

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052577.D
 Acq On : 27 Dec 2022 20:09
 Operator : JC/MD
 Sample : N6171-14MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD1MS

Quant Time: Dec 28 01:25:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189365	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	177747	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	94568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58384	3.043	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.916	69	58006	3.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.565	65	27953	3.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.629	46	325962	54.791	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.580%
24) Chloroform-d	5.060	84	135855	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.697	65	81058	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.723	84	267855	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.687	67	95965	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.893	98	232717	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.176	79	35260	4.909	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.629	63	244228	62.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.280%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91034	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	87476	4.543	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	70545	4.187	ug/L	99
3) Chloromethane	1.520	50	108081	4.444	ug/L	100
5) Vinyl chloride	1.604	62	94886	4.304	ug/L	95
6) Bromomethane	1.858	94	40994	3.262	ug/L	98
8) Chloroethane	1.935	64	60045	3.976	ug/L	98
9) Trichlorofluoromethane	2.141	101	108196	4.340	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	63672	4.297	ug/L	99
12) 1,1-Dichloroethene	2.581	96	60329	4.254	ug/L	91
13) Acetone	2.652	43	183999	41.954	ug/L	99
14) Carbon disulfide	2.794	76	193909	4.243	ug/L	100
15) Methyl Acetate	2.958	43	48610	5.031	ug/L	100
16) Methylene chloride	3.044	84	83023	4.144	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	187941	4.964	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	65530	4.483	ug/L	97
19) 1,1-Dichloroethane	3.864	63	145056	4.563	ug/L	99
21) 2-Butanone	4.710	43	320510	49.621	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	77129	4.808	ug/L	96
23) Bromochloromethane	4.970	128	36298	4.883	ug/L	93
25) Chloroform	5.083	83	136457	4.431	ug/L	96

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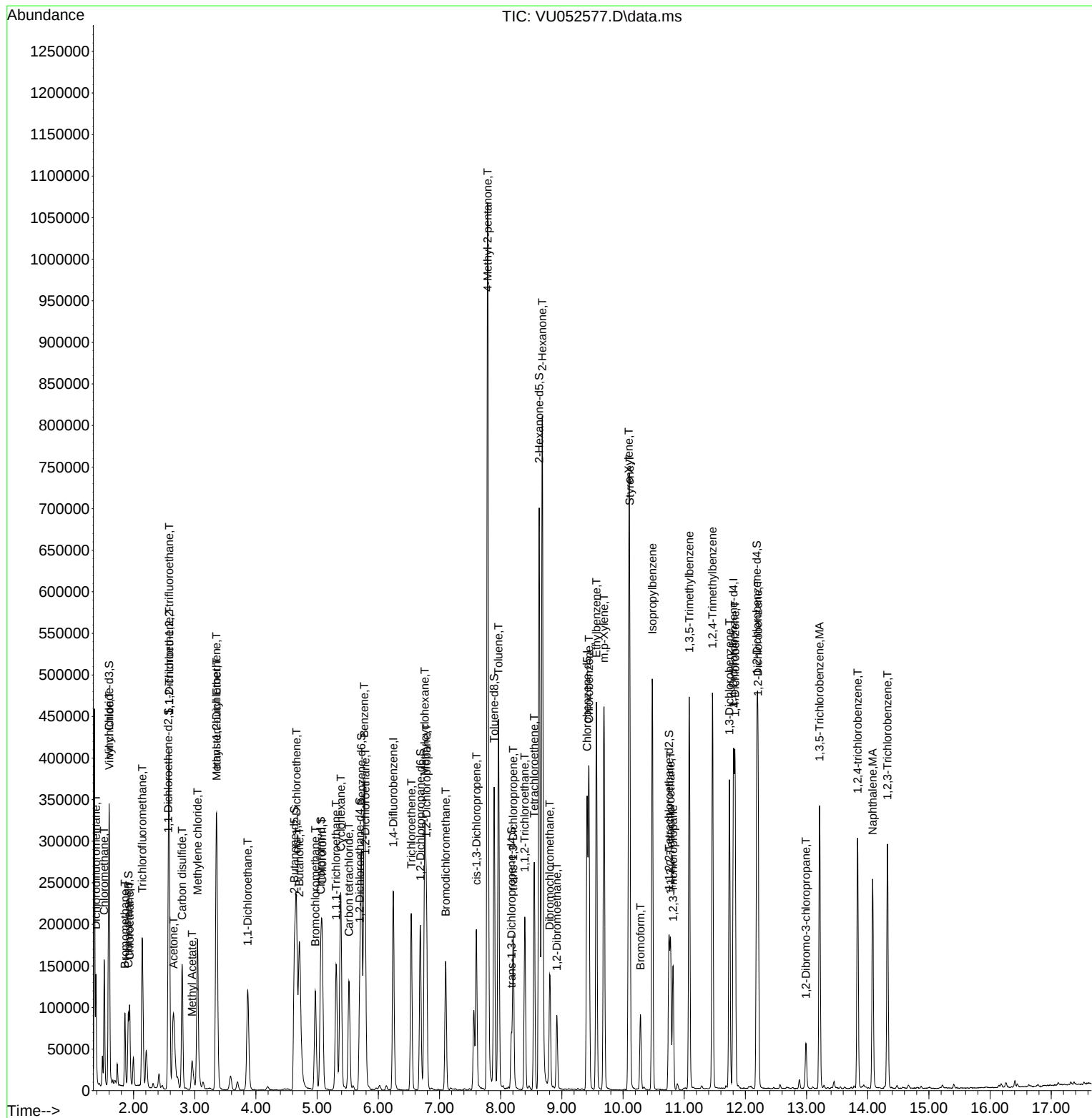
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	98915	4.649	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	107127	4.788	ug/L	99
30) Cyclohexane	5.388	56	124904	5.167	ug/L	97
31) Carbon tetrachloride	5.520	117	87944	4.474	ug/L	98
33) Benzene	5.771	78	309769	4.838	ug/L	100
34) Trichloroethene	6.539	95	73633	4.920	ug/L	99
35) Methylcyclohexane	6.761	83	112364	4.979	ug/L	97
37) 1,2-Dichloropropane	6.787	63	87498	4.898	ug/L	100
38) Bromodichloromethane	7.102	83	102662	4.721	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	115124	5.088	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	732798	56.131	ug/L	98
42) Toluene	7.964	91	310713	5.062	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	104795	5.256	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	62012	4.901	ug/L	98
47) Tetrachloroethene	8.549	164	58071	5.558	ug/L	97
48) 2-Hexanone	8.681	43	534544	54.319	ug/L	99
49) Dibromochloromethane	8.803	129	67981	5.074	ug/L	96
50) 1,2-Dibromoethane	8.919	107	58128	5.054	ug/L	100
51) Chlorobenzene	9.443	112	191427	4.883	ug/L	97
52) Ethylbenzene	9.565	91	317579	4.999	ug/L	99
53) m,p-Xylene	9.690	106	128635	5.491	ug/L	94
54) o-Xylene	10.095	106	128707	5.732	ug/L	99
55) Styrene	10.108	104	207676	5.316	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	89547	5.119	ug/L	99
59) Bromoform	10.285	173	37992	4.573	ug/L	99
60) Isopropylbenzene	10.478	105	303673	4.954	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	65099	4.800	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	247531	4.897	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	251953	4.951	ug/L	100
64) 1,3-Dichlorobenzene	11.739	146	143845	4.730	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	145249	4.618	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	138656	4.614	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	15087	4.914	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	99823	4.458	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	87218	4.629	ug/L	98
71) Naphthalene	14.079	128	194691	5.106	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	85913	4.549	ug/L	99

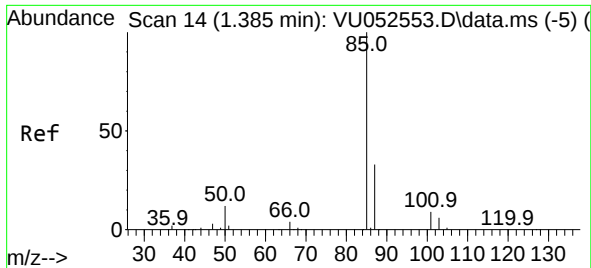
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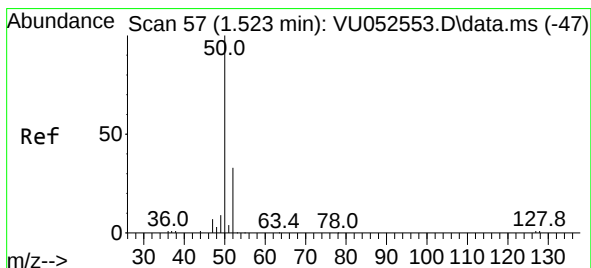
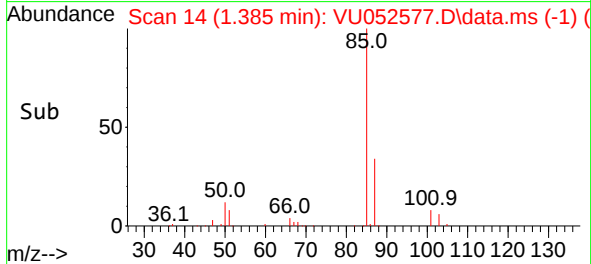
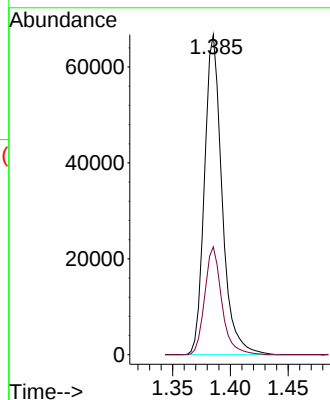
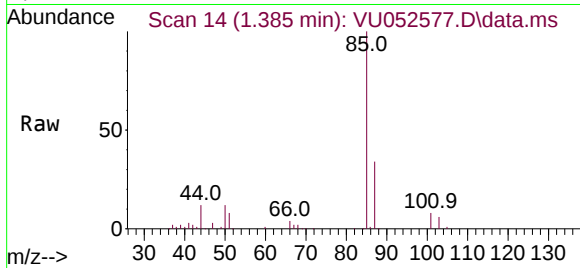




#2
Dichlorodifluoromethane
Concen: 4.187 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

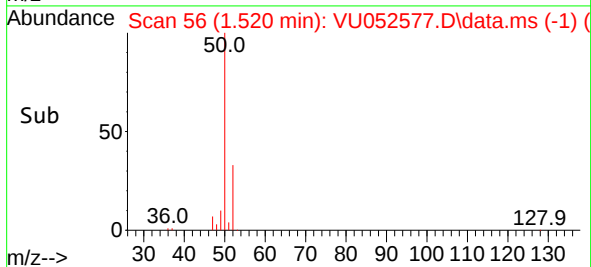
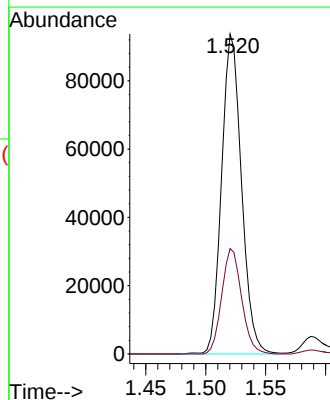
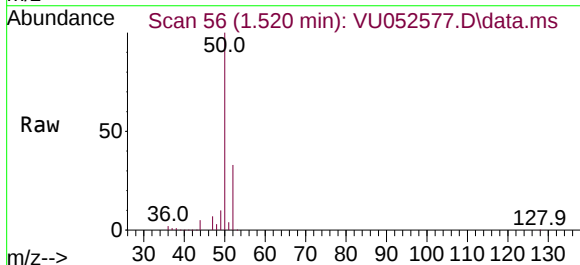
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MSVOA_U
ClientSampleId :
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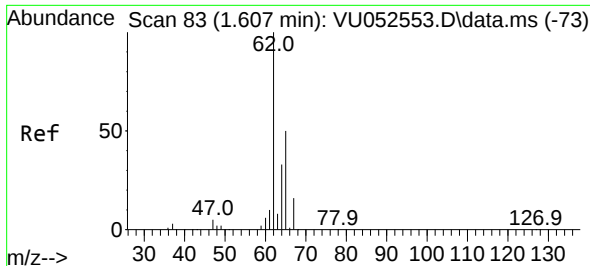
Tgt Ion: 85 Resp: 70545
Ion Ratio Lower Upper
85 100
87 32.8 25.6 38.4



#3
Chloromethane
Concen: 4.444 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion: 50 Resp: 108081
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.6

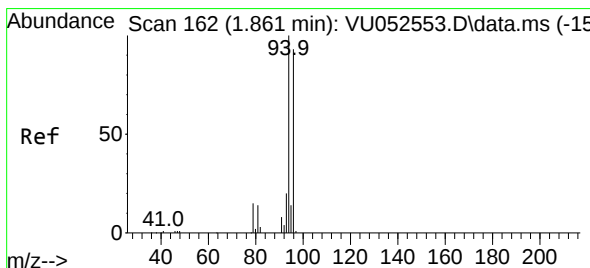
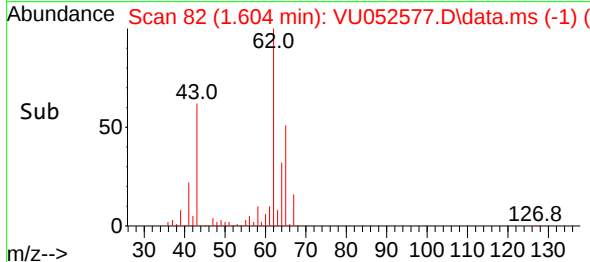
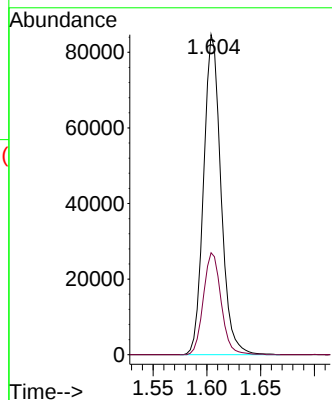
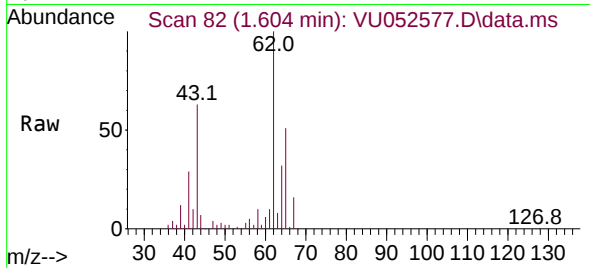




#5
 Vinyl chloride
 Concen: 4.304 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU052577.D
 Acq: 27 Dec 2022 20:09

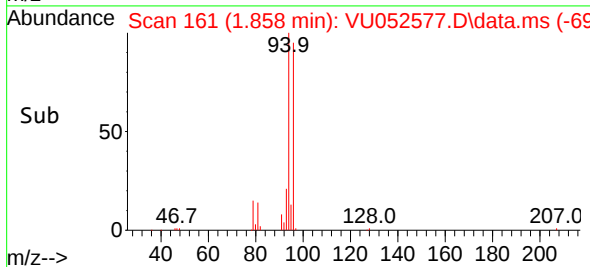
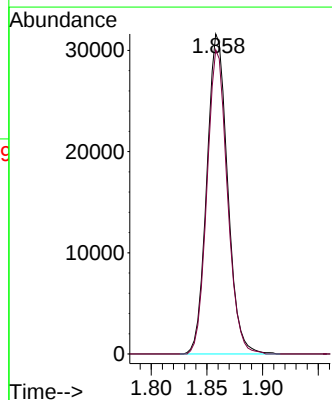
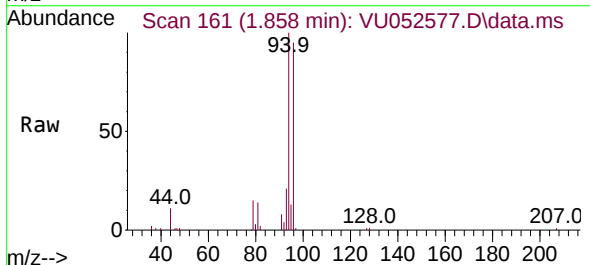
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 ClientSampleId :
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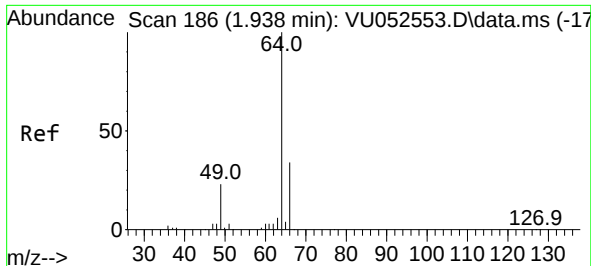
Tgt Ion: 62 Resp: 94886
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.4 45.4



