

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049052.D
 Acq On : 11 Jun 2022 14:06
 Operator : SY/MD
 Sample : VSTD02030
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:07:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:05:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	168163	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	159150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	146744	14.254	ug/L	0.00
7) Chloroethane-d5	1.912	69	164790	17.054	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	77535	15.680	ug/L	0.00
20) 2-Butanone-d5	4.632	46	935061	280.877	ug/L	0.00
24) Chloroform-d	5.063	84	505137	20.943	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	286516	21.654	ug/L	0.00
32) Benzene-d6	5.729	84	926370	20.258	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	317956	21.922	ug/L	0.00
41) Toluene-d8	7.899	98	794174	18.922	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	115853	19.838	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	752543	244.107	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	292036	20.483	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	333132	18.296	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	346805	28.323	ug/L	99
3) Chloromethane	1.520	50	306296	26.818	ug/L	100
5) Vinyl chloride	1.604	62	282917	24.756	ug/L	96
6) Bromomethane	1.858	94	166393	28.971	ug/L	93
8) Chloroethane	1.932	64	149369	22.399	ug/L	99
9) Trichlorofluoromethane	2.134	101	369806	24.535	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	199951	22.024	ug/L	100
12) 1,1-Dichloroethene	2.578	96	198957	22.722	ug/L	96
13) Acetone	2.649	43	440985	310.059	ug/L	99
14) Carbon disulfide	2.790	76	683223	24.901	ug/L	99
15) Methyl Acetate	2.957	43	108756	28.906	ug/L	99
16) Methylene chloride	3.044	84	232468	18.420	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	596147	26.325	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	224145	23.584	ug/L	100
19) 1,1-Dichloroethane	3.870	63	428070	25.204	ug/L	99
21) 2-Butanone	4.713	43	789100	306.253	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	257094	24.515	ug/L	97
23) Bromochloromethane	4.977	128	120677	23.300	ug/L	97
25) Chloroform	5.089	83	455021	24.659	ug/L	100
27) 1,2-Dichloroethane	5.793	62	311302	26.056	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	410704	26.800	ug/L	100
30) Cyclohexane	5.388	56	370288	28.011	ug/L	98
31) Carbon tetrachloride	5.526	117	358893	26.669	ug/L	99
33) Benzene	5.774	78	978683	25.737	ug/L	100
34) Trichloroethene	6.542	95	255487	25.487	ug/L	98
35) Methylcyclohexane	6.764	83	399351	27.315	ug/L	99
37) 1,2-Dichloropropane	6.790	63	254832	25.909	ug/L	98
38) Bromodichloromethane	7.105	83	340502	25.426	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	393995	26.464	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	1868614	278.142	ug/L	99
42) Toluene	7.970	91	1033284	25.198	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	350006	26.327	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049052.D
 Acq On : 11 Jun 2022 14:06
 Operator : SY/MD
 Sample : VSTD02030
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:07:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:05:20 2022
 Response via : Initial Calibration

