

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072522\
 Data File : U072522.D
 Acq On : 26 Jul 2022 06:20
 Operator : SY/MD
 Sample : N3870-17MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ15MS

Quant Time: Jul 26 06:52:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	74649	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28098	4.649	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.909	69	25142	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.565	65	12503	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.629	46	141174	64.923	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.840%
24) Chloroform-d	5.064	84	71094	5.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.703	65	41995	5.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.726	84	124662	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.690	67	44812	5.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.896	98	104461	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.179	79	14676	4.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.632	63	71024	58.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.720%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	42267	5.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	38999	5.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	47244	5.995	ug/L	100
3) Chloromethane	1.520	50	47049	4.852	ug/L	99
5) Vinyl chloride	1.604	62	42135	5.197	ug/L	99
6) Bromomethane	1.858	94	19788	4.514	ug/L	99
8) Chloroethane	1.932	64	22740	4.868	ug/L	99
9) Trichlorofluoromethane	2.138	101	55769	5.595	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	44464	9.121	ug/L	98
12) 1,1-Dichloroethene	2.578	96	29840	6.050	ug/L	88
13) Acetone	2.639	43	74048	56.615	ug/L	96
14) Carbon disulfide	2.790	76	74877	4.907	ug/L	100
15) Methyl Acetate	2.954	43	8333	2.556	ug/L	98
16) Methylene chloride	3.044	84	34153	3.070	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	78136	4.890	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	29210	5.123	ug/L	96
19) 1,1-Dichloroethane	3.871	63	70099	5.689	ug/L	97
21) 2-Butanone	4.710	43	121374	54.717	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	221065	33.476	ug/L	95
23) Bromochloromethane	4.977	128	15511	5.258	ug/L	94
25) Chloroform	5.089	83	65175	4.986	ug/L	99

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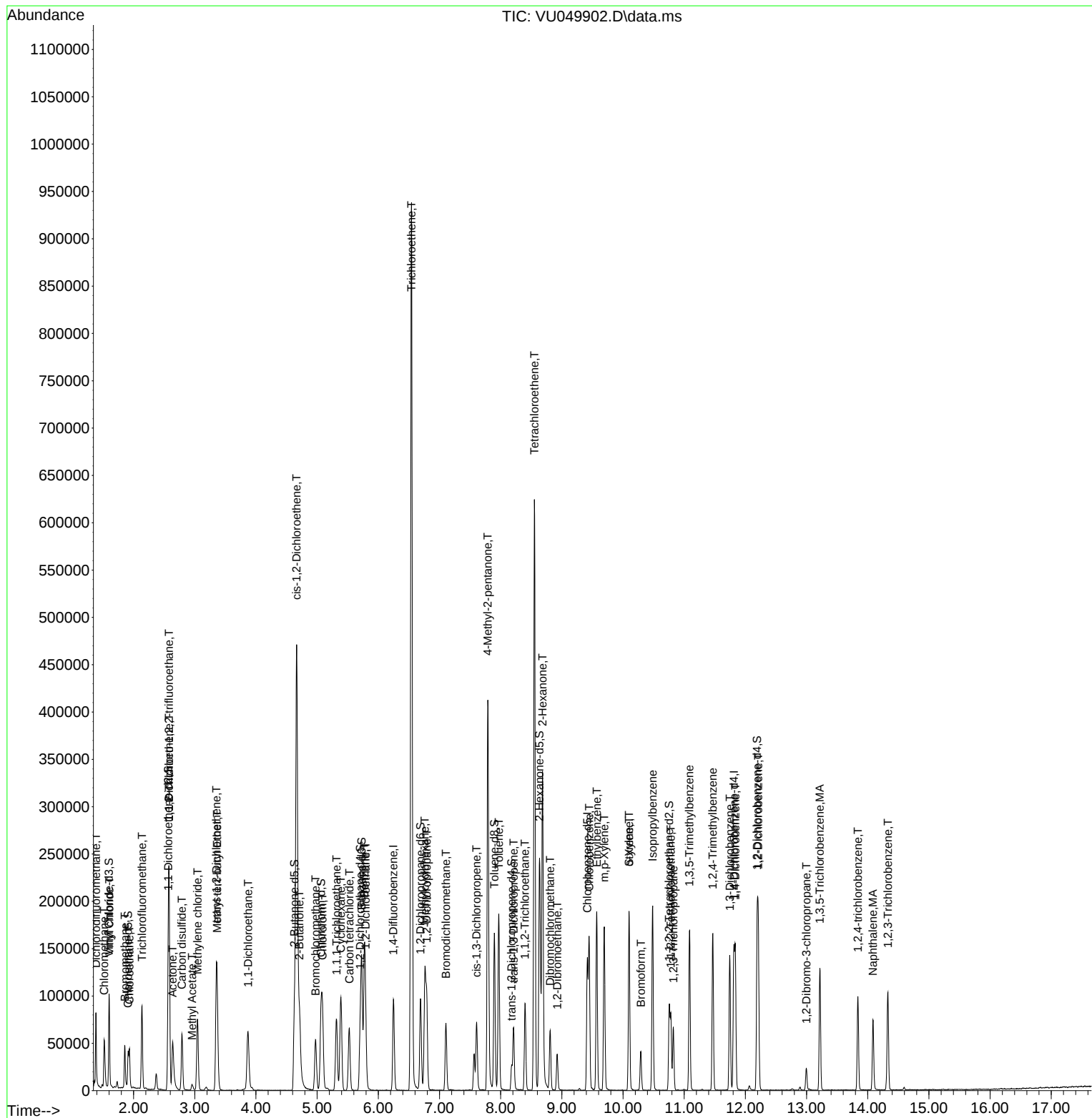
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	44967	5.008	ug/L	99
29) 1,1,1-Trichloroethane	5.318	97	55422	5.494	ug/L	97
30) Cyclohexane	5.388	56	47064	5.761	ug/L	98
31) Carbon tetrachloride	5.527	117	43700	5.335	ug/L	96
33) Benzene	5.774	78	131350	5.037	ug/L	100
34) Trichloroethene	6.543	95	320079	50.625	ug/L	98
35) Methylcyclohexane	6.761	83	44265	5.676	ug/L	98
37) 1,2-Dichloropropane	6.790	63	38564	5.189	ug/L	98
38) Bromodichloromethane	7.105	83	46384	4.995	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	42639	4.353	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	278104	53.647	ug/L	100
42) Toluene	7.970	91	132621	5.085	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	37689	4.457	ug/L	95
45) 1,1,2-Trichloroethane	8.398	97	26591	5.014	ug/L	96
47) Tetrachloroethene	8.552	164	126809	29.136	ug/L	98
48) 2-Hexanone	8.684	43	224703	58.076	ug/L	97
49) Dibromochloromethane	8.809	129	31842	5.371	ug/L	99
50) 1,2-Dibromoethane	8.925	107	25217	5.353	ug/L	100
51) Chlorobenzene	9.446	112	78567	4.745	ug/L	99
52) Ethylbenzene	9.571	91	129461	4.828	ug/L	99
53) m,p-Xylene	9.694	106	46478	4.711	ug/L	97
54) o-Xylene	10.099	106	46623	4.783	ug/L	97
55) Styrene	10.099	104	3046	0.184	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.780	83	38436	5.610	ug/L	94
59) Bromoform	10.292	173	17757	5.630	ug/L	96
60) Isopropylbenzene	10.485	105	117240	4.890	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	26126	5.411	ug/L	96
62) 1,3,5-Trimethylbenzene	11.086	105	89128	4.400	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	91826	4.670	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	54922	4.633	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	52937	4.514	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	57614	4.920	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.996	75	6146	5.690	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	36972	4.225	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	28543	3.885	ug/L	99
71) Naphthalene	14.086	128	57924	4.044	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	29265	4.144	ug/L	94

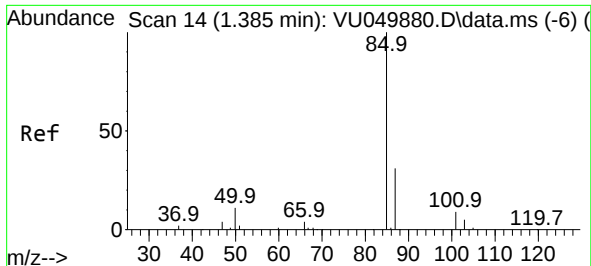
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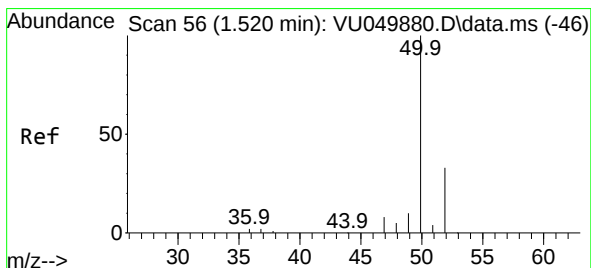
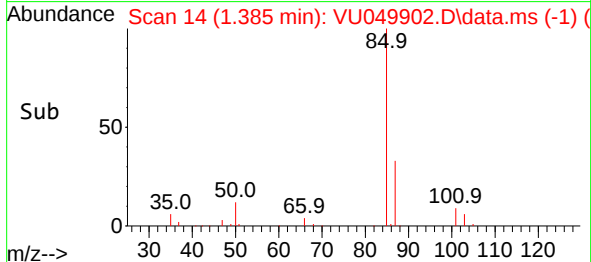
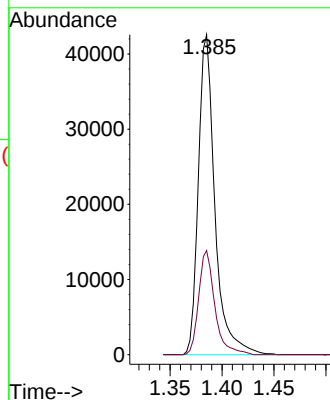
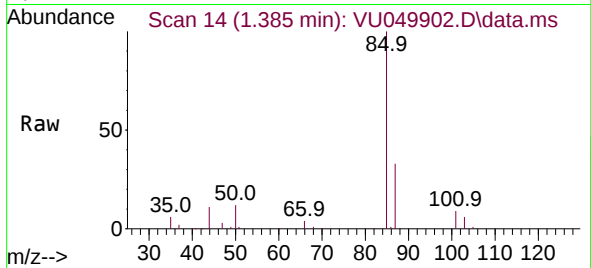




#2
Dichlorodifluoromethane
Concen: 5.995 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

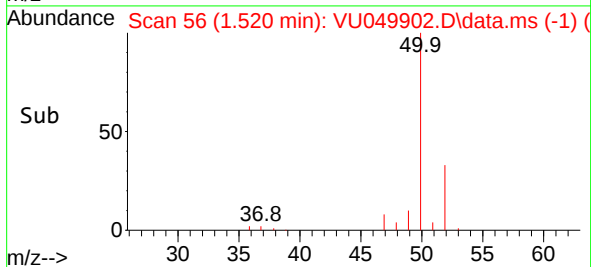
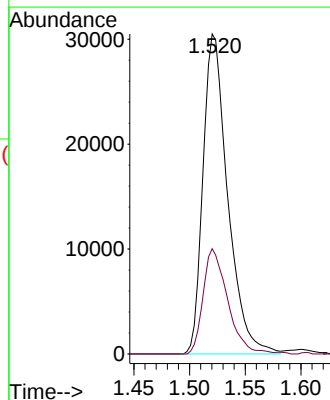
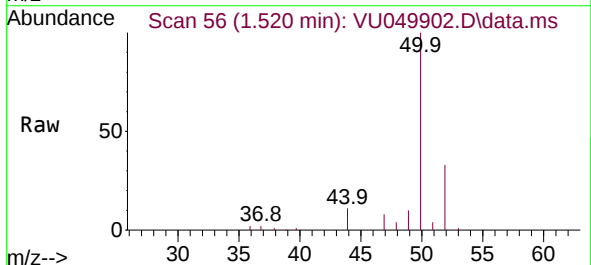
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

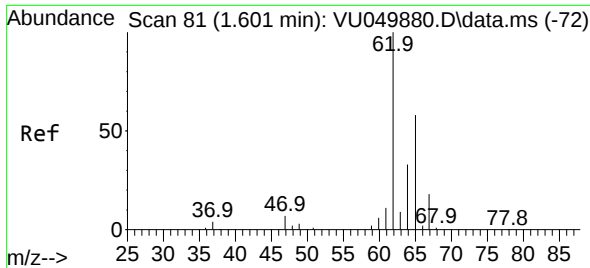
Tgt Ion: 85 Resp: 47244
Ion Ratio Lower Upper
85 100
87 31.7 25.4 38.2



#3
Chloromethane
Concen: 4.852 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion: 50 Resp: 47049
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.7

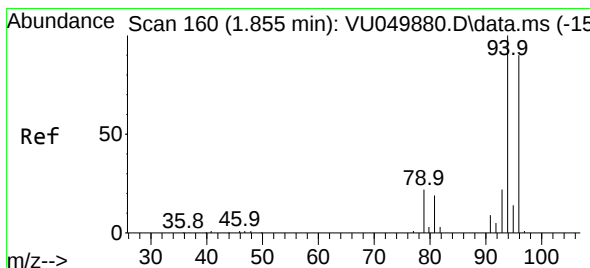
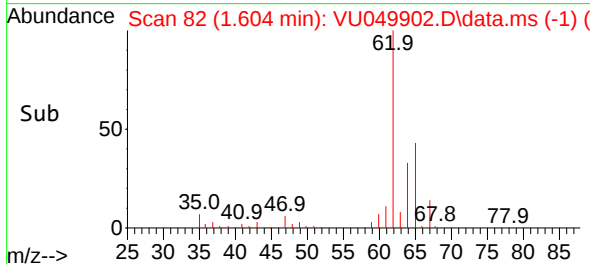
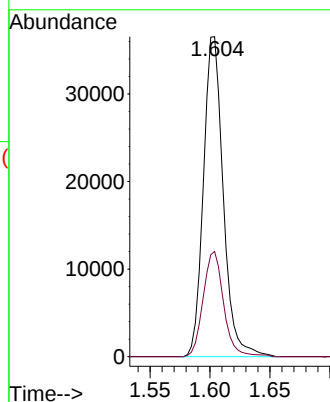
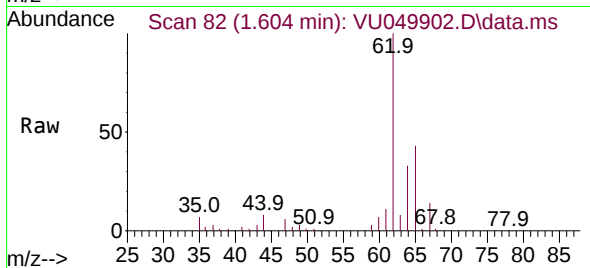




#5
 Vinyl chloride
 Concen: 5.197 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049902.D
 Acq: 26 Jul 2022 06:20

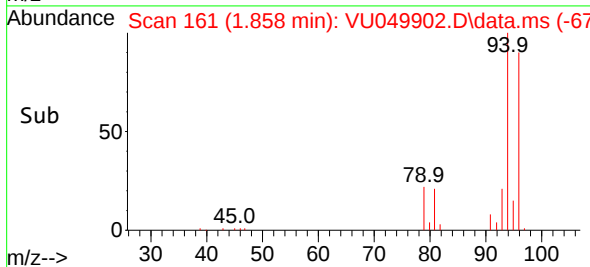
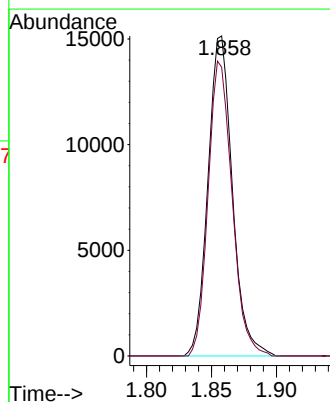
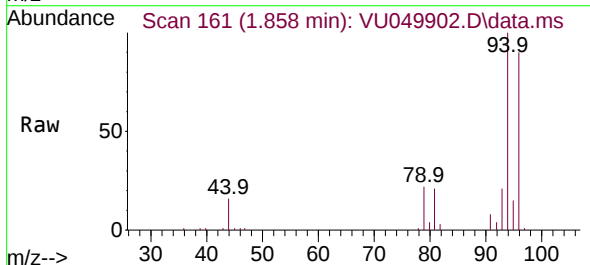
Instrument :
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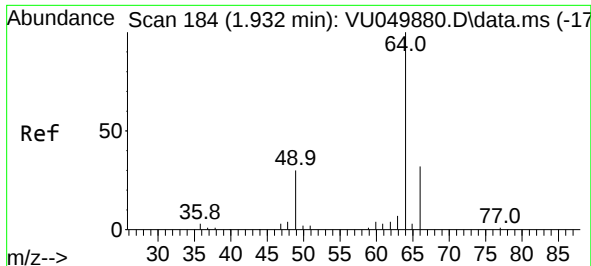
Tgt Ion: 62 Resp: 42135
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.7 42.3



