

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051957.D
 Acq On : 19 Nov 2022 16:08
 Operator : JC/MD
 Sample : N5693-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84MSD

Quant Time: Nov 19 21:45:31 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	242309	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	109194	4.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.909	69	89844	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.565	65	39601	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.617	46	220197	51.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.080%
24) Chloroform-d	5.060	84	181195	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.700	65	88043	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.726	84	373026	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.687	67	116168	5.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.896	98	339230	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.176	79	39067	4.843	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.629	63	182040	53.249	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.500%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101786	5.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	114218	5.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	101400	4.825	ug/L	100
3) Chloromethane	1.527	50	139795	5.097	ug/L	99
5) Vinyl chloride	1.604	62	135171	5.129	ug/L	98
6) Bromomethane	1.848	94	70440	5.209	ug/L	99
8) Chloroethane	1.932	64	81576	4.978	ug/L	96
9) Trichlorofluoromethane	2.138	101	142430	4.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	82509	4.655	ug/L	99
12) 1,1-Dichloroethene	2.578	96	86674	4.931	ug/L	94
13) Acetone	2.620	43	466377	160.758	ug/L	100
14) Carbon disulfide	2.793	76	289140	4.752	ug/L	99
15) Methyl Acetate	2.948	43	26135	3.473	ug/L	99
16) Methylene chloride	3.044	84	241439	10.153	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	198731	5.050	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	104697	5.556	ug/L	97
19) 1,1-Dichloroethane	3.867	63	175237	5.160	ug/L	99
21) 2-Butanone	4.697	43	239776	51.566	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	575689	29.112	ug/L	97
23) Bromochloromethane	4.973	128	49458	5.227	ug/L	93
25) Chloroform	5.086	83	200968	5.840	ug/L	97

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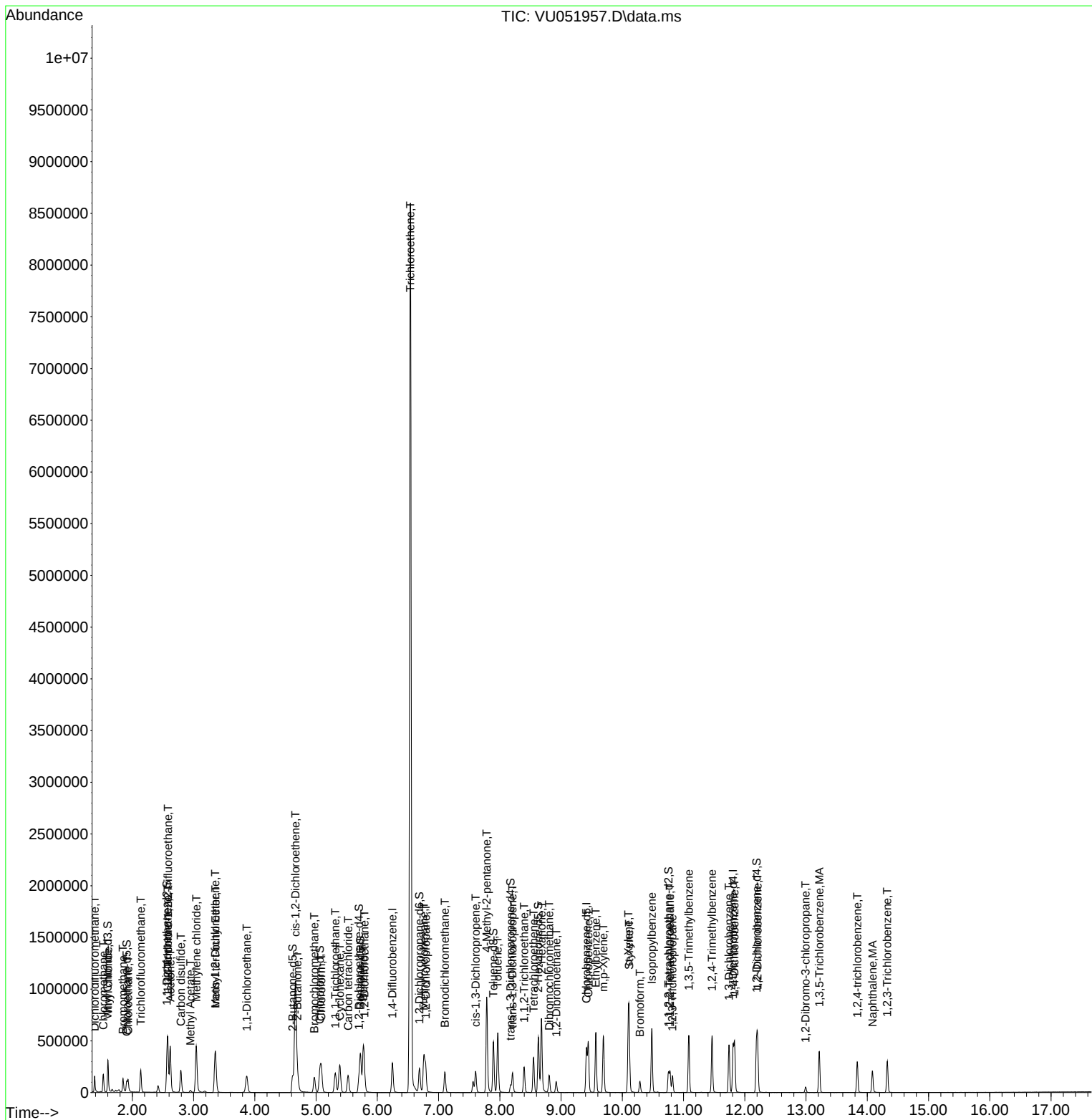
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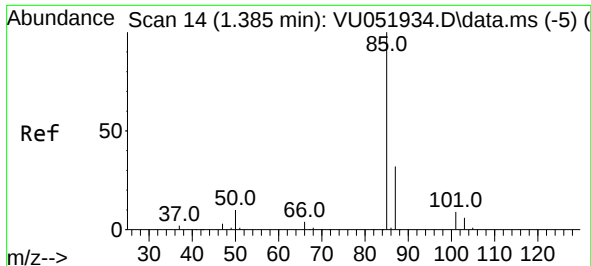
Quant Time: Nov 19 21:45:31 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	111221	5.277	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	137743	5.153	ug/L	99
30) Cyclohexane	5.388	56	127583	4.915	ug/L	99
31) Carbon tetrachloride	5.523	117	114233	5.029	ug/L	100
33) Benzene	5.771	78	415261	5.296	ug/L	100
34) Trichloroethene	6.539	95	3023763	154.606	ug/L	99
35) Methylcyclohexane	6.761	83	141900	5.044	ug/L	98
37) 1,2-Dichloropropane	6.790	63	104375	5.141	ug/L	99
38) Bromodichloromethane	7.102	83	131253	5.303	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	127232	4.881	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	565206	53.296	ug/L	99
42) Toluene	7.967	91	438610	5.438	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	108666	4.868	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	79819	5.232	ug/L	97
47) Tetrachloroethene	8.552	164	78784	5.256	ug/L	99
48) 2-Hexanone	8.681	43	425824	54.770	ug/L	99
49) Dibromochloromethane	8.806	129	87266	5.107	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72112	5.189	ug/L	100
51) Chlorobenzene	9.446	112	269062	5.232	ug/L	100
52) Ethylbenzene	9.568	91	407962	5.203	ug/L	98
53) m,p-Xylene	9.690	106	164033	5.402	ug/L	96
54) o-Xylene	10.099	106	159836	5.492	ug/L	100
55) Styrene	10.111	104	266736	5.427	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	103293	5.421	ug/L	99
59) Bromoform	10.288	173	50075	5.116	ug/L	99
60) Isopropylbenzene	10.481	105	397522	5.325	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	70367	5.173	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	298986	5.010	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	303681	5.127	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	196445	5.154	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	194566	5.118	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	193910	5.283	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14587	4.901	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	127352	4.712	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	96207	4.674	ug/L	99
71) Naphthalene	14.086	128	180547	4.672	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	97730	4.826	ug/L	99

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

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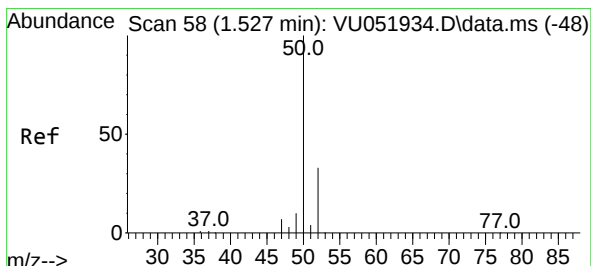
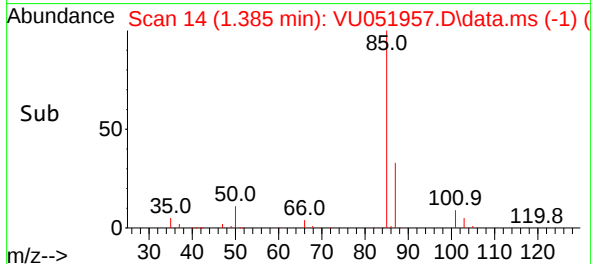
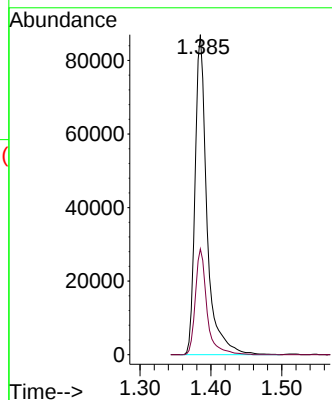
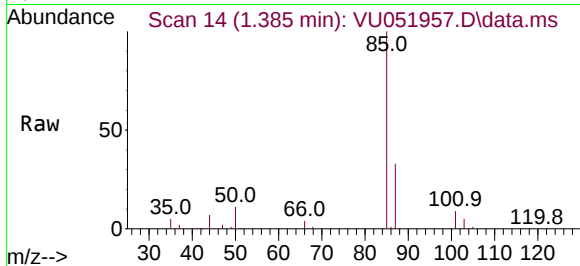




#2
Dichlorodifluoromethane
Concen: 4.825 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

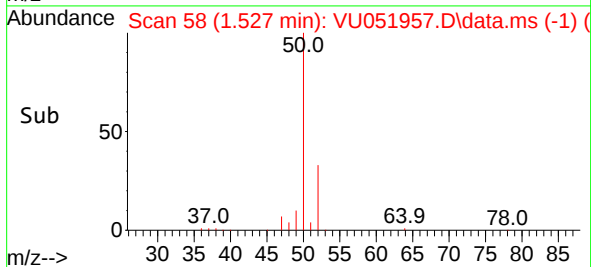
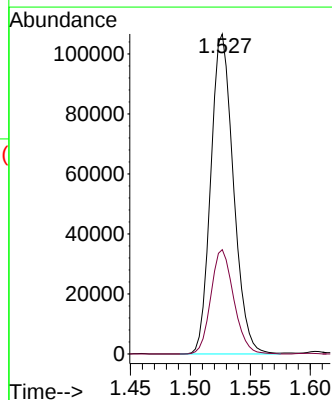
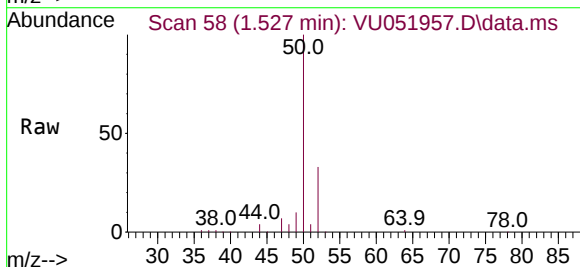
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

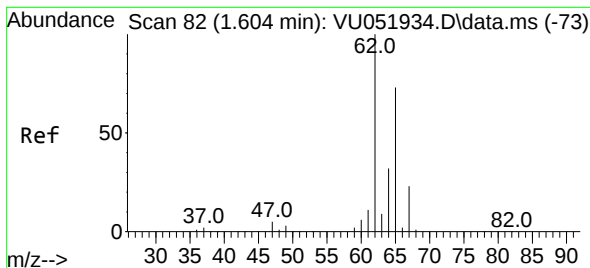
Tgt Ion: 85 Resp: 101400
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.8



#3
Chloromethane
Concen: 5.097 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion: 50 Resp: 139795
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.4





#5

Vinyl chloride

Concen: 5.129 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

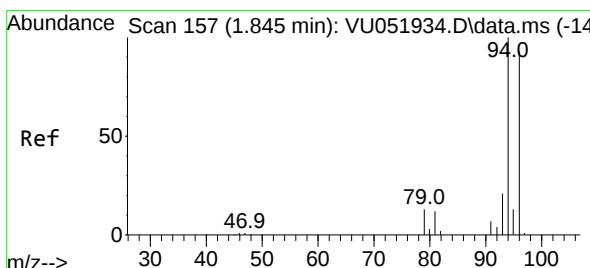
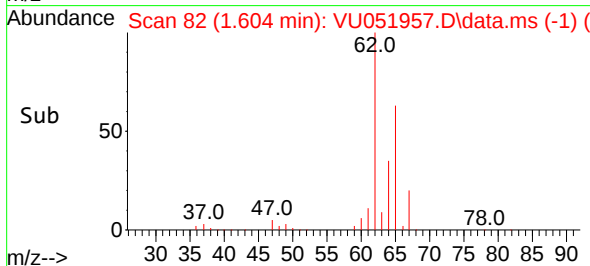
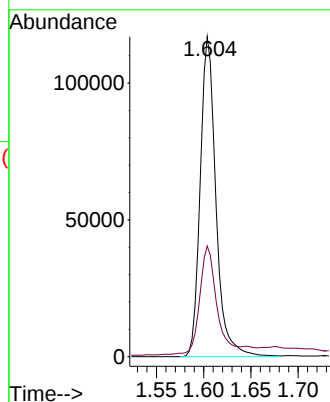
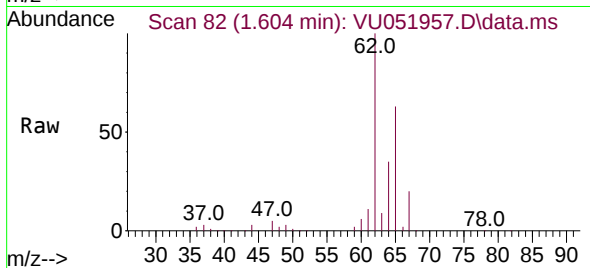
GBN84MSD

Tgt Ion: 62 Resp: 135171

Ion Ratio Lower Upper

62 100

64 34.6 23.5 43.7



#6

Bromomethane

Concen: 5.209 ug/L

RT: 1.848 min Scan# 158

Delta R.T. 0.003 min

Lab File: VU051957.D

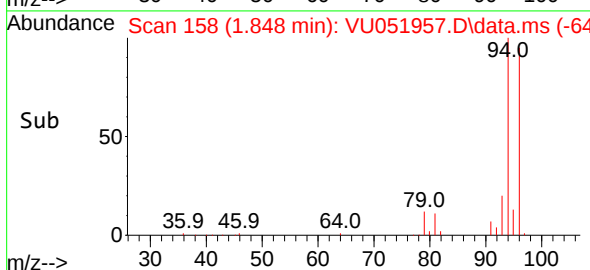
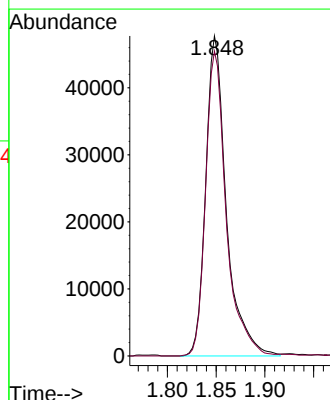
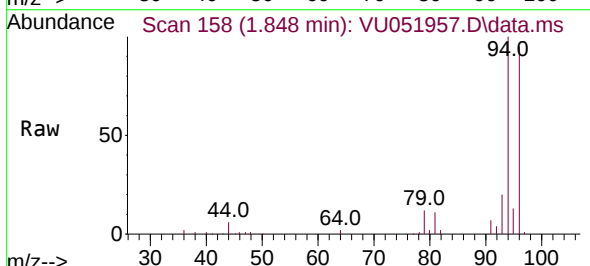
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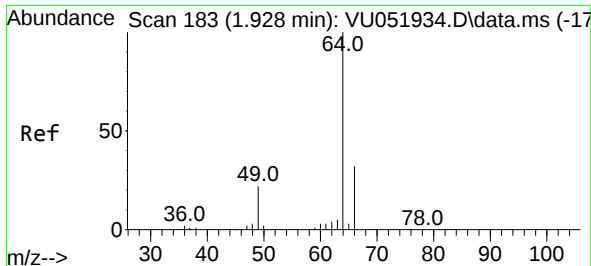
Tgt Ion: 94 Resp: 70440

