

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012022\
 Data File : VW024413.D
 Acq On : 20 Jan 2022 13:40
 Operator : SY/MD
 Sample : N1191-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MSD

Quant Time: Jan 21 00:06:03 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	5.613	114	227058	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	216133	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	120368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	84781	51.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.760%	
7) Chloroethane-d5	1.568	69	65065	52.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 104.820%	
11) 1,1-Dichloroethene-d2	2.108	63	155224	50.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.660%	
21) 2-Butanone-d5	3.883	46	90614	99.529	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 99.530%	
24) Chloroform-d	4.343	84	158590	53.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.200%	
26) 1,2-Dichloroethane-d4	5.027	65	102945	51.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.960%	
32) Benzene-d6	5.047	84	297410	52.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.460%	
36) 1,2-Dichloropropane-d6	6.066	67	84724	53.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.200%	
41) Toluene-d8	7.313	98	293168	53.685	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.360%	
43) trans-1,3-Dichloroprop...	7.616	79	48335	53.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.200%	
47) 2-Hexanone-d5	8.085	63	68266	99.406	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 99.410%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	111030	49.152	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 98.300%	
66) 1,2-Dichlorobenzene-d4	11.622	152	123812	51.605	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	95015	51.869	ug/L	99
3) Chloromethane	1.243	50	76197	49.511	ug/L	97
5) Vinyl chloride	1.311	62	79560	48.857	ug/L	94
6) Bromomethane	1.523	94	53346	57.489	ug/L	99
8) Chloroethane	1.584	64	46492	46.255	ug/L	97
9) Trichlorofluoromethane	1.754	101	136683	46.696	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	70333	49.166	ug/L	97
12) 1,1-Dichloroethene	2.118	96	62410	45.125	ug/L #	74
13) Acetone	2.175	43	57544	64.016	ug/L	98
14) Carbon disulfide	2.294	76	178314	44.404	ug/L	99
15) Methyl Acetate	2.429	43	57603	44.059	ug/L	97
16) Methylene chloride	2.507	84	70461	46.783	ug/L	96
17) trans-1,2-Dichloroethene	2.761	96	65160	45.721	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	201280	45.825	ug/L	99
19) 1,1-Dichloroethane	3.188	63	109219	46.204	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	69647	45.758	ug/L	100
22) 2-Butanone	3.966	43	76655	80.279	ug/L	91
23) Bromochloromethane	4.246	128	39068	44.546	ug/L	94
25) Chloroform	4.371	83	125575	45.436	ug/L	99

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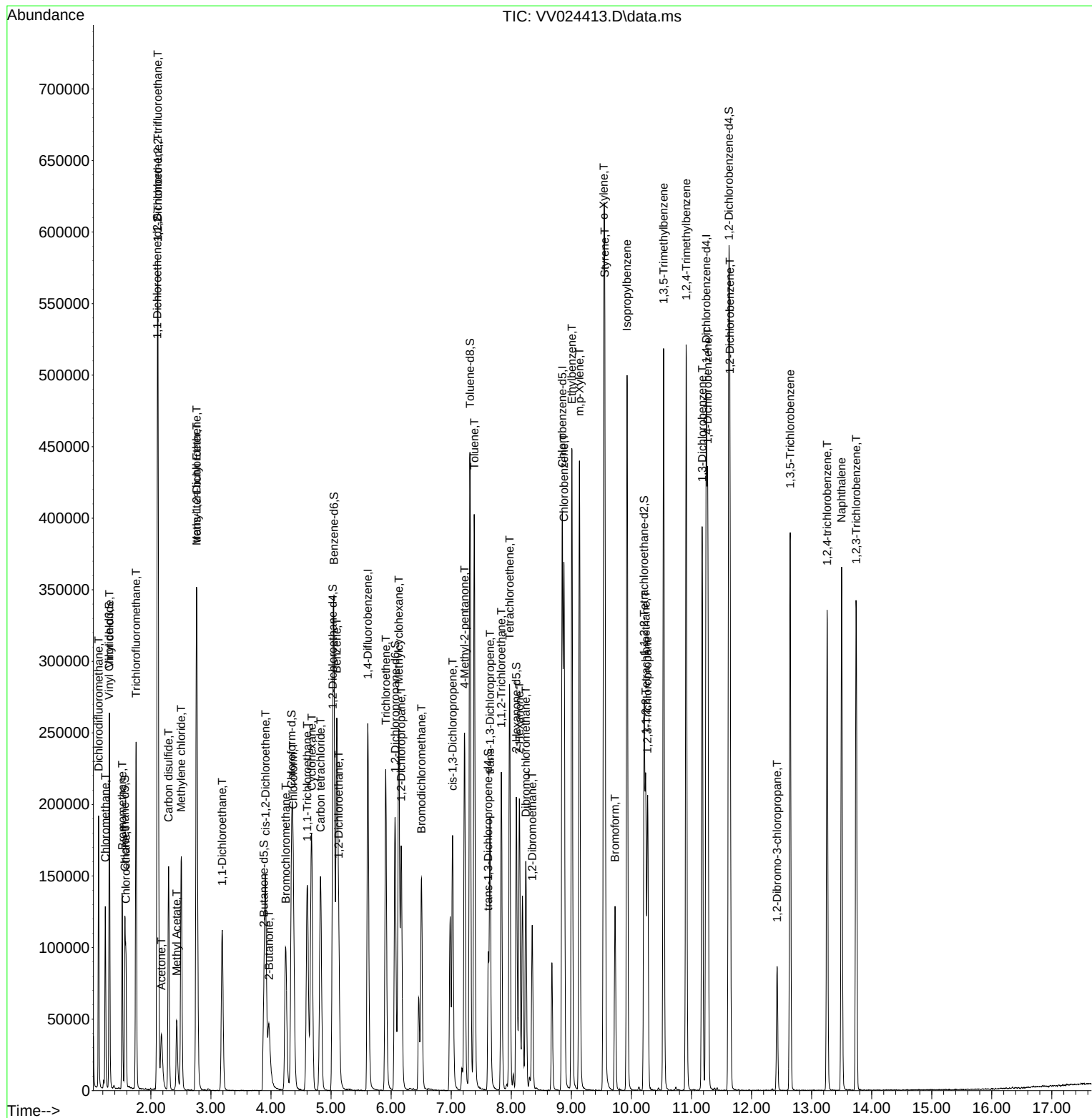
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	99797	44.394	ug/L	99
29) Cyclohexane	4.677	56	95215	49.282	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	119007	44.751	ug/L	98
31) Carbon tetrachloride	4.825	117	111025	45.002	ug/L	98
33) Benzene	5.095	78	254727	46.350	ug/L	100
34) Trichloroethene	5.912	95	74026	48.846	ug/L	96
35) Methylcyclohexane	6.127	83	108431	48.243	ug/L	98
37) 1,2-Dichloropropane	6.169	63	59906	46.344	ug/L	99
38) Bromodichloromethane	6.506	83	92825	45.762	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	100910	46.440	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	148324	87.995	ug/L	98
42) Toluene	7.384	91	289348	46.903	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	104238	47.290	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	65493	45.195	ug/L	98
46) Tetrachloroethene	7.973	164	64504	46.763	ug/L	96
48) 2-Hexanone	8.137	43	118859	87.793	ug/L	98
49) Dibromochloromethane	8.243	129	81286	44.750	ug/L	99
50) 1,2-Dibromoethane	8.349	107	70119	45.050	ug/L	99
51) Chlorobenzene	8.879	112	193690	46.614	ug/L	100
52) Ethylbenzene	9.008	91	311881	47.323	ug/L	100
53) m,p-Xylene	9.137	106	123084	46.593	ug/L	100
54) o-Xylene	9.542	106	120914	47.949	ug/L	96
55) Styrene	9.558	104	206997	47.268	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	91457	43.222	ug/L	99
59) Bromoform	9.728	173	58304	42.479	ug/L	98
60) Isopropylbenzene	9.928	105	320433	48.109	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	75910	42.948	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	274130	47.846	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	280128	48.975	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	162334	47.269	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	164532	46.456	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	162012	45.774	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	20490	40.251	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	119613	45.281	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	104590	46.296	ug/L	100
71) Naphthalene	13.500	128	285400	43.665	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	105122	45.022	ug/L	99

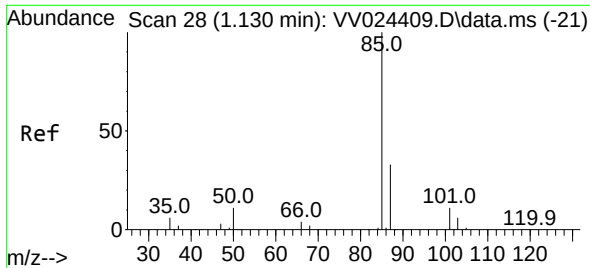
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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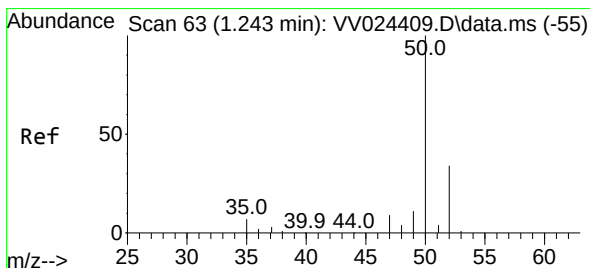
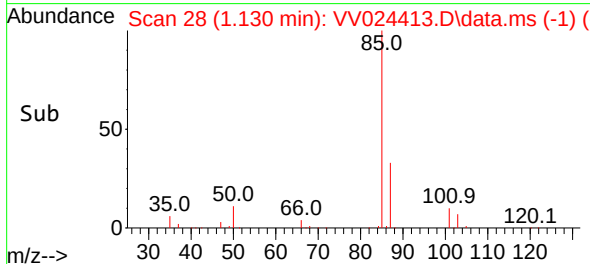
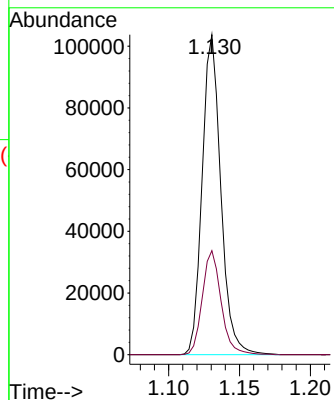
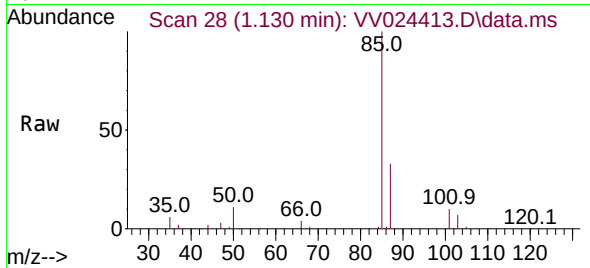




#2
 Dichlorodifluoromethane
 Concen: 51.869 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024413.D
 Acq: 20 Jan 2022 13:40

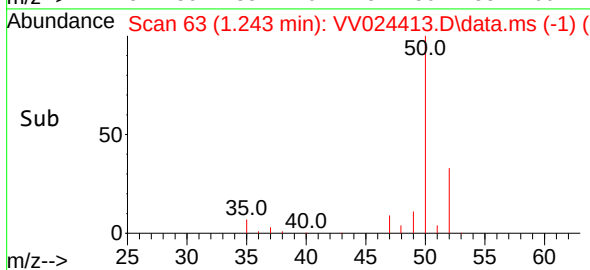
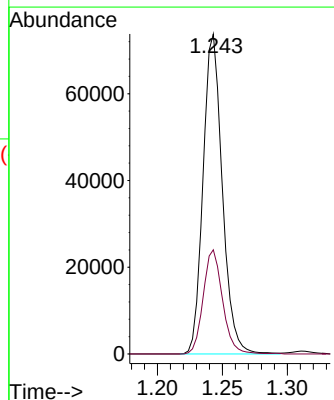
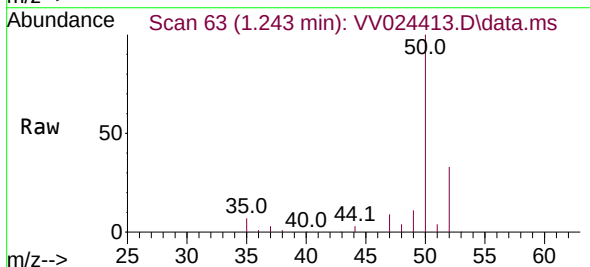
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MSD

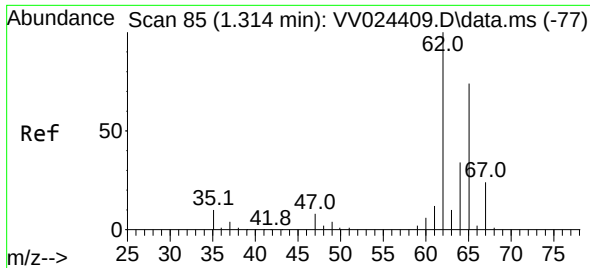
Tgt Ion: 85 Resp: 95015
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 49.511 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024413.D
 Acq: 20 Jan 2022 13:40

Tgt Ion: 50 Resp: 76197
 Ion Ratio Lower Upper
 50 100
 52 32.5 24.1 44.7

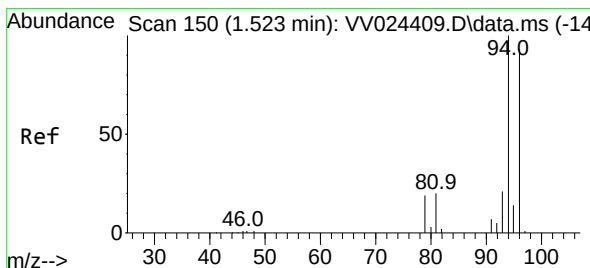
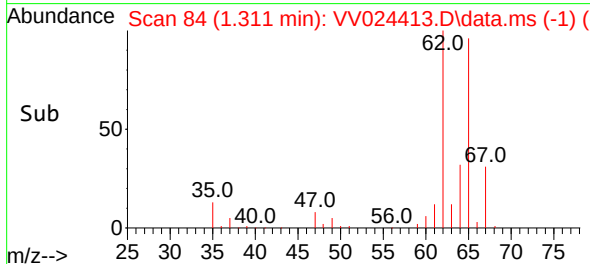
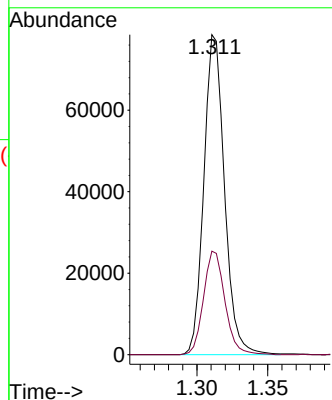
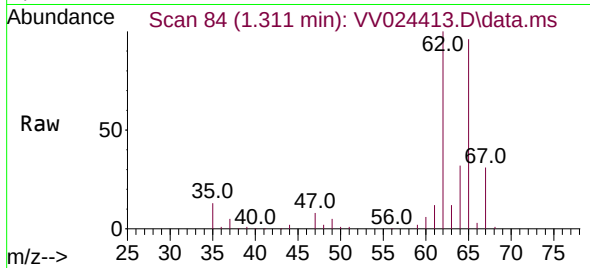




#5
 Vinyl chloride
 Concen: 48.857 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024413.D
 Acq: 20 Jan 2022 13:40

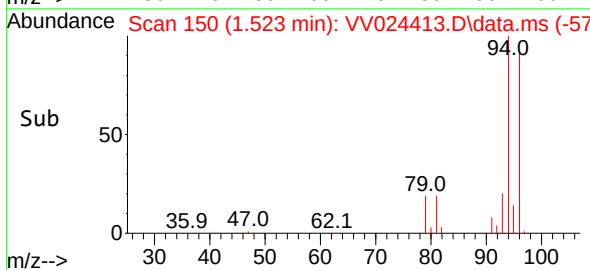
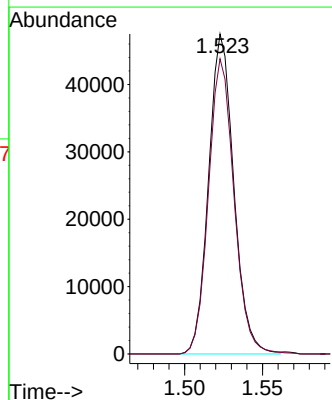
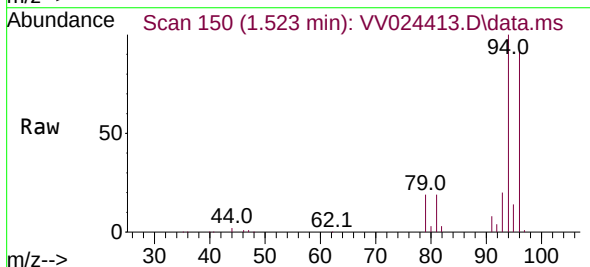
Instrument :
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 ClientSampleId :
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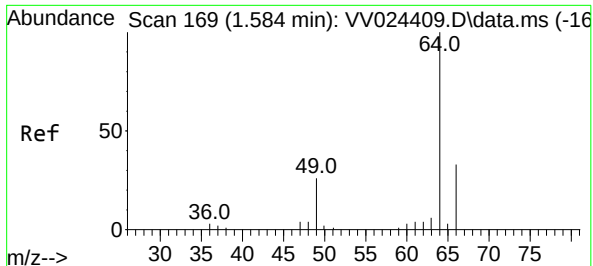
Tgt Ion: 62 Resp: 79560
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.0 46.4