#6
 Bromomethane
 Concen: 4.514 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU049902.D
 Acq: 26 Jul 2022 06:20

Tgt Ion: 94 Resp: 19788
 Ion Ratio Lower Upper
 94 100
 96 90.3 62.6 116.3

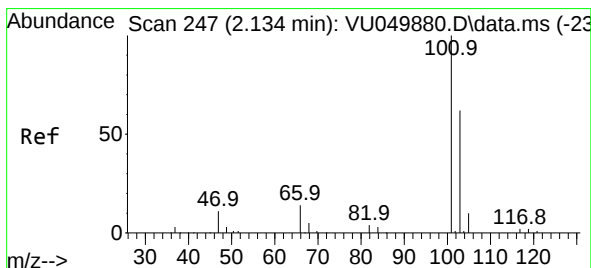
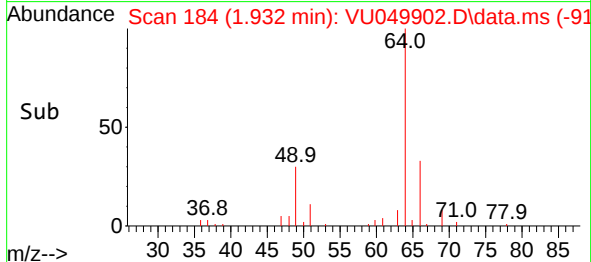
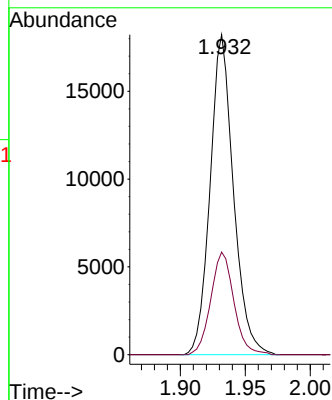
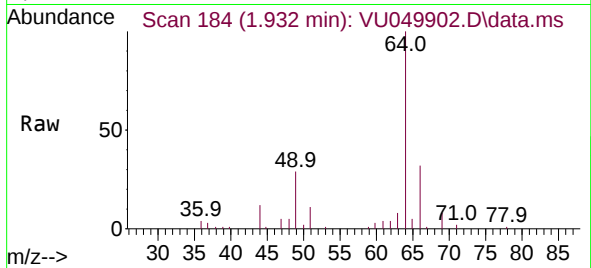




#8
Chloroethane
Concen: 4.868 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

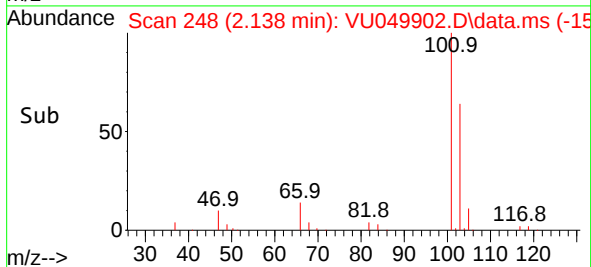
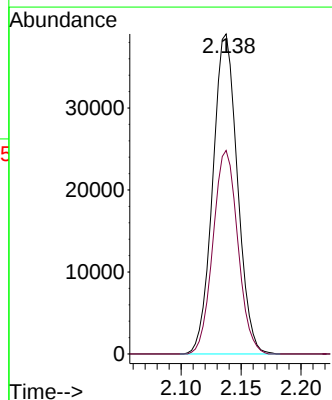
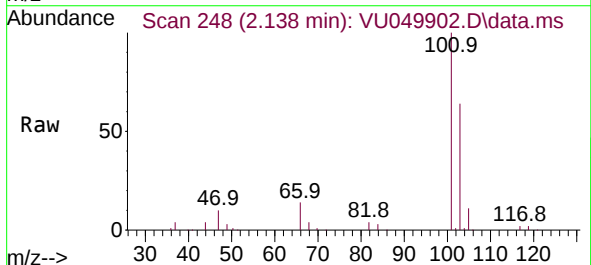
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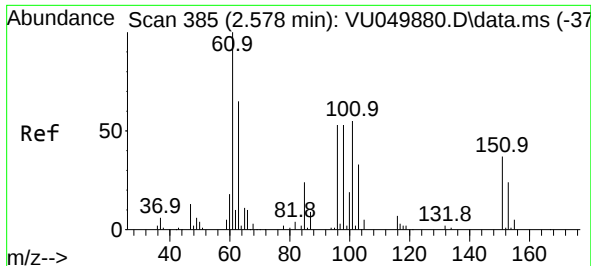
Tgt Ion: 64 Resp: 22740
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.595 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion:101 Resp: 55769
Ion Ratio Lower Upper
101 100
103 64.0 50.8 76.2

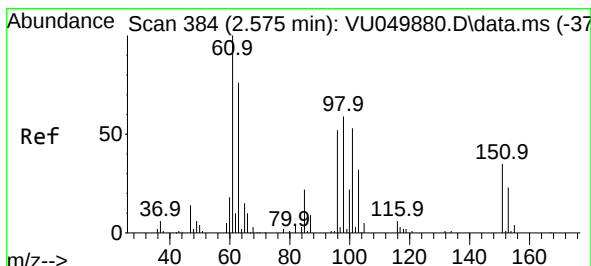
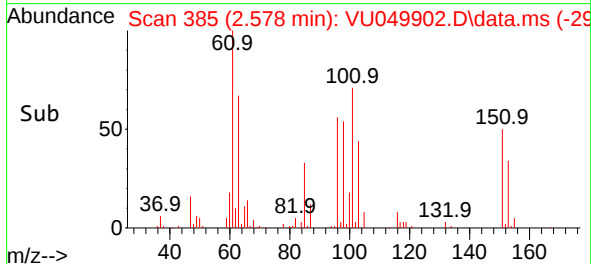
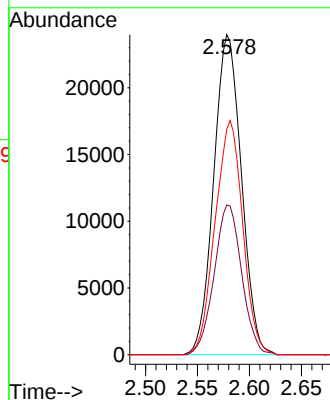
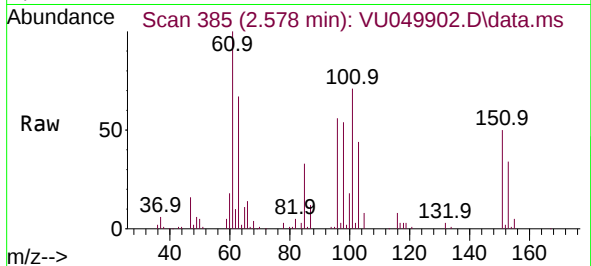




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.121 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049902.D
 Acq: 26 Jul 2022 06:20

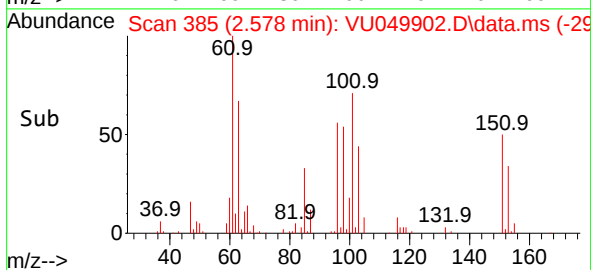
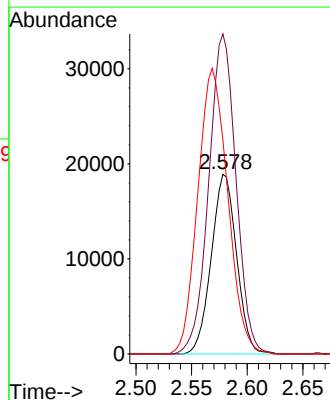
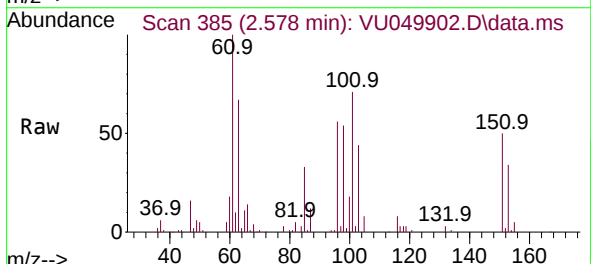
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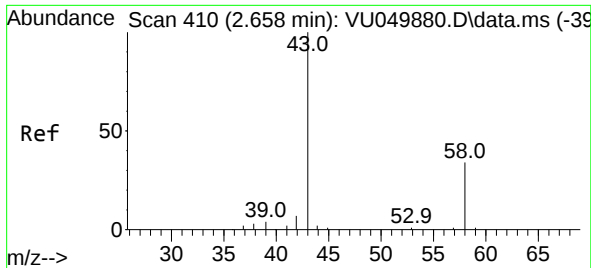
Tgt Ion:101 Resp: 44464
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.2 55.8
 151 73.1 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 6.050 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU049902.D
 Acq: 26 Jul 2022 06:20

Tgt Ion: 96 Resp: 29840
 Ion Ratio Lower Upper
 96 100
 61 178.1 131.6 244.4
 63 119.0 100.0 185.6





#13

Acetone

Concen: 56.615 ug/L

RT: 2.639 min Scan# 404

Delta R.T. -0.019 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

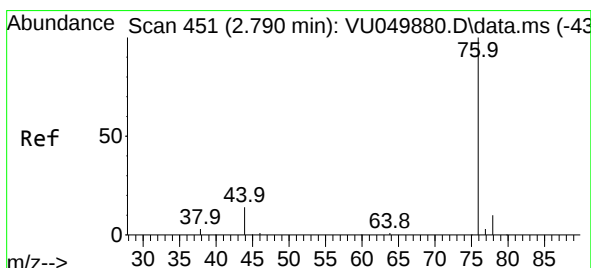
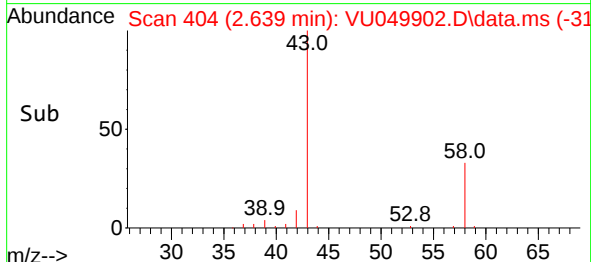
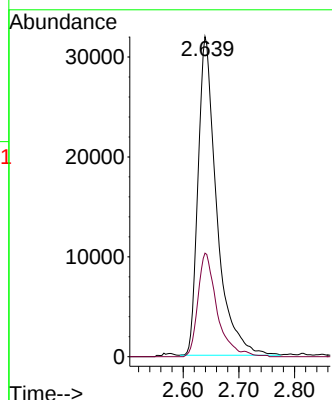
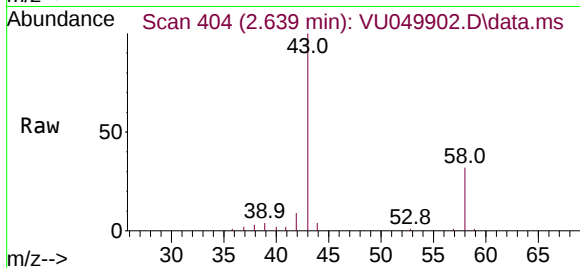
GBJ15MS

Tgt Ion: 43 Resp: 74048

Ion Ratio Lower Upper

43 100

58 32.6 0.0 61.0



#14

Carbon disulfide

Concen: 4.907 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049902.D

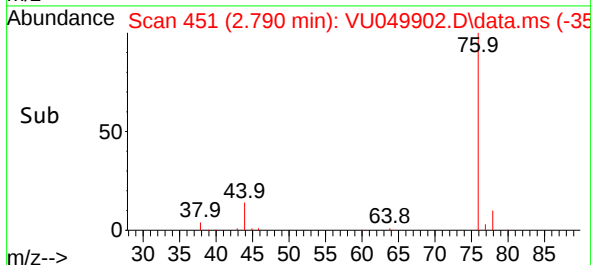
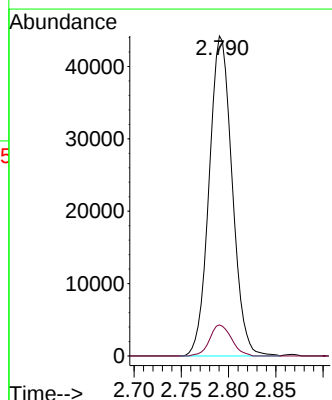
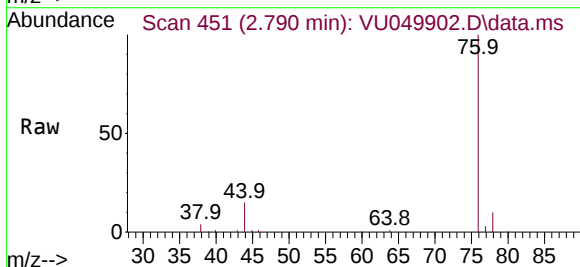
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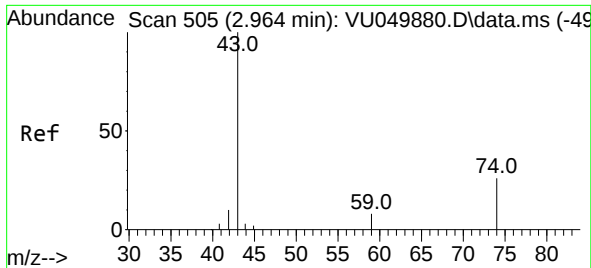
Tgt Ion: 76 Resp: 74877

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

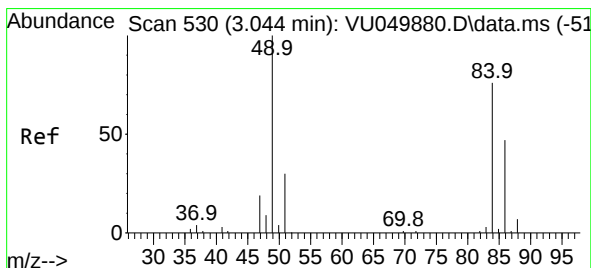
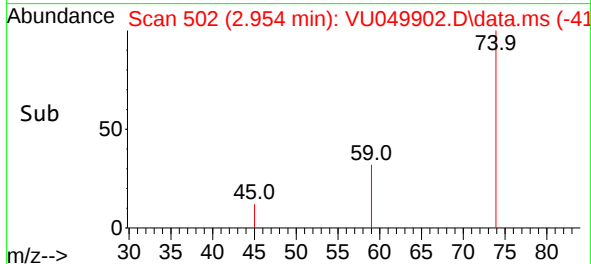
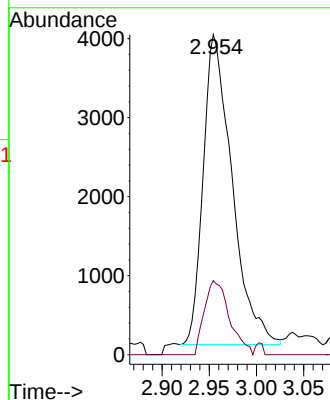
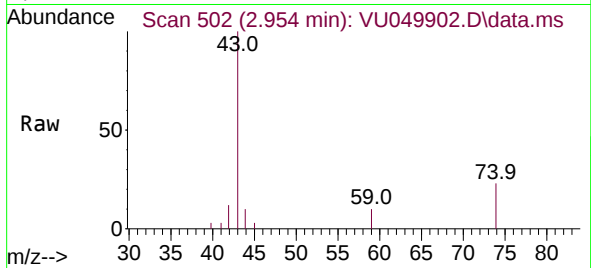




#15
Methyl Acetate
Concen: 2.556 ug/L
RT: 2.954 min Scan# 505
Delta R.T. -0.010 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