#6
 Bromomethane
 Concen: 3.262 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU052577.D
 Acq: 27 Dec 2022 20:09

Tgt Ion: 94 Resp: 40994
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.0 120.8

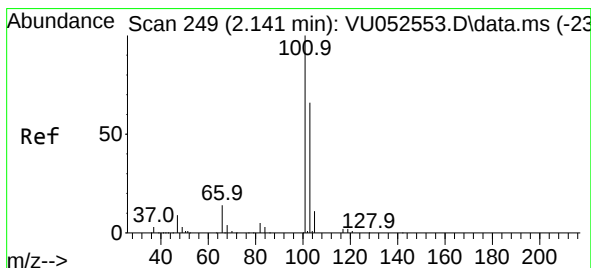
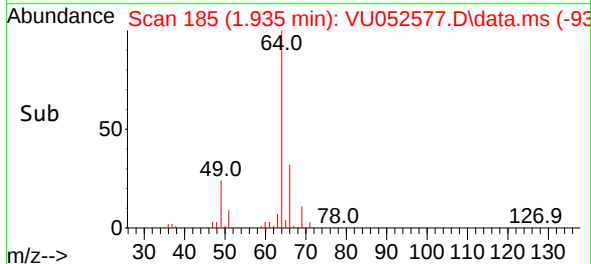
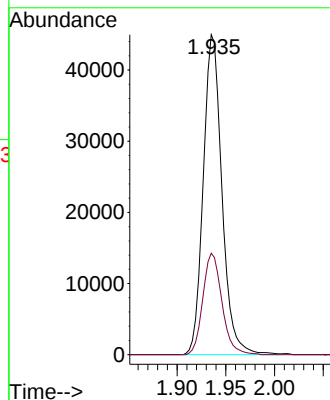
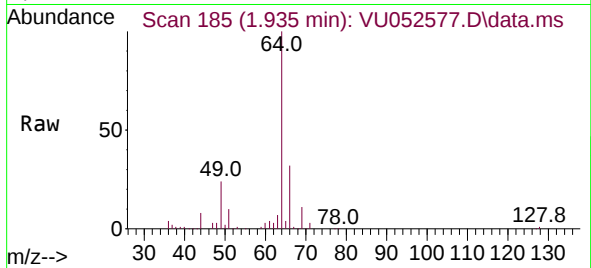




#8
Chloroethane
Concen: 3.976 ug/L
RT: 1.935 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

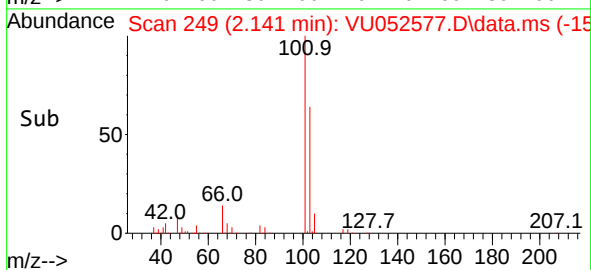
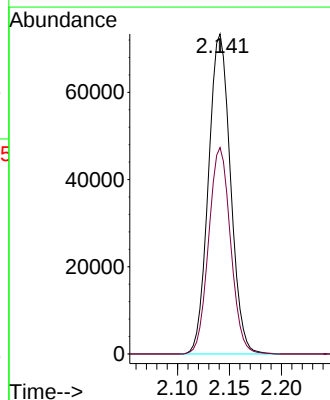
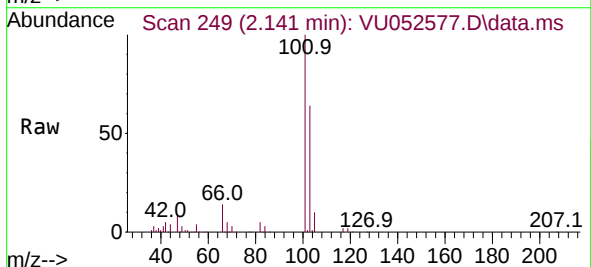
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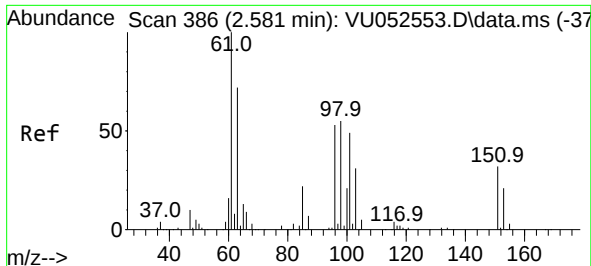
Tgt Ion: 64 Resp: 60045
Ion Ratio Lower Upper
64 100
66 31.7 21.3 39.5



#9
Trichlorofluoromethane
Concen: 4.340 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion:101 Resp: 108196
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0

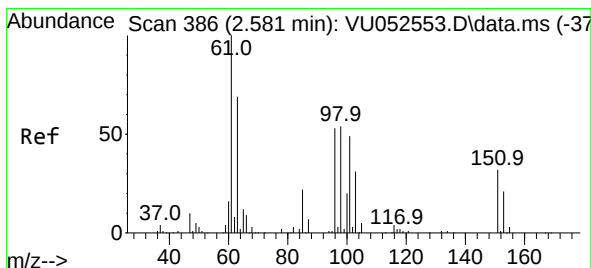
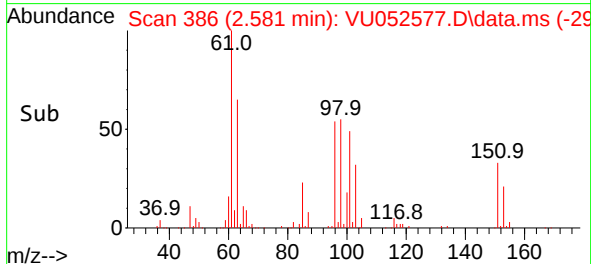
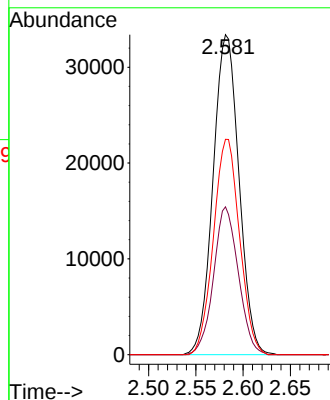
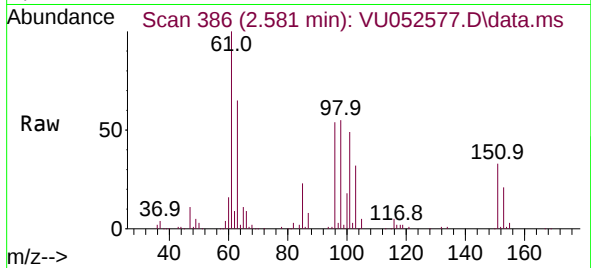




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.297 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052577.D
 Acq: 27 Dec 2022 20:09

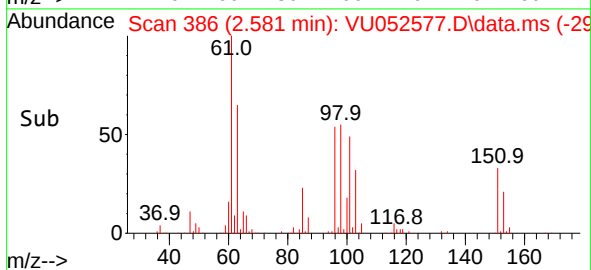
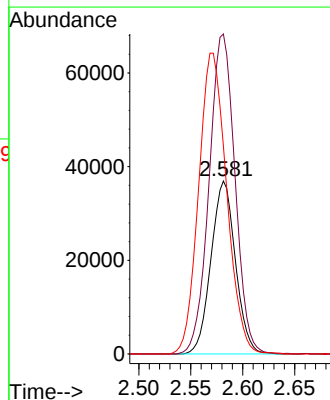
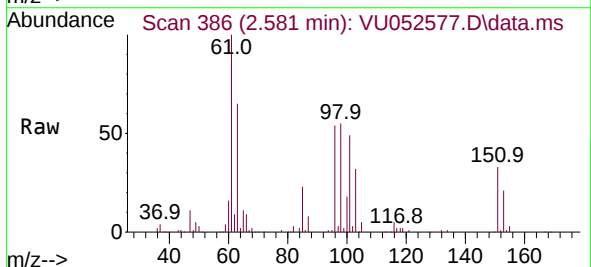
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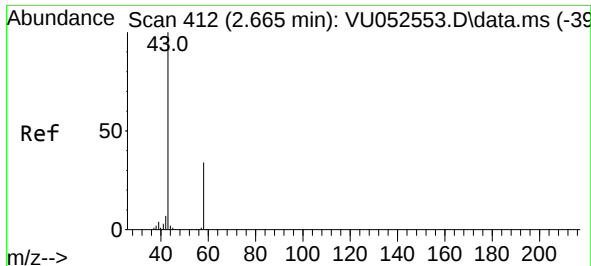
Tgt Ion: 101 Resp: 63672
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.8 53.6
 151 67.8 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 4.254 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052577.D
 Acq: 27 Dec 2022 20:09

Tgt Ion: 96 Resp: 60329
 Ion Ratio Lower Upper
 96 100
 61 185.1 135.4 251.4
 63 120.3 95.4 177.2





#13

Acetone

Concen: 41.954 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.013 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

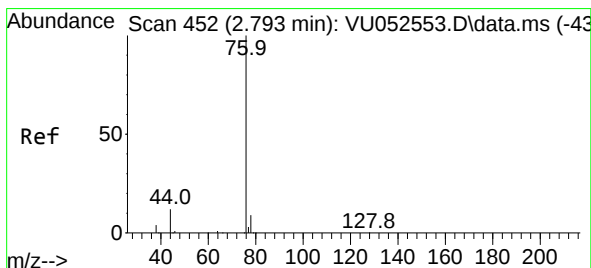
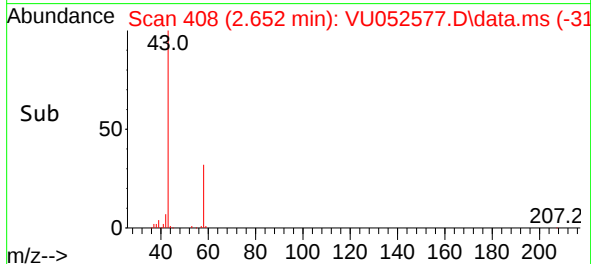
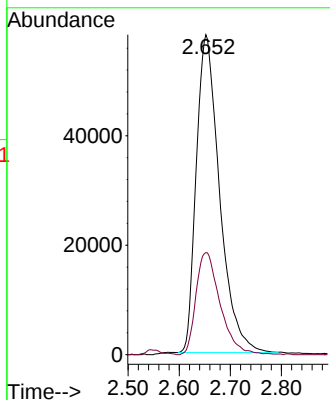
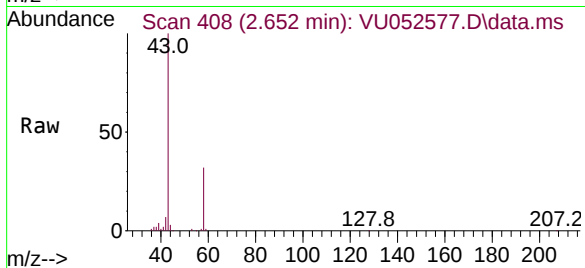
GBQD1MS

Tgt Ion: 43 Resp: 183999

Ion Ratio Lower Upper

43 100

58 33.3 0.0 65.4



#14

Carbon disulfide

Concen: 4.243 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052577.D

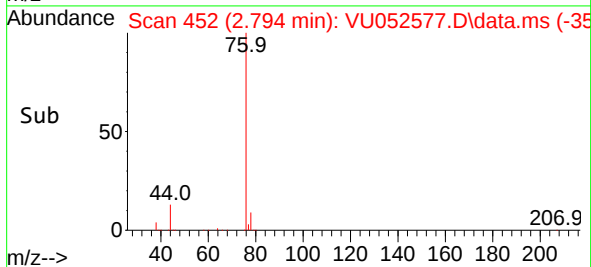
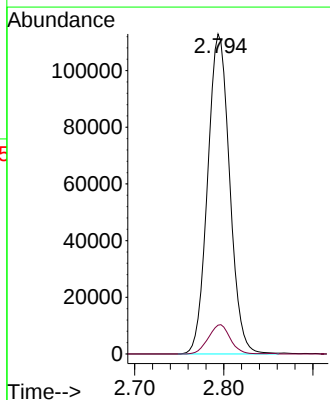
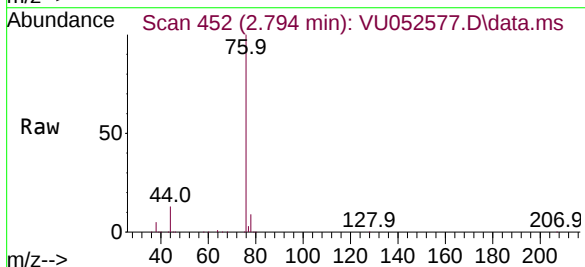
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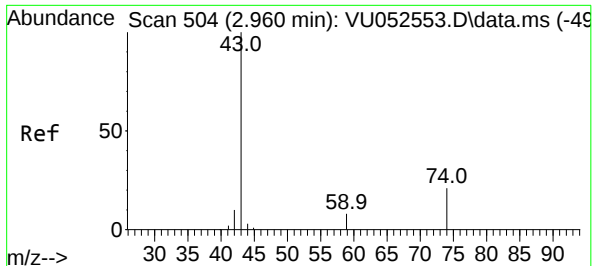
Tgt Ion: 76 Resp: 193909

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

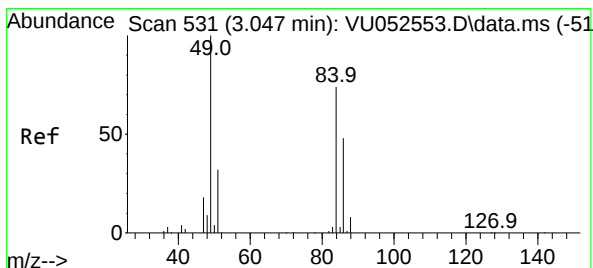
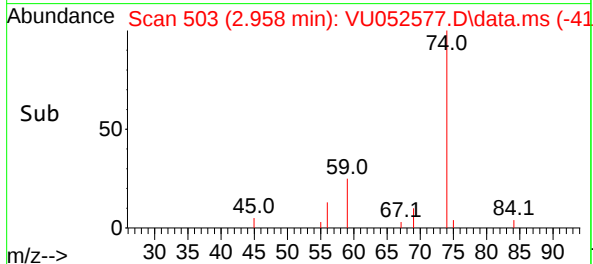
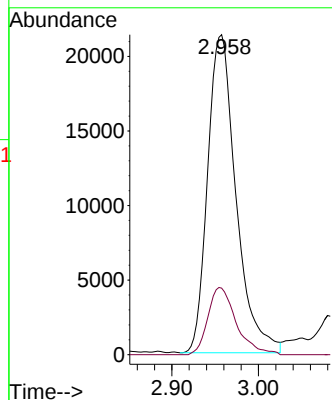
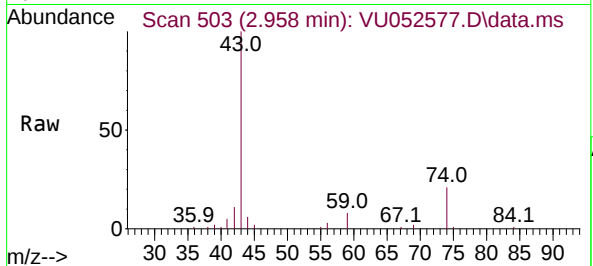




#15
Methyl Acetate
Concen: 5.031 ug/L
RT: 2.958 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