Ion Ratio Lower Upper

94 100

96 95.3 65.7 122.1

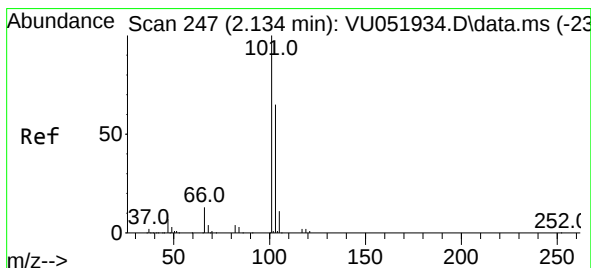
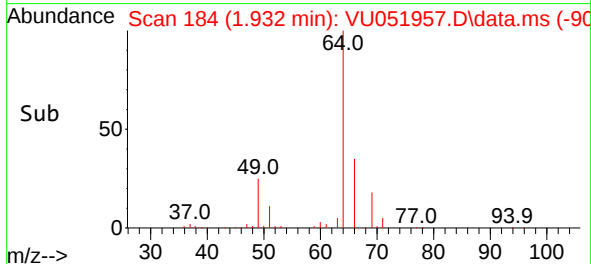
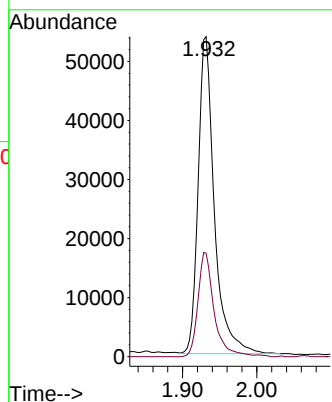
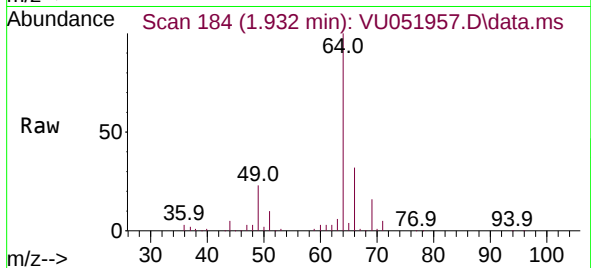




#8
Chloroethane
Concen: 4.978 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

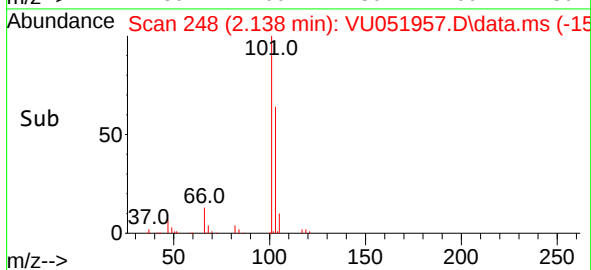
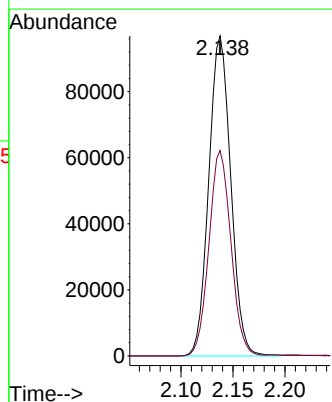
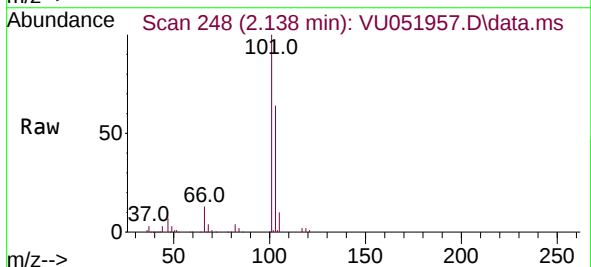
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

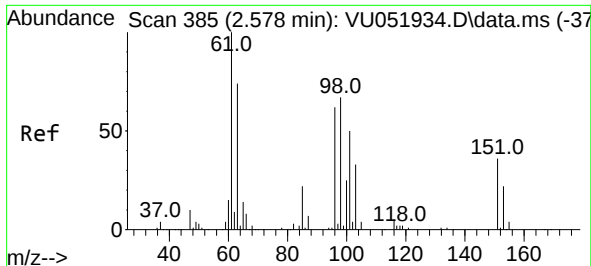
Tgt Ion: 64 Resp: 81576
Ion Ratio Lower Upper
64 100
66 32.4 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.913 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion: 101 Resp: 142430
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

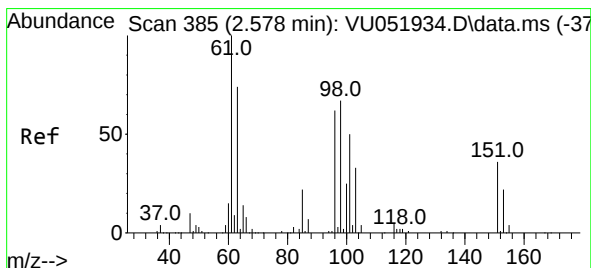
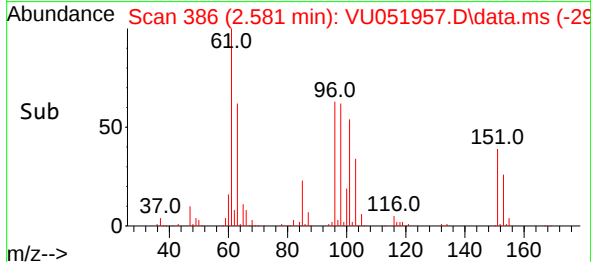
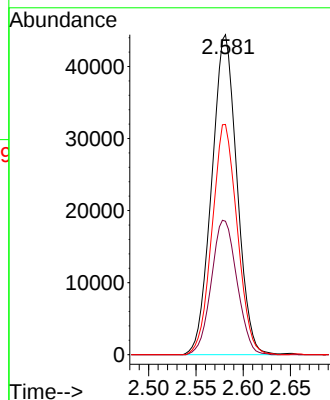
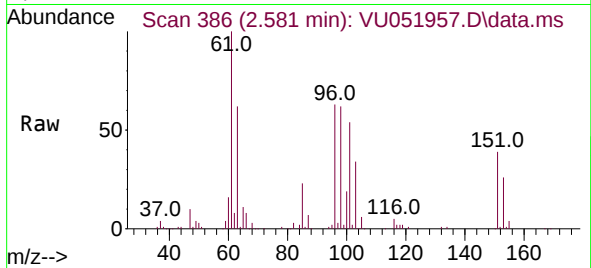




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.655 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

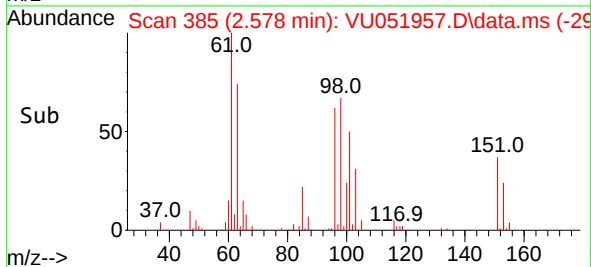
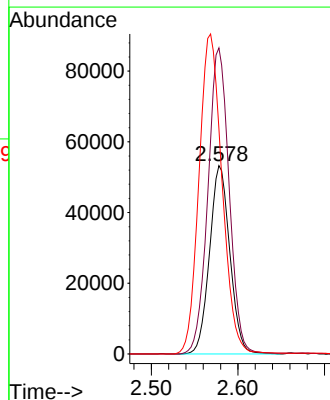
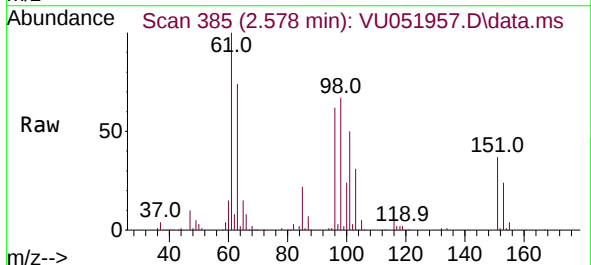
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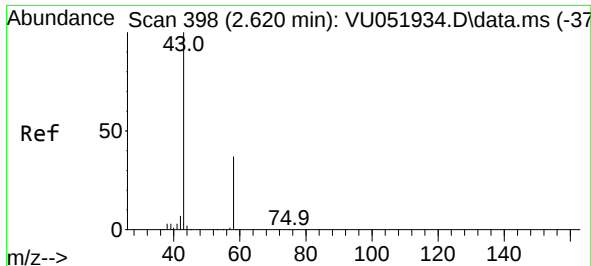
Tgt Ion:101 Resp: 82509
Ion Ratio Lower Upper
101 100
85 42.5 33.8 50.6
151 71.8 58.6 88.0



#12
1,1-Dichloroethene
Concen: 4.931 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion: 96 Resp: 86674
Ion Ratio Lower Upper
96 100
61 162.5 114.8 213.2
63 119.6 93.7 174.1





#13

Acetone

Concen: 160.758 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

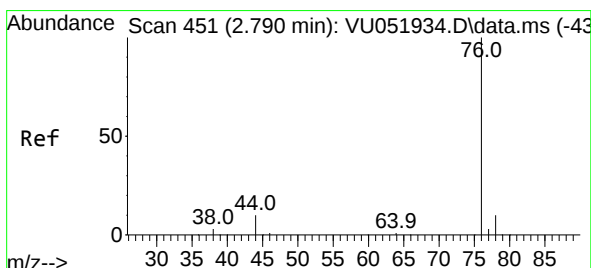
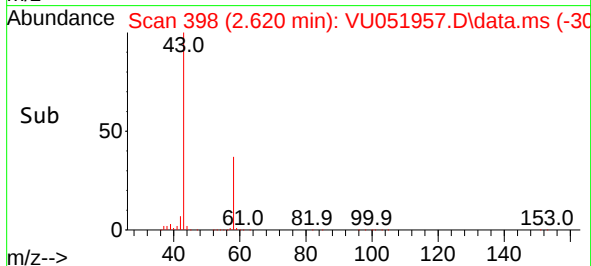
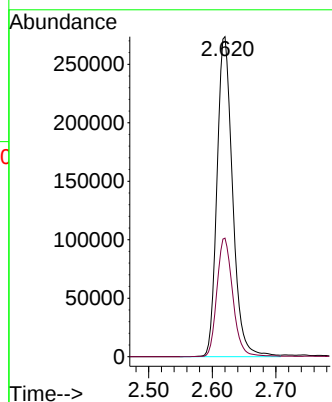
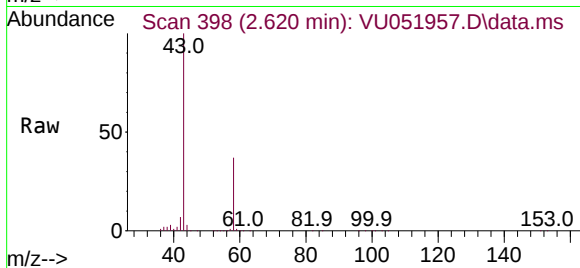
GBN84MSD

Tgt Ion: 43 Resp: 466377

Ion Ratio Lower Upper

43 100

58 37.7 0.0 76.0



#14

Carbon disulfide

Concen: 4.752 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051957.D

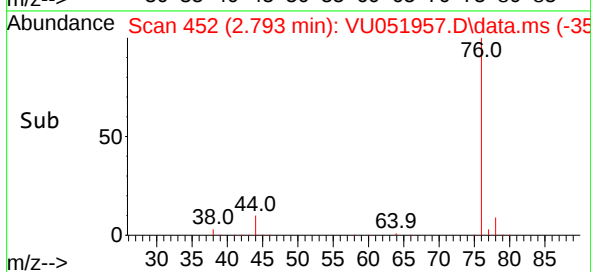
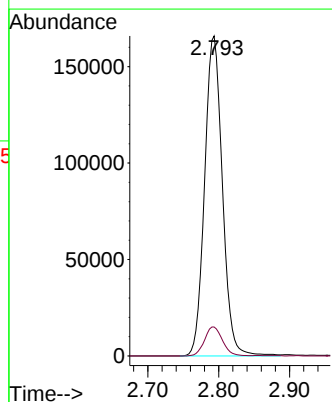
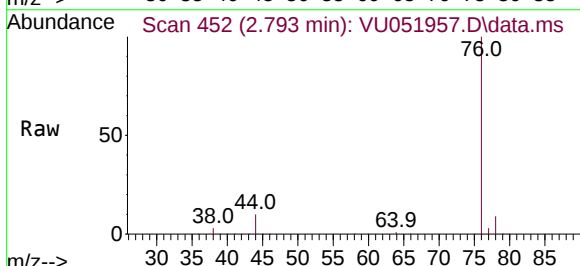
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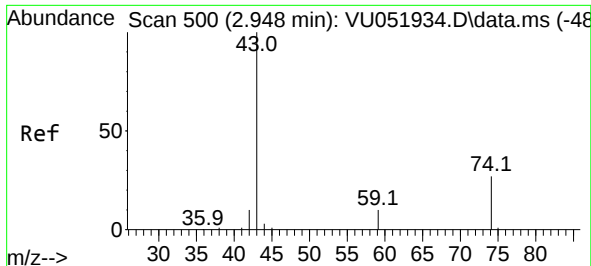
Tgt Ion: 76 Resp: 289140

Ion Ratio Lower Upper

76 100

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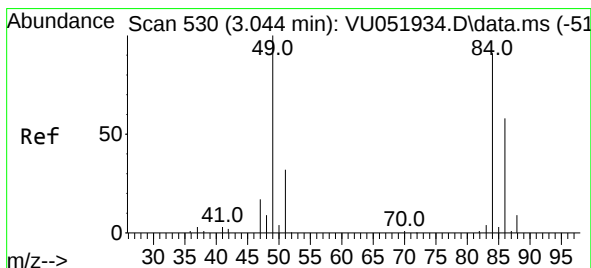
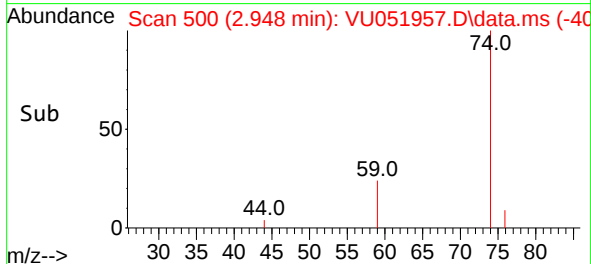
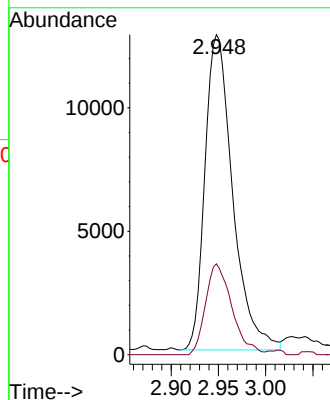
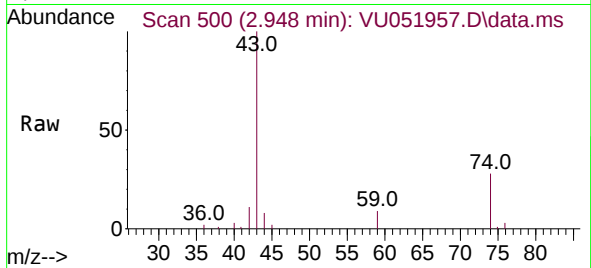




#15
Methyl Acetate
Concen: 3.473 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

