

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051956.D
 Acq On : 19 Nov 2022 15:41
 Operator : JC/MD
 Sample : N5693-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84MS

Quant Time: Nov 19 21:45:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227021	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	231830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113673	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	109369	4.953	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.912	69	89218	5.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.568	65	39918	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.616	46	215894	53.937	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.880%
24) Chloroform-d	5.063	84	179203	5.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.700	65	88239	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.726	84	367656	5.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.687	67	113538	5.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.896	98	333417	5.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
43) trans-1,3-Dichloroprop...	8.179	79	39081	5.035	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.629	63	178684	54.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.640%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	100701	5.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	114253	5.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	100936	5.126	ug/L	100
3) Chloromethane	1.526	50	135909	5.289	ug/L	99
5) Vinyl chloride	1.604	62	132454	5.365	ug/L	98
6) Bromomethane	1.851	94	69011	5.447	ug/L	100
8) Chloroethane	1.932	64	79258	5.162	ug/L	94
9) Trichlorofluoromethane	2.137	101	143701	5.291	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	82567	4.972	ug/L	98
12) 1,1-Dichloroethene	2.578	96	87251	5.298	ug/L	97
13) Acetone	2.620	43	413068	151.971	ug/L	99
14) Carbon disulfide	2.793	76	290388	5.094	ug/L	99
15) Methyl Acetate	2.948	43	27879	3.954	ug/L	99
16) Methylene chloride	3.044	84	144744	6.497	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	192368	5.218	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	102145	5.786	ug/L	97
19) 1,1-Dichloroethane	3.867	63	171160	5.379	ug/L	100
21) 2-Butanone	4.697	43	234664	53.866	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	596358	32.188	ug/L	98
23) Bromochloromethane	4.973	128	49197	5.550	ug/L	95
25) Chloroform	5.086	83	200341	6.214	ug/L	98

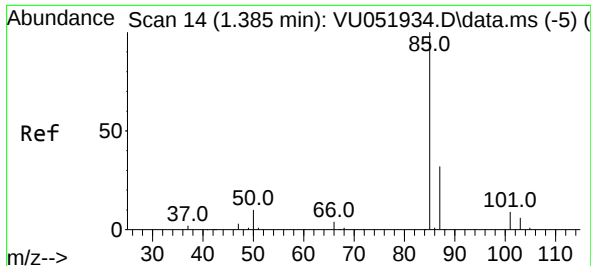
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	111276	5.635	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	137614	5.350	ug/L	99
30) Cyclohexane	5.388	56	125744	5.035	ug/L	98
31) Carbon tetrachloride	5.523	117	113453	5.191	ug/L	100
33) Benzene	5.771	78	415407	5.506	ug/L	100
34) Trichloroethene	6.539	95	3161752	168.014	ug/L	99
35) Methylcyclohexane	6.761	83	138449	5.114	ug/L	98
37) 1,2-Dichloropropane	6.790	63	102917	5.268	ug/L	100
38) Bromodichloromethane	7.102	83	131374	5.516	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	125355	4.998	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	556635	54.550	ug/L	100
42) Toluene	7.967	91	431500	5.560	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	107925	5.025	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	79599	5.422	ug/L	97
47) Tetrachloroethene	8.549	164	79663	5.524	ug/L	93
48) 2-Hexanone	8.681	43	420818	56.253	ug/L	100
49) Dibromochloromethane	8.806	129	86166	5.241	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72183	5.398	ug/L	99
51) Chlorobenzene	9.446	112	260982	5.274	ug/L	99
52) Ethylbenzene	9.568	91	396342	5.253	ug/L	100
53) m,p-Xylene	9.693	106	158266	5.417	ug/L	98
54) o-Xylene	10.098	106	156793	5.599	ug/L	100
55) Styrene	10.111	104	259229	5.481	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	101796	5.552	ug/L	99
59) Bromoform	10.288	173	49055	5.240	ug/L	97
60) Isopropylbenzene	10.481	105	387152	5.422	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	69732	5.360	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	291512	5.107	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	293440	5.179	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	192791	5.288	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	186353	5.125	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	185792	5.292	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13586	4.772	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	121038	4.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	88252	4.483	ug/L	100
71) Naphthalene	14.082	128	156874	4.244	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	89129	4.602	ug/L	98

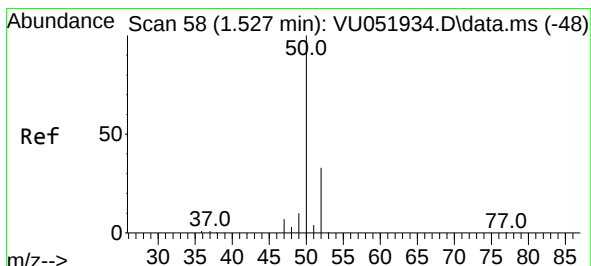
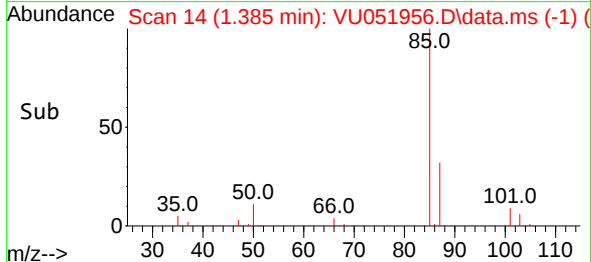
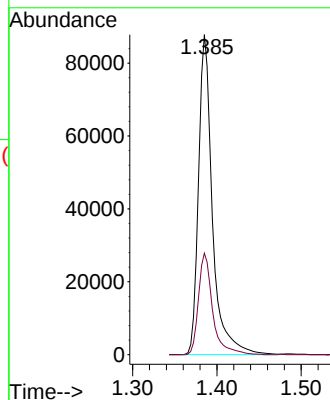
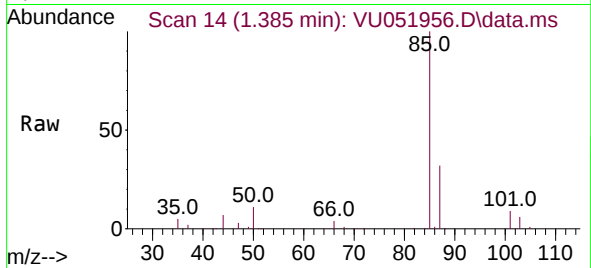
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#2
Dichlorodifluoromethane
Concen: 5.126 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

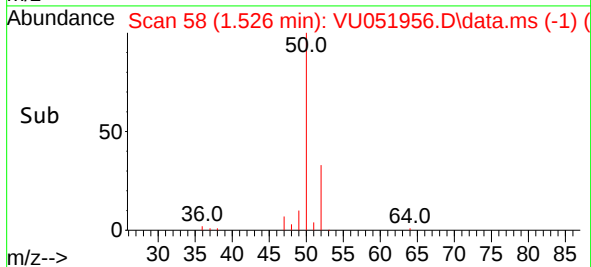
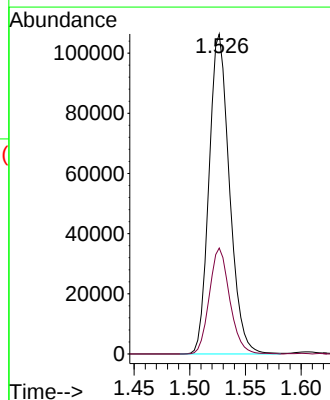
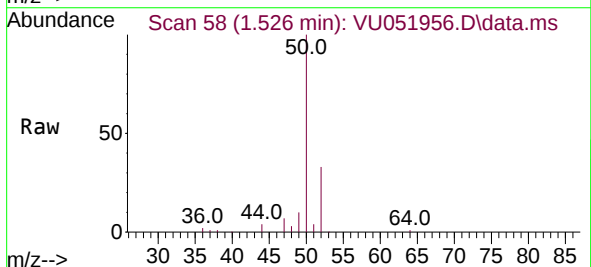
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MSVOA_U
ClientSampleId :
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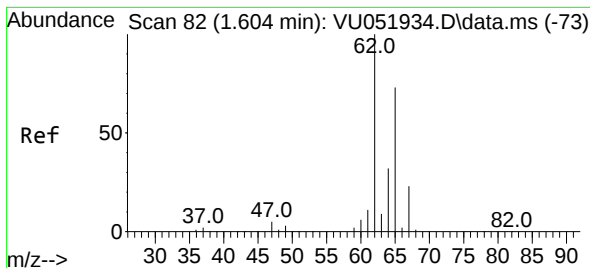
Tgt Ion: 85 Resp: 100936
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.8



#3
Chloromethane
Concen: 5.289 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 50 Resp: 135909
Ion Ratio Lower Upper
50 100
52 33.1 23.4 43.4





#5

Vinyl chloride

Concen: 5.365 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

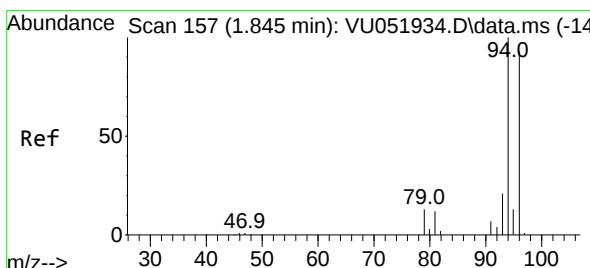
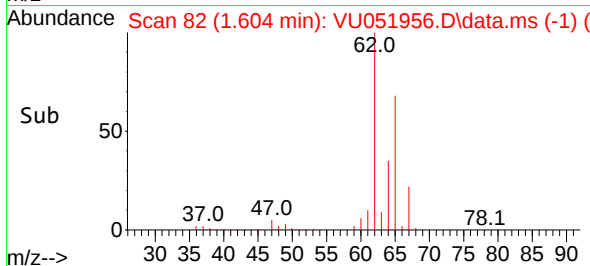
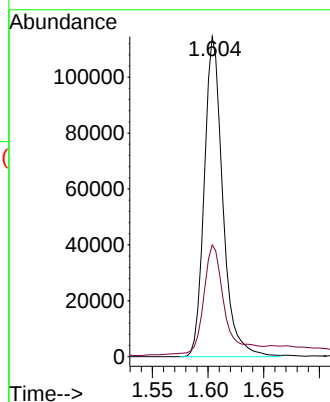
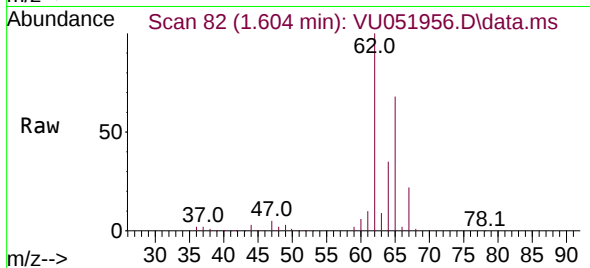
GBN84MS

Tgt Ion: 62 Resp: 132454

Ion Ratio Lower Upper

62 100

64 34.9 23.5 43.7



#6

Bromomethane

Concen: 5.447 ug/L

RT: 1.851 min Scan# 159

Delta R.T. 0.006 min

Lab File: VU051956.D

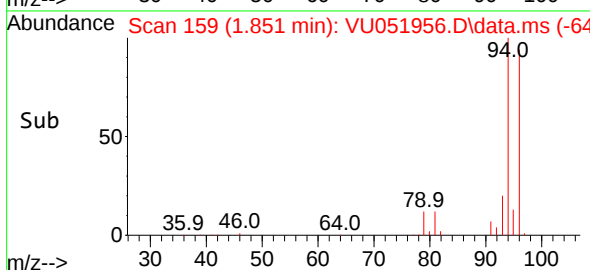
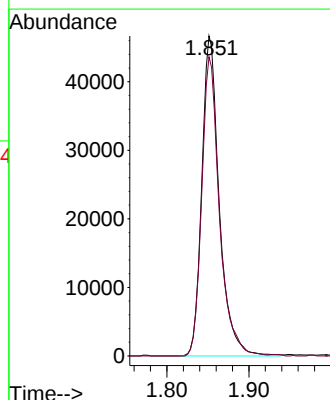
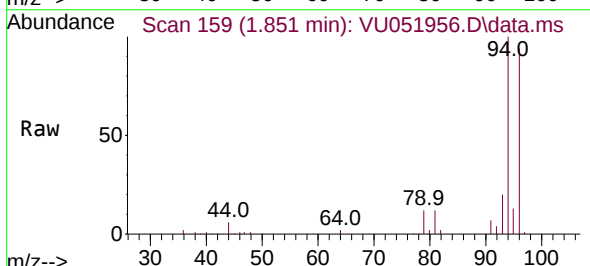
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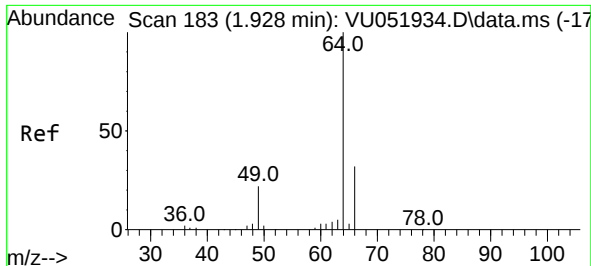
Tgt Ion: 94 Resp: 69011

Ion Ratio Lower Upper

94 100

96 93.5 65.7 122.1

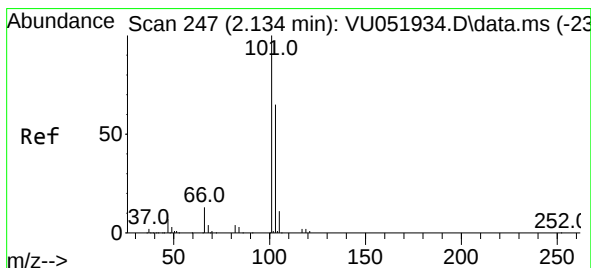
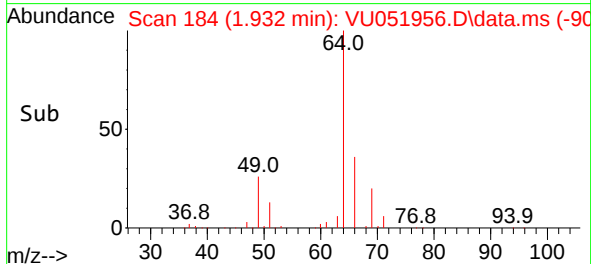
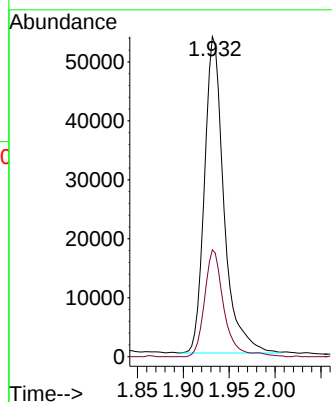
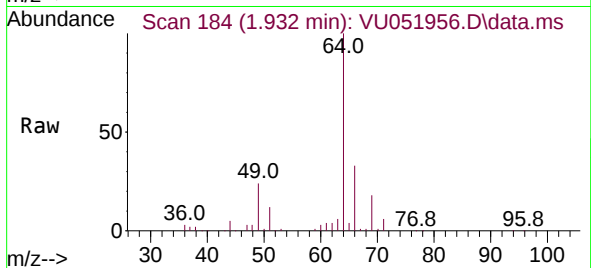




#8
Chloroethane
Concen: 5.162 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

