

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024331.D
 Acq On : 12 Jan 2022 15:38
 Operator : SY/MD
 Sample : N1053-27ME
 Misc : 5.0ml/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLL4ME

Quant Time: Jan 13 02:32:44 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	5.613	114	36962	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	38926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	18401	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53719	201.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 403.880%#	
7) Chloroethane-d5	1.568	69	48470	239.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 479.720%#	
11) 1,1-Dichloroethene-d2	2.095	63	84177	169.314	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	= 338.620%#	
21) 2-Butanone-d5	3.883	46	127863	862.737	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 862.740%#	
24) Chloroform-d	4.336	84	160239	329.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 659.180%#	
26) 1,2-Dichloroethane-d4	5.021	65	113447	348.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 697.040%#	
32) Benzene-d6	5.040	84	263503	259.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 518.800%#	
36) 1,2-Dichloropropane-d6	6.063	67	88965	312.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 625.020%#	
41) Toluene-d8	7.310	98	224470	228.231	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 456.460%#	
43) trans-1,3-Dichloroprop...	7.616	79	47232	288.125	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 576.260%#	
47) 2-Hexanone-d5	8.088	63	34171	276.279	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 276.280%#	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	153564	377.461	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 754.920%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	133680	364.471	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 728.940%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	784	3.129	ug/L	100
6) Bromomethane	1.523	94	253	1.675	ug/L	97
8) Chloroethane	1.581	64	195	1.192	ug/L #	44
9) Trichlorofluoromethane	2.092	101	846	1.775	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-...	2.092	101	846	3.633	ug/L #	16
12) 1,1-Dichloroethene	2.092	96	847	3.762	ug/L #	1
13) Acetone	2.182	43	1046	7.148	ug/L	64
14) Carbon disulfide	2.282	76	687	1.051	ug/L #	75
15) Methyl Acetate	2.436	43	929	4.365	ug/L #	71
19) 1,1-Dichloroethane	3.185	63	1033	2.684	ug/L #	73
22) 2-Butanone	3.979	43	1728	11.117	ug/L #	53
25) Chloroform	4.365	83	8798	19.555	ug/L	91
33) Benzene	5.040	78	2150	2.172	ug/L	100
39) cis-1,3-Dichloropropene	6.982	75	3341	8.537	ug/L	84
40) 4-Methyl-2-pentanone	7.307	43	860	2.833	ug/L #	1
42) Toluene	7.394	91	3696	3.327	ug/L	87
44) trans-1,3-Dichloropropene	7.616	75	2225	5.605	ug/L #	80
48) 2-Hexanone	8.121	43	3884	15.929	ug/L #	41
57) 1,1,2,2-Tetrachloroethane	10.223	83	714	1.874	ug/L #	1

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BGLL4ME

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Quant Title : VOC Analysis
QLast Update : Thu Jan 13 02:28:22 2022
Response via : Initial Calibration

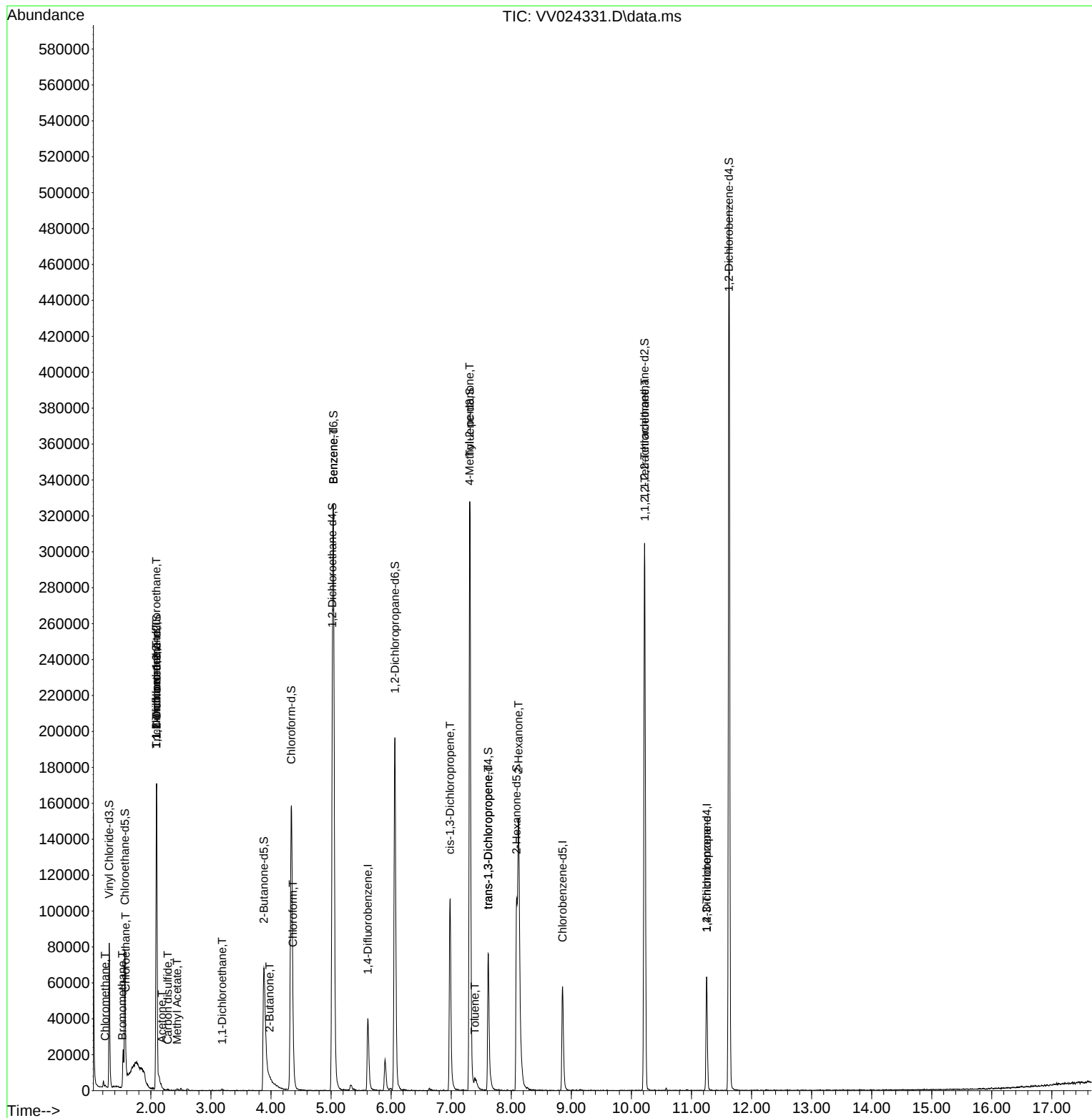
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.252	75	1707	6.318	ug/L	# 61