#6
 Bromomethane
 Concen: 57.489 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024413.D
 Acq: 20 Jan 2022 13:40

Tgt Ion: 94 Resp: 53346
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.0 120.6

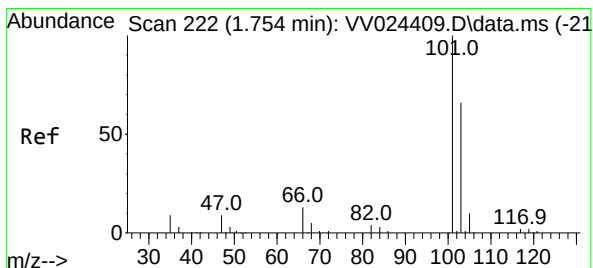
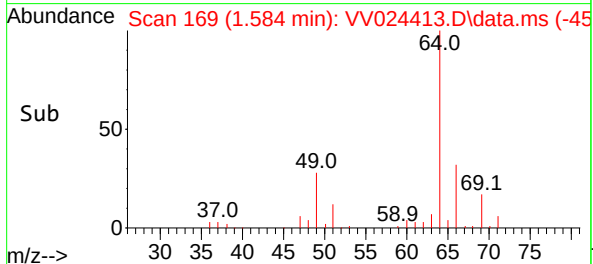
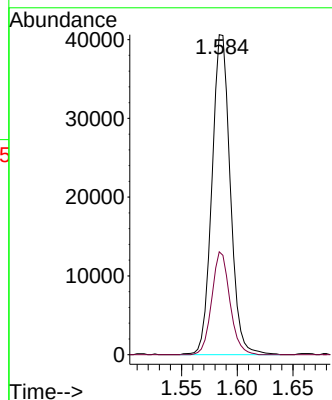
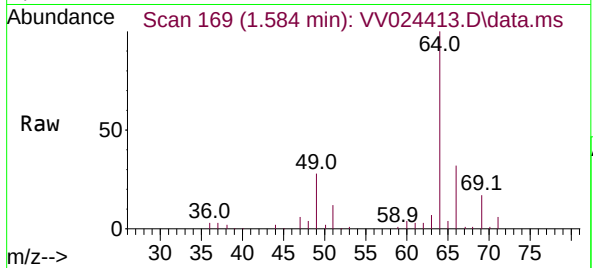




#8
Chloroethane
Concen: 46.255 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

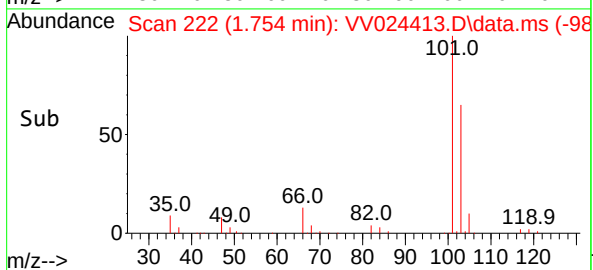
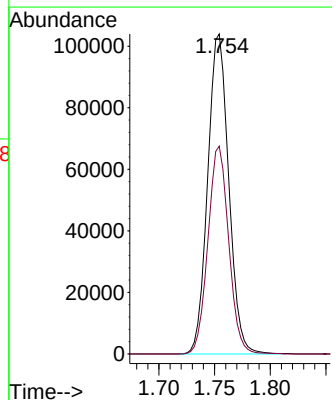
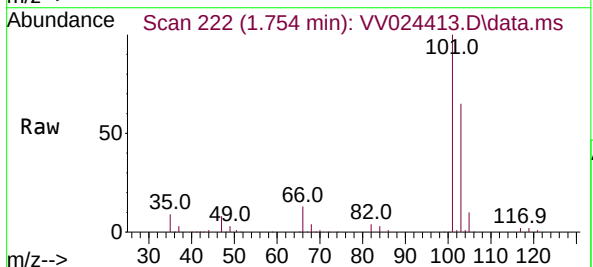
Instrument :
MSVOA_V
ClientSampleId :
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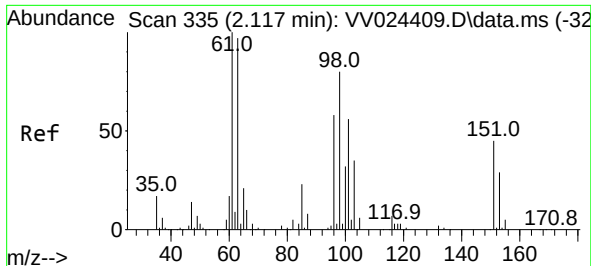
Tgt Ion: 64 Resp: 46492
Ion Ratio Lower Upper
64 100
66 32.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 46.696 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion:101 Resp: 136683
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

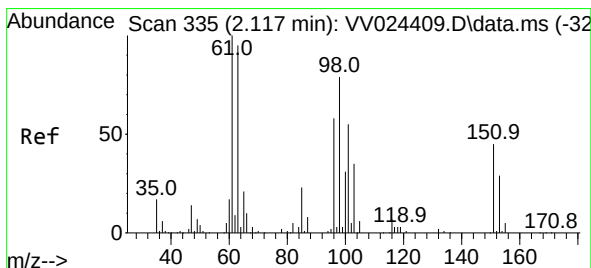
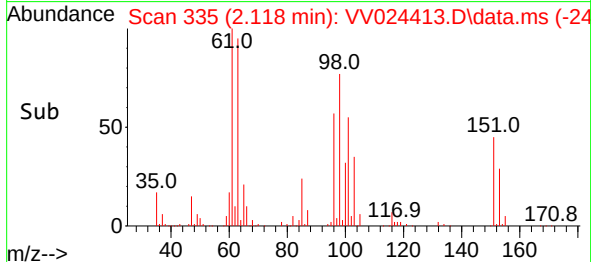
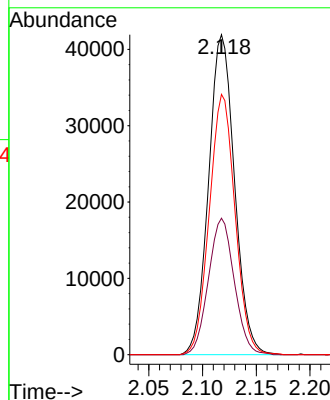
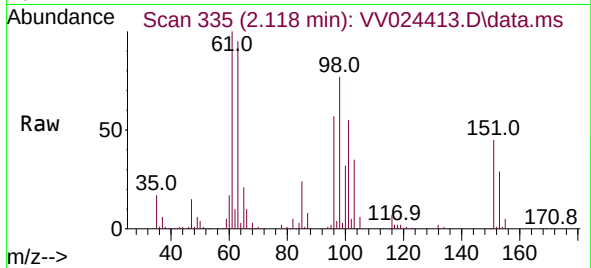




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.166 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024413.D
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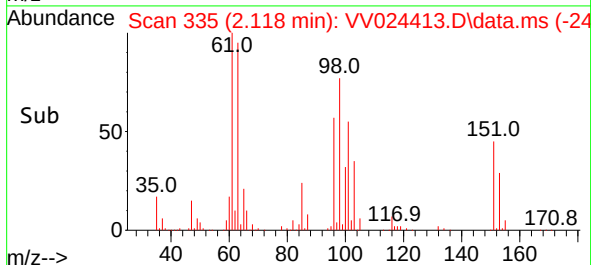
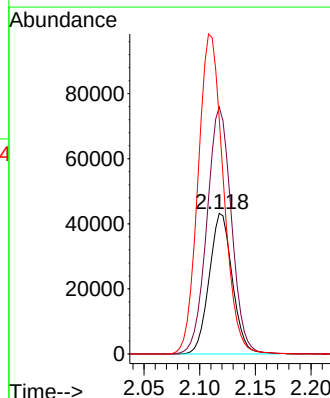
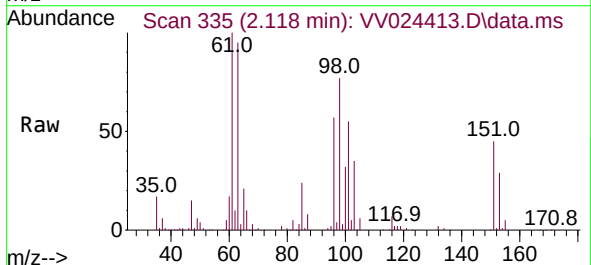
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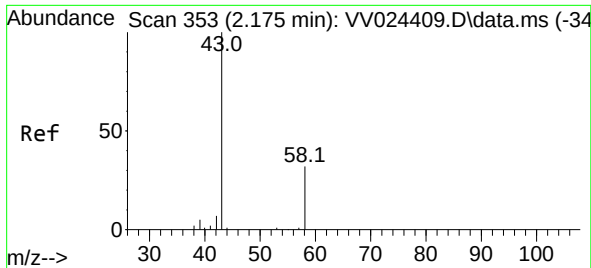
Tgt Ion:101 Resp: 70333
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.3 52.9
 151 80.7 67.1 100.7



#12
 1,1-Dichloroethene
 Concen: 45.125 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024413.D
 Acq: 20 Jan 2022 13:40

Tgt Ion: 96 Resp: 62410
 Ion Ratio Lower Upper
 96 100
 61 175.5 111.9 207.9
 63 167.2 82.7 153.5#





#13

Acetone

Concen: 64.016 ug/L

RT: 2.175 min Scan# 353

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

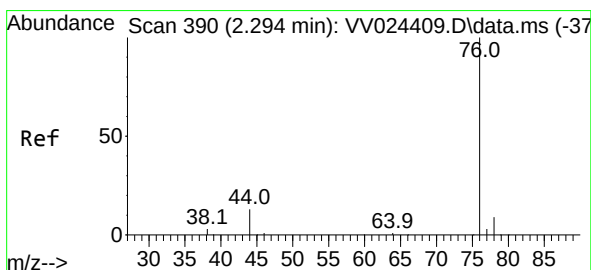
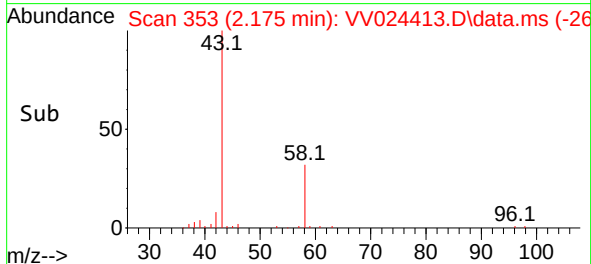
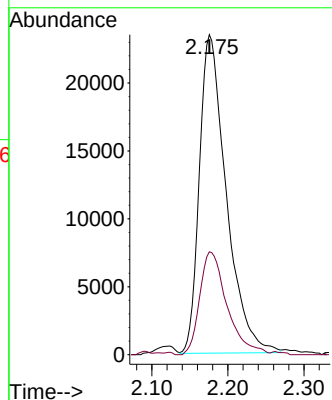
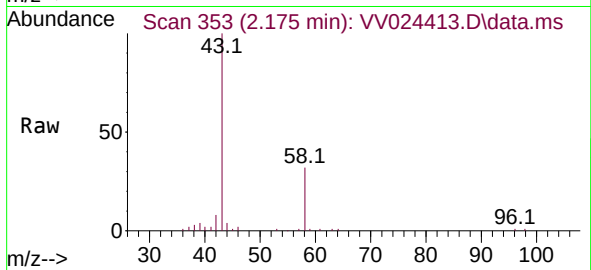
GBCM0MSD

Tgt Ion: 43 Resp: 57544

Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.0



#14

Carbon disulfide

Concen: 44.404 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

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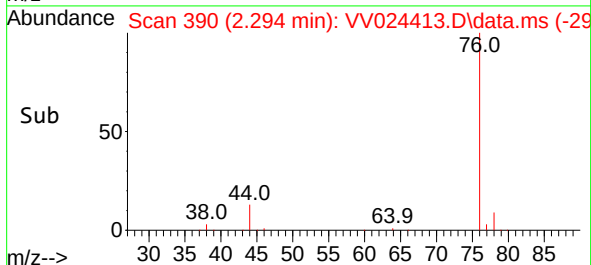
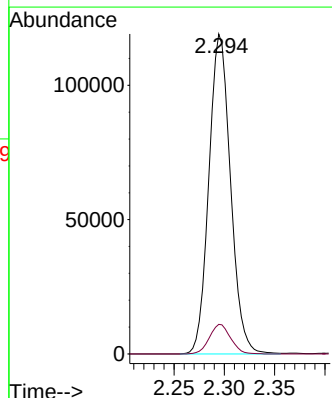
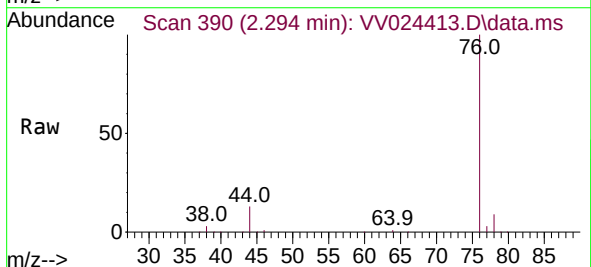
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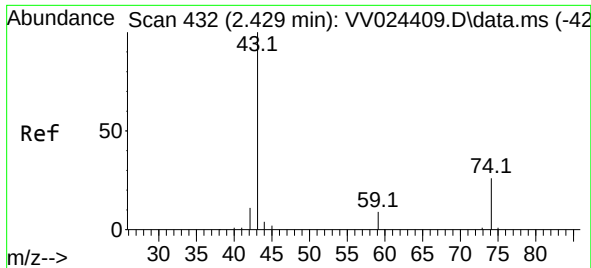
Tgt Ion: 76 Resp: 178314

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

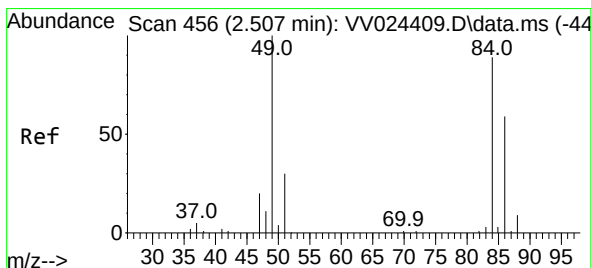
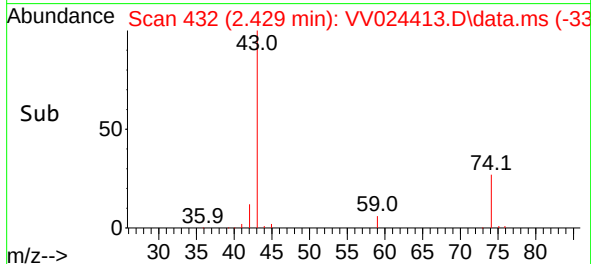
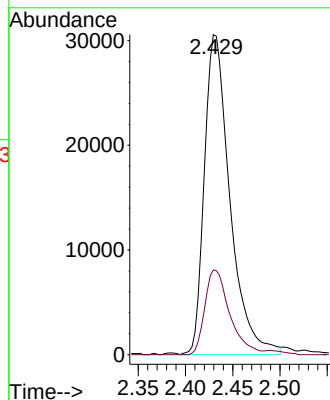
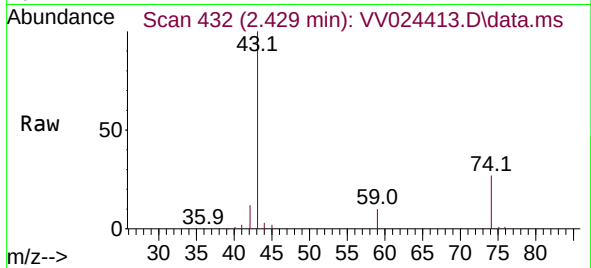