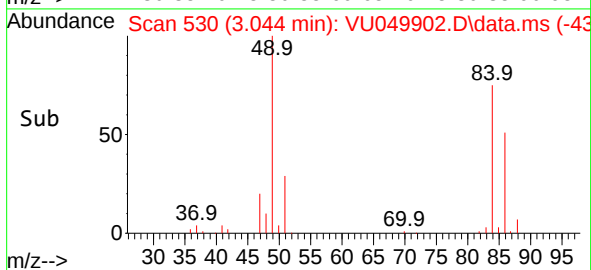
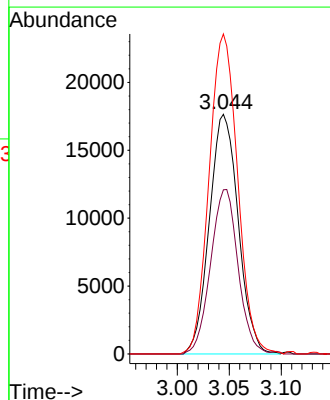
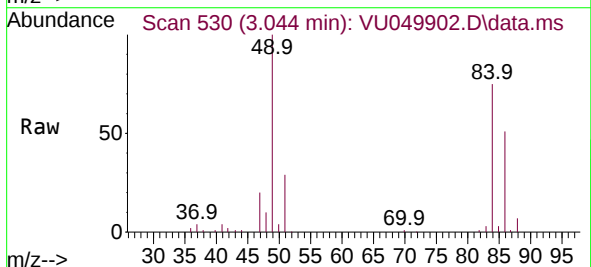
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

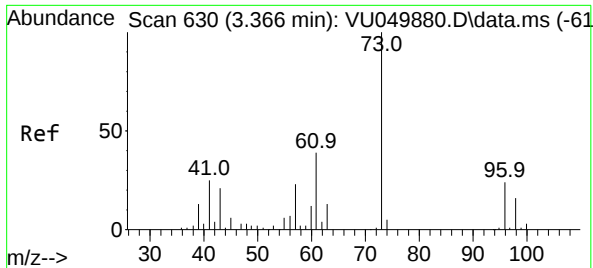
Tgt Ion: 43 Resp: 8333
Ion Ratio Lower Upper
43 100
74 20.6 17.1 25.7



#16
Methylene chloride
Concen: 3.070 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion: 84 Resp: 34153
Ion Ratio Lower Upper
84 100
86 68.5 45.5 84.5
49 133.5 94.1 174.8

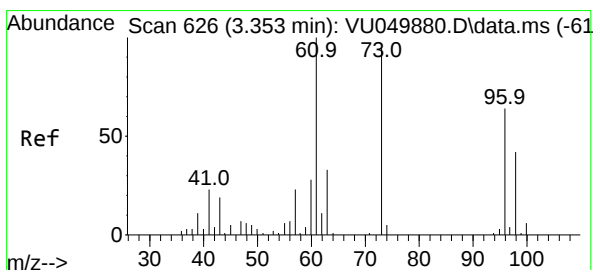
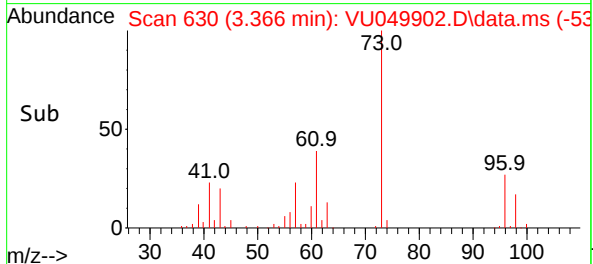
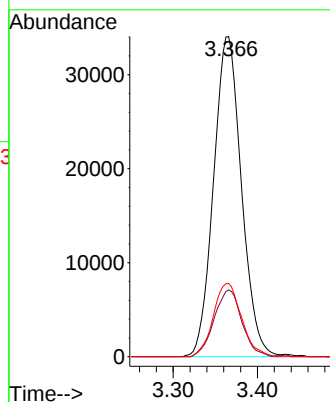
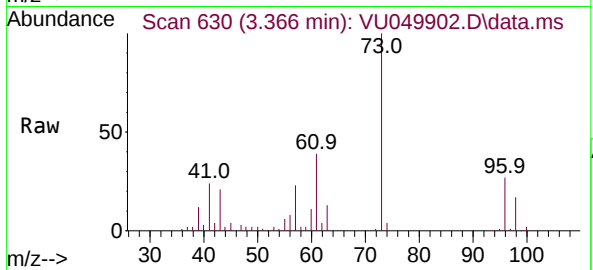




#17
Methyl tert-butyl Ether
Concen: 4.890 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

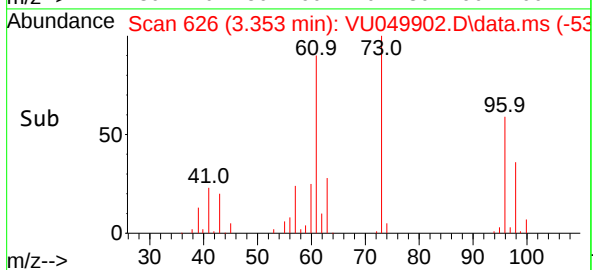
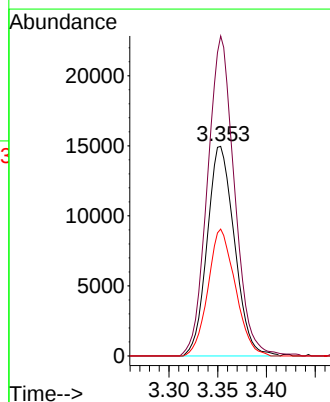
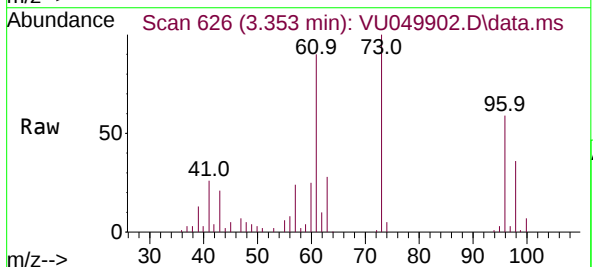
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

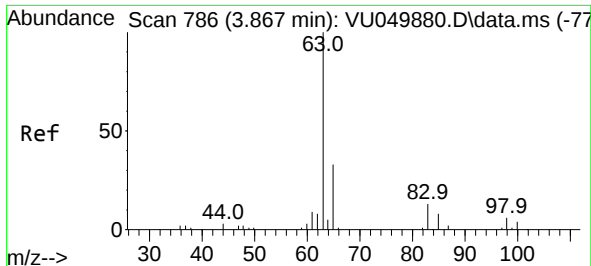
Tgt Ion: 73 Resp: 78136
Ion Ratio Lower Upper
73 100
43 20.7 17.4 26.2
57 23.2 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.123 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion: 96 Resp: 29210
Ion Ratio Lower Upper
96 100
61 152.7 101.5 188.5
98 60.5 42.5 78.9





#19

1,1-Dichloroethane

Concen: 5.689 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MS

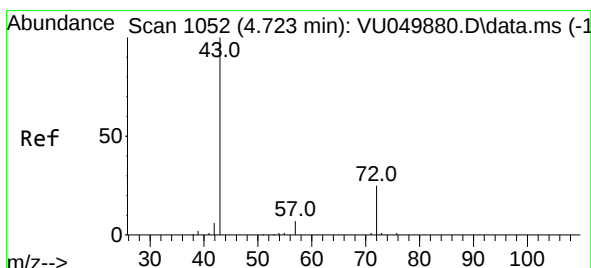
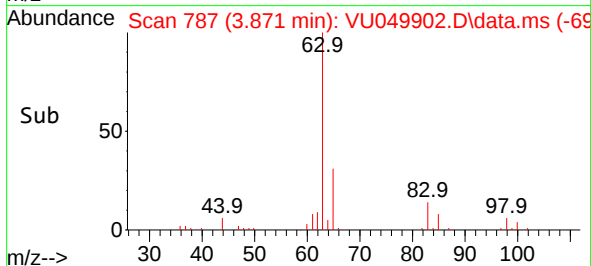
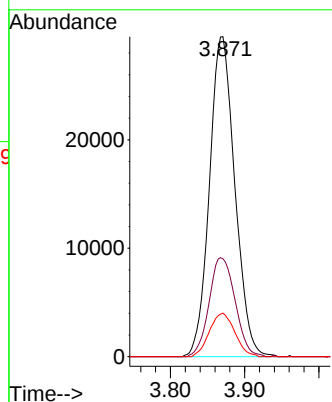
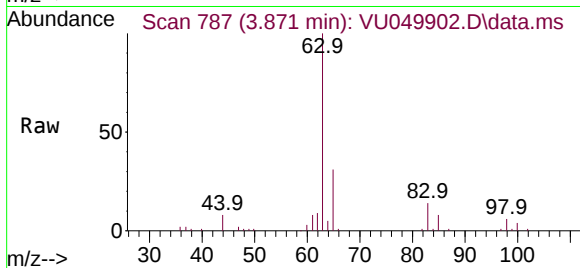
Tgt Ion: 63 Resp: 70099

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

83 13.6 8.3 15.5



#21

2-Butanone

Concen: 54.717 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.013 min

Lab File: VU049902.D

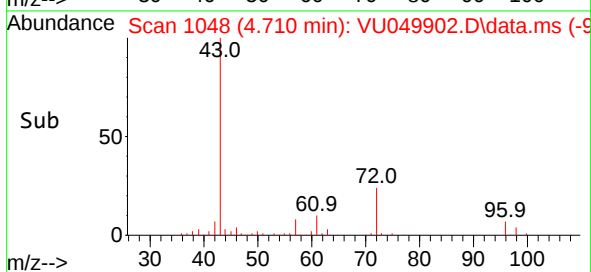
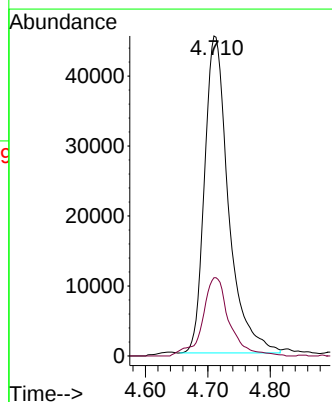
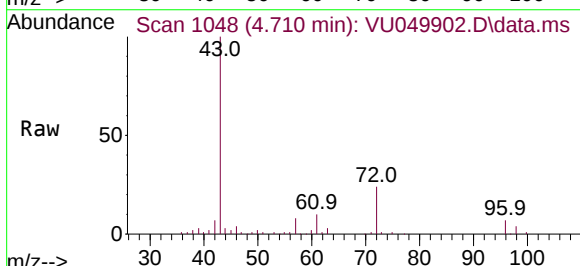
Acq: 26 Jul 2022 06:20

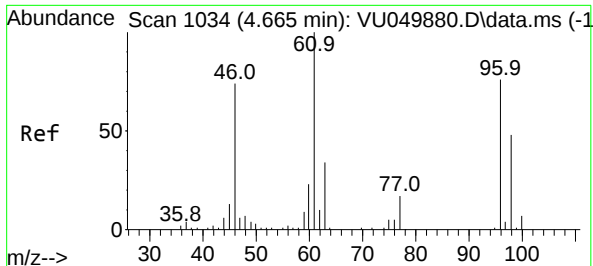
Tgt Ion: 43 Resp: 121374

Ion Ratio Lower Upper

43 100

72 27.5 11.9 35.5

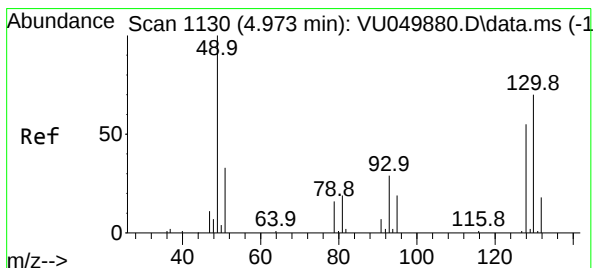
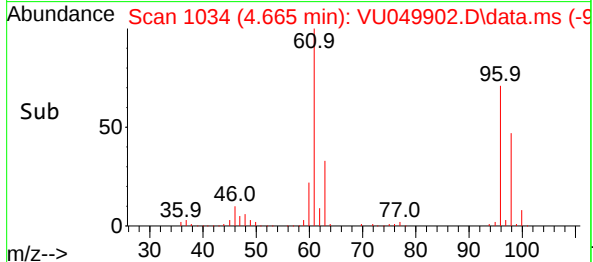
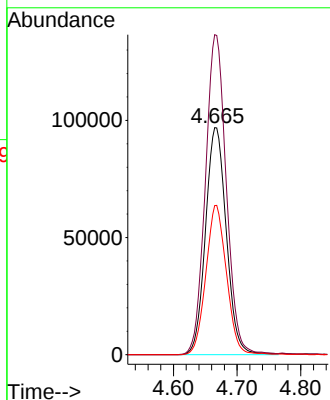
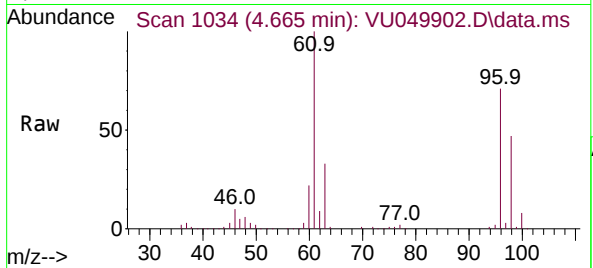




#22
cis-1,2-Dichloroethene
Concen: 33.476 ug/L
RT: 4.665 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

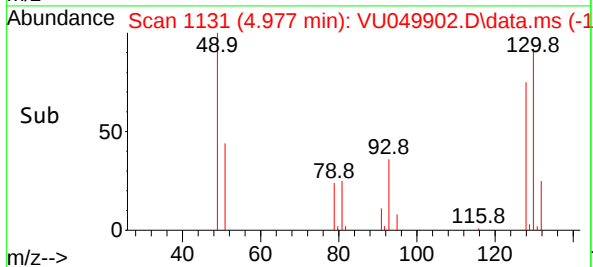
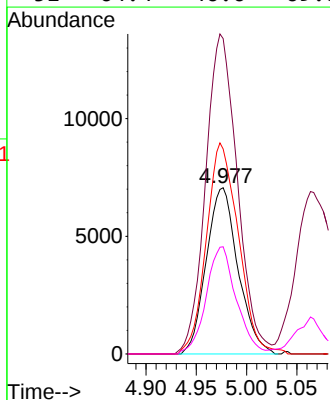
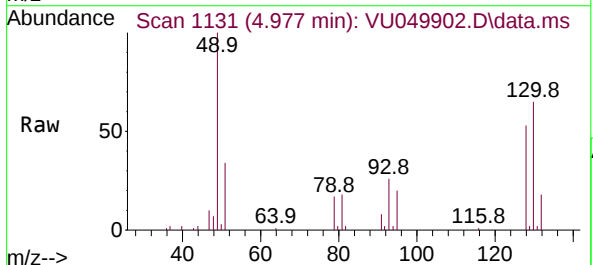
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

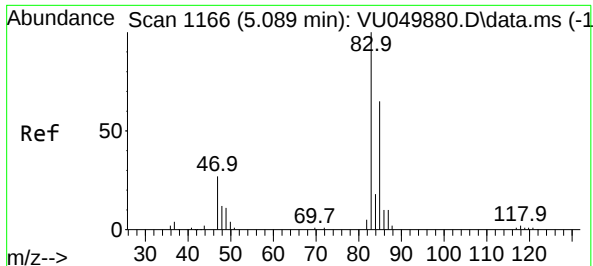
Tgt Ion: 96 Resp: 221065
Ion Ratio Lower Upper
96 100
61 140.9 93.9 174.3
98 65.7 43.9 81.5



#23
Bromochloromethane
Concen: 5.258 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion: 128 Resp: 15511
Ion Ratio Lower Upper
128 100
49 189.6 124.9 232.1
130 123.3 88.5 164.3
51 64.4 46.6 69.8