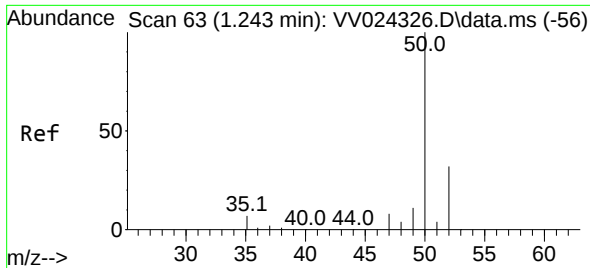
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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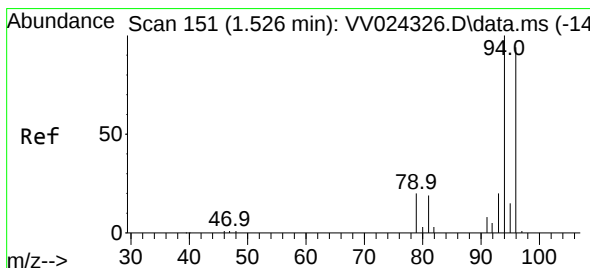
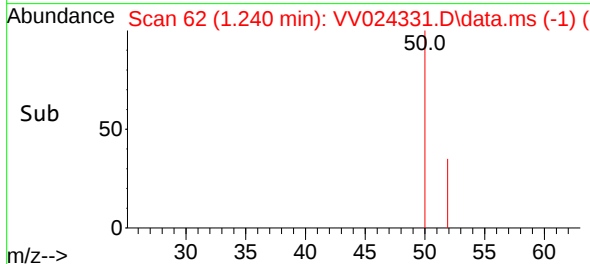
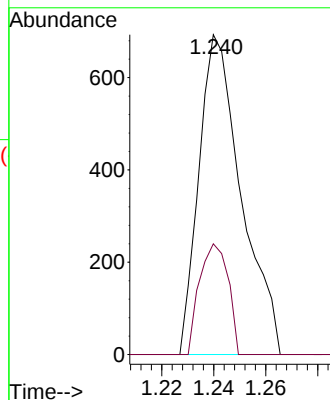
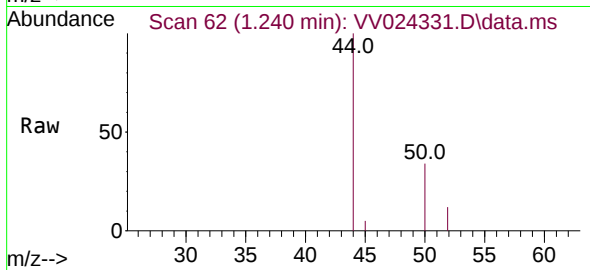




#3
Chloromethane
Concen: 3.129 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

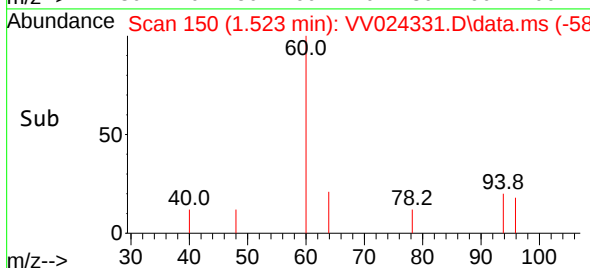
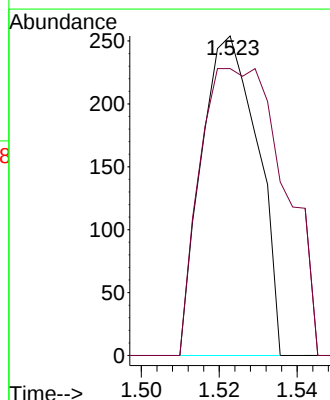
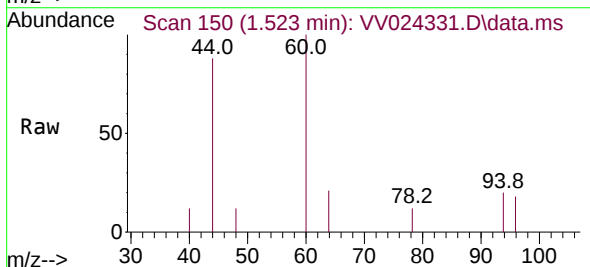
Instrument :
MSVOA_V
ClientSampleId :
BGLL4ME

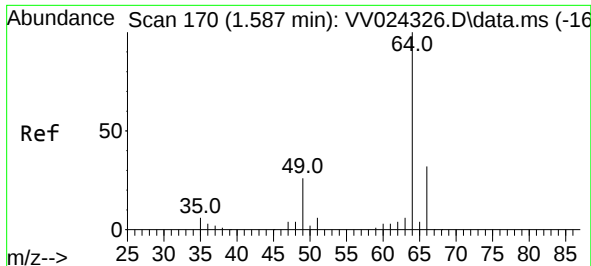
Tgt Ion: 50 Resp: 784
Ion Ratio Lower Upper
50 100
52 34.6 24.1 44.7



#6
Bromomethane
Concen: 1.675 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.003 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

Tgt Ion: 94 Resp: 253
Ion Ratio Lower Upper
94 100
96 89.8 65.0 120.6





#8

Chloroethane

Concen: 1.192 ug/L

RT: 1.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV024331.D

Acq: 12 Jan 2022 15:38

Instrument :

MSVOA_V

ClientSampleId :