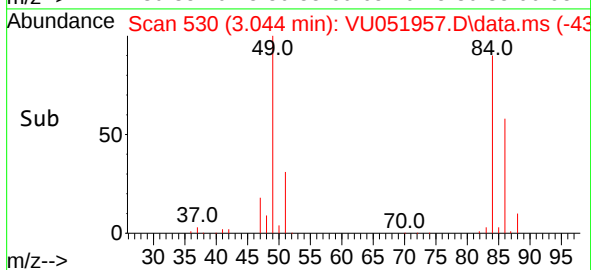
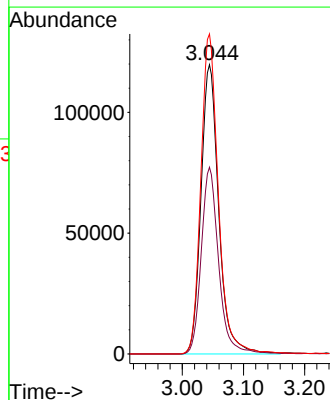
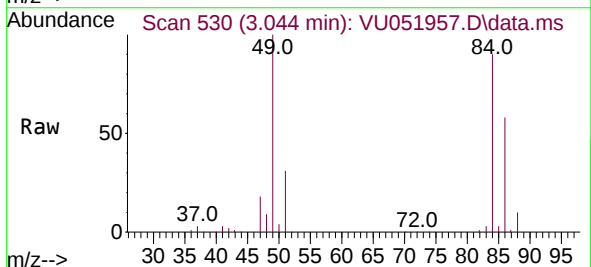
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

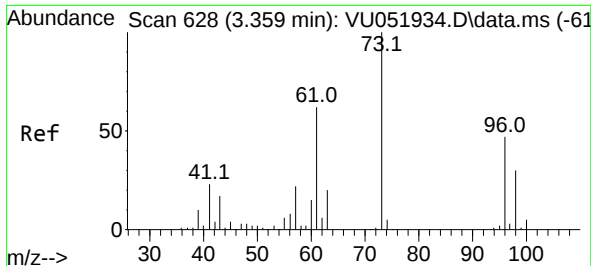
Tgt Ion: 43 Resp: 26135
Ion Ratio Lower Upper
43 100
74 27.3 21.3 31.9



#16
Methylene chloride
Concen: 10.153 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion: 84 Resp: 241439
Ion Ratio Lower Upper
84 100
86 64.5 43.8 81.4
49 110.6 75.9 141.1





#17

Methyl tert-butyl Ether

Concen: 5.050 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBN84MSD

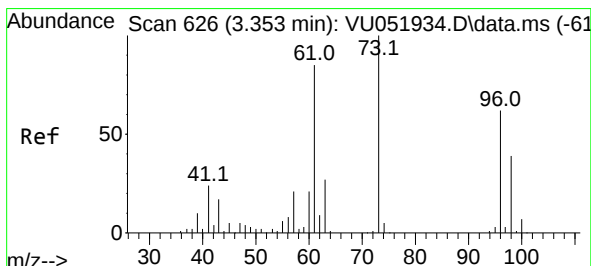
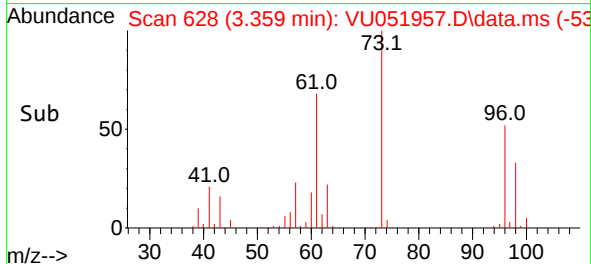
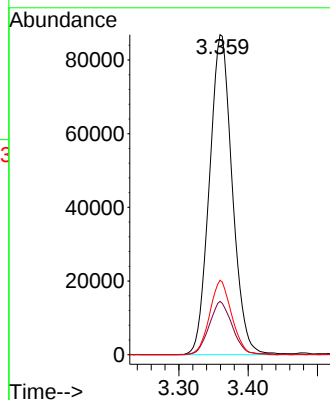
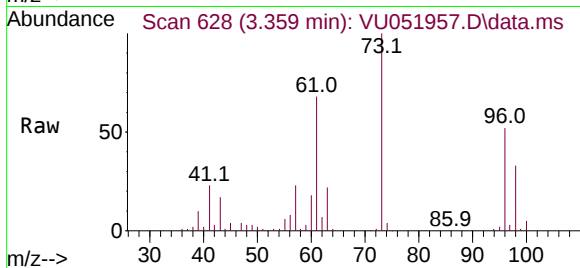
Tgt Ion: 73 Resp: 198731

Ion Ratio Lower Upper

73 100

43 16.8 13.2 19.8

57 22.5 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.556 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

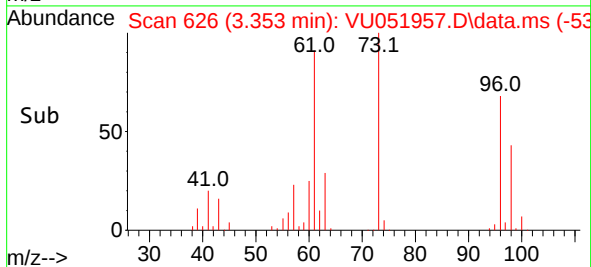
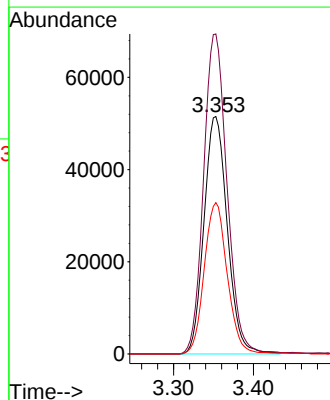
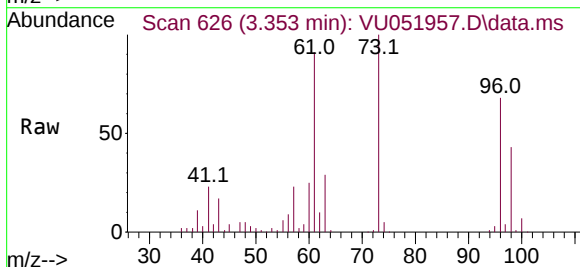
Tgt Ion: 96 Resp: 104697

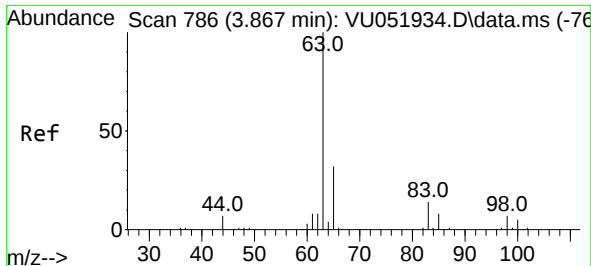
Ion Ratio Lower Upper

96 100

61 134.7 97.9 181.7

98 63.7 43.8 81.3

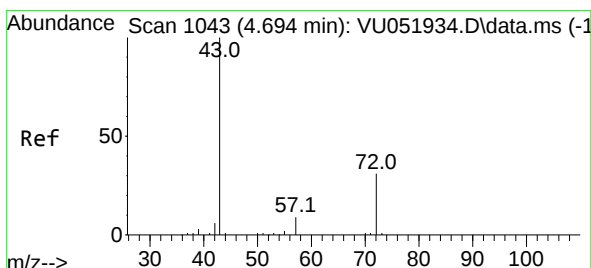
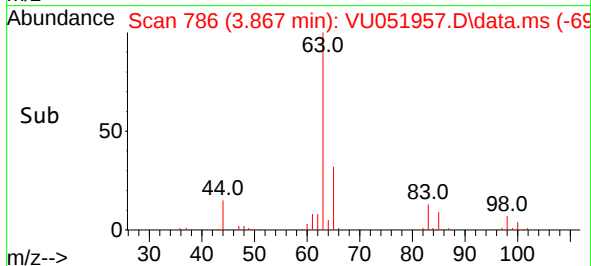
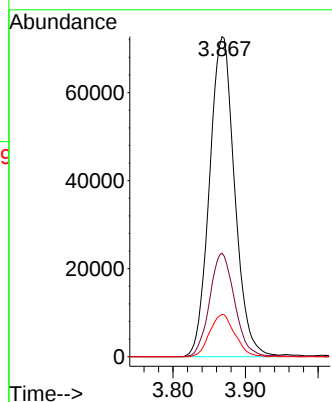
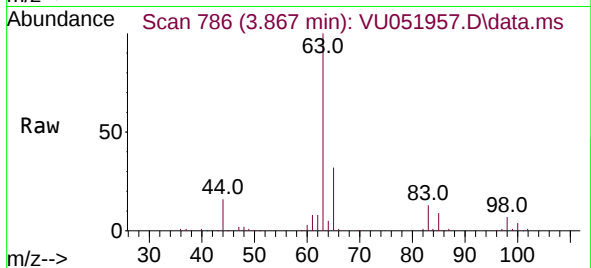




#19
1,1-Dichloroethane
Concen: 5.160 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

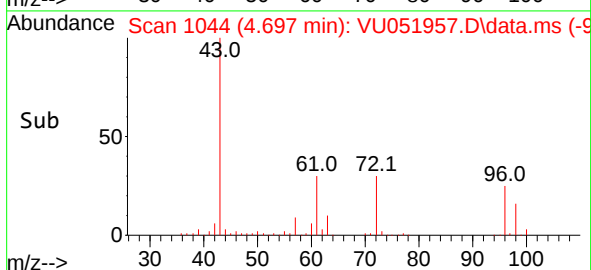
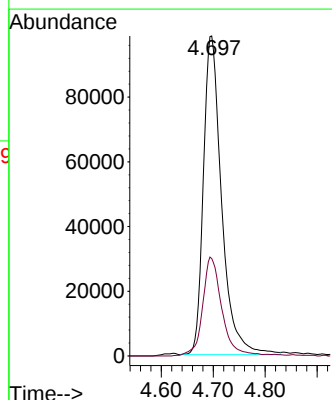
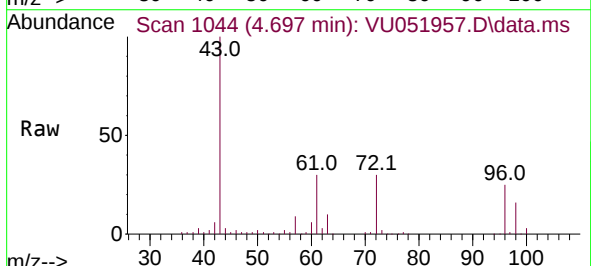
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

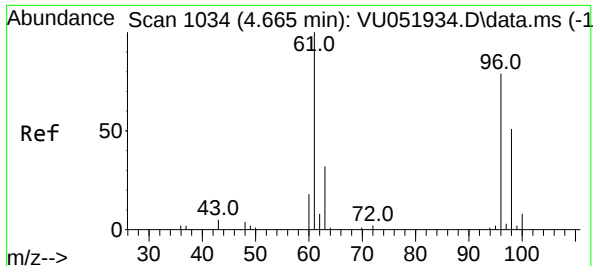
Tgt Ion: 63 Resp: 175237
Ion Ratio Lower Upper
63 100
65 32.4 22.2 41.2
83 13.2 9.2 17.0



#21
2-Butanone
Concen: 51.566 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.003 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion: 43 Resp: 239776
Ion Ratio Lower Upper
43 100
72 32.5 15.6 46.8

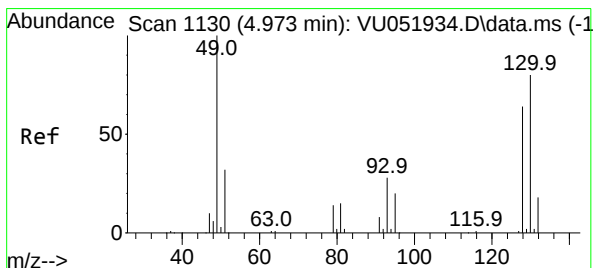
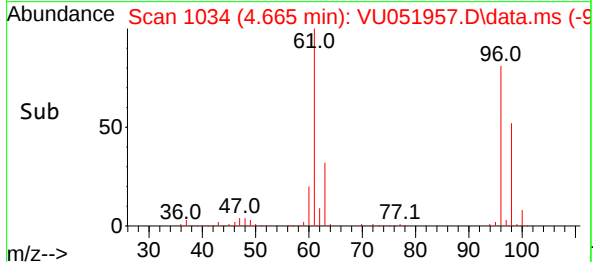
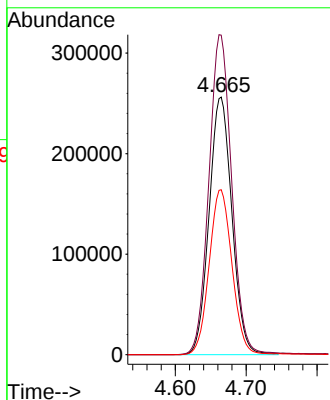
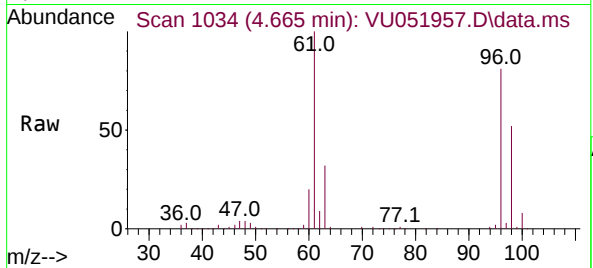




#22
 cis-1,2-Dichloroethene
 Concen: 29.112 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051957.D
 Acq: 19 Nov 2022 16:08

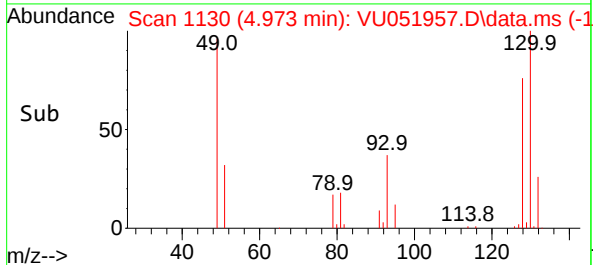
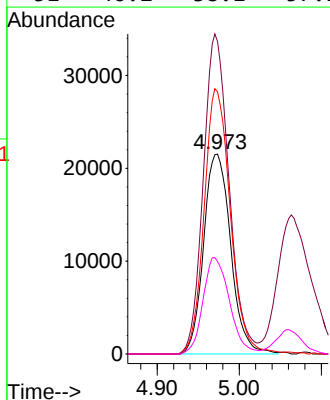
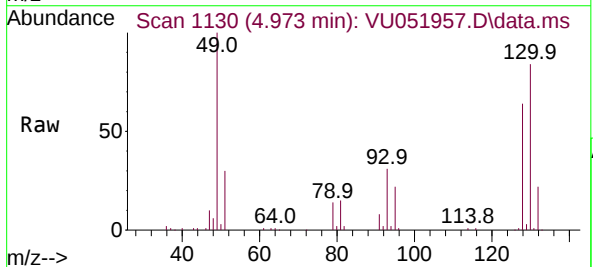
Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84MSD

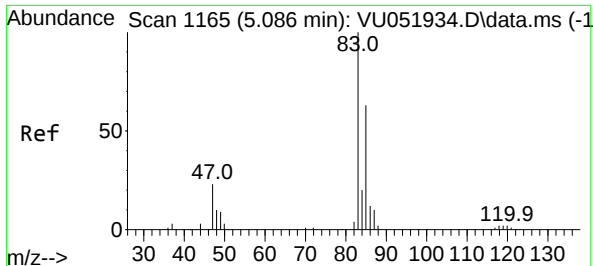
Tgt Ion: 96 Resp: 575689
 Ion Ratio Lower Upper
 96 100
 61 124.1 85.1 158.1
 98 64.0 42.8 79.6



#23
 Bromochloromethane
 Concen: 5.227 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051957.D
 Acq: 19 Nov 2022 16:08

Tgt Ion:128 Resp: 49458
 Ion Ratio Lower Upper
 128 100
 49 156.3 104.0 193.2
 130 131.1 84.6 157.2
 51 46.2 38.1 57.1