#15
Methyl Acetate
Concen: 44.059 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

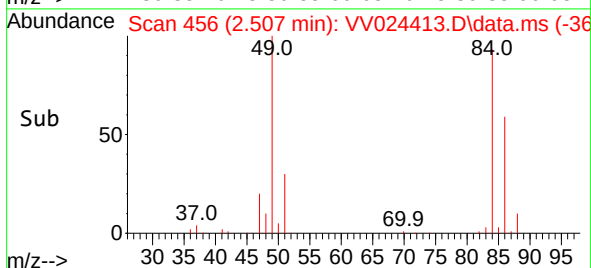
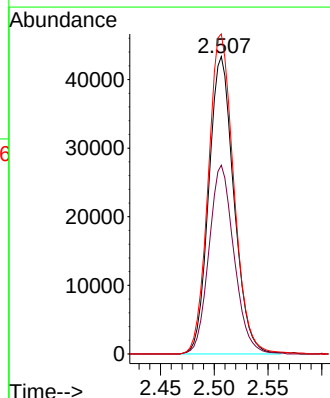
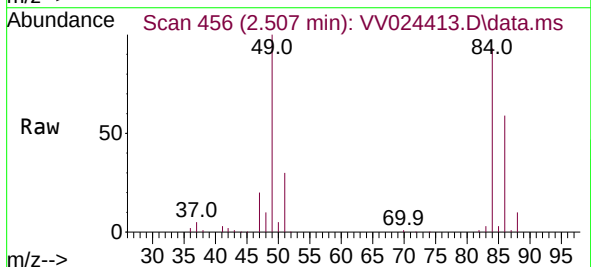
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

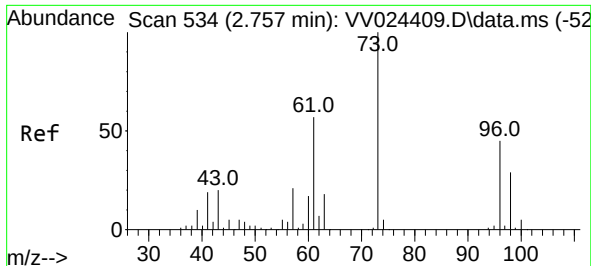
Tgt Ion: 43 Resp: 57603
Ion Ratio Lower Upper
43 100
74 25.7 21.8 32.8



#16
Methylene chloride
Concen: 46.783 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion: 84 Resp: 70461
Ion Ratio Lower Upper
84 100
86 63.5 46.8 86.8
49 107.6 78.3 145.3

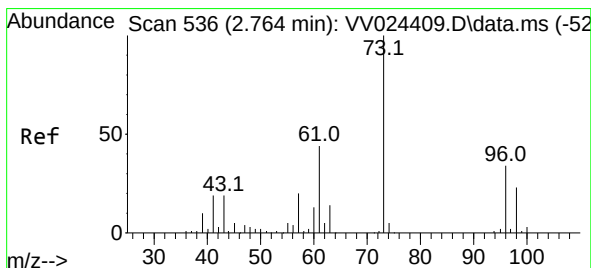
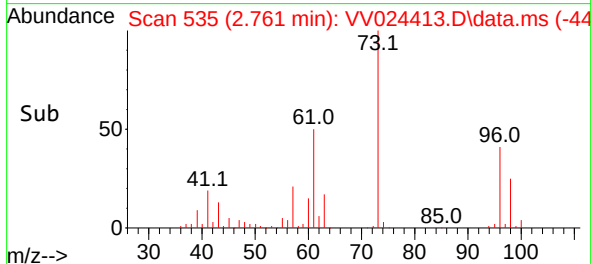
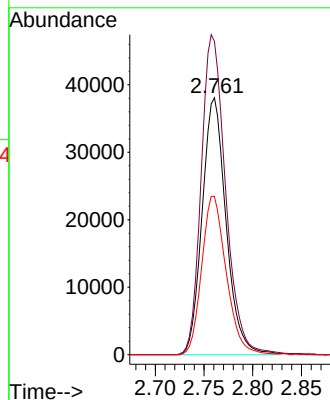
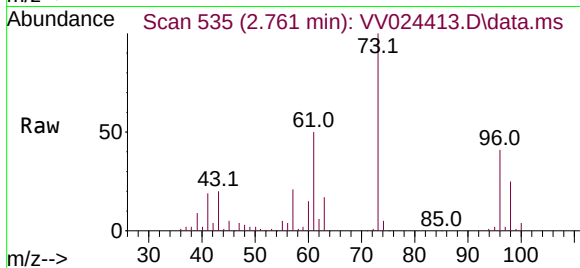




#17
trans-1,2-Dichloroethene
Concen: 45.721 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

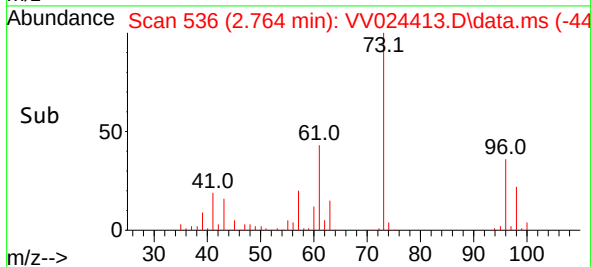
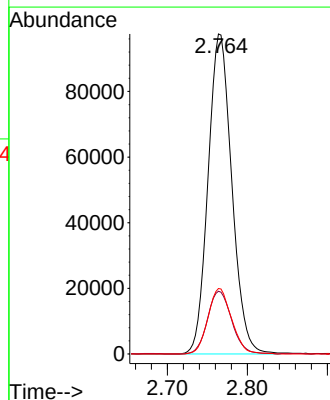
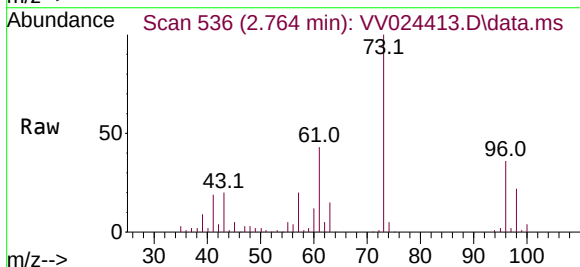
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

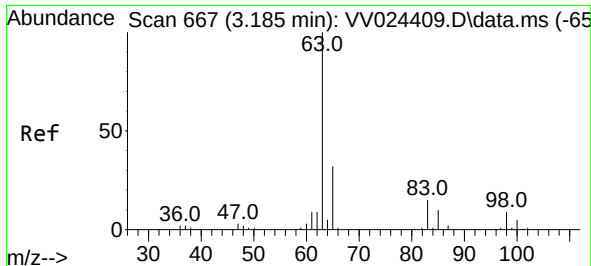
Tgt Ion: 96 Resp: 65160
Ion Ratio Lower Upper
96 100
61 121.9 88.1 163.7
98 61.6 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 45.825 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion: 73 Resp: 201280
Ion Ratio Lower Upper
73 100
43 19.9 16.2 24.2
57 20.3 15.9 23.9





#19

1,1-Dichloroethane

Concen: 46.204 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MSD

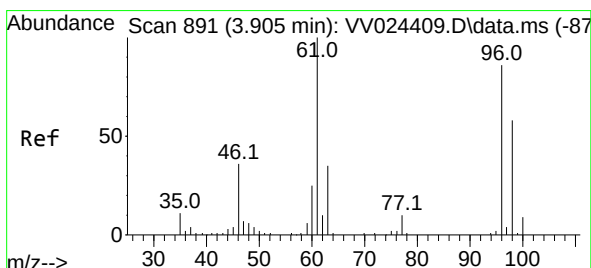
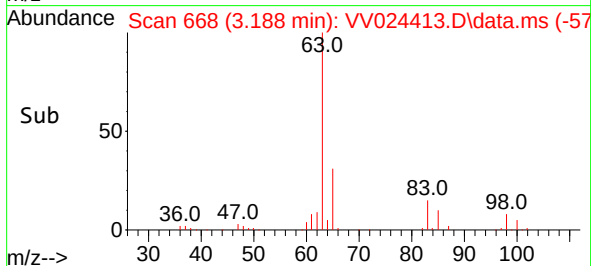
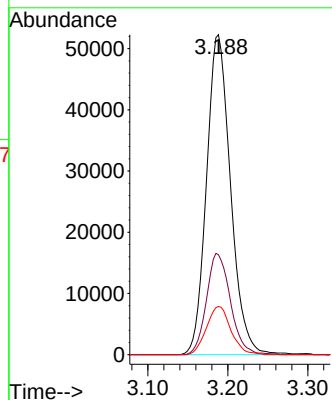
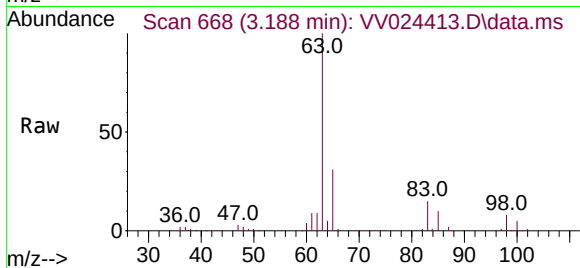
Tgt Ion: 63 Resp: 109219

Ion Ratio Lower Upper

63 100

65 31.3 22.4 41.6

83 15.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 45.758 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

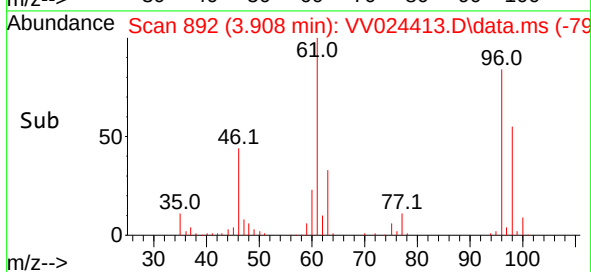
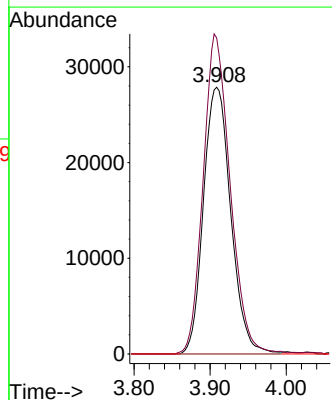
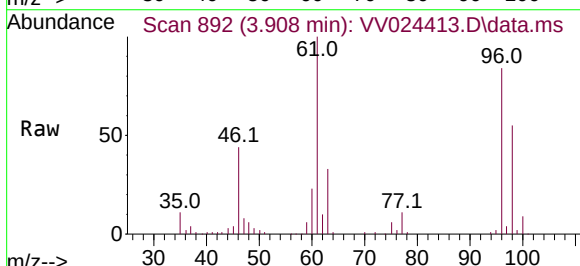
Tgt Ion: 96 Resp: 69647

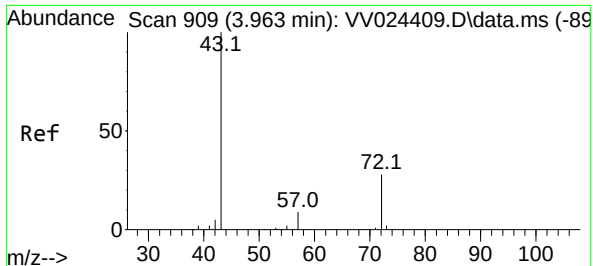
Ion Ratio Lower Upper

96 100

61 118.4 82.9 153.9

68 0.0 0.0 0.0

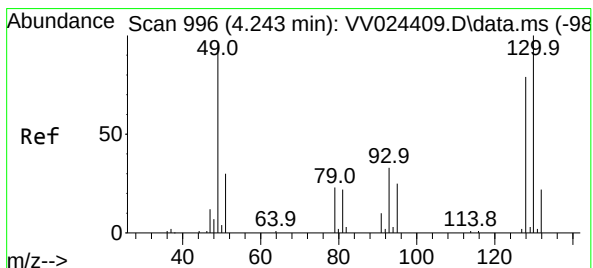
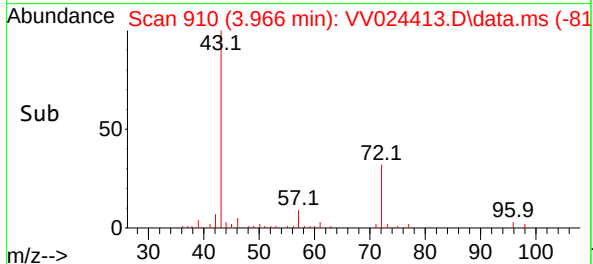
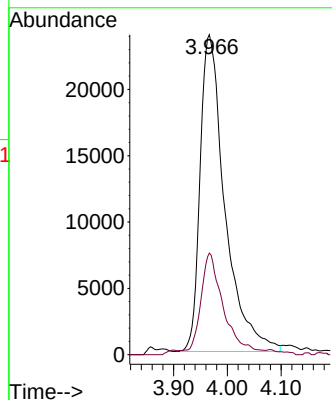
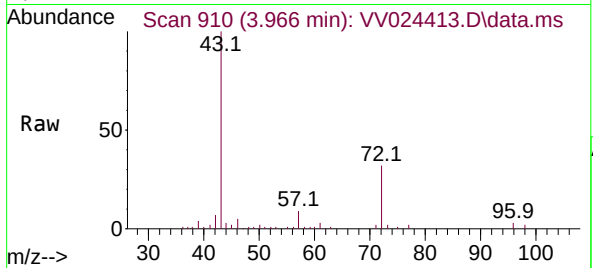




#22
2-Butanone
Concen: 80.279 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.003 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

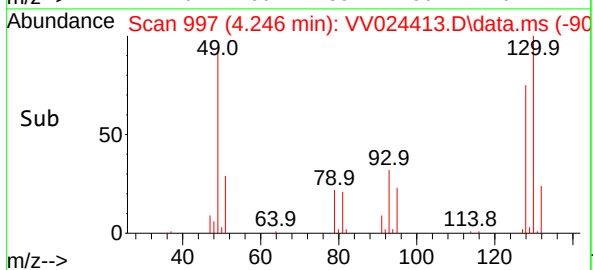
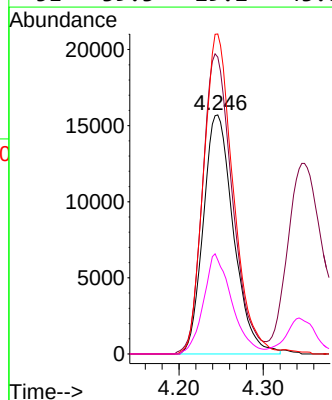
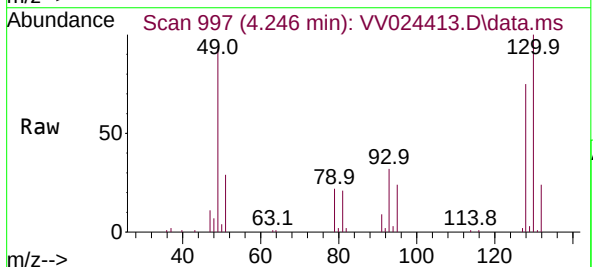
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

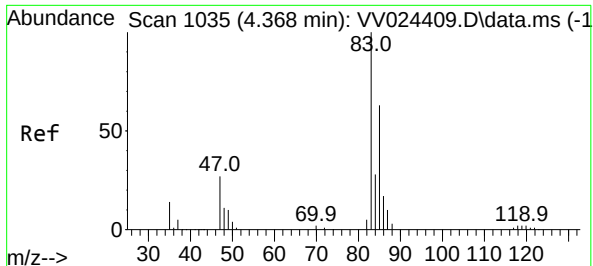
Tgt Ion: 43 Resp: 76655
Ion Ratio Lower Upper
43 100
72 25.1 14.9 44.9



#23
Bromochloromethane
Concen: 44.546 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion: 128 Resp: 39068
Ion Ratio Lower Upper
128 100
49 124.1 83.1 154.3
130 133.8 87.0 161.6
51 39.3 29.2 43.8