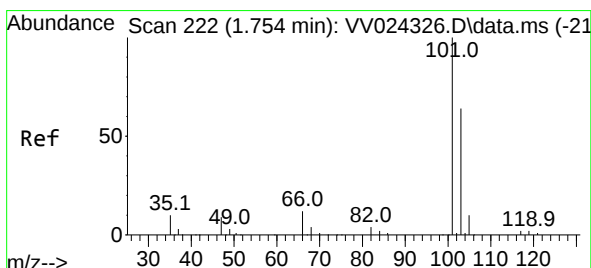
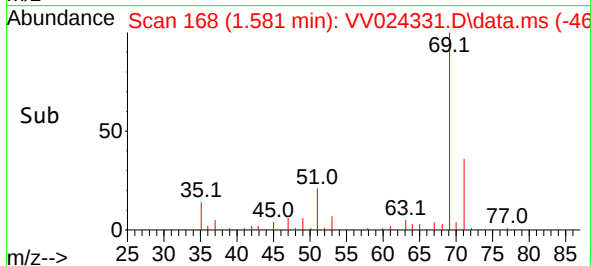
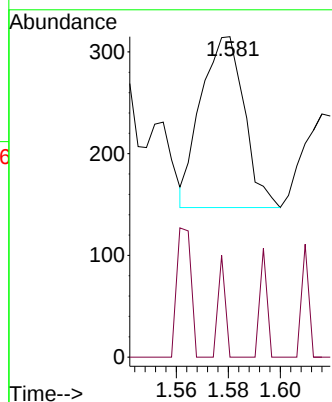
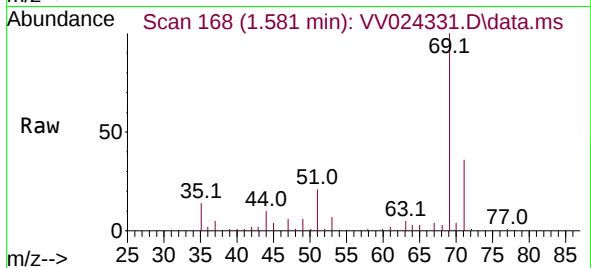
BGLL4ME

Tgt Ion: 64 Resp: 195

Ion Ratio Lower Upper

64 100

66 0.0 21.4 39.8#



#9

Trichlorofluoromethane

Concen: 1.775 ug/L

RT: 2.092 min Scan# 327

Delta R.T. 0.338 min

Lab File: VV024331.D

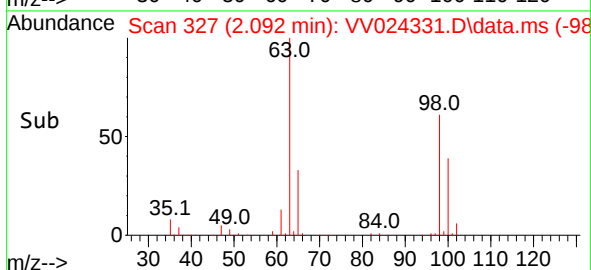
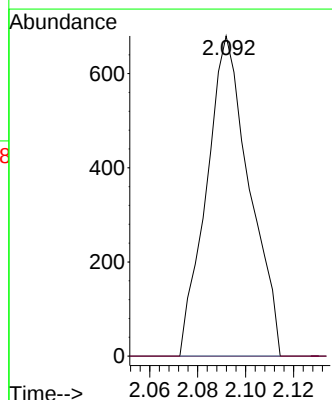
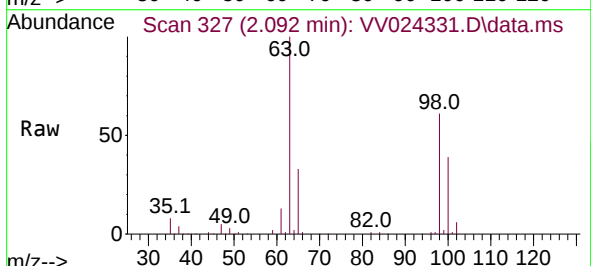
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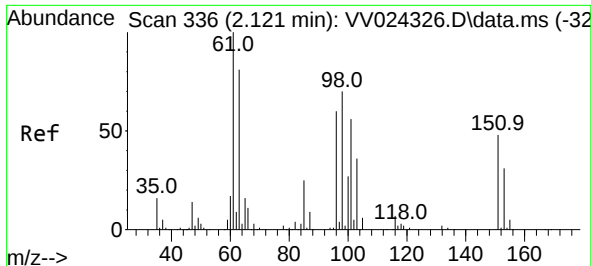
Tgt Ion:101 Resp: 846

Ion Ratio Lower Upper

101 100

103 17.7 52.0 78.0#

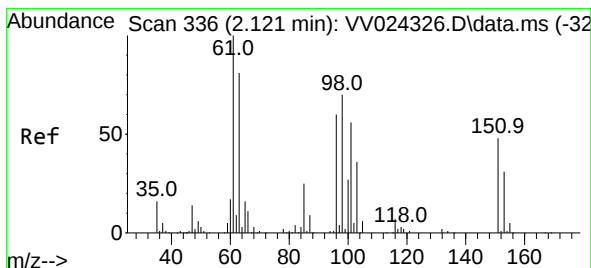
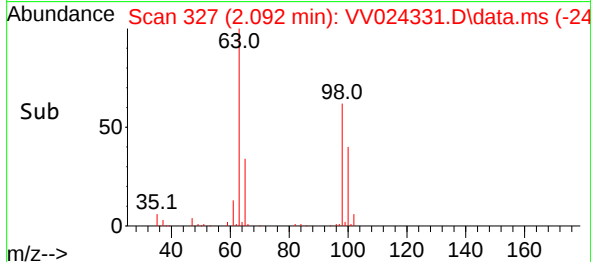
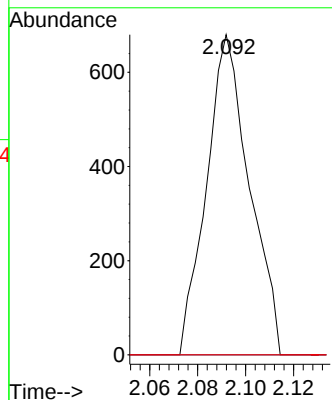
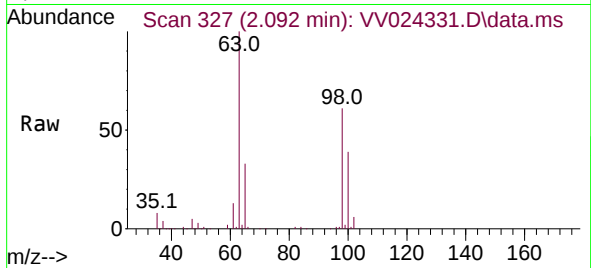




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.633 ug/L
RT: 2.092 min Scan# 31
Delta R.T. -0.029 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