#25

Chloroform

Concen: 5.840 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

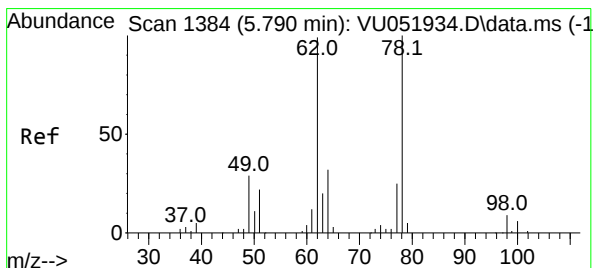
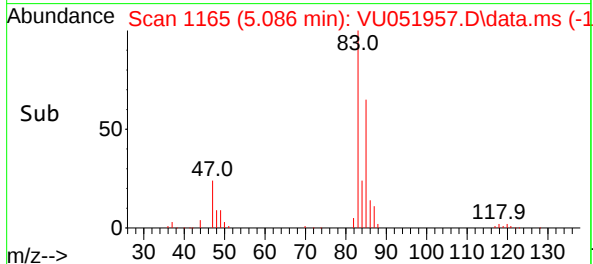
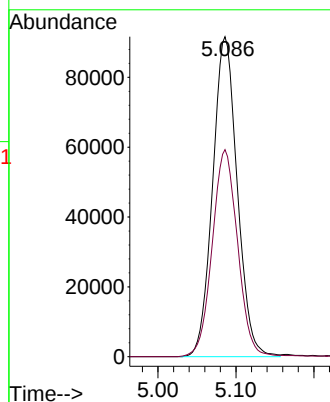
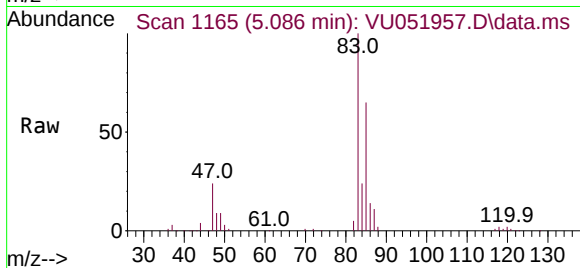
GBN84MSD

Tgt Ion: 83 Resp: 200968

Ion Ratio Lower Upper

83 100

85 64.7 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.277 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU051957.D

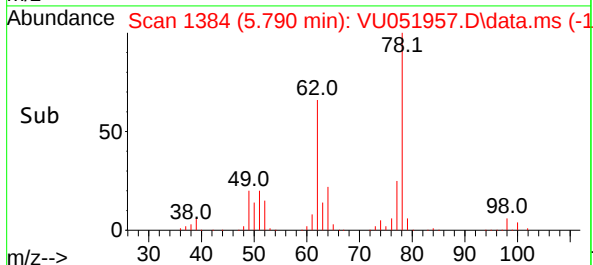
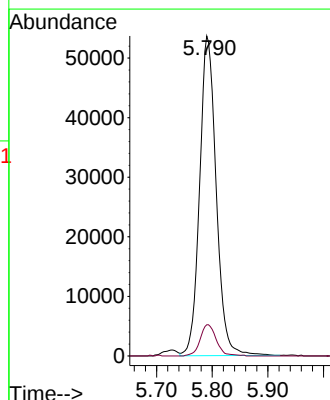
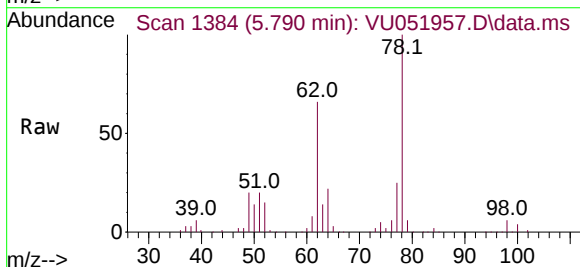
Acq: 19 Nov 2022 16:08

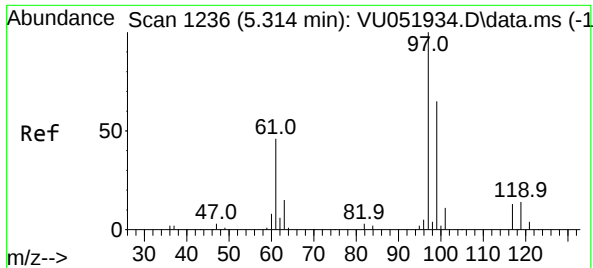
Tgt Ion: 62 Resp: 111221

Ion Ratio Lower Upper

62 100

98 9.8 8.4 12.6

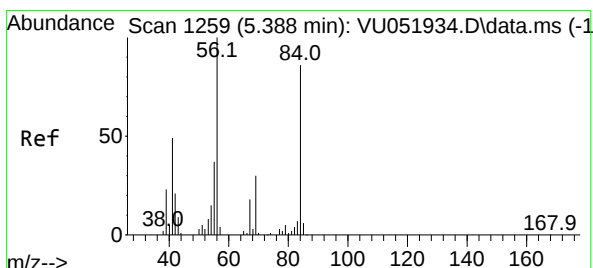
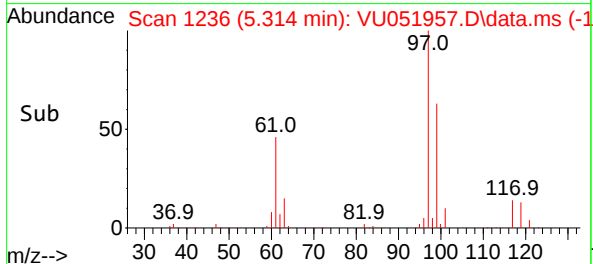
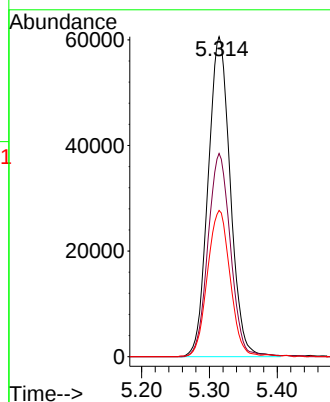
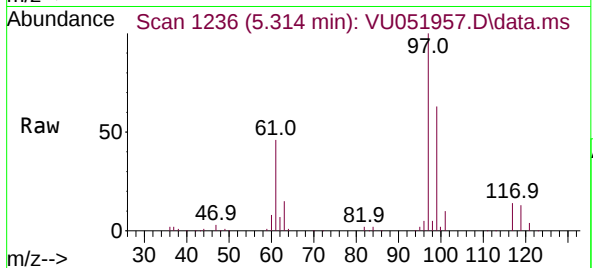




#29
1,1,1-Trichloroethane
Concen: 5.153 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

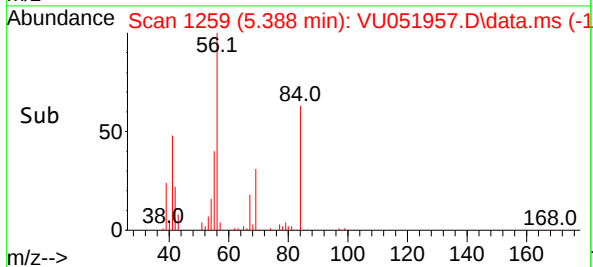
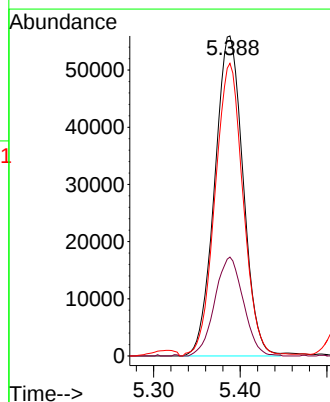
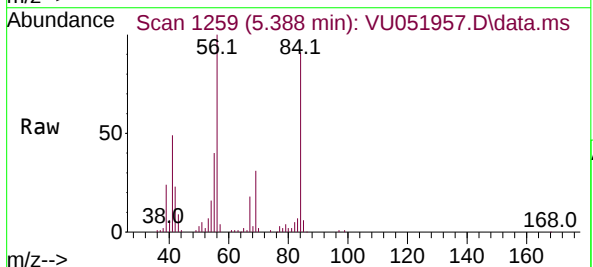
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

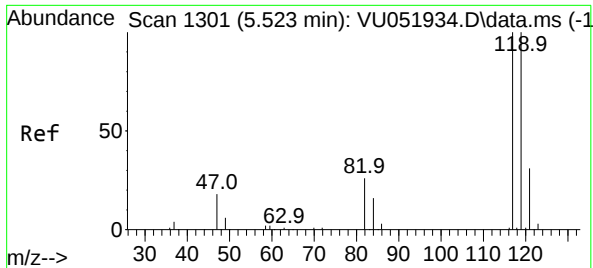
Tgt Ion: 97 Resp: 137743
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 46.7 36.9 55.3



#30
Cyclohexane
Concen: 4.915 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion: 56 Resp: 127583
Ion Ratio Lower Upper
56 100
69 31.0 25.6 38.4
84 90.5 72.0 108.0

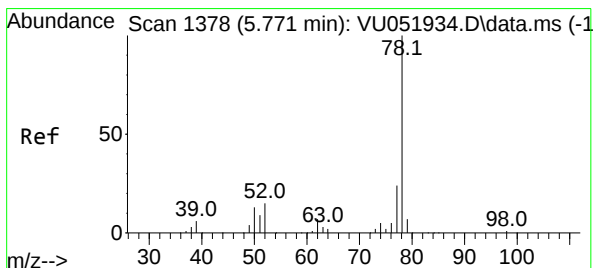
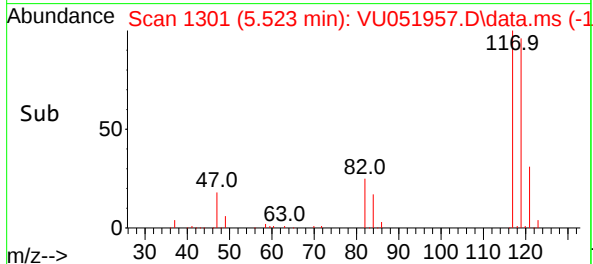
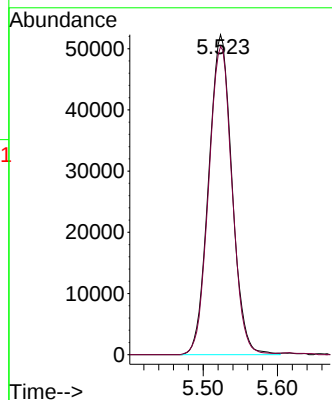
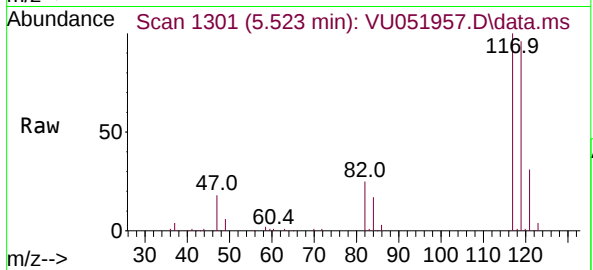




#31
Carbon tetrachloride
Concen: 5.029 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

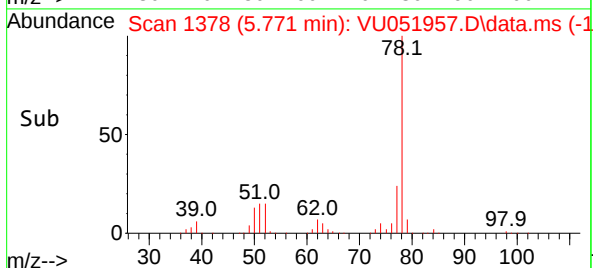
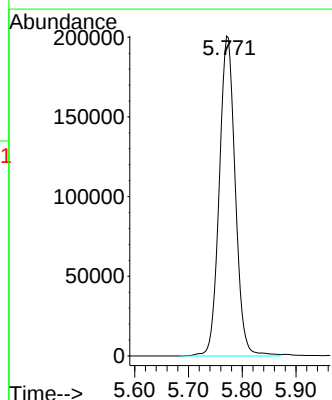
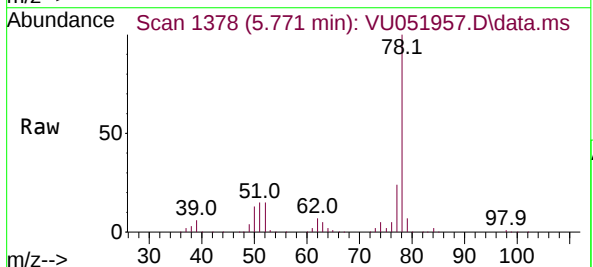
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

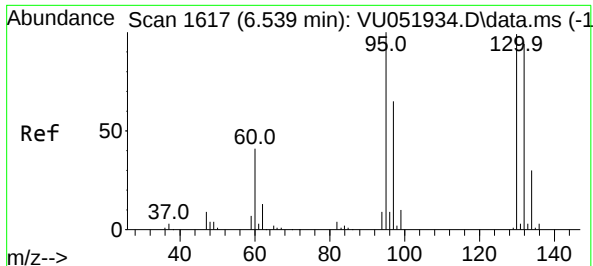
Tgt Ion:117 Resp: 114233
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 5.296 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion: 78 Resp: 415261





#34

Trichloroethene

Concen: 154.606 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBN84MSD

Tgt Ion: 95 Resp: 3023763

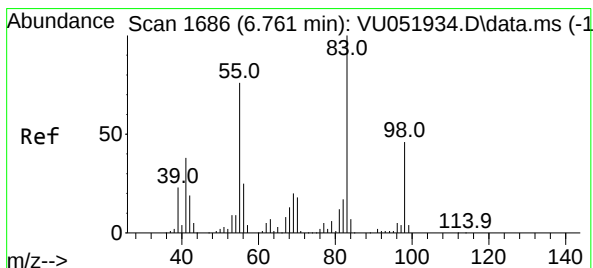
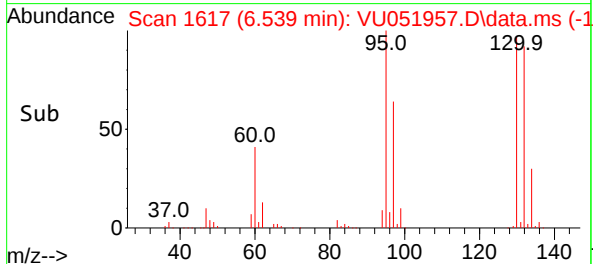
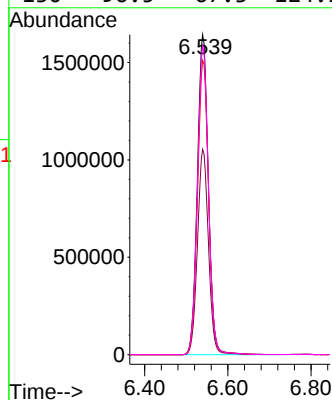
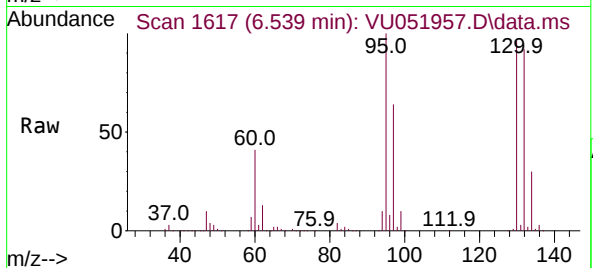
Ion Ratio Lower Upper

95 100

97 64.2 43.7 81.1

132 91.9 64.3 119.3

130 96.5 67.3 124.9



#35

Methylcyclohexane

Concen: 5.044 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

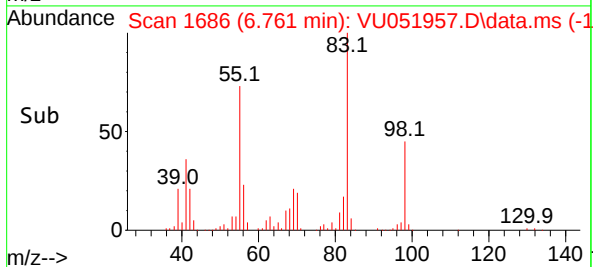
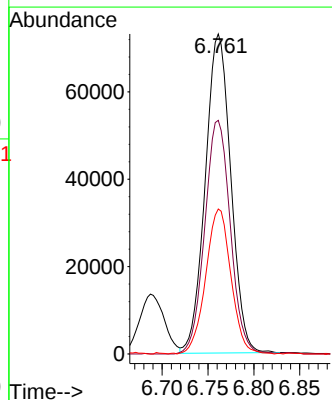
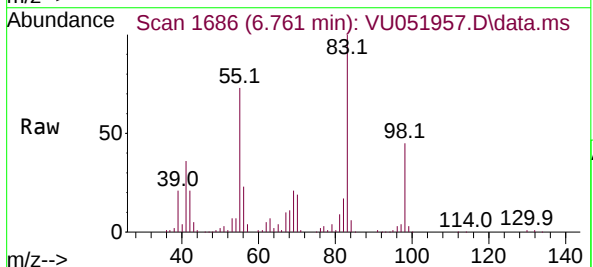
Tgt Ion: 83 Resp: 141900

