

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024415.D
 Acq On : 20 Jan 2022 14:27
 Operator : SY/MD
 Sample : N1191-03MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MS

Quant Time: Jan 21 00:06:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 21 00:04:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	213926	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	204266	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	112745	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78472	50.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.940%	
7) Chloroethane-d5	1.568	69	59899	51.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.420%	
11) 1,1-Dichloroethene-d2	2.111	63	146164	50.796	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.600%	
21) 2-Butanone-d5	3.883	46	94243	109.869	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 109.870%	
24) Chloroform-d	4.349	84	151579	53.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.740%	
26) 1,2-Dichloroethane-d4	5.031	65	100562	53.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.760%	
32) Benzene-d6	5.050	84	284883	53.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.880%	
36) 1,2-Dichloropropane-d6	6.069	67	81943	54.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.700%	
41) Toluene-d8	7.313	98	278114	53.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.780%	
43) trans-1,3-Dichloroprop...	7.619	79	46739	54.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.660%	
47) 2-Hexanone-d5	8.085	63	71653	110.400	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 110.400%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	112845	52.858	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 105.720%	
66) 1,2-Dichlorobenzene-d4	11.622	152	119670	53.251	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	86598	50.176	ug/L	98
3) Chloromethane	1.243	50	70779	48.813	ug/L	97
5) Vinyl chloride	1.311	62	73422	47.856	ug/L	97
6) Bromomethane	1.523	94	49675	56.819	ug/L	100
8) Chloroethane	1.584	64	43658	46.102	ug/L	98
9) Trichlorofluoromethane	1.754	101	125364	45.458	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	62912	46.678	ug/L	99
12) 1,1-Dichloroethene	2.121	96	58812	45.134	ug/L	88
13) Acetone	2.179	43	62171	73.409	ug/L	98
14) Carbon disulfide	2.294	76	166874	44.106	ug/L	99
15) Methyl Acetate	2.433	43	56810	46.120	ug/L	99
16) Methylene chloride	2.507	84	66876	47.128	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	61810	46.032	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	198552	47.979	ug/L	99
19) 1,1-Dichloroethane	3.188	63	103402	46.428	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	66874	46.633	ug/L	99
22) 2-Butanone	3.966	43	79048	87.867	ug/L	95
23) Bromochloromethane	4.249	128	37641	45.554	ug/L	91
25) Chloroform	4.375	83	117599	45.162	ug/L	98

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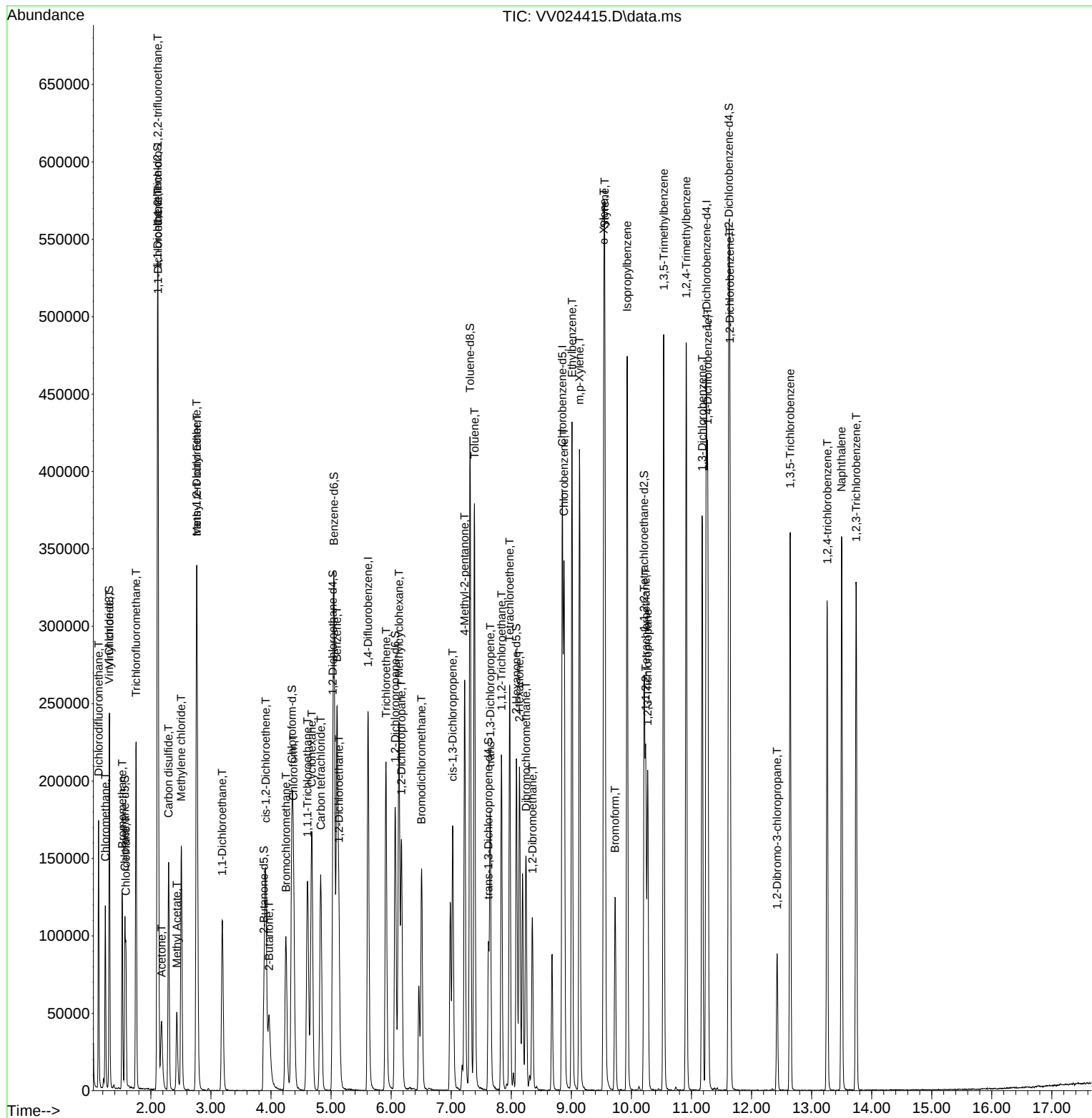
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	99550	47.003	ug/L	99
29) Cyclohexane	4.677	56	88968	48.724	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	112060	44.587	ug/L	100
31) Carbon tetrachloride	4.828	117	103142	44.235	ug/L	100
33) Benzene	5.098	78	241251	46.448	ug/L	100
34) Trichloroethene	5.915	95	68273	47.667	ug/L	98
35) Methylcyclohexane	6.130	83	101804	47.926	ug/L	99
37) 1,2-Dichloropropane	6.172	63	58494	47.881	ug/L	99
38) Bromodichloromethane	6.506	83	89177	46.518	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	96989	47.229	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	158487	99.487	ug/L	98
42) Toluene	7.387	91	272646	46.763	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	100586	48.285	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	63925	46.676	ug/L	98
46) Tetrachloroethene	7.976	164	59146	45.370	ug/L	100
48) 2-Hexanone	8.137	43	121502	94.959	ug/L	99
49) Dibromochloromethane	8.246	129	79209	46.140	ug/L	97
50) 1,2-Dibromoethane	8.352	107	69954	47.555	ug/L	97
51) Chlorobenzene	8.879	112	181495	46.217	ug/L	99
52) Ethylbenzene	9.011	91	292040	46.886	ug/L	100
53) m,p-Xylene	9.137	106	116002	46.463	ug/L	97
54) o-Xylene	9.542	106	114721	48.136	ug/L	99
55) Styrene	9.558	104	197327	47.677	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	90623	45.316	ug/L	96
59) Bromoform	9.728	173	57355	44.613	ug/L	97
60) Isopropylbenzene	9.931	105	298011	47.767	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	77487	46.805	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	256505	47.797	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	258015	48.158	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	150978	46.935	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	153246	46.195	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	149421	45.071	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	20474	42.939	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	111859	45.208	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	96491	45.599	ug/L	99
71) Naphthalene	13.500	128	279020	45.575	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	98614	45.090	ug/L	100

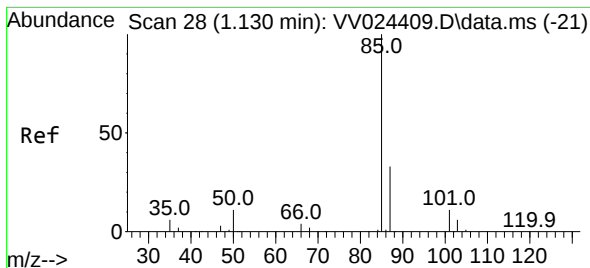
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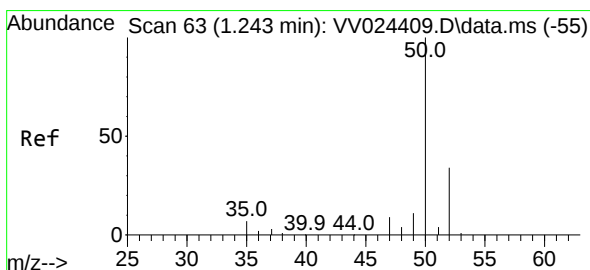
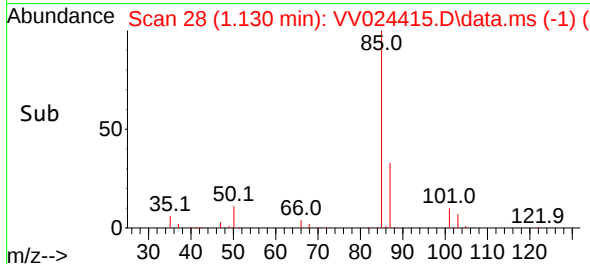
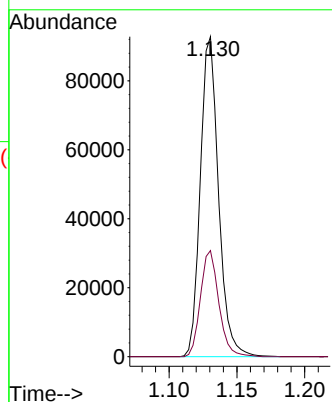
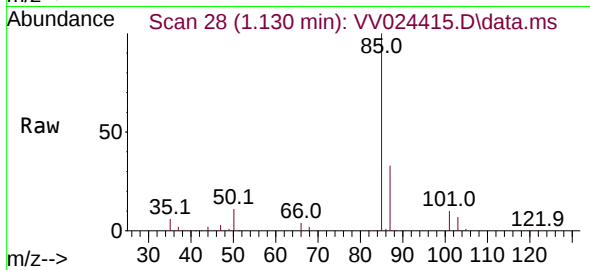




#2
 Dichlorodifluoromethane
 Concen: 50.176 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024415.D
 Acq: 20 Jan 2022 14:27

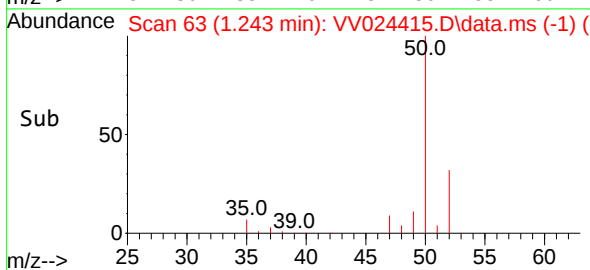
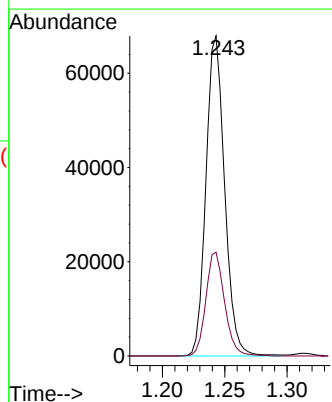
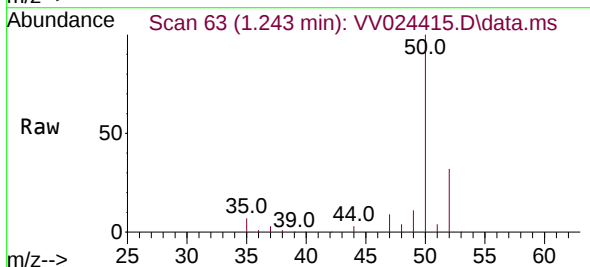
Instrument :
 MSVOA_V
 ClientSampleId :
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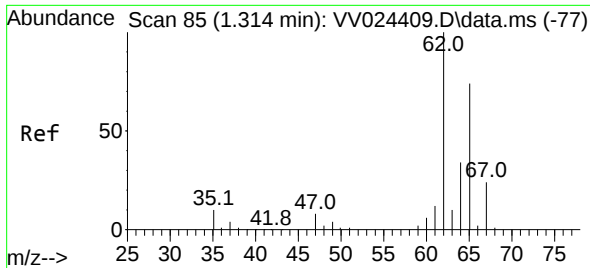
Tgt Ion: 85 Resp: 86598
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.8 38.8



#3
 Chloromethane
 Concen: 48.813 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024415.D
 Acq: 20 Jan 2022 14:27

Tgt Ion: 50 Resp: 70779
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.1 44.7

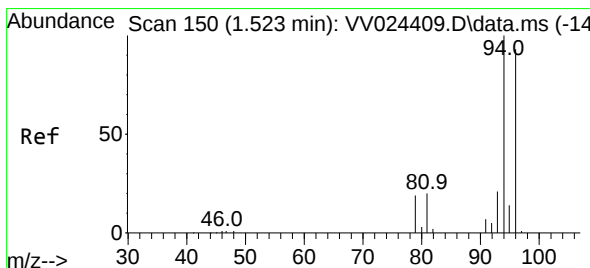
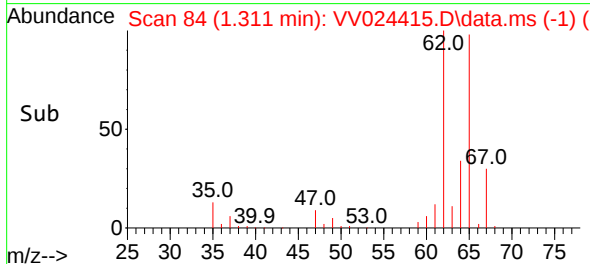
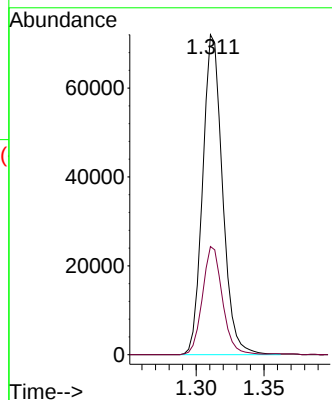
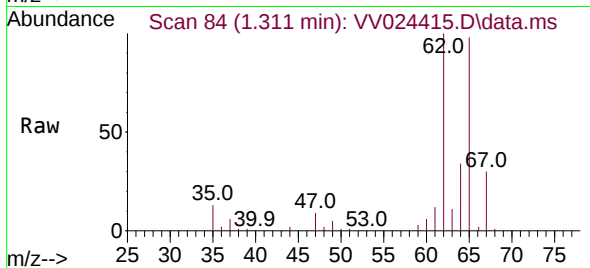




#5
 Vinyl chloride
 Concen: 47.856 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024415.D
 Acq: 20 Jan 2022 14:27

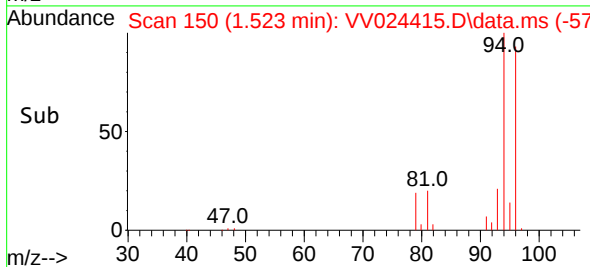
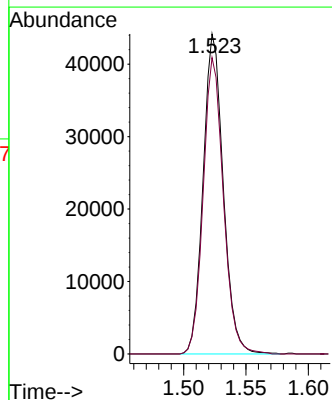
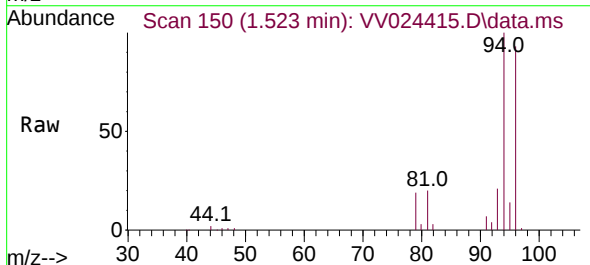
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MS