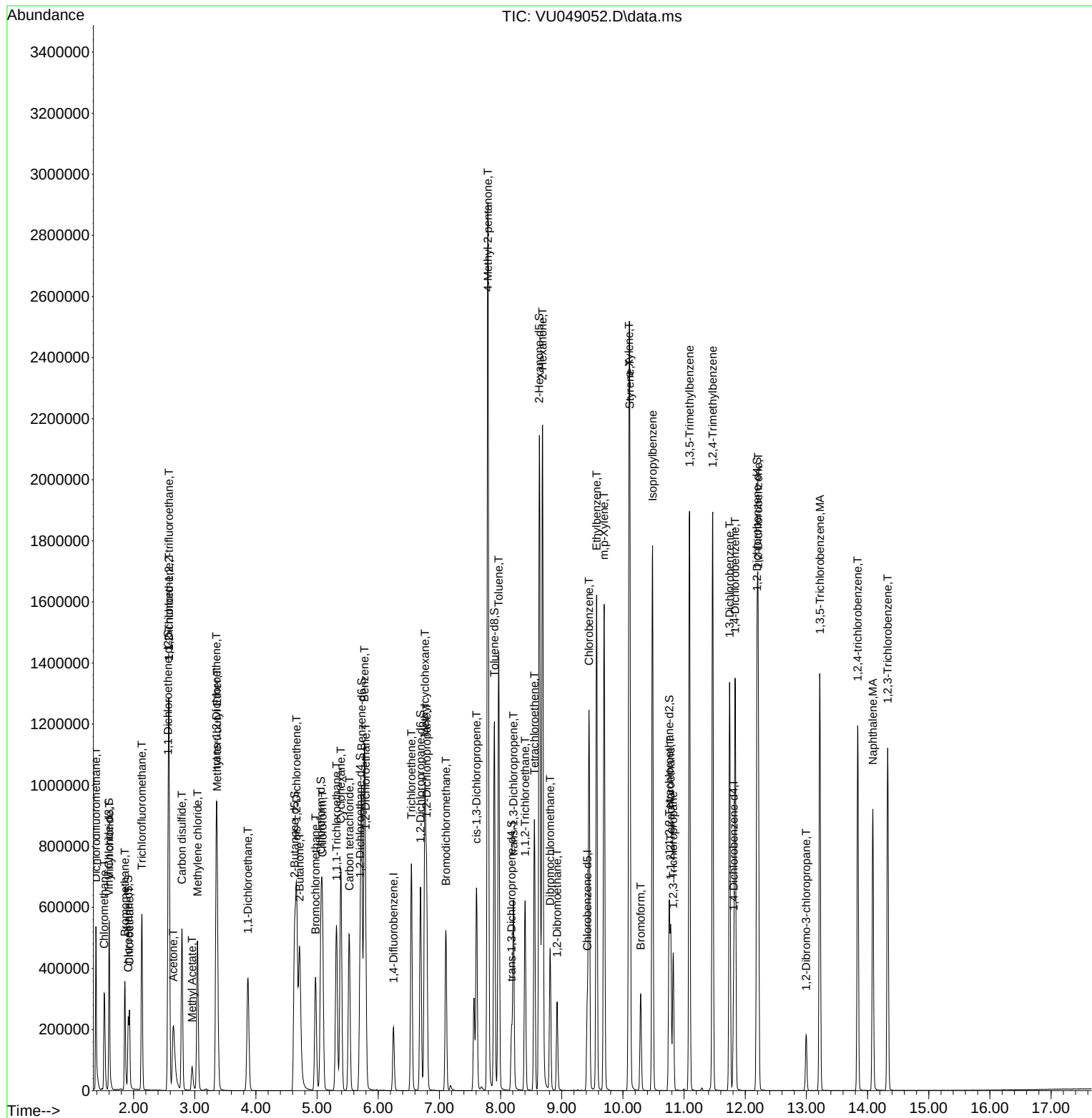
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	191574	23.809	ug/L	99
47) Tetrachloroethene	8.552	164	197531	23.581	ug/L	97
48) 2-Hexanone	8.687	43	1379102	270.991	ug/L	99
49) Dibromochloromethane	8.812	129	239102	23.988	ug/L	100
50) 1,2-Dibromoethane	8.925	107	187052	23.505	ug/L	99
51) Chlorobenzene	9.446	112	671275	24.253	ug/L	99
52) Ethylbenzene	9.571	91	1123457	26.070	ug/L	99
53) m,p-Xylene	9.693	106	456199	26.912	ug/L	99
54) o-Xylene	10.099	106	446184	26.906	ug/L	96
55) Styrene	10.115	104	763756	26.848	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	251556	23.387	ug/L	99
59) Bromoform	10.291	173	144422	22.558	ug/L	99
60) Isopropylbenzene	10.484	105	1150981	26.555	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	187326	23.712	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	1010553	33.787	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	1027841	28.462	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	540477	23.163	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	537009	22.758	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	526283	22.800	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	48000	25.661	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	422802	21.877	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	367355	22.113	ug/L	99
71) Naphthalene	14.085	128	721265	23.740	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	346614	21.649	ug/L	97

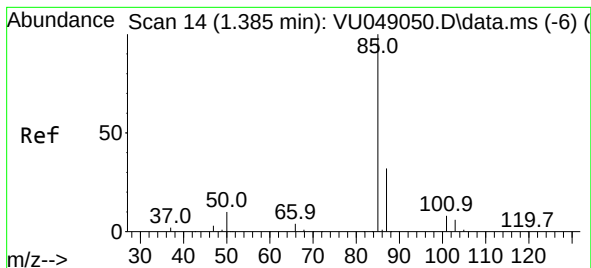
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
Data File : VU049052.D
Acq On : 11 Jun 2022 14:06
Operator : SY/MD
Sample : VSTD02030
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 13 01:07:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 13 01:05:20 2022
Response via : Initial Calibration