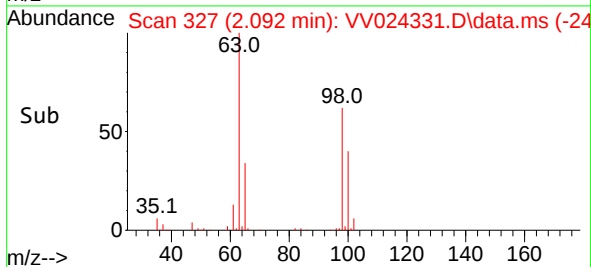
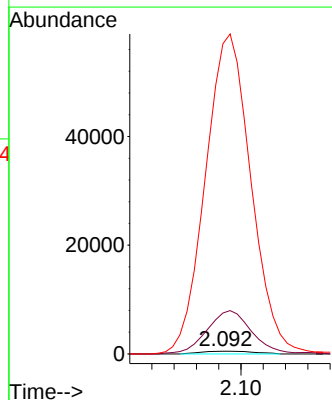
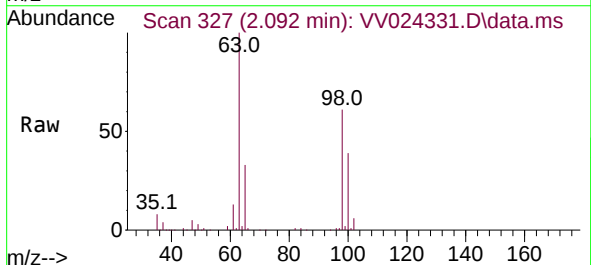
Instrument :
MSVOA_V
ClientSampleId :
BGLL4ME

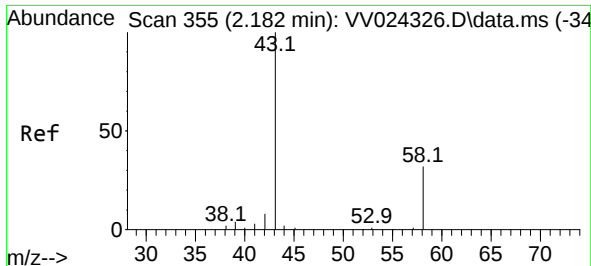
Tgt Ion:101 Resp: 846
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 67.1 100.7#



#12
1,1-Dichloroethene
Concen: 3.762 ug/L
RT: 2.092 min Scan# 327
Delta R.T. -0.029 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

Tgt Ion: 96 Resp: 847
Ion Ratio Lower Upper
96 100
61 1483.6 111.9 207.9#
63 11256.8 82.7 153.5#

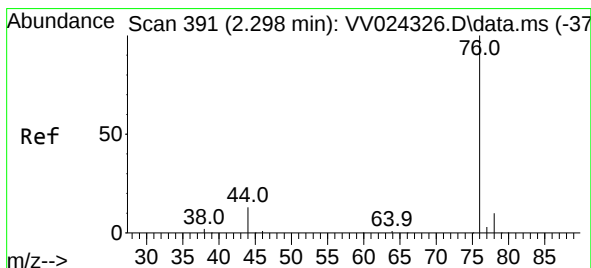
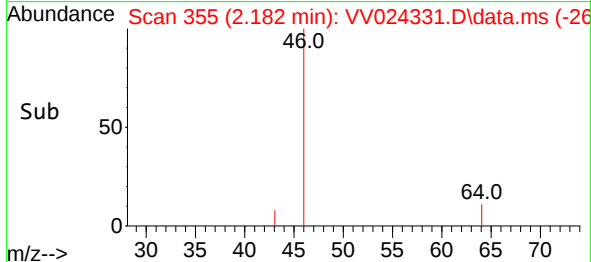
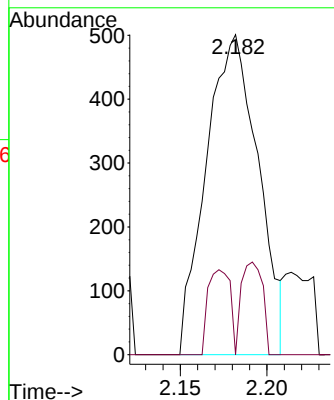
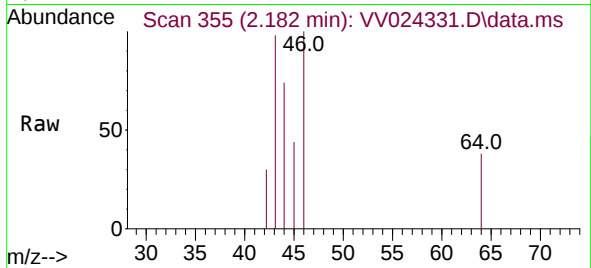




#13
Acetone
Concen: 7.148 ug/L
RT: 2.182 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

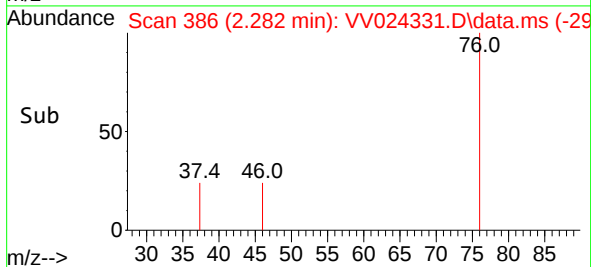
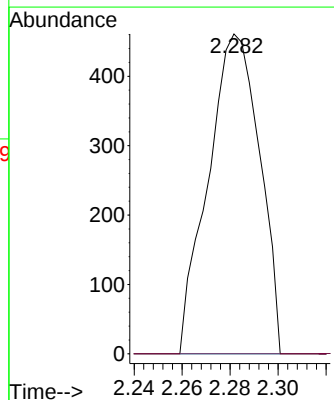
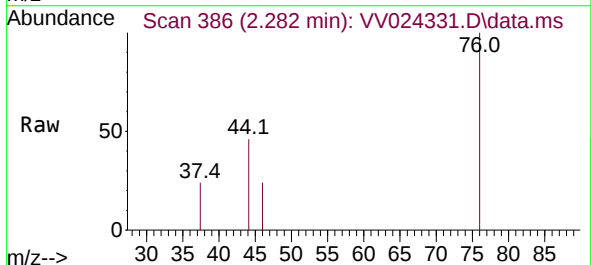
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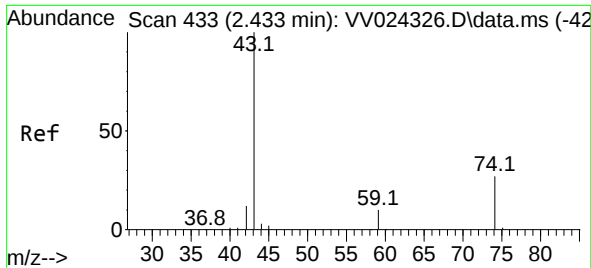
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
58 11.8 0.0 63.0



#14
Carbon disulfide
Concen: 1.051 ug/L
RT: 2.282 min Scan# 386
Delta R.T. -0.016 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