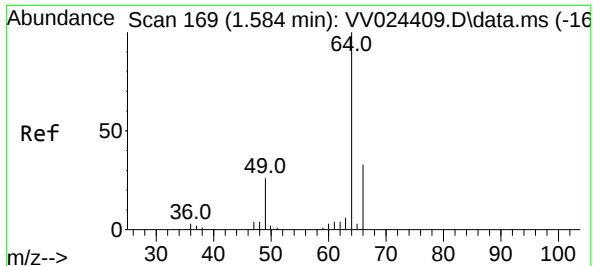
Tgt Ion: 62 Resp: 73422
 Ion Ratio Lower Upper
 62 100
 64 33.8 25.0 46.4



#6
 Bromomethane
 Concen: 56.819 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024415.D
 Acq: 20 Jan 2022 14:27

Tgt Ion: 94 Resp: 49675
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.0 120.6

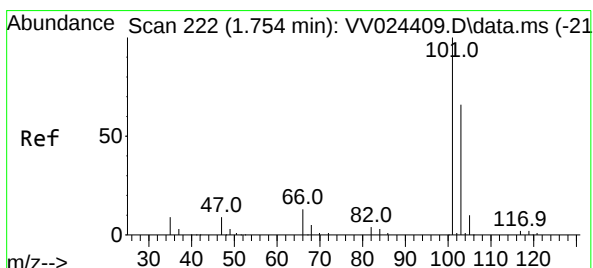
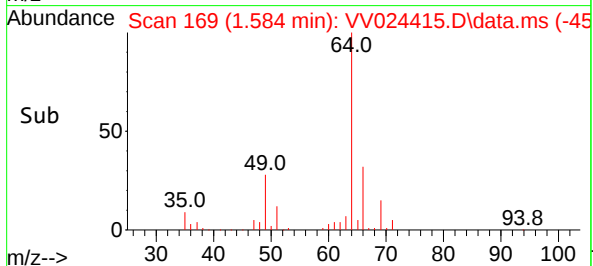
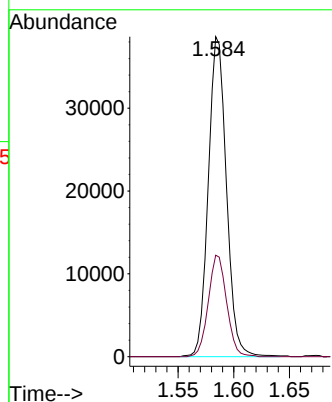
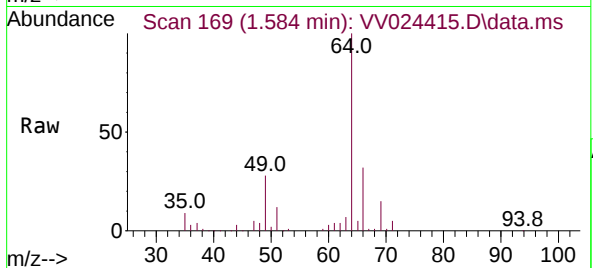




#8
Chloroethane
Concen: 46.102 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

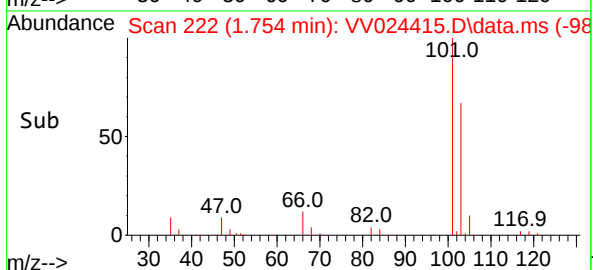
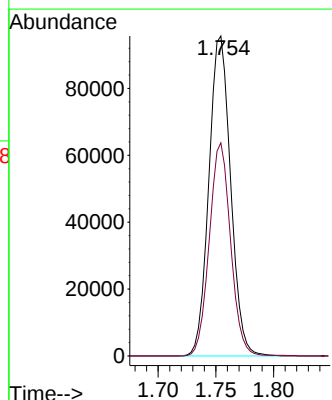
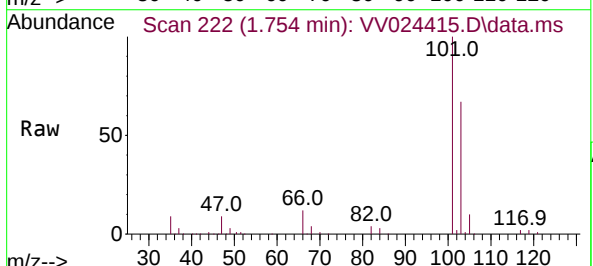
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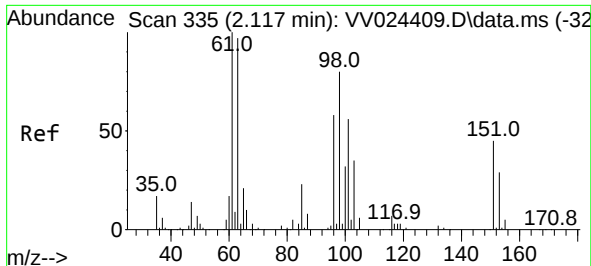
Tgt Ion: 64 Resp: 43658
Ion Ratio Lower Upper
64 100
66 31.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 45.458 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion:101 Resp: 125364
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 46.678 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

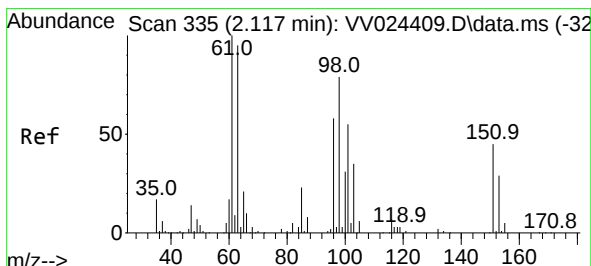
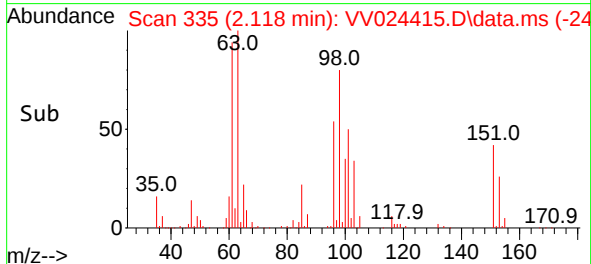
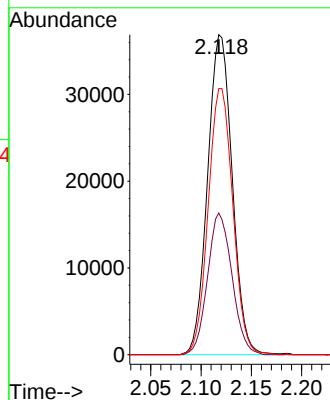
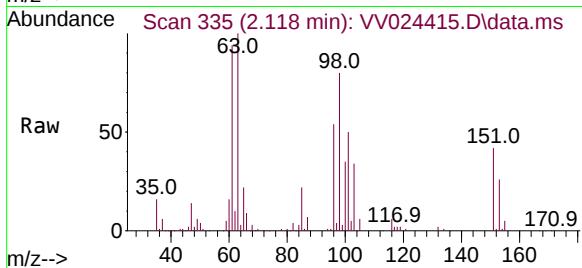
Tgt Ion:101 Resp: 62912

Ion Ratio Lower Upper

101 100

85 43.9 35.3 52.9

151 83.2 67.1 100.7



#12

1,1-Dichloroethene

Concen: 45.134 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

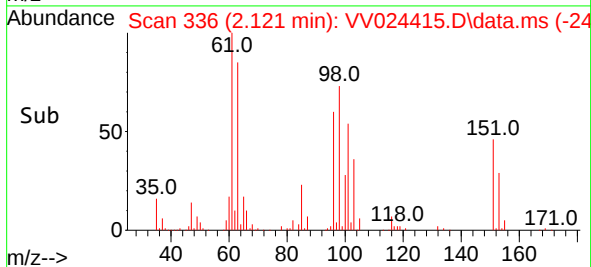
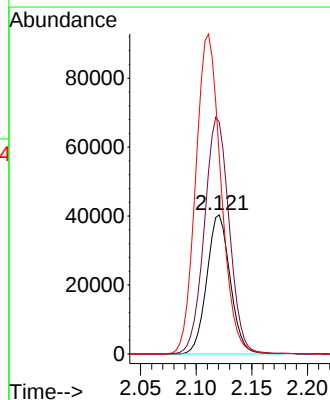
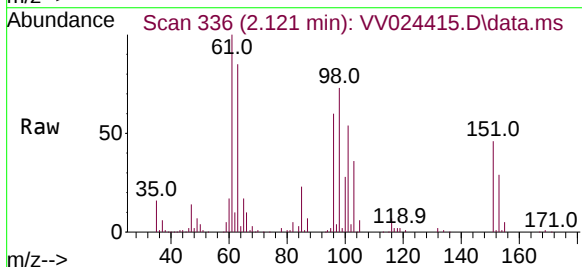
Tgt Ion: 96 Resp: 58812

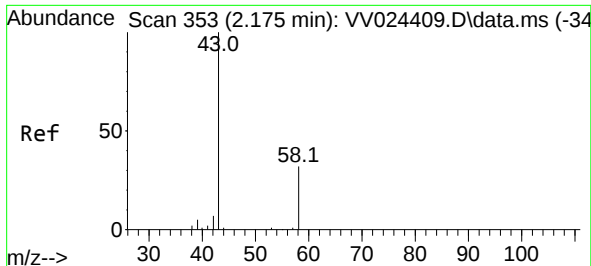
Ion Ratio Lower Upper

96 100

61 166.7 111.9 207.9

63 142.3 82.7 153.5





#13

Acetone

Concen: 73.409 ug/L

RT: 2.179 min Scan# 3

Delta R.T. 0.003 min

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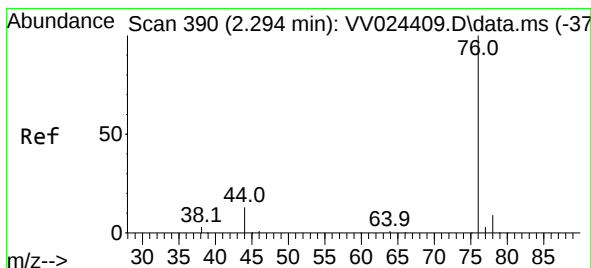
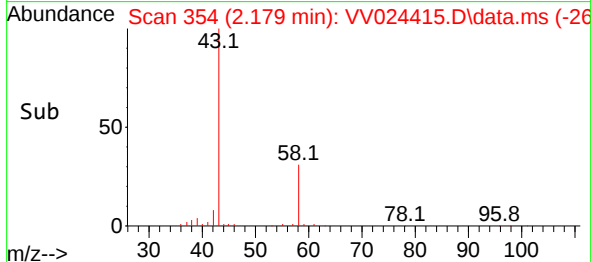
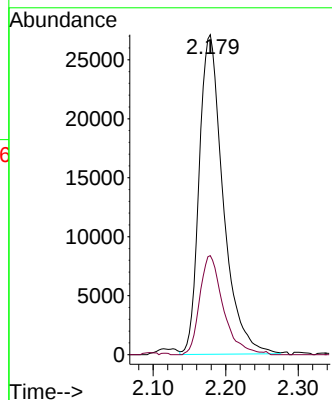
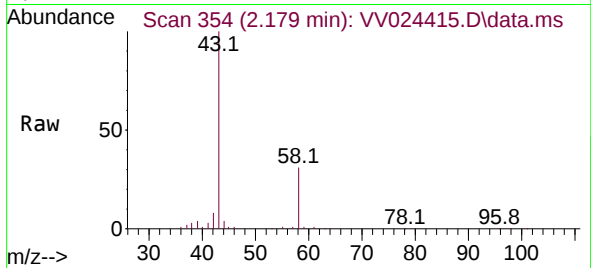
GBCM0MS

Tgt Ion: 43 Resp: 62171

Ion Ratio Lower Upper

43 100

58 30.5 0.0 63.0



#14

Carbon disulfide

Concen: 44.106 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

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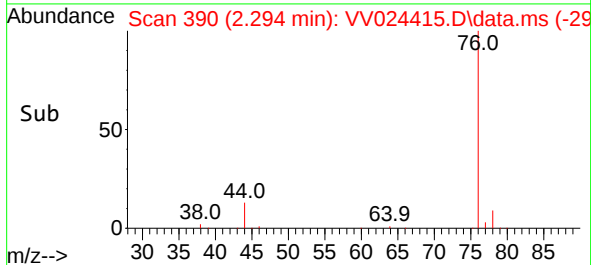
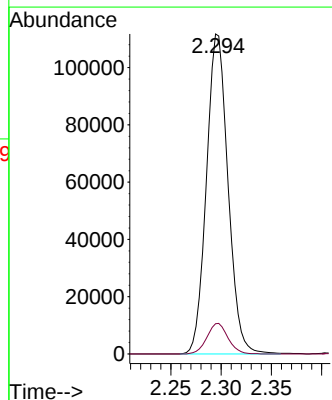
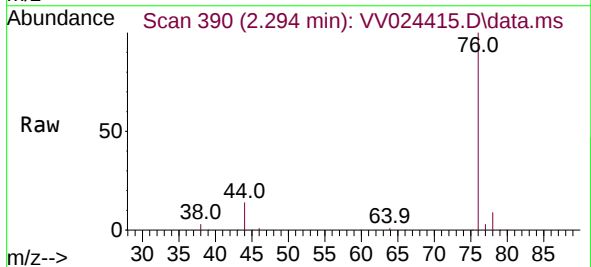
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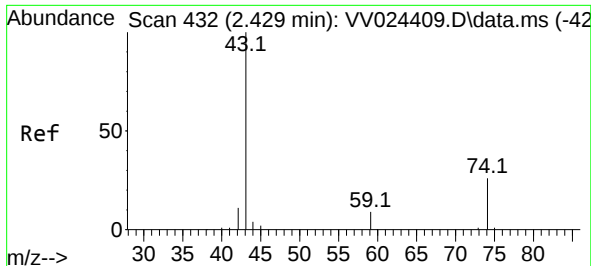
Tgt Ion: 76 Resp: 166874

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

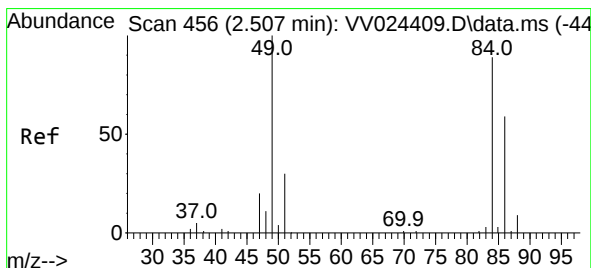
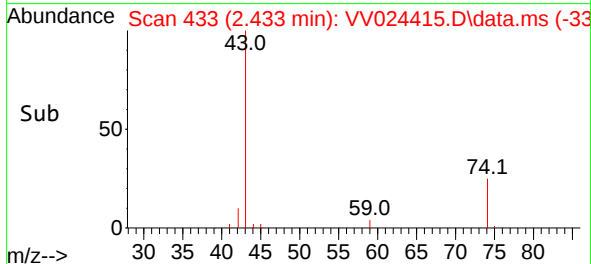
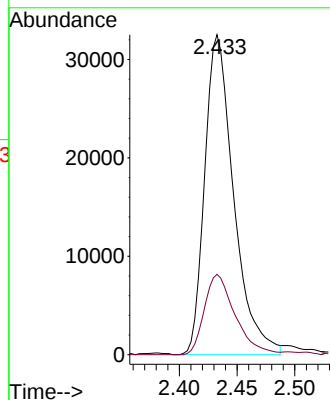
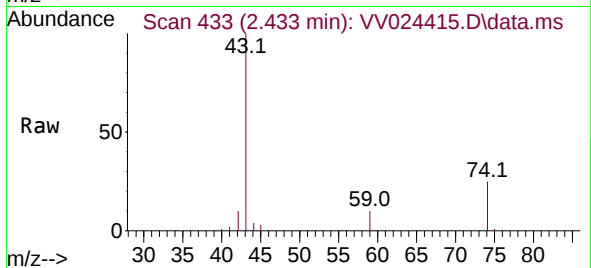