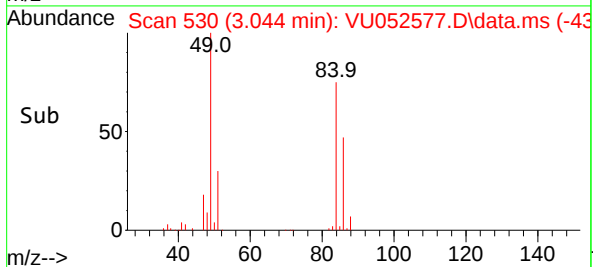
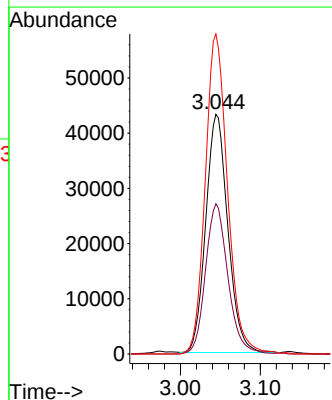
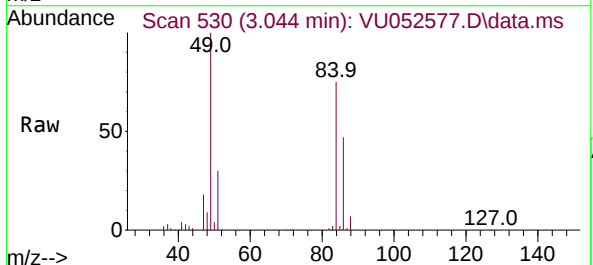
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

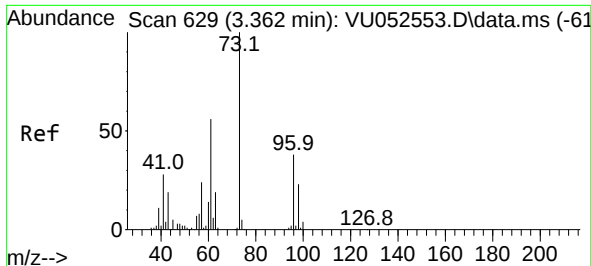
Tgt Ion: 43 Resp: 48610
Ion Ratio Lower Upper
43 100
74 21.1 16.9 25.3



#16
Methylene chloride
Concen: 4.144 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion: 84 Resp: 83023
Ion Ratio Lower Upper
84 100
86 62.7 44.7 83.1
49 133.5 93.3 173.3





#17

Methyl tert-butyl Ether

Concen: 4.964 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MS

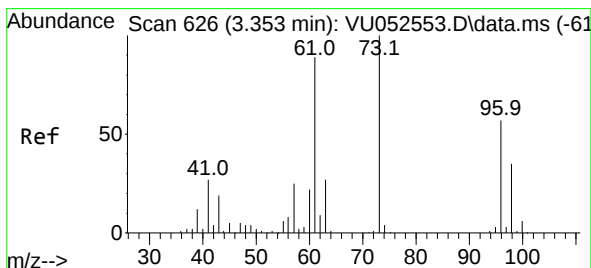
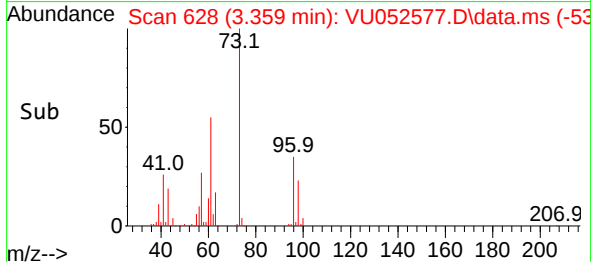
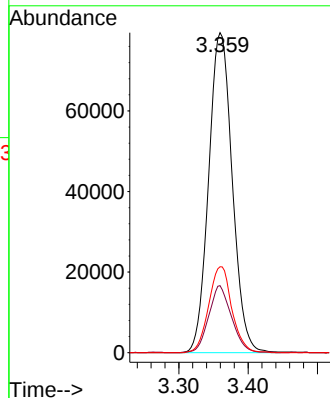
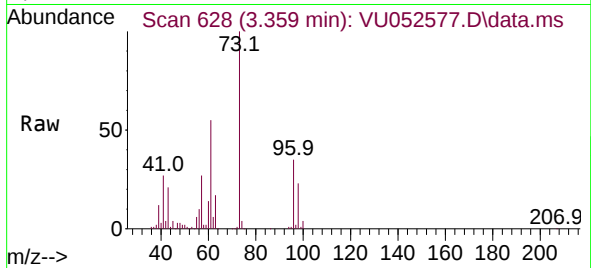
Tgt Ion: 73 Resp: 187941

Ion Ratio Lower Upper

73 100

43 20.2 16.1 24.1

57 26.4 19.2 28.8



#18

trans-1,2-Dichloroethene

Concen: 4.483 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

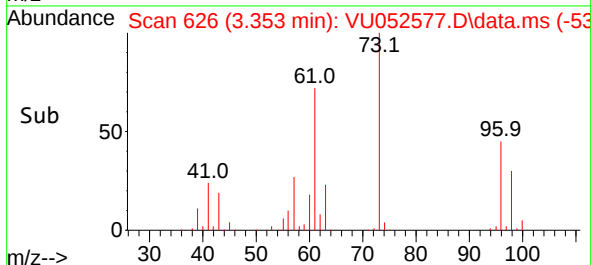
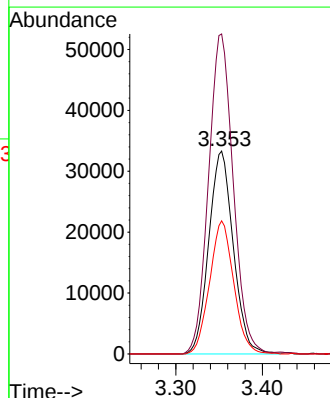
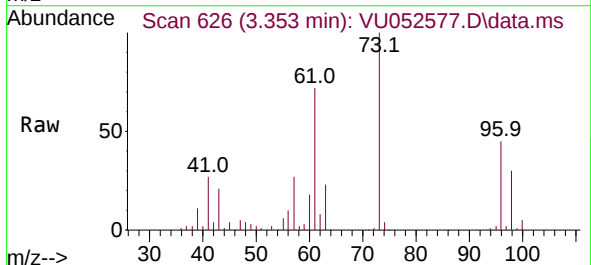
Tgt Ion: 96 Resp: 65530

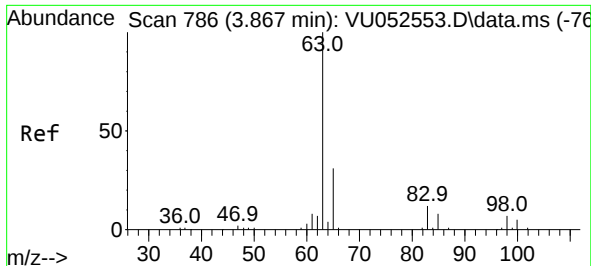
Ion Ratio Lower Upper

96 100

61 157.7 108.3 201.1

98 65.6 44.0 81.6





#19

1,1-Dichloroethane

Concen: 4.563 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MS

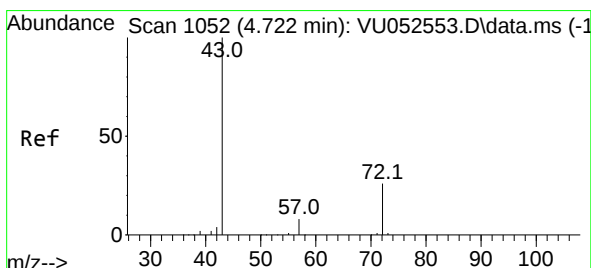
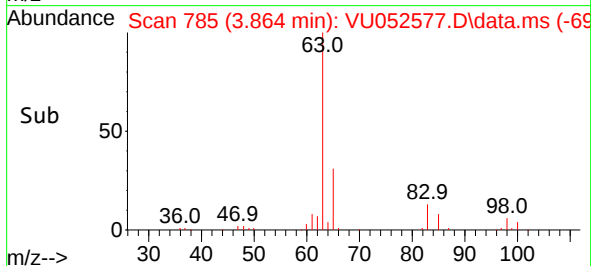
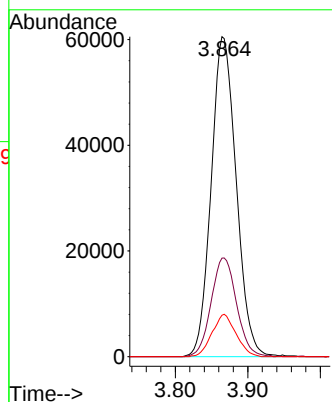
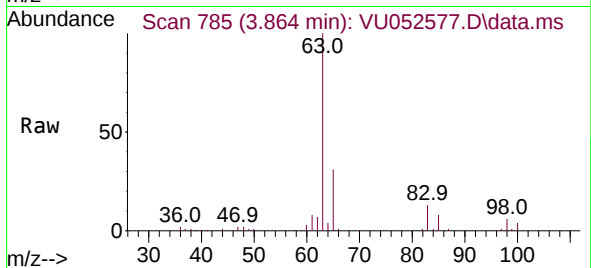
Tgt Ion: 63 Resp: 145056

Ion Ratio Lower Upper

63 100

65 30.8 22.0 40.8

83 13.0 9.0 16.8



#21

2-Butanone

Concen: 49.621 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.013 min

Lab File: VU052577.D

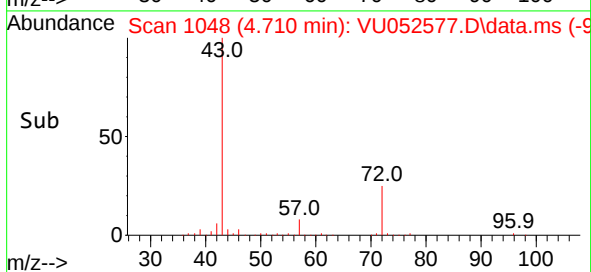
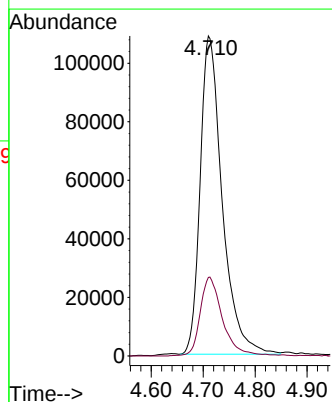
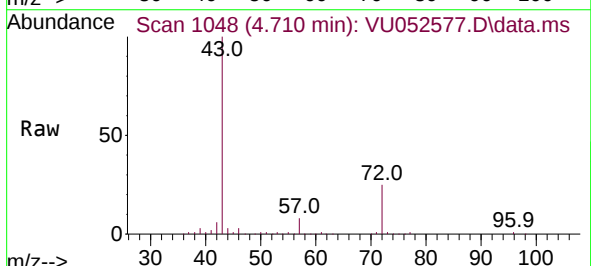
Acq: 27 Dec 2022 20:09

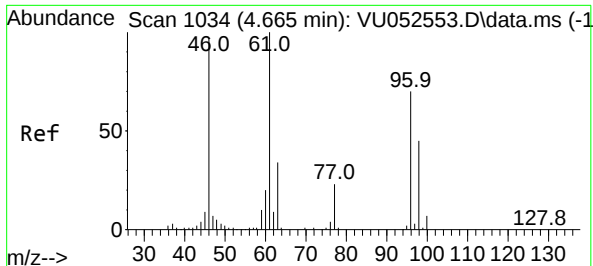
Tgt Ion: 43 Resp: 320510

Ion Ratio Lower Upper

43 100

72 25.1 11.6 34.7





#22

cis-1,2-Dichloroethene

Concen: 4.808 ug/L

RT: 4.662 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MS

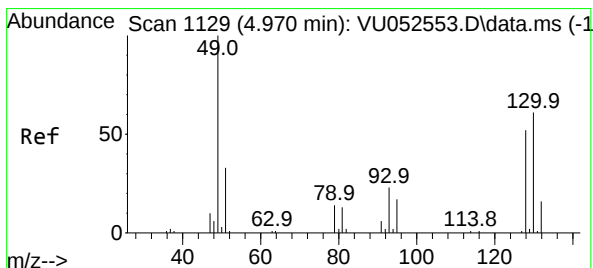
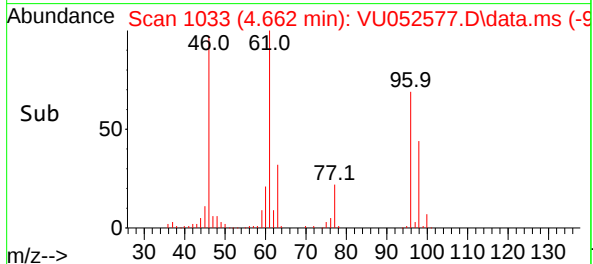
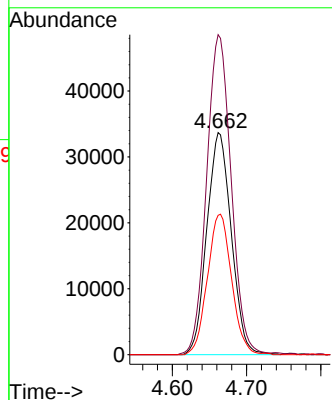
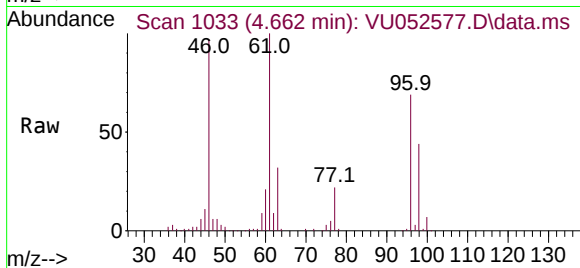
Tgt Ion: 96 Resp: 77129

Ion Ratio Lower Upper

96 100

61 144.1 96.9 180.1

98 62.7 44.7 83.1



#23

Bromochloromethane

Concen: 4.883 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Tgt Ion:128 Resp: 36298

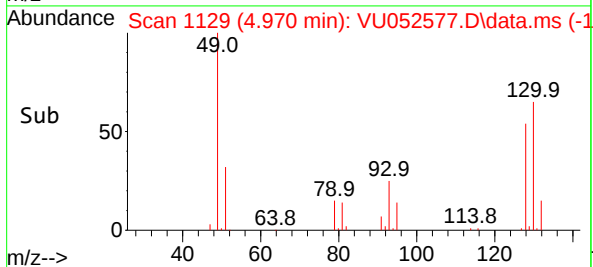
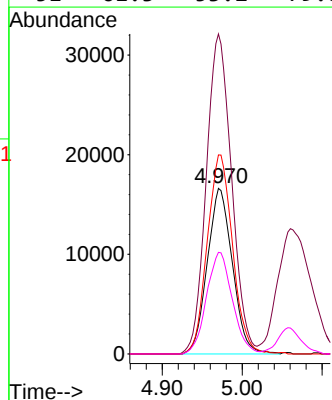
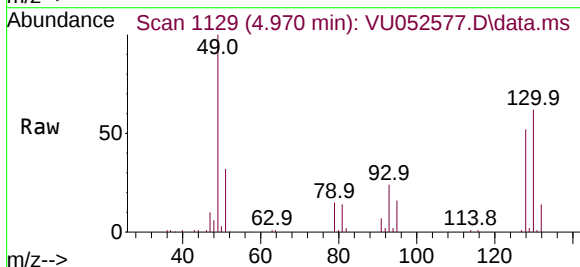
Ion Ratio Lower Upper

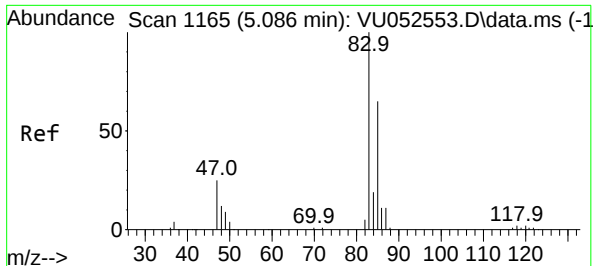
128 100

49 193.2 143.3 266.1

130 120.2 88.4 164.2

51 61.3 53.2 79.8





#25

Chloroform

Concen: 4.431 ug/L

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

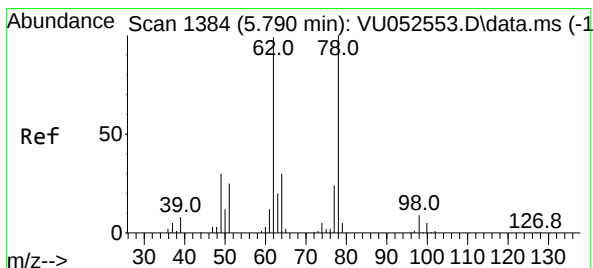
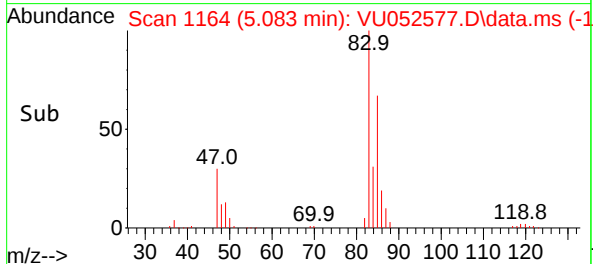
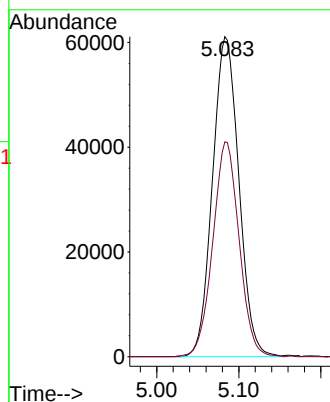
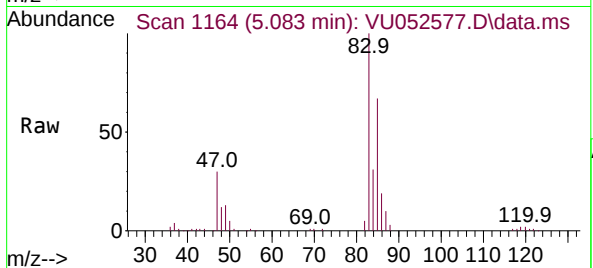
GBQD1MS