#25

Chloroform

Concen: 45.436 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

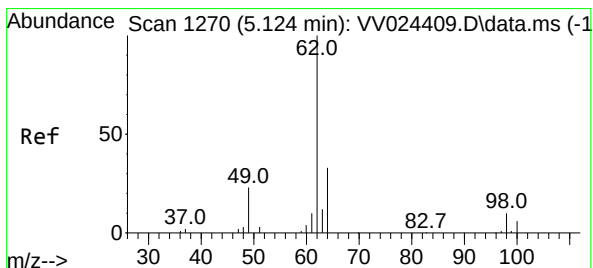
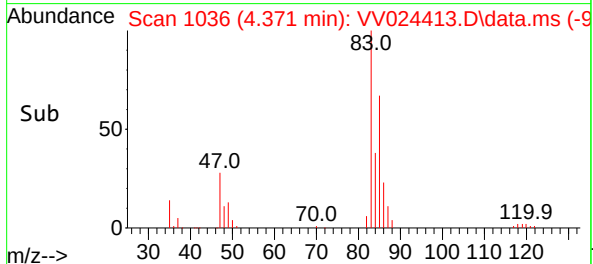
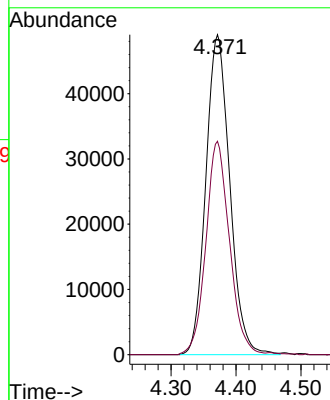
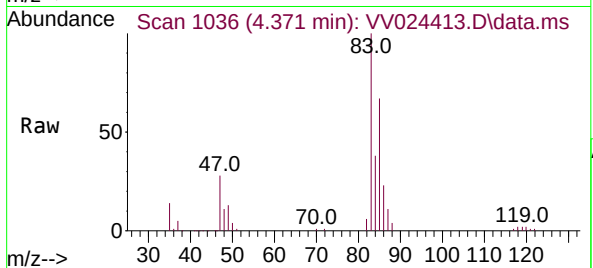
GBCM0MSD

Tgt Ion: 83 Resp: 125575

Ion Ratio Lower Upper

83 100

85 66.7 46.3 85.9



#27

1,2-Dichloroethane

Concen: 44.394 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV024413.D

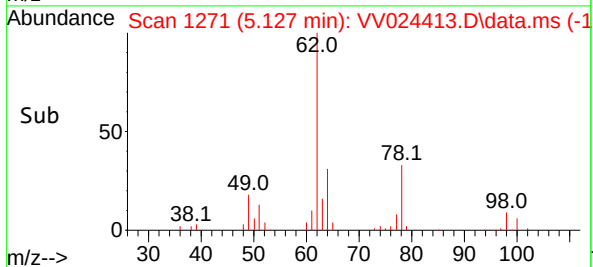
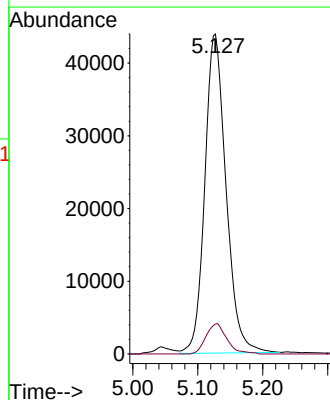
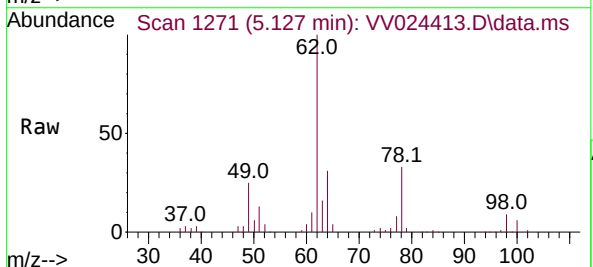
Acq: 20 Jan 2022 13:40

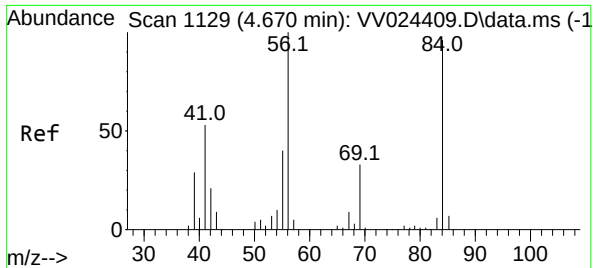
Tgt Ion: 62 Resp: 99797

Ion Ratio Lower Upper

62 100

98 9.3 7.1 10.7

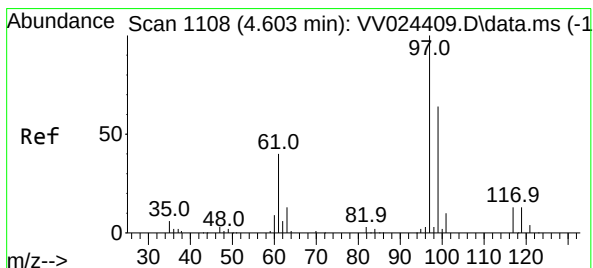
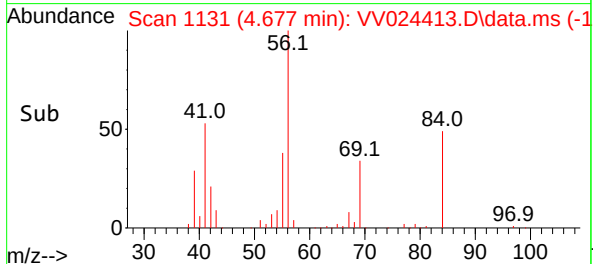
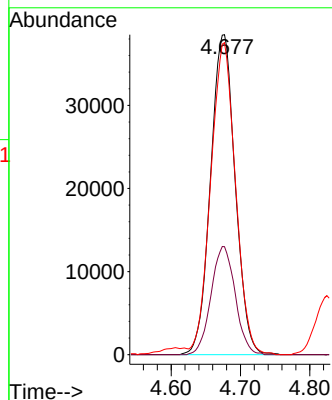
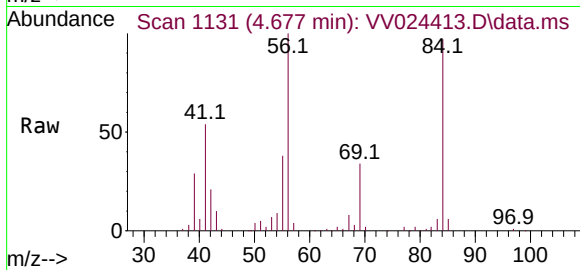




#29
Cyclohexane
Concen: 49.282 ug/L
RT: 4.677 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

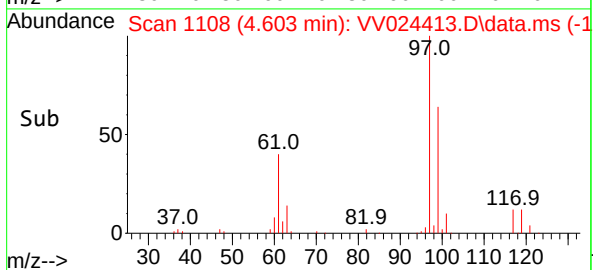
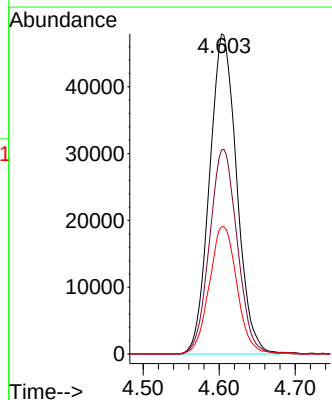
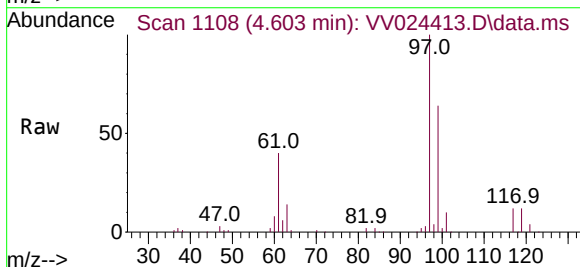
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

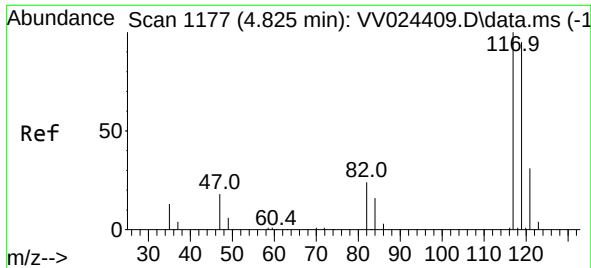
Tgt Ion:	56	Resp:	95215
Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.8	38.6
84	96.7	79.1	118.7



#30
1,1,1-Trichloroethane
Concen: 44.751 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion:	97	Resp:	119007
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.2	76.8
61	40.4	33.2	49.8

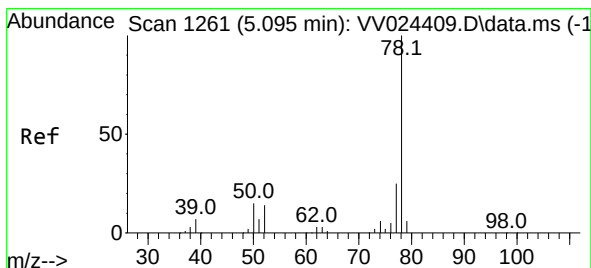
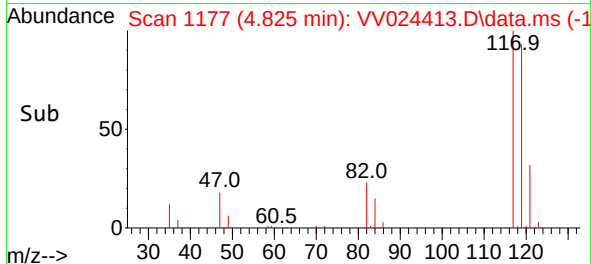
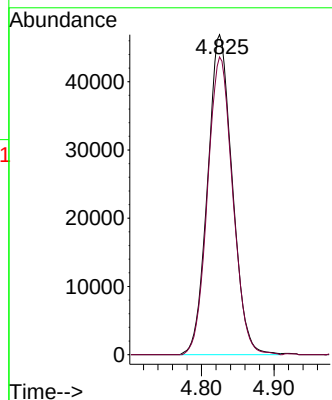
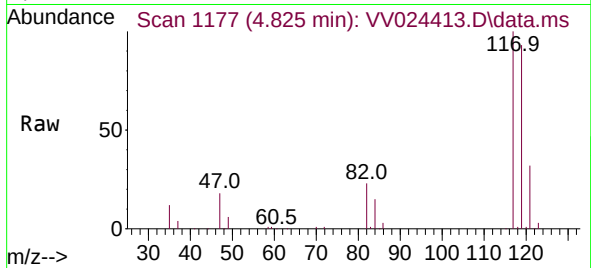




#31
Carbon tetrachloride
Concen: 45.002 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

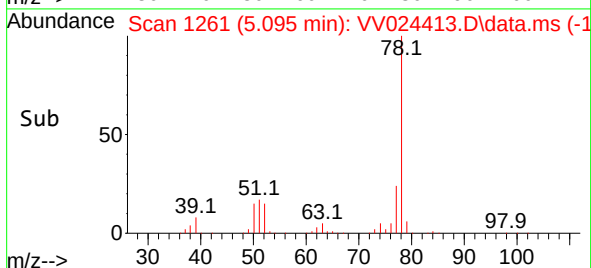
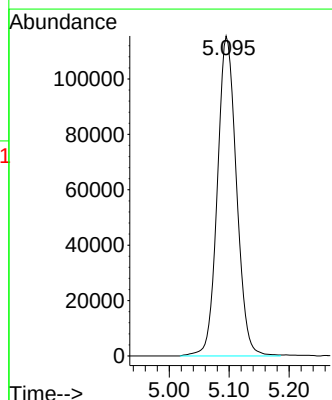
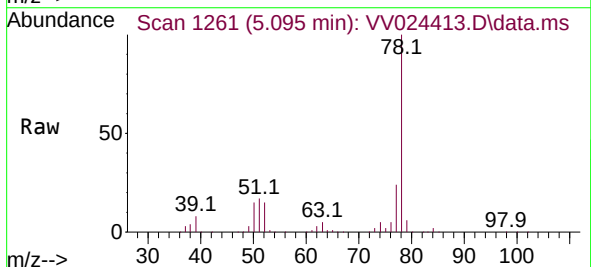
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

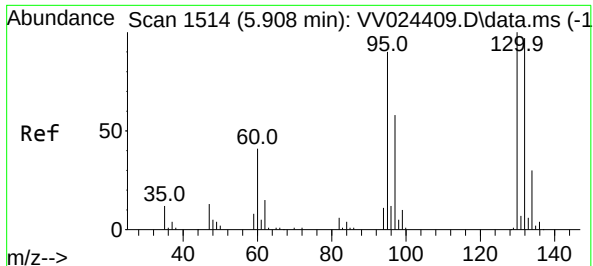
Tgt Ion:117 Resp: 111025
Ion Ratio Lower Upper
117 100
119 94.6 76.9 115.3



#33
Benzene
Concen: 46.350 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion: 78 Resp: 254727

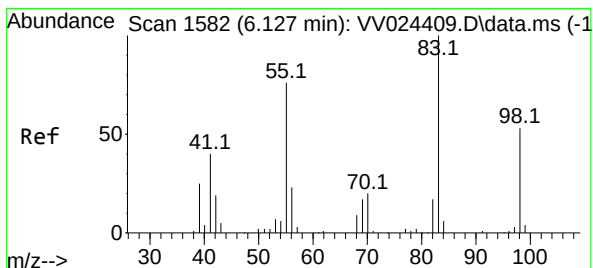
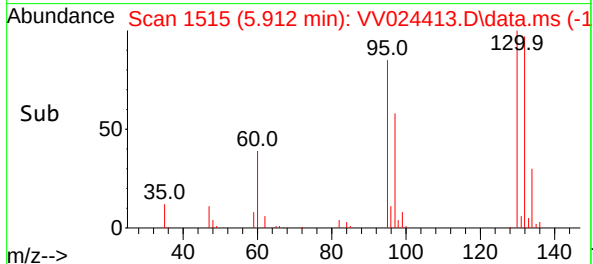
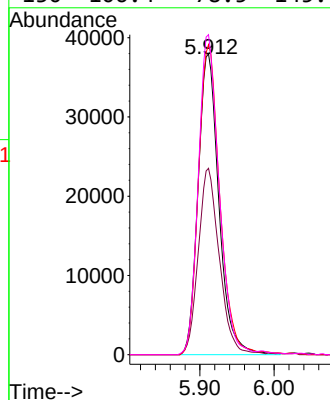
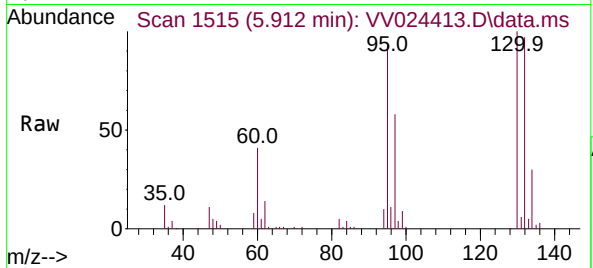




#34
Trichloroethene
Concen: 48.846 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

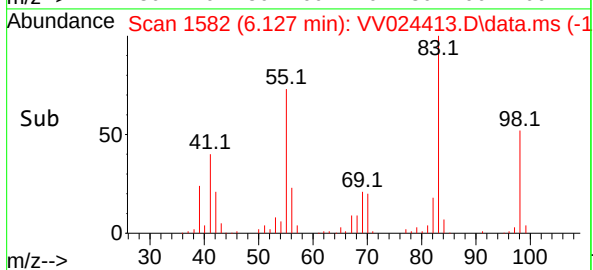
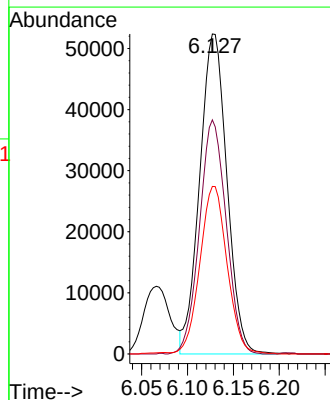
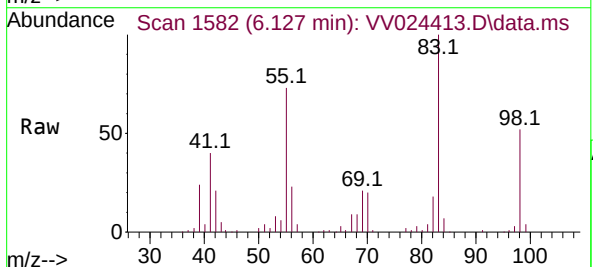
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