#15
Methyl Acetate
Concen: 46.120 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

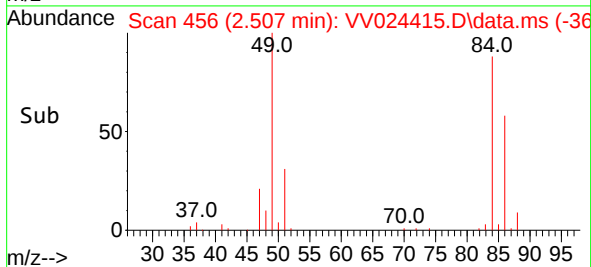
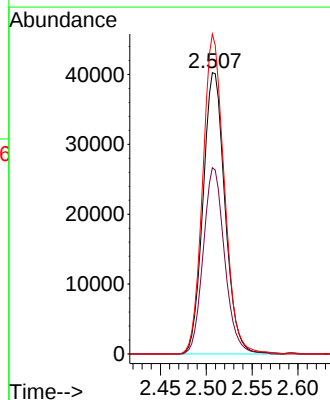
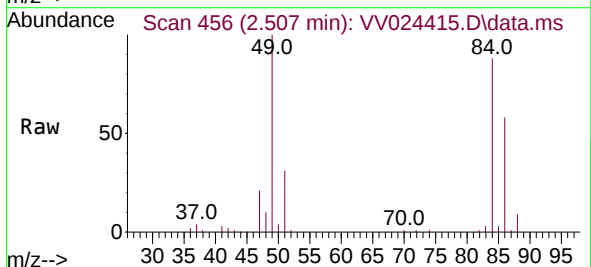
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

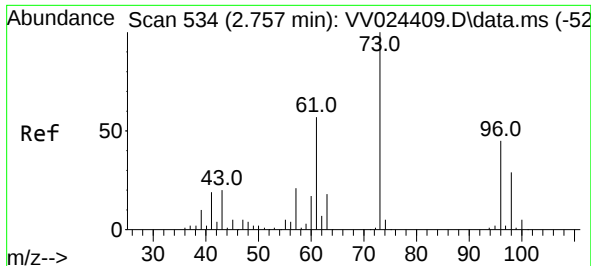
Tgt Ion: 43 Resp: 56810
Ion Ratio Lower Upper
43 100
74 26.6 21.8 32.8



#16
Methylene chloride
Concen: 47.128 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion: 84 Resp: 66876
Ion Ratio Lower Upper
84 100
86 66.2 46.8 86.8
49 113.8 78.3 145.3

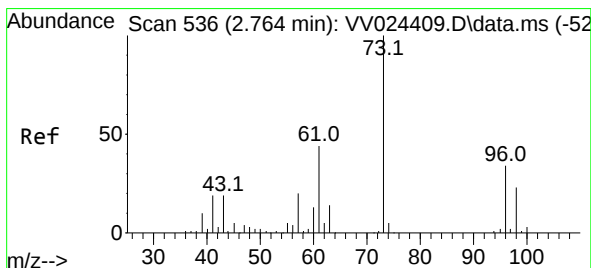
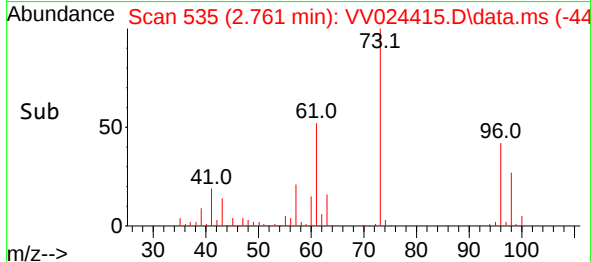
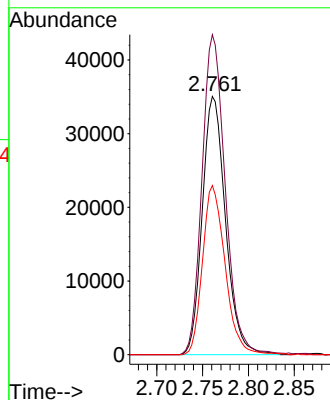
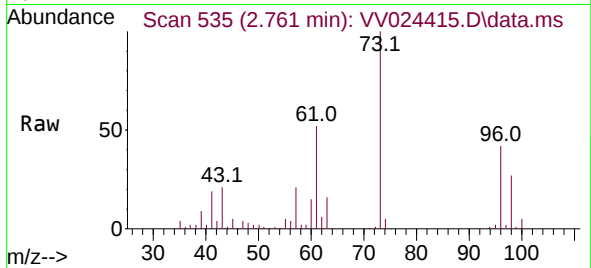




#17
trans-1,2-Dichloroethene
Concen: 46.032 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

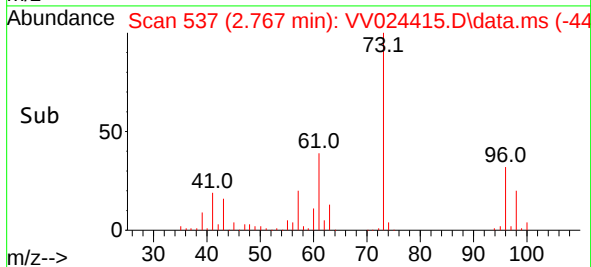
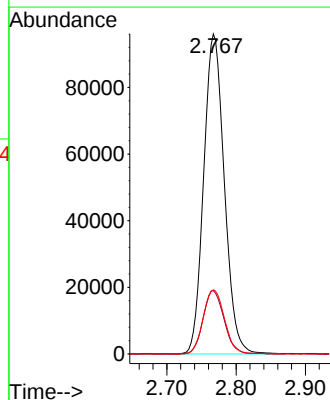
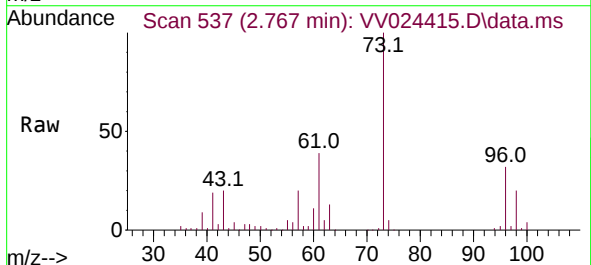
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

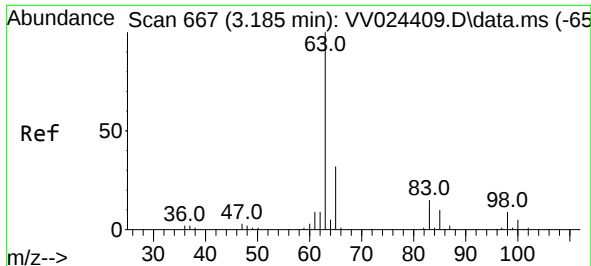
Tgt Ion: 96 Resp: 61810
Ion Ratio Lower Upper
96 100
61 123.9 88.1 163.7
98 65.5 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 47.979 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion: 73 Resp: 198552
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2
57 20.6 15.9 23.9





#19

1,1-Dichloroethane

Concen: 46.428 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

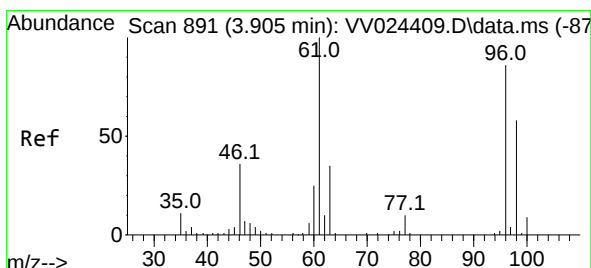
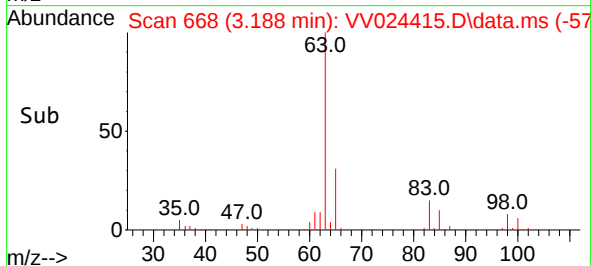
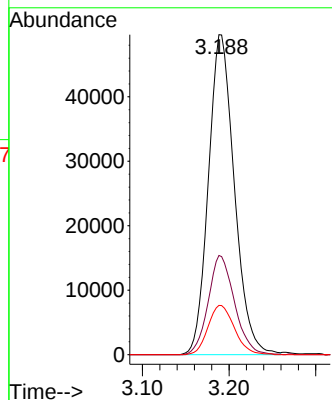
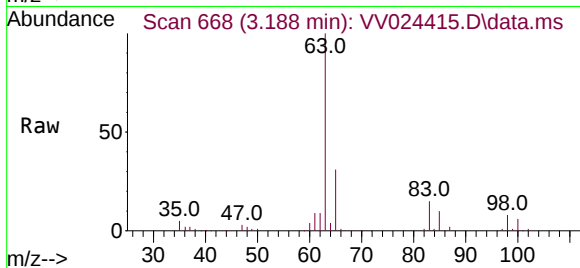
Tgt Ion: 63 Resp: 103402

Ion Ratio Lower Upper

63 100

65 31.0 22.4 41.6

83 15.4 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 46.633 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

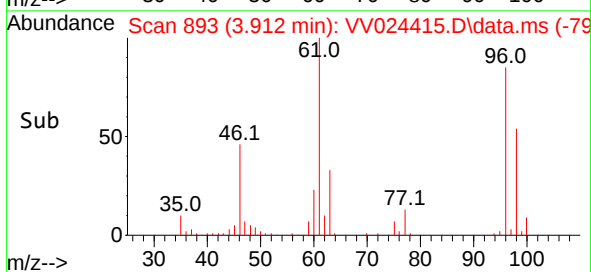
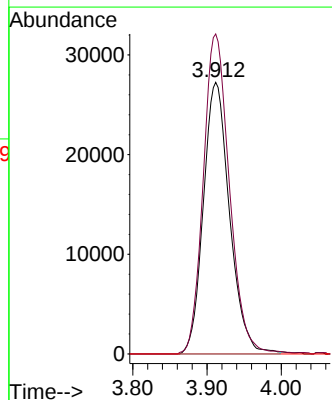
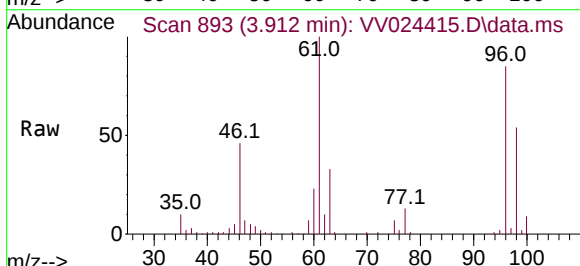
Tgt Ion: 96 Resp: 66874

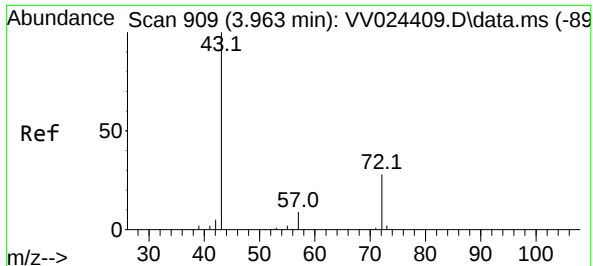
Ion Ratio Lower Upper

96 100

61 117.8 82.9 153.9

68 0.0 0.0 0.0

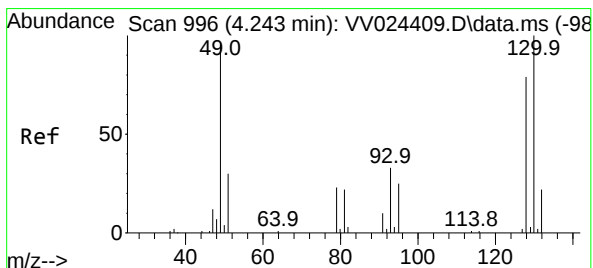
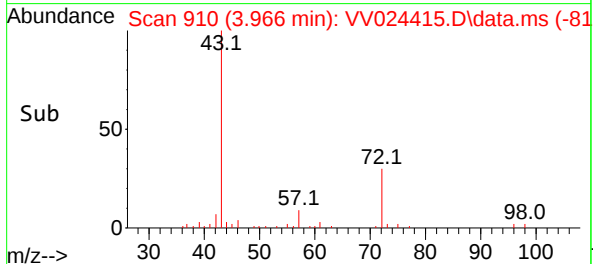
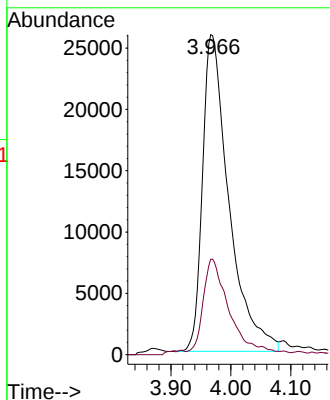
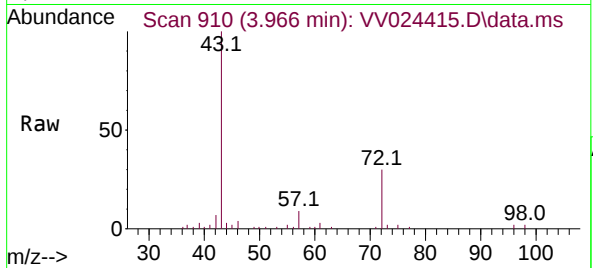




#22
2-Butanone
Concen: 87.867 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

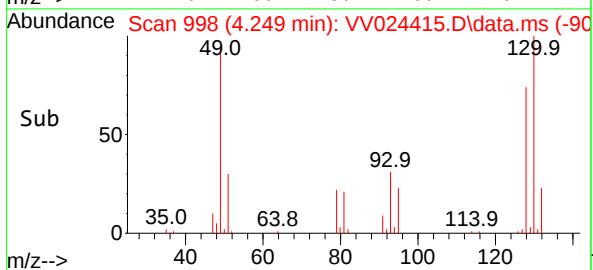
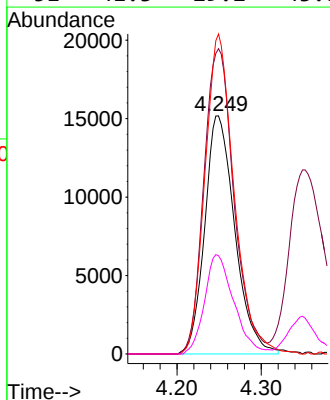
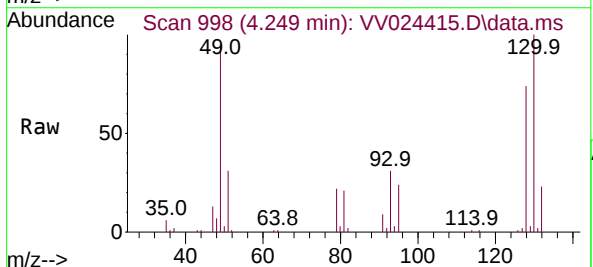
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

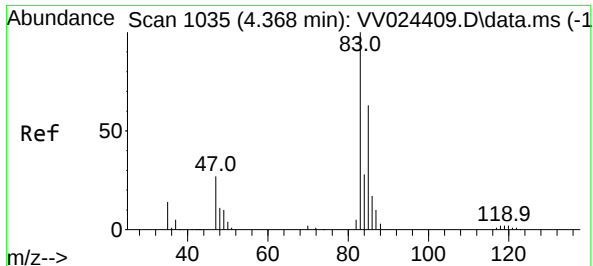
Tgt Ion: 43 Resp: 79048
Ion Ratio Lower Upper
43 100
72 27.1 14.9 44.9



#23
Bromochloromethane
Concen: 45.554 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion: 128 Resp: 37641
Ion Ratio Lower Upper
128 100
49 128.2 83.1 154.3
130 134.4 87.0 161.6
51 41.3 29.2 43.8