Tgt Ion: 83 Resp: 136457

Ion Ratio Lower Upper

83 100

85 67.1 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.649 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU052577.D

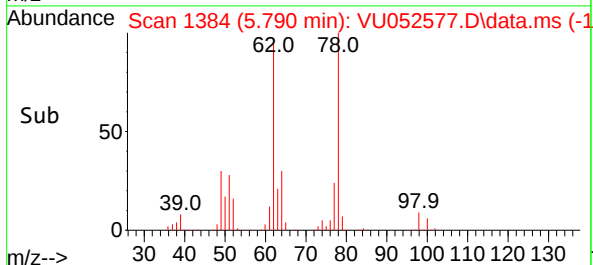
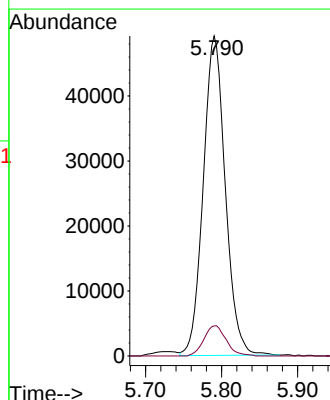
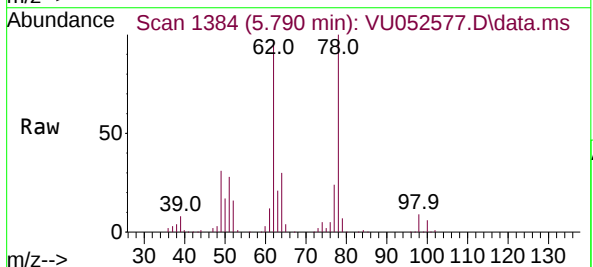
Acq: 27 Dec 2022 20:09

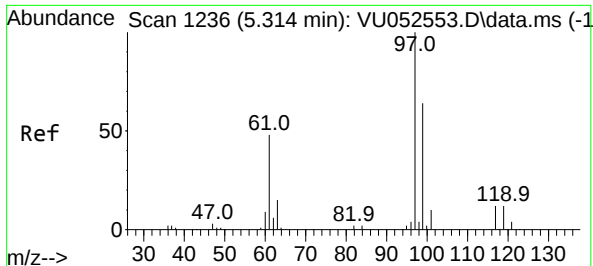
Tgt Ion: 62 Resp: 98915

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.788 ug/L

RT: 5.311 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MS

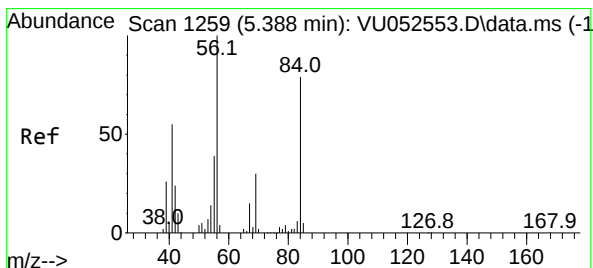
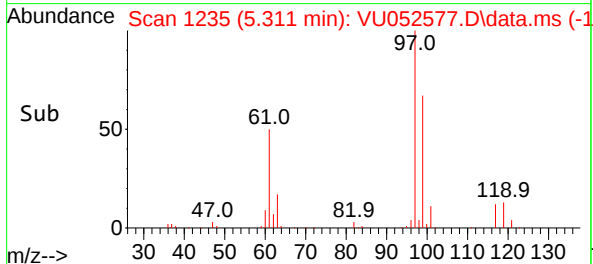
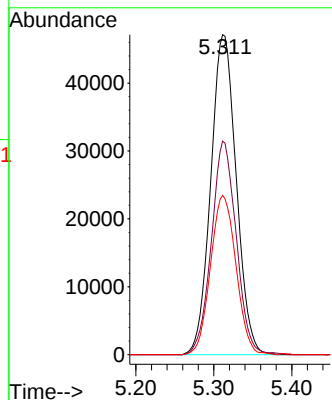
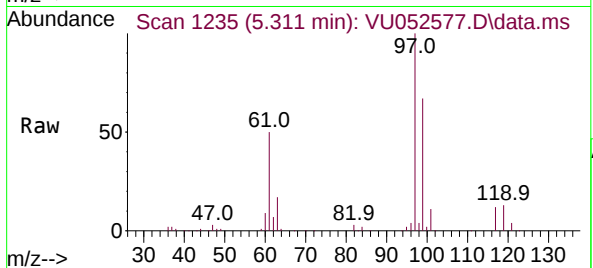
Tgt Ion: 97 Resp: 107127

Ion Ratio Lower Upper

97 100

99 65.1 52.2 78.2

61 49.8 41.6 62.4



#30

Cyclohexane

Concen: 5.167 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

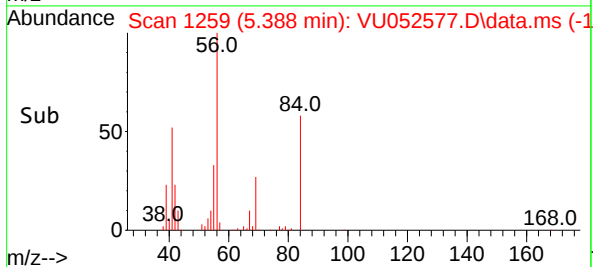
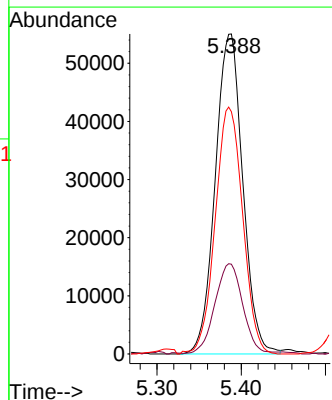
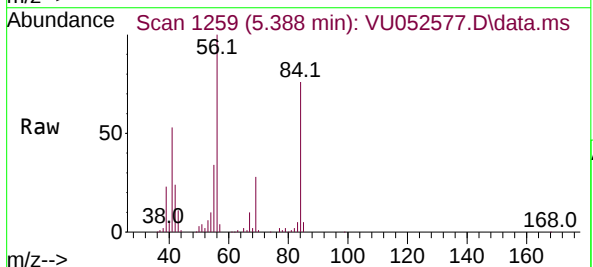
Tgt Ion: 56 Resp: 124904

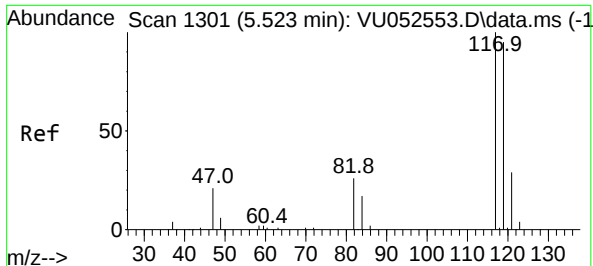
Ion Ratio Lower Upper

56 100

69 28.0 23.0 34.6

84 77.0 64.4 96.6

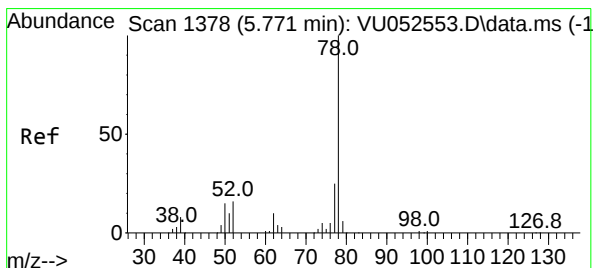
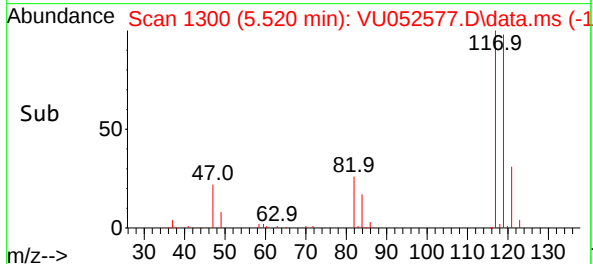
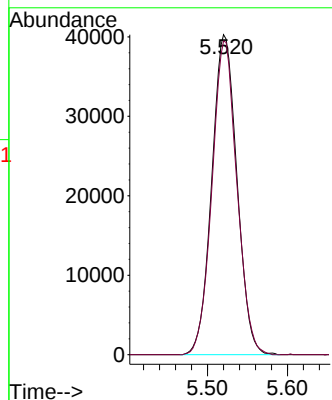
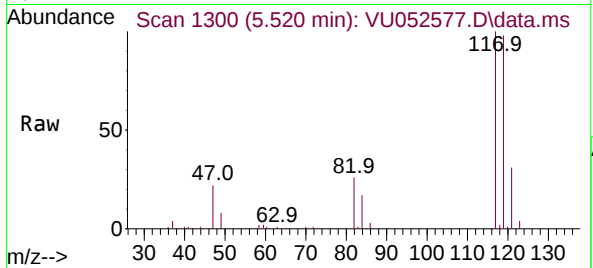




#31
Carbon tetrachloride
Concen: 4.474 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

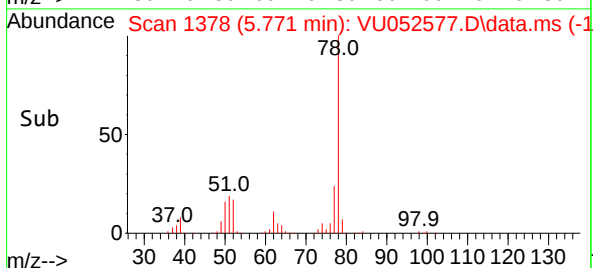
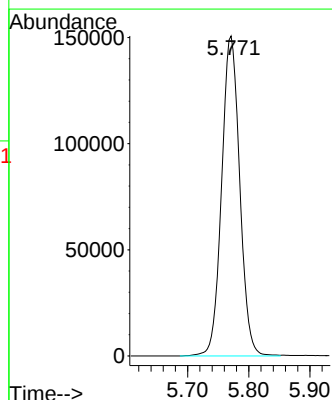
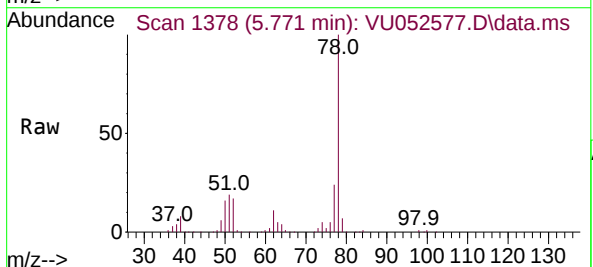
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

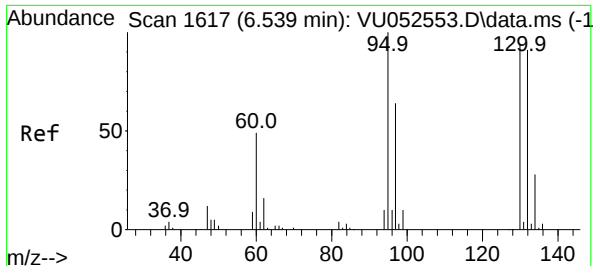
Tgt Ion:117 Resp: 87944
Ion Ratio Lower Upper
117 100
119 97.0 76.3 114.5



#33
Benzene
Concen: 4.838 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion: 78 Resp: 309769

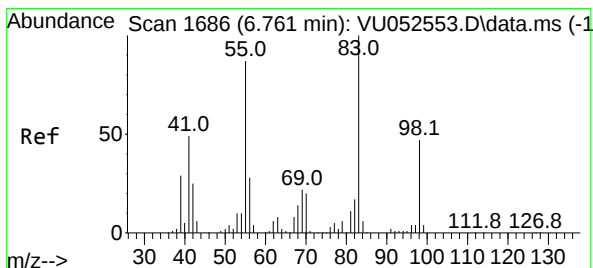
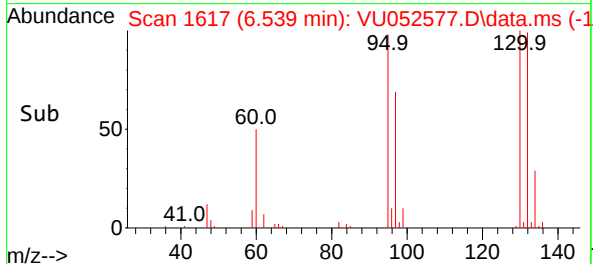
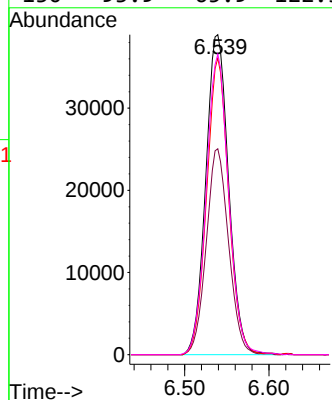
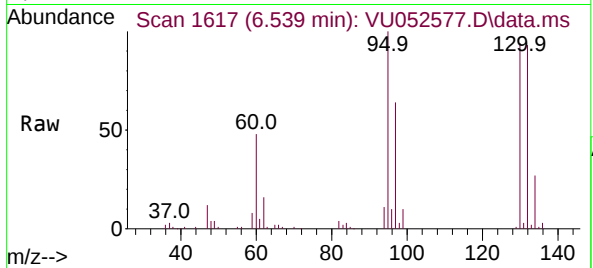




#34
Trichloroethene
Concen: 4.920 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

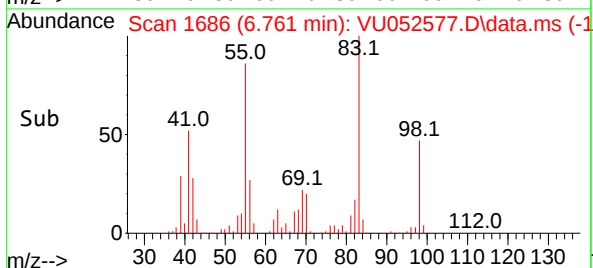
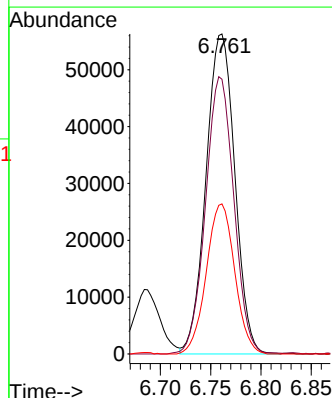
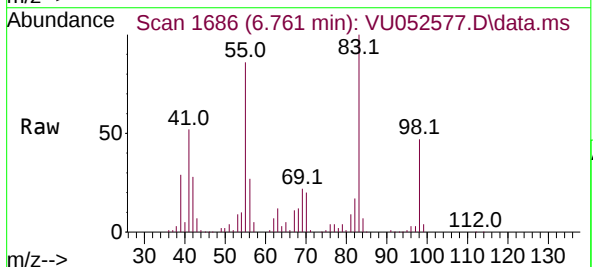
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