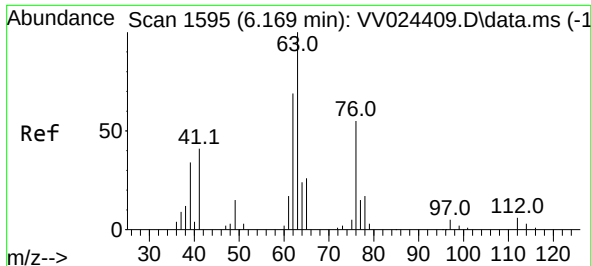
Tgt Ion: 95 Resp: 74026
Ion Ratio Lower Upper
95 100
97 62.0 44.1 81.9
132 103.1 75.1 139.5
130 106.4 78.5 145.7



#35
Methylcyclohexane
Concen: 48.243 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion: 83 Resp: 108431
Ion Ratio Lower Upper
83 100
55 71.6 55.6 83.4
98 52.1 41.3 61.9





#37

1,2-Dichloropropane

Concen: 46.344 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

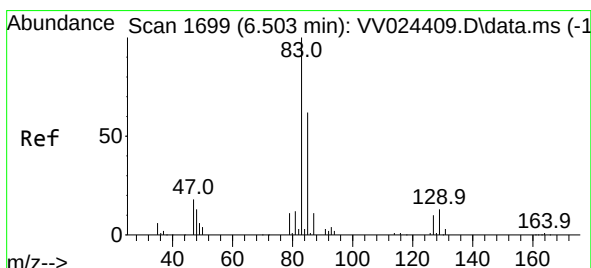
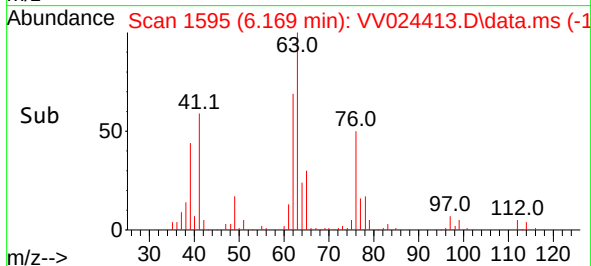
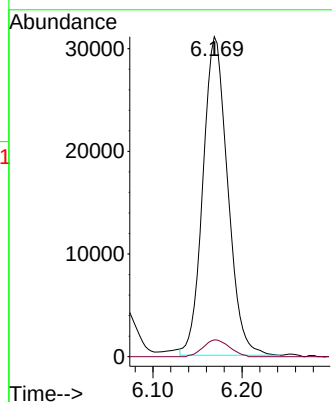
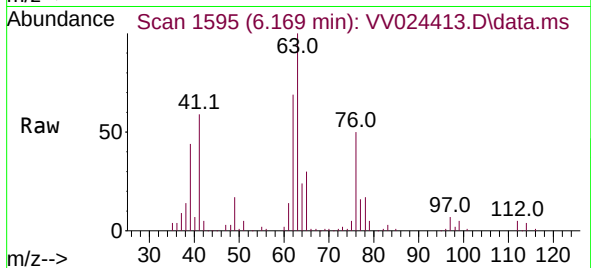
GBCM0MSD

Tgt Ion: 63 Resp: 59906

Ion Ratio Lower Upper

63 100

112 5.6 4.7 7.1



#38

Bromodichloromethane

Concen: 45.762 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

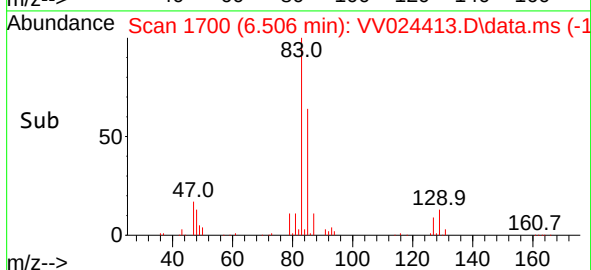
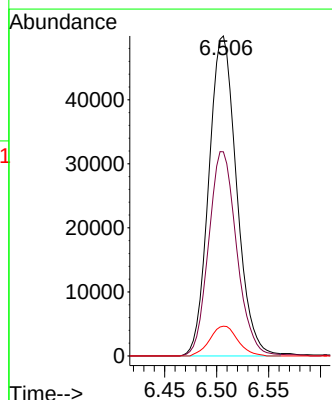
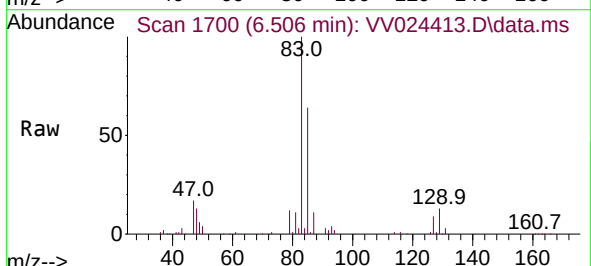
Tgt Ion: 83 Resp: 92825

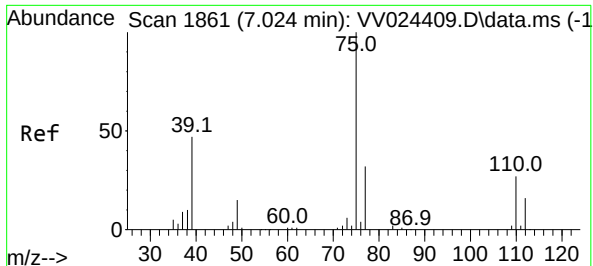
Ion Ratio Lower Upper

83 100

85 63.8 45.2 84.0

127 9.3 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 46.440 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

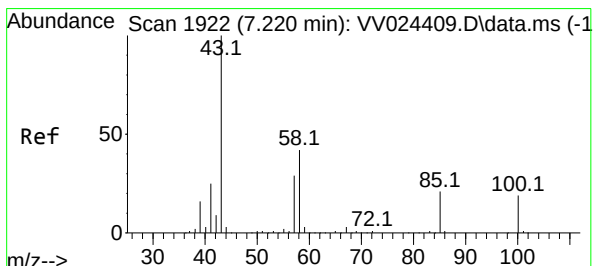
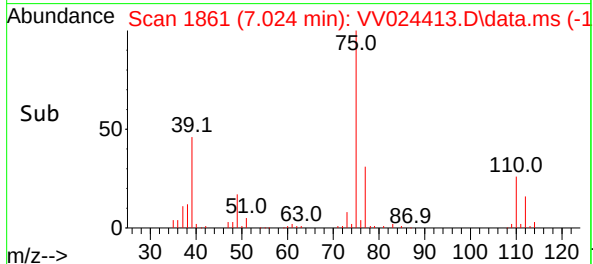
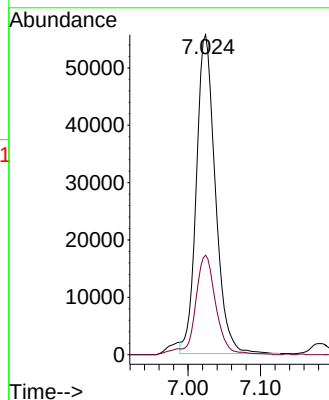
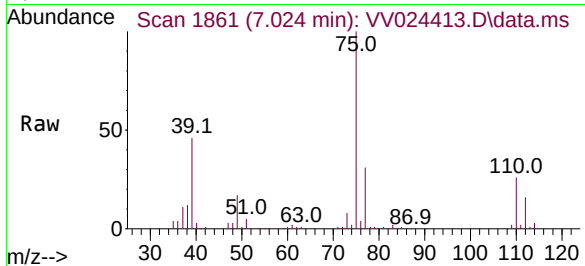
GBCM0MSD

Tgt Ion: 75 Resp: 100910

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 87.995 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

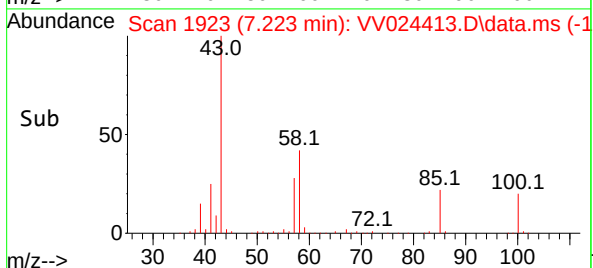
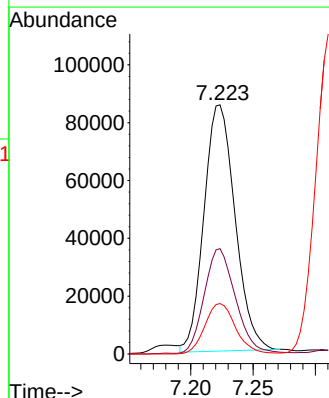
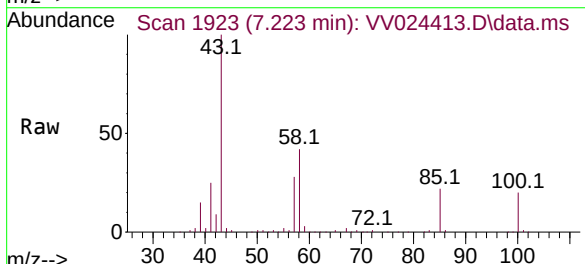
Tgt Ion: 43 Resp: 148324

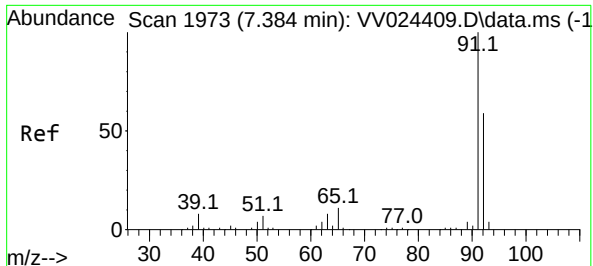
Ion Ratio Lower Upper

43 100

58 43.1 33.0 49.4

100 20.3 16.0 24.0





#42

Toluene

Concen: 46.903 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

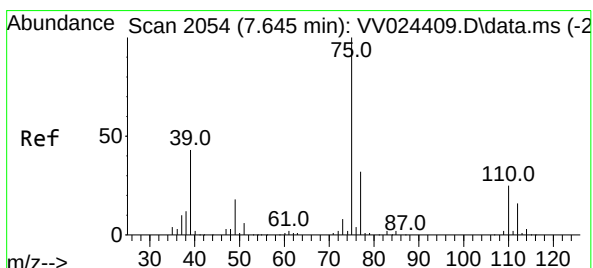
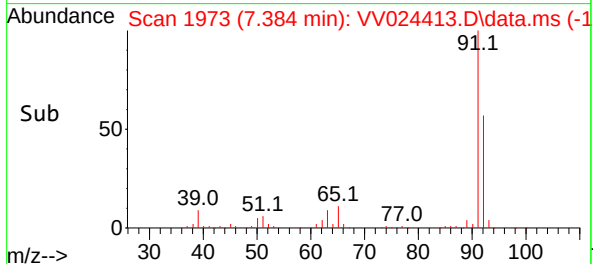
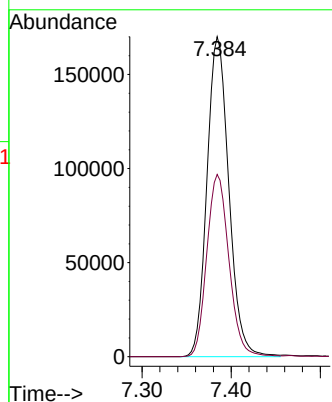
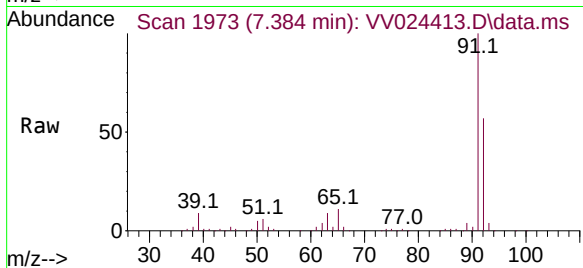
GBCM0MSD

Tgt Ion: 91 Resp: 289348

Ion Ratio Lower Upper

91 100

92 57.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 47.290 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV024413.D

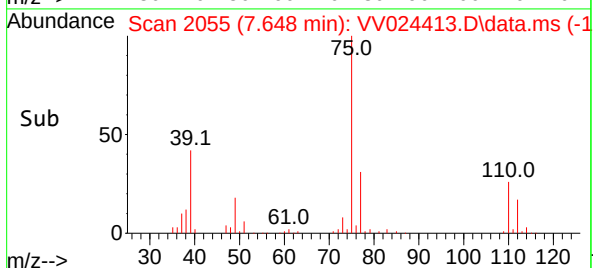
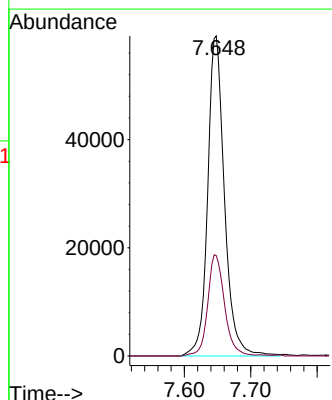
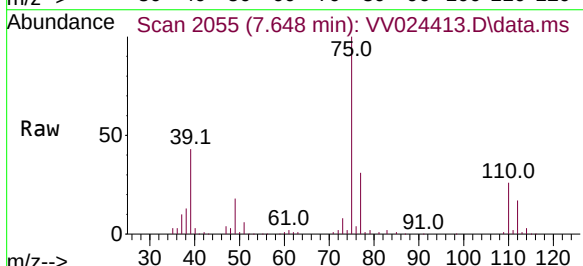
Acq: 20 Jan 2022 13:40

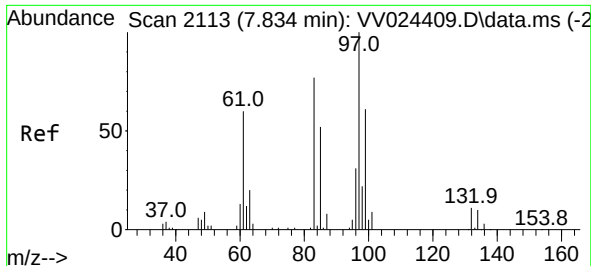
Tgt Ion: 75 Resp: 104238

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 45.195 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MSD

Tgt Ion: 97 Resp: 65493

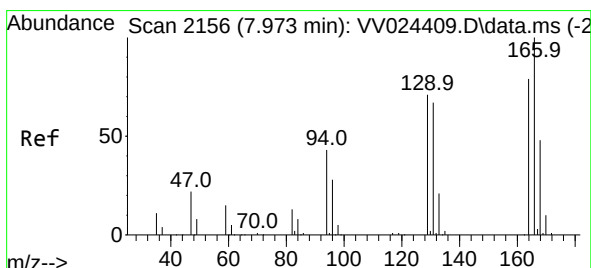
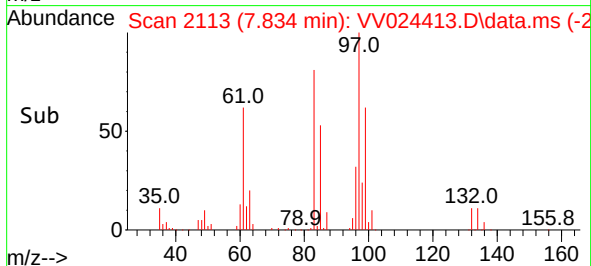
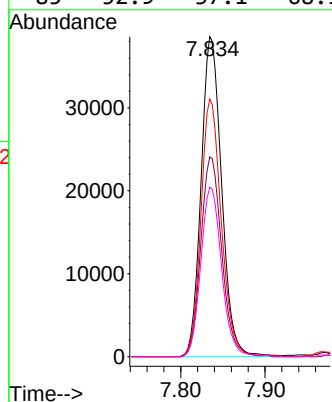
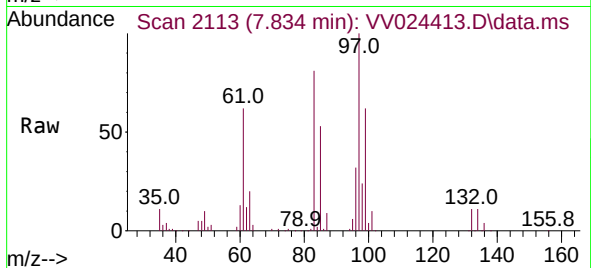
Ion Ratio Lower Upper

97 100

99 62.5 42.4 78.8

83 80.6 57.9 107.5

85 52.9 37.1 68.9



#46

Tetrachloroethene

Concen: 46.763 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Tgt Ion:164 Resp: 64504