#25

Chloroform

Concen: 45.162 ug/L

RT: 4.375 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

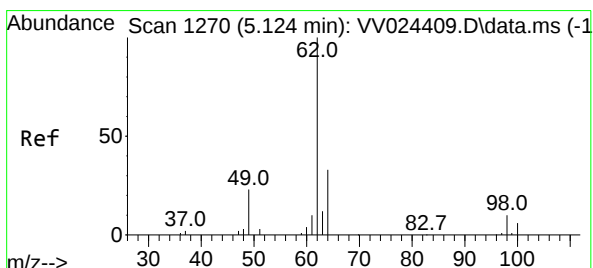
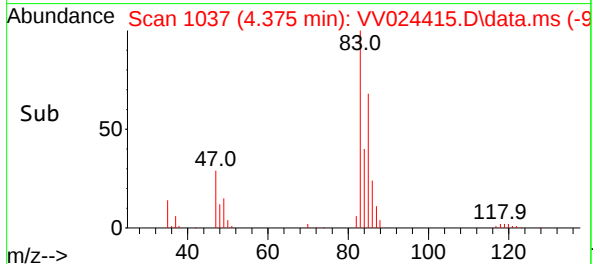
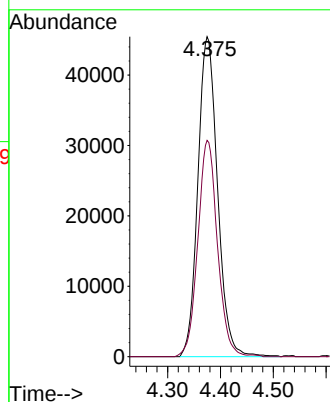
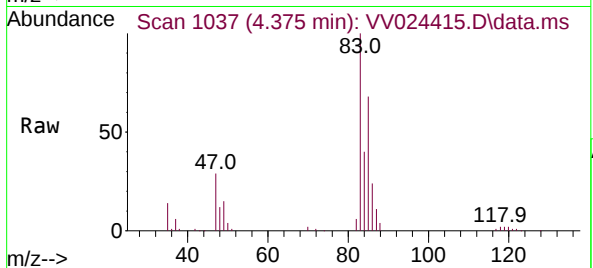
GBCM0MS

Tgt Ion: 83 Resp: 117599

Ion Ratio Lower Upper

83 100

85 67.6 46.3 85.9



#27

1,2-Dichloroethane

Concen: 47.003 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.007 min

Lab File: VV024415.D

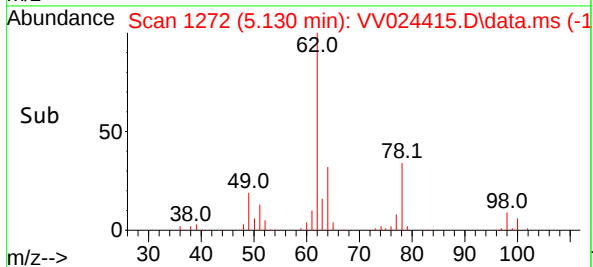
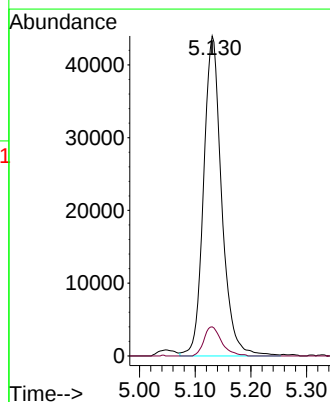
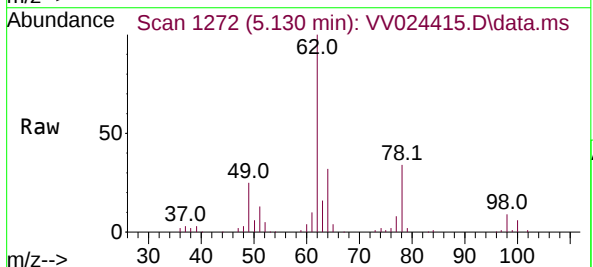
Acq: 20 Jan 2022 14:27

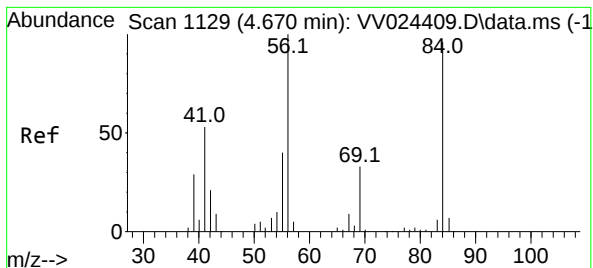
Tgt Ion: 62 Resp: 99550

Ion Ratio Lower Upper

62 100

98 9.1 7.1 10.7





#29

Cyclohexane

Concen: 48.724 ug/L

RT: 4.677 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

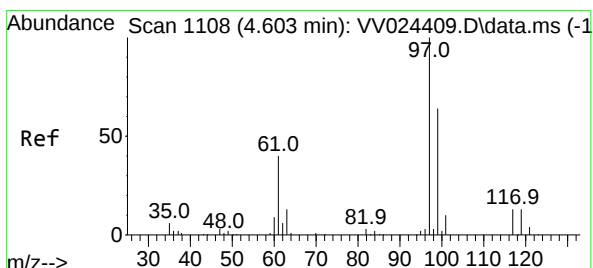
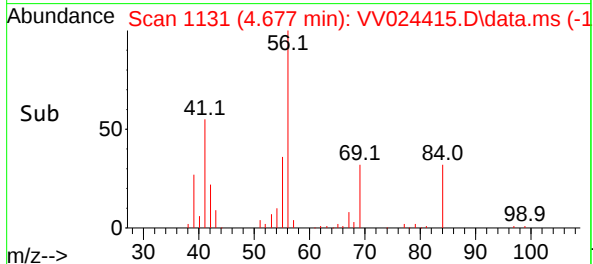
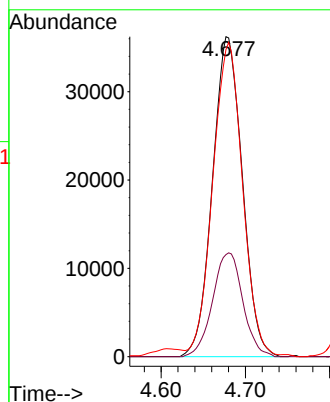
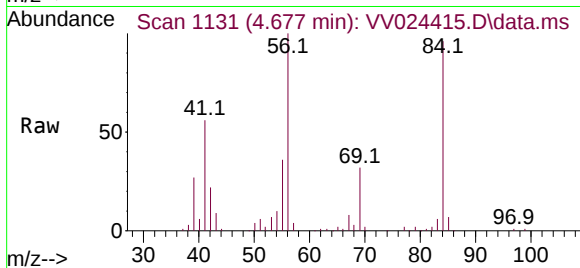
Tgt Ion: 56 Resp: 88968

Ion Ratio Lower Upper

56 100

69 32.9 25.8 38.6

84 97.0 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 44.587 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

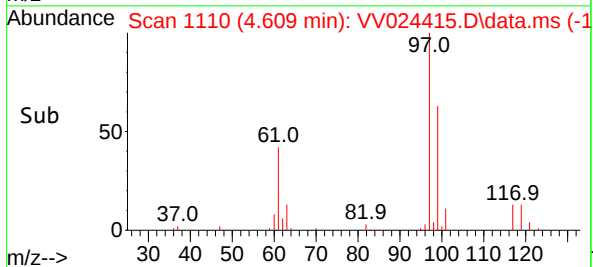
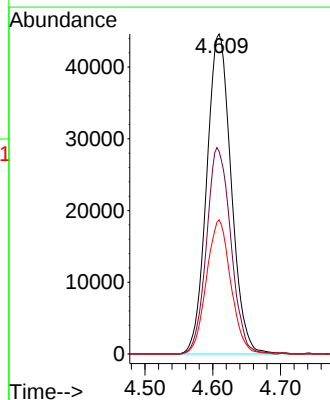
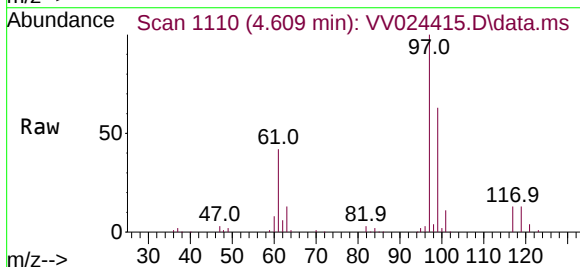
Tgt Ion: 97 Resp: 112060

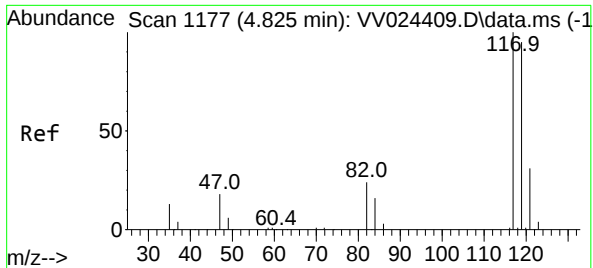
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 41.6 33.2 49.8

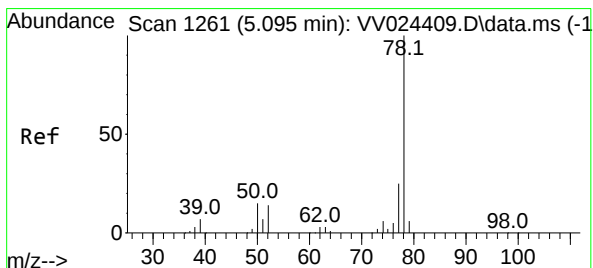
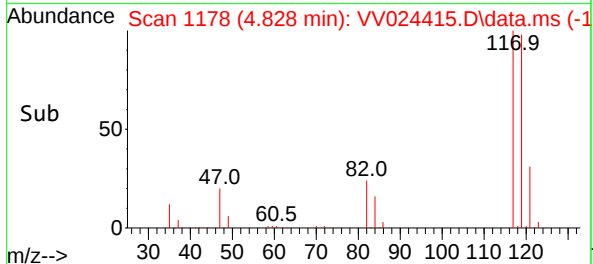
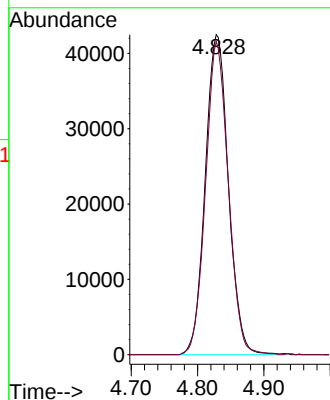
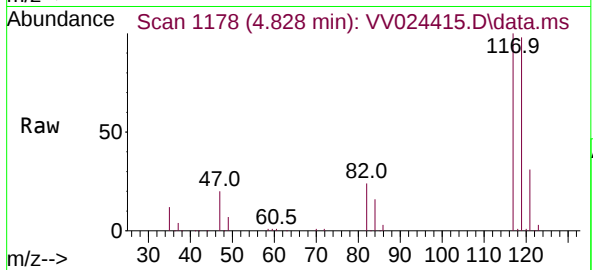




#31
Carbon tetrachloride
Concen: 44.235 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

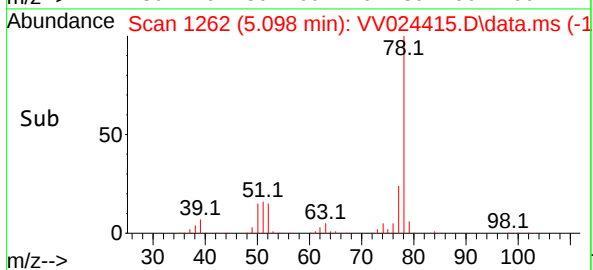
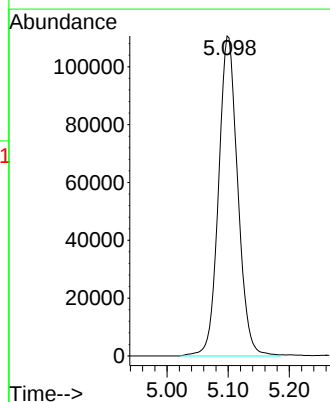
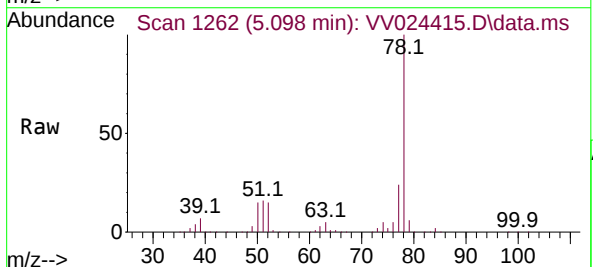
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

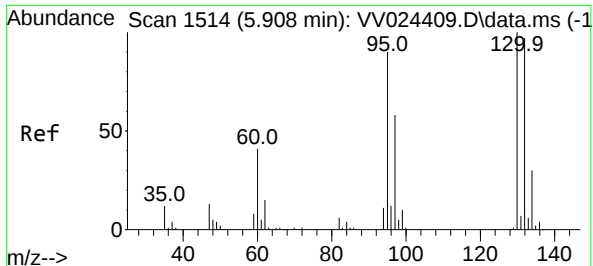
Tgt Ion:117 Resp: 103142
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 46.448 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion: 78 Resp: 241251

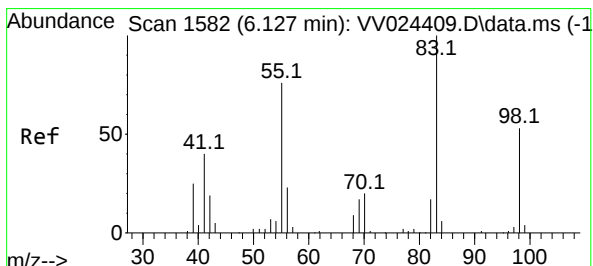
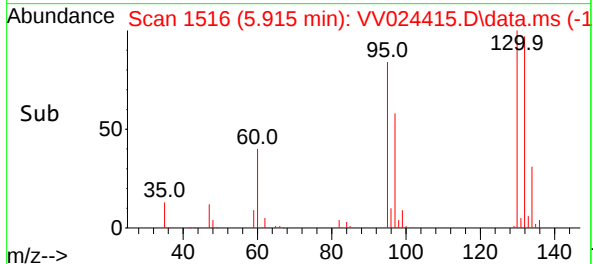
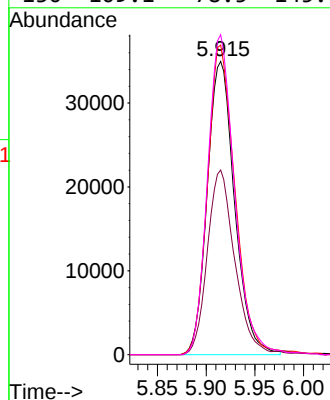
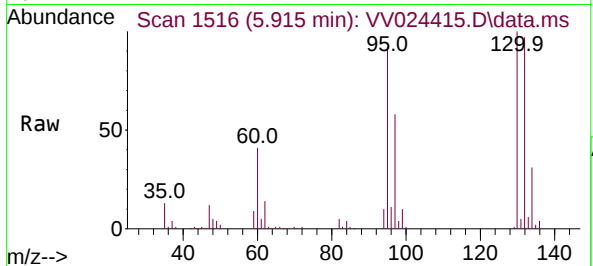




#34
Trichloroethene
Concen: 47.667 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

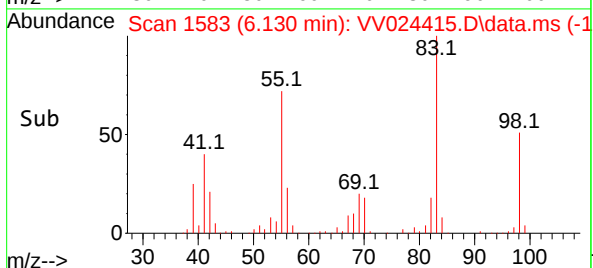
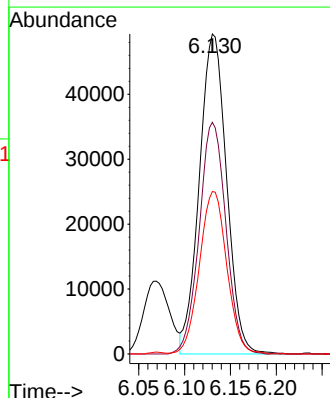
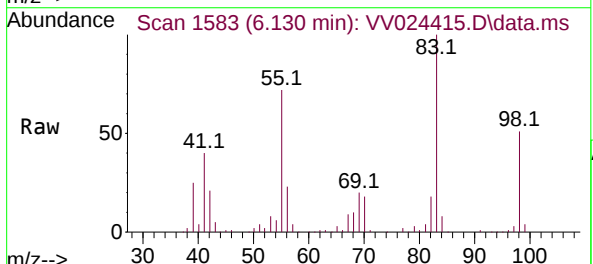
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