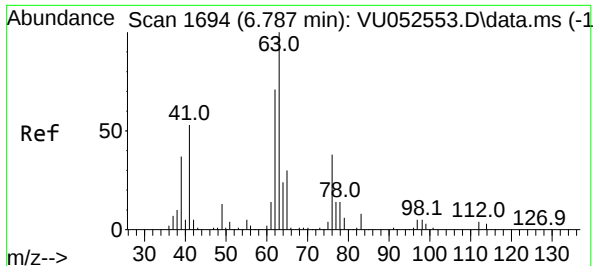
Tgt Ion: 95 Resp: 73633
Ion Ratio Lower Upper
95 100
97 64.4 46.3 86.1
132 92.7 63.9 118.7
130 93.9 65.9 122.5



#35
Methylcyclohexane
Concen: 4.979 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion: 83 Resp: 112364
Ion Ratio Lower Upper
83 100
55 85.2 71.4 107.0
98 46.2 36.5 54.7

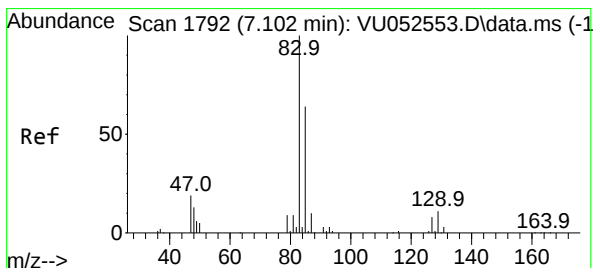
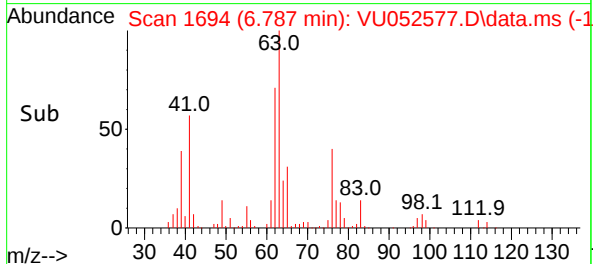
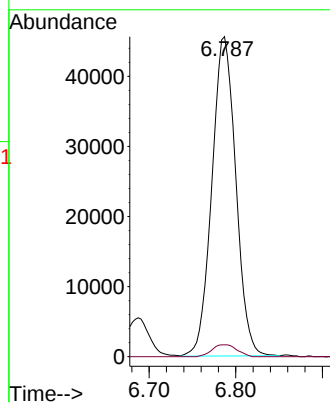
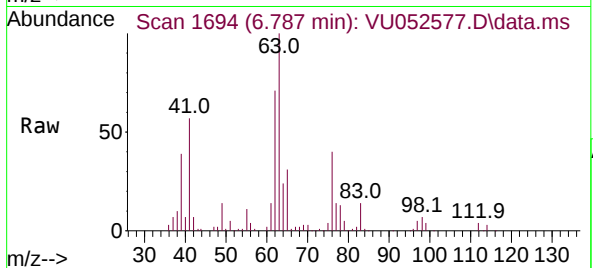




#37
1,2-Dichloropropane
Concen: 4.898 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

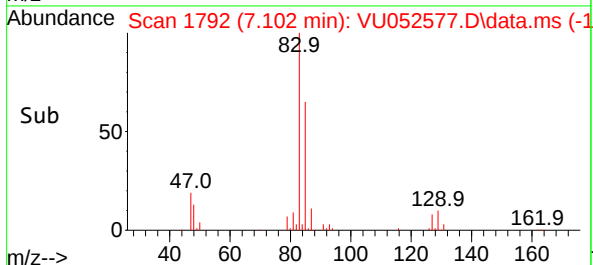
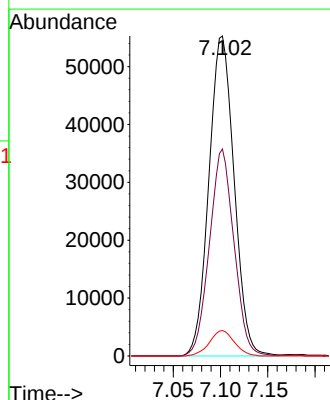
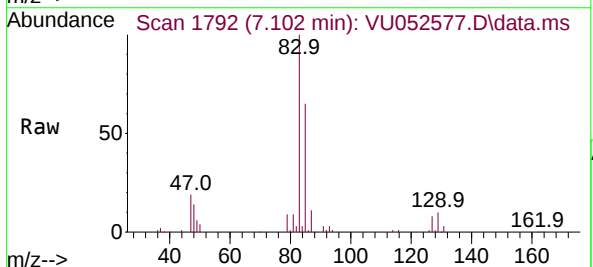
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

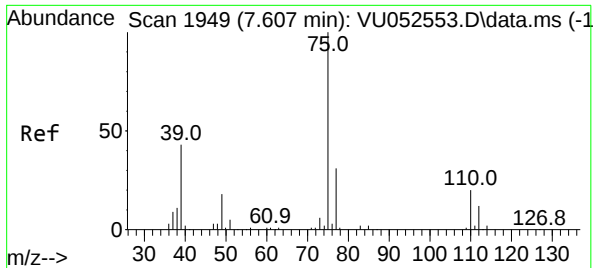
Tgt Ion: 63 Resp: 87498
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.6



#38
Bromodichloromethane
Concen: 4.721 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion: 83 Resp: 102662
Ion Ratio Lower Upper
83 100
85 64.7 45.2 84.0
127 7.9 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 5.088 ug/L

RT: 7.604 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

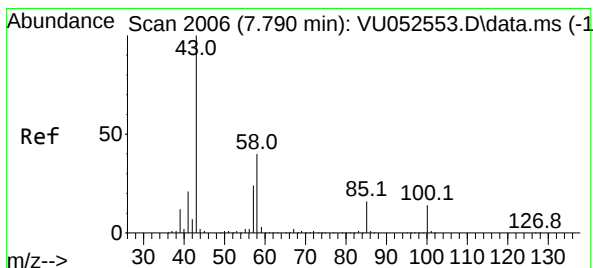
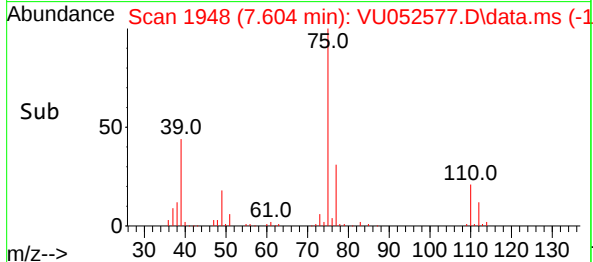
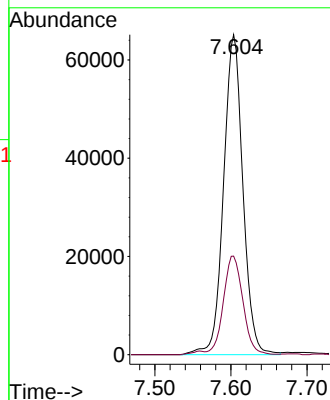
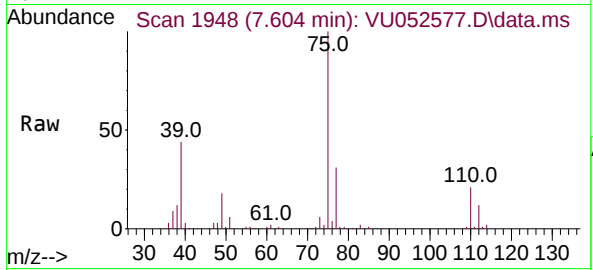
GBQD1MS

Tgt Ion: 75 Resp: 115124

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 56.131 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

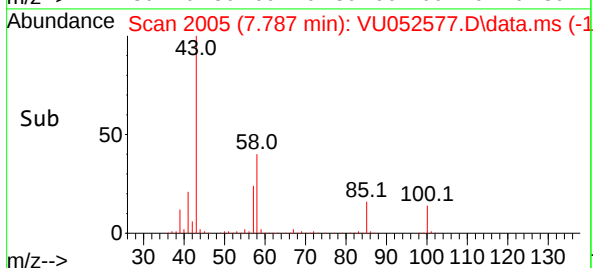
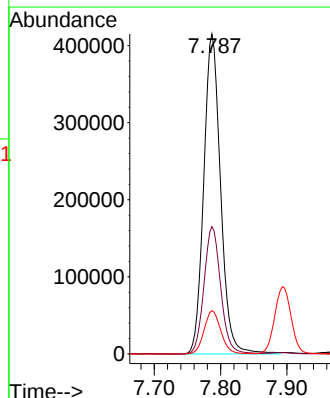
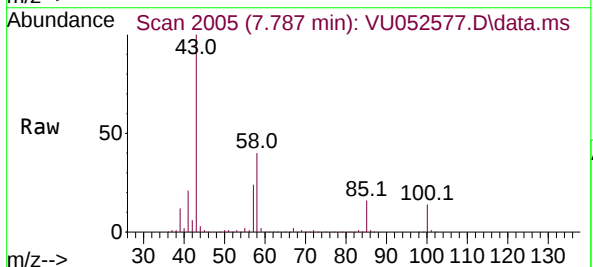
Tgt Ion: 43 Resp: 732798

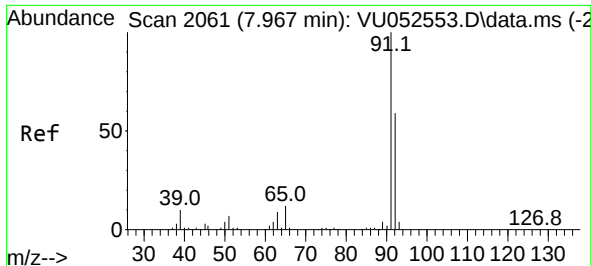
Ion Ratio Lower Upper

43 100

58 39.5 30.6 45.8

100 13.5 10.4 15.6





#42

Toluene

Concen: 5.062 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

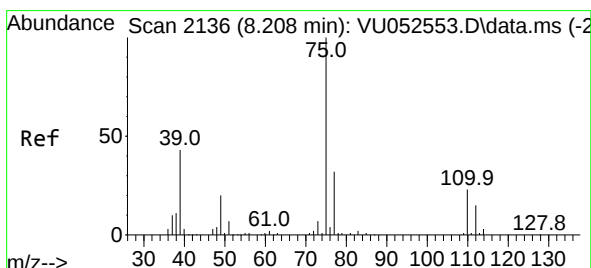
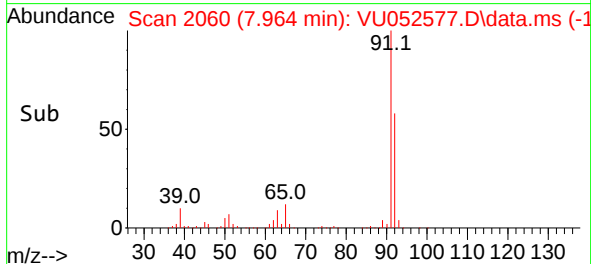
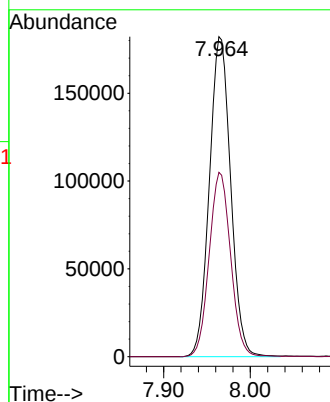
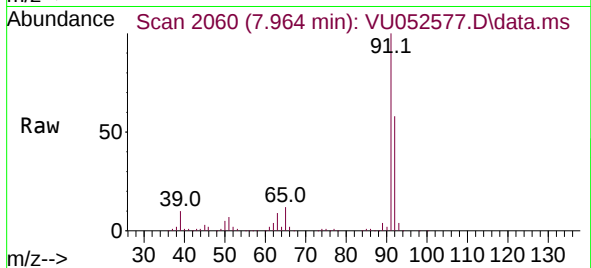
GBQD1MS

Tgt Ion: 91 Resp: 310713

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.256 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.003 min

Lab File: VU052577.D

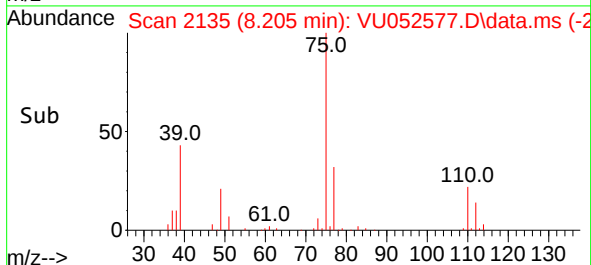
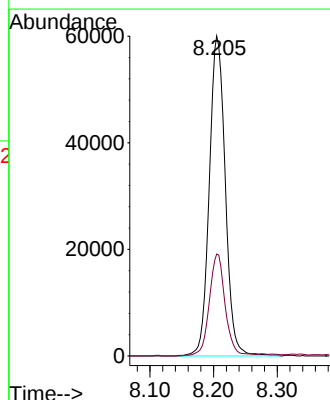
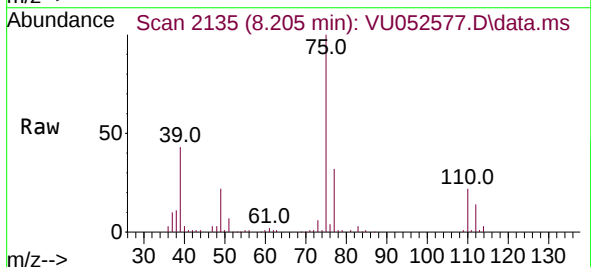
Acq: 27 Dec 2022 20:09

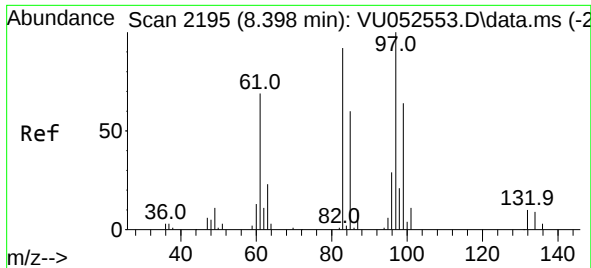
Tgt Ion: 75 Resp: 104795

Ion Ratio Lower Upper

75 100

77 31.9 22.8 42.4



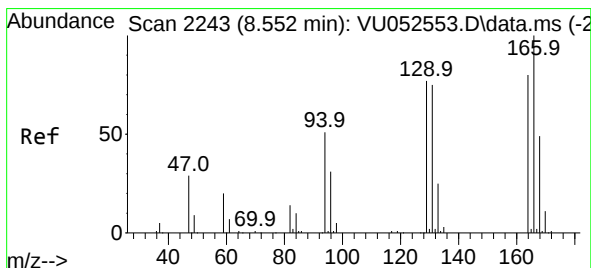
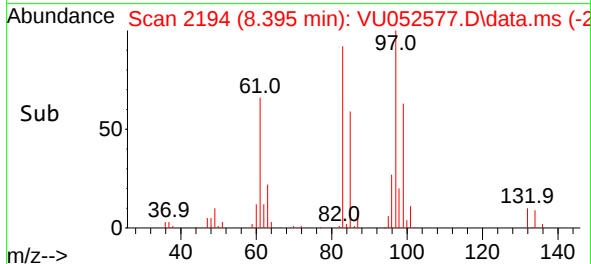
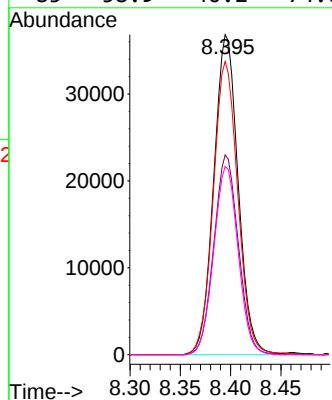
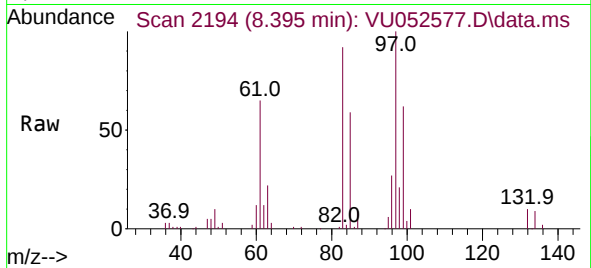


#45
1,1,2-Trichloroethane
Concen: 4.901 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