#25

Chloroform

Concen: 4.986 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

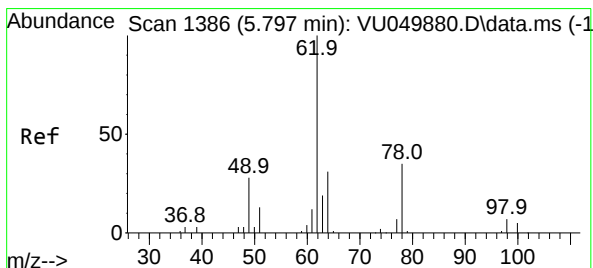
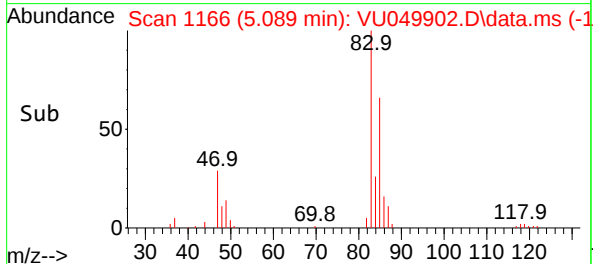
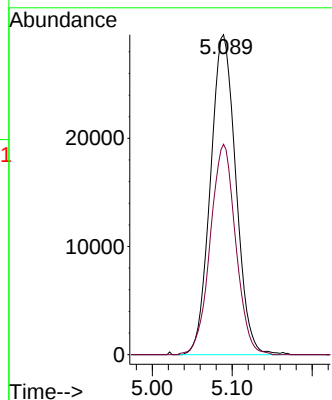
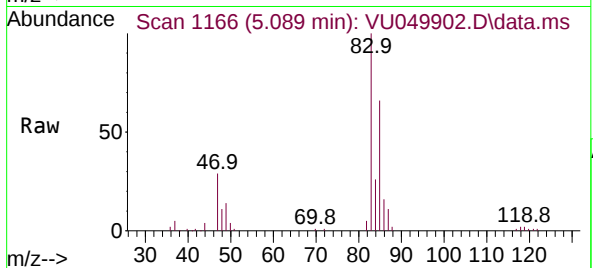
GBJ15MS

Tgt Ion: 83 Resp: 65175

Ion Ratio Lower Upper

83 100

85 65.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.008 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU049902.D

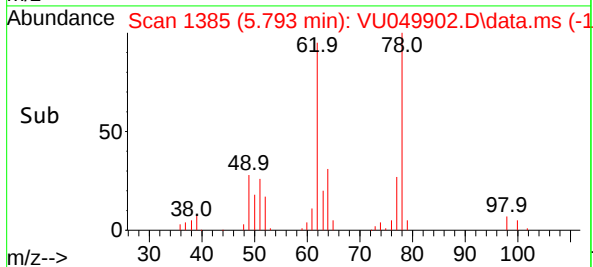
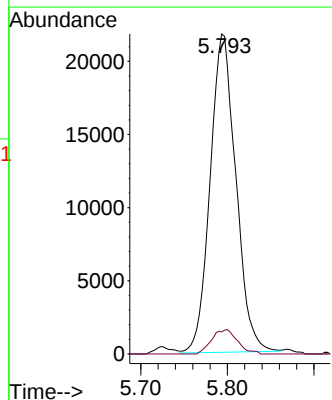
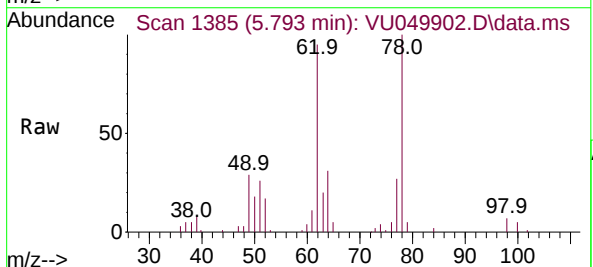
Acq: 26 Jul 2022 06:20

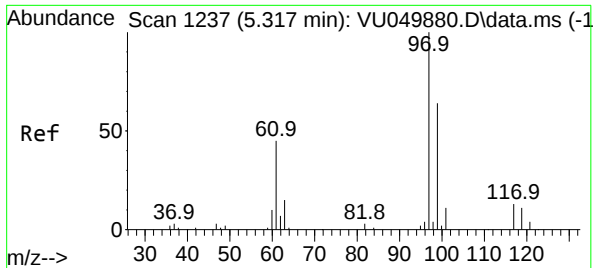
Tgt Ion: 62 Resp: 44967

Ion Ratio Lower Upper

62 100

98 6.9 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.494 ug/L

RT: 5.318 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MS

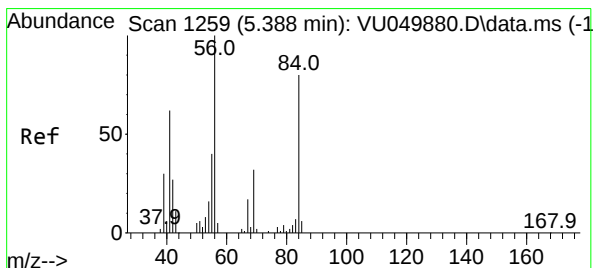
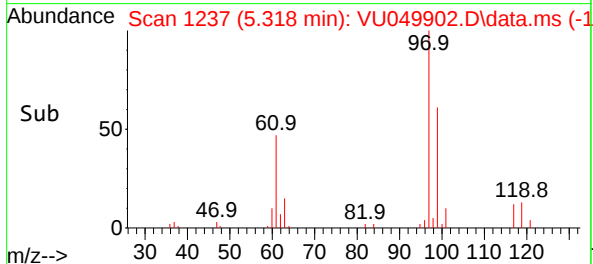
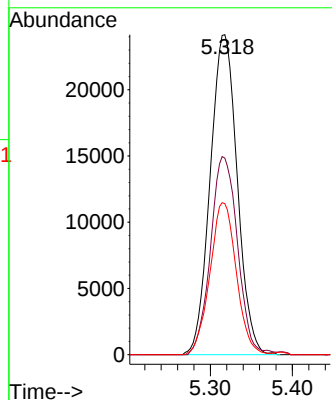
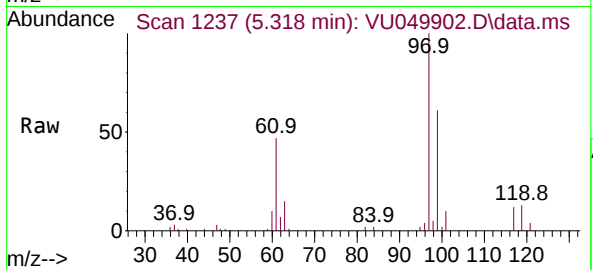
Tgt Ion: 97 Resp: 55422

Ion Ratio Lower Upper

97 100

99 61.9 51.8 77.8

61 46.4 38.3 57.5



#30

Cyclohexane

Concen: 5.761 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

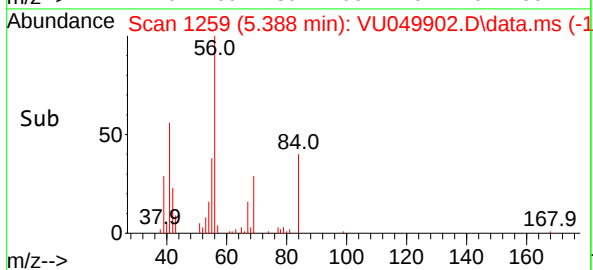
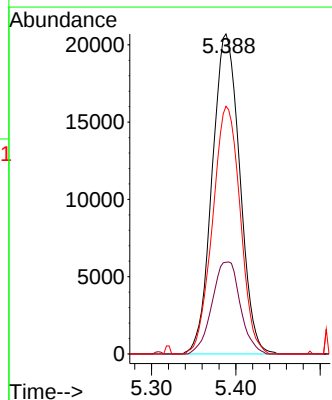
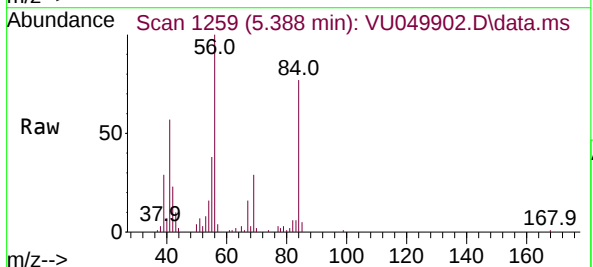
Tgt Ion: 56 Resp: 47064

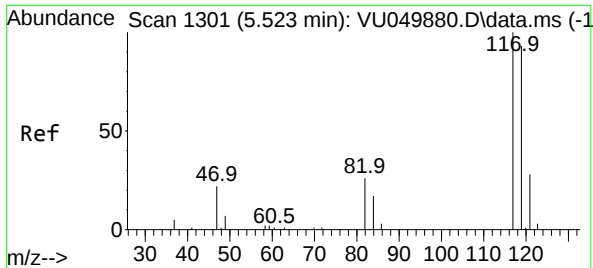
Ion Ratio Lower Upper

56 100

69 29.4 22.8 34.2

84 77.3 63.0 94.6

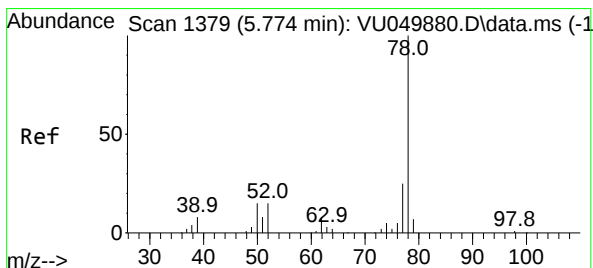
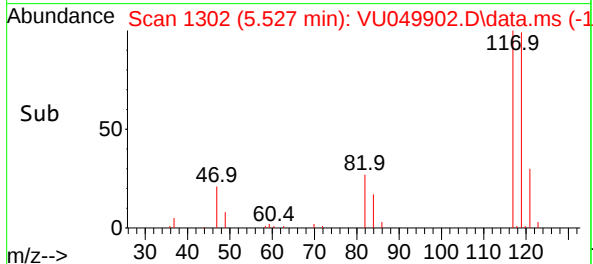
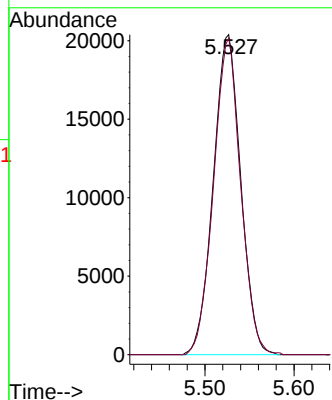
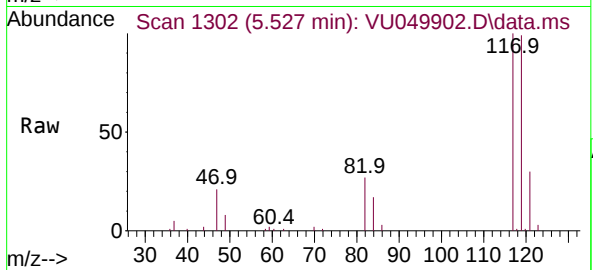




#31
Carbon tetrachloride
Concen: 5.335 ug/L
RT: 5.527 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

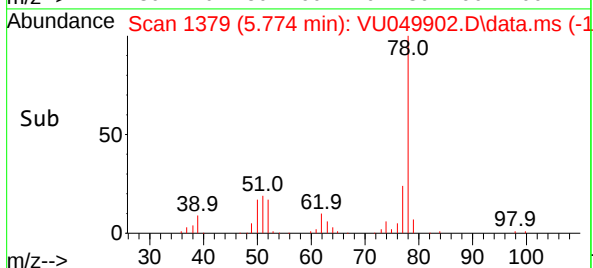
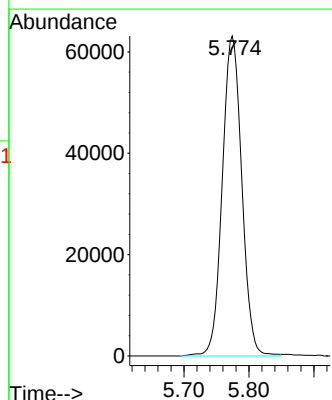
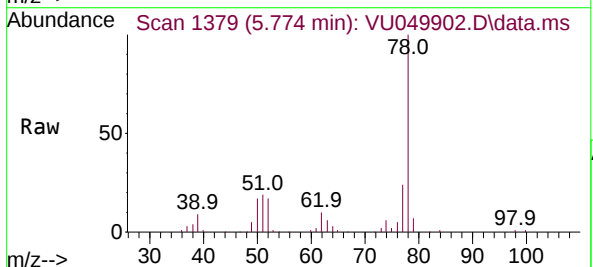
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

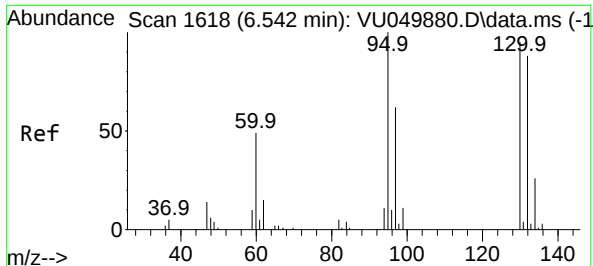
Tgt Ion:117 Resp: 43700
Ion Ratio Lower Upper
117 100
119 97.5 75.2 112.8



#33
Benzene
Concen: 5.037 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion: 78 Resp: 131350

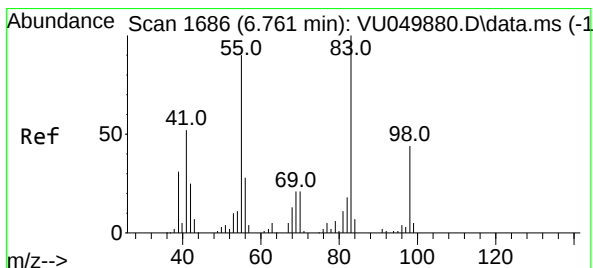
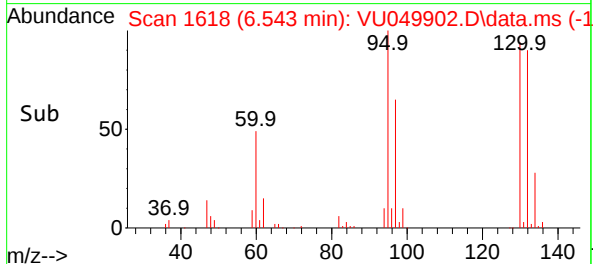
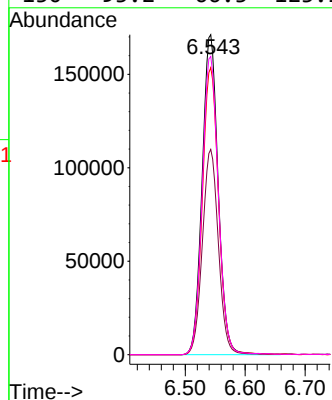
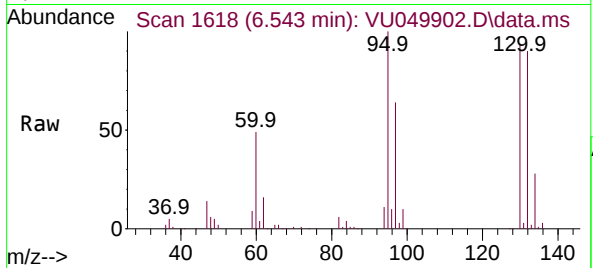




#34
Trichloroethene
Concen: 50.625 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

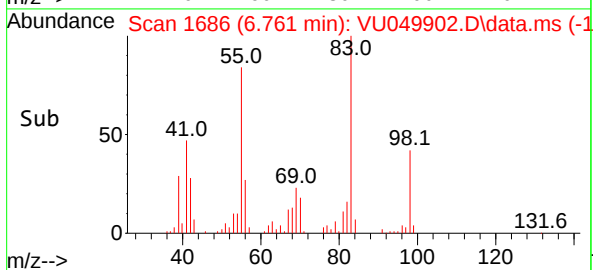
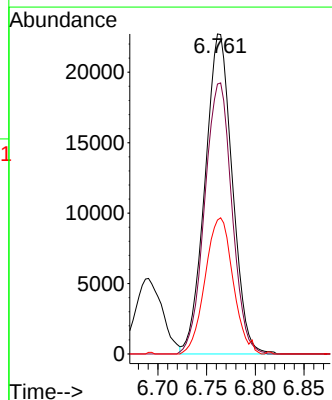
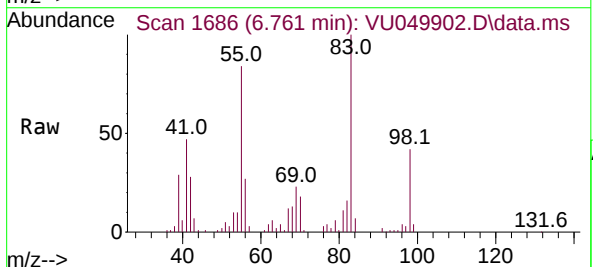
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

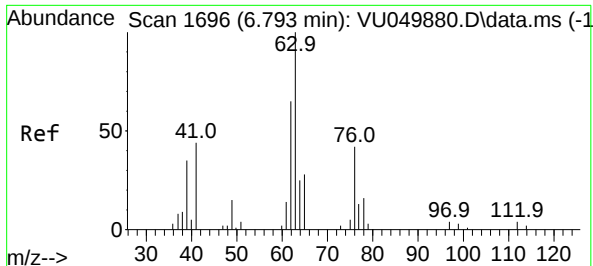
Tgt Ion: 95 Resp: 320079
Ion Ratio Lower Upper
95 100
97 64.1 46.8 86.8
132 89.7 61.8 114.8
130 93.2 66.3 123.1