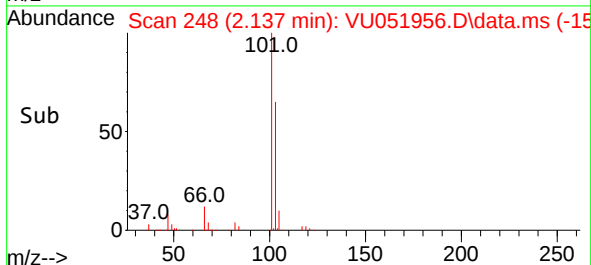
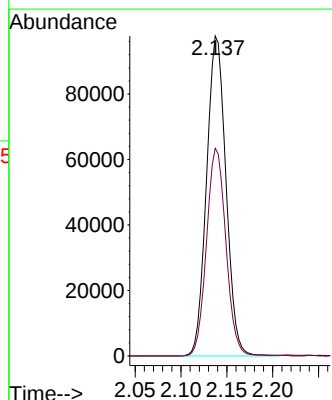
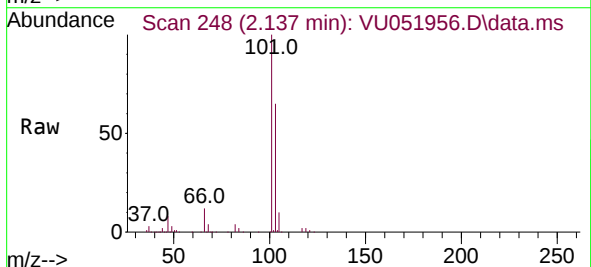
Instrument :
MSVOA_U
ClientSampleId :
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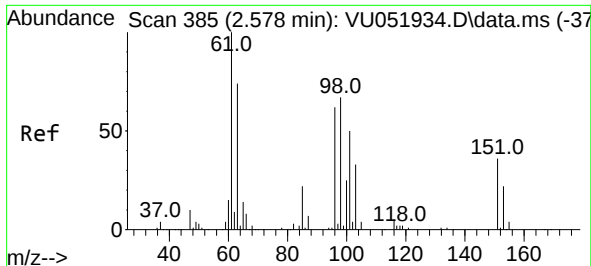
Tgt Ion: 64 Resp: 79258
Ion Ratio Lower Upper
64 100
66 33.4 21.1 39.1



#9
Trichlorofluoromethane
Concen: 5.291 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 101 Resp: 143701
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

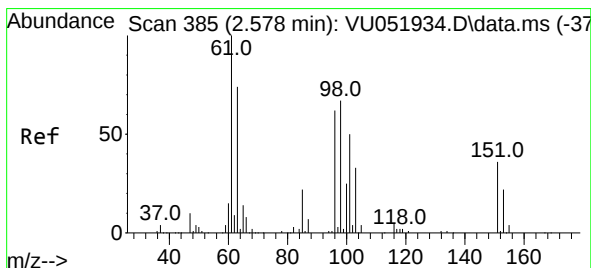
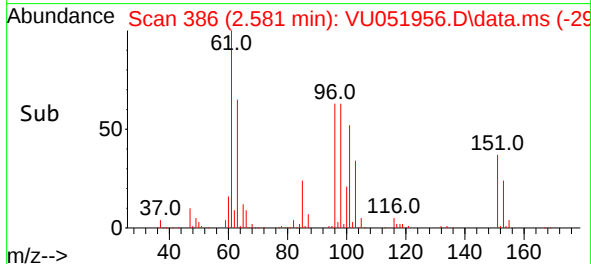
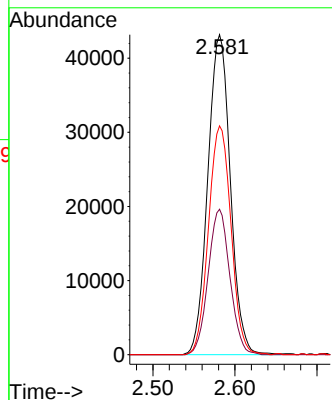
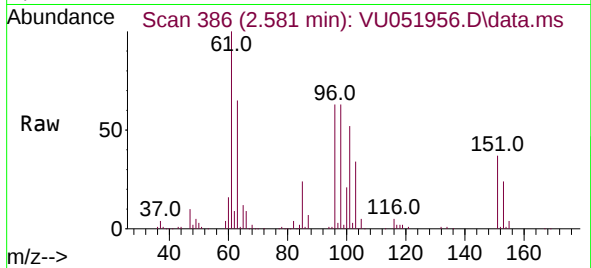




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.972 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051956.D
 Acq: 19 Nov 2022 15:41

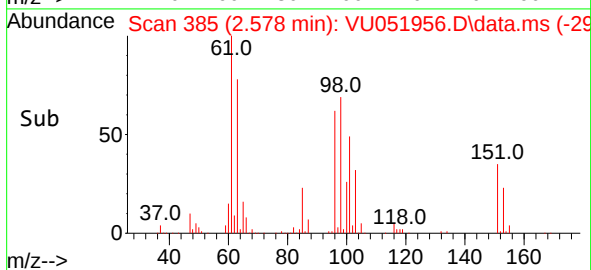
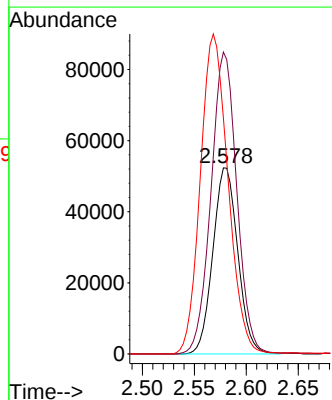
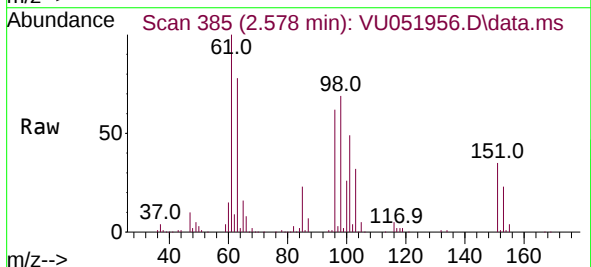
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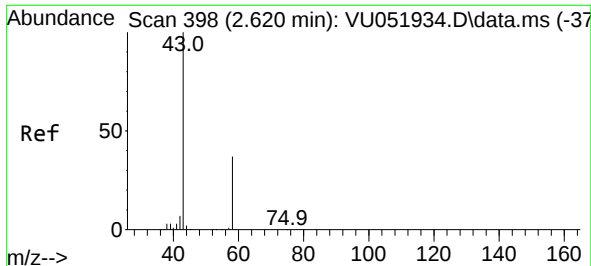
Tgt Ion:101 Resp: 82567
 Ion Ratio Lower Upper
 101 100
 85 43.8 33.8 50.6
 151 71.4 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 5.298 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051956.D
 Acq: 19 Nov 2022 15:41

Tgt Ion: 96 Resp: 87251
 Ion Ratio Lower Upper
 96 100
 61 162.2 114.8 213.2
 63 126.8 93.7 174.1

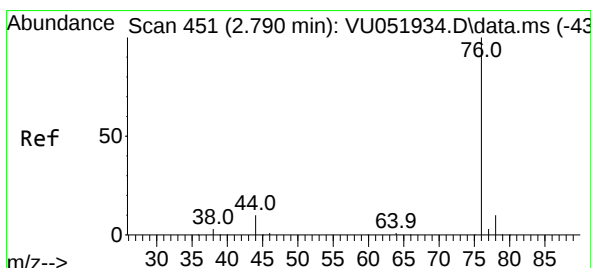
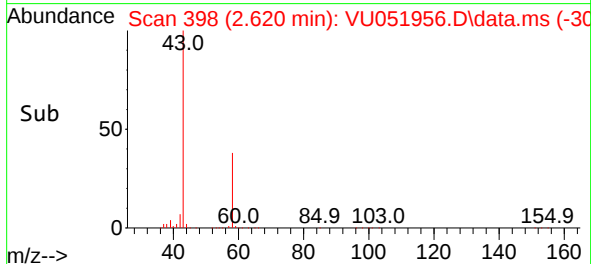
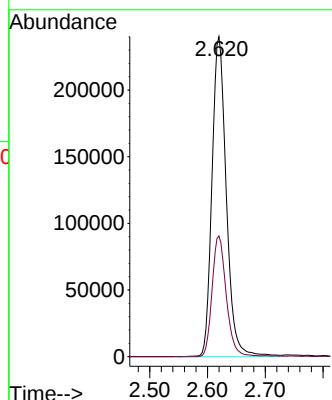
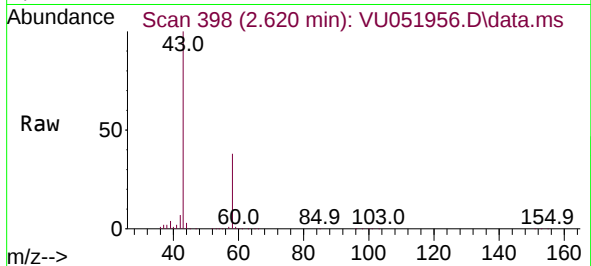




#13
Acetone
Concen: 151.971 ug/L
RT: 2.620 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

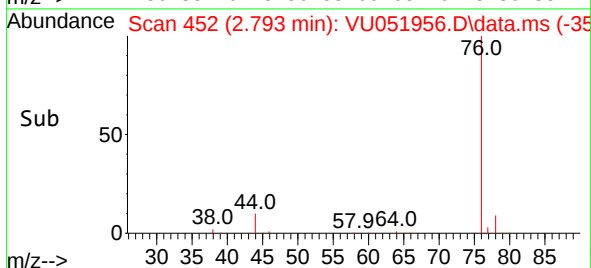
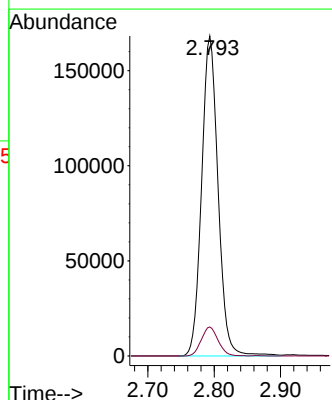
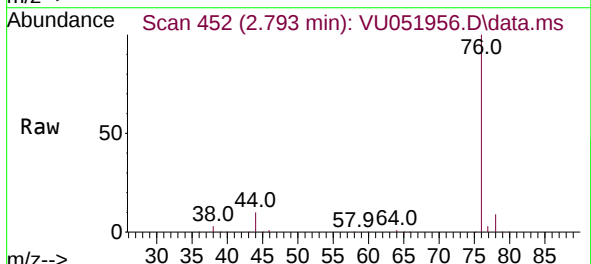
Instrument :
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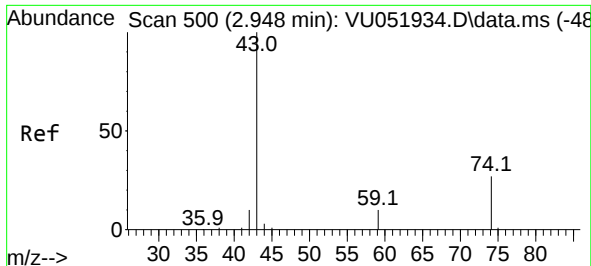
Tgt Ion: 43 Resp: 413068
Ion Ratio Lower Upper
43 100
58 37.3 0.0 76.0



#14
Carbon disulfide
Concen: 5.094 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 76 Resp: 290388
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

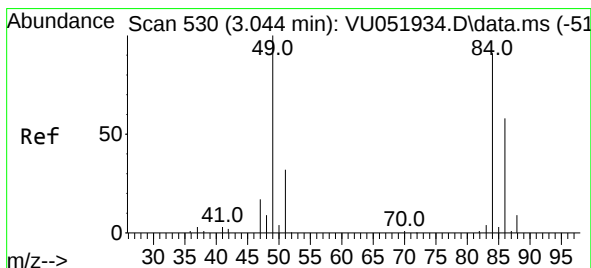
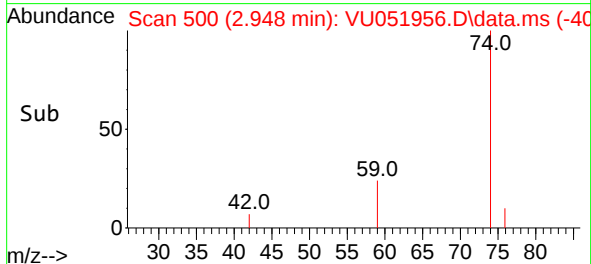
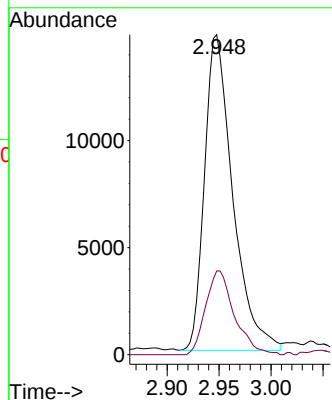
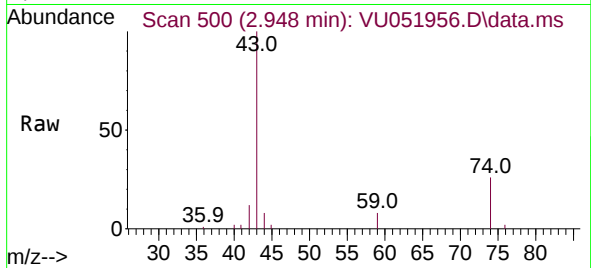




#15
Methyl Acetate
Concen: 3.954 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

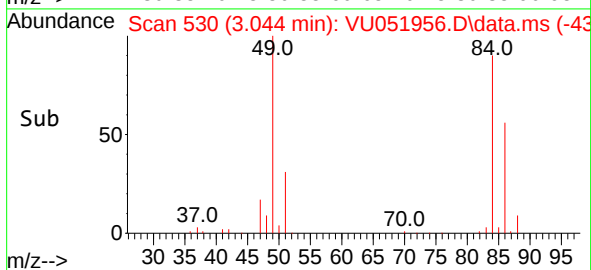
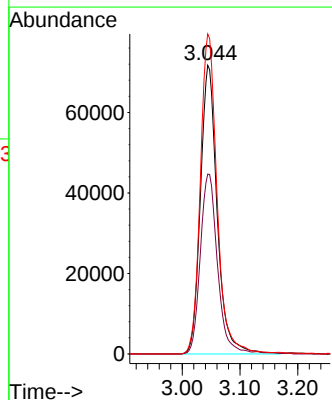
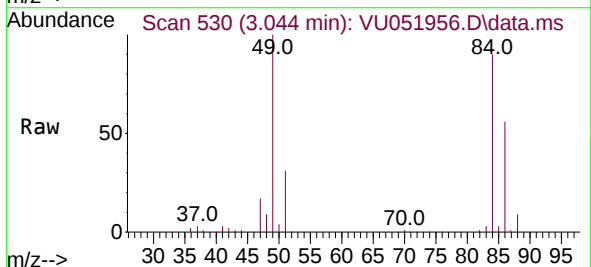
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

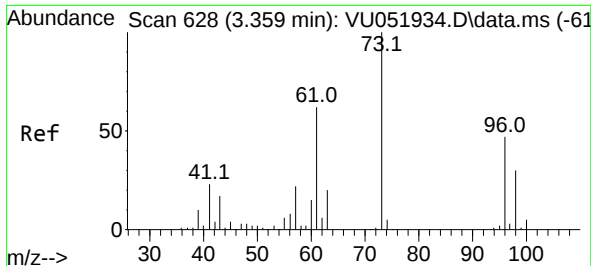
Tgt Ion: 43 Resp: 27879
Ion Ratio Lower Upper
43 100
74 27.1 21.3 31.9



#16
Methylene chloride
Concen: 6.497 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 84 Resp: 144744
Ion Ratio Lower Upper
84 100
86 62.3 43.8 81.4
49 110.8 75.9 141.1