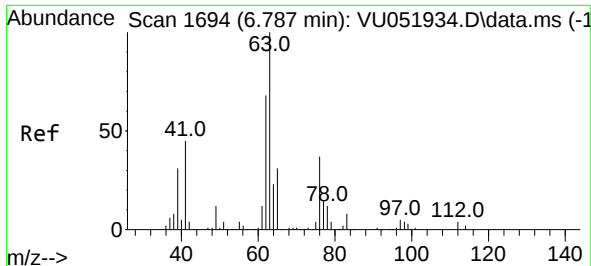
Ion Ratio Lower Upper

83 100

55 73.3 60.8 91.2

98 44.8 35.1 52.7

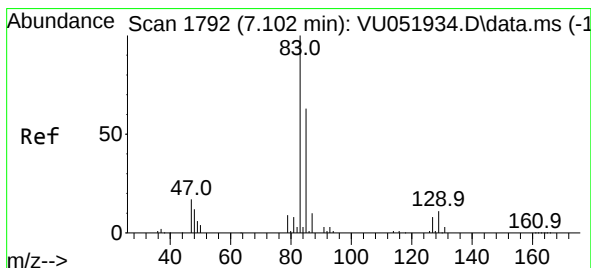
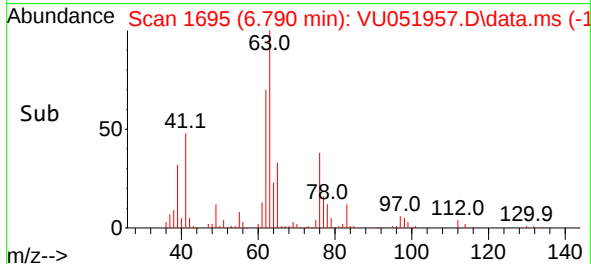
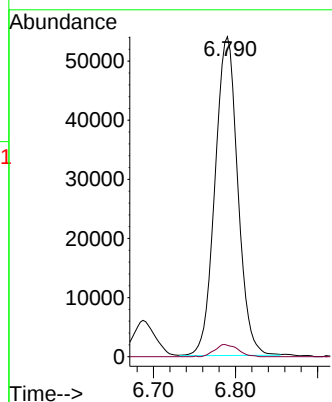
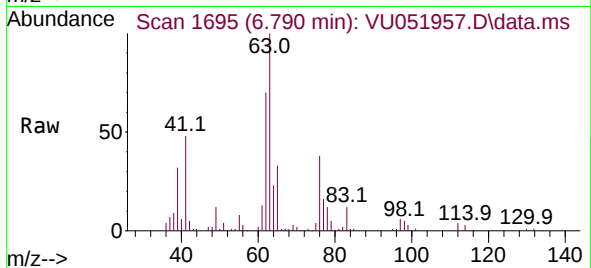




#37
1,2-Dichloropropane
Concen: 5.141 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

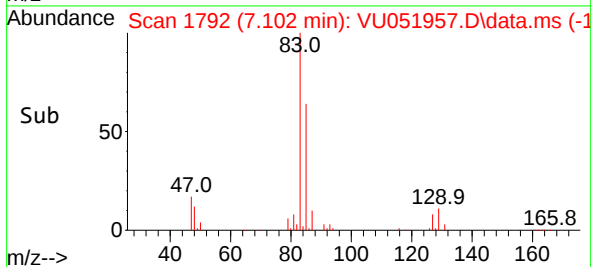
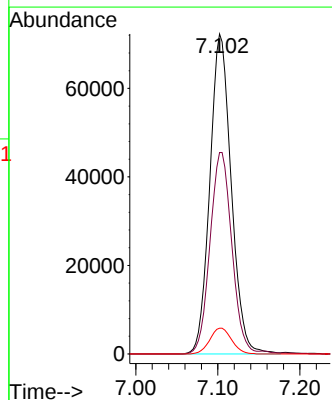
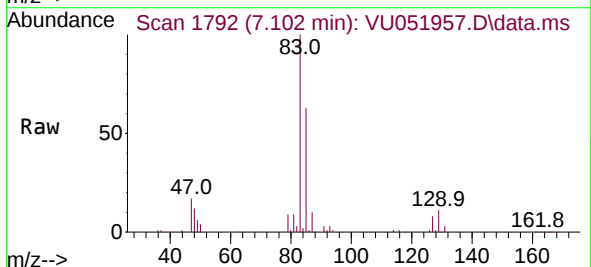
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

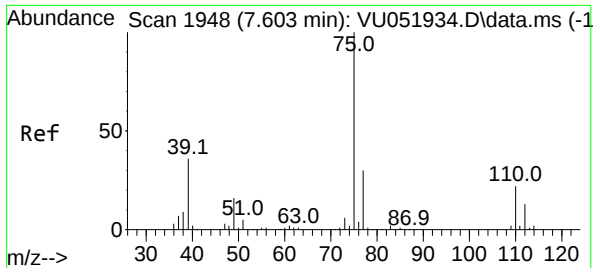
Tgt Ion: 63 Resp: 104375
Ion Ratio Lower Upper
63 100
112 3.9 3.3 4.9



#38
Bromodichloromethane
Concen: 5.303 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion: 83 Resp: 131253
Ion Ratio Lower Upper
83 100
85 63.0 43.5 80.9
127 8.1 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.881 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

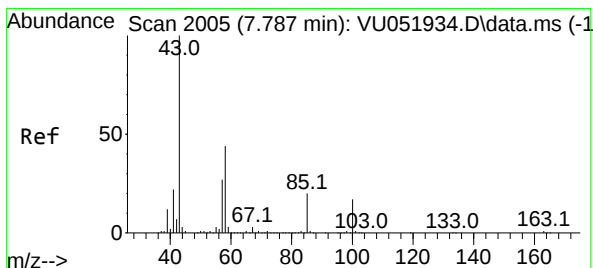
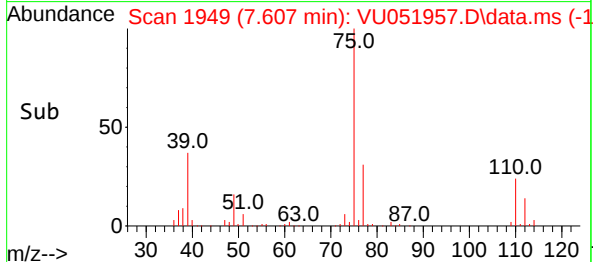
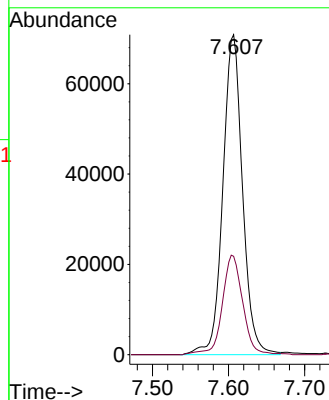
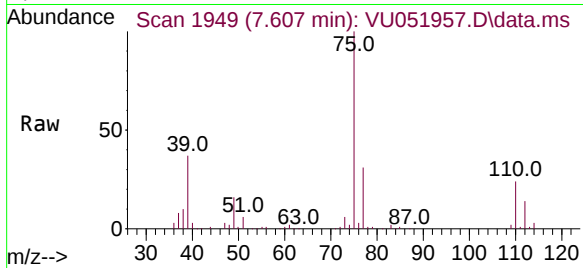
GBN84MSD

Tgt Ion: 75 Resp: 127232

Ion Ratio Lower Upper

75 100

77 30.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 53.296 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

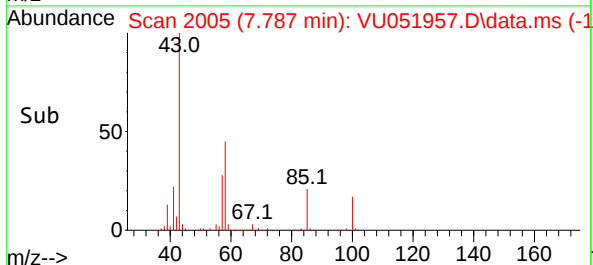
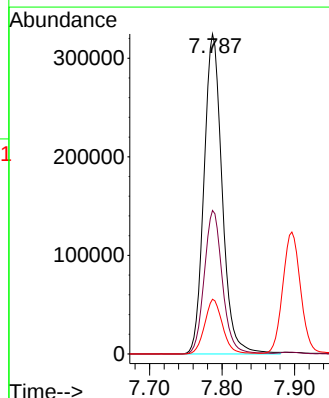
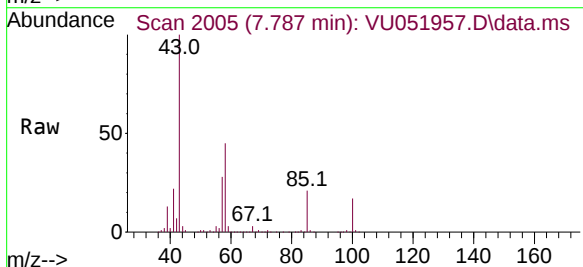
Tgt Ion: 43 Resp: 565206

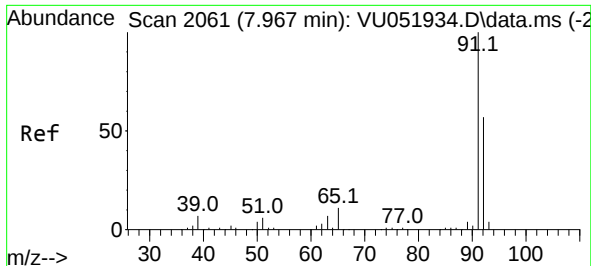
Ion Ratio Lower Upper

43 100

58 44.9 35.3 52.9

100 16.9 13.6 20.4





#42

Toluene

Concen: 5.438 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

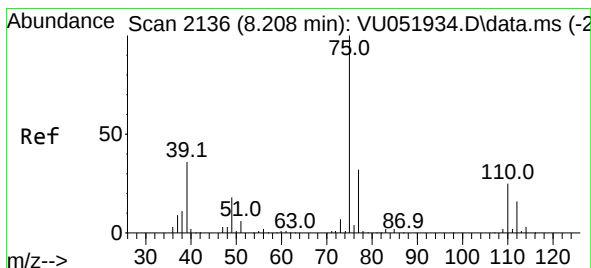
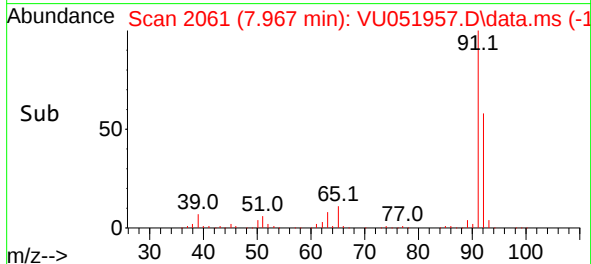
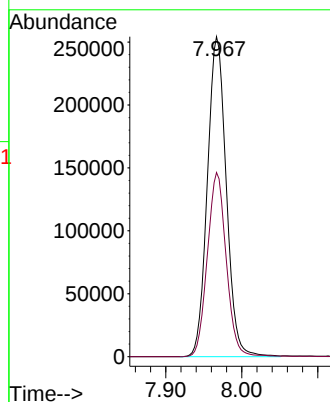
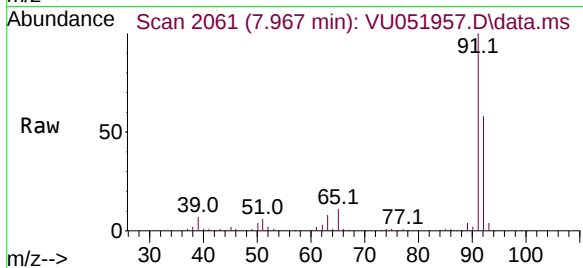
GBN84MSD

Tgt Ion: 91 Resp: 438610

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.868 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051957.D

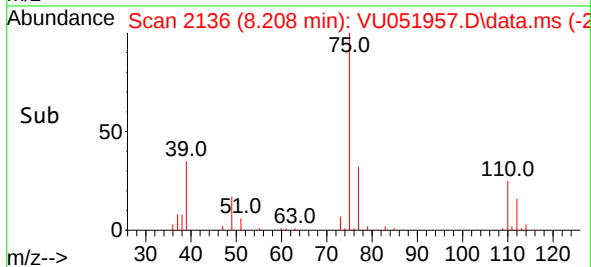
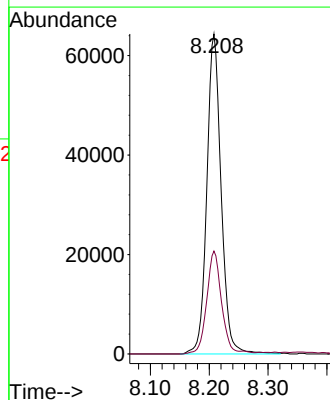
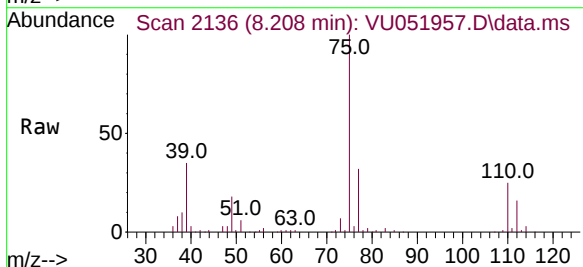
Acq: 19 Nov 2022 16:08

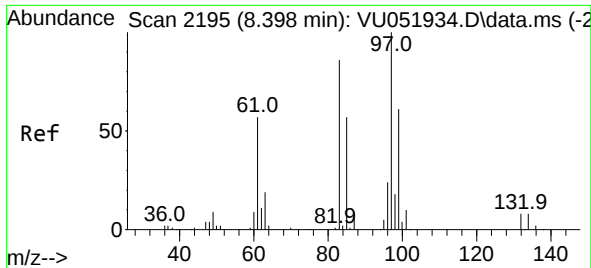
Tgt Ion: 75 Resp: 108666

Ion Ratio Lower Upper

75 100

77 32.2 22.6 42.0

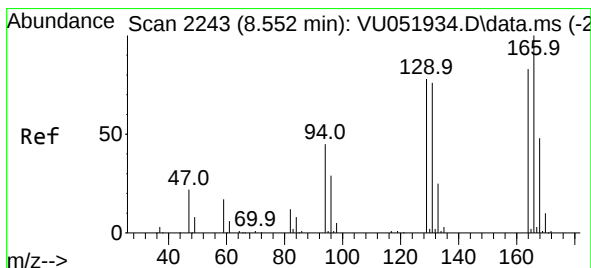
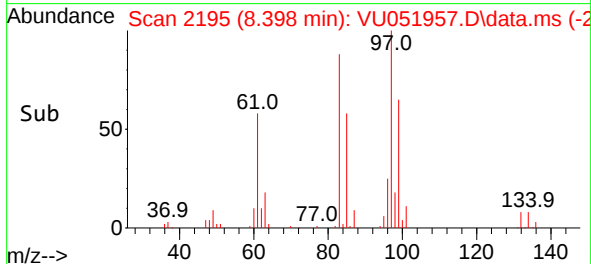
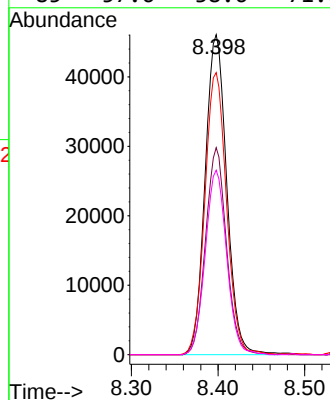
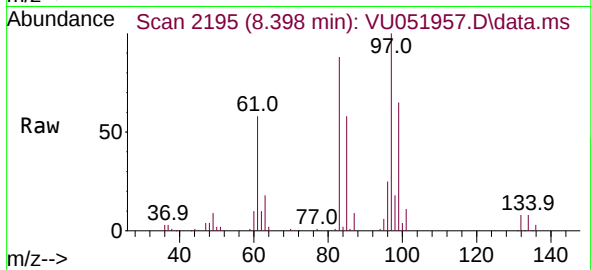




#45
1,1,2-Trichloroethane
Concen: 5.232 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

