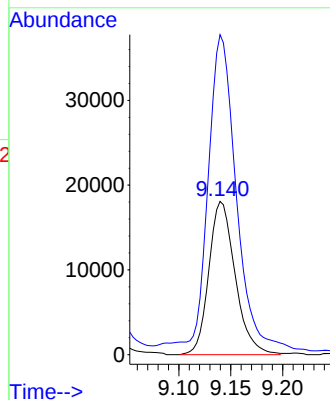
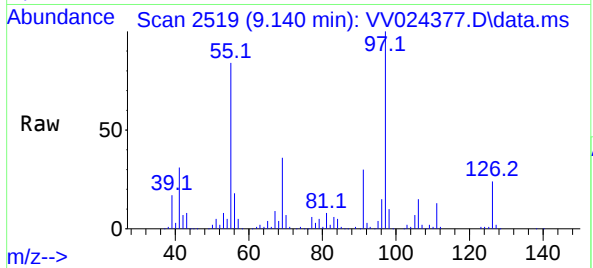




#53
m,p-Xylene
Concen: 8.616 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

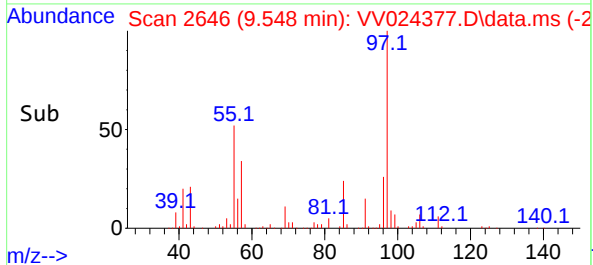
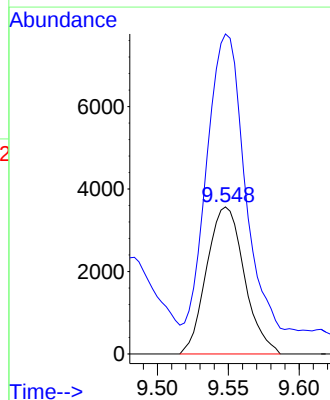
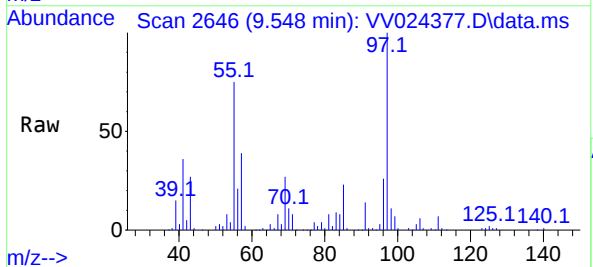
Instrument :
MSVOA_V
ClientSampleId :
BGLS6

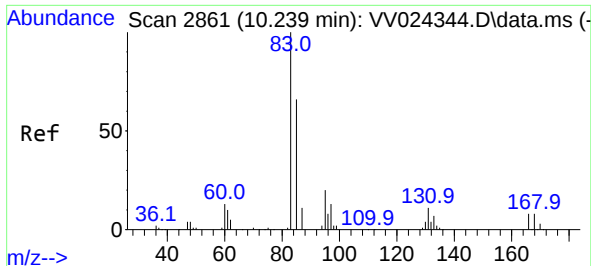
Tgt Ion:106 Resp: 31888
Ion Ratio Lower Upper
106 100
91 208.7 141.8 263.4



#54
o-Xylene
Concen: 1.867 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Tgt Ion:106 Resp: 6595
Ion Ratio Lower Upper
106 100
91 217.5 150.9 280.3