#17

Methyl tert-butyl Ether

Concen: 5.218 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

GBN84MS

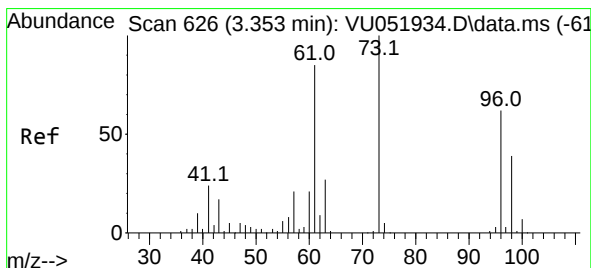
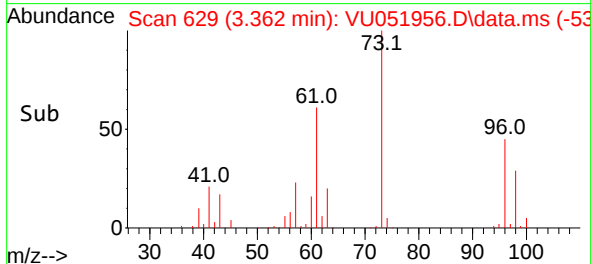
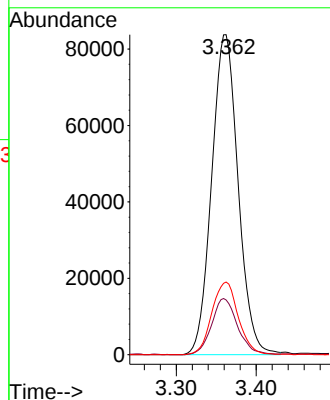
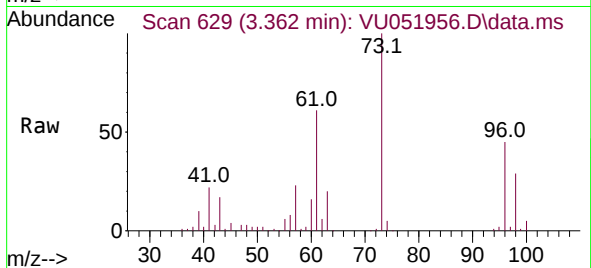
Tgt Ion: 73 Resp: 192368

Ion Ratio Lower Upper

73 100

43 17.2 13.2 19.8

57 22.7 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.786 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

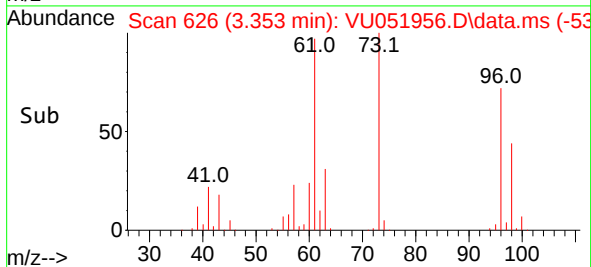
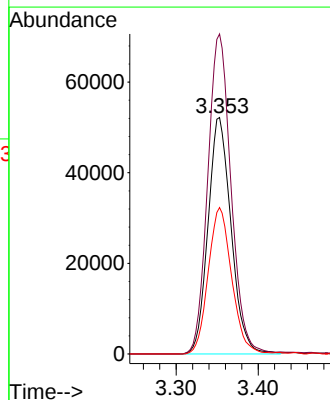
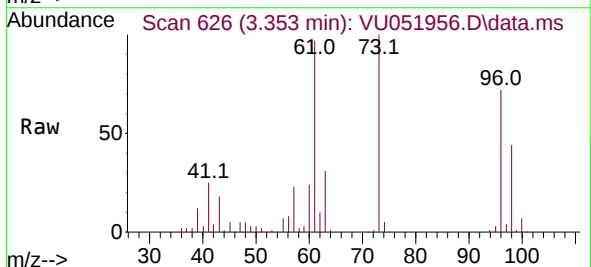
Tgt Ion: 96 Resp: 102145

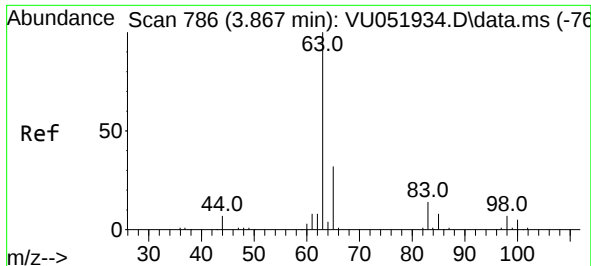
Ion Ratio Lower Upper

96 100

61 135.3 97.9 181.7

98 61.9 43.8 81.3

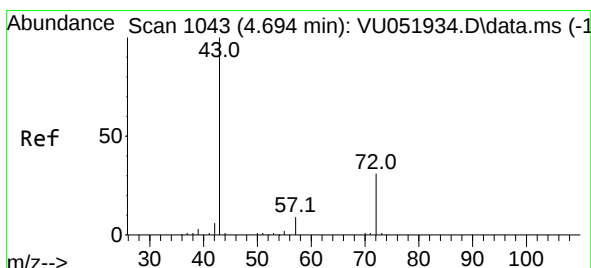
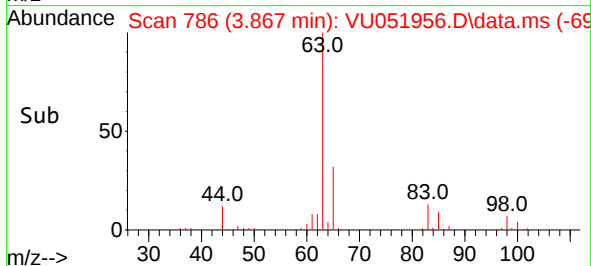
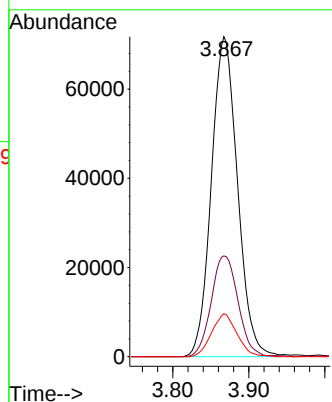
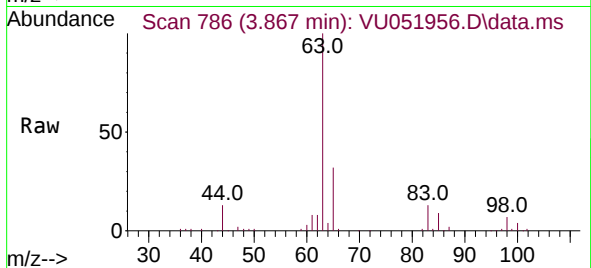




#19
1,1-Dichloroethane
Concen: 5.379 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

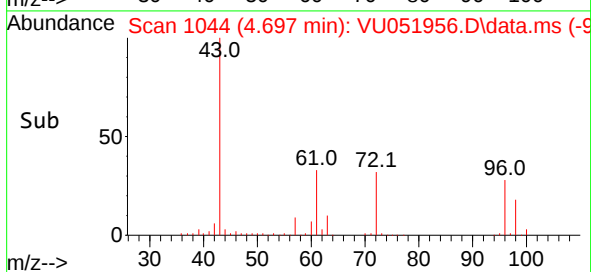
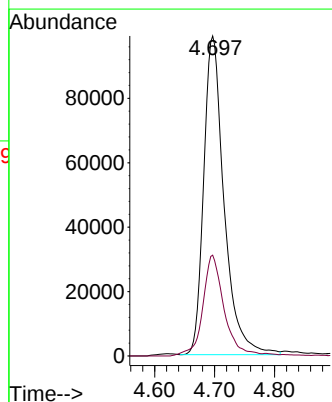
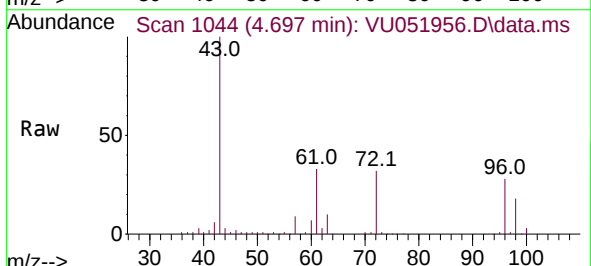
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

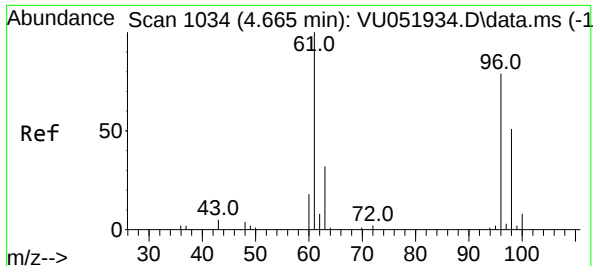
Tgt Ion: 63 Resp: 171160
Ion Ratio Lower Upper
63 100
65 31.5 22.2 41.2
83 13.4 9.2 17.0



#21
2-Butanone
Concen: 53.866 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.003 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 43 Resp: 234664
Ion Ratio Lower Upper
43 100
72 32.6 15.6 46.8

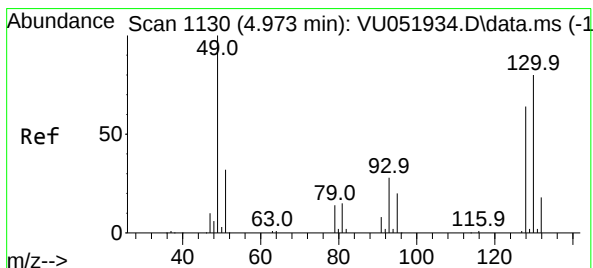
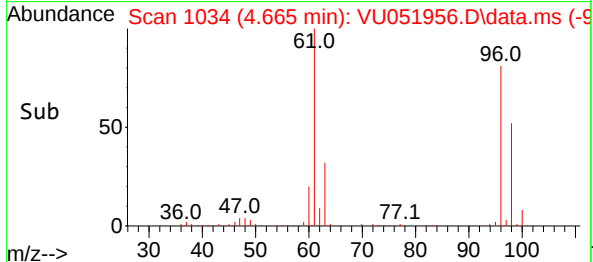
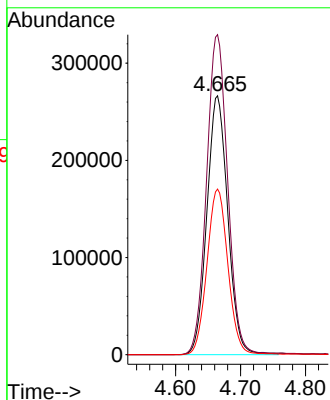
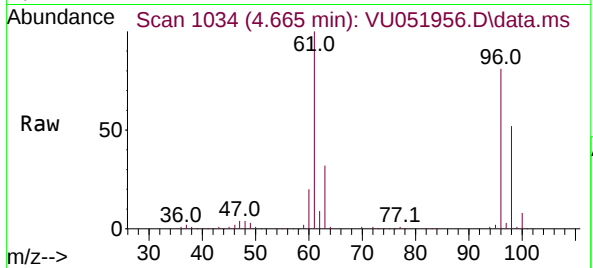




#22
 cis-1,2-Dichloroethene
 Concen: 32.188 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051956.D
 Acq: 19 Nov 2022 15:41

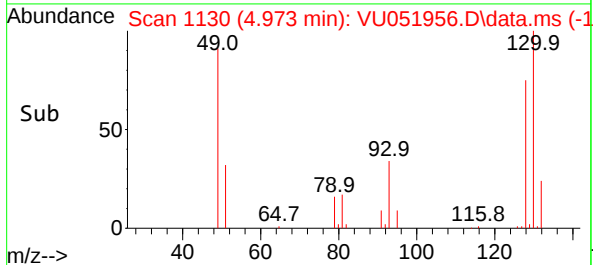
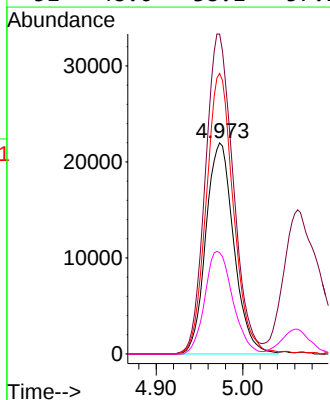
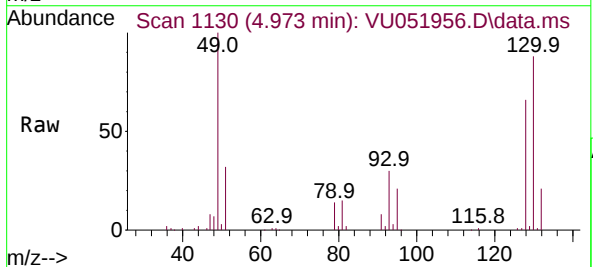
Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84MS

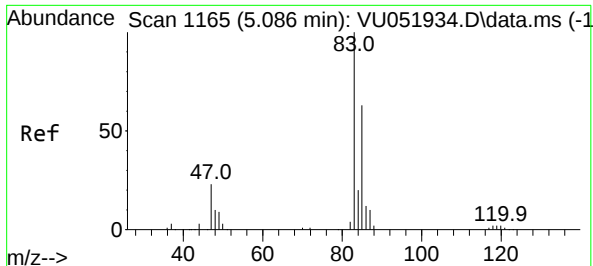
Tgt Ion: 96 Resp: 596358
 Ion Ratio Lower Upper
 96 100
 61 123.6 85.1 158.1
 98 64.0 42.8 79.6



#23
 Bromochloromethane
 Concen: 5.550 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051956.D
 Acq: 19 Nov 2022 15:41

Tgt Ion: 128 Resp: 49197
 Ion Ratio Lower Upper
 128 100
 49 151.6 104.0 193.2
 130 132.9 84.6 157.2
 51 48.0 38.1 57.1





#25

Chloroform

Concen: 6.214 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

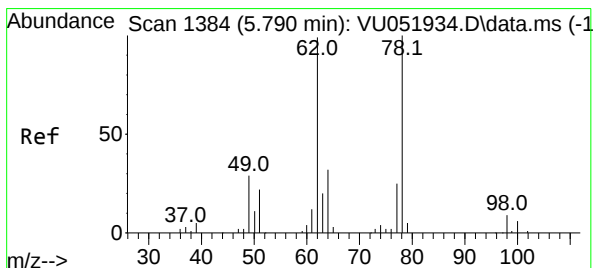
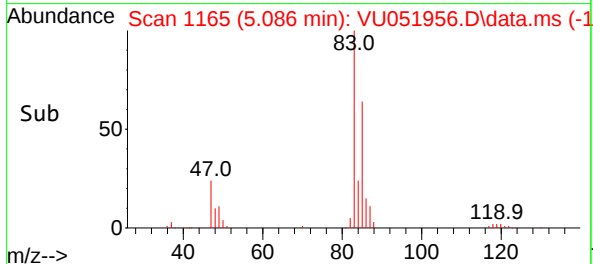
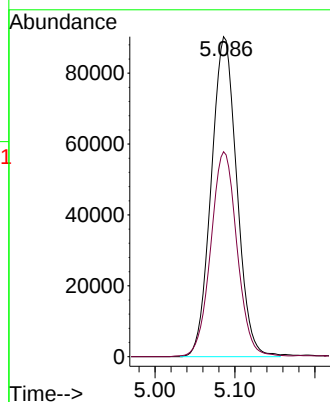
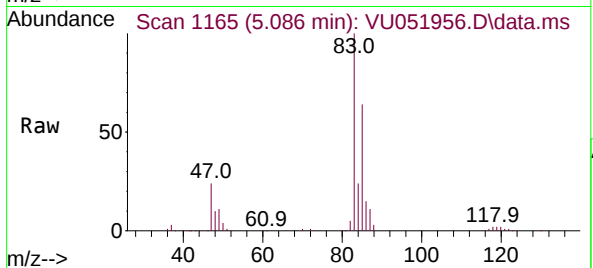
GBN84MS

Tgt Ion: 83 Resp: 200341

Ion Ratio Lower Upper

83 100

85 64.1 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.635 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU051956.D