#35
Methylcyclohexane
Concen: 5.676 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion: 83 Resp: 44265
Ion Ratio Lower Upper
83 100
55 84.5 69.0 103.4
98 43.5 36.4 54.6

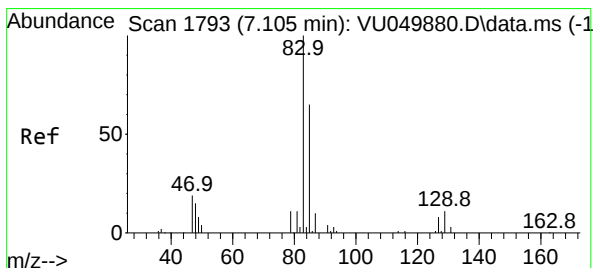
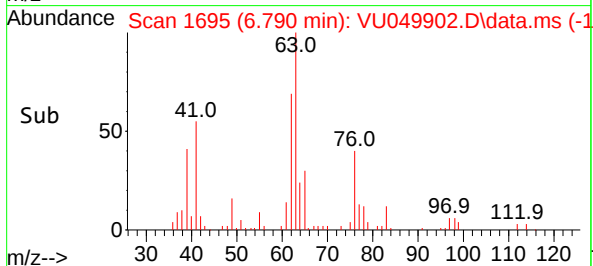
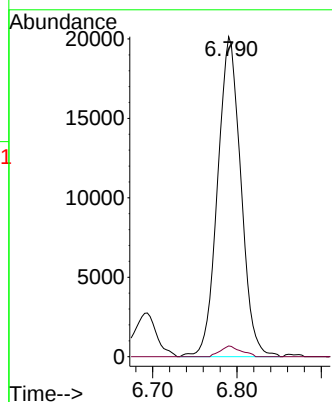
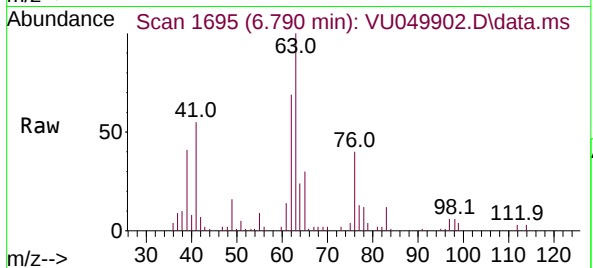




#37
1,2-Dichloropropane
Concen: 5.189 ug/L
RT: 6.790 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

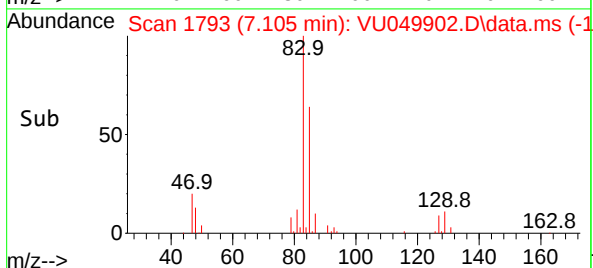
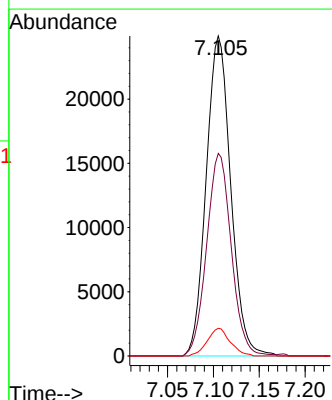
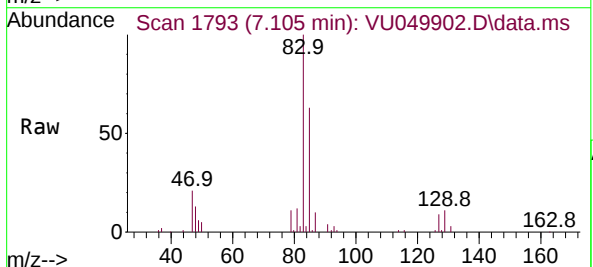
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

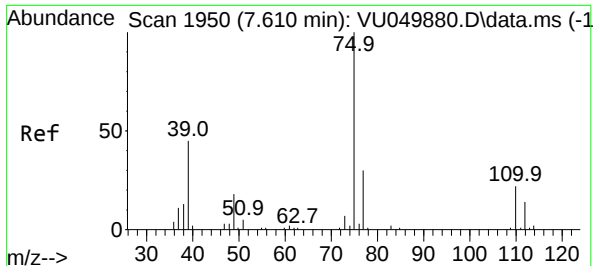
Tgt Ion: 63 Resp: 38564
Ion Ratio Lower Upper
63 100
112 3.0 2.8 4.2



#38
Bromodichloromethane
Concen: 4.995 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion: 83 Resp: 46384
Ion Ratio Lower Upper
83 100
85 63.3 45.9 85.3
127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.353 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

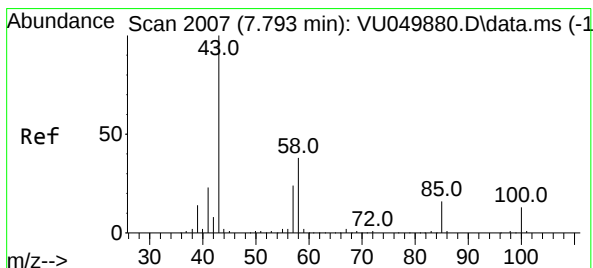
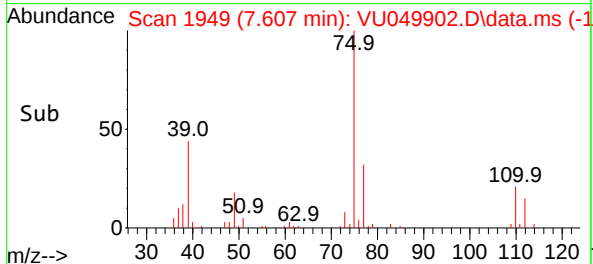
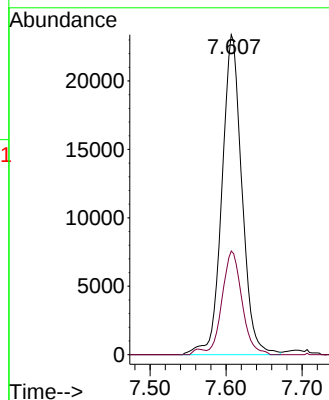
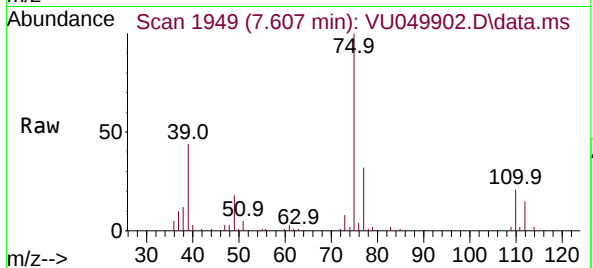
GBJ15MS

Tgt Ion: 75 Resp: 42639

Ion Ratio Lower Upper

75 100

77 32.4 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 53.647 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

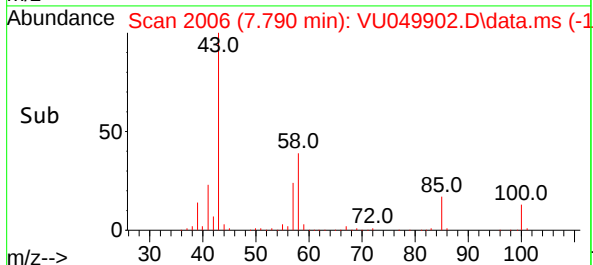
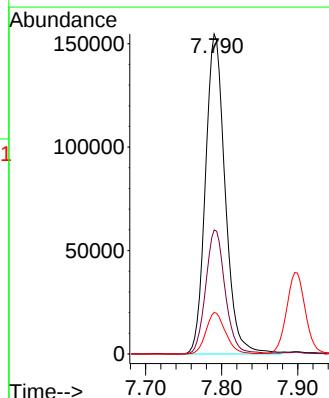
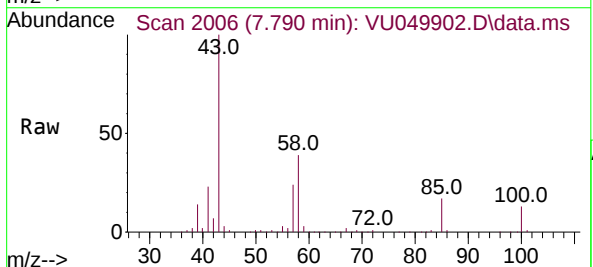
Tgt Ion: 43 Resp: 278104

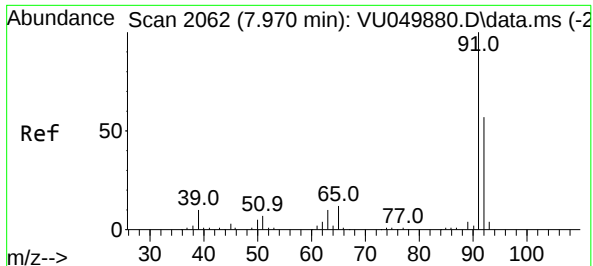
Ion Ratio Lower Upper

43 100

58 38.4 31.0 46.4

100 12.9 10.4 15.6





#42

Toluene

Concen: 5.085 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

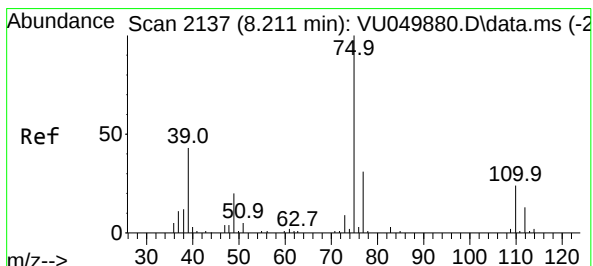
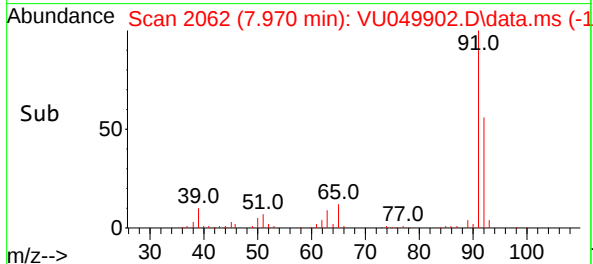
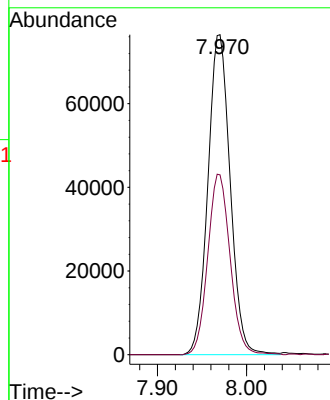
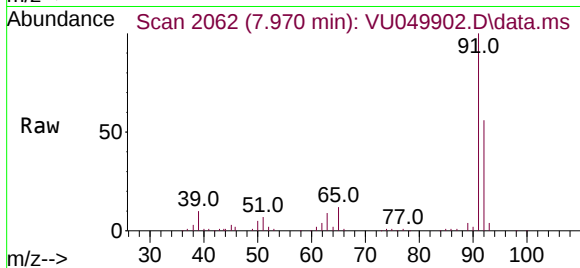
GBJ15MS

Tgt Ion: 91 Resp: 132621

Ion Ratio Lower Upper

91 100

92 56.2 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.457 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049902.D

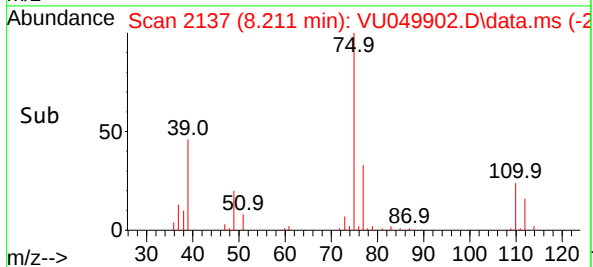
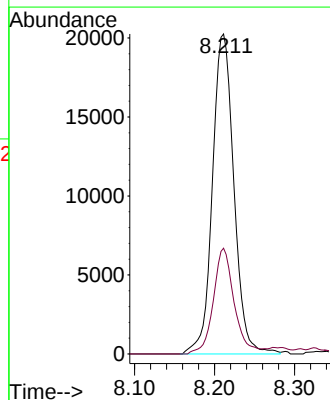
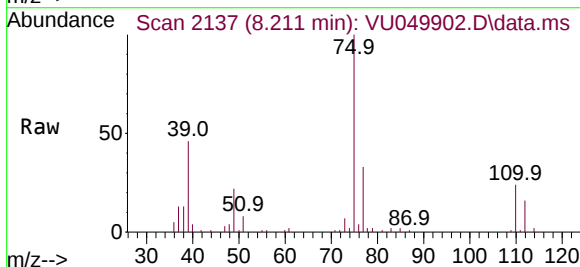
Acq: 26 Jul 2022 06:20

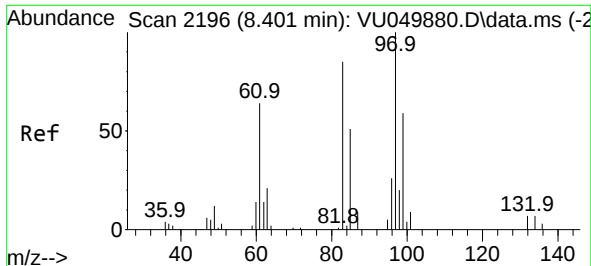
Tgt Ion: 75 Resp: 37689

Ion Ratio Lower Upper

75 100

77 33.1 21.2 39.4



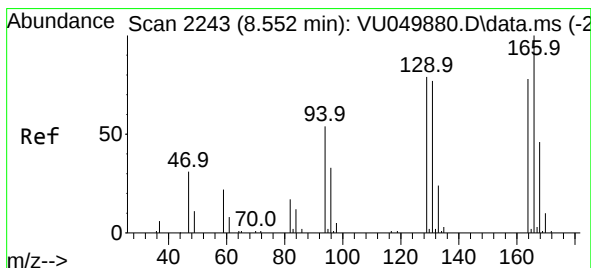
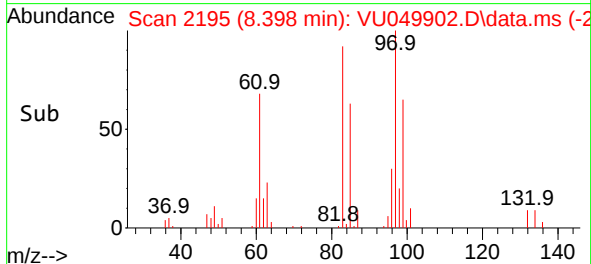
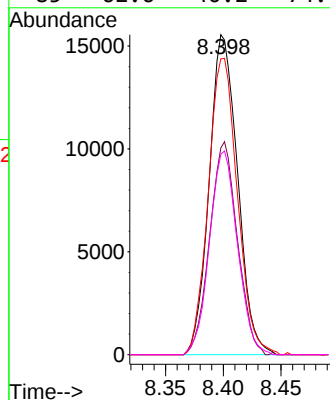
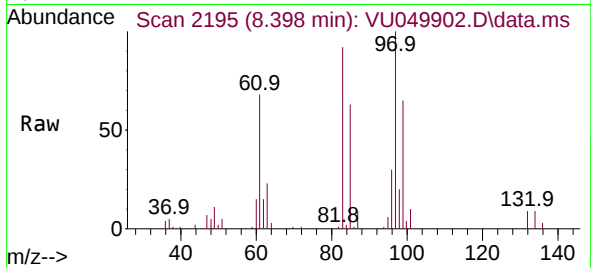


#45
1,1,2-Trichloroethane
Concen: 5.014 ug/L
RT: 8.398 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