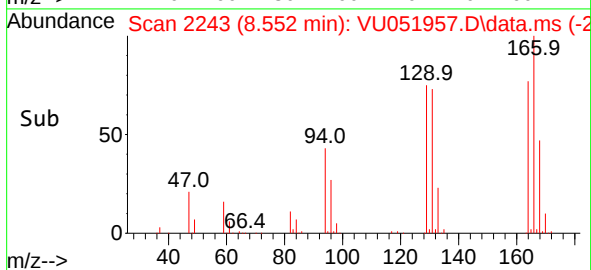
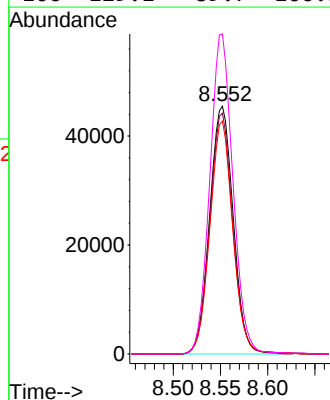
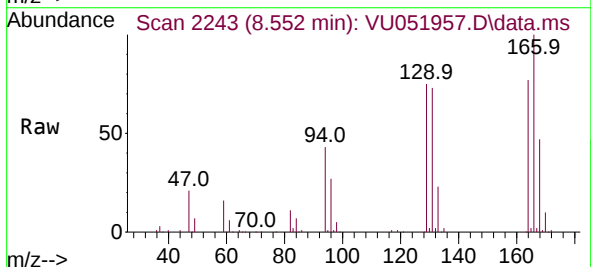
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

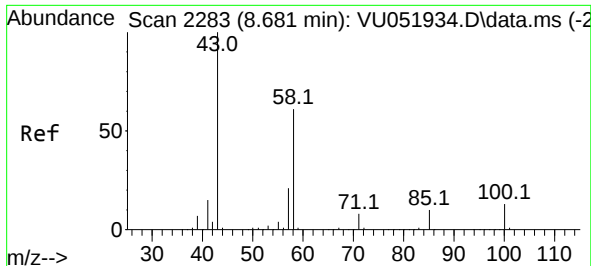
Tgt Ion:	97	Resp:	79819
Ion	Ratio	Lower	Upper
97	100		
99	64.7	42.6	79.2
83	88.2	60.7	112.7
85	57.6	38.6	71.6



#47
Tetrachloroethene
Concen: 5.256 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion:	164	Resp:	78784
Ion	Ratio	Lower	Upper
164	100		
129	97.2	67.4	125.2
131	94.0	67.1	124.7
166	129.1	89.7	166.5

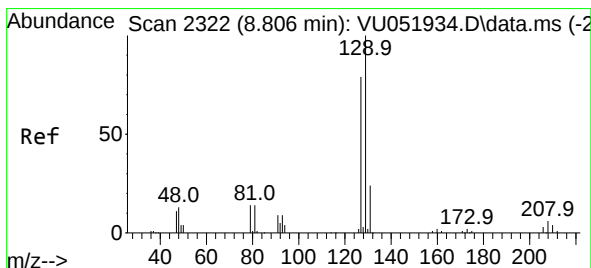
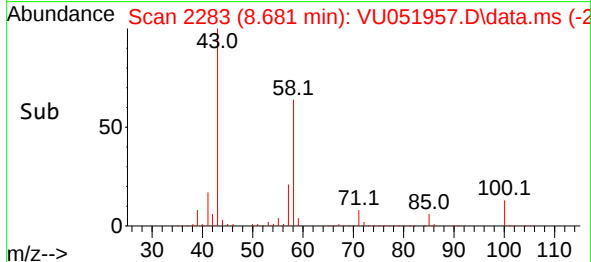
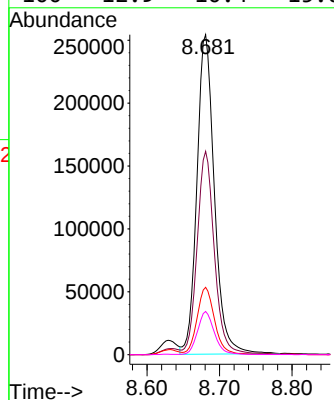
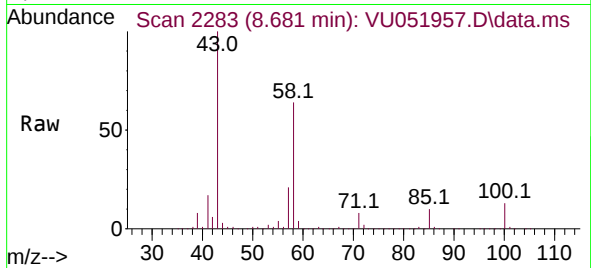




#48
2-Hexanone
Concen: 54.770 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

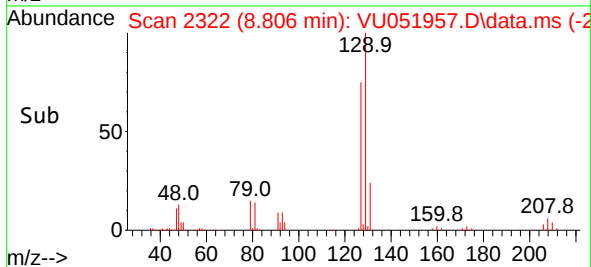
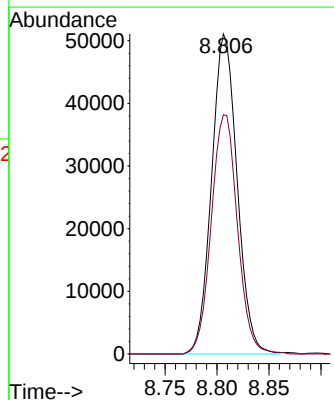
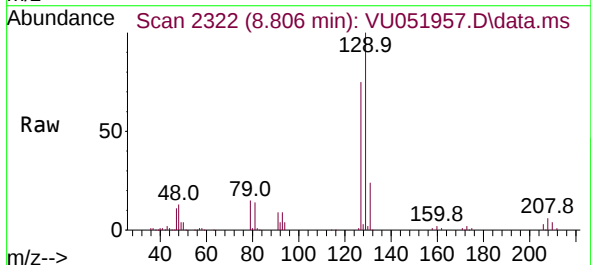
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

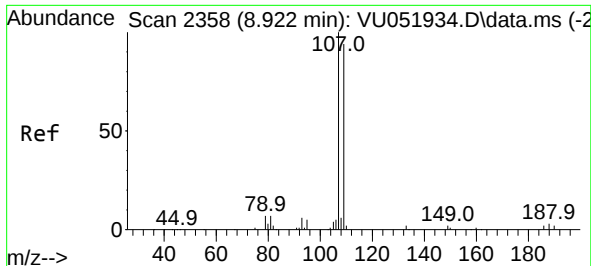
Tgt Ion:	43	Resp:	425824
Ion	Ratio	Lower	Upper
43	100		
58	62.6	49.4	74.0
57	21.0	16.3	24.5
100	12.9	10.4	15.6



#49
Dibromochloromethane
Concen: 5.107 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion:	129	Resp:	87266
Ion	Ratio	Lower	Upper
129	100		
127	74.8	52.8	98.2





#50

1,2-Dibromoethane

Concen: 5.189 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBN84MSD

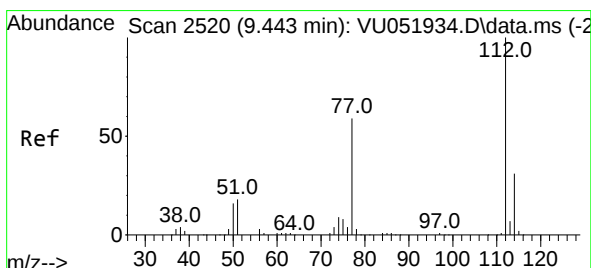
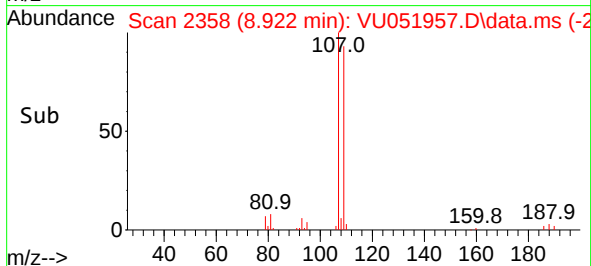
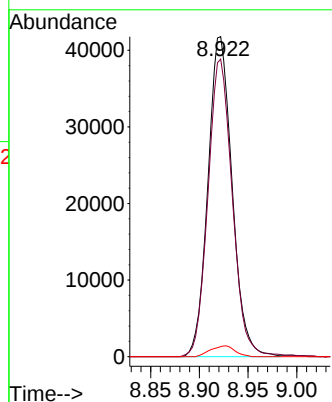
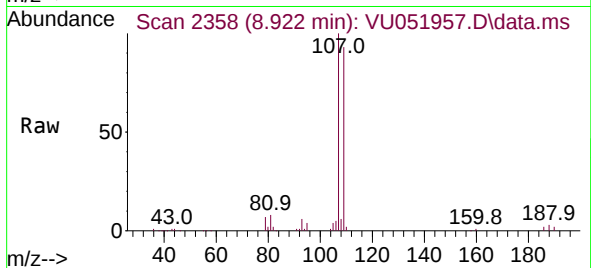
Tgt Ion:107 Resp: 72112

Ion Ratio Lower Upper

107 100

109 93.0 64.9 120.5

188 3.1 2.6 4.0



#51

Chlorobenzene

Concen: 5.232 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

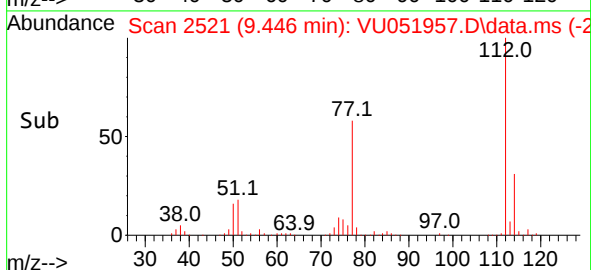
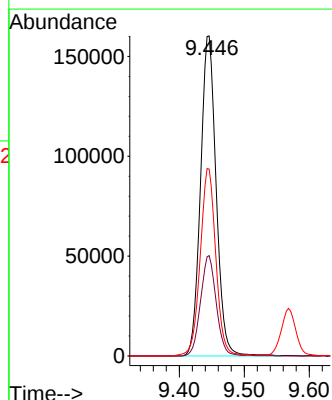
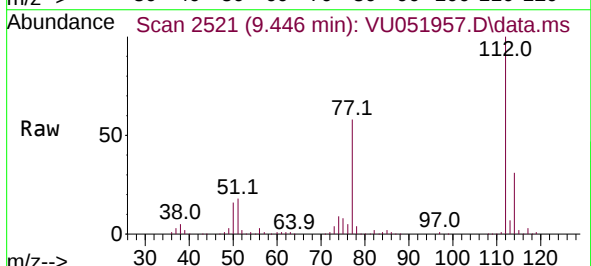
Tgt Ion:112 Resp: 269062

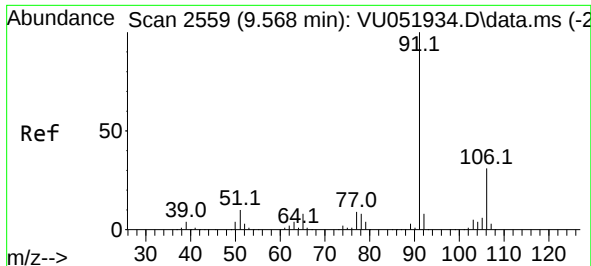
Ion Ratio Lower Upper

112 100

114 31.3 22.2 41.2

77 58.4 46.6 70.0





#52

Ethylbenzene

Concen: 5.203 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

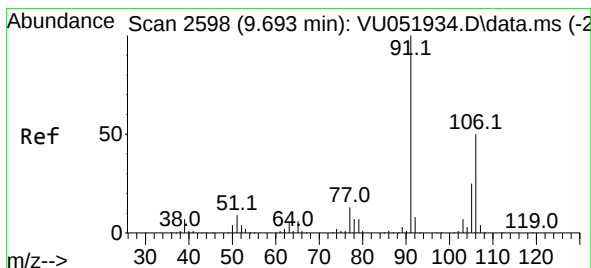
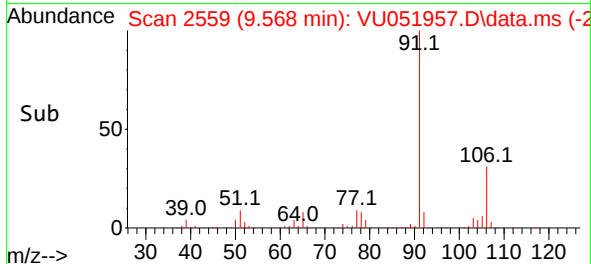
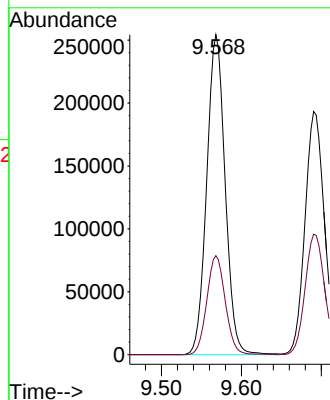
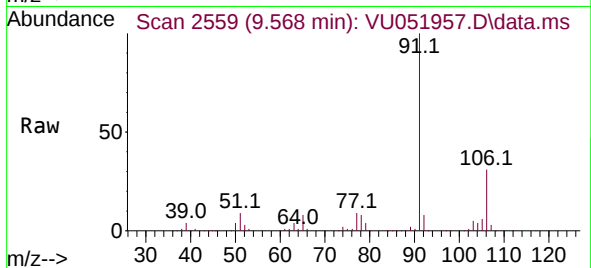
GBN84MSD

Tgt Ion: 91 Resp: 407962

Ion Ratio Lower Upper

91 100

106 31.0 22.3 41.3



#53

m,p-Xylene

Concen: 5.402 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.003 min

Lab File: VU051957.D

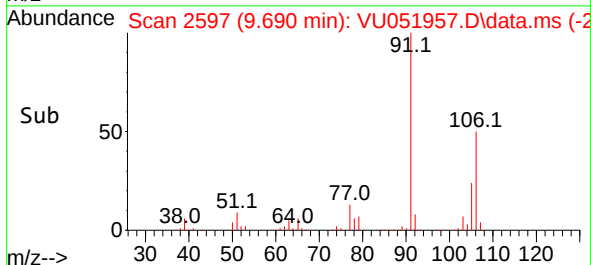
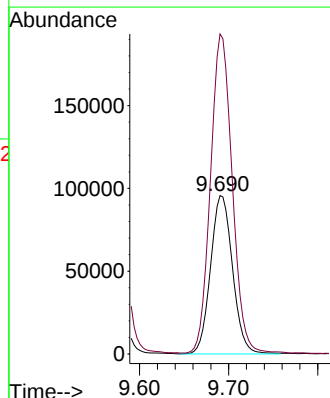
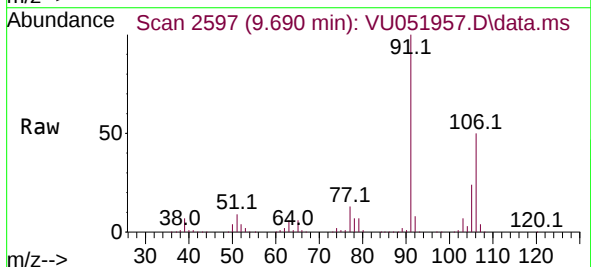
Acq: 19 Nov 2022 16:08

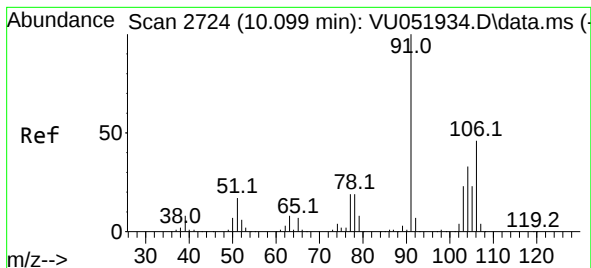
Tgt Ion: 106 Resp: 164033

Ion Ratio Lower Upper

106 100

91 202.0 137.7 255.7





#54

o-Xylene

Concen: 5.492 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

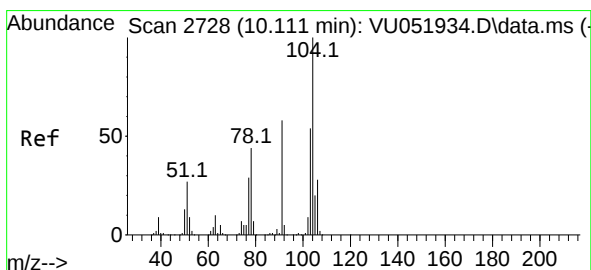
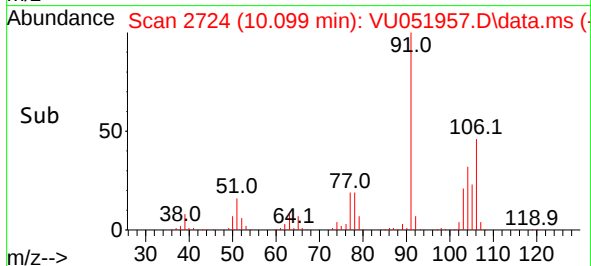
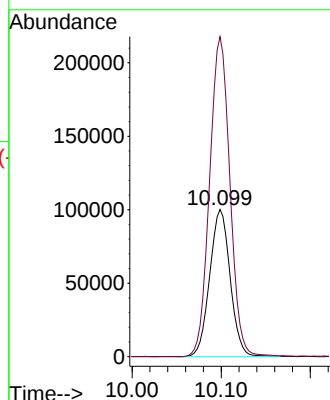
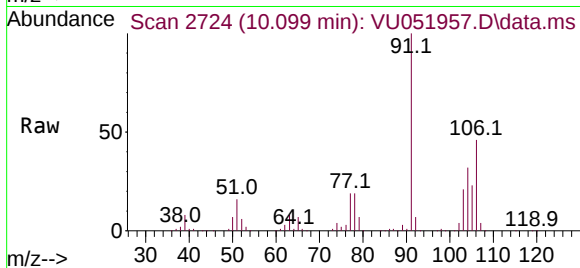
GBN84MSD