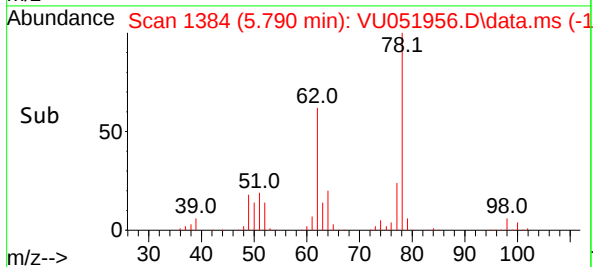
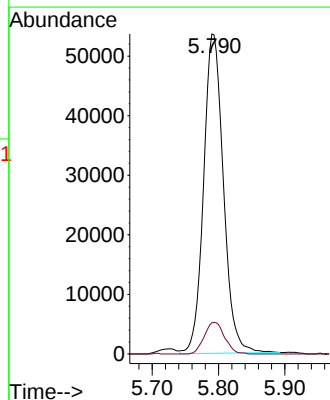
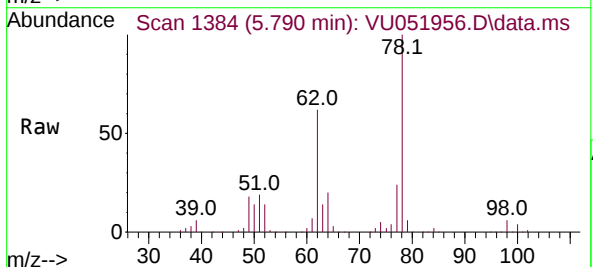
Acq: 19 Nov 2022 15:41

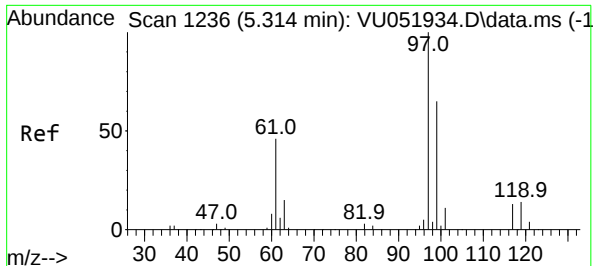
Tgt Ion: 62 Resp: 111276

Ion Ratio Lower Upper

62 100

98 9.8 8.4 12.6

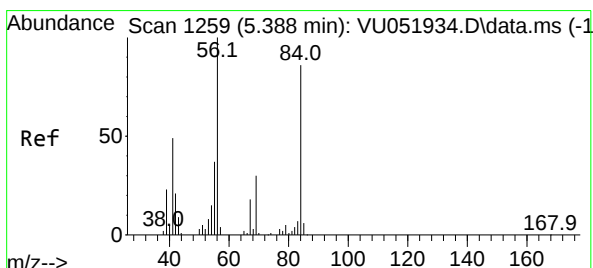
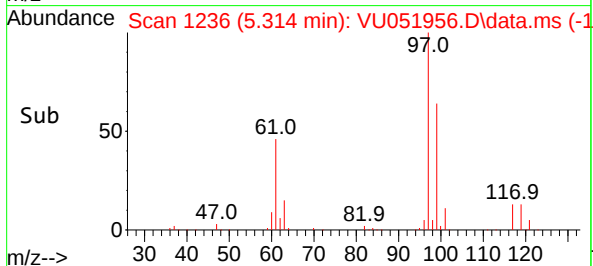
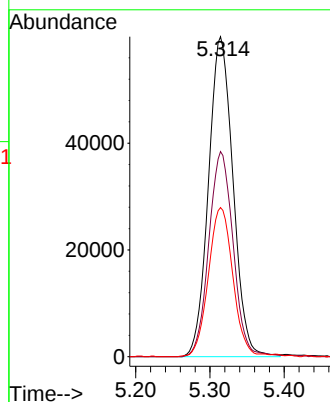
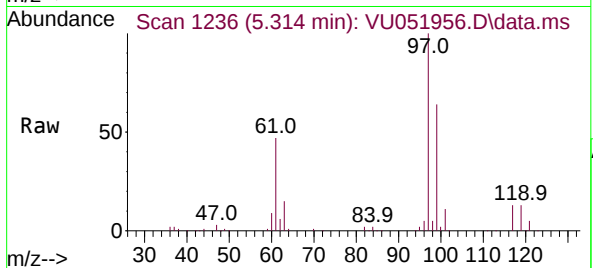




#29
1,1,1-Trichloroethane
Concen: 5.350 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

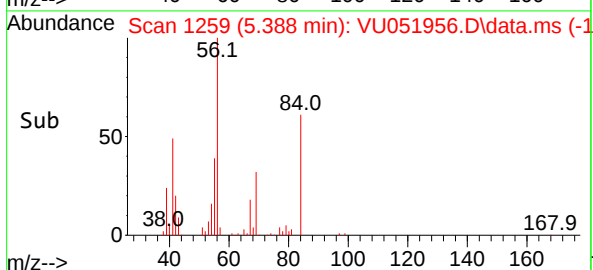
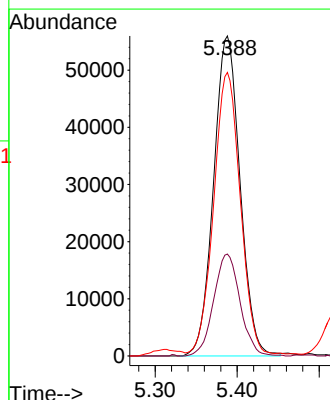
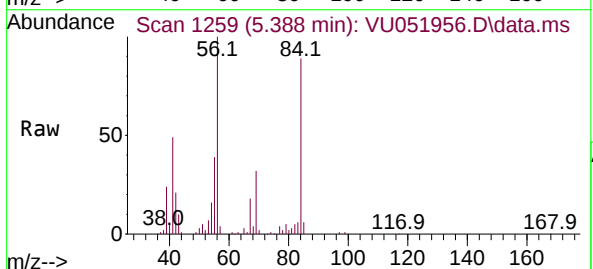
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

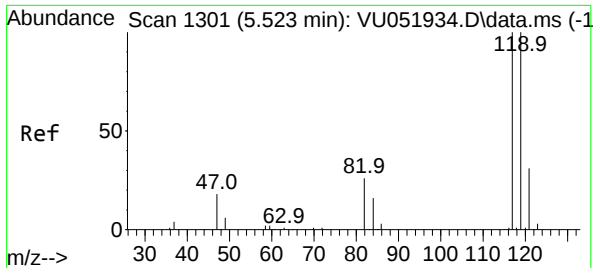
Tgt Ion: 97 Resp: 137614
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 46.6 36.9 55.3



#30
Cyclohexane
Concen: 5.035 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 56 Resp: 125744
Ion Ratio Lower Upper
56 100
69 31.7 25.6 38.4
84 88.1 72.0 108.0

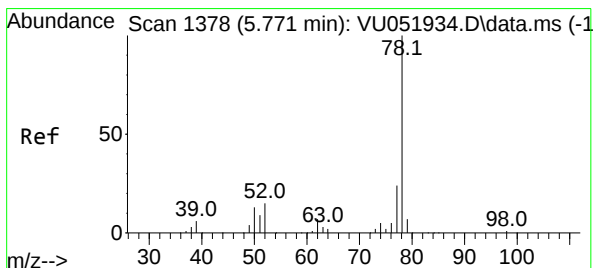
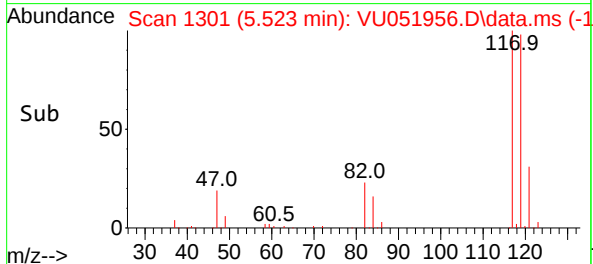
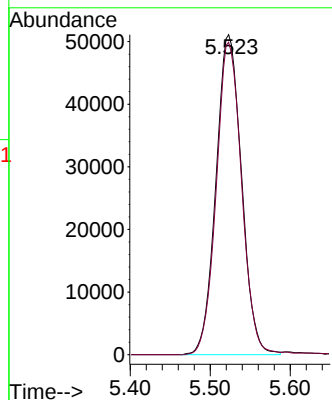
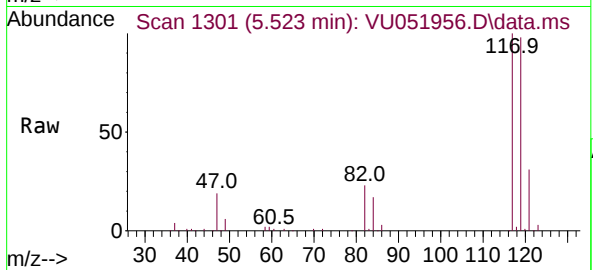




#31
Carbon tetrachloride
Concen: 5.191 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

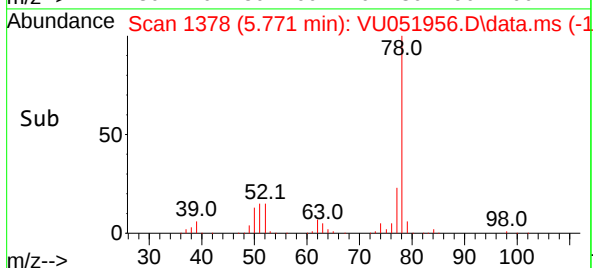
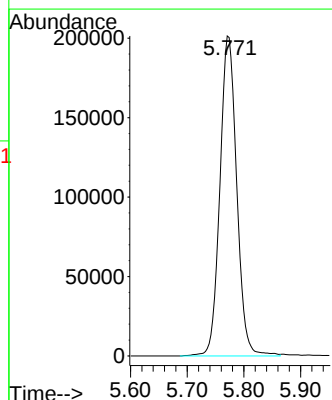
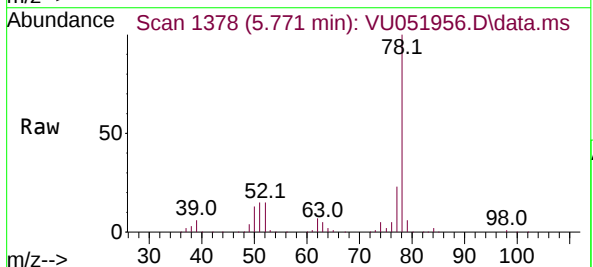
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

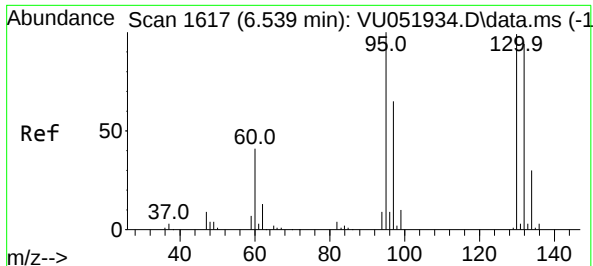
Tgt Ion:117 Resp: 113453
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 5.506 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 78 Resp: 415407





#34

Trichloroethene

Concen: 168.014 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

GBN84MS

Tgt Ion: 95 Resp: 3161752

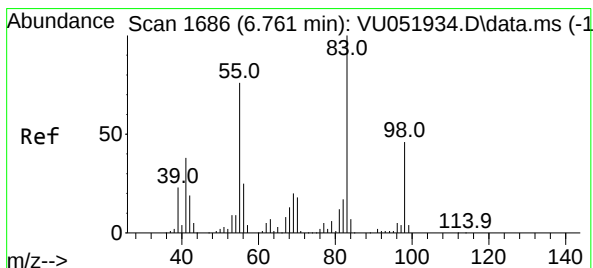
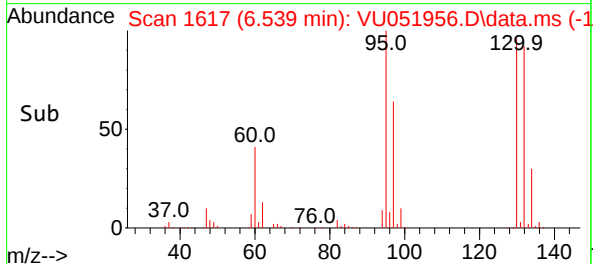
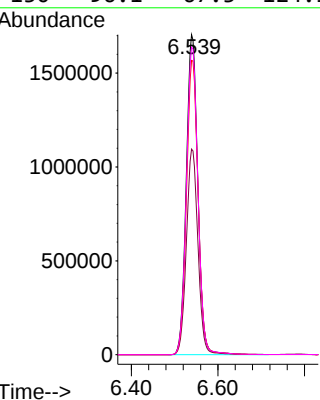
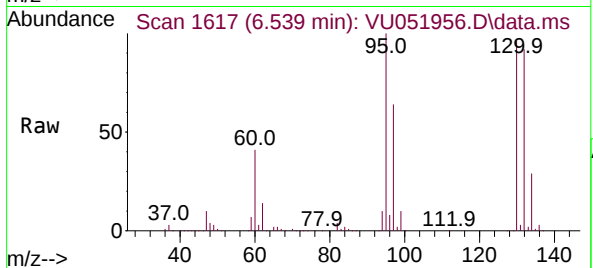
Ion Ratio Lower Upper

95 100

97 64.2 43.7 81.1

132 92.0 64.3 119.3

130 96.1 67.3 124.9



#35

Methylcyclohexane

Concen: 5.114 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

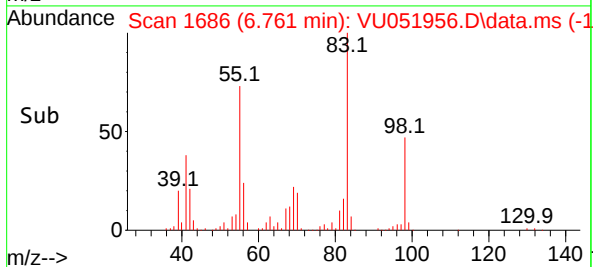
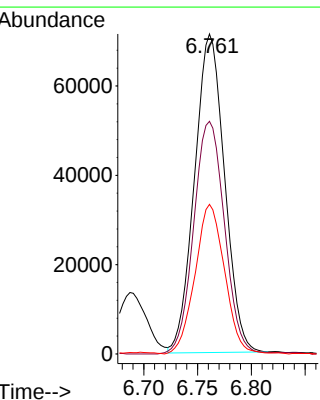
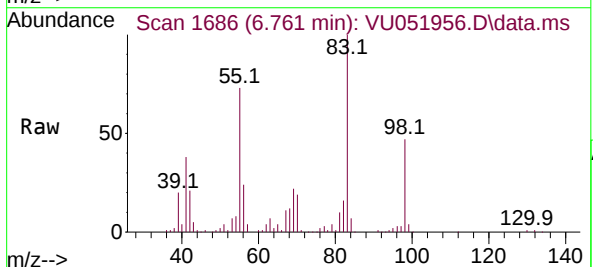
Tgt Ion: 83 Resp: 138449

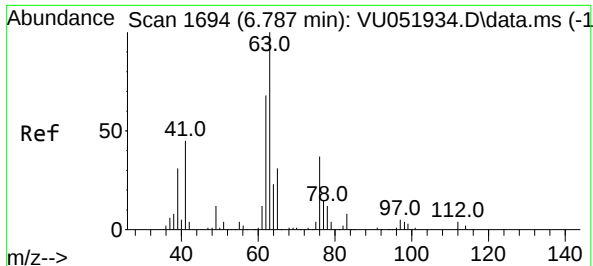
Ion Ratio Lower Upper

83 100

55 75.0 60.8 91.2

98 46.2 35.1 52.7





#37

1,2-Dichloropropane

Concen: 5.268 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

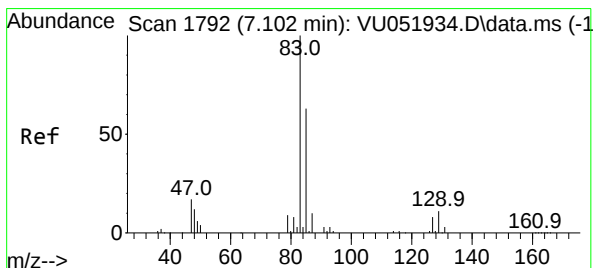
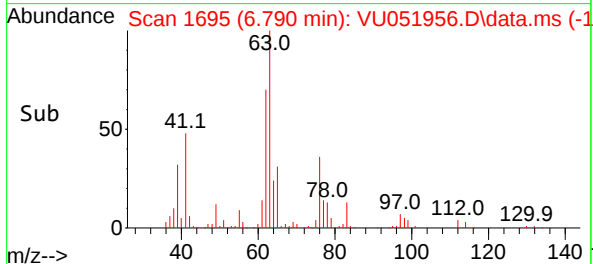
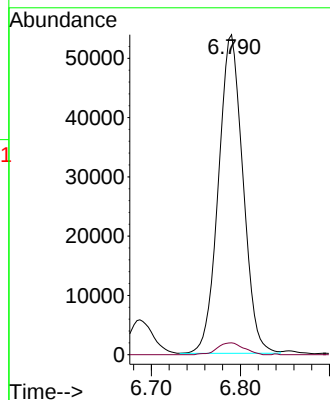
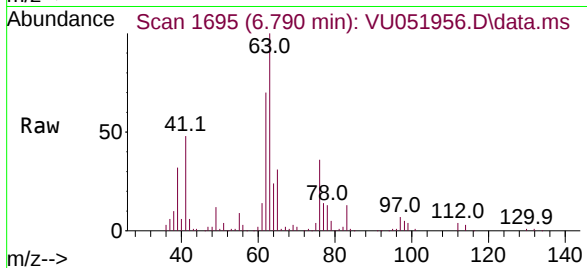
GBN84MS