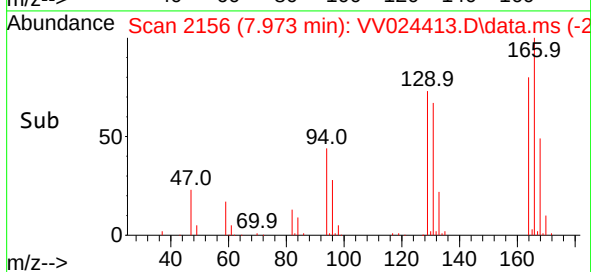
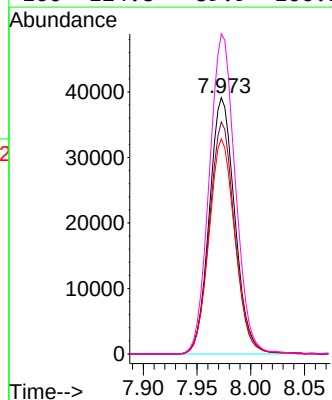
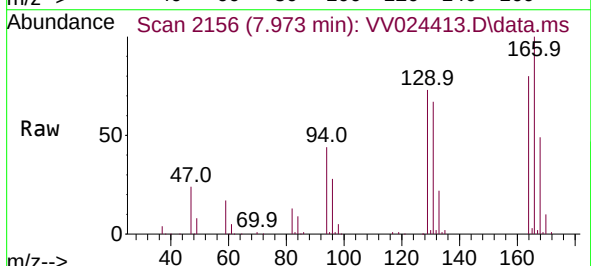
Ion Ratio Lower Upper

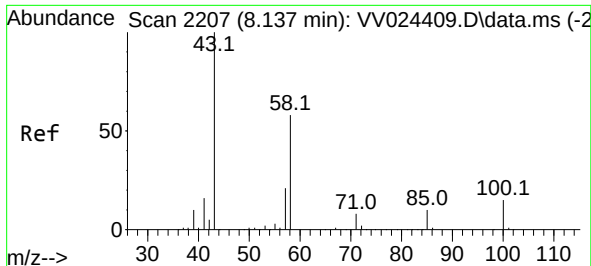
164 100

129 90.5 61.5 114.1

131 84.0 62.2 115.4

166 124.8 89.9 166.9



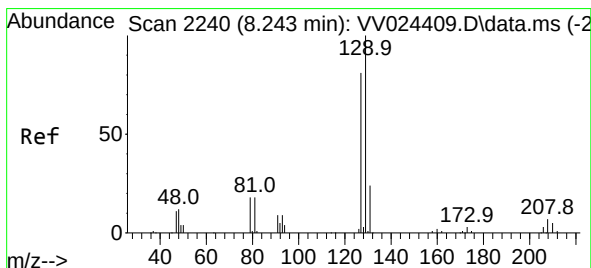
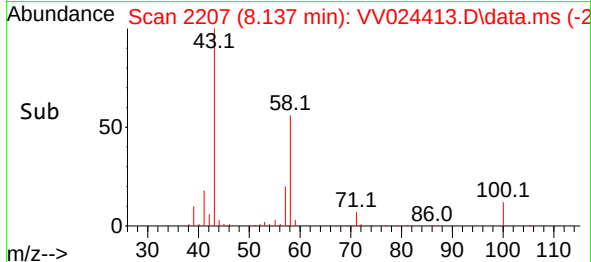
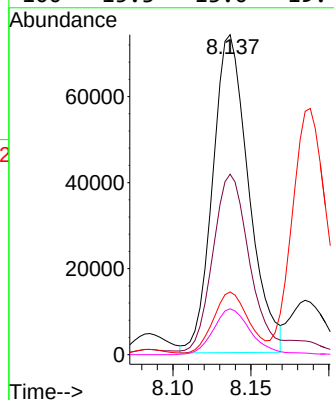
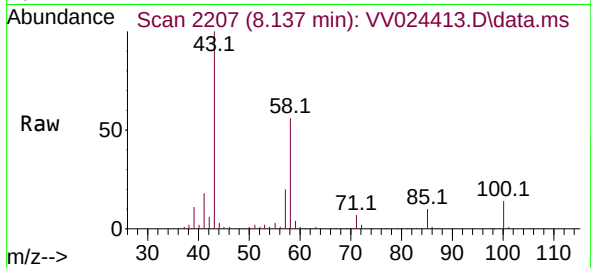


#48
2-Hexanone
Concen: 87.793 ug/L
RT: 8.137 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

Tgt Ion: 43 Resp: 118859

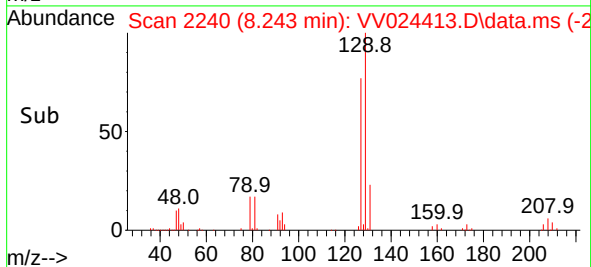
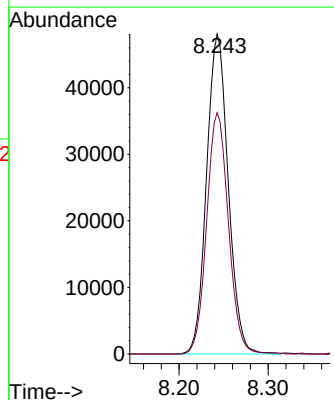
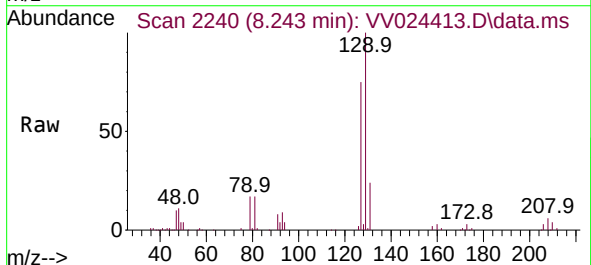
Ion	Ratio	Lower	Upper
43	100		
58	55.7	45.0	67.4
57	19.5	16.9	25.3
100	15.3	13.0	19.4

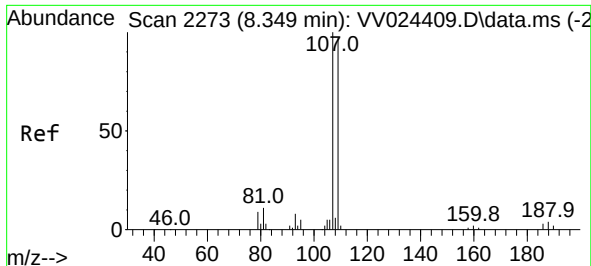


#49
Dibromochloromethane
Concen: 44.750 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion: 129 Resp: 81286

Ion	Ratio	Lower	Upper
129	100		
127	75.4	53.7	99.7





#50

1,2-Dibromoethane

Concen: 45.050 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MSD

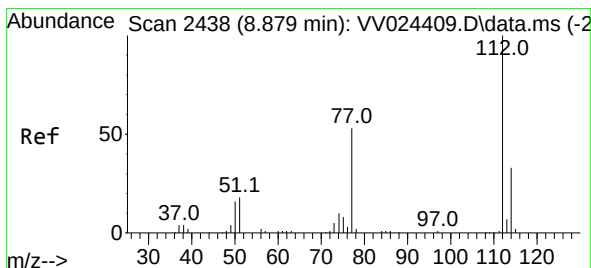
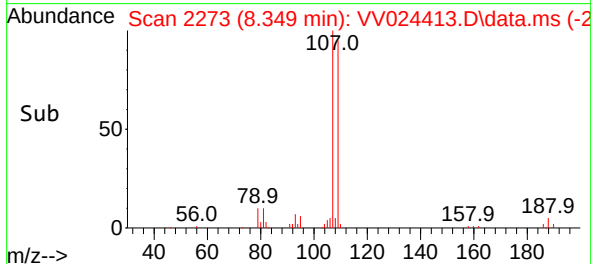
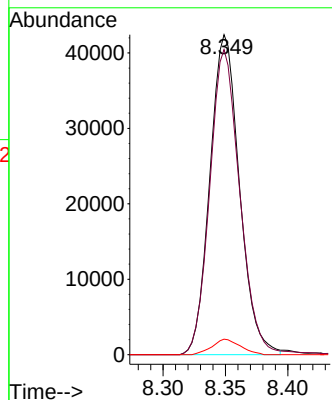
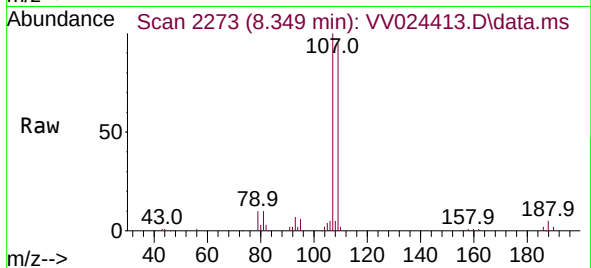
Tgt Ion:107 Resp: 70119

Ion Ratio Lower Upper

107 100

109 95.3 65.8 122.2

188 4.9 3.8 5.6



#51

Chlorobenzene

Concen: 46.614 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

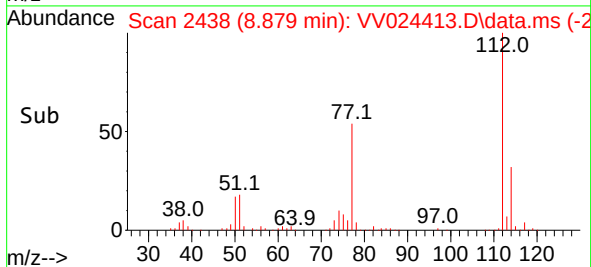
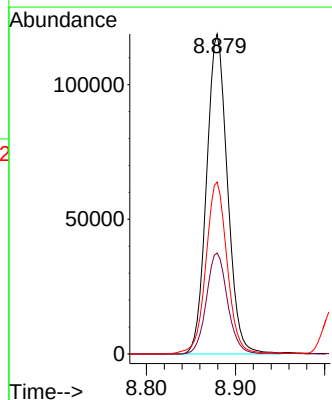
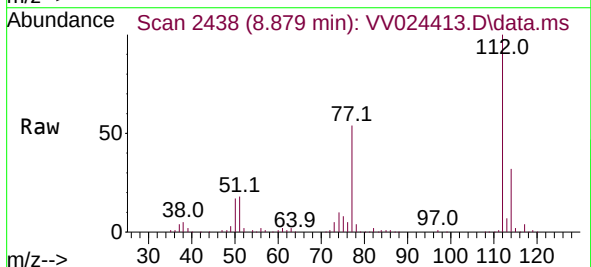
Tgt Ion:112 Resp: 193690

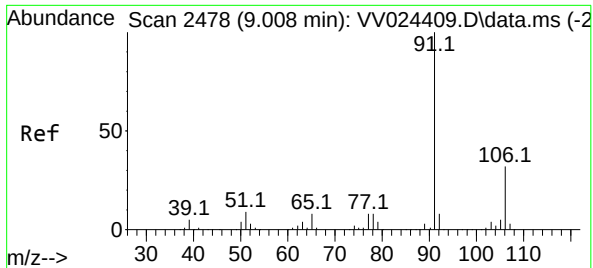
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.5

77 53.7 42.8 64.2

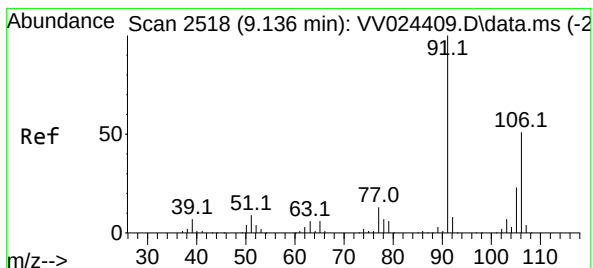
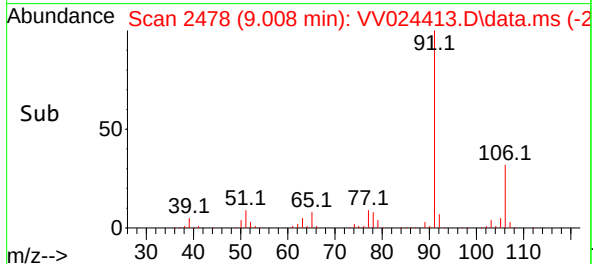
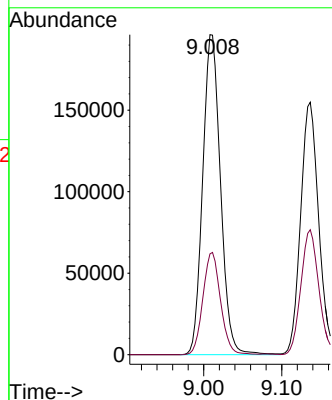
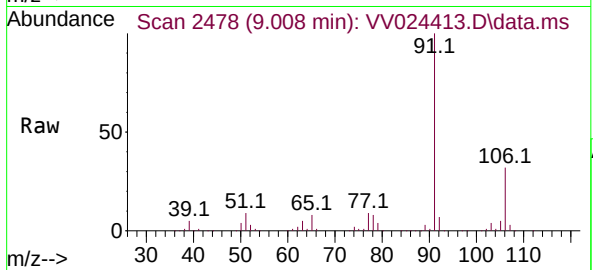




#52
Ethylbenzene
Concen: 47.323 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

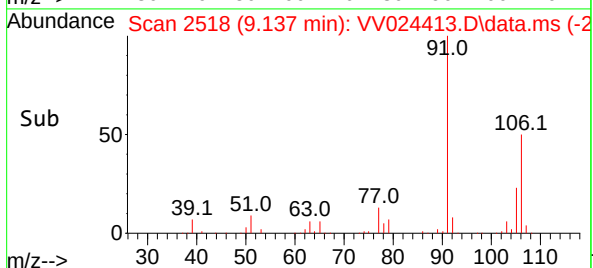
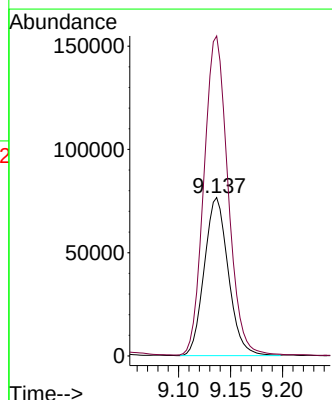
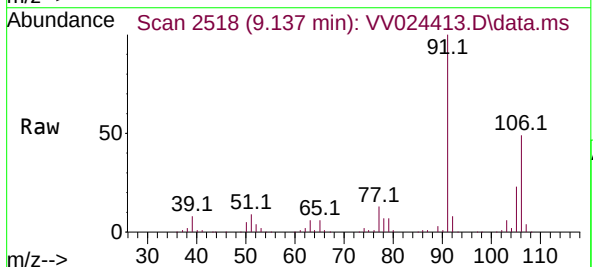
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

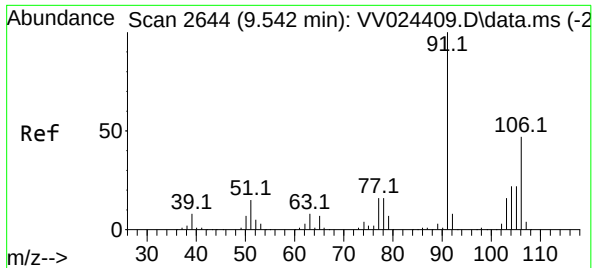
Tgt Ion: 91 Resp: 311881
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-Xylene
Concen: 46.593 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion: 106 Resp: 123084
Ion Ratio Lower Upper
106 100
91 202.0 141.8 263.4