Tgt Ion:106 Resp: 159836

Ion Ratio Lower Upper

106 100

91 217.3 151.5 281.5



#55

Styrene

Concen: 5.427 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU051957.D

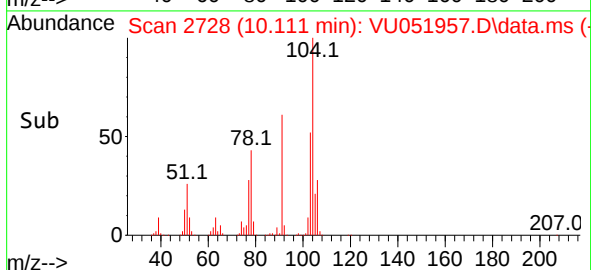
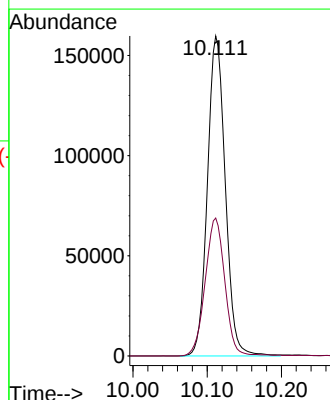
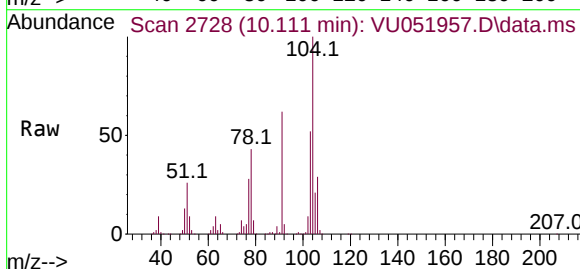
Acq: 19 Nov 2022 16:08

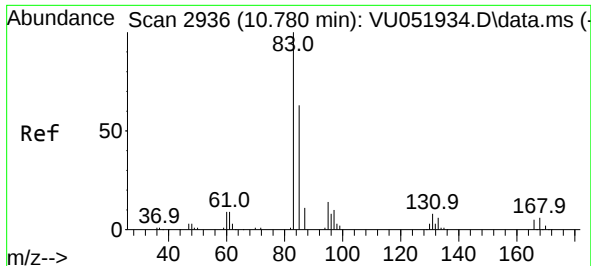
Tgt Ion:104 Resp: 266736

Ion Ratio Lower Upper

104 100

78 43.1 30.6 56.8

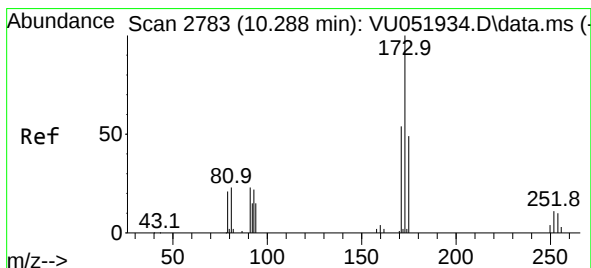
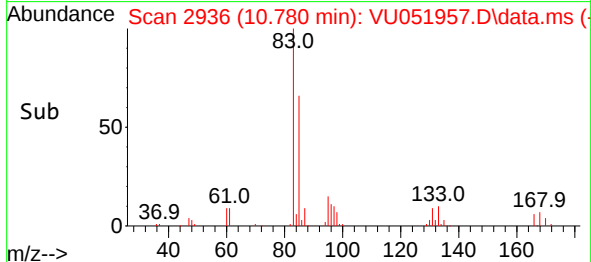
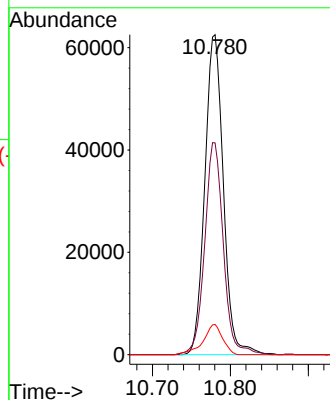
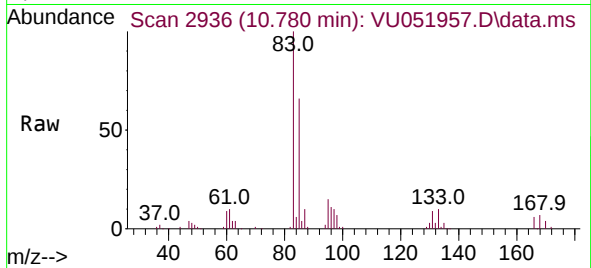




#57
1,1,2,2-Tetrachloroethane
Concen: 5.421 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

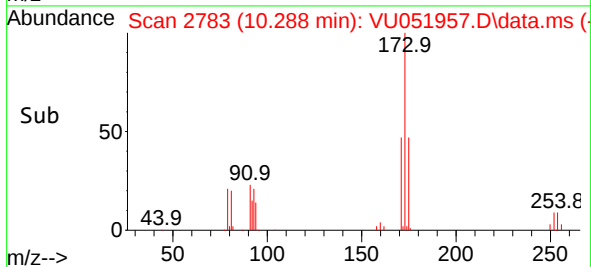
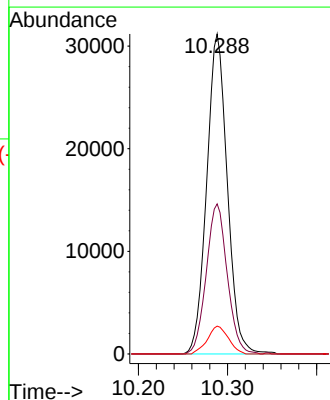
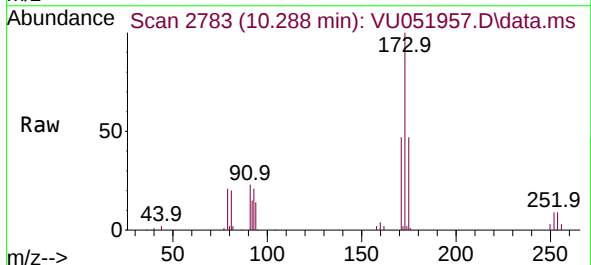
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

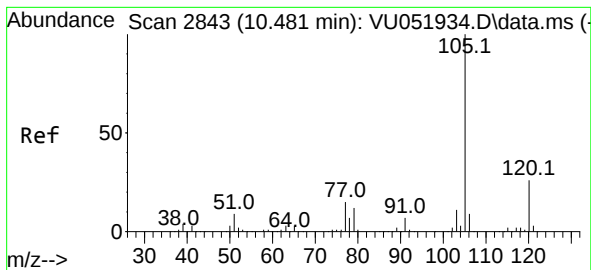
Tgt Ion: 83 Resp: 103293
Ion Ratio Lower Upper
83 100
85 66.2 45.7 84.9
131 9.4 7.6 11.4



#59
Bromoform
Concen: 5.116 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion:173 Resp: 50075
Ion Ratio Lower Upper
173 100
175 47.6 37.2 55.8
254 8.9 7.0 10.6





#60

Isopropylbenzene

Concen: 5.325 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBN84MSD

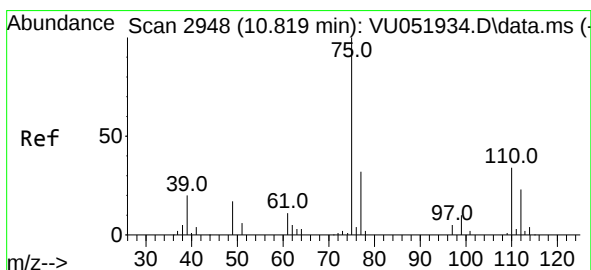
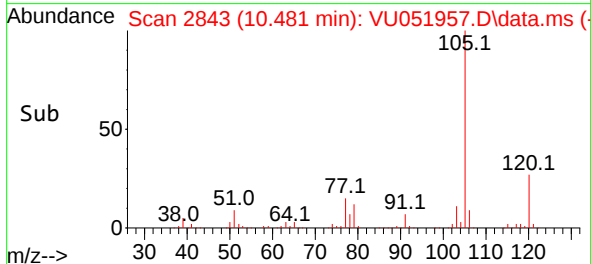
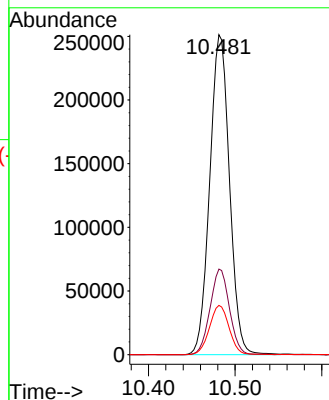
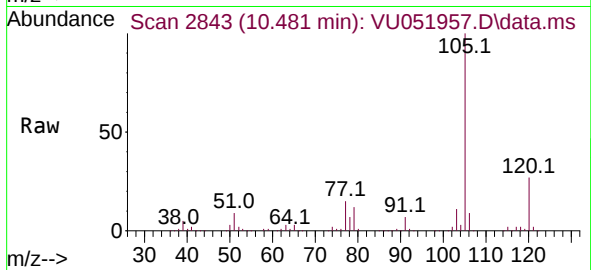
Tgt Ion:105 Resp: 397522

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 15.4 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 5.173 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

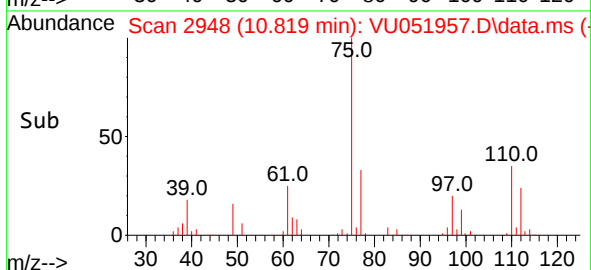
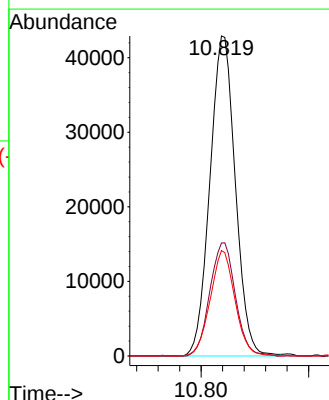
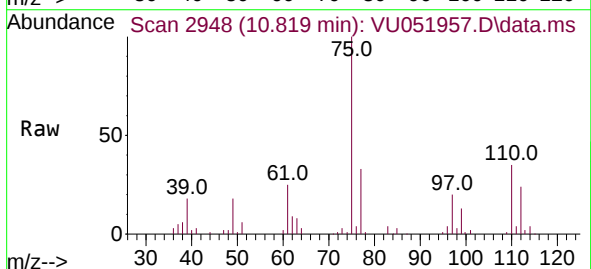
Tgt Ion: 75 Resp: 70367

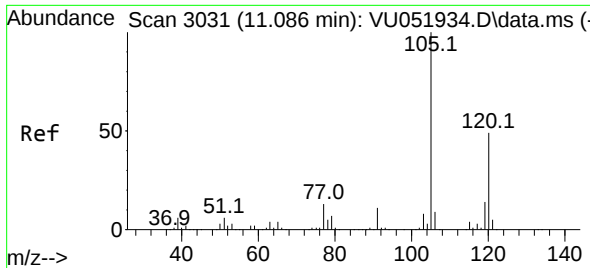
Ion Ratio Lower Upper

75 100

110 35.5 28.3 42.5

77 32.1 26.2 39.2

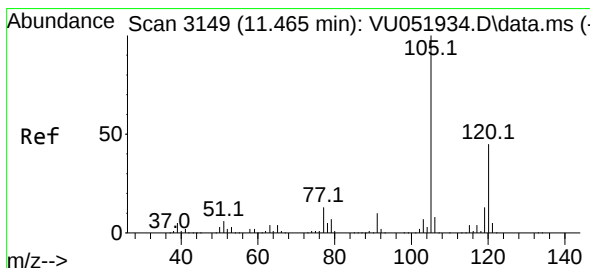
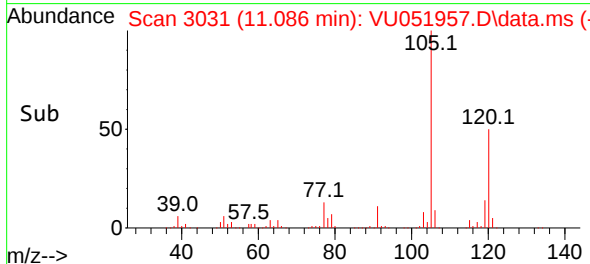
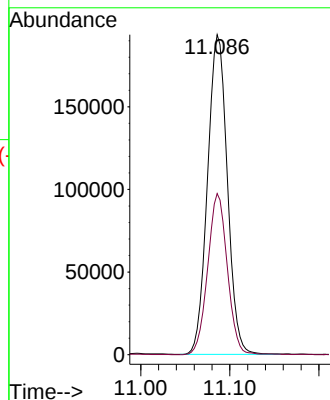
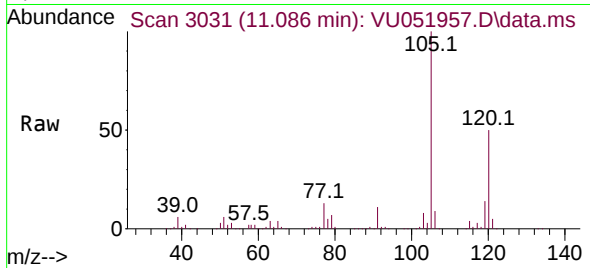




#62
1,3,5-Trimethylbenzene
Concen: 5.010 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

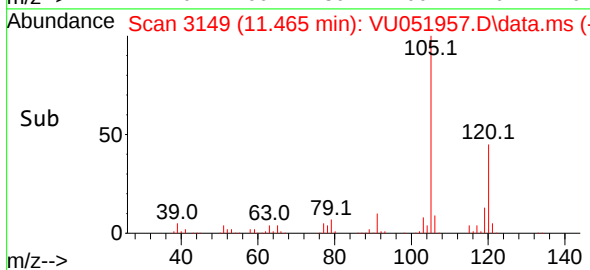
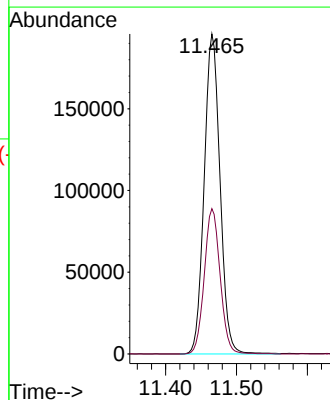
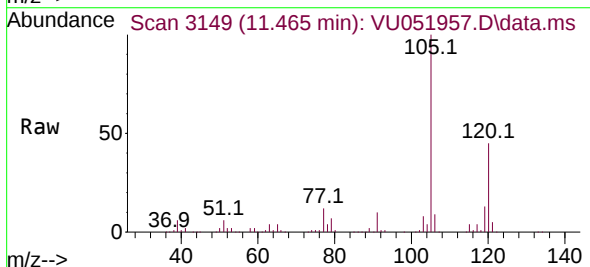
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