Tgt Ion: 63 Resp: 102917

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.516 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

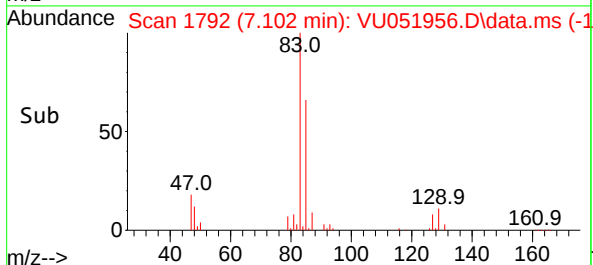
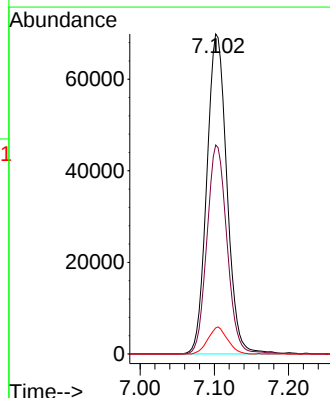
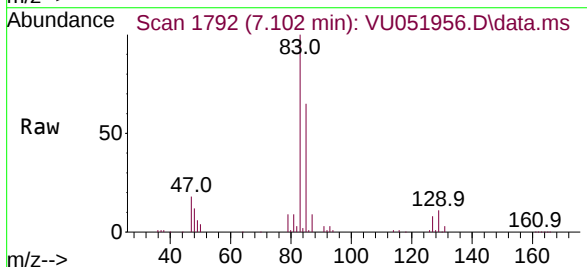
Tgt Ion: 83 Resp: 131374

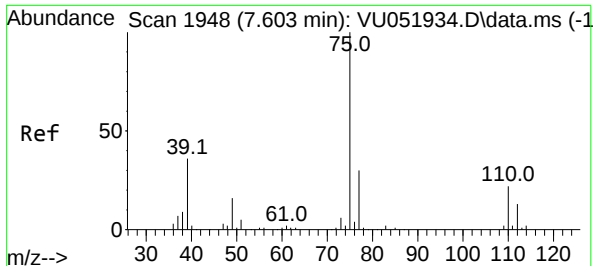
Ion Ratio Lower Upper

83 100

85 65.3 43.5 80.9

127 8.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.998 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

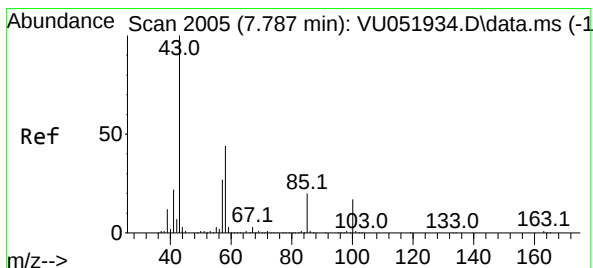
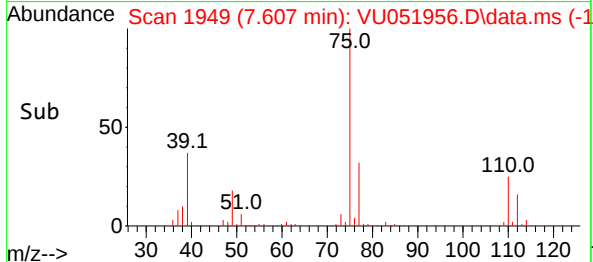
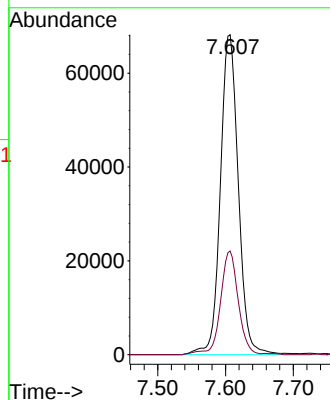
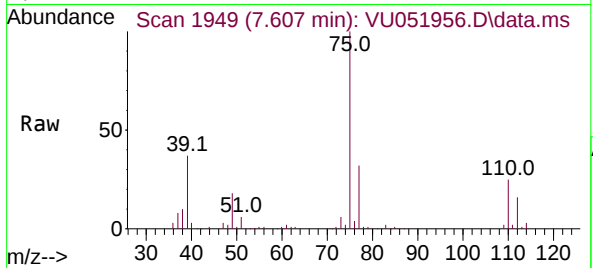
GBN84MS

Tgt Ion: 75 Resp: 125355

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 54.550 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

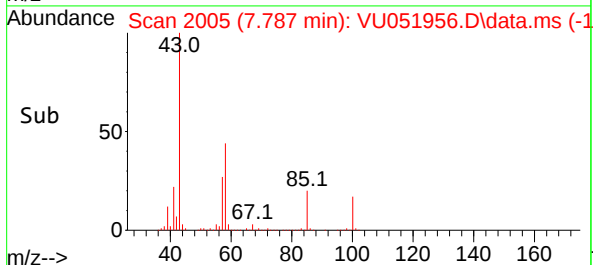
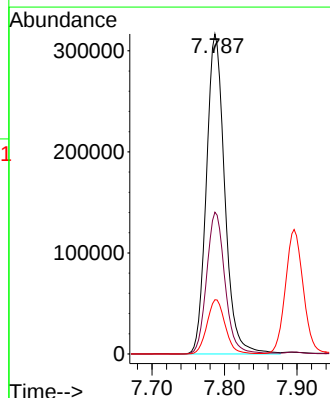
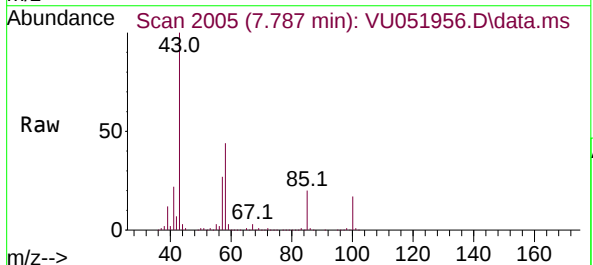
Tgt Ion: 43 Resp: 556635

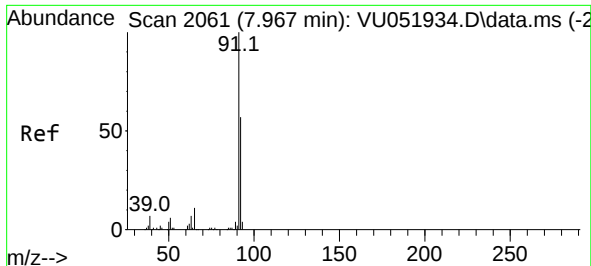
Ion Ratio Lower Upper

43 100

58 44.3 35.3 52.9

100 16.8 13.6 20.4

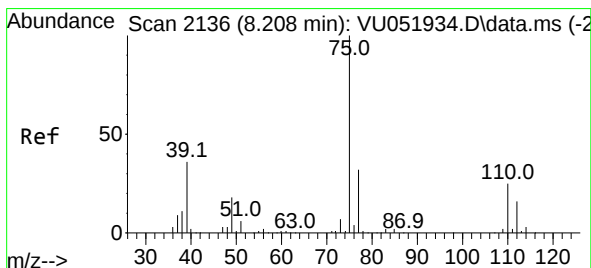
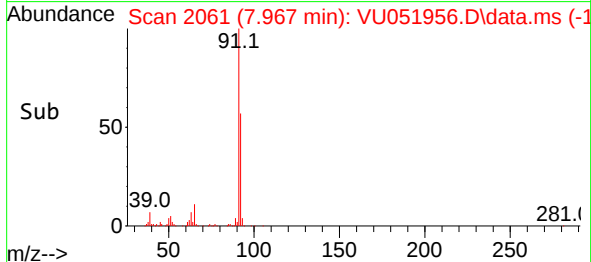
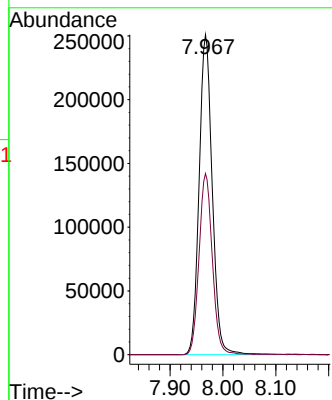
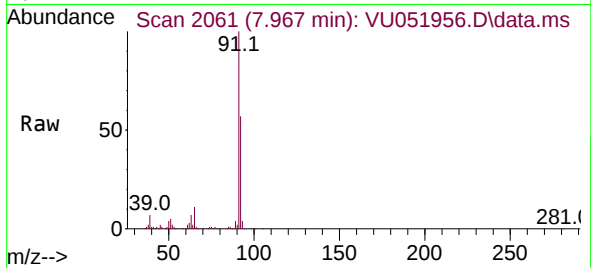




#42
Toluene
Concen: 5.560 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

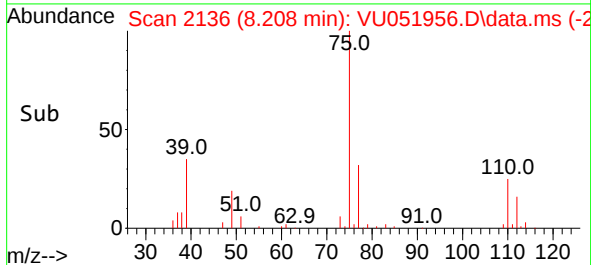
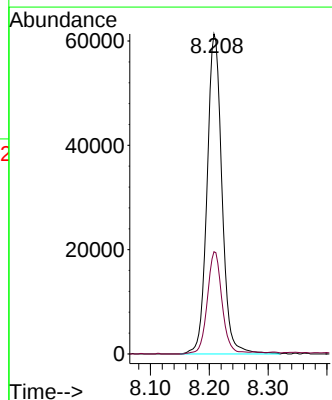
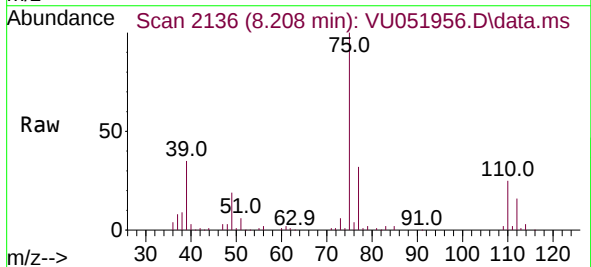
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

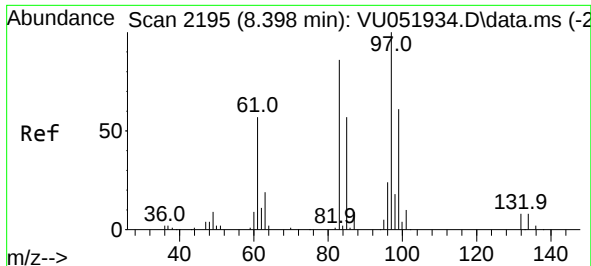
Tgt Ion: 91 Resp: 431500
Ion Ratio Lower Upper
91 100
92 56.6 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.025 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 75 Resp: 107925
Ion Ratio Lower Upper
75 100
77 31.9 22.6 42.0

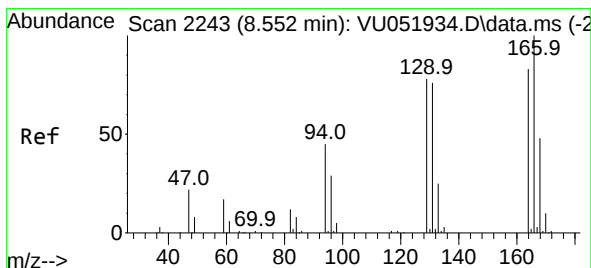
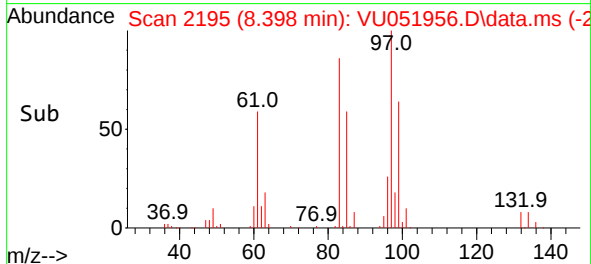
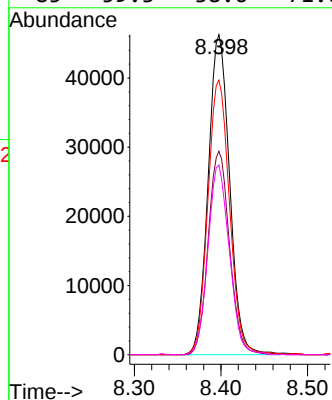
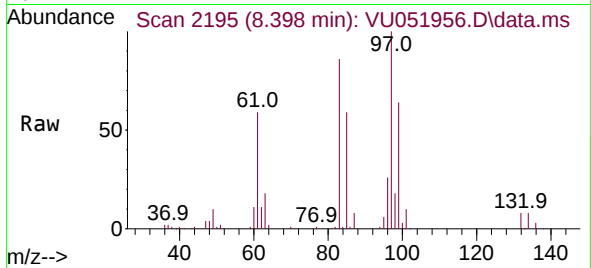




#45
1,1,2-Trichloroethane
Concen: 5.422 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

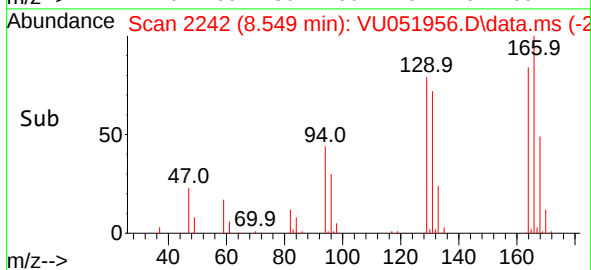
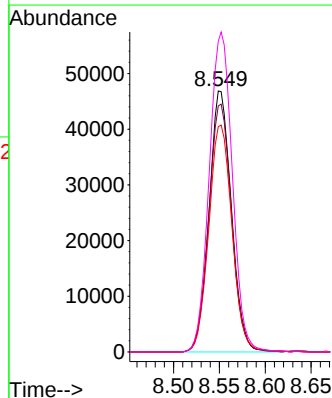
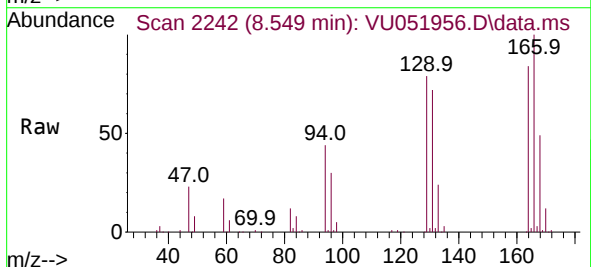
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