Tgt Ion: 76 Resp: 687
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

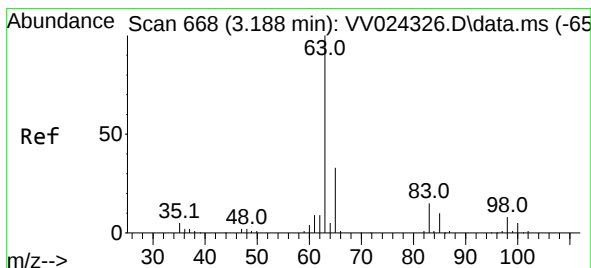
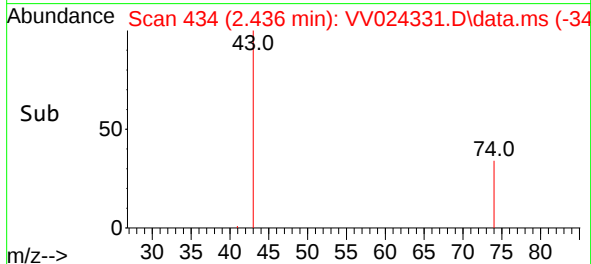
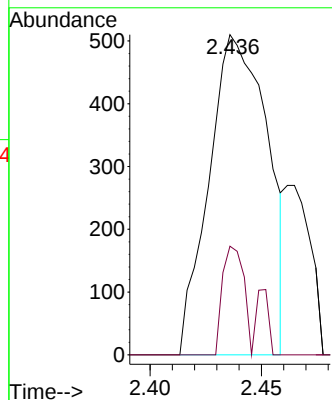
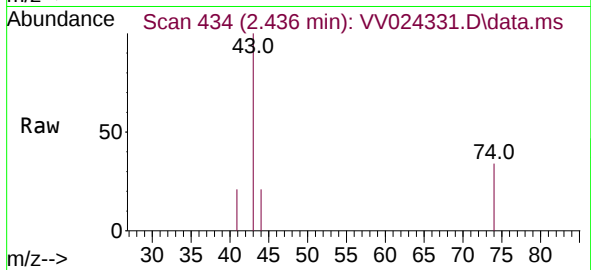




#15
Methyl Acetate
Concen: 4.365 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

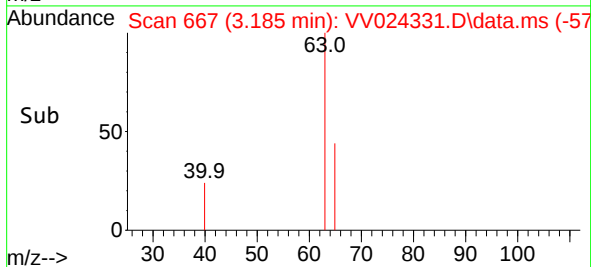
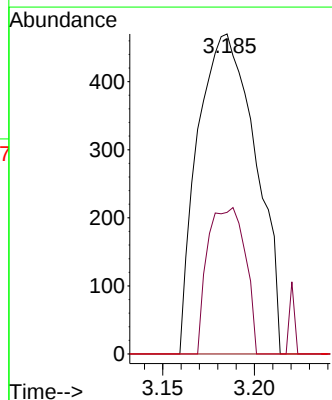
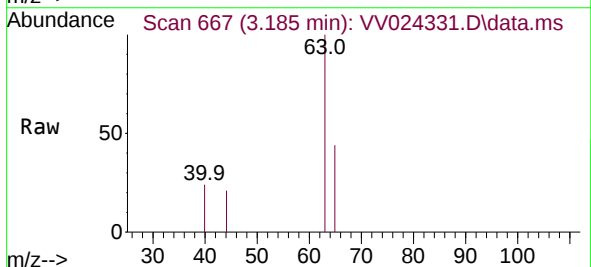
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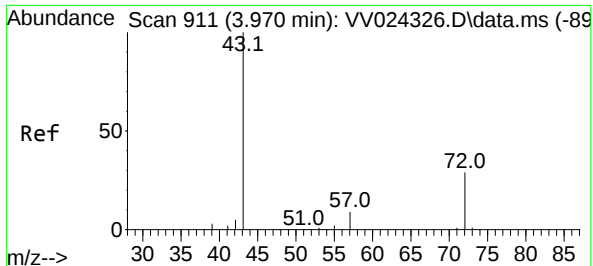
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
74 12.3 21.8 32.8#



#19
1,1-Dichloroethane
Concen: 2.684 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

Tgt Ion: 63 Resp: 1033
Ion Ratio Lower Upper
63 100
65 44.3 22.4 41.6#
83 0.0 10.6 19.6#





#22

2-Butanone

Concen: 11.117 ug/L

RT: 3.979 min Scan# 911

Delta R.T. 0.010 min

Lab File: VV024331.D

Acq: 12 Jan 2022 15:38

Instrument :

MSVOA_V

ClientSampleId :

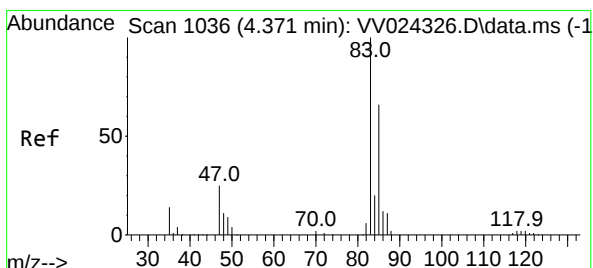
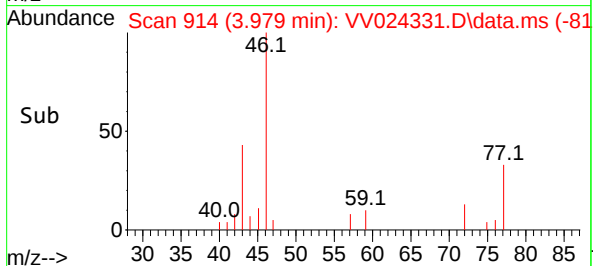
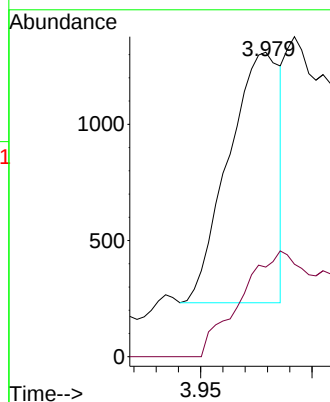
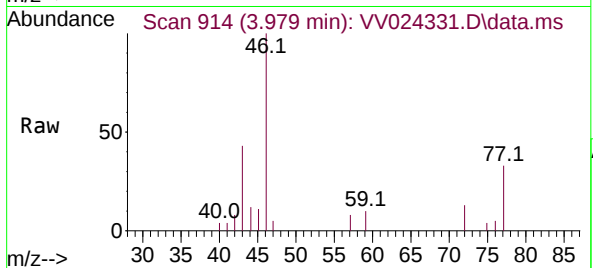
BGLL4ME