Tgt Ion: 97 Resp: 26591

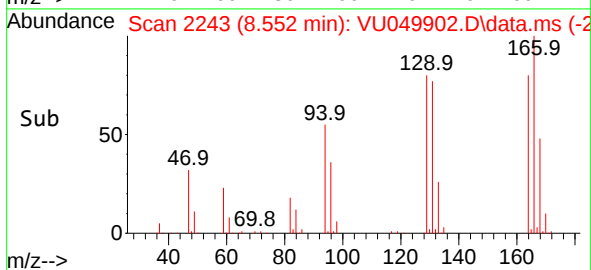
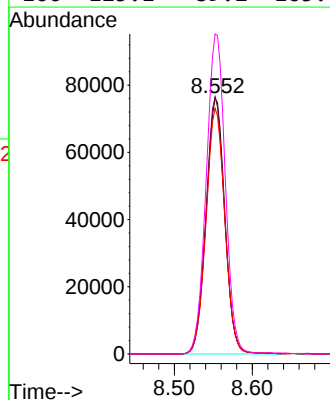
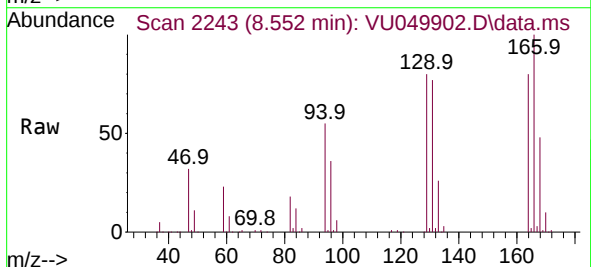
Ion	Ratio	Lower	Upper
97	100		
99	64.6	43.8	81.3
83	92.4	62.4	115.8
85	62.6	40.2	74.6

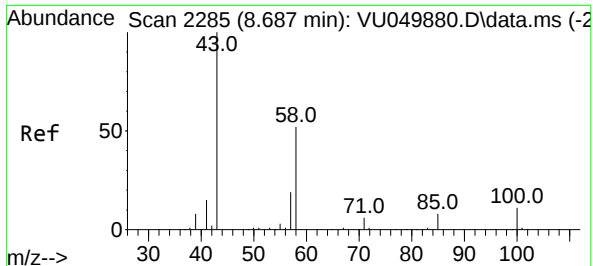


#47
Tetrachloroethene
Concen: 29.136 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion: 164 Resp: 126809

Ion	Ratio	Lower	Upper
164	100		
129	100.5	68.9	127.9
131	96.0	67.5	125.4
166	125.1	89.2	165.8

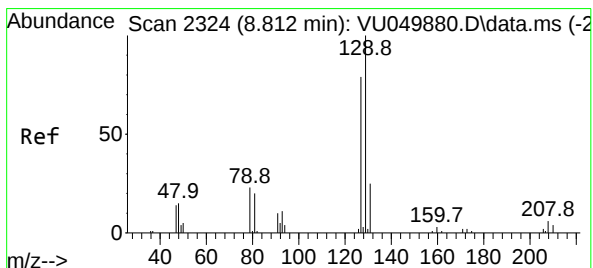
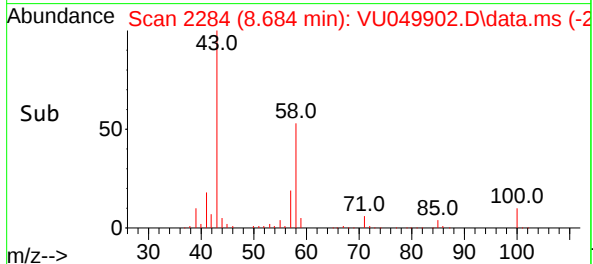
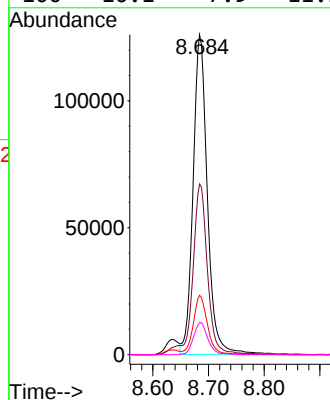
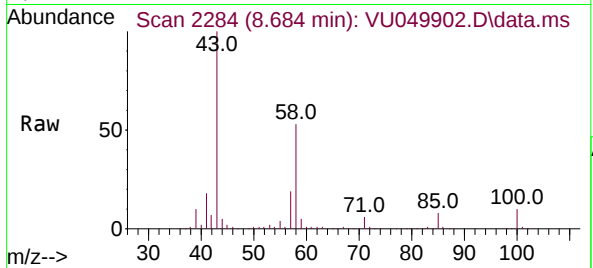




#48
2-Hexanone
Concen: 58.076 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

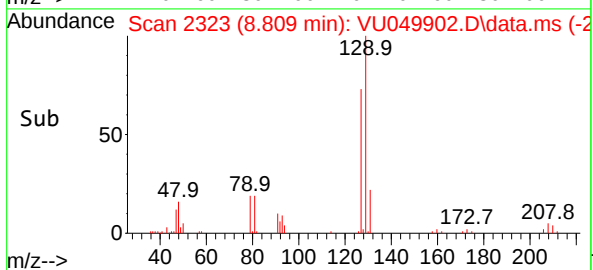
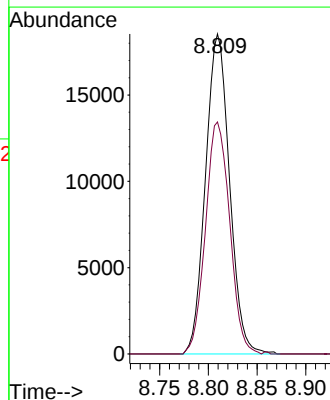
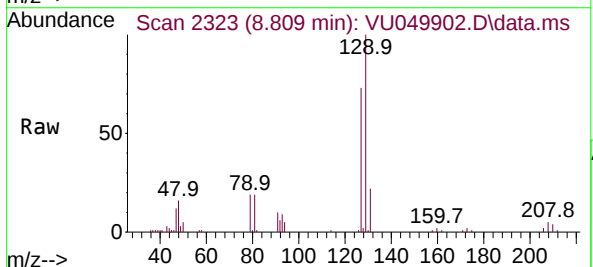
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

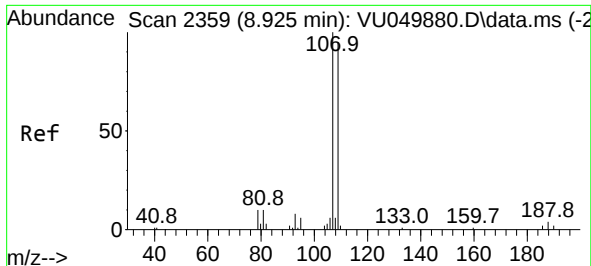
Tgt Ion: 43 Resp: 224703
Ion Ratio Lower Upper
43 100
58 55.3 42.1 63.1
57 17.9 14.3 21.5
100 10.1 7.9 11.9



#49
Dibromochloromethane
Concen: 5.371 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion: 129 Resp: 31842
Ion Ratio Lower Upper
129 100
127 72.5 50.5 93.7





#50

1,2-Dibromoethane

Concen: 5.353 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MS

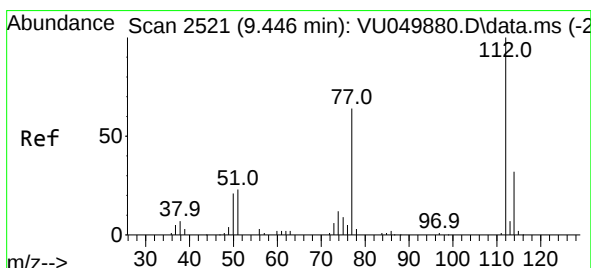
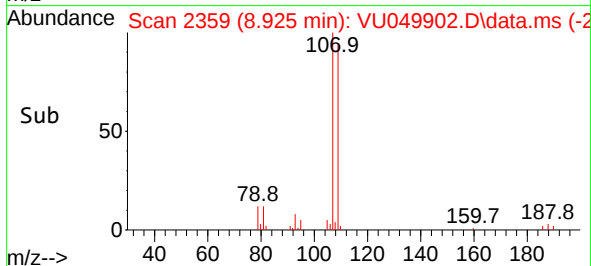
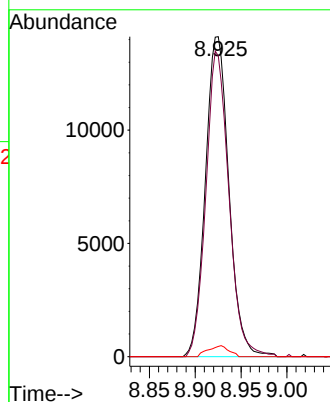
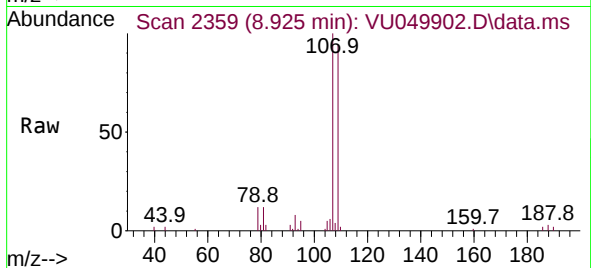
Tgt Ion:107 Resp: 25217

Ion Ratio Lower Upper

107 100

109 94.0 65.6 121.8

188 3.2 2.8 4.2



#51

Chlorobenzene

Concen: 4.745 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

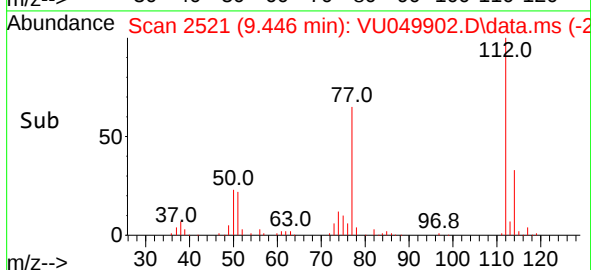
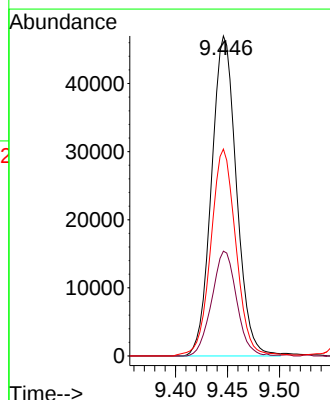
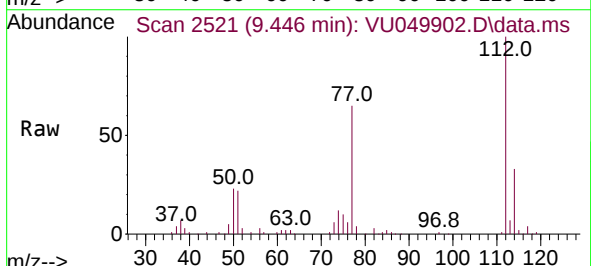
Tgt Ion:112 Resp: 78567

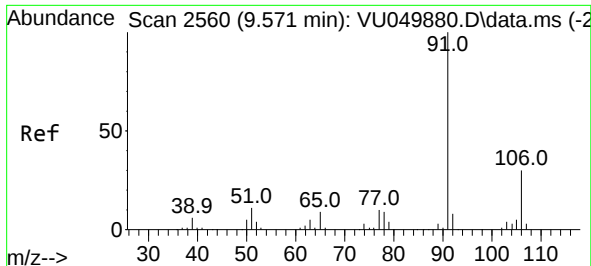
Ion Ratio Lower Upper

112 100

114 32.8 22.4 41.6

77 64.6 51.2 76.8

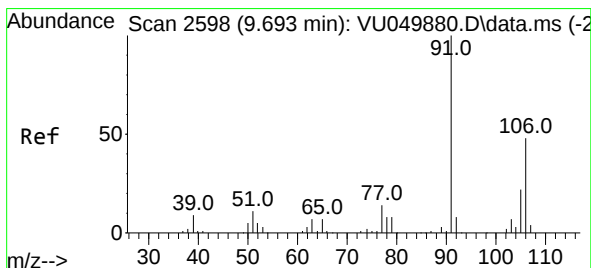
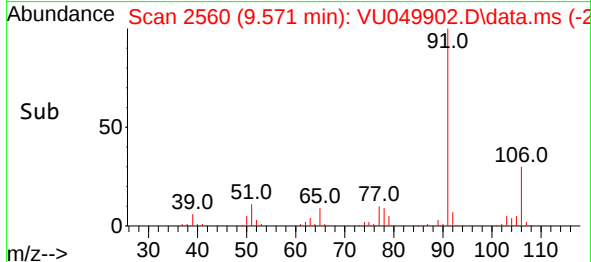
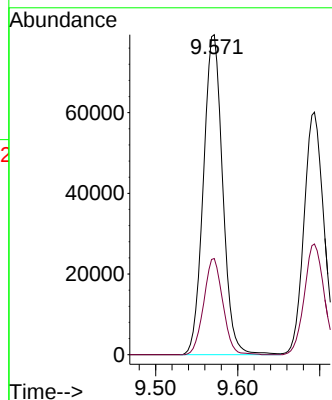
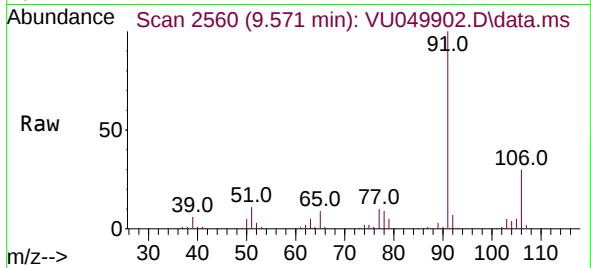




#52
Ethylbenzene
Concen: 4.828 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

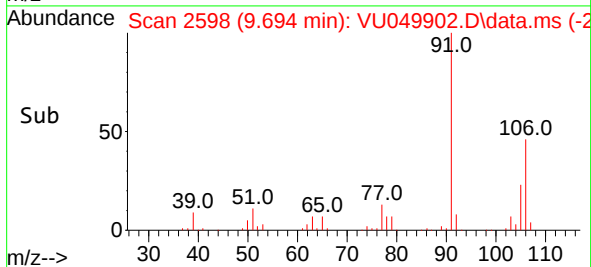
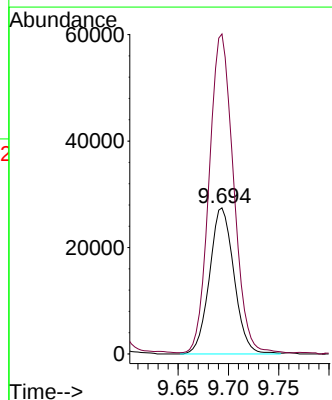
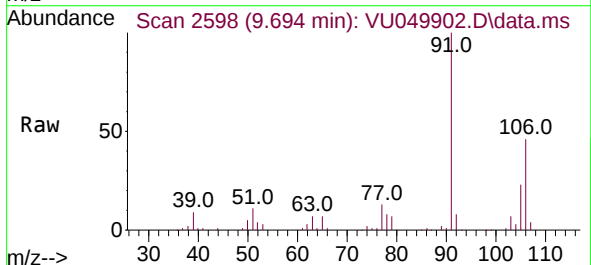
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

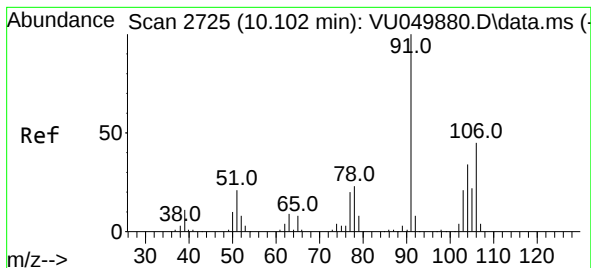
Tgt Ion: 91 Resp: 129461
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.4



#53
m,p-Xylene
Concen: 4.711 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion:106 Resp: 46478
Ion Ratio Lower Upper
106 100
91 219.1 149.7 277.9





#54

o-Xylene

Concen: 4.783 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. -0.003 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