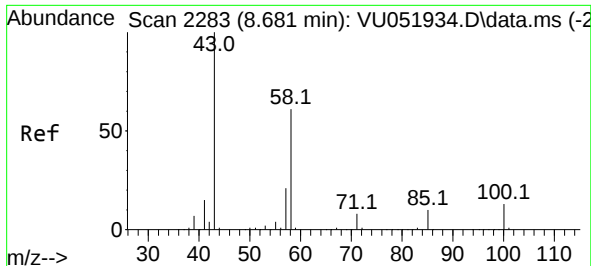
Tgt Ion:	97	Resp:	79599
Ion	Ratio	Lower	Upper
97	100		
99	63.5	42.6	79.2
83	85.8	60.7	112.7
85	59.3	38.6	71.6



#47
Tetrachloroethene
Concen: 5.524 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion:	164	Resp:	79663
Ion	Ratio	Lower	Upper
164	100		
129	94.3	67.4	125.2
131	86.3	67.1	124.7
166	119.1	89.7	166.5



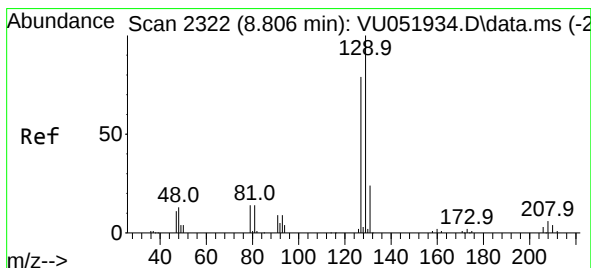
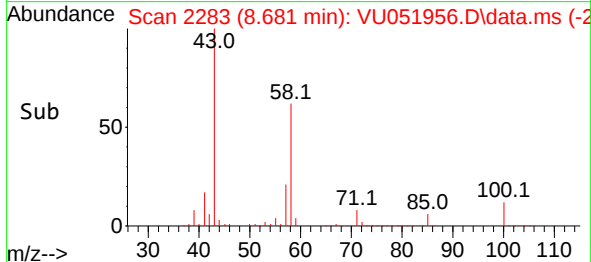
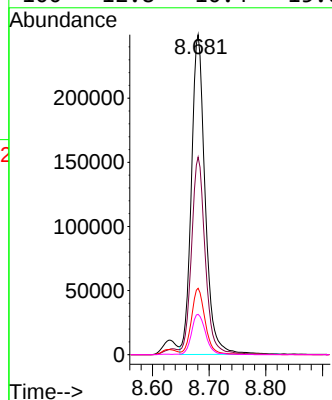
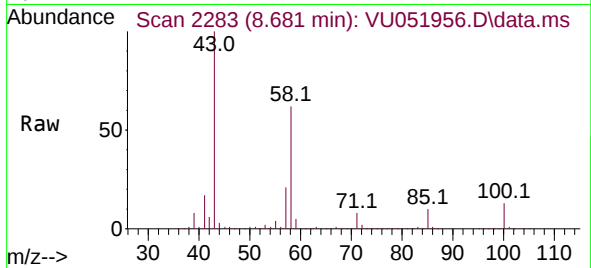


#48
2-Hexanone
Concen: 56.253 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

Tgt Ion: 43 Resp: 420818

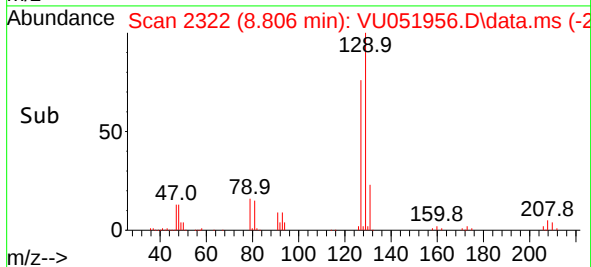
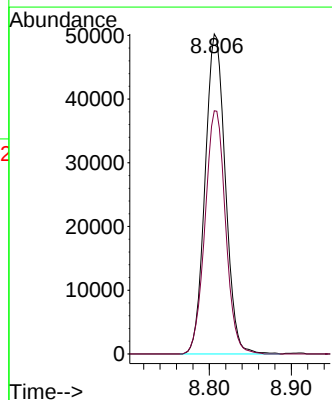
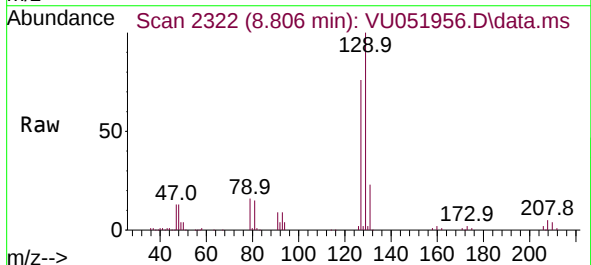
Ion	Ratio	Lower	Upper
43	100		
58	61.8	49.4	74.0
57	20.6	16.3	24.5
100	12.8	10.4	15.6

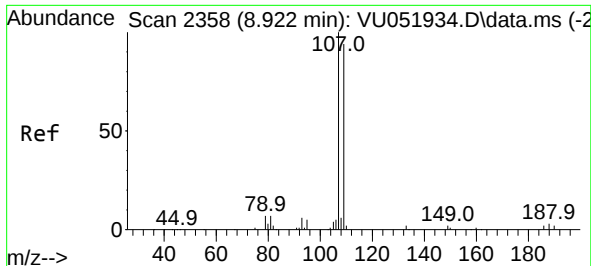


#49
Dibromochloromethane
Concen: 5.241 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 129 Resp: 86166

Ion	Ratio	Lower	Upper
129	100		
127	76.0	52.8	98.2





#50

1,2-Dibromoethane

Concen: 5.398 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

GBN84MS

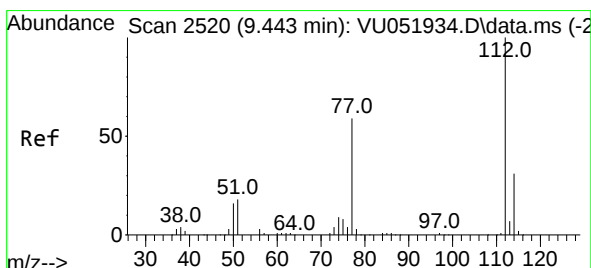
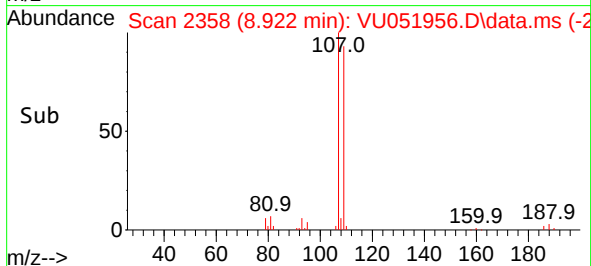
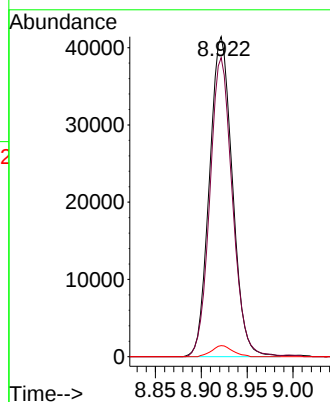
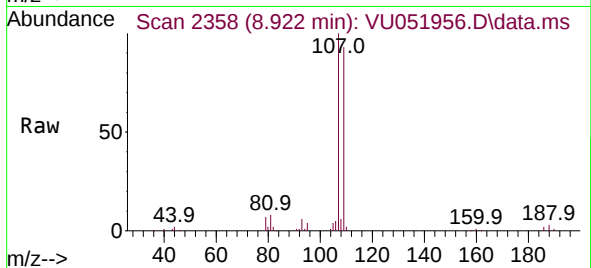
Tgt Ion:107 Resp: 72183

Ion Ratio Lower Upper

107 100

109 93.5 64.9 120.5

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 5.274 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

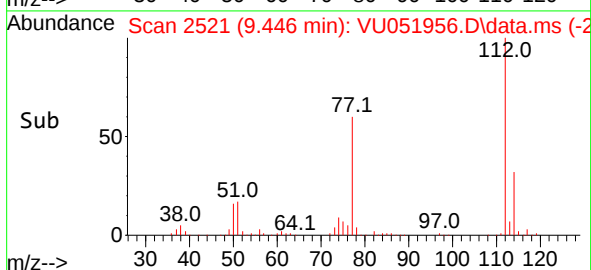
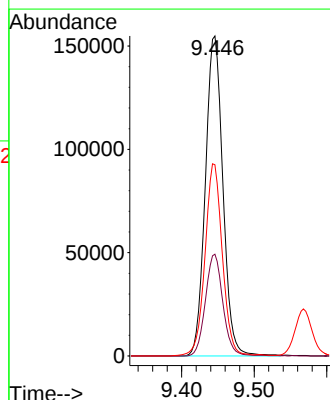
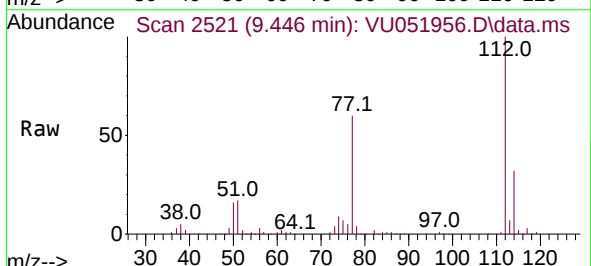
Tgt Ion:112 Resp: 260982

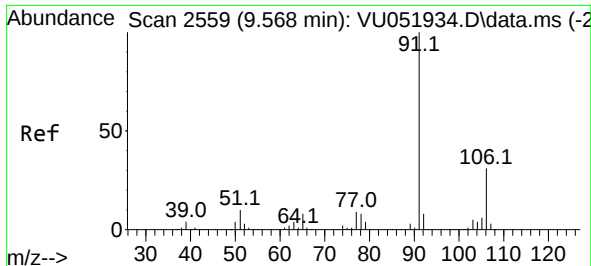
Ion Ratio Lower Upper

112 100

114 31.8 22.2 41.2

77 59.7 46.6 70.0

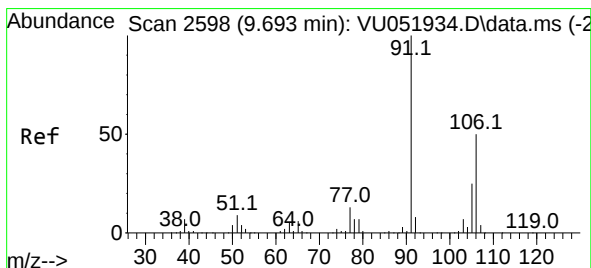
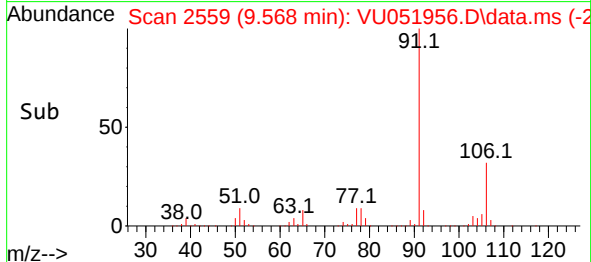
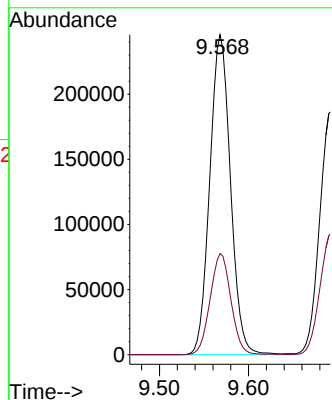
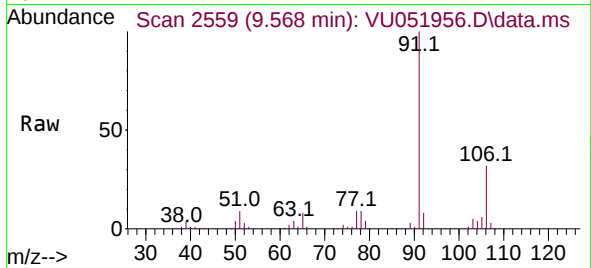




#52
Ethylbenzene
Concen: 5.253 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

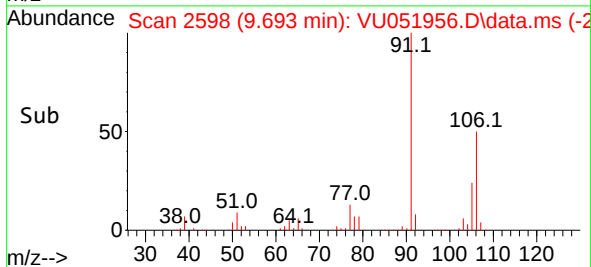
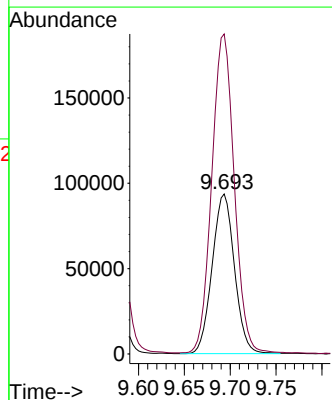
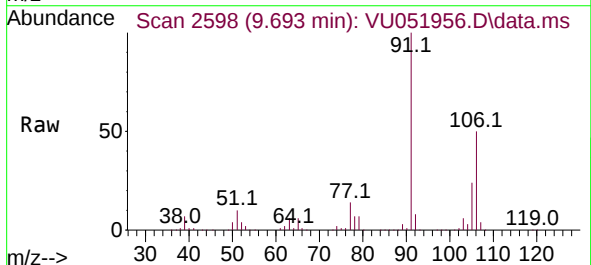
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

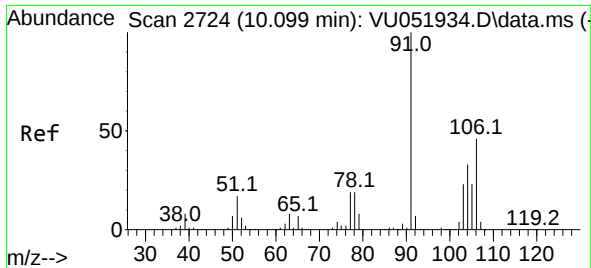
Tgt Ion: 91 Resp: 396342
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 5.417 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 106 Resp: 158266
Ion Ratio Lower Upper
106 100
91 200.1 137.7 255.7

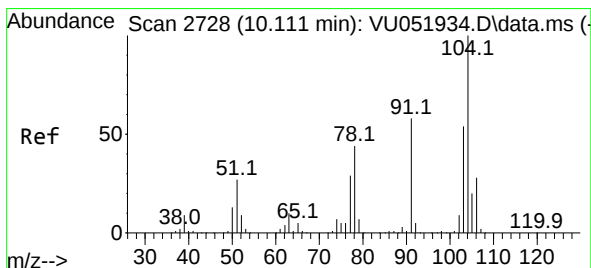
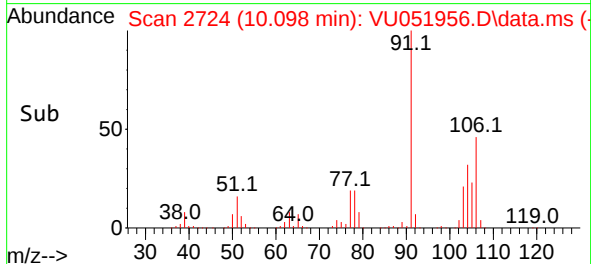
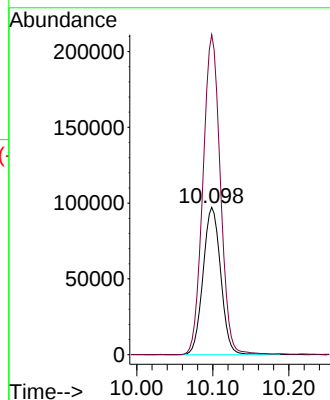
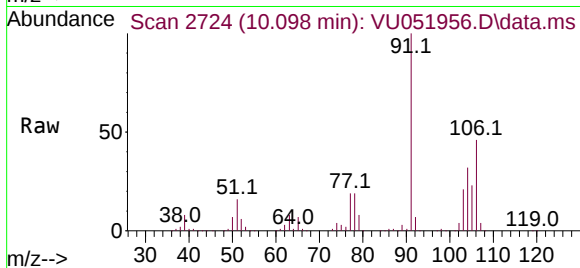