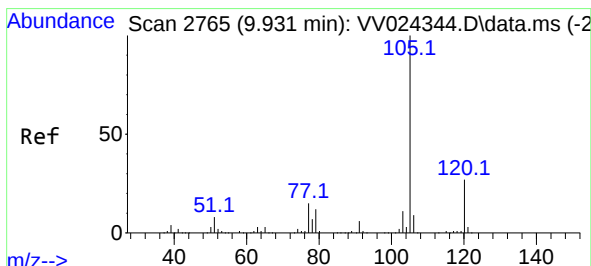
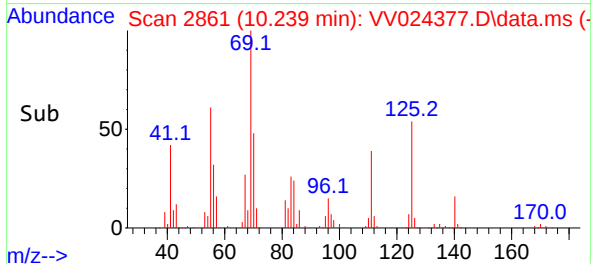
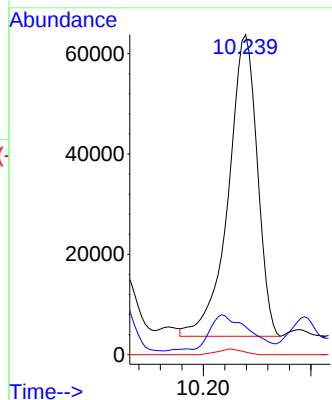
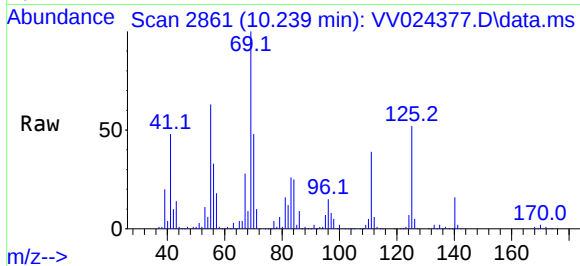




#57
 1,1,2,2-Tetrachloroethane
 Concen: 37.906 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024377.D
 Acq: 17 Jan 2022 15:50

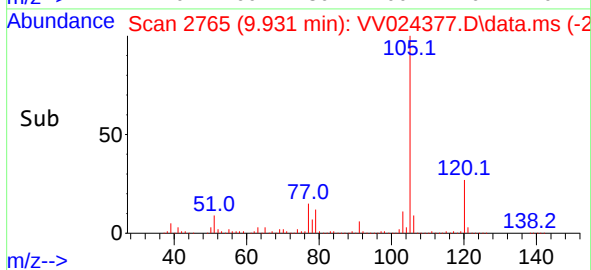
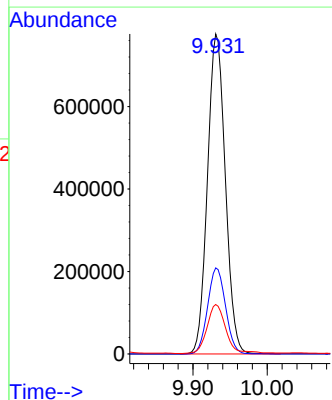
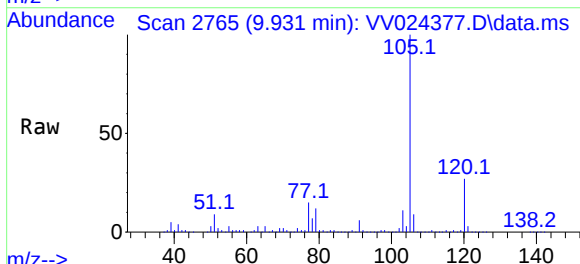
Instrument :
 MSVOA_V
 ClientSampleId :
 BGLS6

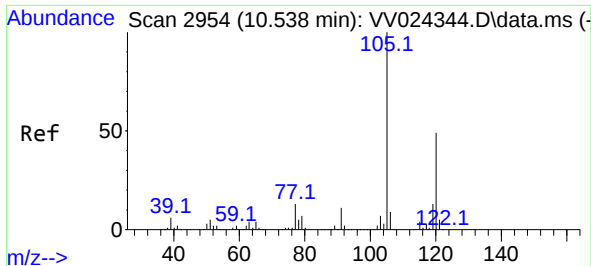
Tgt Ion: 83 Resp: 112371
 Ion Ratio Lower Upper
 83 100
 85 8.8 44.5 82.7#
 131 0.8 9.2 13.8#