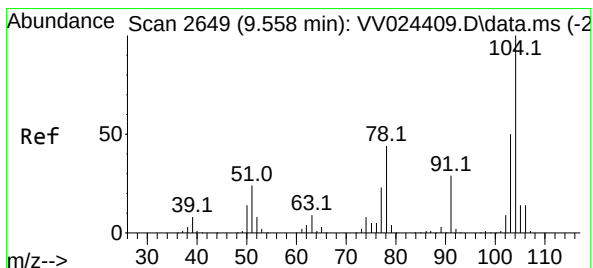
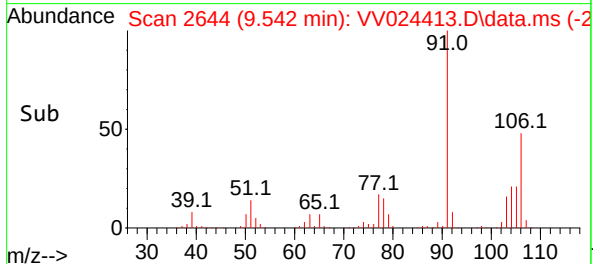
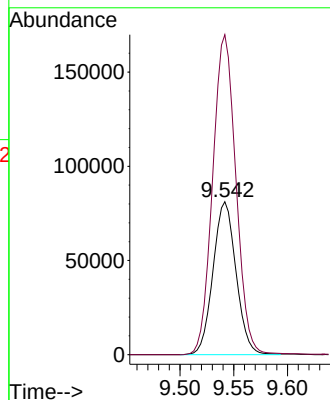
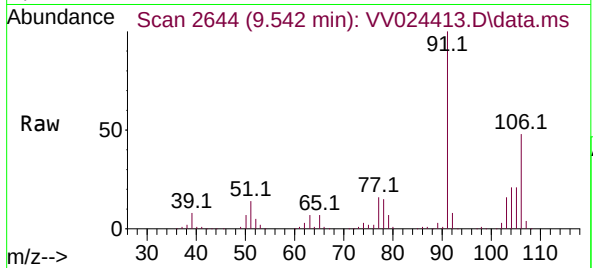




#54
o-Xylene
Concen: 47.949 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

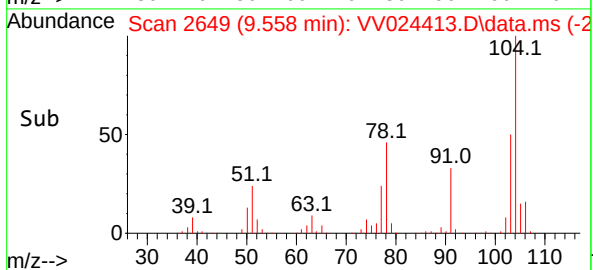
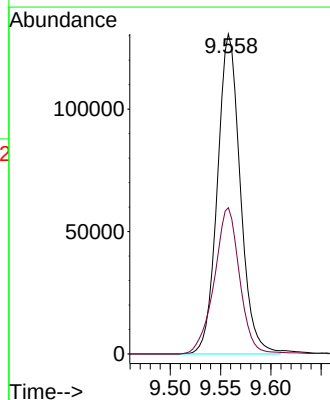
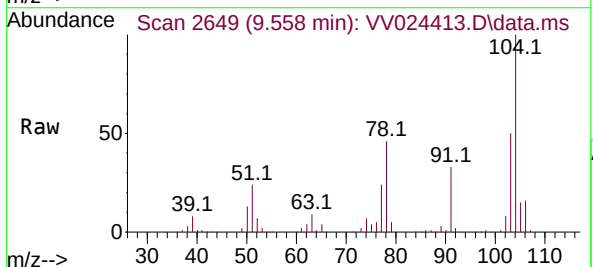
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

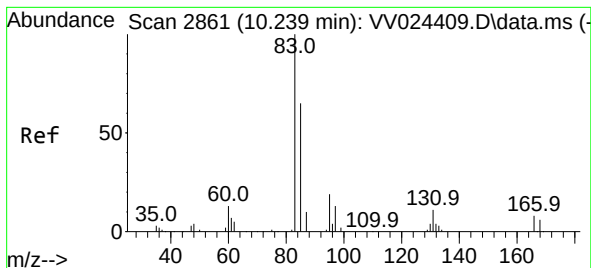
Tgt Ion:106 Resp: 120914
Ion Ratio Lower Upper
106 100
91 209.2 150.9 280.3



#55
Styrene
Concen: 47.268 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion:104 Resp: 206997
Ion Ratio Lower Upper
104 100
78 45.7 31.5 58.5

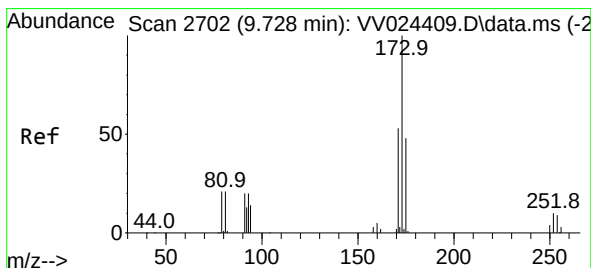
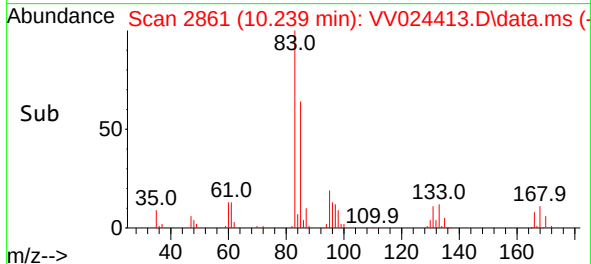
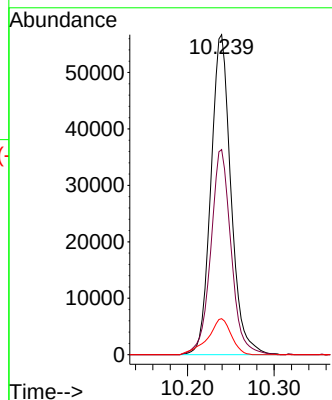
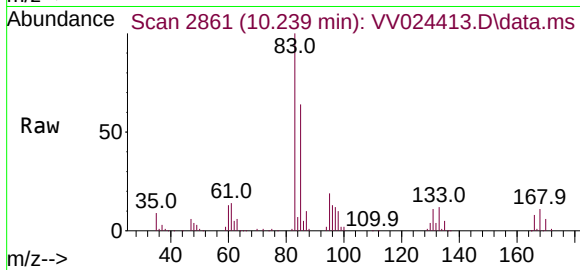




#57
 1,1,2,2-Tetrachloroethane
 Concen: 43.222 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024413.D
 Acq: 20 Jan 2022 13:40

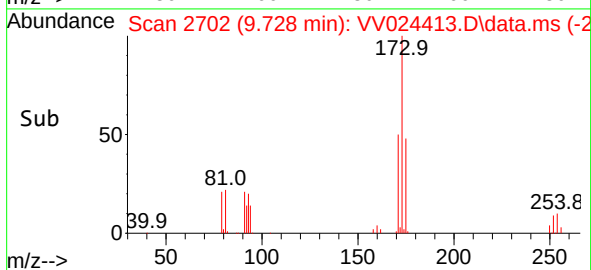
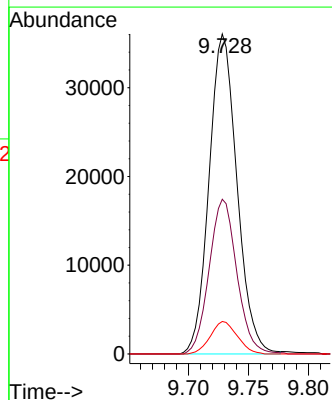
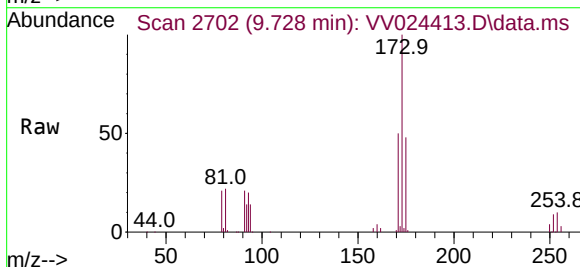
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCM0MSD

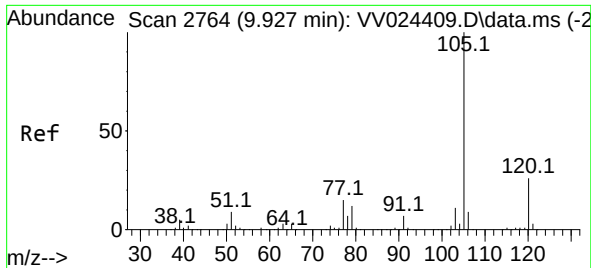
Tgt Ion: 83 Resp: 91457
 Ion Ratio Lower Upper
 83 100
 85 64.1 44.5 82.7
 131 11.2 9.2 13.8



#59
 Bromoform
 Concen: 42.479 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV024413.D
 Acq: 20 Jan 2022 13:40

Tgt Ion: 173 Resp: 58304
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.4 59.2
 254 9.8 7.8 11.6

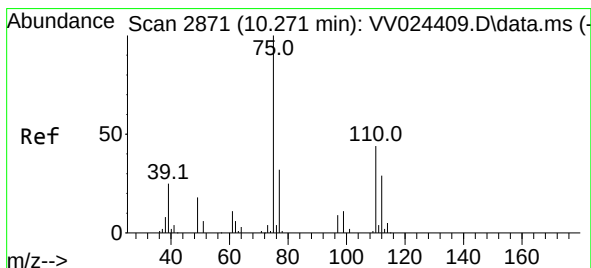
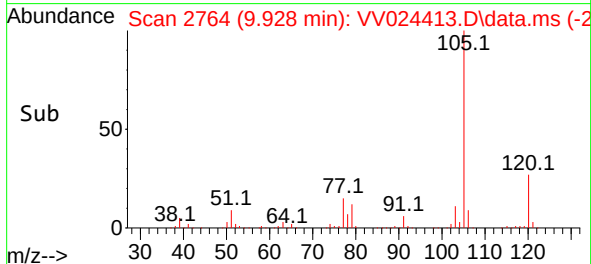
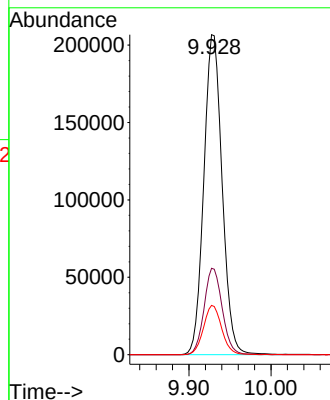
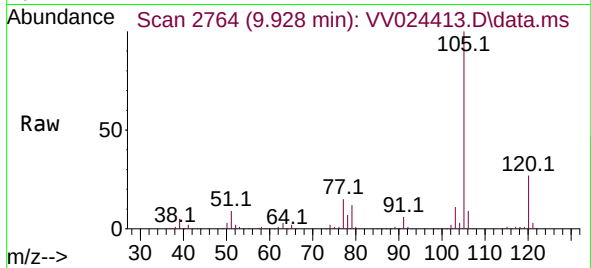




#60
Isopropylbenzene
Concen: 48.109 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

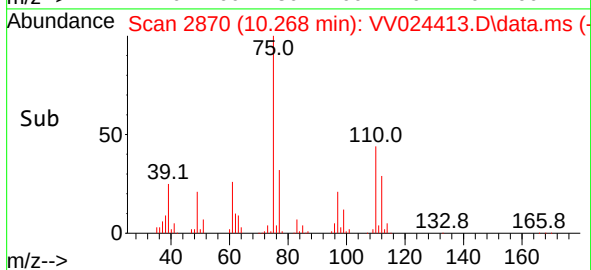
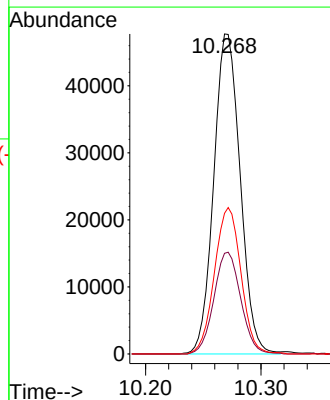
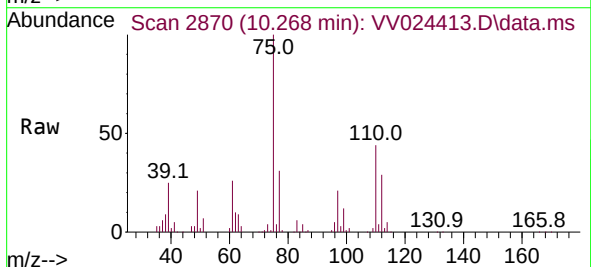
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

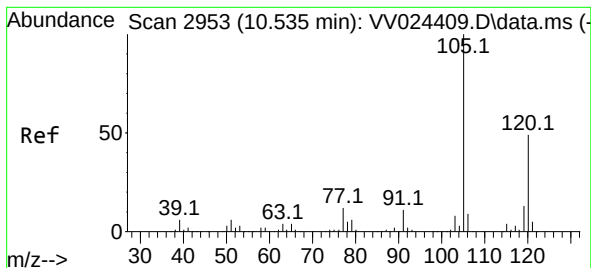
Tgt Ion:105 Resp: 320433
Ion Ratio Lower Upper
105 100
120 26.7 21.9 32.9
77 15.3 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 42.948 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion: 75 Resp: 75910
Ion Ratio Lower Upper
75 100
77 32.2 26.9 40.3
110 45.8 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 47.846 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

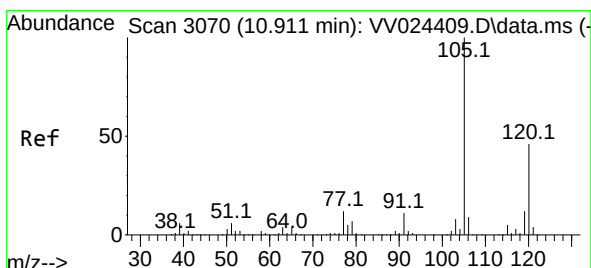
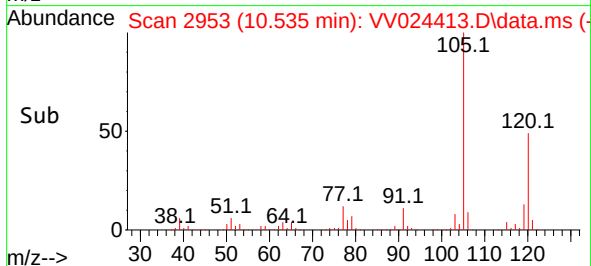
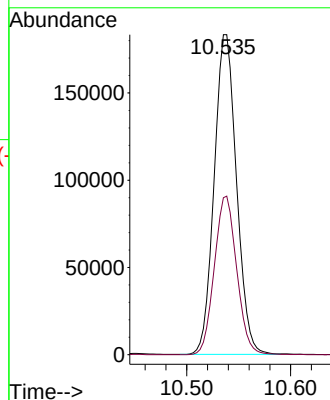
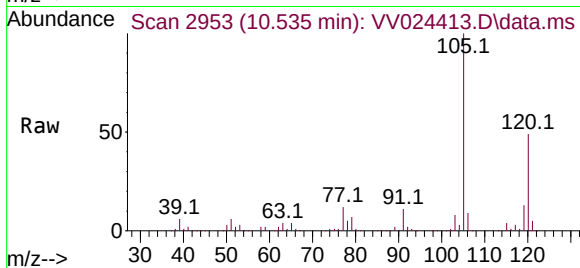
GBCM0MSD

Tgt Ion:105 Resp: 274130

Ion Ratio Lower Upper

105 100

120 49.6 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 48.975 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024413.D

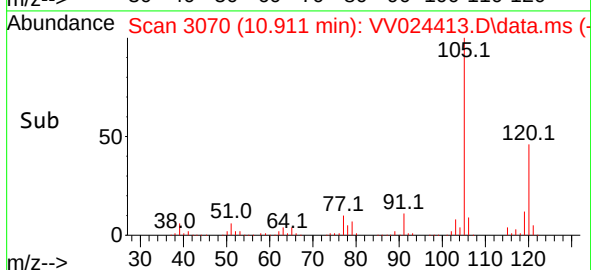
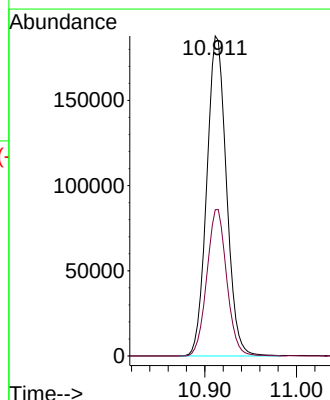
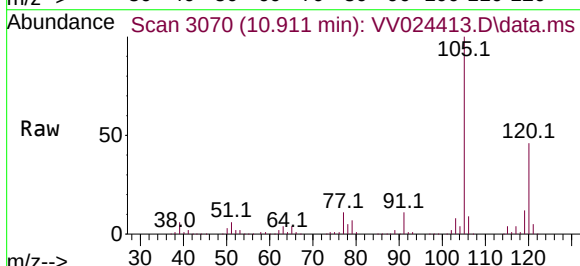
Acq: 20 Jan 2022 13:40