Tgt Ion: 43 Resp: 1728

Ion Ratio Lower Upper

43 100

72 55.4 14.9 44.9#



#25

Chloroform

Concen: 19.555 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VV024331.D

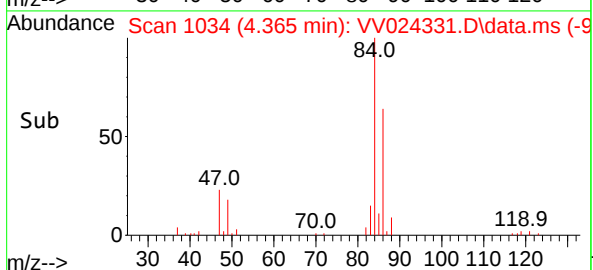
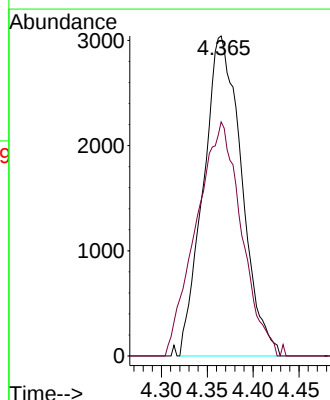
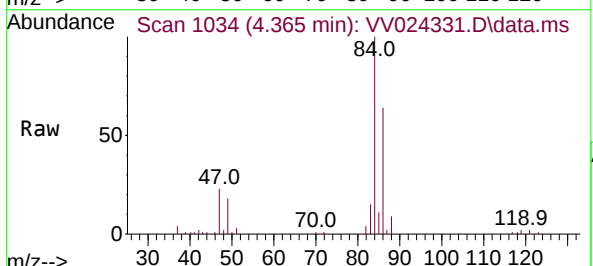
Acq: 12 Jan 2022 15:38

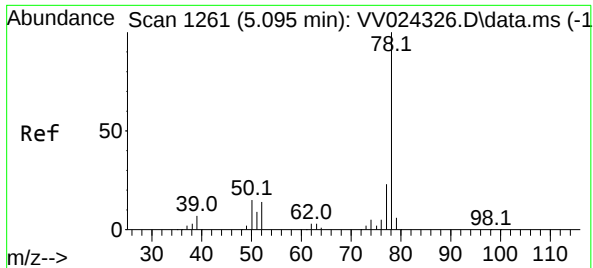
Tgt Ion: 83 Resp: 8798

Ion Ratio Lower Upper

83 100

85 73.1 46.3 85.9

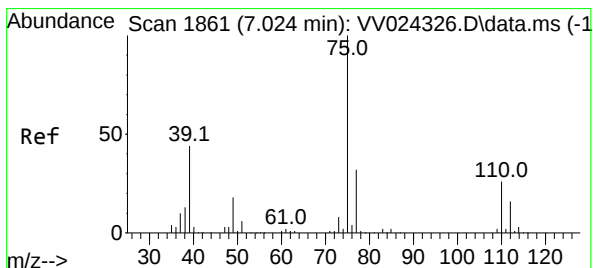
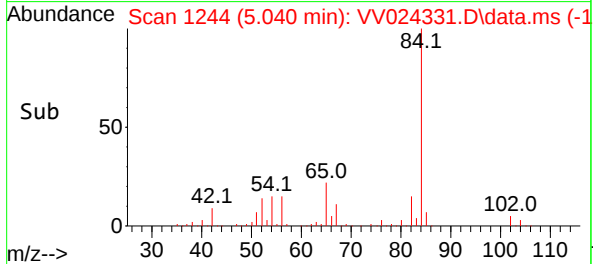
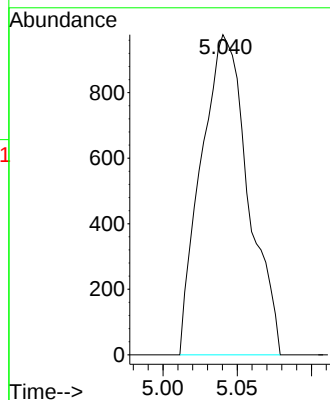
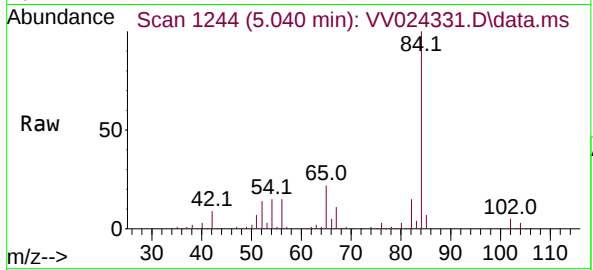




#33
Benzene
Concen: 2.172 ug/L
RT: 5.040 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

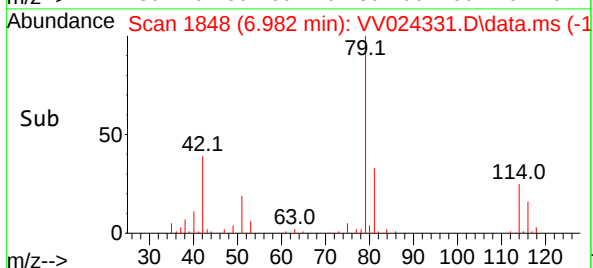
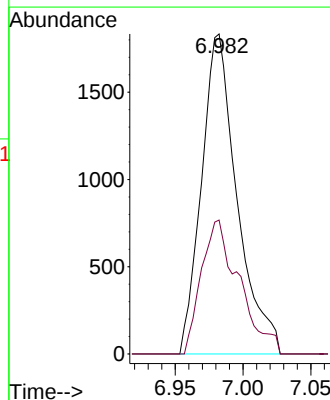
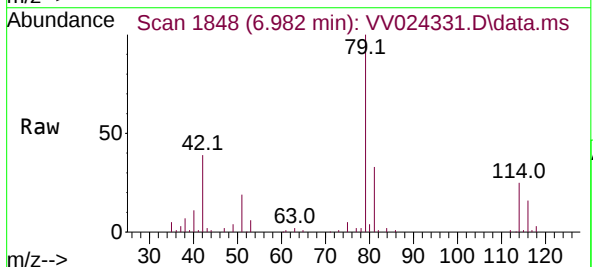
Instrument :
MSVOA_V
ClientSampleId :
BGLL4ME