#60
 Isopropylbenzene
 Concen: 145.022 ug/L
 RT: 9.931 min Scan# 2765
 Delta R.T. 0.003 min
 Lab File: VV024377.D
 Acq: 17 Jan 2022 15:50

Tgt Ion: 105 Resp: 1292127
 Ion Ratio Lower Upper
 105 100
 120 27.0 21.9 32.9
 77 16.1 11.9 17.9





#62

1,3,5-Trimethylbenzene

Concen: 7.538 ug/L

RT: 10.541 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV024377.D

Acq: 17 Jan 2022 15:50

Instrument :

MSVOA_V

ClientSampleId :

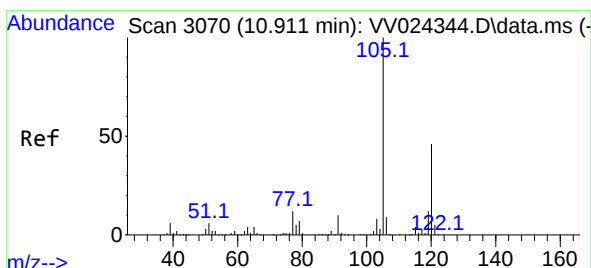
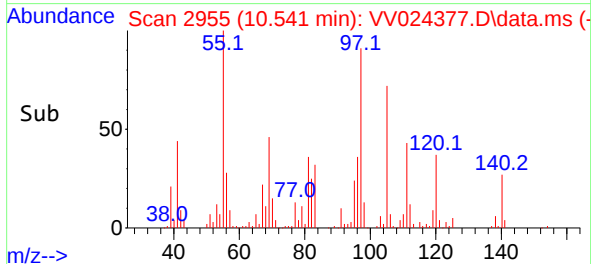
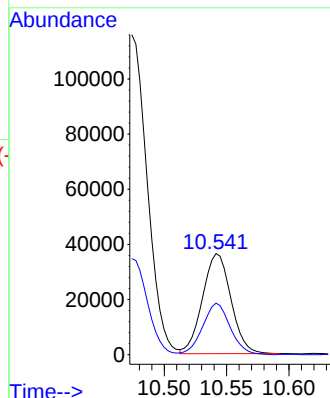
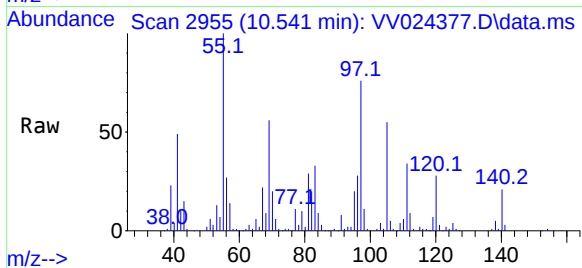
BGLS6

Tgt Ion:105 Resp: 57775

Ion Ratio Lower Upper

105 100

120 50.0 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 88.879 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV024377.D

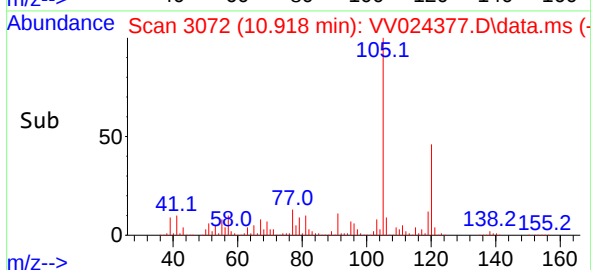
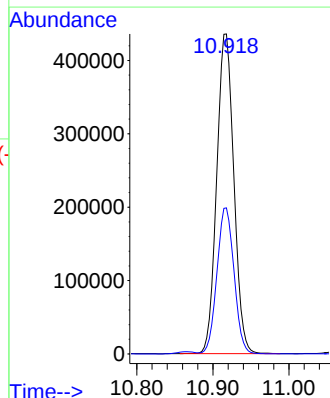
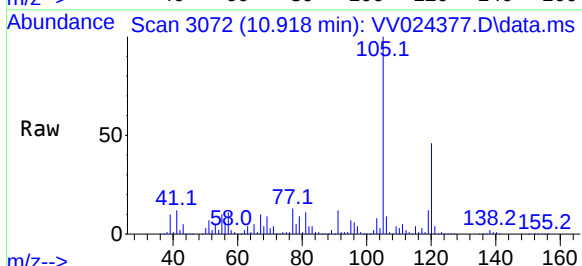
Acq: 17 Jan 2022 15:50