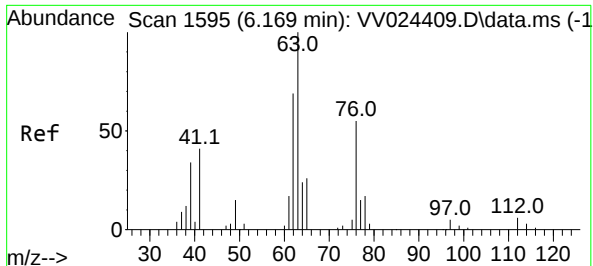
Tgt Ion: 95 Resp: 68273
Ion Ratio Lower Upper
95 100
97 62.9 44.1 81.9
132 105.5 75.1 139.5
130 109.1 78.5 145.7



#35
Methylcyclohexane
Concen: 47.926 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion: 83 Resp: 101804
Ion Ratio Lower Upper
83 100
55 71.0 55.6 83.4
98 51.1 41.3 61.9





#37

1,2-Dichloropropane

Concen: 47.881 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

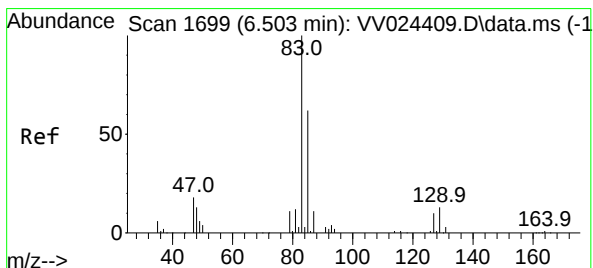
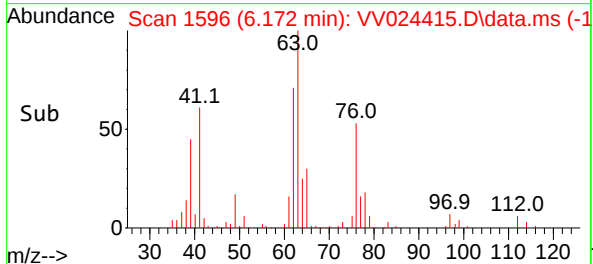
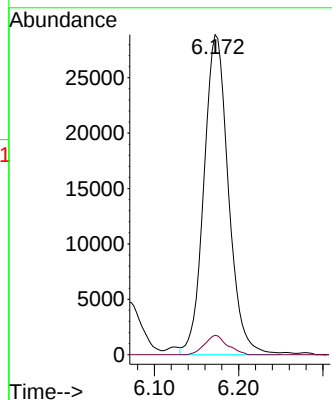
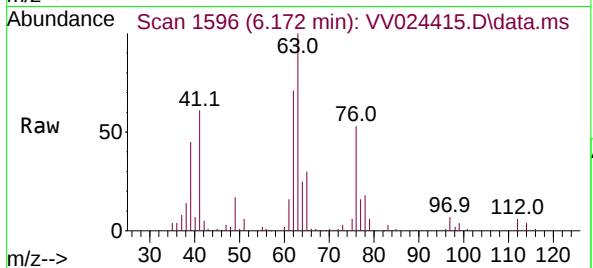
GBCM0MS

Tgt Ion: 63 Resp: 58494

Ion Ratio Lower Upper

63 100

112 5.6 4.7 7.1



#38

Bromodichloromethane

Concen: 46.518 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

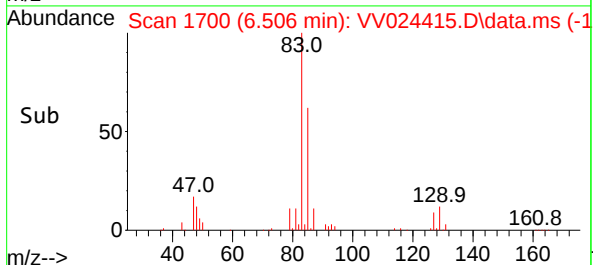
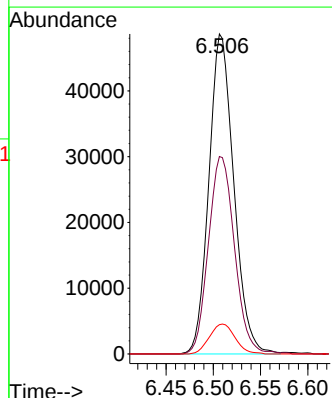
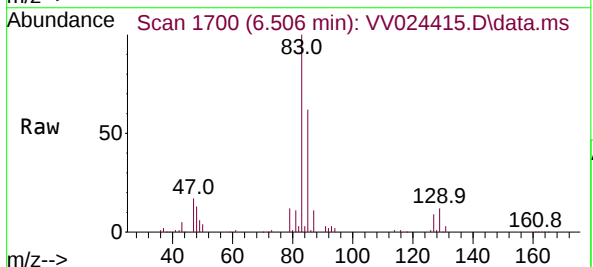
Tgt Ion: 83 Resp: 89177

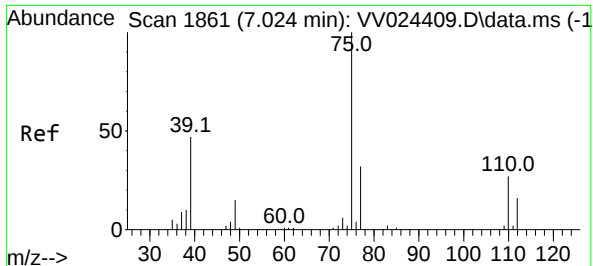
Ion Ratio Lower Upper

83 100

85 61.7 45.2 84.0

127 9.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 47.229 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

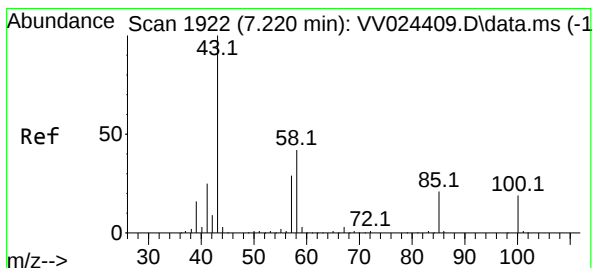
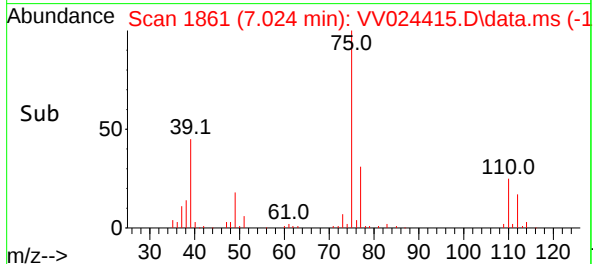
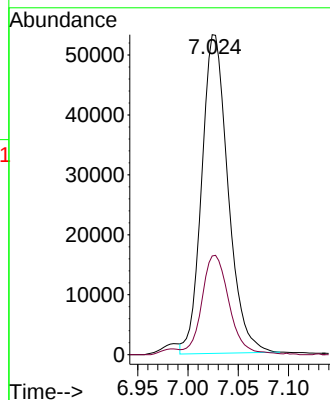
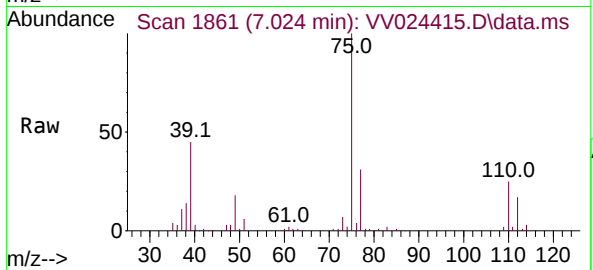
GBCM0MS

Tgt Ion: 75 Resp: 96989

Ion Ratio Lower Upper

75 100

77 30.9 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 99.487 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

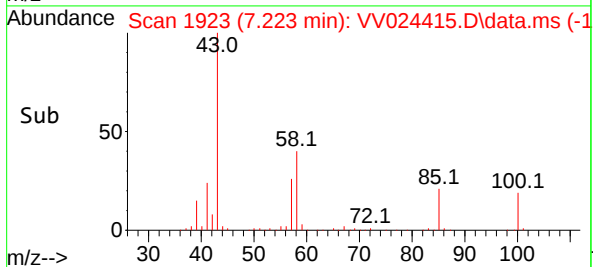
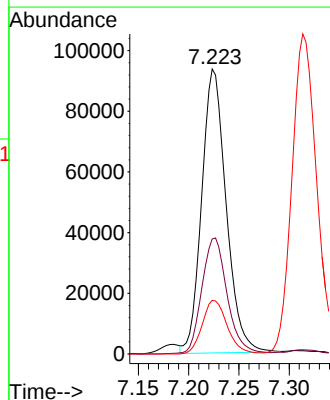
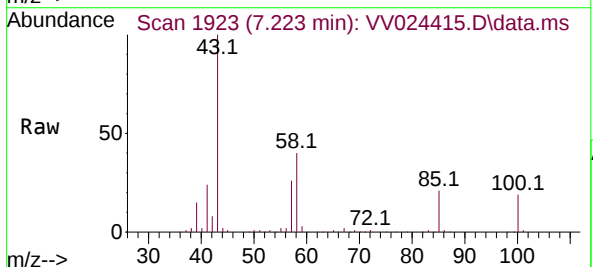
Tgt Ion: 43 Resp: 158487

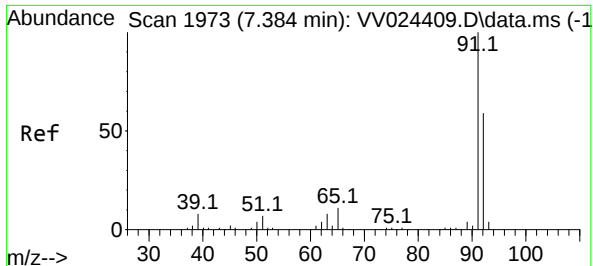
Ion Ratio Lower Upper

43 100

58 42.4 33.0 49.4

100 19.3 16.0 24.0





#42

Toluene

Concen: 46.763 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

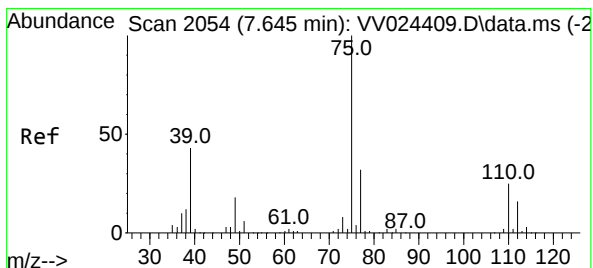
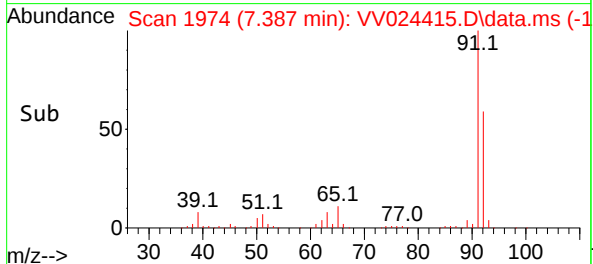
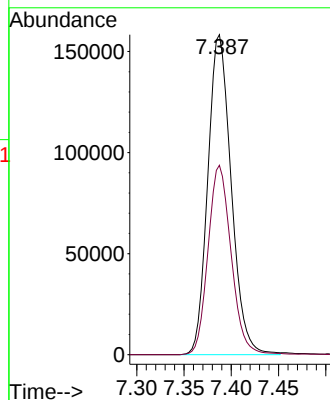
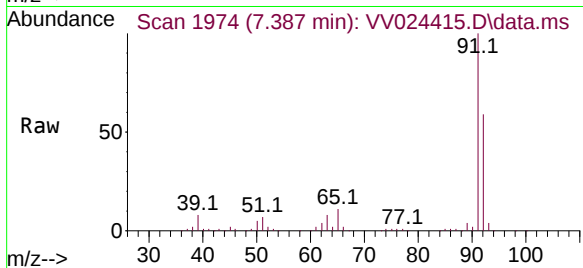
GBCM0MS

Tgt Ion: 91 Resp: 272646

Ion Ratio Lower Upper

91 100

92 59.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 48.285 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VV024415.D

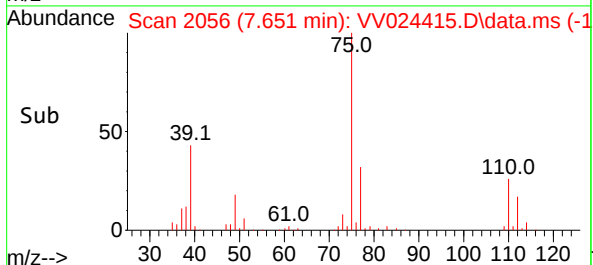
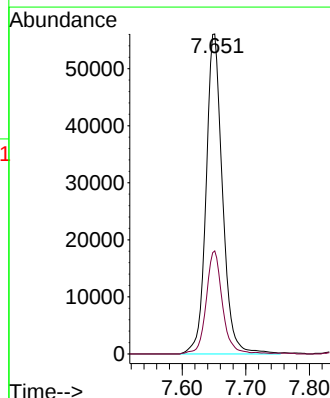
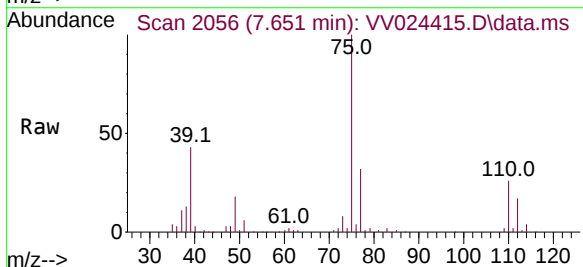
Acq: 20 Jan 2022 14:27

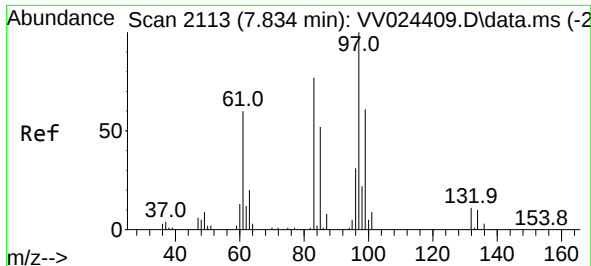
Tgt Ion: 75 Resp: 100586

Ion Ratio Lower Upper

75 100

77 32.2 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 46.676 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

Tgt Ion: 97 Resp: 63925

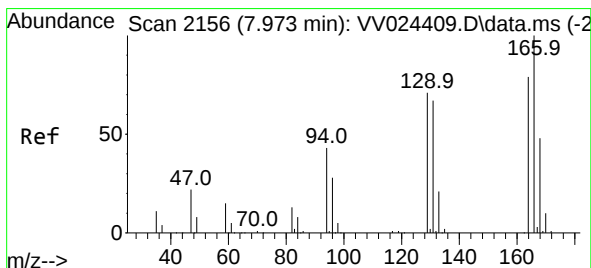
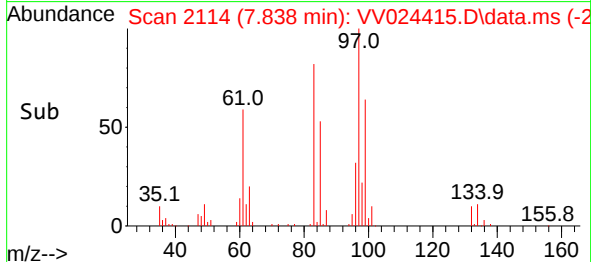
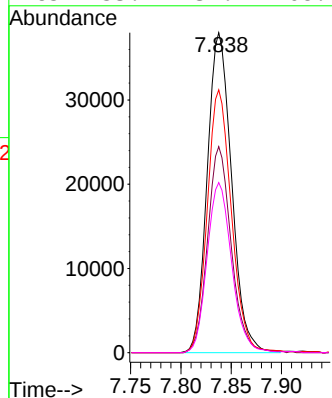
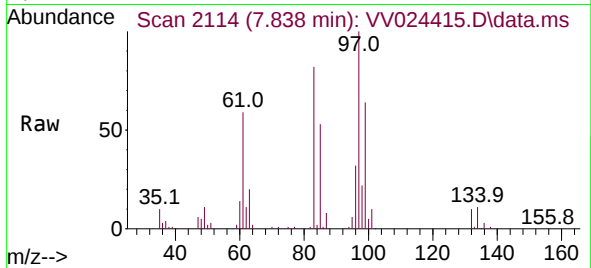
Ion Ratio Lower Upper

97 100

99 64.4 42.4 78.8

83 82.1 57.9 107.5

85 53.1 37.1 68.9



#46

Tetrachloroethene

Concen: 45.370 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Tgt Ion:164 Resp: 59146