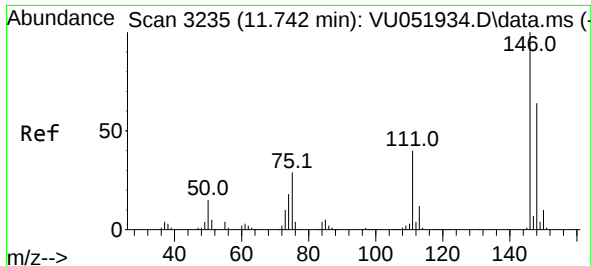
Tgt Ion:105 Resp: 298986
Ion Ratio Lower Upper
105 100
120 49.8 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 5.127 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion:105 Resp: 303681
Ion Ratio Lower Upper
105 100
120 45.5 36.6 55.0

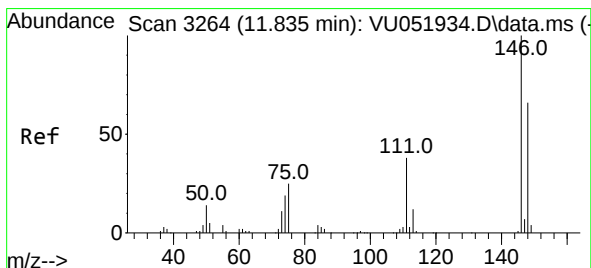
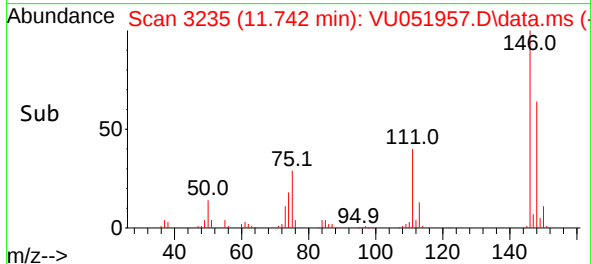
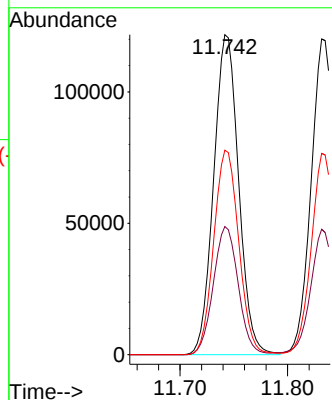
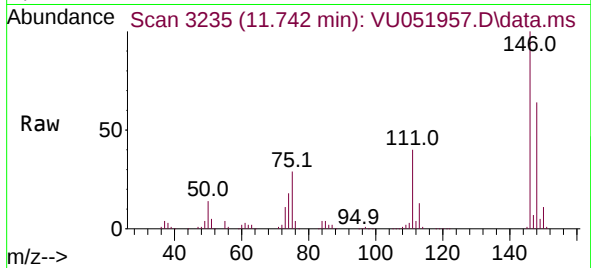




#64
1,3-Dichlorobenzene
Concen: 5.154 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

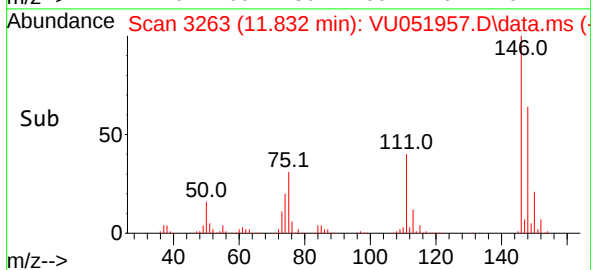
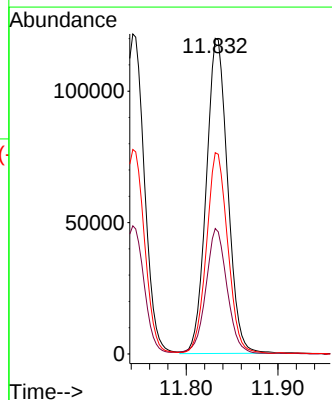
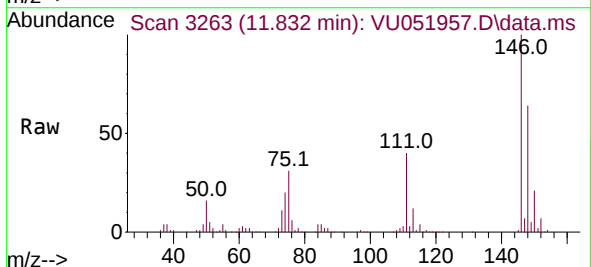
Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

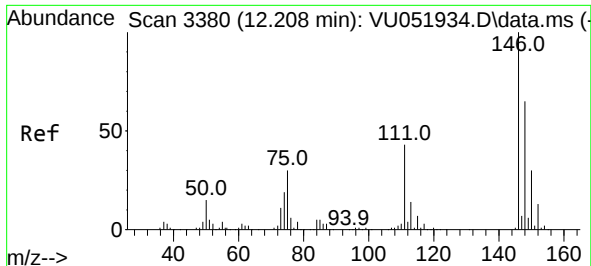
Tgt Ion:146 Resp: 196445
Ion Ratio Lower Upper
146 100
111 40.1 28.6 53.2
148 63.9 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 5.118 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion:146 Resp: 194566
Ion Ratio Lower Upper
146 100
111 39.8 26.9 50.1
148 63.8 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.283 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

Instrument :

MSVOA_U

ClientSampleId :

GBN84MSD

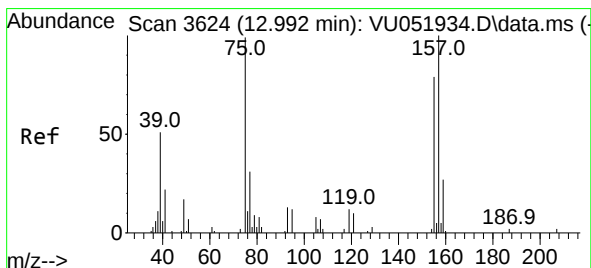
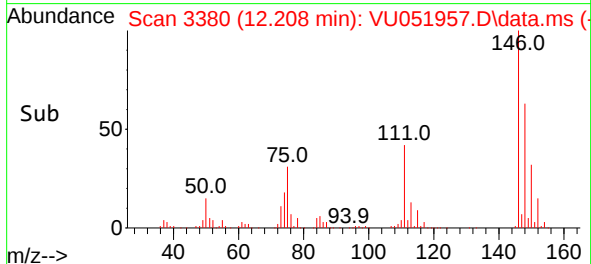
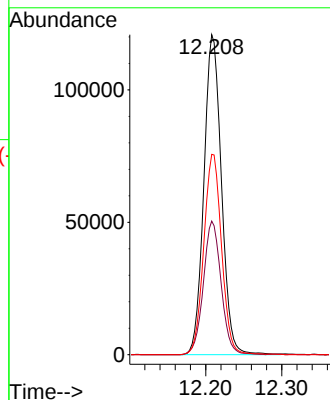
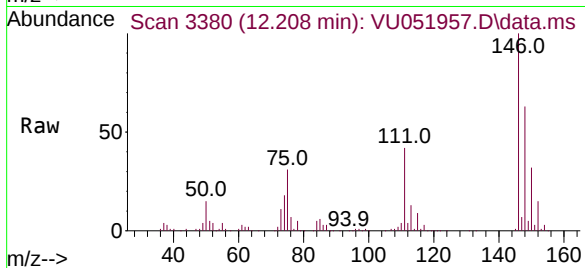
Tgt Ion:146 Resp: 193910

Ion Ratio Lower Upper

146 100

111 41.7 32.7 49.1

148 62.6 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.901 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU051957.D

Acq: 19 Nov 2022 16:08

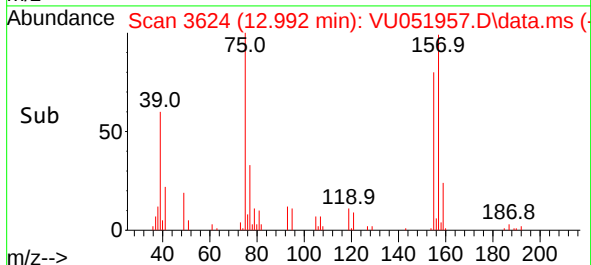
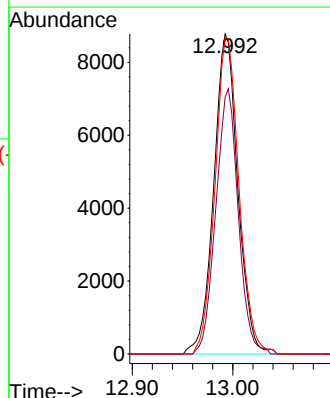
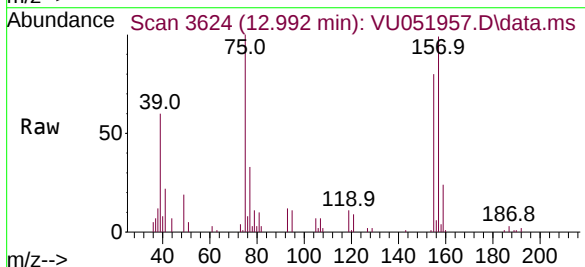
Tgt Ion: 75 Resp: 14587

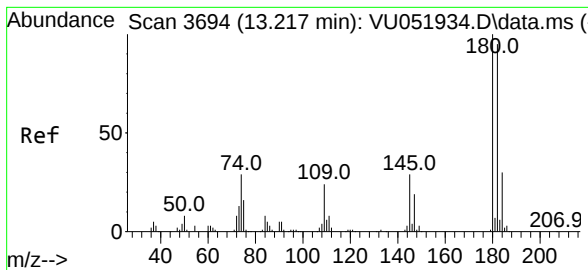
Ion Ratio Lower Upper

75 100

155 80.3 65.4 98.2

157 98.8 80.5 120.7

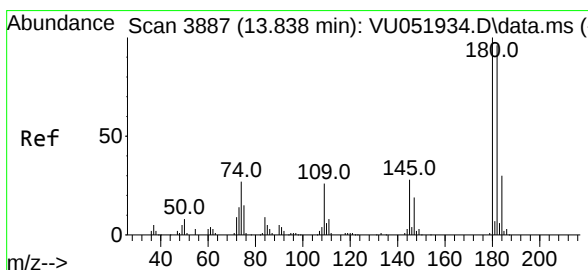
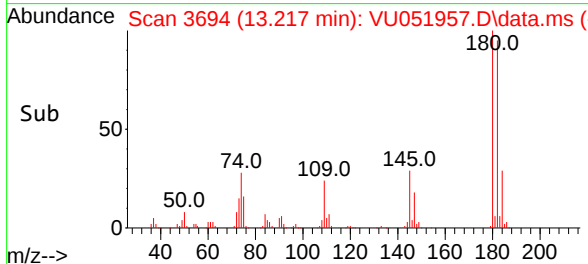
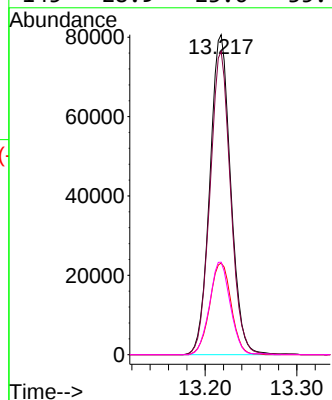
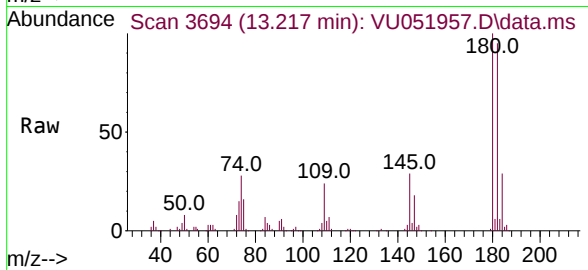




#69
 1,3,5-Trichlorobenzene
 Concen: 4.712 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051957.D
 Acq: 19 Nov 2022 16:08

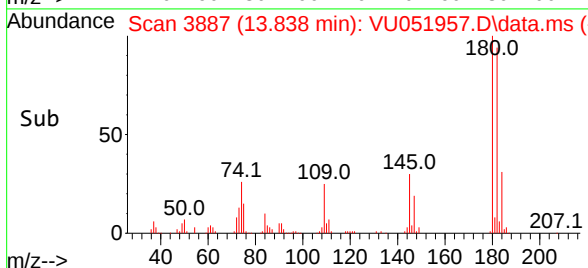
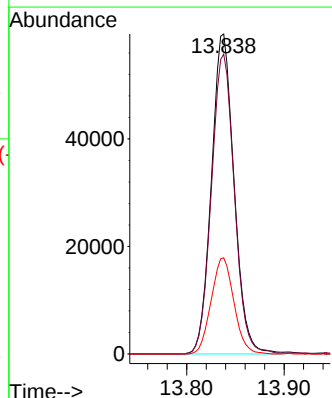
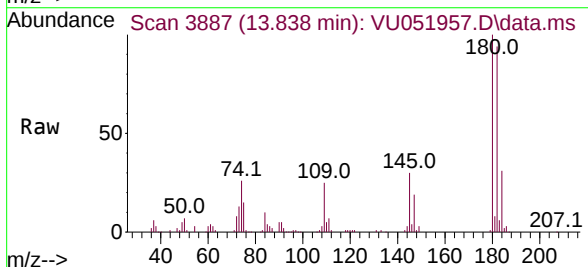
Instrument :
 MSVOA_U
 ClientSampleId :
 GBN84MSD

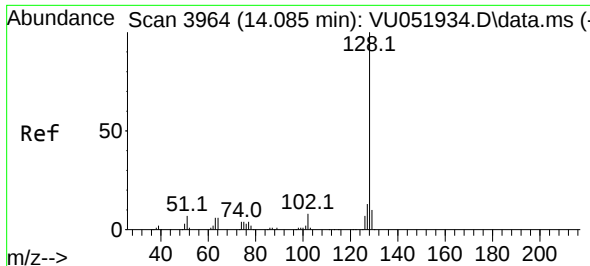
Tgt Ion:	180	Resp:	127352
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.7	113.5
184	29.5	24.3	36.5
145	28.9	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.674 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051957.D
 Acq: 19 Nov 2022 16:08

Tgt Ion:	180	Resp:	96207
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.3	114.5
145	30.1	24.6	36.8

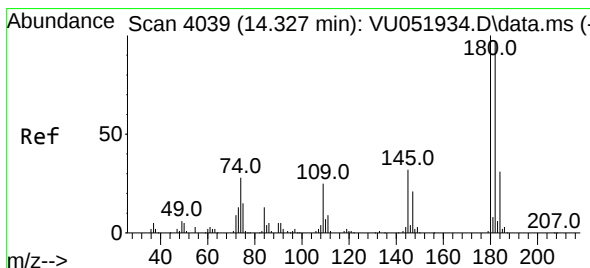
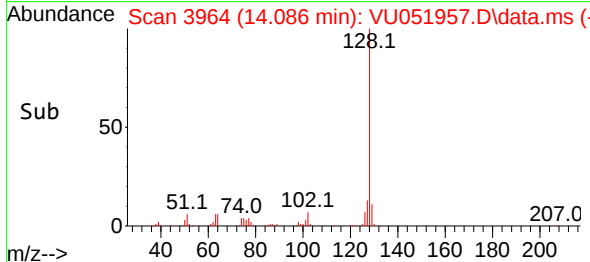
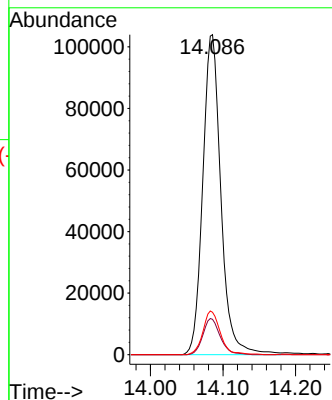
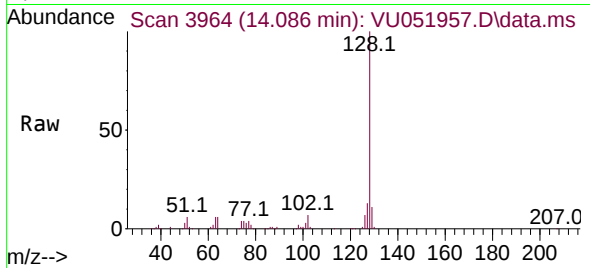




#71
Naphthalene
Concen: 4.672 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Instrument :
MSVOA_U
ClientSampleId :
GBN84MSD

Tgt Ion:128 Resp: 180547
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.826 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051957.D
Acq: 19 Nov 2022 16:08

Tgt Ion:180 Resp: 97730
Ion Ratio Lower Upper
180 100
182 94.8 75.7 113.5
145 32.0 24.5 36.7