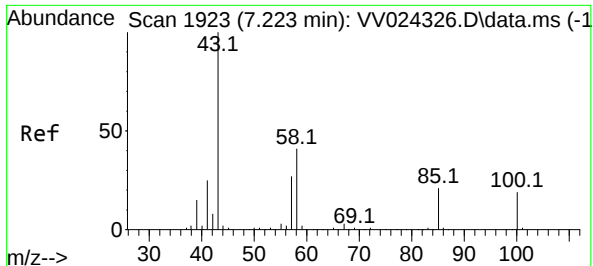
Tgt Ion: 78 Resp: 2150



#39
cis-1,3-Dichloropropene
Concen: 8.537 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.042 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

Tgt Ion: 75 Resp: 3341
Ion Ratio Lower Upper
75 100
77 41.9 23.0 42.8





#40

4-Methyl-2-pentanone

Concen: 2.833 ug/L

RT: 7.307 min Scan# 1923

Delta R.T. 0.084 min

Lab File: VV024331.D

Acq: 12 Jan 2022 15:38

Instrument :

MSVOA_V

ClientSampleId :

BGLL4ME

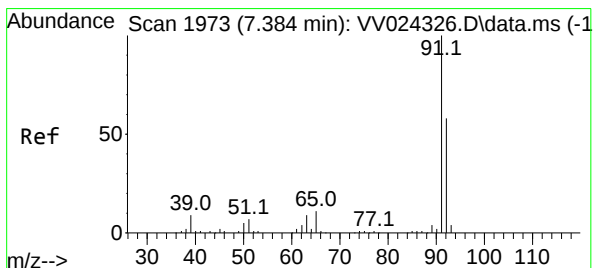
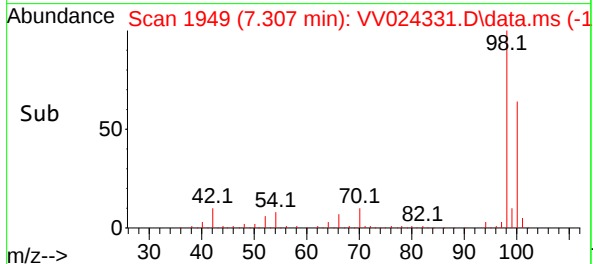
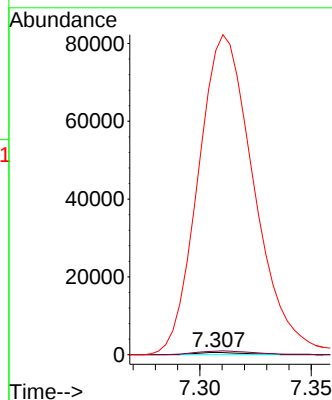
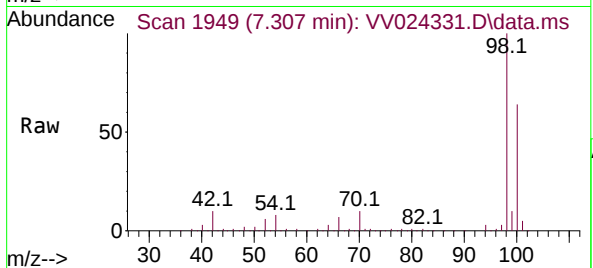
Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

58 200.5 33.0 49.4#

100 16979.0 16.0 24.0#



#42

Toluene

Concen: 3.327 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV024331.D

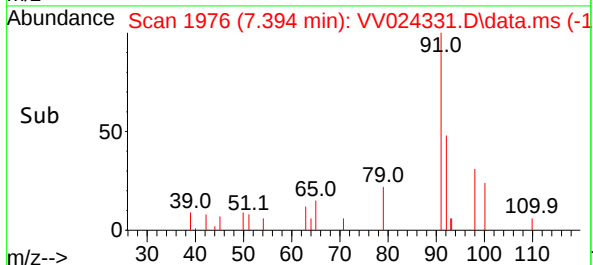
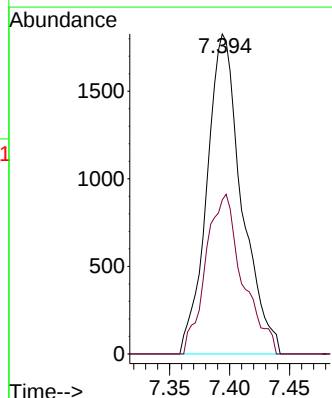
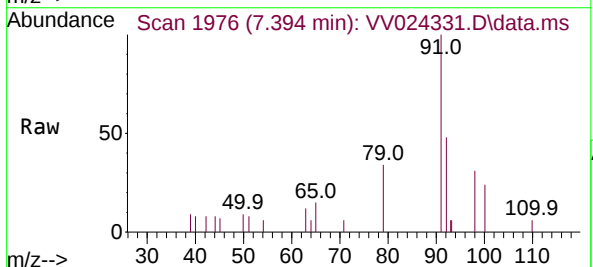
Acq: 12 Jan 2022 15:38