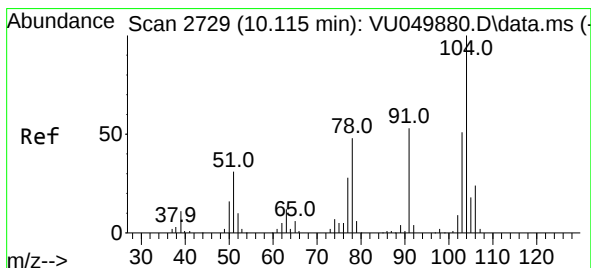
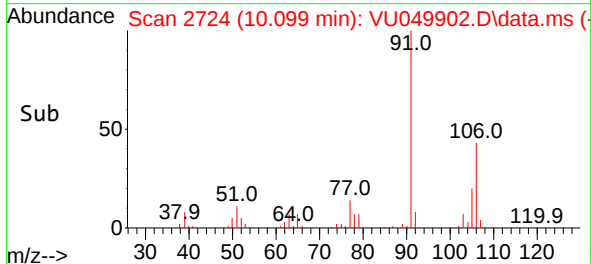
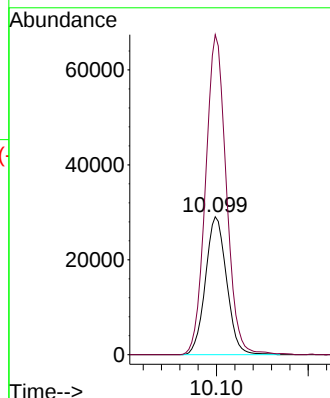
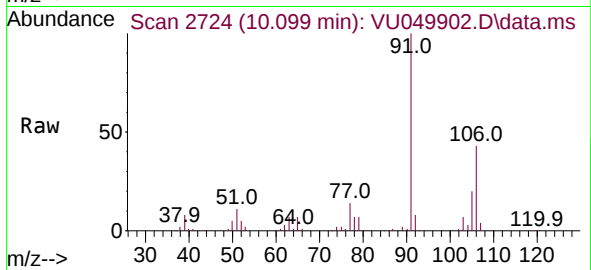
GBJ15MS

Tgt Ion:106 Resp: 46623

Ion Ratio Lower Upper

106 100

91 232.1 159.4 296.0



#55

Styrene

Concen: 0.184 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. -0.016 min

Lab File: VU049902.D

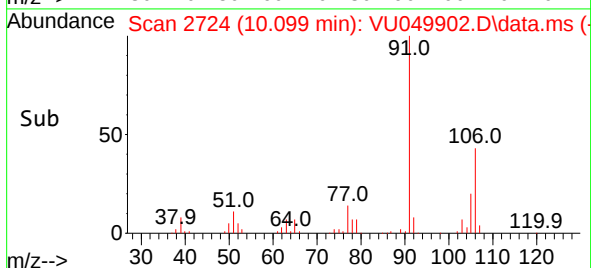
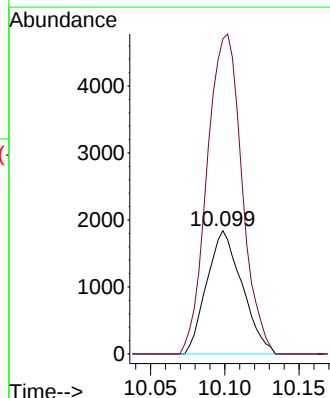
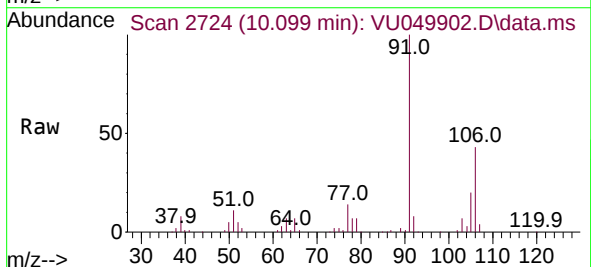
Acq: 26 Jul 2022 06:20

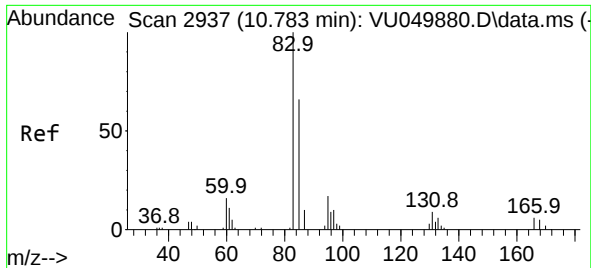
Tgt Ion:104 Resp: 3046

Ion Ratio Lower Upper

104 100

78 255.8 35.1 65.3#

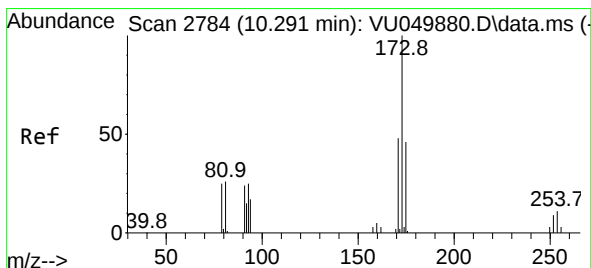
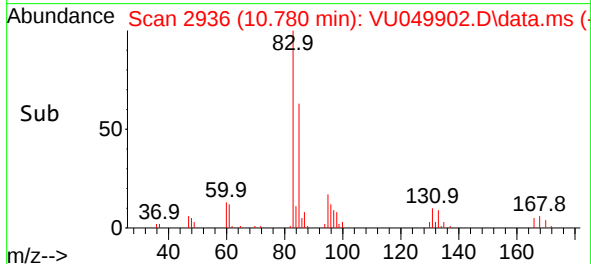
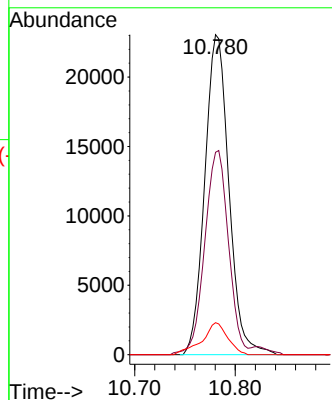
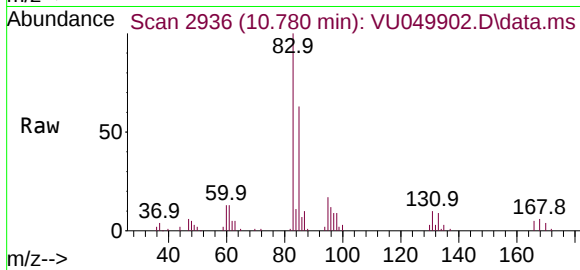




#57
1,1,2,2-Tetrachloroethane
Concen: 5.610 ug/L
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

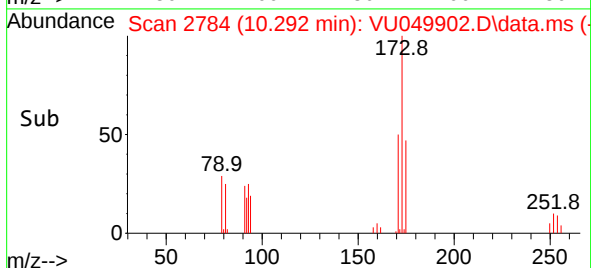
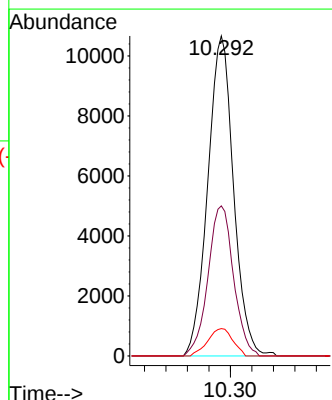
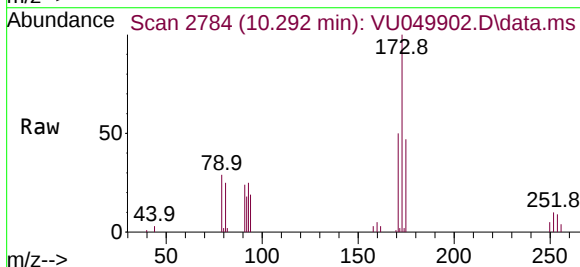
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

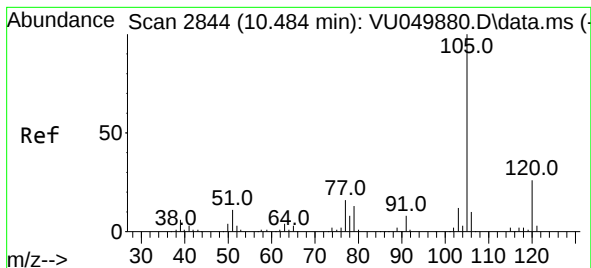
Tgt Ion: 83 Resp: 38436
Ion Ratio Lower Upper
83 100
85 63.2 47.9 89.1
131 10.0 7.3 10.9



#59
Bromoform
Concen: 5.630 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion:173 Resp: 17757
Ion Ratio Lower Upper
173 100
175 46.4 39.5 59.3
254 8.3 7.5 11.3





#60

Isopropylbenzene

Concen: 4.890 ug/L

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MS

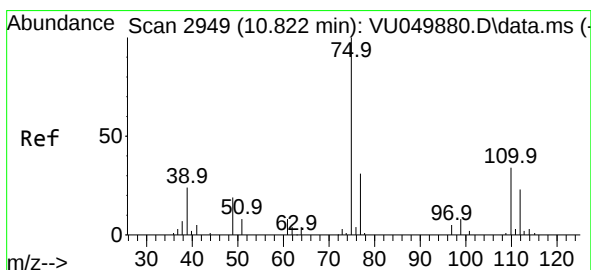
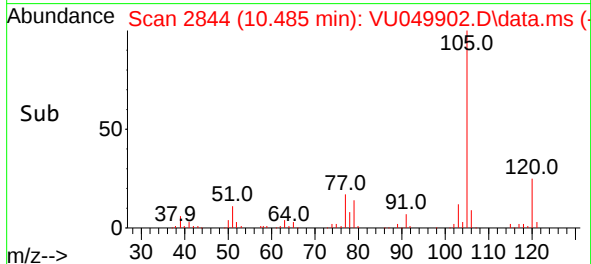
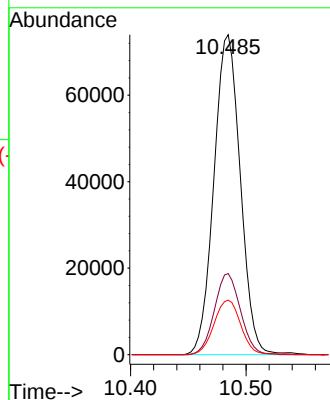
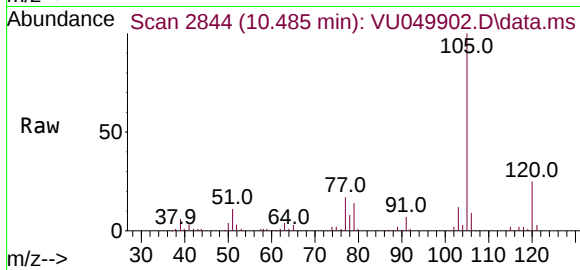
Tgt Ion:105 Resp: 117240

Ion Ratio Lower Upper

105 100

120 25.0 20.4 30.6

77 17.3 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 5.411 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

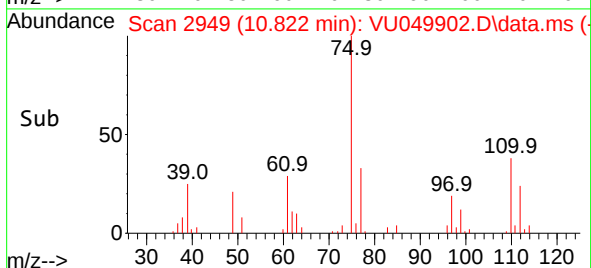
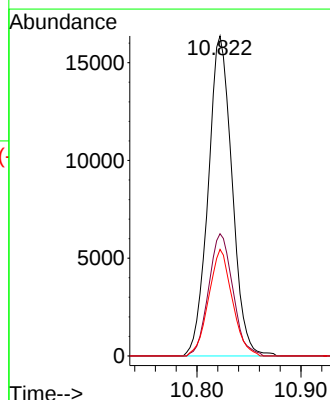
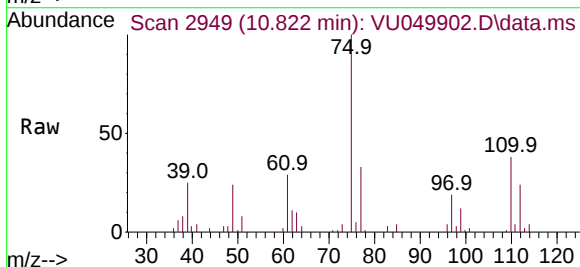
Tgt Ion: 75 Resp: 26126

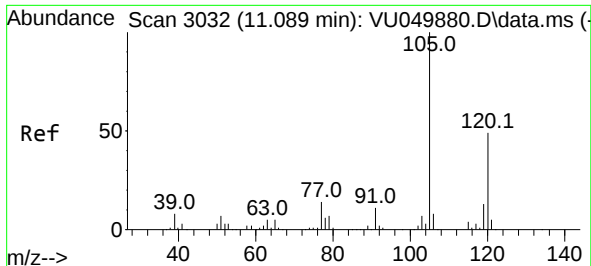
Ion Ratio Lower Upper

75 100

110 38.7 28.0 42.0

77 32.9 25.4 38.2

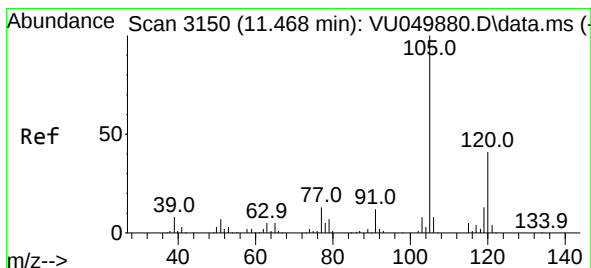
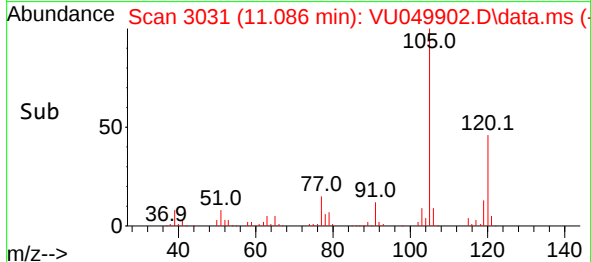
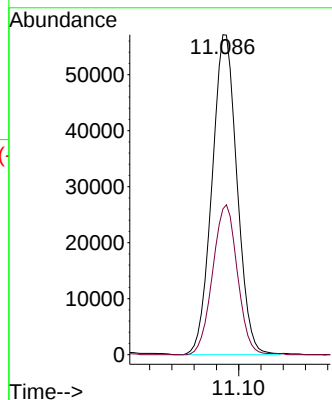
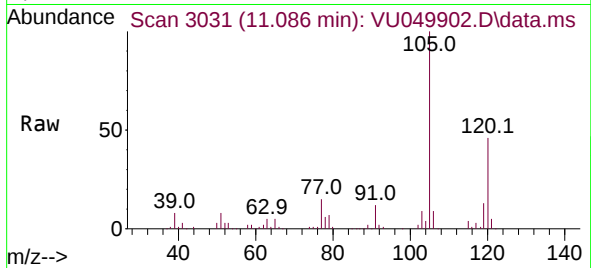




#62
1,3,5-Trimethylbenzene
Concen: 4.400 ug/L
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

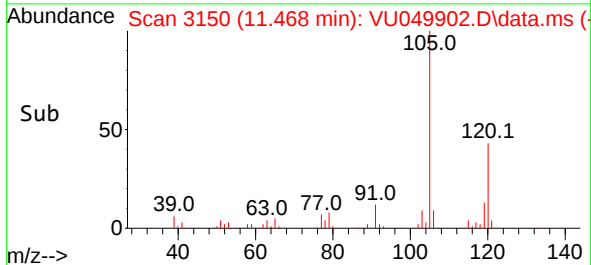
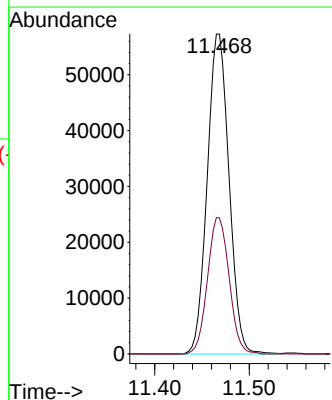
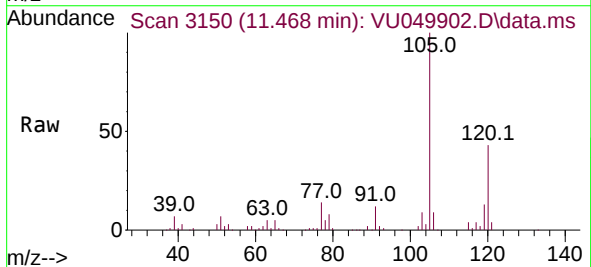
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