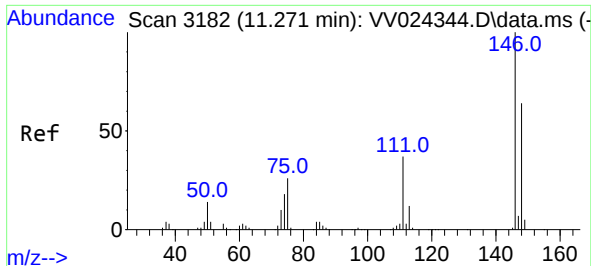
Tgt Ion:105 Resp: 680055

Ion Ratio Lower Upper

105 100

120 45.7 36.6 55.0

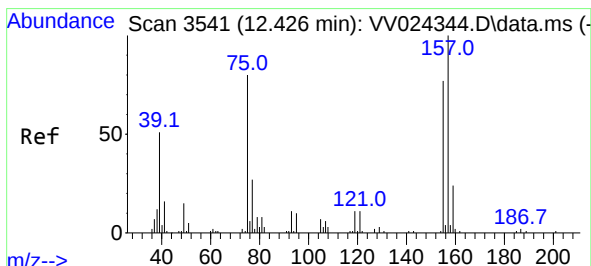
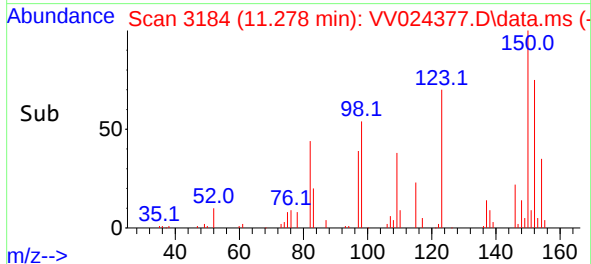
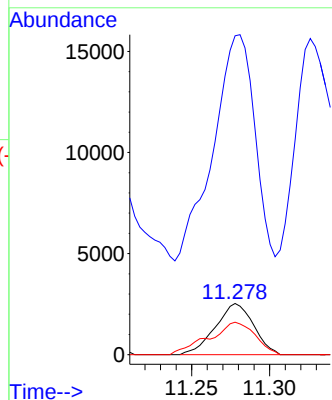
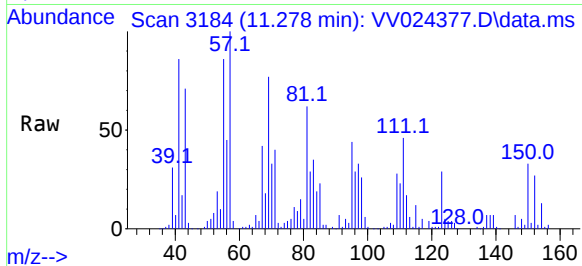




#65
1,4-Dichlorobenzene
Concen: 0.912 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.006 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

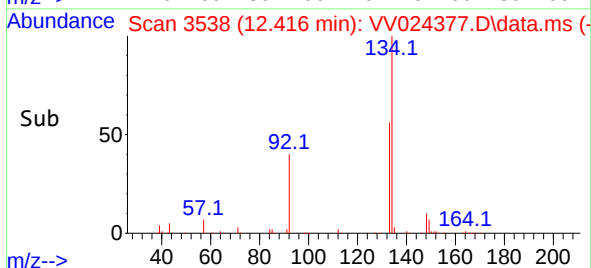
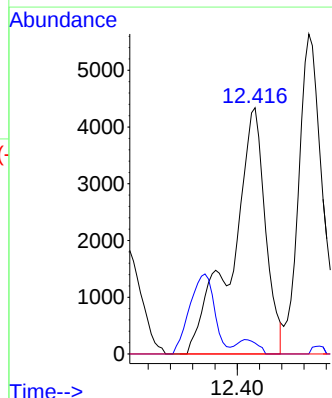
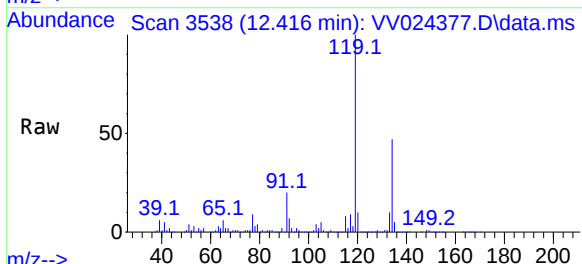
Instrument :
MSVOA_V
ClientSampleId :
BGLS6