Tgt Ion: 97 Resp: 62012

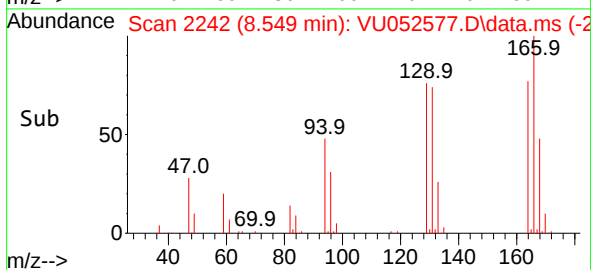
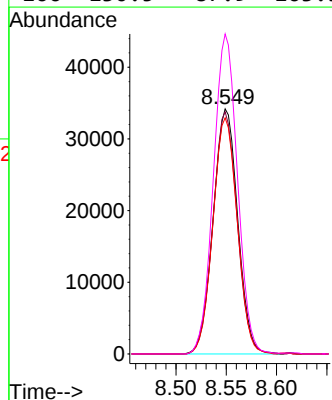
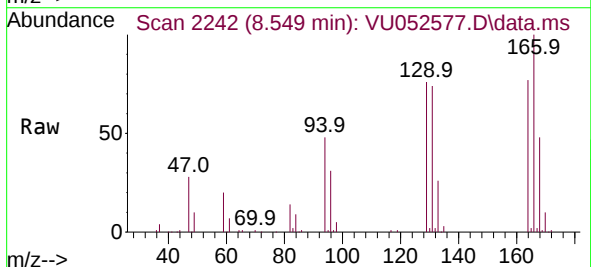
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.0	78.0
83	91.6	63.2	117.4
85	58.9	40.2	74.6

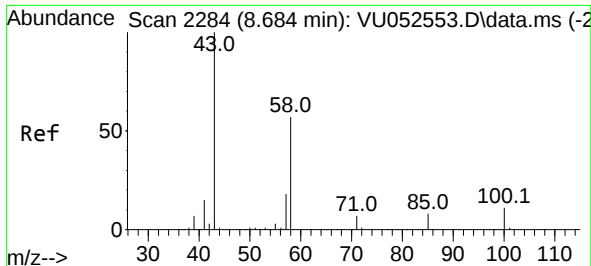


#47
Tetrachloroethene
Concen: 5.558 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion: 164 Resp: 58071

Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.1	126.5
131	96.3	66.5	123.5
166	130.5	87.9	163.3

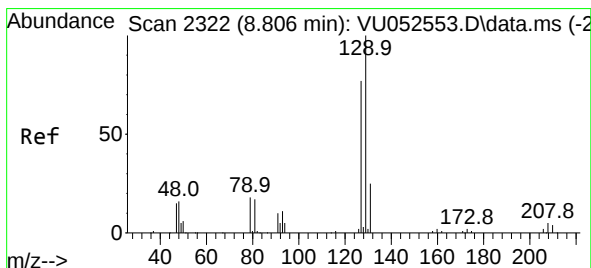
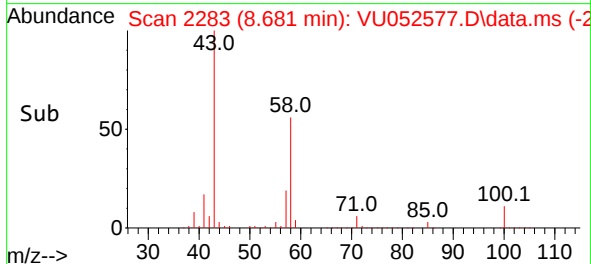
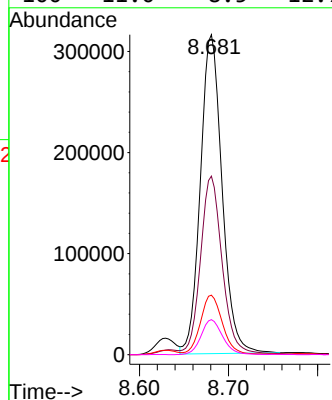
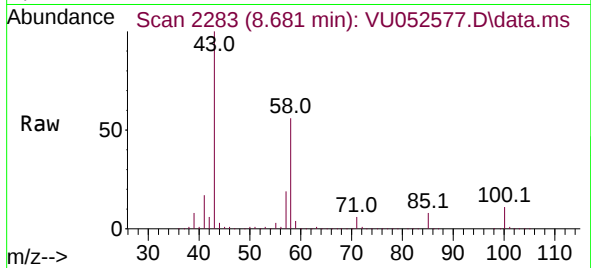




#48
2-Hexanone
Concen: 54.319 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

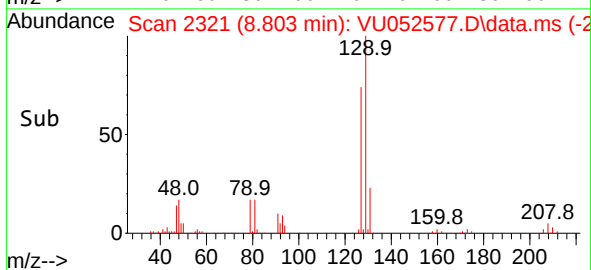
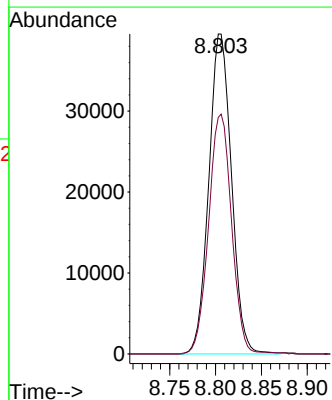
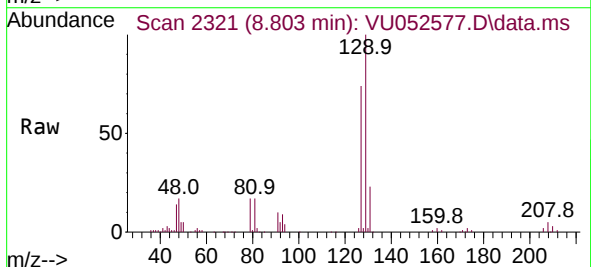
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

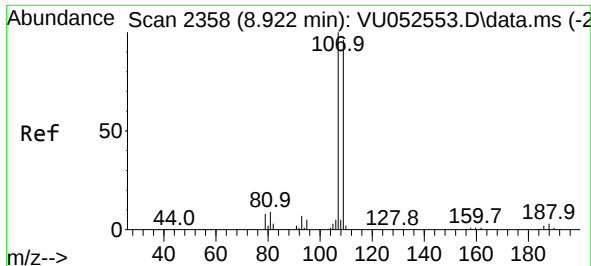
Tgt Ion: 43 Resp: 534544
Ion Ratio Lower Upper
43 100
58 55.7 44.1 66.1
57 18.7 14.6 21.8
100 11.0 8.5 12.7



#49
Dibromochloromethane
Concen: 5.074 ug/L
RT: 8.803 min Scan# 2321
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion: 129 Resp: 67981
Ion Ratio Lower Upper
129 100
127 74.0 54.2 100.6





#50

1,2-Dibromoethane

Concen: 5.054 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MS

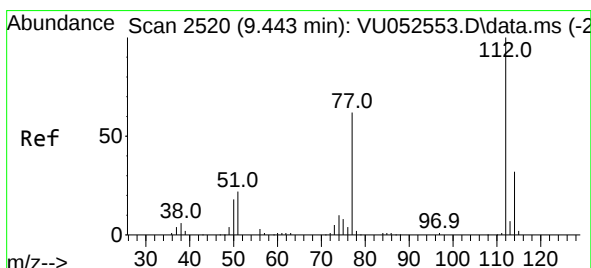
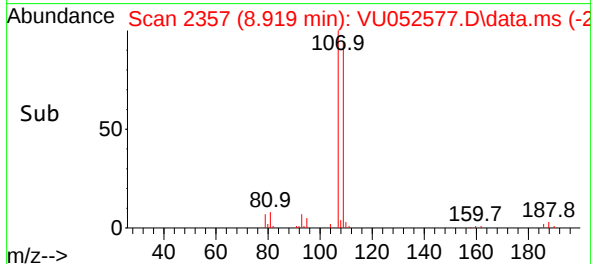
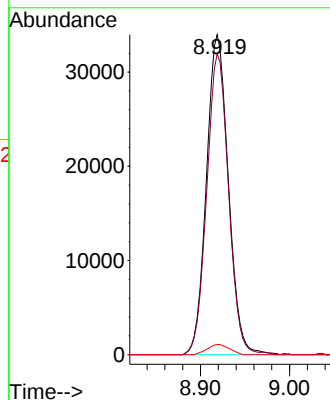
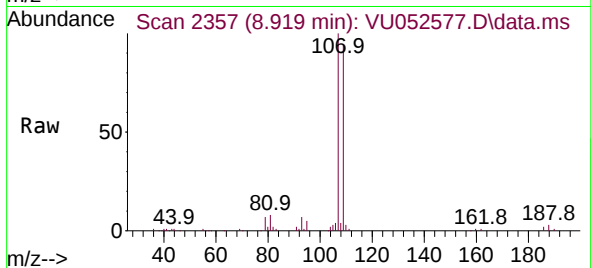
Tgt Ion:107 Resp: 58128

Ion Ratio Lower Upper

107 100

109 94.1 65.8 122.2

188 3.2 2.3 3.5



#51

Chlorobenzene

Concen: 4.883 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

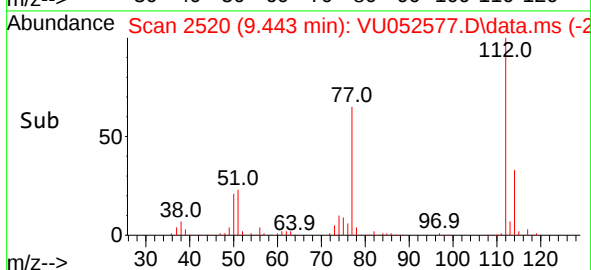
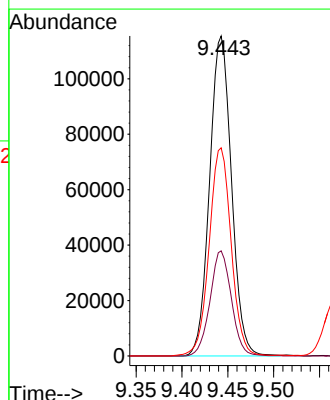
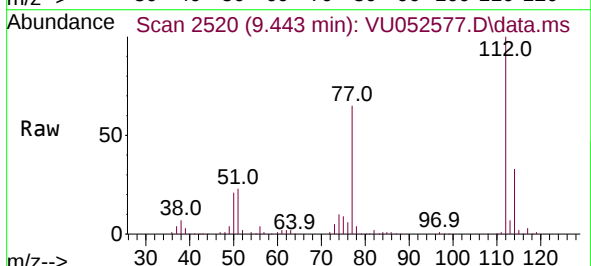
Tgt Ion:112 Resp: 191427

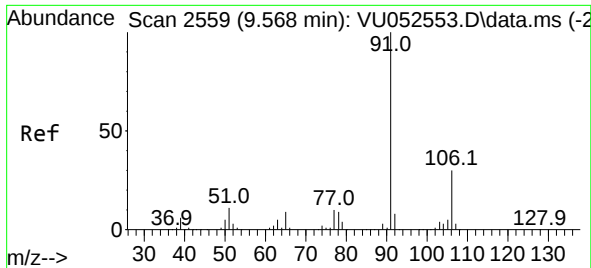
Ion Ratio Lower Upper

112 100

114 32.9 21.3 39.5

77 65.0 51.0 76.6

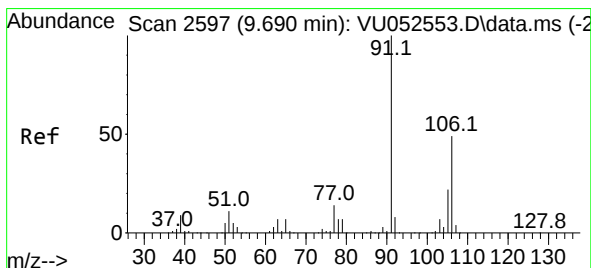
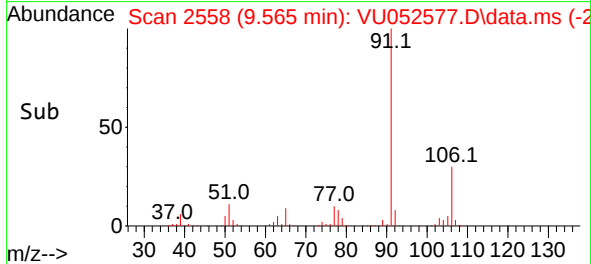
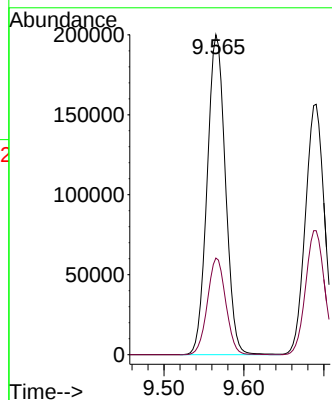
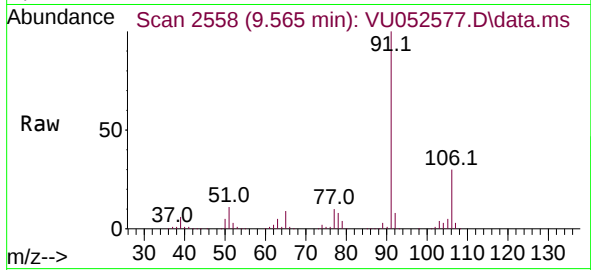




#52
Ethylbenzene
Concen: 4.999 ug/L
RT: 9.565 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

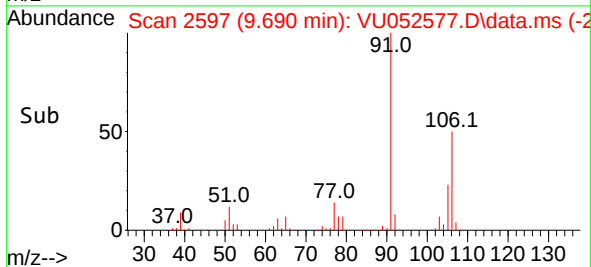
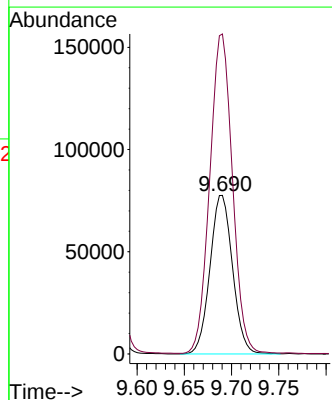
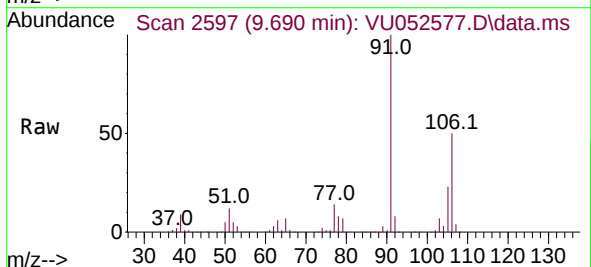
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

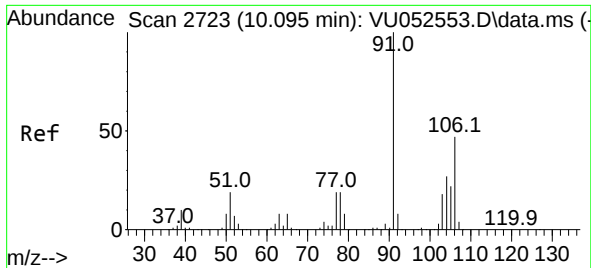
Tgt Ion: 91 Resp: 317579
Ion Ratio Lower Upper
91 100
106 30.2 20.9 38.7



#53
m,p-Xylene
Concen: 5.491 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion: 106 Resp: 128635
Ion Ratio Lower Upper
106 100
91 201.8 148.2 275.2