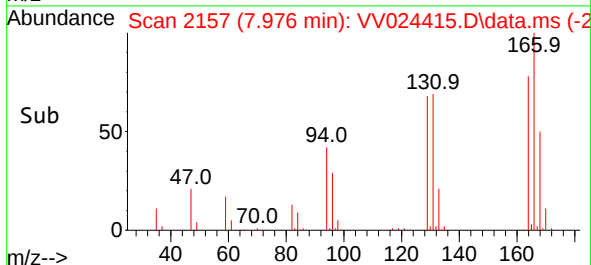
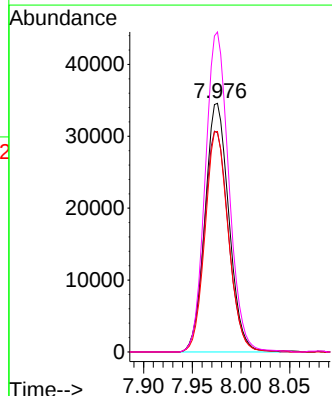
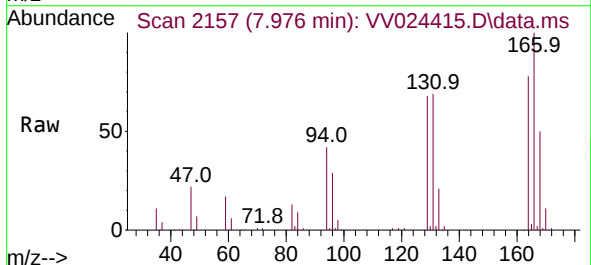
Ion Ratio Lower Upper

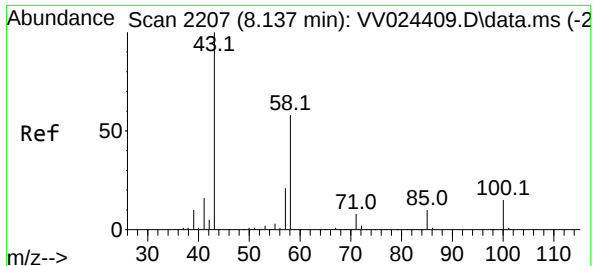
164 100

129 88.1 61.5 114.1

131 88.7 62.2 115.4

166 128.7 89.9 166.9



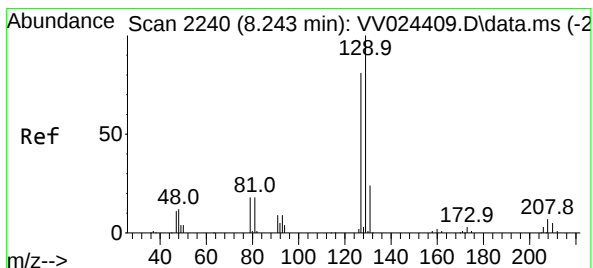
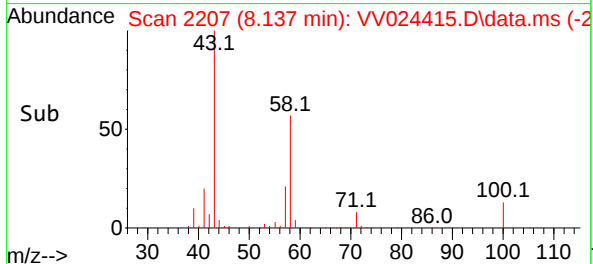
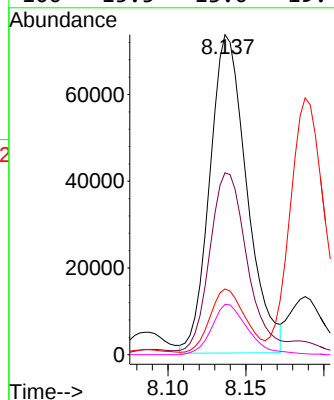
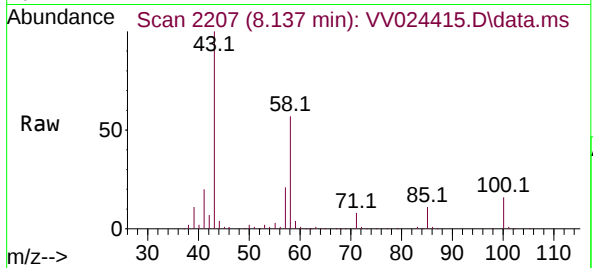


#48
2-Hexanone
Concen: 94.959 ug/L
RT: 8.137 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

Tgt Ion: 43 Resp: 121502

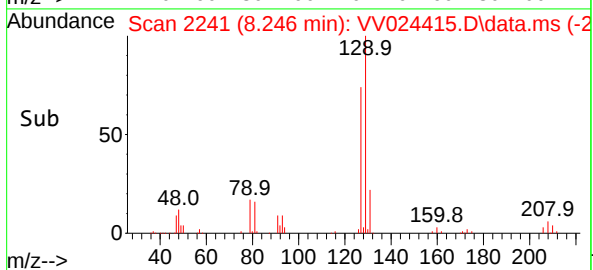
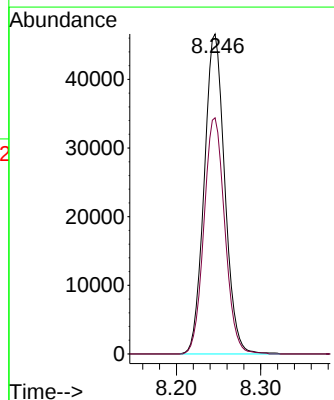
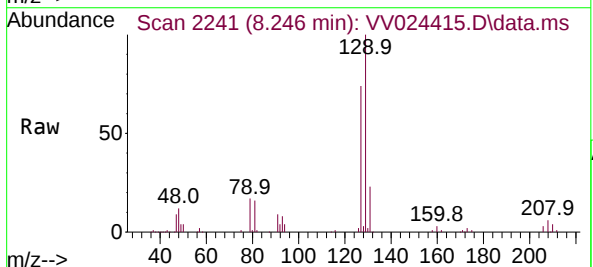
Ion	Ratio	Lower	Upper
43	100		
58	55.5	45.0	67.4
57	20.4	16.9	25.3
100	15.5	13.0	19.4

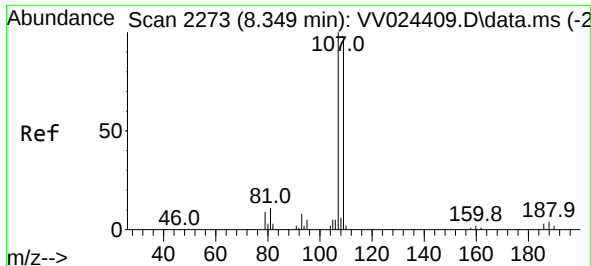


#49
Dibromochloromethane
Concen: 46.140 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion: 129 Resp: 79209

Ion	Ratio	Lower	Upper
129	100		
127	73.8	53.7	99.7

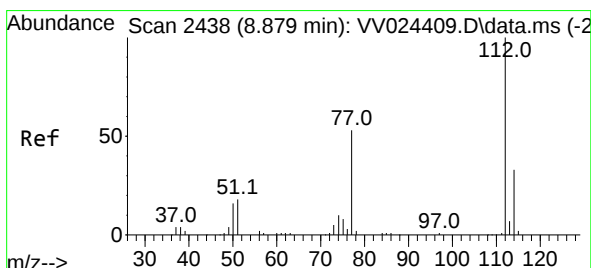
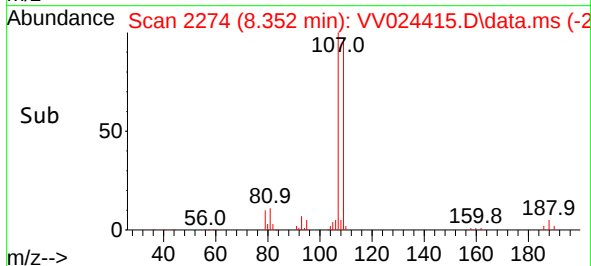
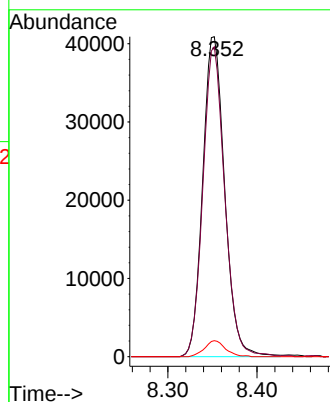
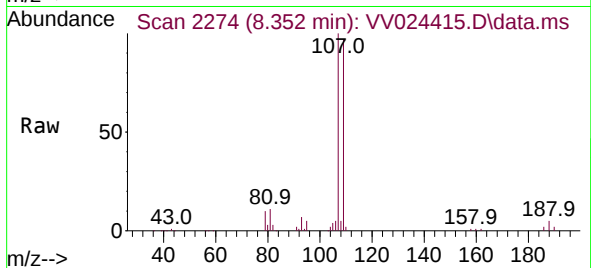




#50
1,2-Dibromoethane
Concen: 47.555 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

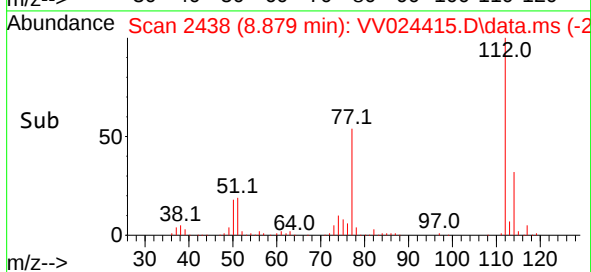
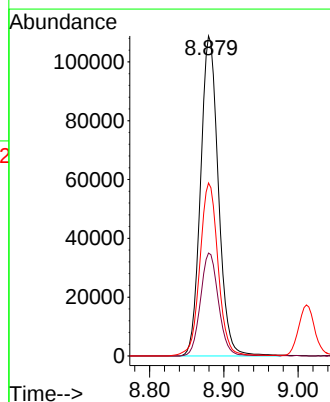
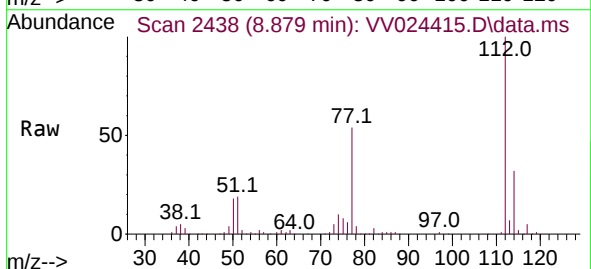
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

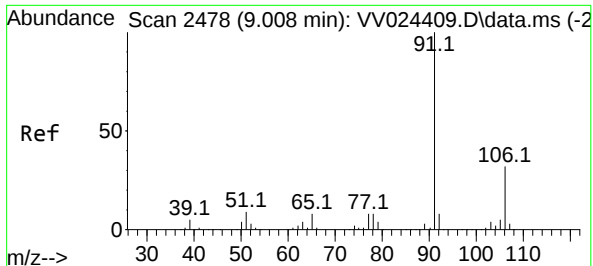
Tgt Ion:107 Resp: 69954
Ion Ratio Lower Upper
107 100
109 96.8 65.8 122.2
188 5.0 3.8 5.6



#51
Chlorobenzene
Concen: 46.217 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion:112 Resp: 181495
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 54.0 42.8 64.2





#52

Ethylbenzene

Concen: 46.886 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

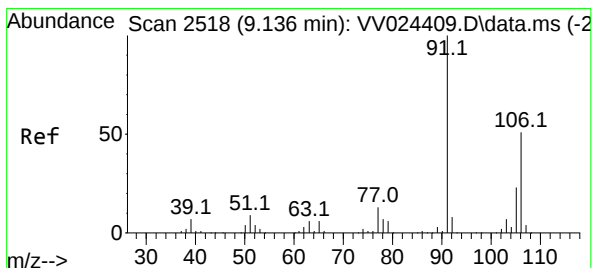
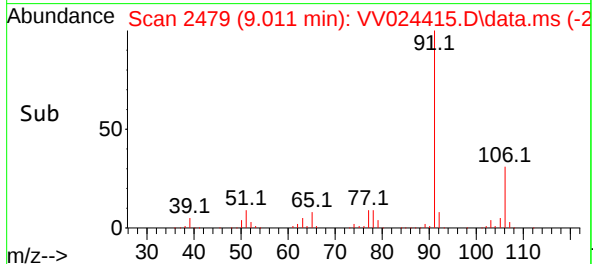
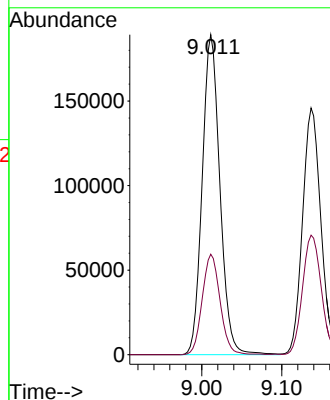
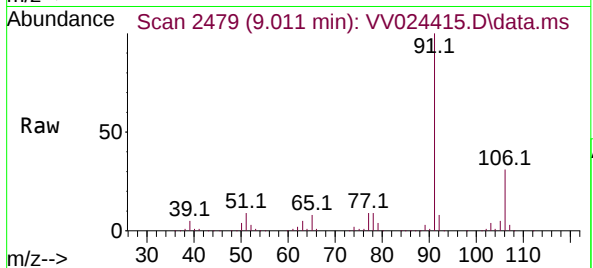
GBCM0MS

Tgt Ion: 91 Resp: 292040

Ion Ratio Lower Upper

91 100

106 31.4 22.0 41.0



#53

m,p-Xylene

Concen: 46.463 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV024415.D

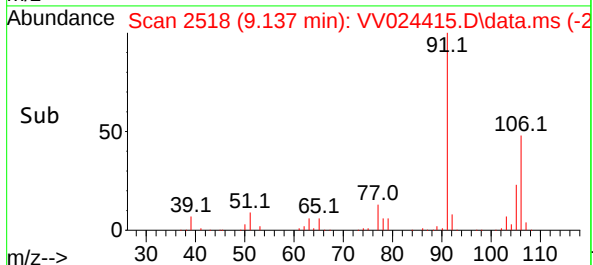
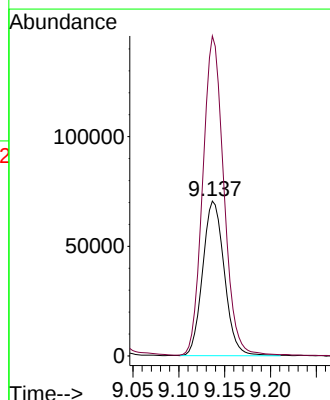
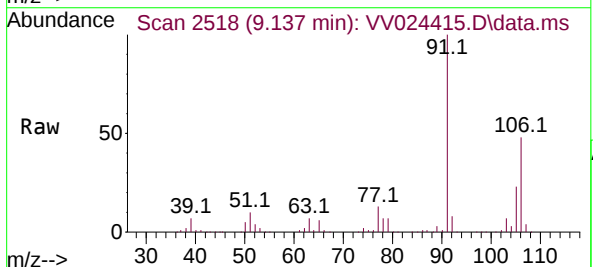
Acq: 20 Jan 2022 14:27

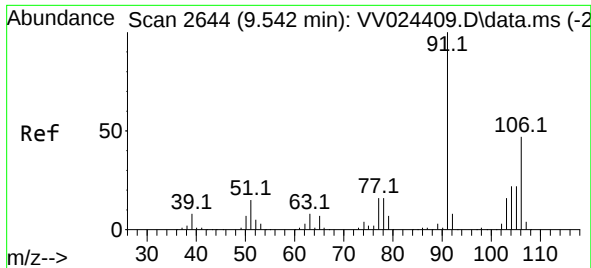
Tgt Ion:106 Resp: 116002

Ion Ratio Lower Upper

106 100

91 206.5 141.8 263.4

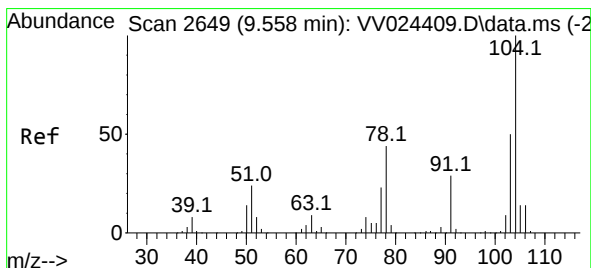
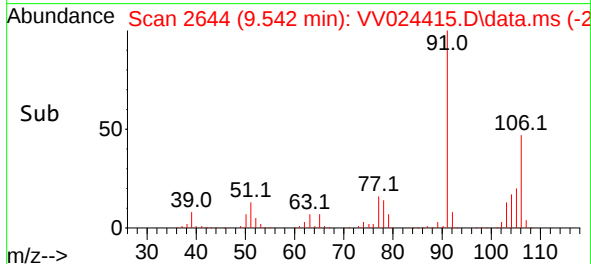
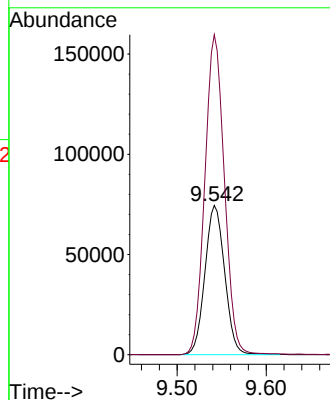
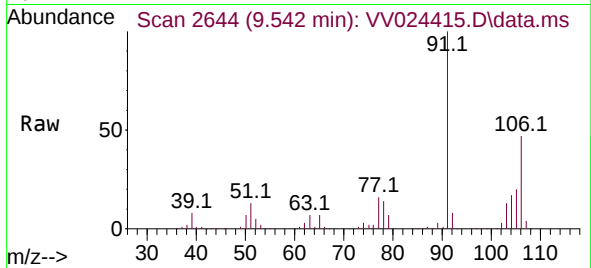