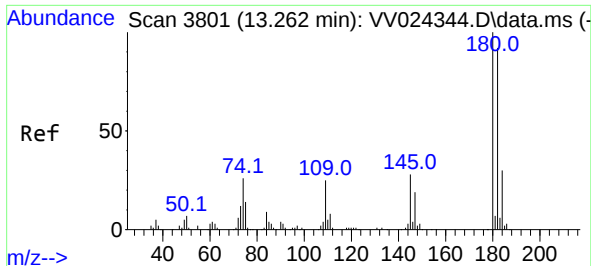
Tgt Ion:146 Resp: 4323
Ion Ratio Lower Upper
146 100
111 622.0 26.5 49.3#
148 63.4 44.9 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 13.149 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.010 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Tgt Ion: 75 Resp: 8954
Ion Ratio Lower Upper
75 100
155 4.4 73.2 109.8#
157 0.0 98.5 147.7#

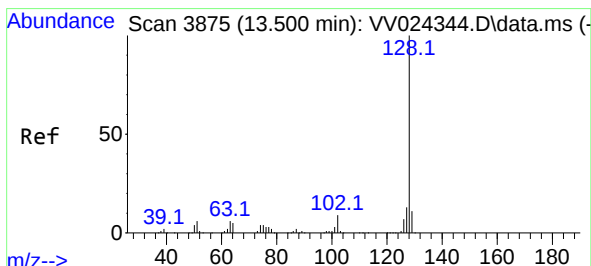
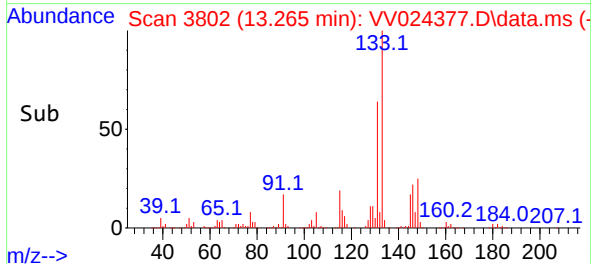
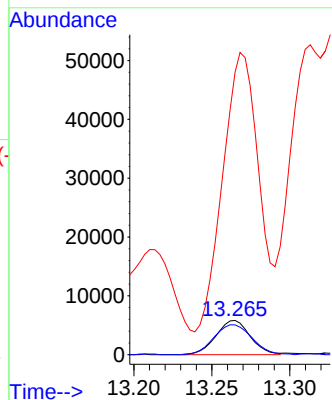
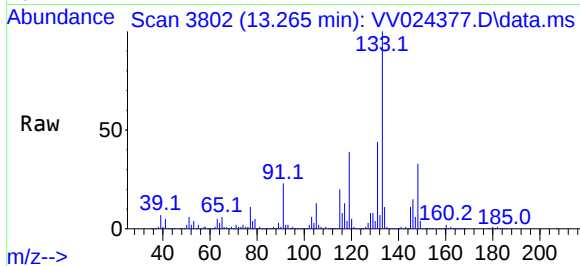




#70
1,2,4-trichlorobenzene
Concen: 2.952 ug/L
RT: 13.265 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Instrument :
MSVOA_V
ClientSampleId :
BGLS6

Tgt Ion:180 Resp: 8921
Ion Ratio Lower Upper
180 100
182 96.8 75.6 113.4
145 860.0 23.9 35.9#



#71
Naphthalene
Concen: 54.970 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Tgt Ion:128 Resp: 480631
Ion Ratio Lower Upper
128 100
127 14.3 10.6 16.0
129 15.3 8.7 13.1#