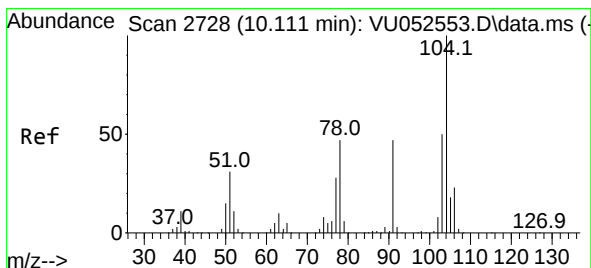
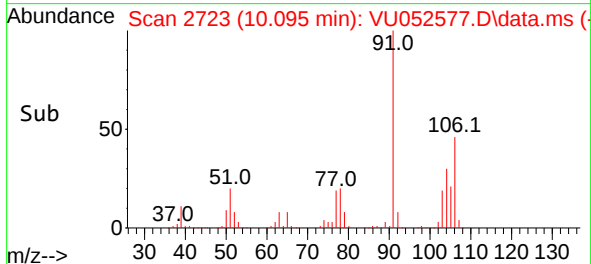
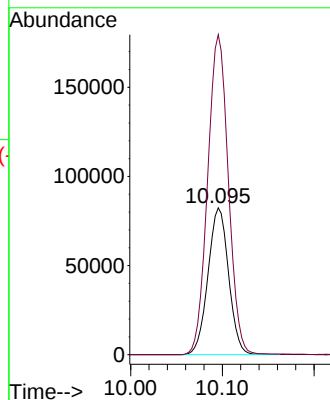
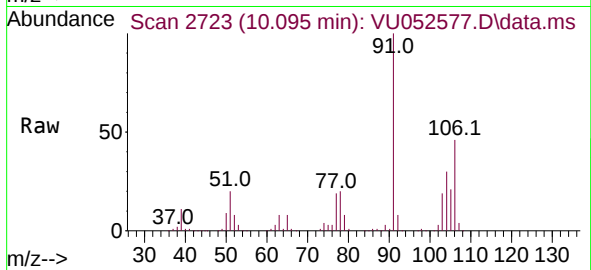




#54
o-Xylene
Concen: 5.732 ug/L
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

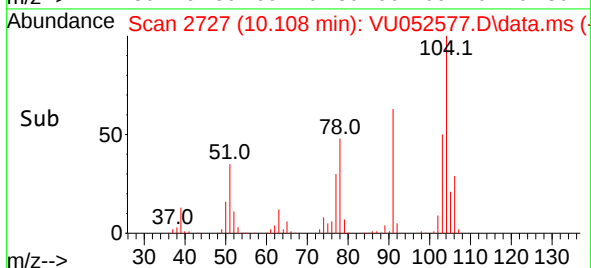
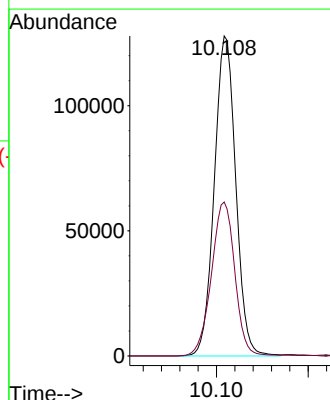
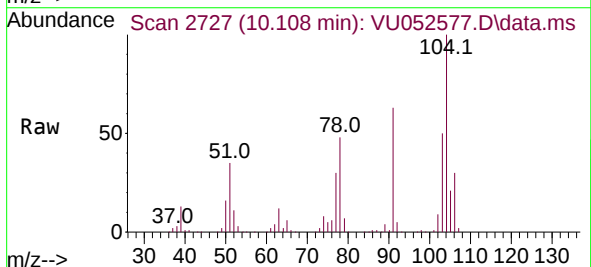
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

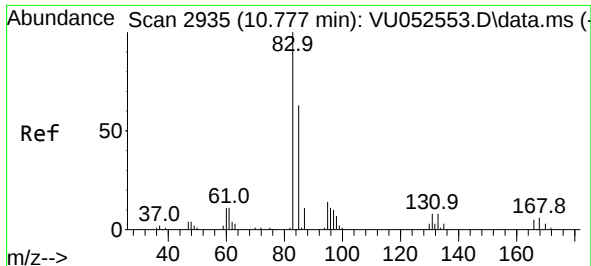
Tgt Ion:106 Resp: 128707
Ion Ratio Lower Upper
106 100
91 218.0 153.2 284.4



#55
Styrene
Concen: 5.316 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion:104 Resp: 207676
Ion Ratio Lower Upper
104 100
78 48.1 33.4 62.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.119 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MS

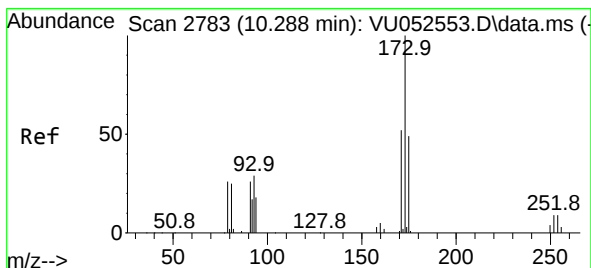
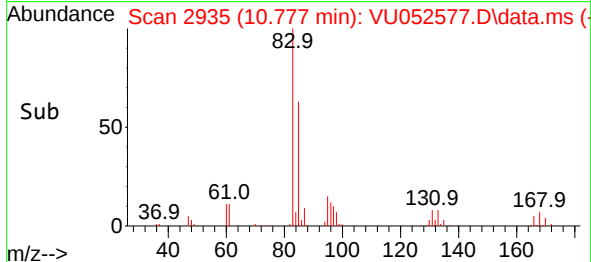
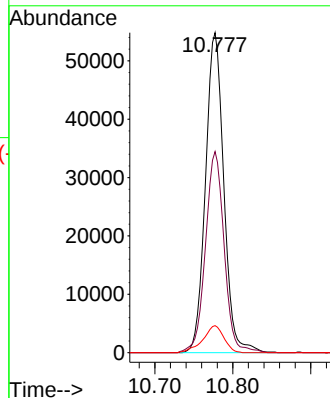
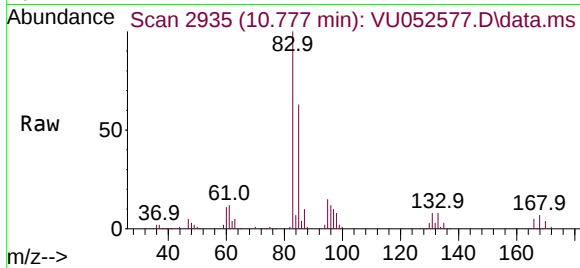
Tgt Ion: 83 Resp: 89547

Ion Ratio Lower Upper

83 100

85 62.8 44.7 83.1

131 8.4 6.0 9.0



#59

Bromoform

Concen: 4.573 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

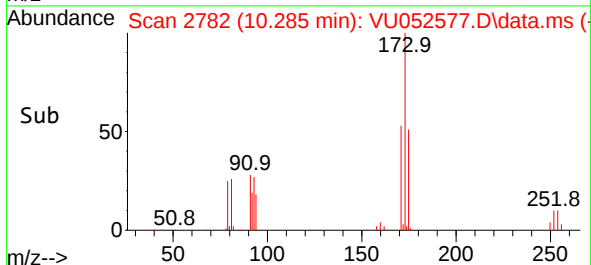
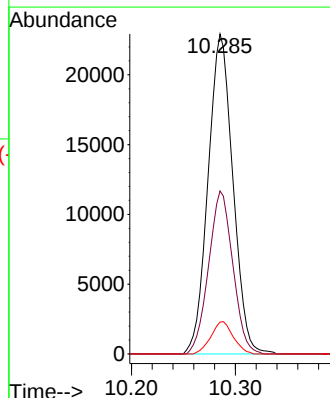
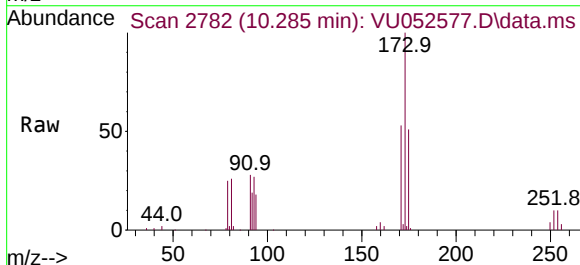
Tgt Ion:173 Resp: 37992

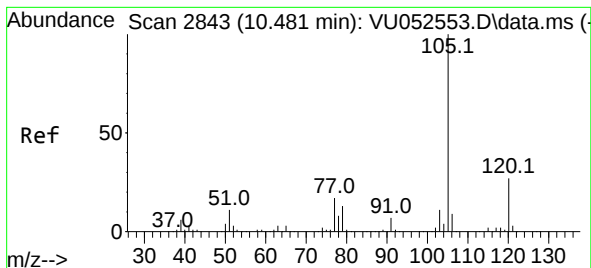
Ion Ratio Lower Upper

173 100

175 49.6 38.9 58.3

254 9.1 7.0 10.6





#60

Isopropylbenzene

Concen: 4.954 ug/L

RT: 10.478 min Scan# 2843

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MS

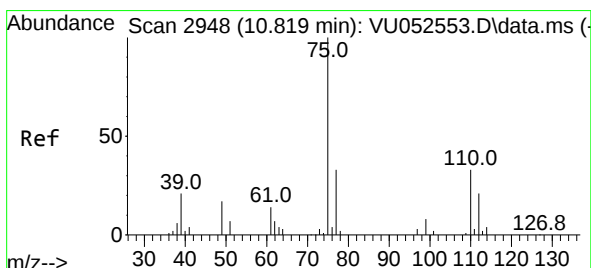
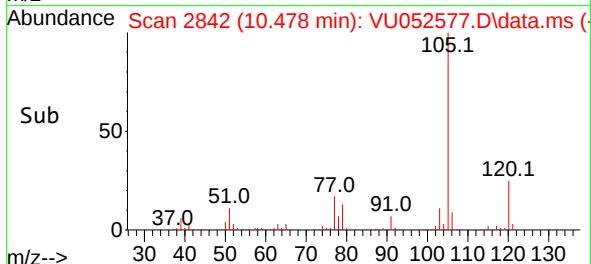
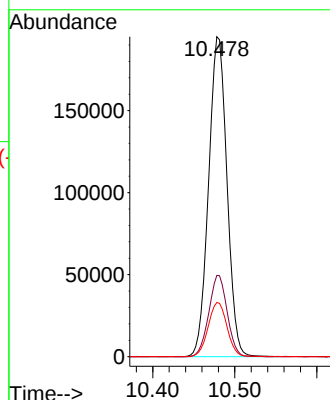
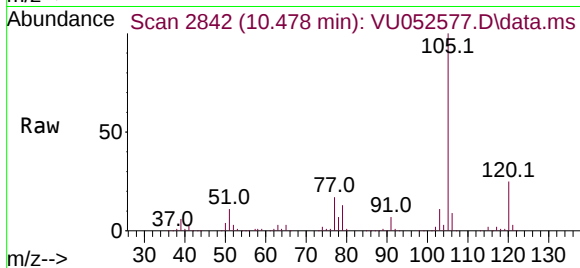
Tgt Ion:105 Resp: 303673

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 17.4 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 4.800 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

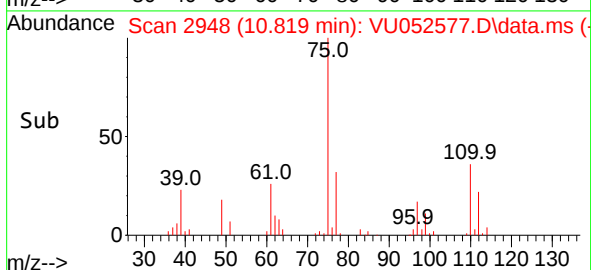
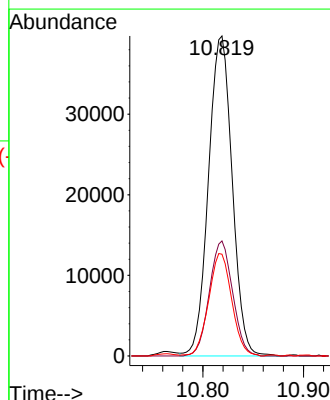
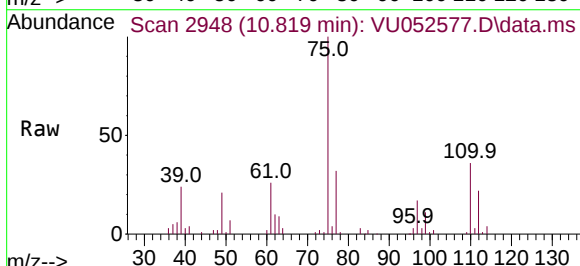
Tgt Ion: 75 Resp: 65099

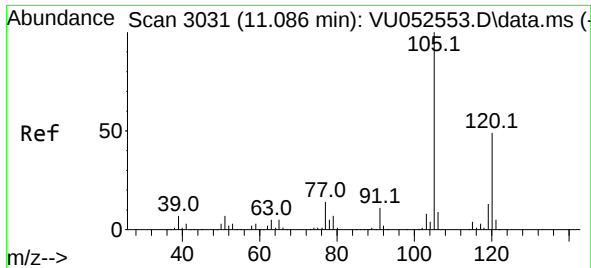
Ion Ratio Lower Upper

75 100

110 35.2 27.9 41.9

77 31.2 25.9 38.9

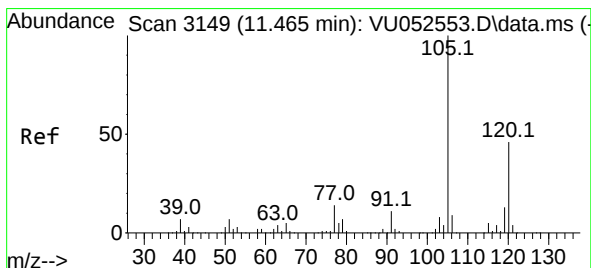
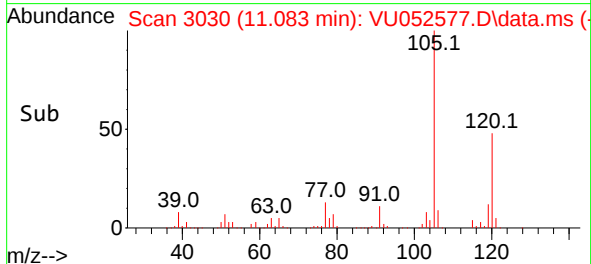
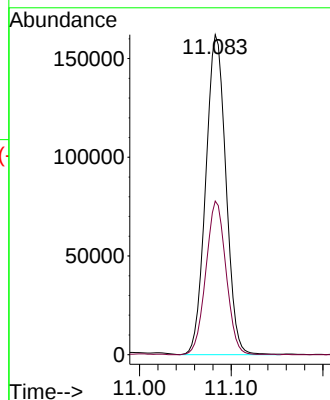
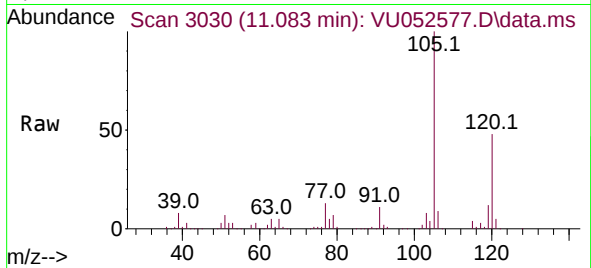




#62
1,3,5-Trimethylbenzene
Concen: 4.897 ug/L
RT: 11.083 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

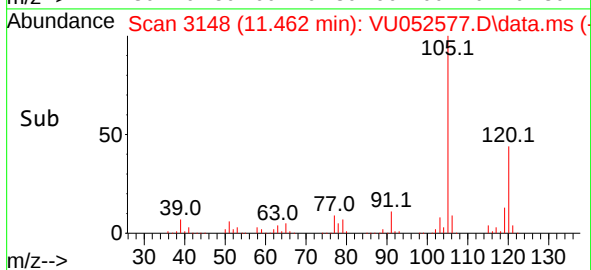
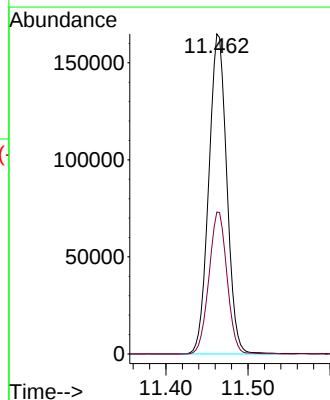
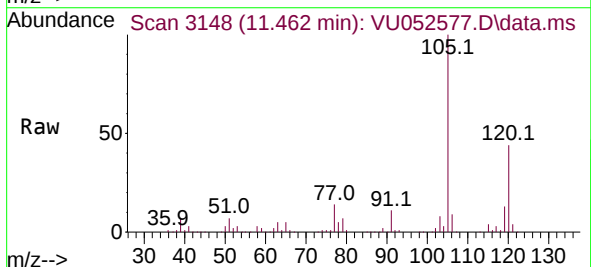
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

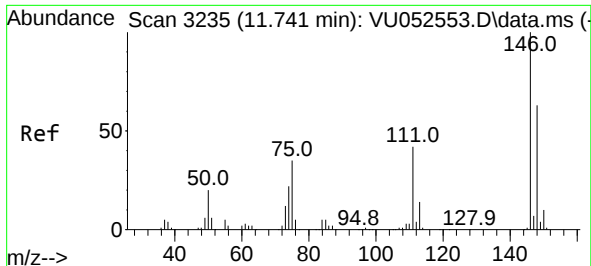
Tgt Ion:105 Resp: 247531
Ion Ratio Lower Upper
105 100
120 48.0 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.951 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion:105 Resp: 251953
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