#54
o-Xylene
Concen: 48.136 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

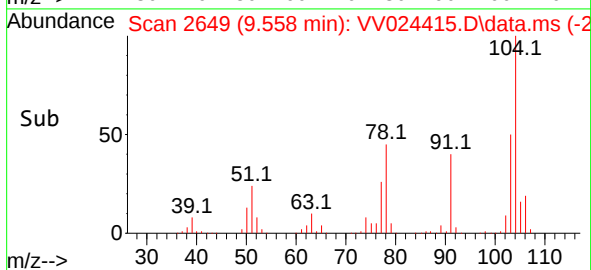
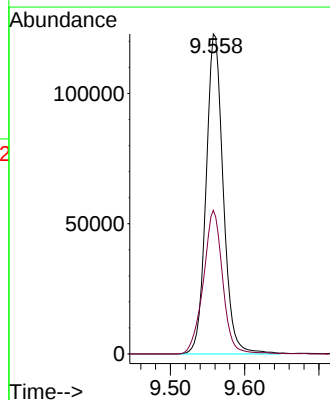
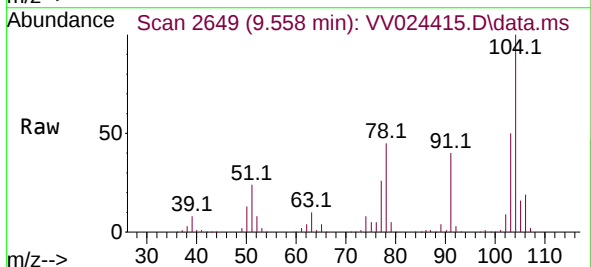
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

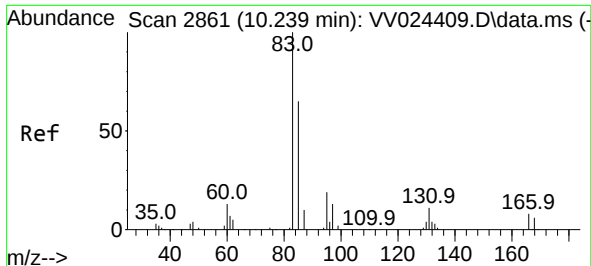
Tgt Ion:106 Resp: 114721
Ion Ratio Lower Upper
106 100
91 214.4 150.9 280.3



#55
Styrene
Concen: 47.677 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion:104 Resp: 197327
Ion Ratio Lower Upper
104 100
78 44.9 31.5 58.5



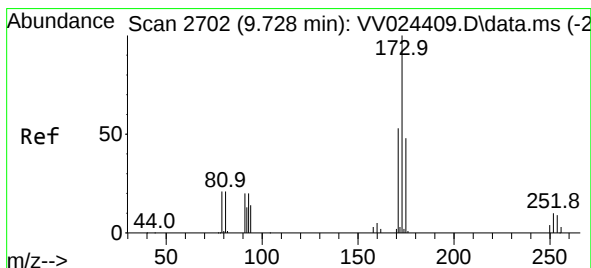
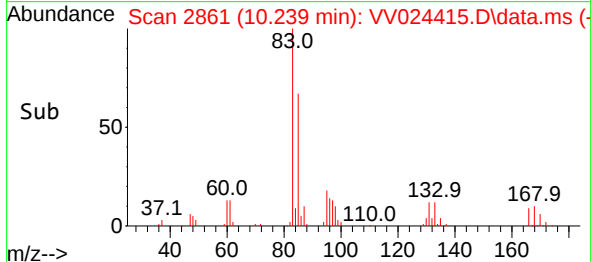
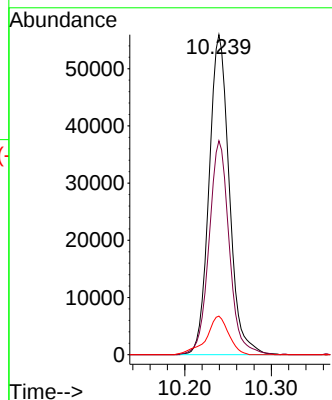
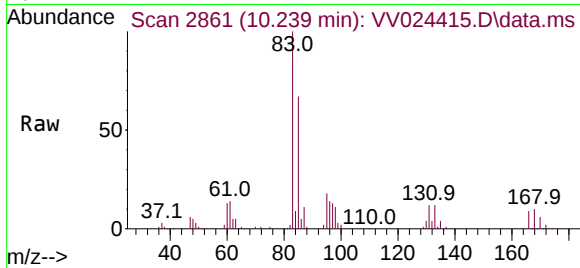


#57
 1,1,2,2-Tetrachloroethane
 Concen: 45.316 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024415.D
 Acq: 20 Jan 2022 14:27

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MS

Tgt Ion: 83 Resp: 90623

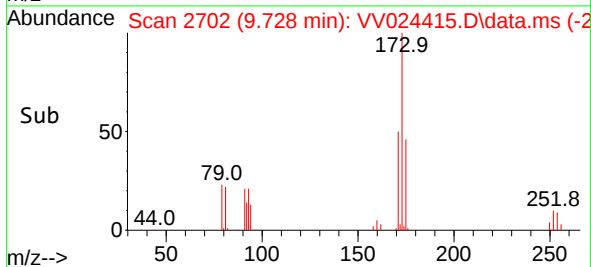
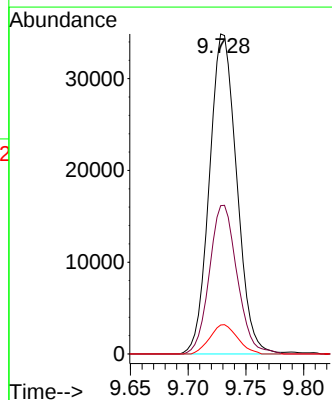
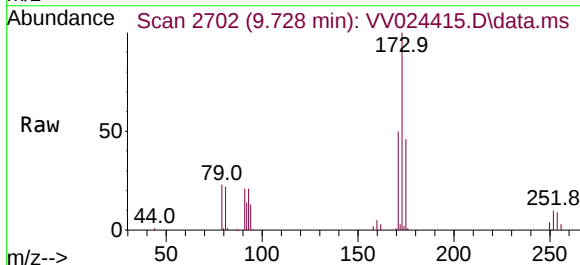
Ion	Ratio	Lower	Upper
83	100		
85	66.9	44.5	82.7
131	12.0	9.2	13.8

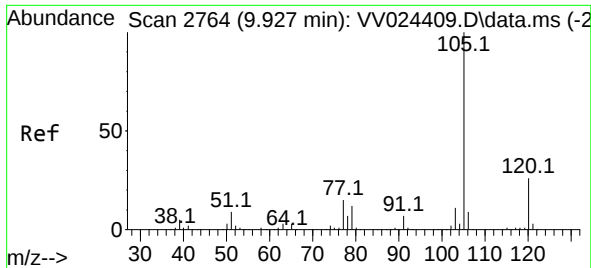


#59
 Bromoform
 Concen: 44.613 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV024415.D
 Acq: 20 Jan 2022 14:27

Tgt Ion: 173 Resp: 57355

Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.4	59.2
254	9.2	7.8	11.6

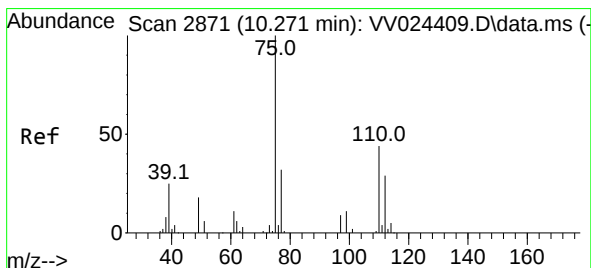
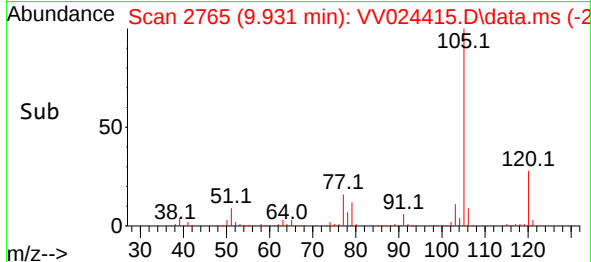
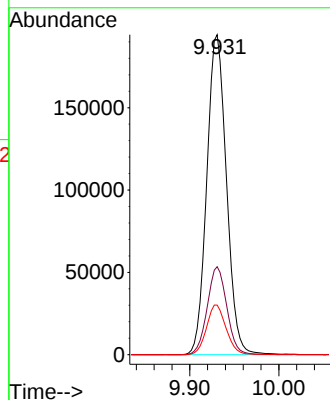
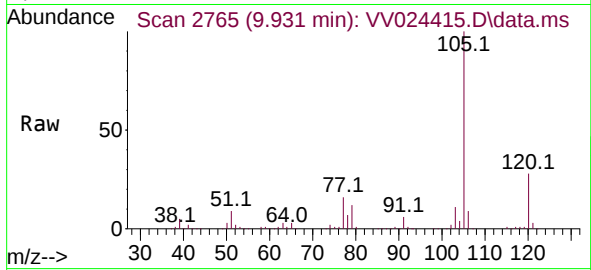




#60
Isopropylbenzene
Concen: 47.767 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

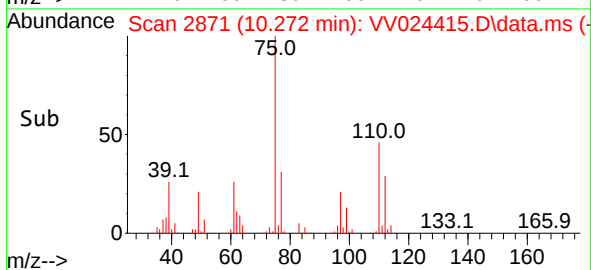
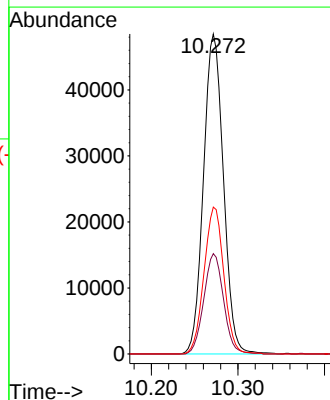
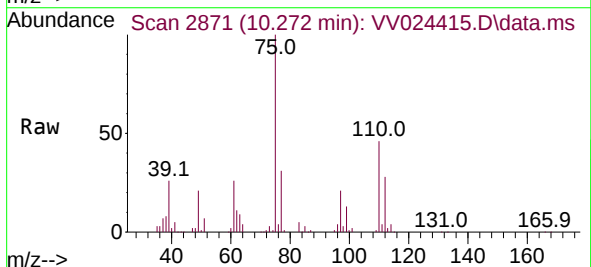
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

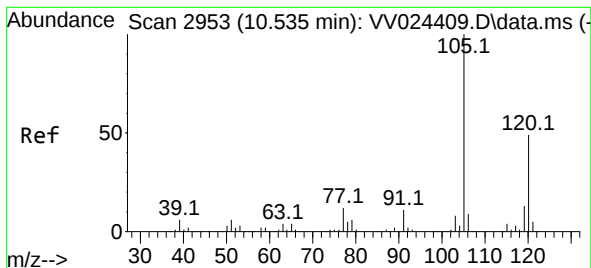
Tgt Ion:105 Resp: 298011
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 15.5 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 46.805 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion: 75 Resp: 77487
Ion Ratio Lower Upper
75 100
77 30.9 26.9 40.3
110 45.6 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 47.797 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

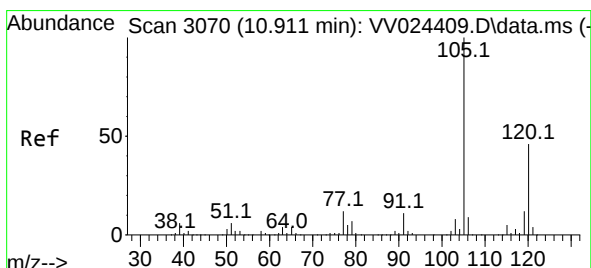
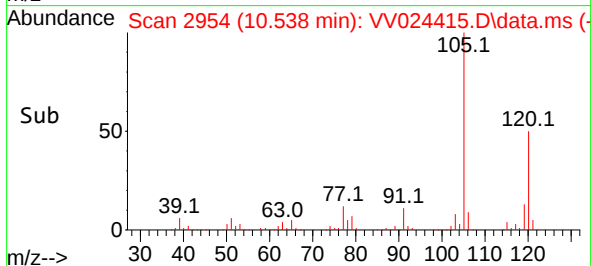
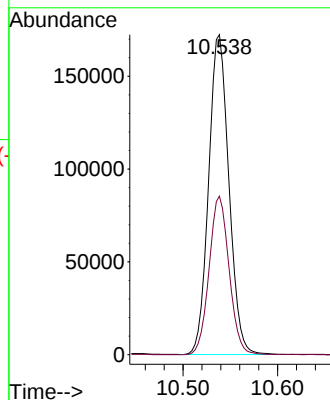
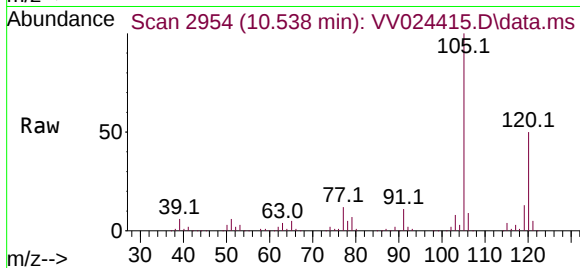
GBCM0MS

Tgt Ion:105 Resp: 256505

Ion Ratio Lower Upper

105 100

120 48.9 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 48.158 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024415.D

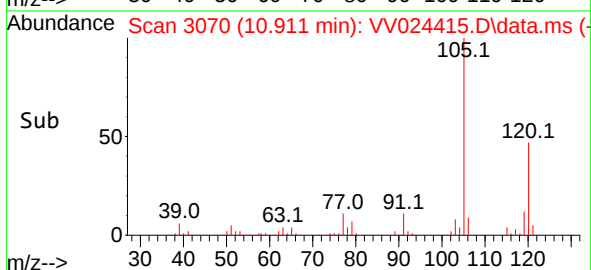
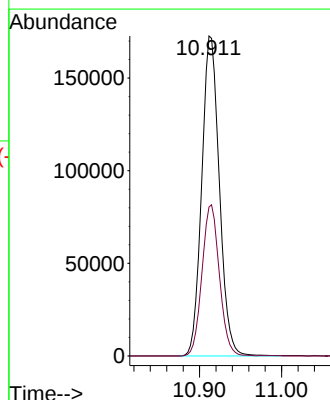
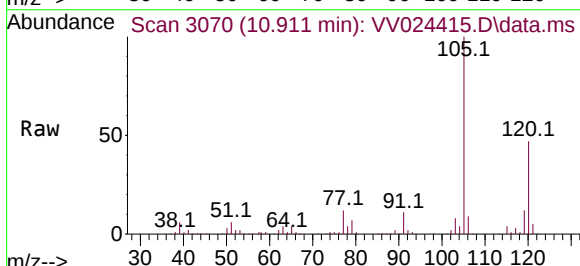
Acq: 20 Jan 2022 14:27