#54
o-Xylene
Concen: 5.599 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

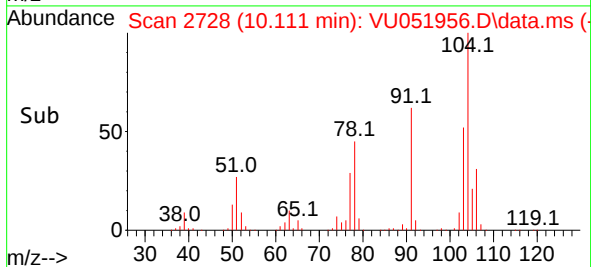
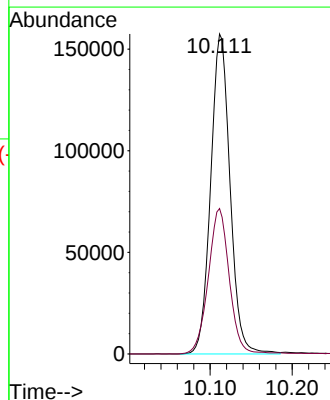
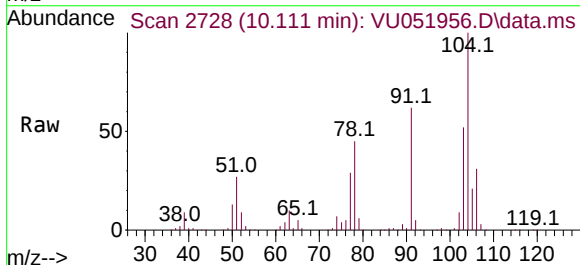
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

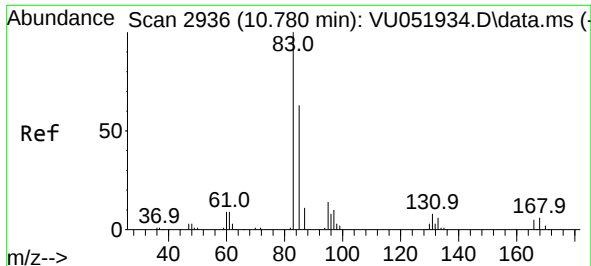
Tgt Ion:106 Resp: 156793
Ion Ratio Lower Upper
106 100
91 217.2 151.5 281.5



#55
Styrene
Concen: 5.481 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion:104 Resp: 259229
Ion Ratio Lower Upper
104 100
78 45.4 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 5.552 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

GBN84MS

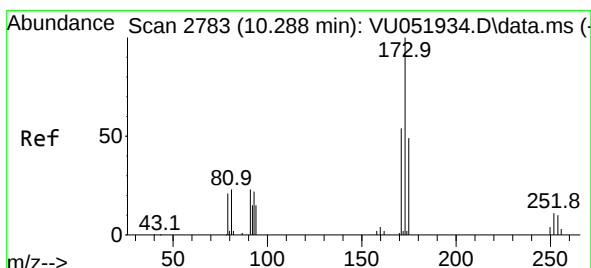
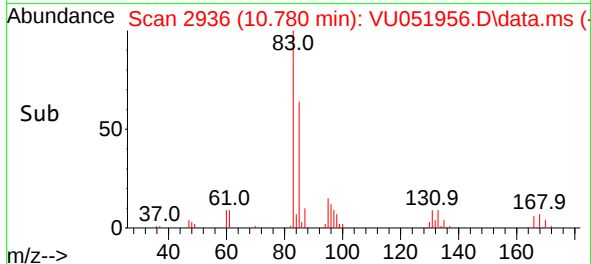
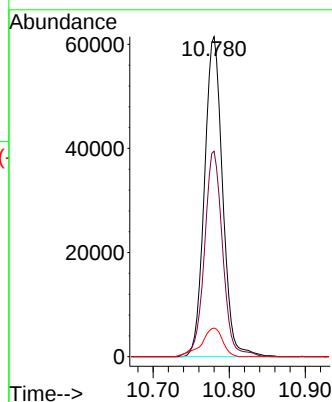
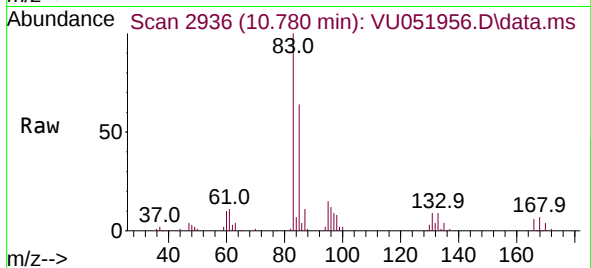
Tgt Ion: 83 Resp: 101796

Ion Ratio Lower Upper

83 100

85 64.2 45.7 84.9

131 9.0 7.6 11.4



#59

Bromoform

Concen: 5.240 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

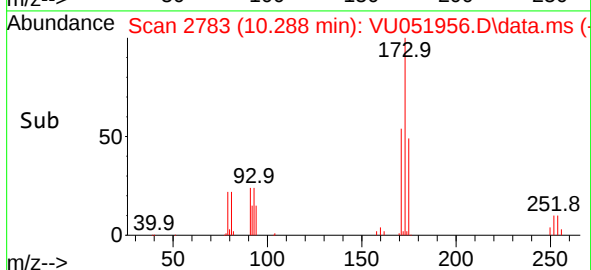
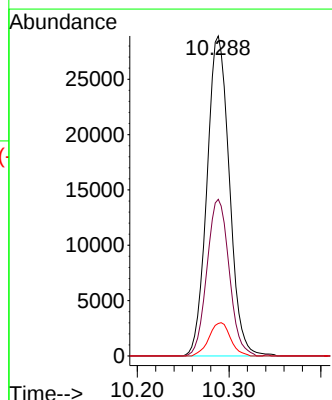
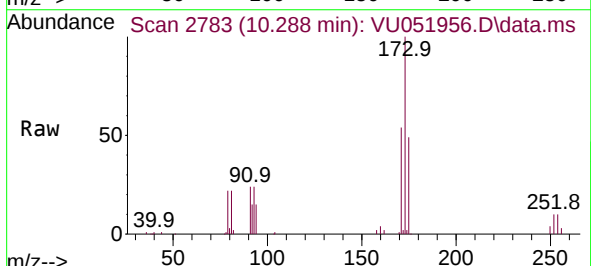
Tgt Ion:173 Resp: 49055

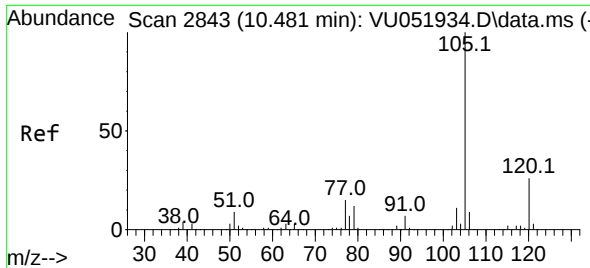
Ion Ratio Lower Upper

173 100

175 48.4 37.2 55.8

254 10.0 7.0 10.6

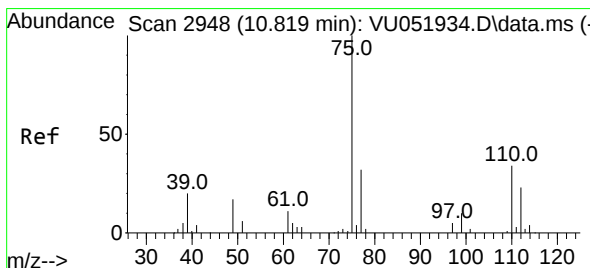
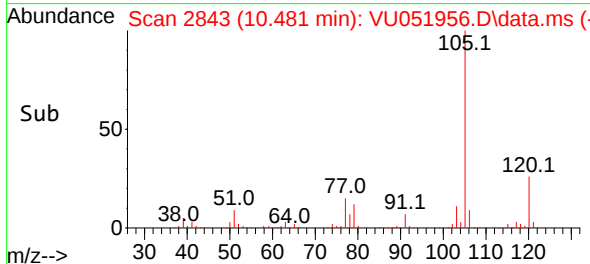
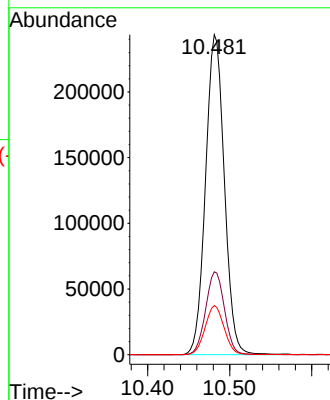
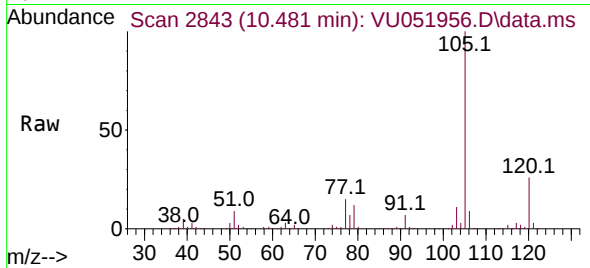




#60
Isopropylbenzene
Concen: 5.422 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

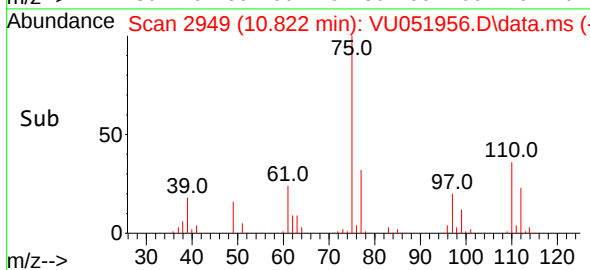
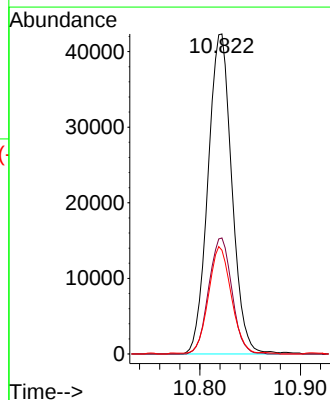
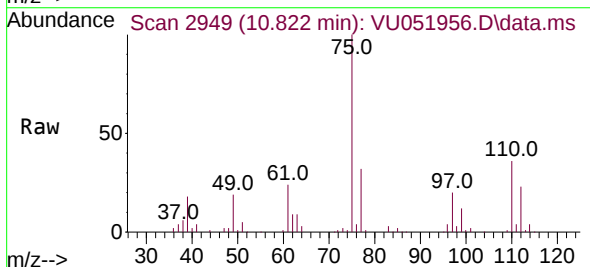
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

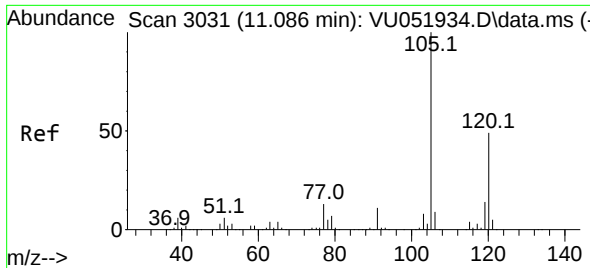
Tgt Ion:105 Resp: 387152
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.360 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion: 75 Resp: 69732
Ion Ratio Lower Upper
75 100
110 35.2 28.3 42.5
77 31.5 26.2 39.2

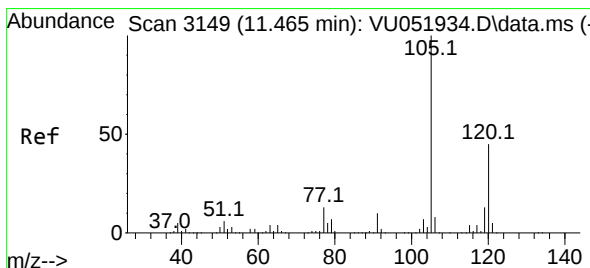
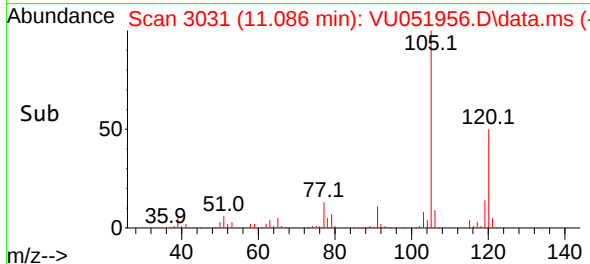
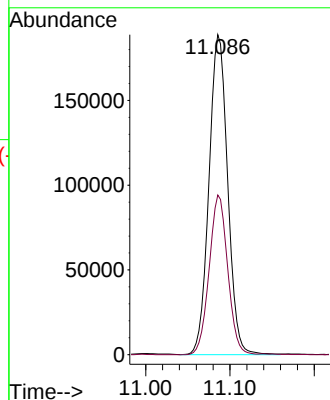
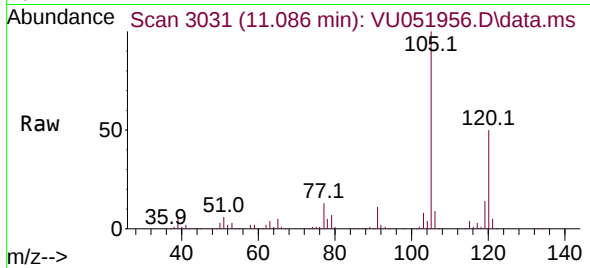




#62
 1,3,5-Trimethylbenzene
 Concen: 5.107 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051956.D
 Acq: 19 Nov 2022 15:41

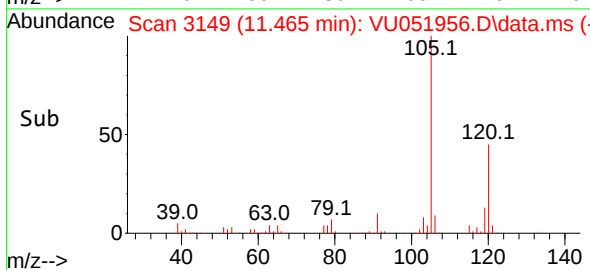
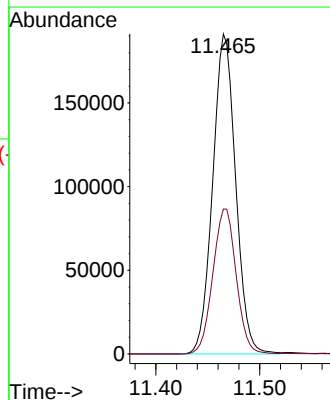
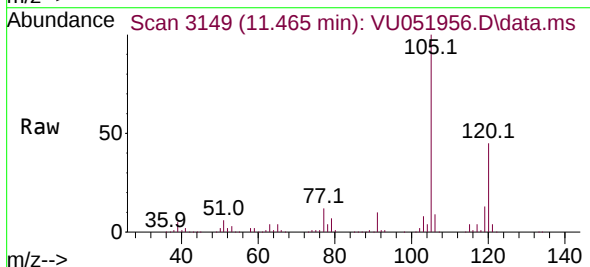
Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84MS

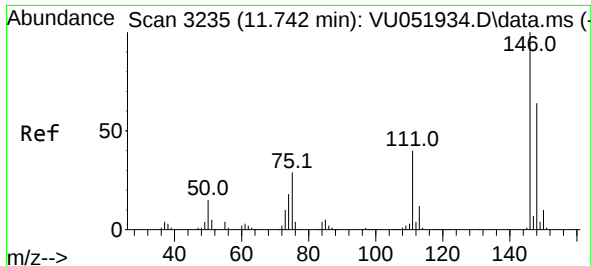
Tgt Ion:105 Resp: 291512
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.179 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051956.D
 Acq: 19 Nov 2022 15:41

Tgt Ion:105 Resp: 293440
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.6 55.0