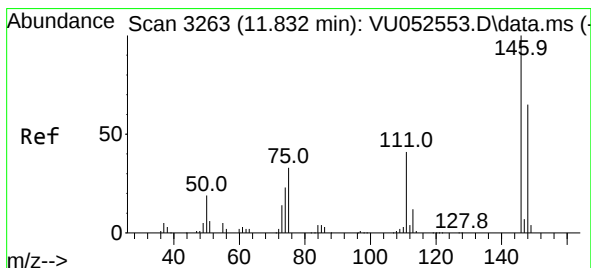
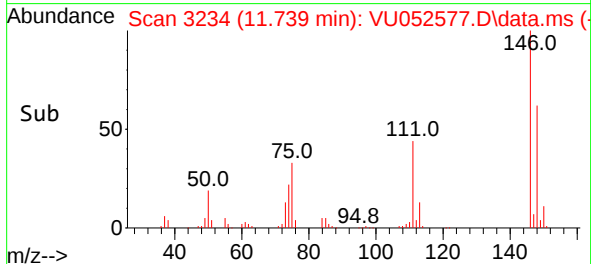
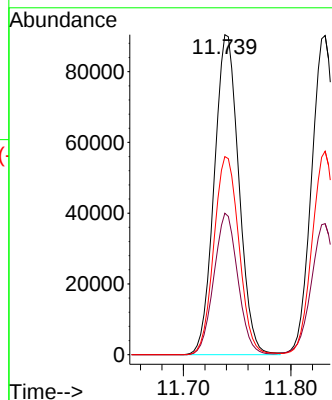
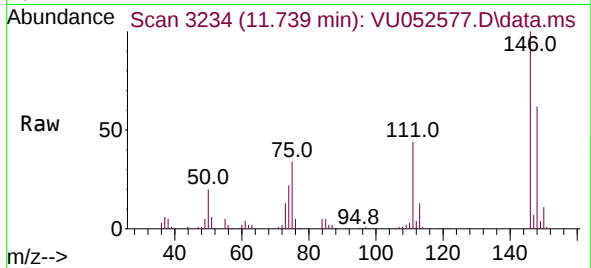




#64
1,3-Dichlorobenzene
Concen: 4.730 ug/L
RT: 11.739 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

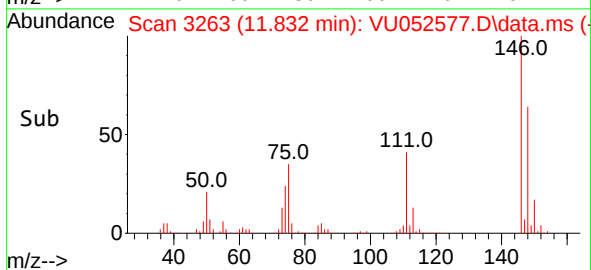
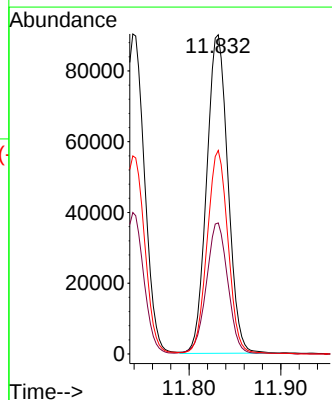
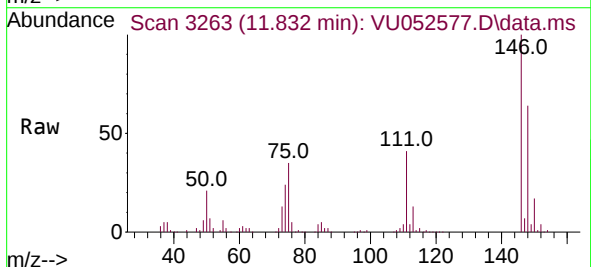
Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

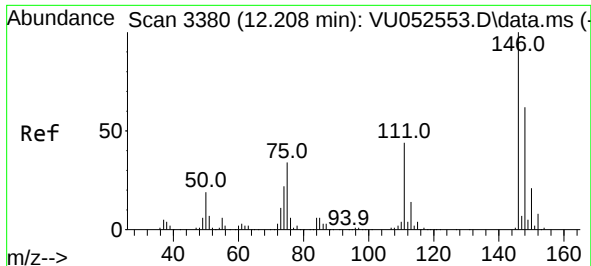
Tgt Ion:146 Resp: 143845
Ion Ratio Lower Upper
146 100
111 44.2 29.9 55.5
148 61.9 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.618 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion:146 Resp: 145249
Ion Ratio Lower Upper
146 100
111 41.1 27.5 51.1
148 63.8 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 4.614 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

Instrument :

MSVOA_U

ClientSampleId :

GBQD1MS

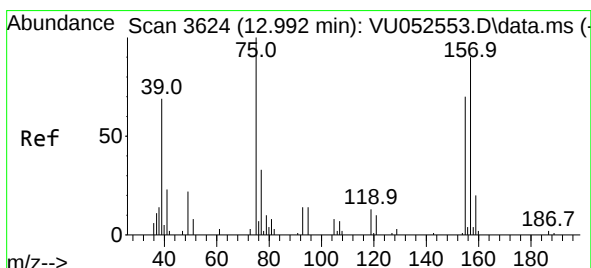
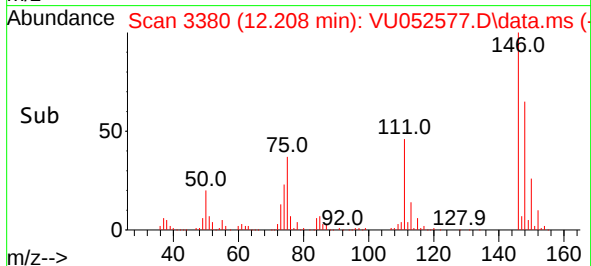
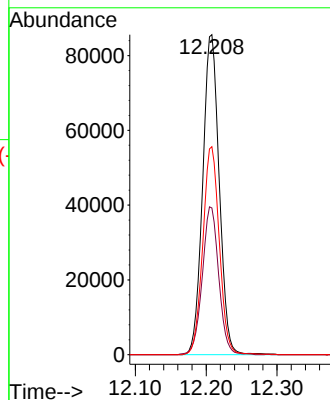
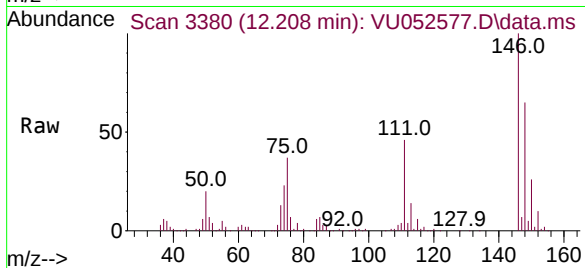
Tgt Ion:146 Resp: 138656

Ion Ratio Lower Upper

146 100

111 45.8 36.6 55.0

148 65.0 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.914 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. -0.003 min

Lab File: VU052577.D

Acq: 27 Dec 2022 20:09

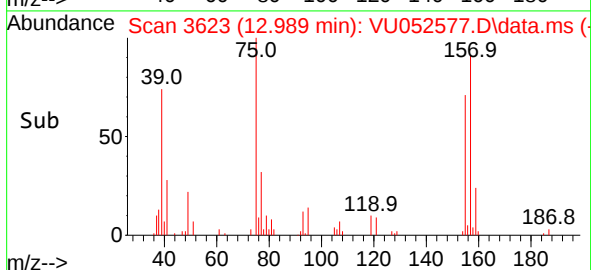
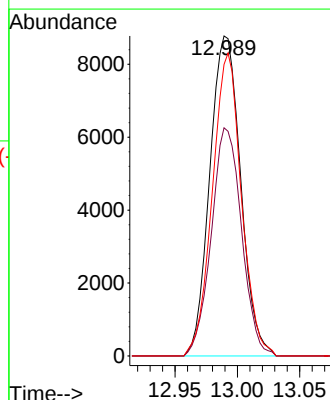
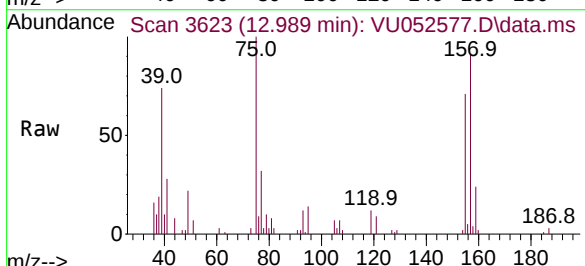
Tgt Ion: 75 Resp: 15087

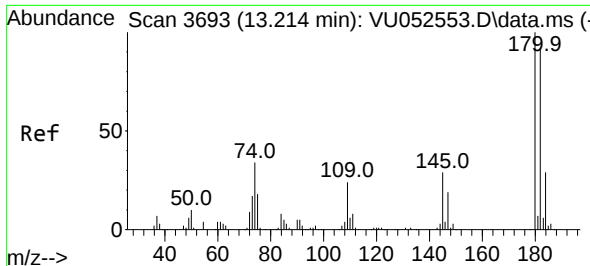
Ion Ratio Lower Upper

75 100

155 71.3 62.2 93.2

157 91.1 73.0 109.4

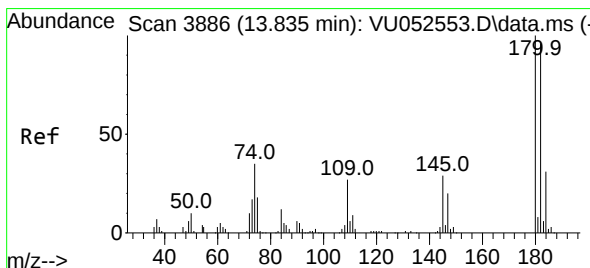
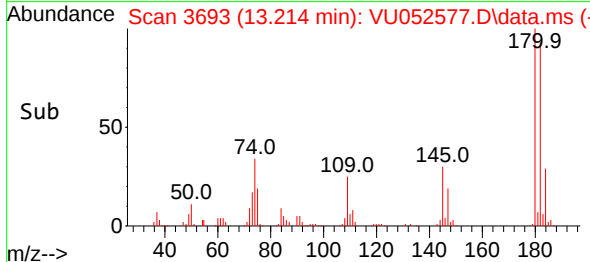
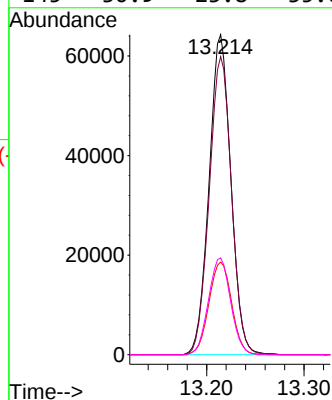
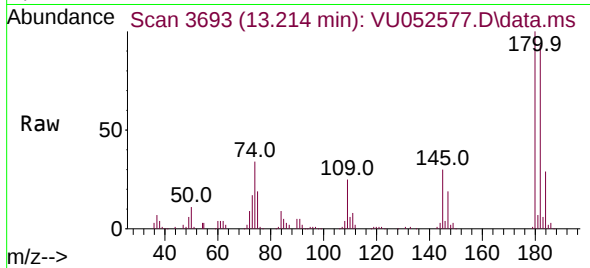




#69
 1,3,5-Trichlorobenzene
 Concen: 4.458 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: VU052577.D
 Acq: 27 Dec 2022 20:09

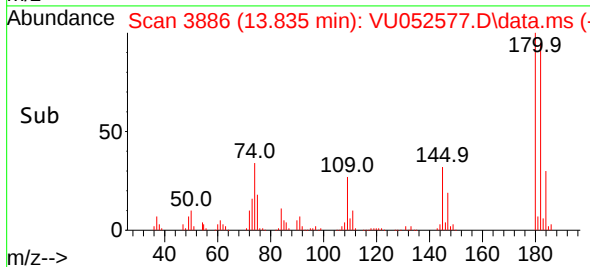
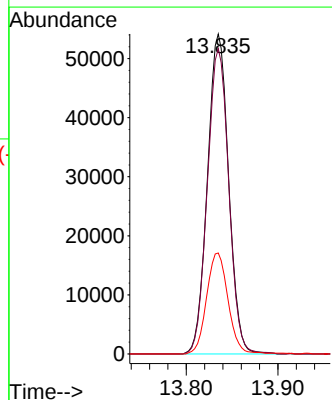
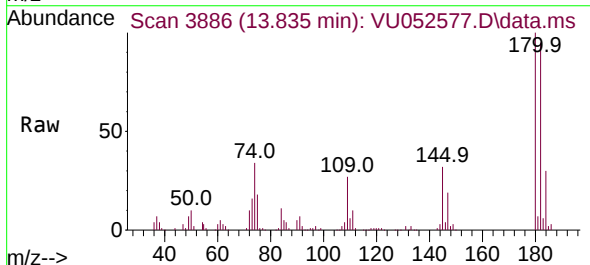
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD1MS

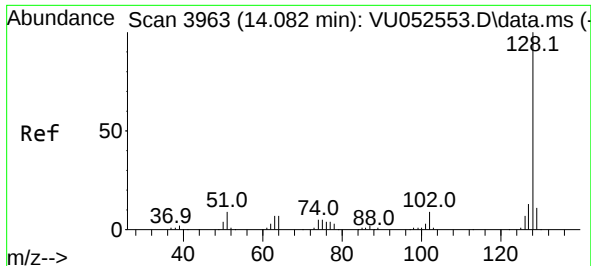
Tgt Ion:180	Resp:	99823
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.8 113.8
184	30.2	23.4 35.0
145	30.9	23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.629 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU052577.D
 Acq: 27 Dec 2022 20:09

Tgt Ion:180	Resp:	87218
Ion Ratio	Lower	Upper
180	100	
182	96.1	77.7 116.5
145	31.8	24.0 36.0

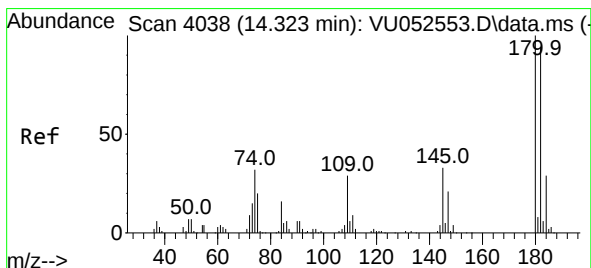
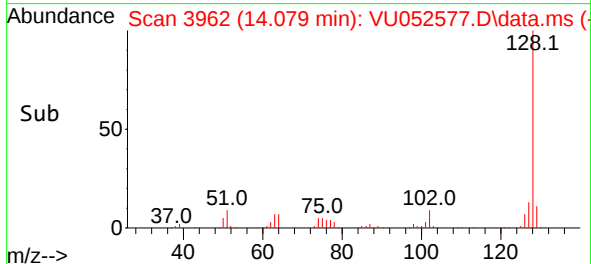
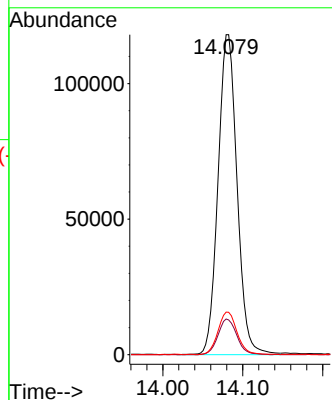
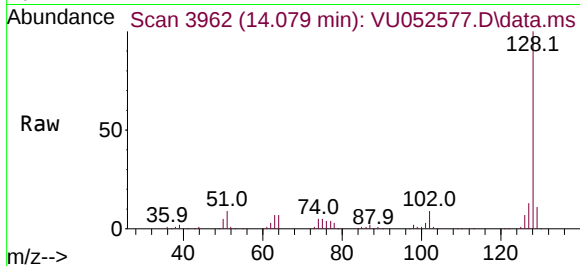




#71
Naphthalene
Concen: 5.106 ug/L
RT: 14.079 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Instrument :
MSVOA_U
ClientSampleId :
GBQD1MS

Tgt Ion:128 Resp: 194691
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.549 ug/L
RT: 14.324 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052577.D
Acq: 27 Dec 2022 20:09

Tgt Ion:180 Resp: 85913
Ion Ratio Lower Upper
180 100
182 95.8 76.3 114.5
145 33.7 25.8 38.8