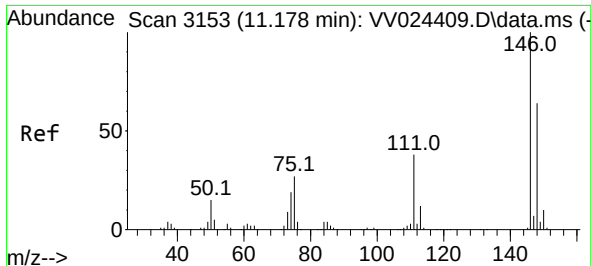
Tgt Ion:105 Resp: 280128

Ion Ratio Lower Upper

105 100

120 46.2 36.6 55.0

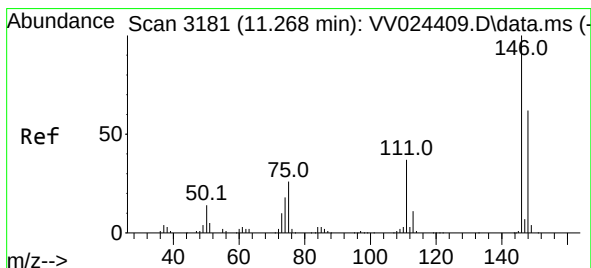
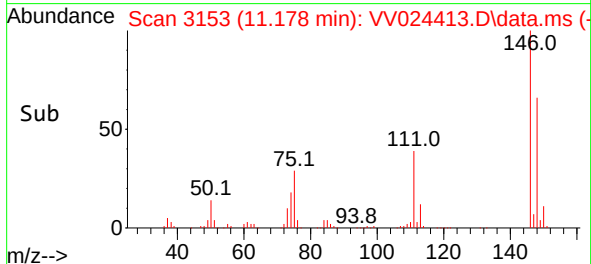
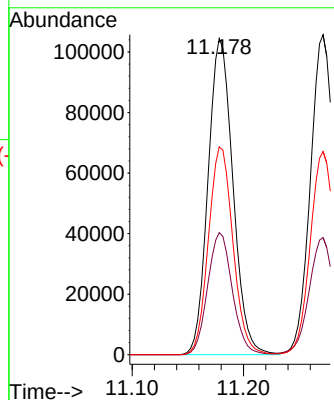
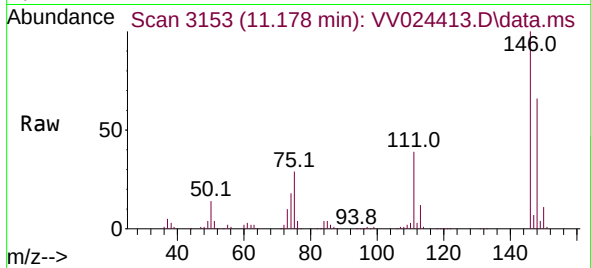




#64
1,3-Dichlorobenzene
Concen: 47.269 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

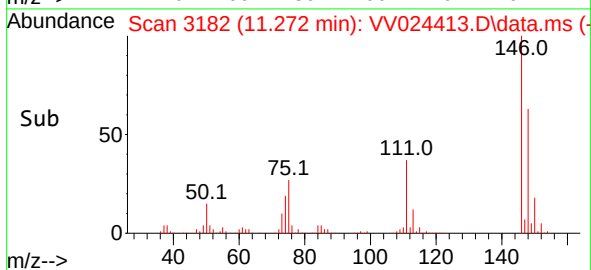
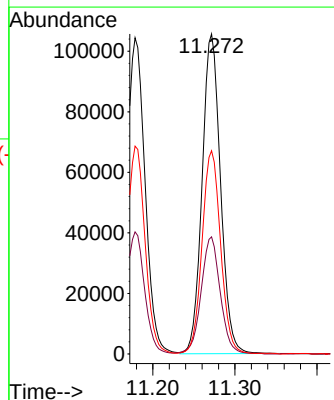
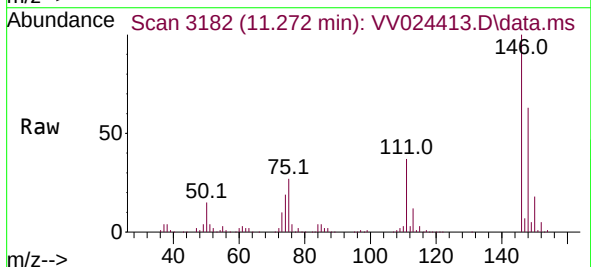
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

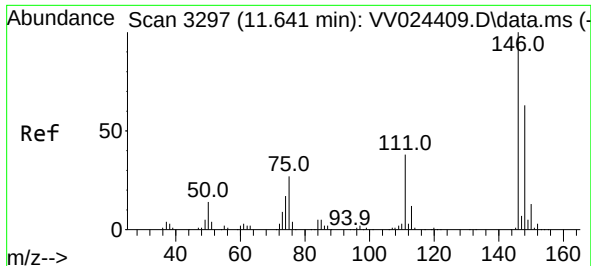
Tgt Ion:146 Resp: 162334
Ion Ratio Lower Upper
146 100
111 38.6 26.5 49.3
148 65.7 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 46.456 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion:146 Resp: 164532
Ion Ratio Lower Upper
146 100
111 36.6 26.5 49.3
148 63.5 44.9 83.5

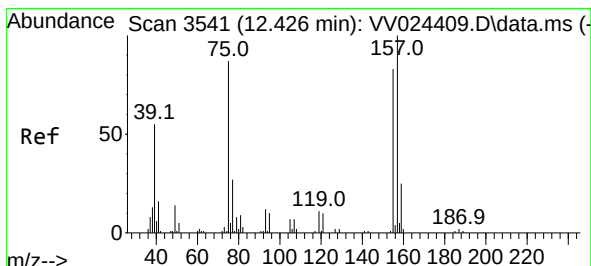
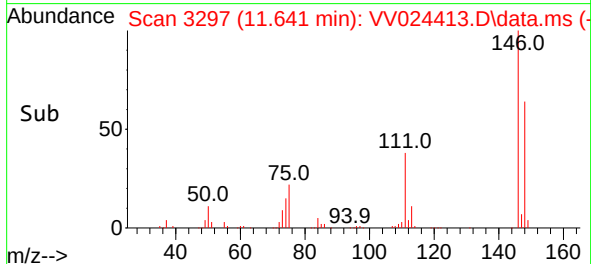
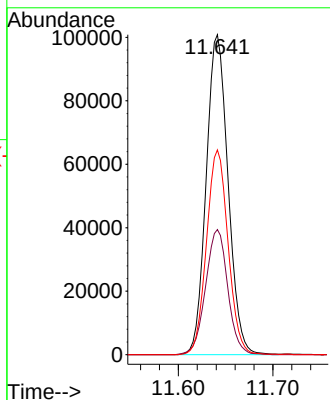
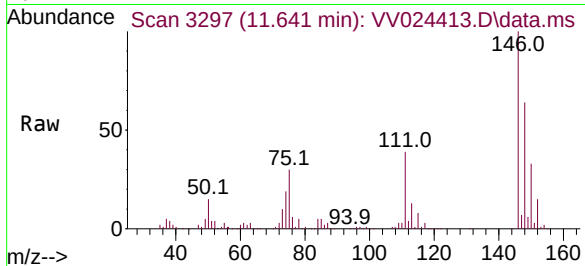




#67
1,2-Dichlorobenzene
Concen: 45.774 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

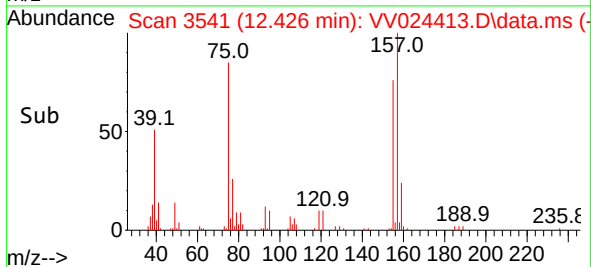
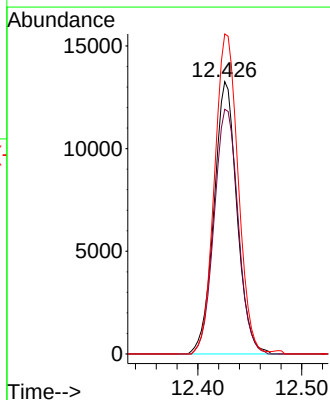
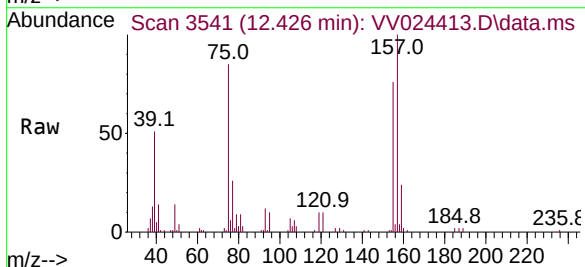
Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

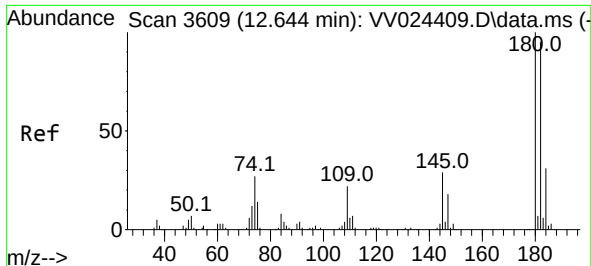
Tgt Ion:146 Resp: 162012
Ion Ratio Lower Upper
146 100
111 39.1 32.0 48.0
148 64.0 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 40.251 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion: 75 Resp: 20490
Ion Ratio Lower Upper
75 100
155 89.8 73.2 109.8
157 117.5 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 45.281 ug/L

RT: 12.644 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

Instrument :

MSVOA_V

ClientSampleId :

GBCM0MSD

Tgt Ion:180 Resp: 119613

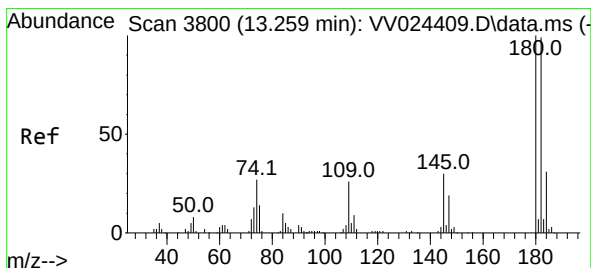
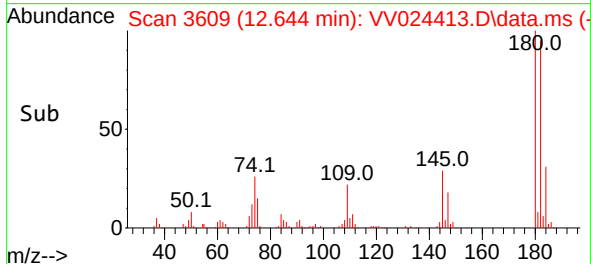
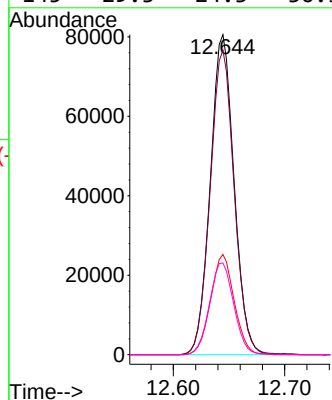
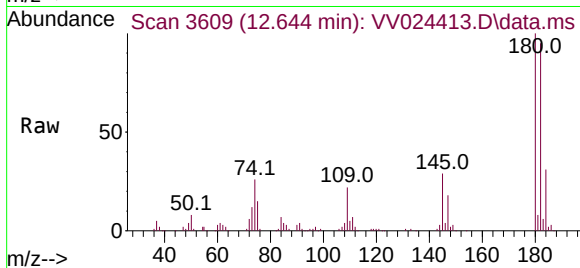
Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.2

184 31.0 24.7 37.1

145 29.3 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 46.296 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024413.D

Acq: 20 Jan 2022 13:40

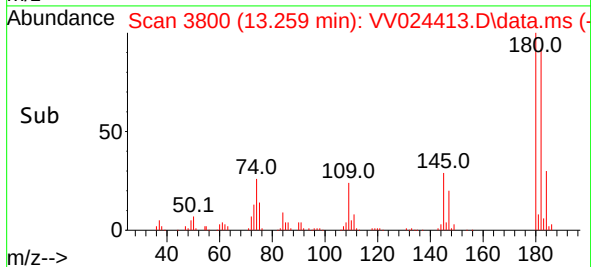
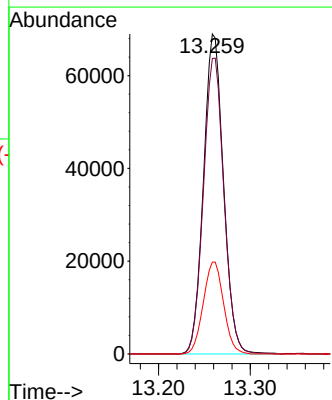
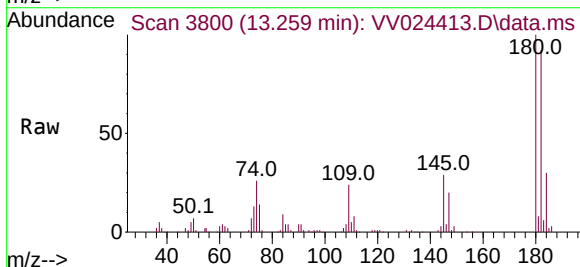
Tgt Ion:180 Resp: 104590

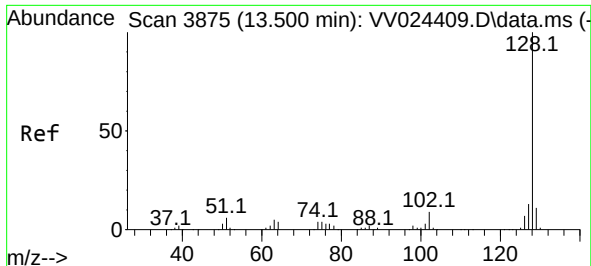
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 29.1 23.9 35.9

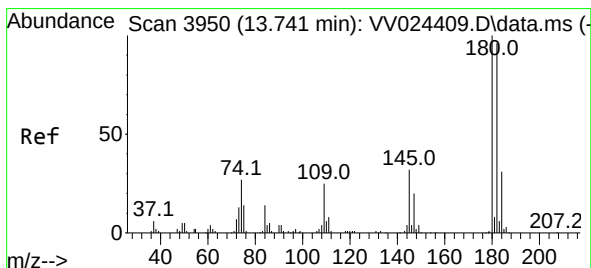
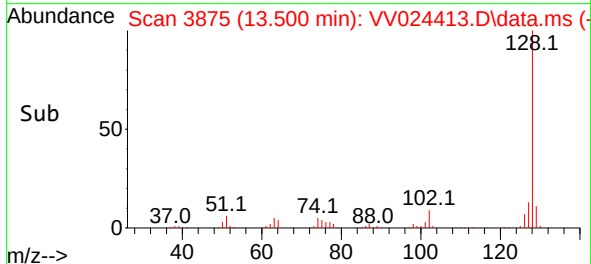
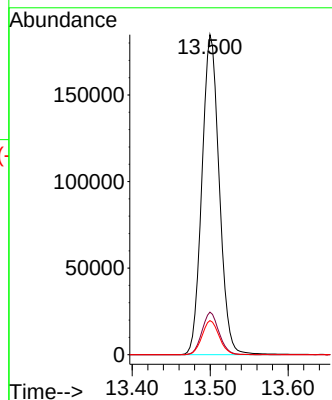
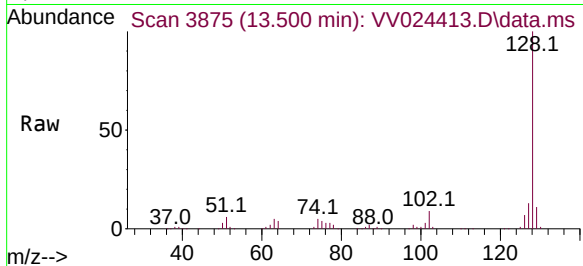




#71
Naphthalene
Concen: 43.665 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Instrument :
MSVOA_V
ClientSampleId :
GBCM0MSD

Tgt Ion:128 Resp: 285400
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 45.022 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024413.D
Acq: 20 Jan 2022 13:40

Tgt Ion:180 Resp: 105122
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 31.6 25.0 37.4