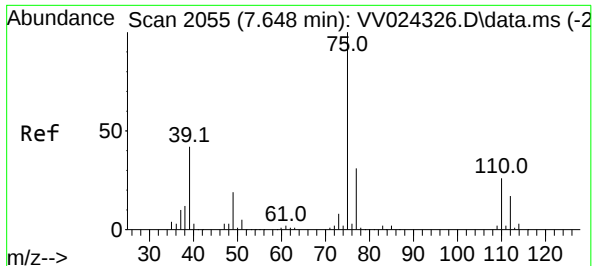
Tgt Ion: 91 Resp: 3696

Ion Ratio Lower Upper

91 100

92 48.2 40.4 75.0

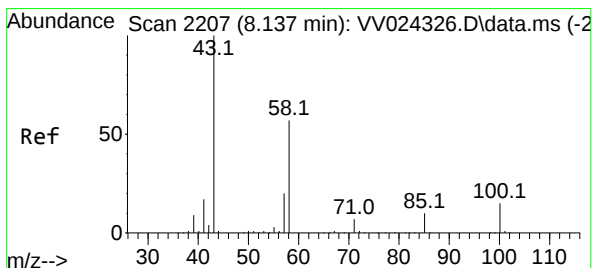
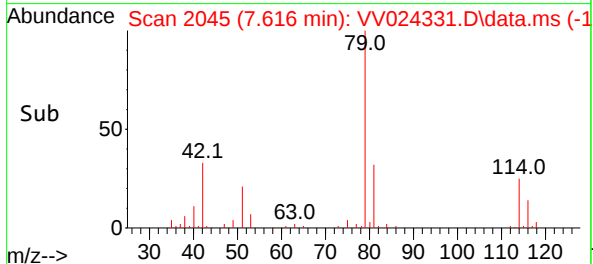
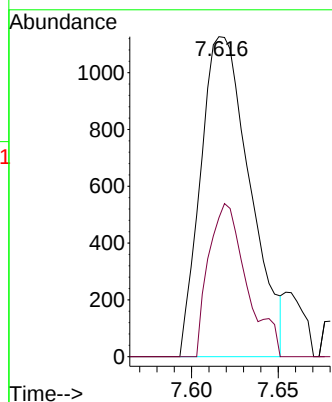
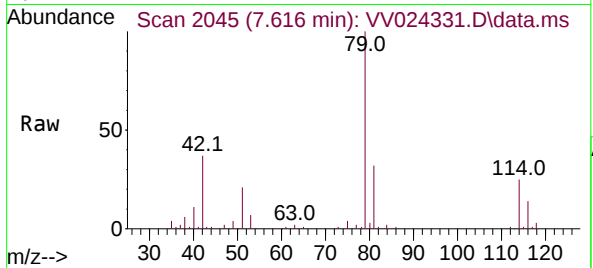




#44
trans-1,3-Dichloropropene
Concen: 5.605 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.032 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

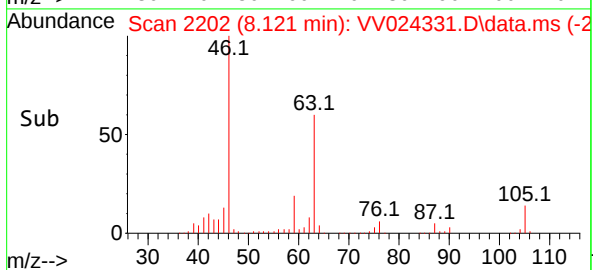
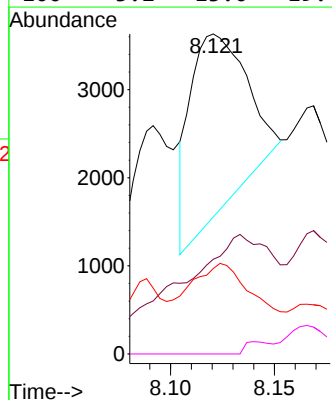
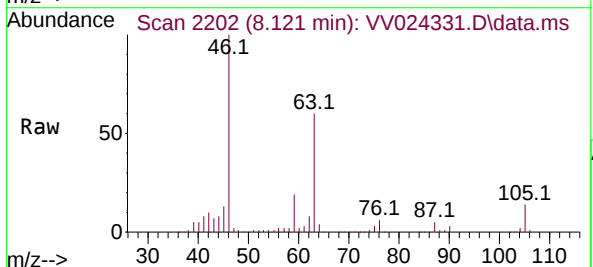
Instrument :
MSVOA_V
ClientSampleId :
BGLL4ME

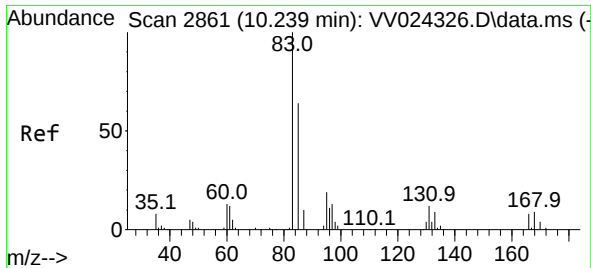
Tgt Ion: 75 Resp: 2225
Ion Ratio Lower Upper
75 100
77 43.4 22.7 42.1#



#48
2-Hexanone
Concen: 15.929 ug/L
RT: 8.121 min Scan# 2202
Delta R.T. -0.016 min
Lab File: VV024331.D
Acq: 12 Jan 2022 15:38

Tgt Ion: 43 Resp: 3884
Ion Ratio Lower Upper
43 100
58 0.0 45.0 67.4#
57 36.3 16.9 25.3#
100 3.2 13.0 19.4#

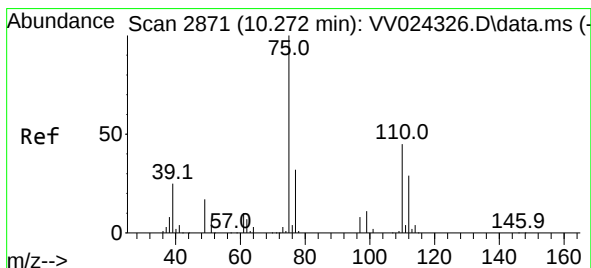
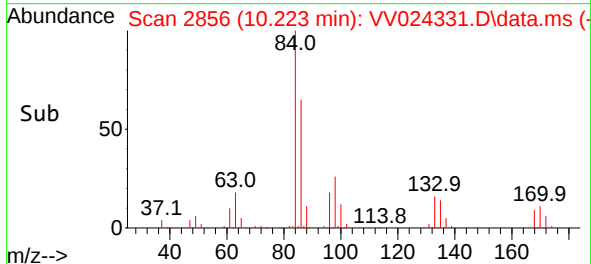
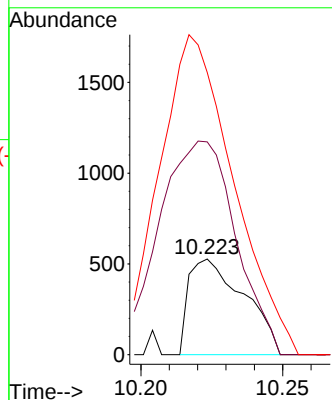
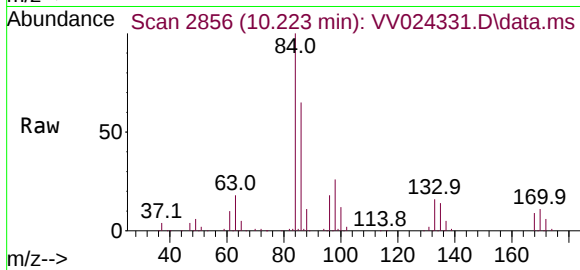




#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.874 ug/L
 RT: 10.223 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: VV024331.D
 Acq: 12 Jan 2022 15:38

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLL4ME

Tgt Ion: 83 Resp: 714
 Ion Ratio Lower Upper
 83 100
 85 222.4 44.5 82.7#
 131 295.1 9.2 13.8#



#61
 1,2,3-Trichloropropane
 Concen: 6.318 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.981 min
 Lab File: VV024331.D
 Acq: 12 Jan 2022 15:38

Tgt Ion: 75 Resp: 1707
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.9 40.3
 110 2.4 37.1 55.7#