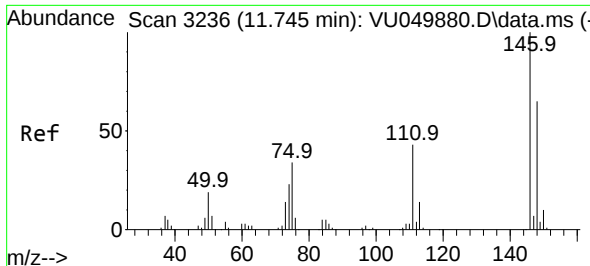
Tgt Ion:105 Resp: 89128
Ion Ratio Lower Upper
105 100
120 46.2 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 4.670 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion:105 Resp: 91826
Ion Ratio Lower Upper
105 100
120 42.3 34.2 51.4

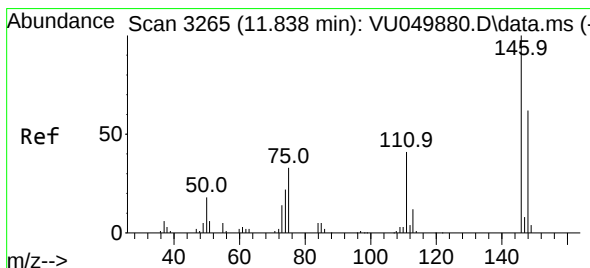
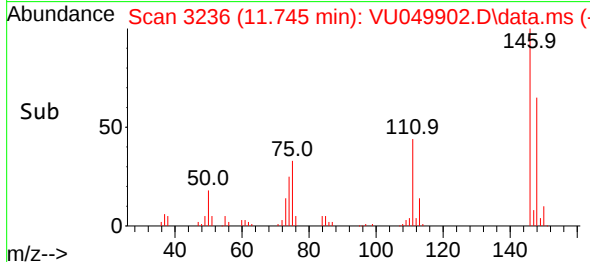
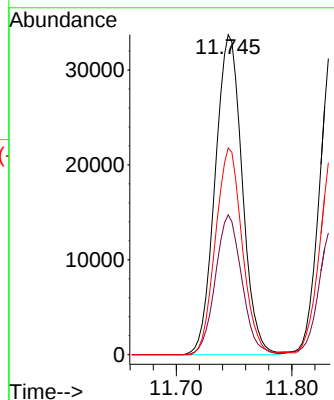
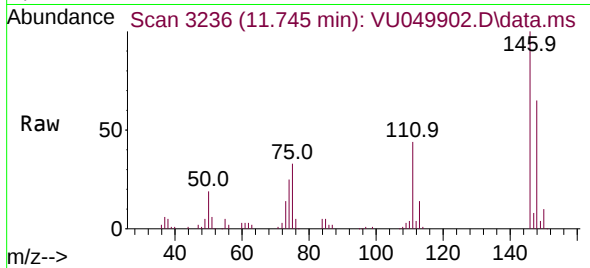




#64
1,3-Dichlorobenzene
Concen: 4.633 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

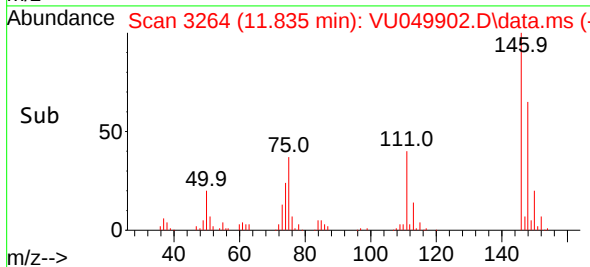
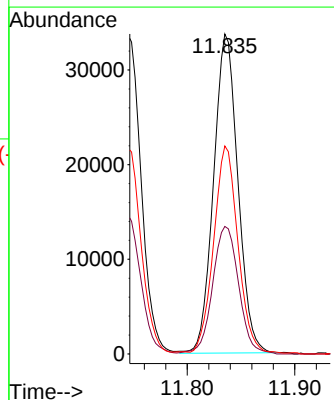
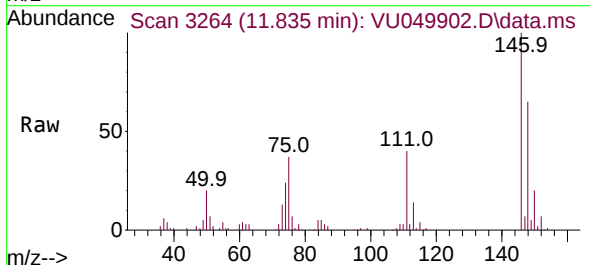
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

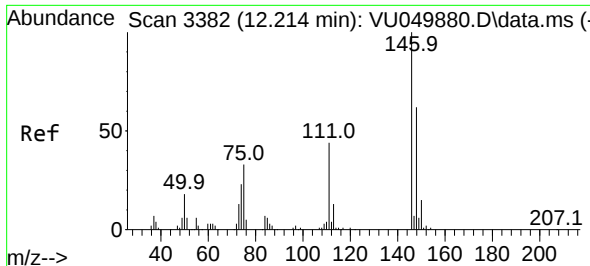
Tgt Ion:146 Resp: 54922
Ion Ratio Lower Upper
146 100
111 43.7 30.0 55.8
148 64.6 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.514 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion:146 Resp: 52937
Ion Ratio Lower Upper
146 100
111 39.8 29.5 54.7
148 65.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 4.920 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MS

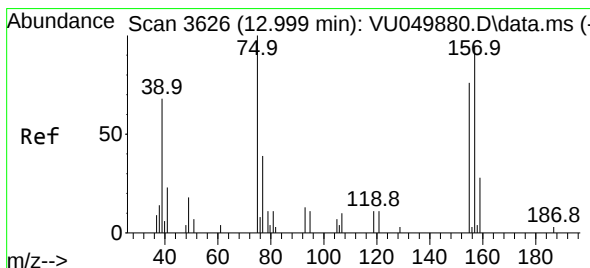
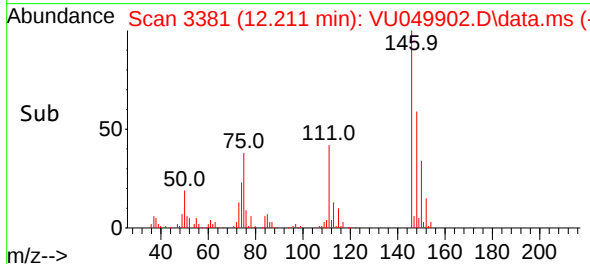
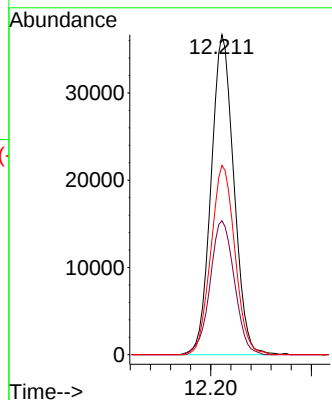
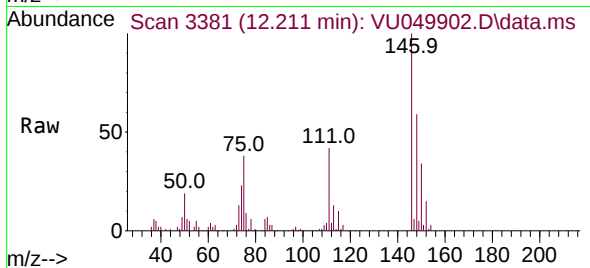
Tgt Ion:146 Resp: 57614

Ion Ratio Lower Upper

146 100

111 41.9 35.8 53.8

148 59.1 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.690 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049902.D

Acq: 26 Jul 2022 06:20

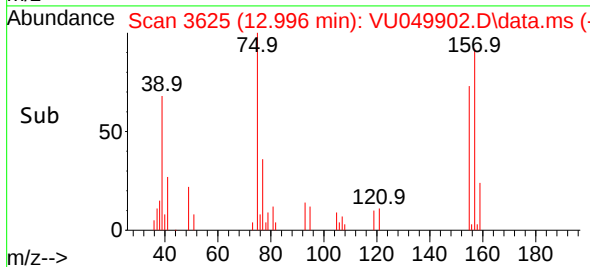
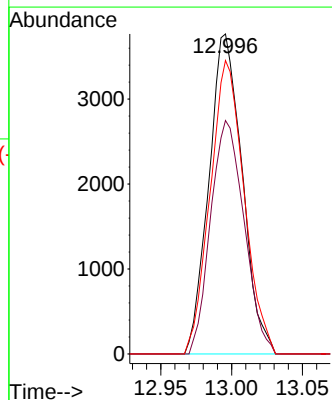
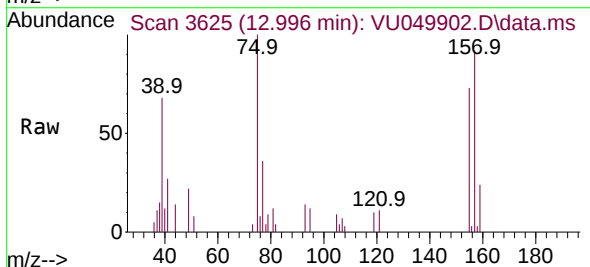
Tgt Ion: 75 Resp: 6146

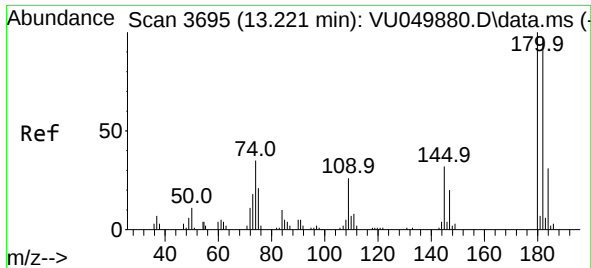
Ion Ratio Lower Upper

75 100

155 73.0 60.4 90.6

157 91.7 70.0 105.0

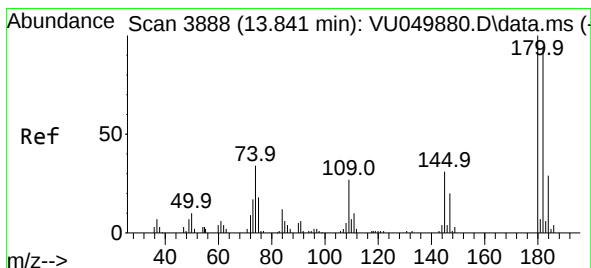
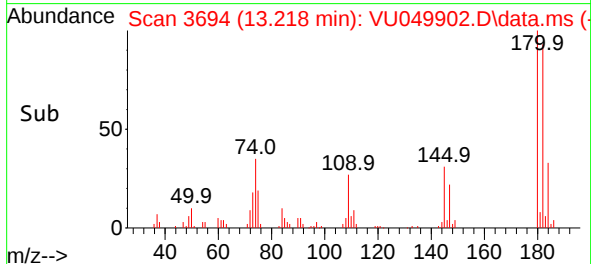
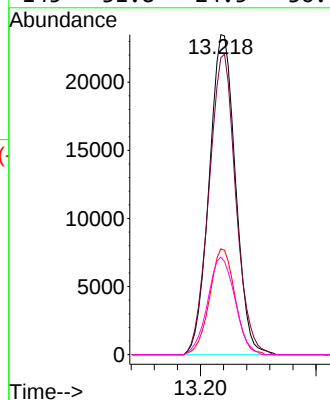
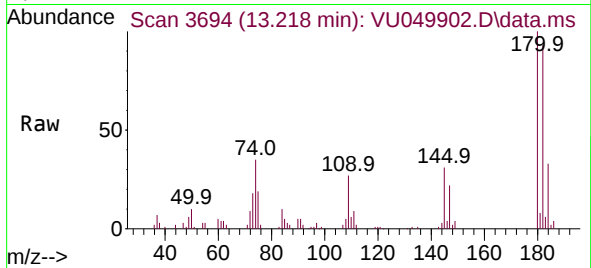




#69
1,3,5-Trichlorobenzene
Concen: 4.225 ug/L
RT: 13.218 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

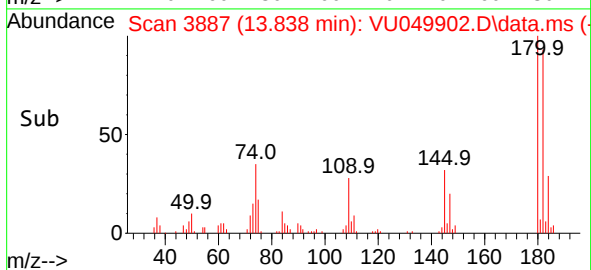
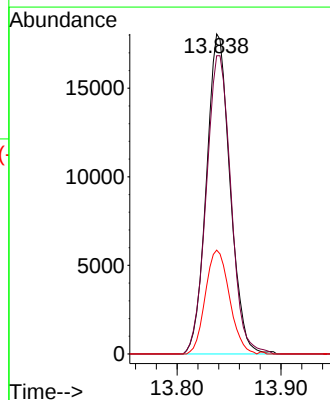
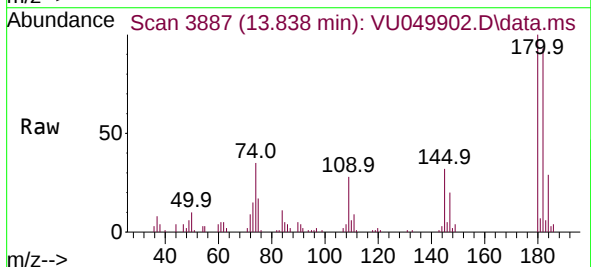
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

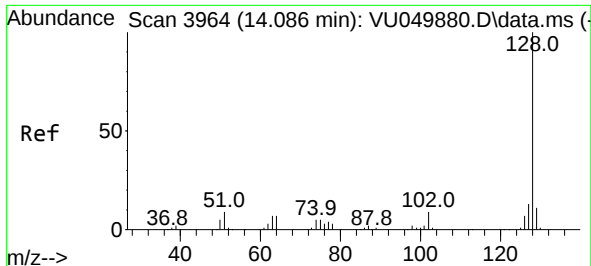
Tgt Ion:180	Resp:	36972
Ion Ratio	Lower	Upper
180	100	
182	95.9	77.2 115.8
184	32.2	25.3 37.9
145	31.8	24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 3.885 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion:180	Resp:	28543
Ion Ratio	Lower	Upper
180	100	
182	97.0	77.0 115.4
145	33.0	26.1 39.1

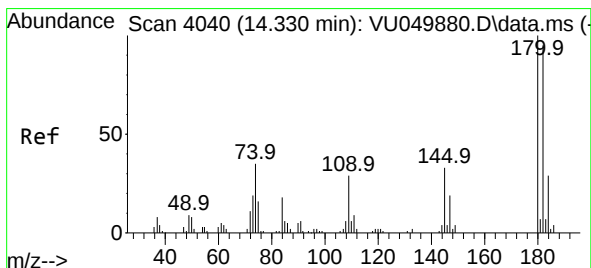
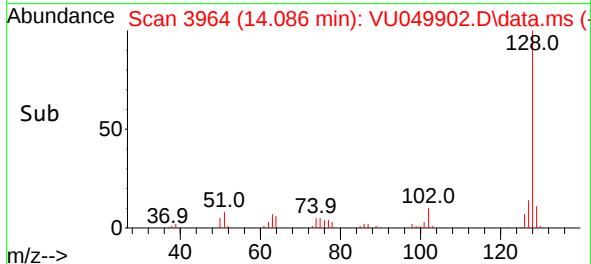
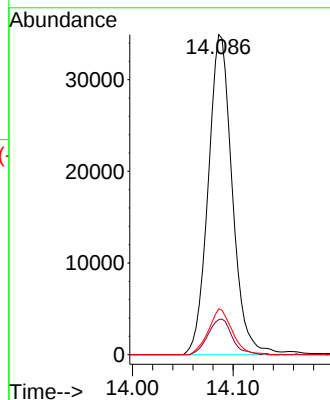
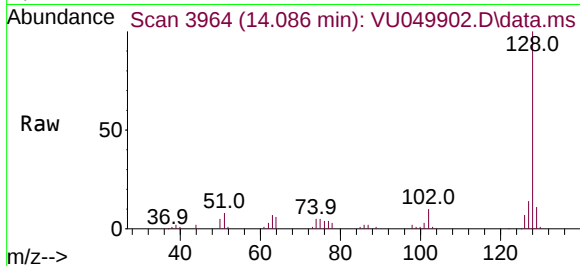




#71
Naphthalene
Concen: 4.044 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MS

Tgt Ion:	128	Resp:	57924
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.2	12.4
127	14.1	11.1	16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.144 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049902.D
Acq: 26 Jul 2022 06:20

Tgt Ion:	180	Resp:	29265
Ion	Ratio	Lower	Upper
180	100		
182	98.6	73.9	110.9
145	32.0	27.8	41.6