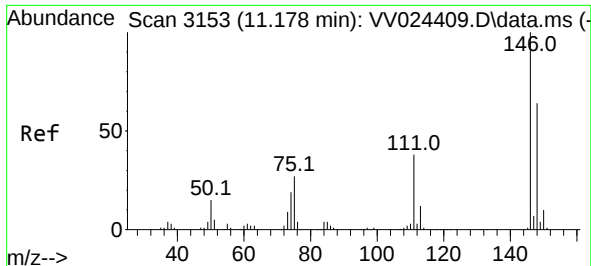
Tgt Ion:105 Resp: 258015

Ion Ratio Lower Upper

105 100

120 46.6 36.6 55.0

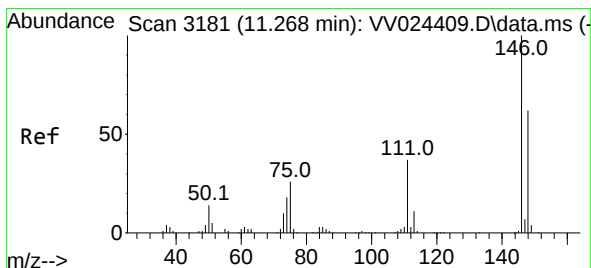
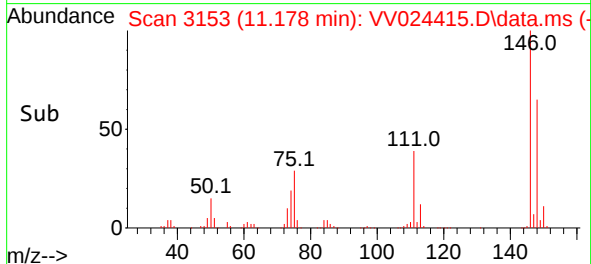
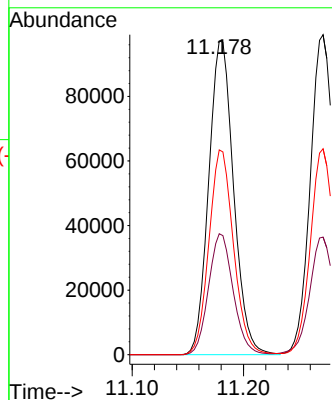
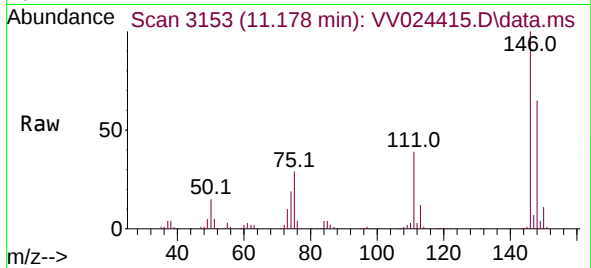




#64
1,3-Dichlorobenzene
Concen: 46.935 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

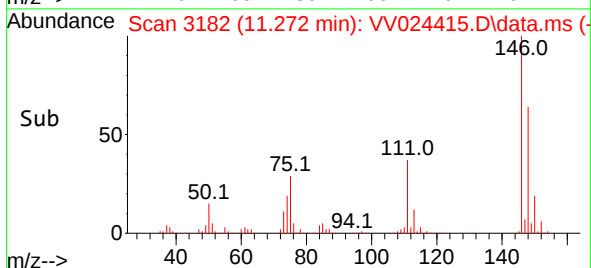
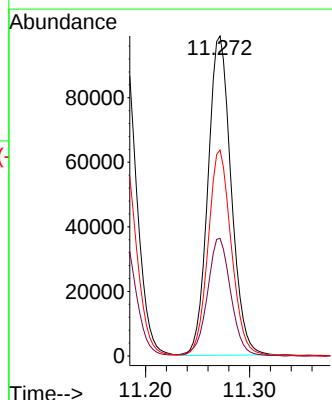
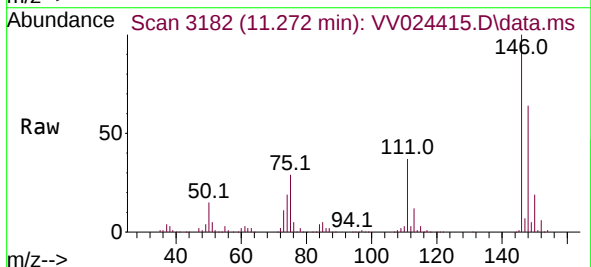
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

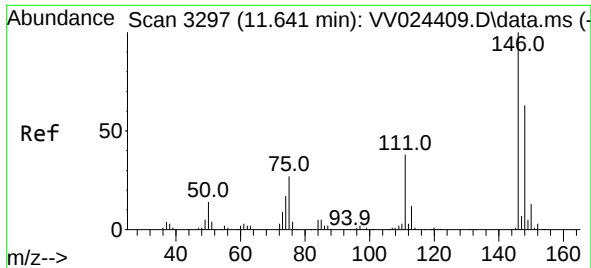
Tgt Ion:146 Resp: 150978
Ion Ratio Lower Upper
146 100
111 38.6 26.5 49.3
148 65.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 46.195 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion:146 Resp: 153246
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.3
148 64.3 44.9 83.5

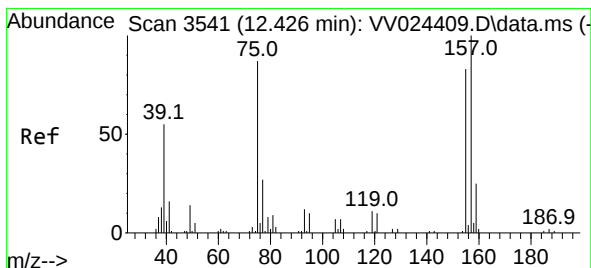
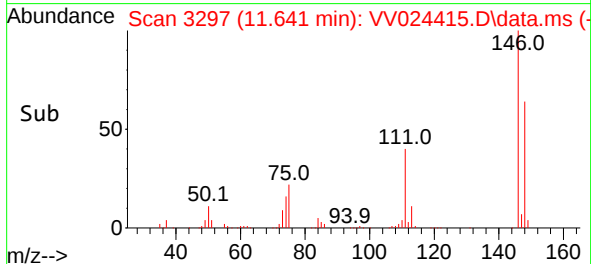
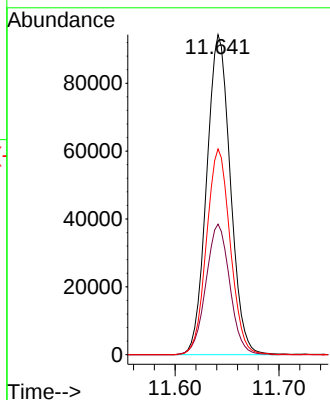
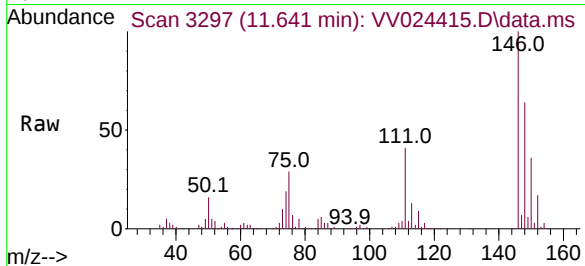




#67
1,2-Dichlorobenzene
Concen: 45.071 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

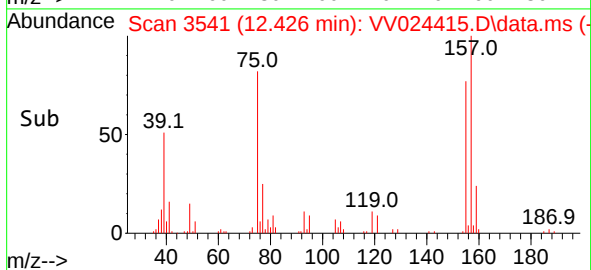
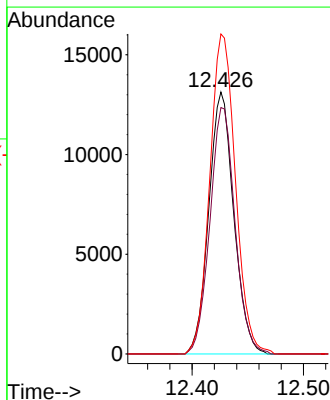
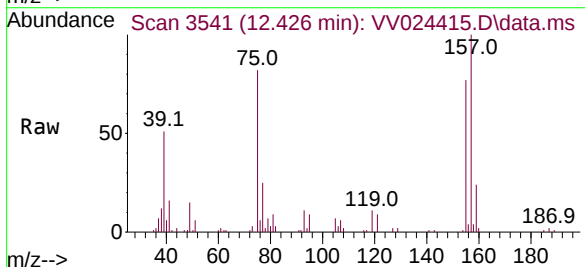
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MS

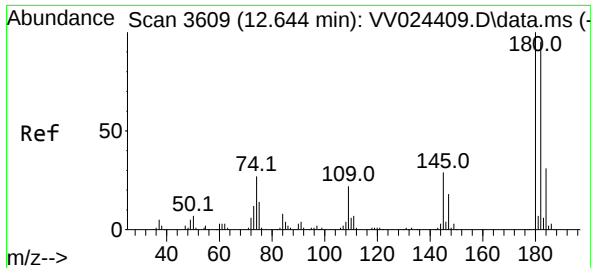
Tgt Ion:146 Resp: 149421
Ion Ratio Lower Upper
146 100
111 40.8 32.0 48.0
148 64.3 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 42.939 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024415.D
Acq: 20 Jan 2022 14:27

Tgt Ion: 75 Resp: 20474
Ion Ratio Lower Upper
75 100
155 94.1 73.2 109.8
157 122.2 98.5 147.7

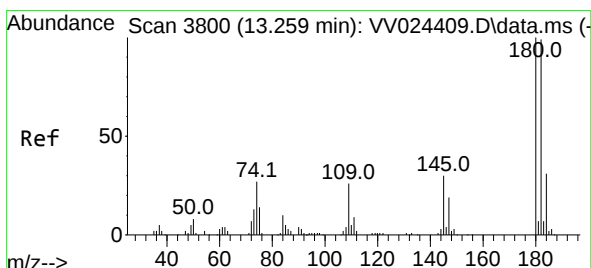
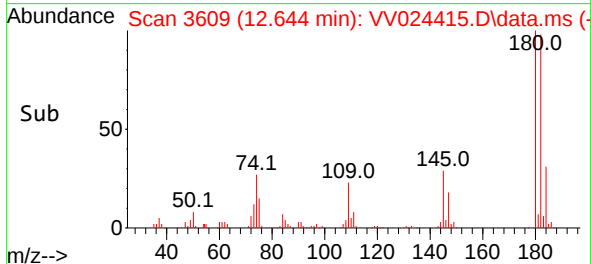
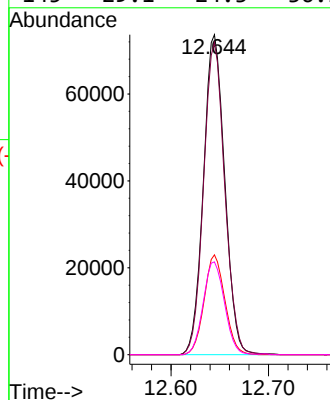
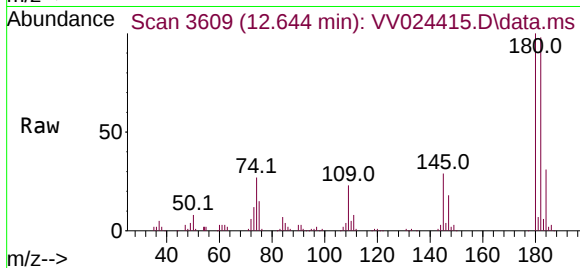




#69
 1,3,5-Trichlorobenzene
 Concen: 45.208 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV024415.D
 Acq: 20 Jan 2022 14:27

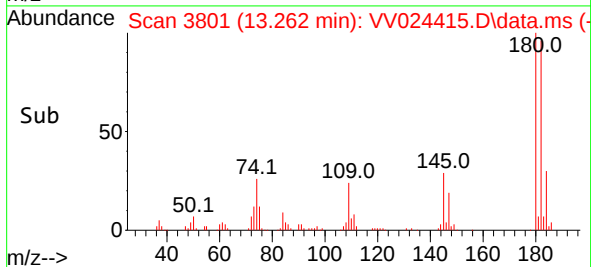
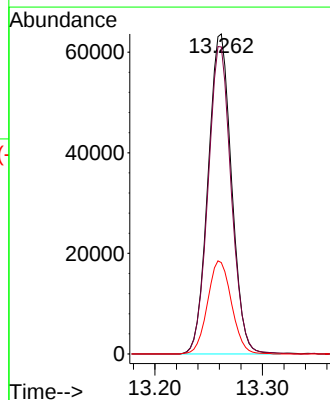
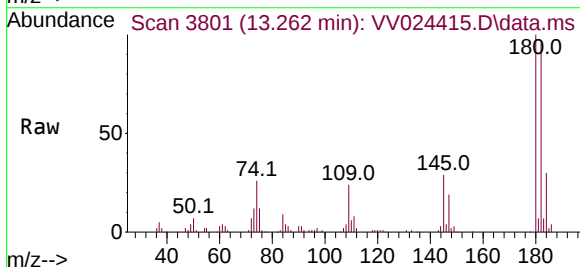
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MS

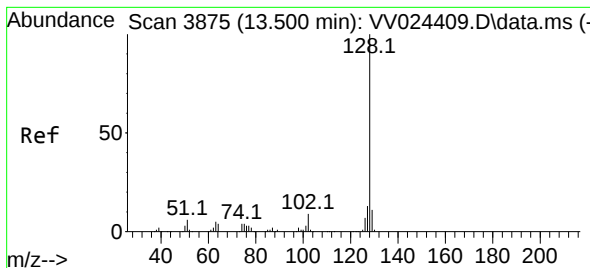
Tgt Ion:180 Resp: 111859
 Ion Ratio Lower Upper
 180 100
 182 96.8 75.4 113.2
 184 30.4 24.7 37.1
 145 29.1 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 45.599 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV024415.D
 Acq: 20 Jan 2022 14:27

Tgt Ion:180 Resp: 96491
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.6 113.4
 145 29.7 23.9 35.9





#71

Naphthalene

Concen: 45.575 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MS

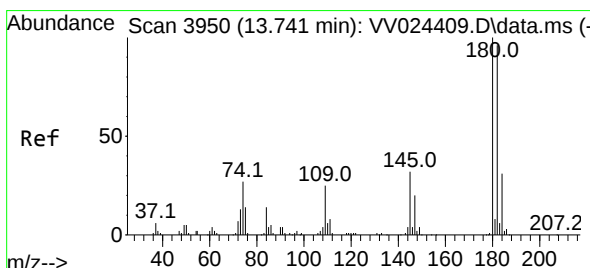
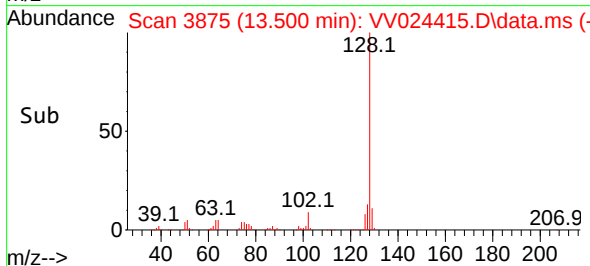
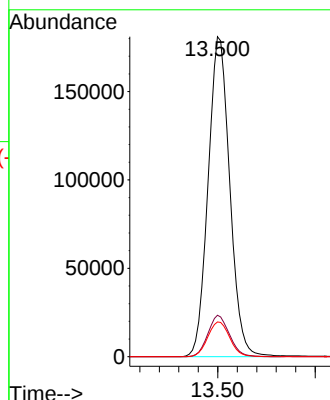
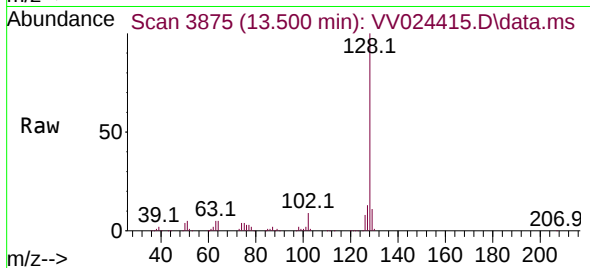
Tgt Ion:128 Resp: 279020

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 45.090 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV024415.D

Acq: 20 Jan 2022 14:27

Tgt Ion:180 Resp: 98614

Ion Ratio Lower Upper

180 100

182 95.4 76.1 114.1

145 31.5 25.0 37.4