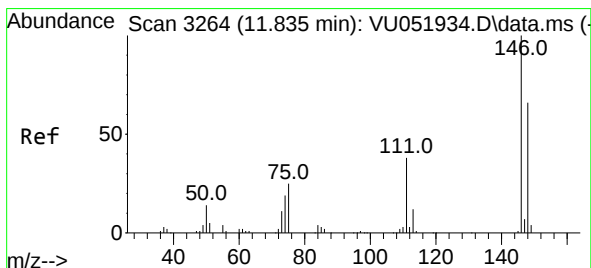
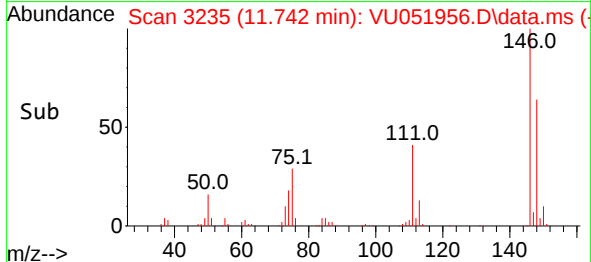
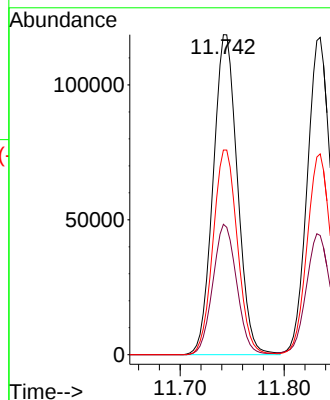
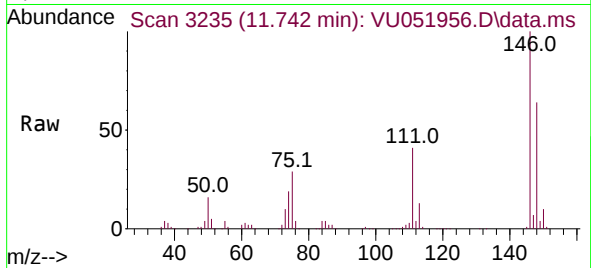




#64
1,3-Dichlorobenzene
Concen: 5.288 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

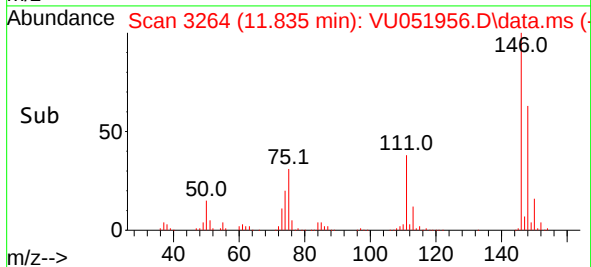
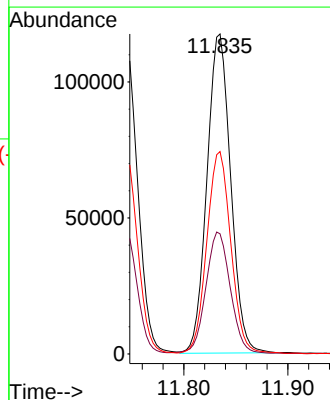
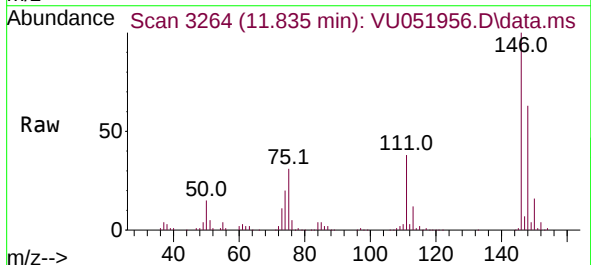
Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

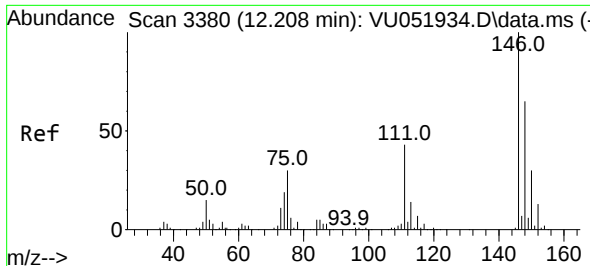
Tgt Ion:146 Resp: 192791
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.2
148 64.0 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 5.125 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion:146 Resp: 186353
Ion Ratio Lower Upper
146 100
111 37.5 26.9 50.1
148 63.3 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.292 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

GBN84MS

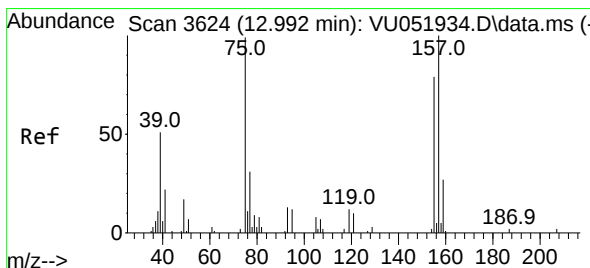
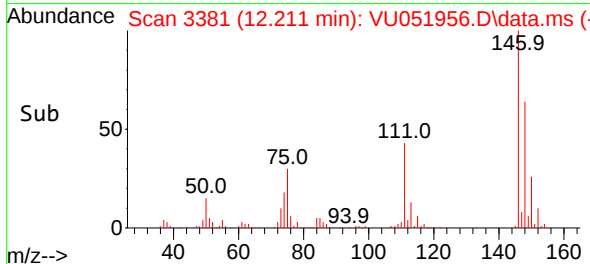
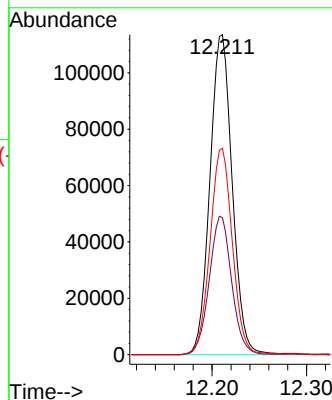
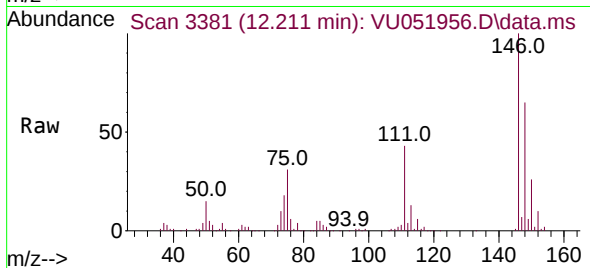
Tgt Ion:146 Resp: 185792

Ion Ratio Lower Upper

146 100

111 42.9 32.7 49.1

148 64.5 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.772 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051956.D

Acq: 19 Nov 2022 15:41

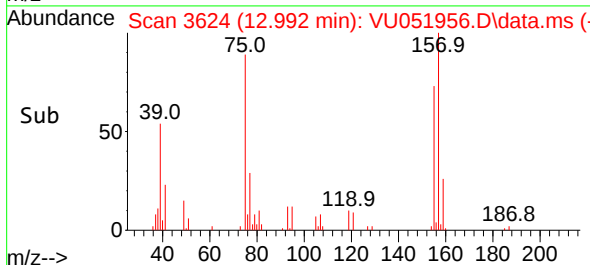
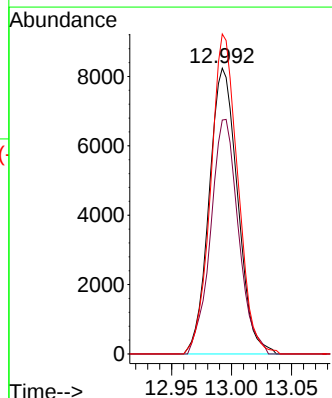
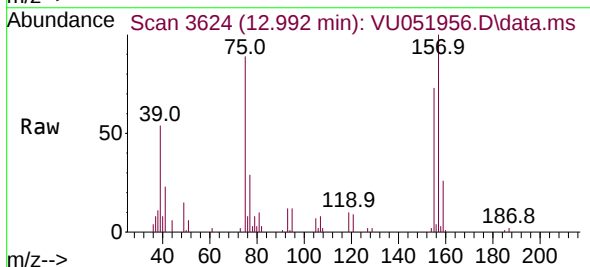
Tgt Ion: 75 Resp: 13586

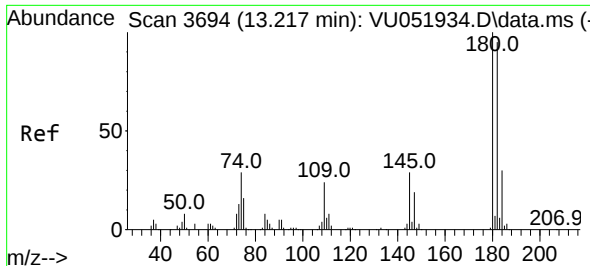
Ion Ratio Lower Upper

75 100

155 81.9 65.4 98.2

157 112.0 80.5 120.7



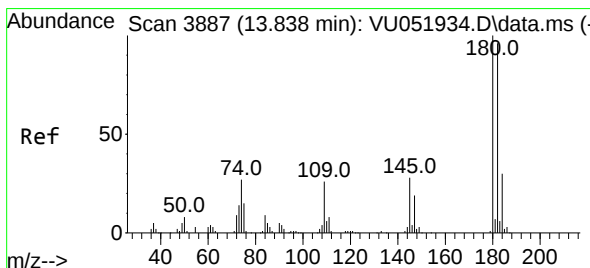
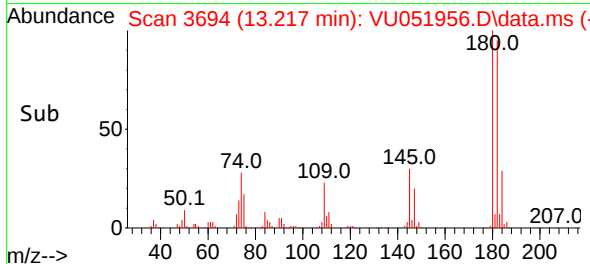
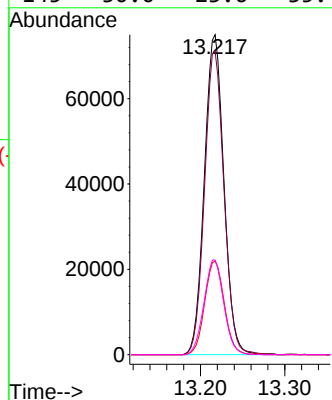
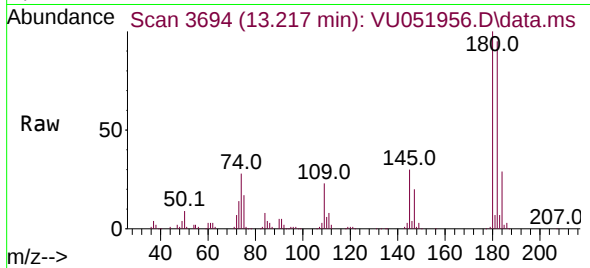


#69
 1,3,5-Trichlorobenzene
 Concen: 4.682 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051956.D
 Acq: 19 Nov 2022 15:41

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84MS

Tgt Ion:180 Resp: 121038

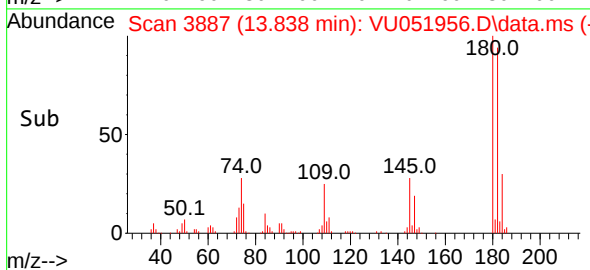
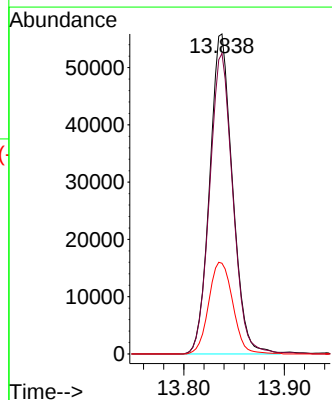
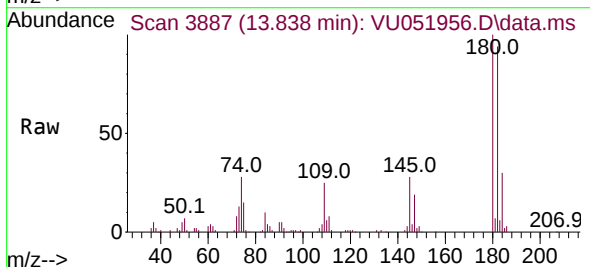
Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.7	113.5
184	29.3	24.3	36.5
145	30.0	23.6	35.4

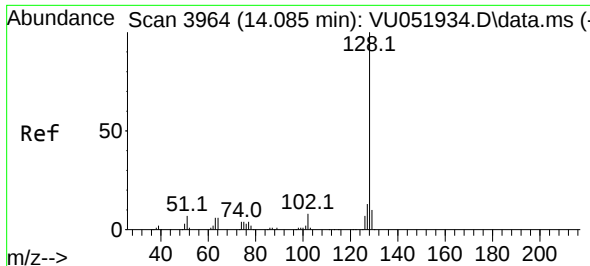


#70
 1,2,4-trichlorobenzene
 Concen: 4.483 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051956.D
 Acq: 19 Nov 2022 15:41

Tgt Ion:180 Resp: 88252

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.3	114.5
145	30.2	24.6	36.8

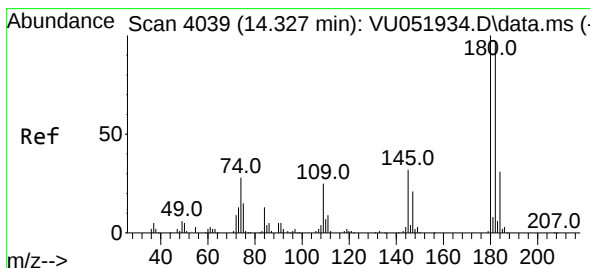
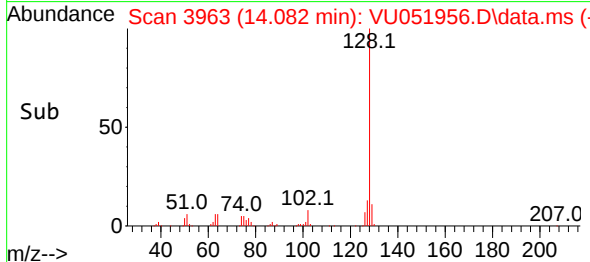
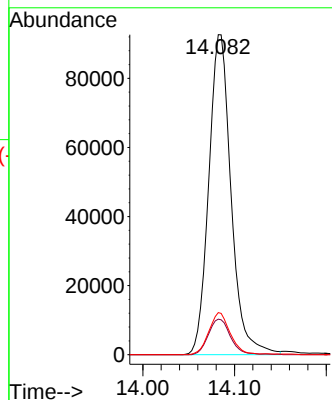
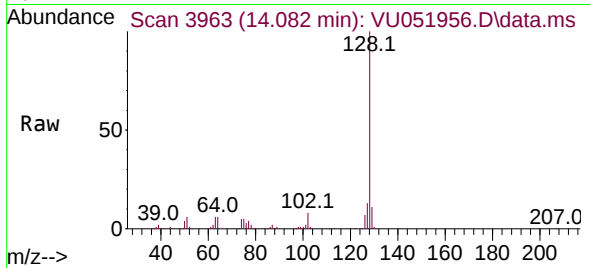




#71
Naphthalene
Concen: 4.244 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
GBN84MS

Tgt Ion:128 Resp: 156874
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.602 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051956.D
Acq: 19 Nov 2022 15:41

Tgt Ion:180 Resp: 89129
Ion Ratio Lower Upper
180 100
182 95.7 75.7 113.5
145 32.6 24.5 36.7