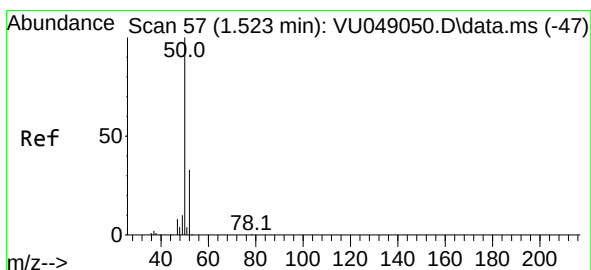
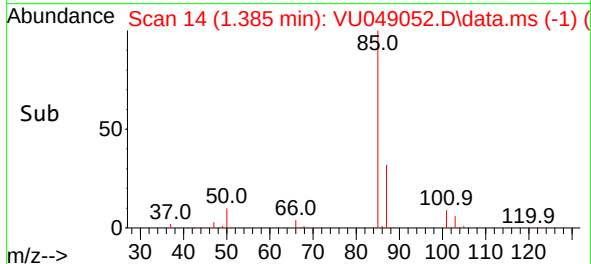
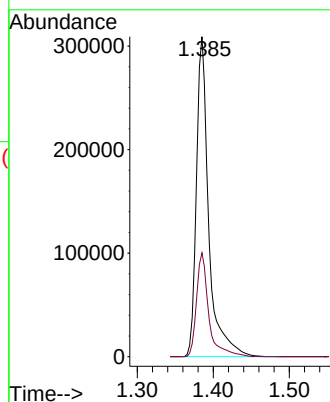
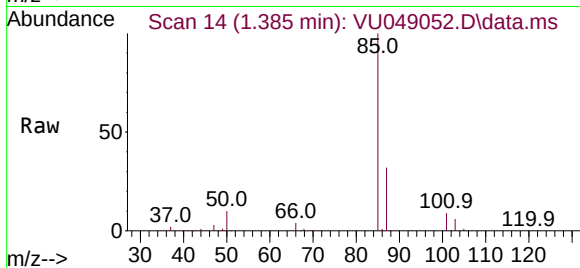




#2
Dichlorodifluoromethane
Concen: 28.323 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

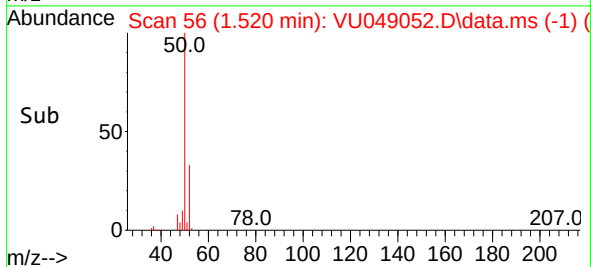
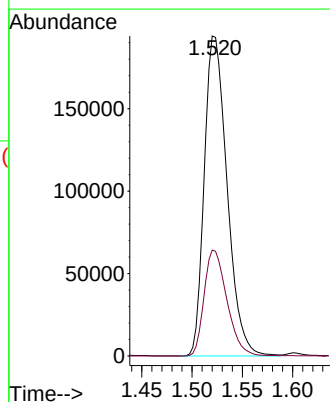
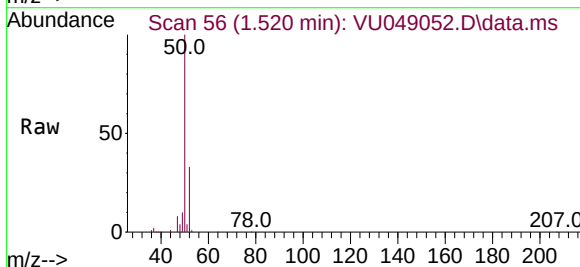
Instrument :
MSVOA_U
ClientSampleId :

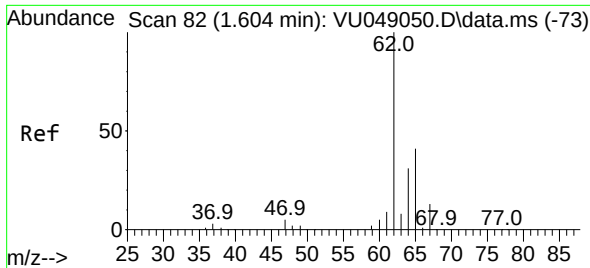
Tgt Ion: 85 Resp: 346805
Ion Ratio Lower Upper
85 100
87 32.4 25.4 38.0



#3
Chloromethane
Concen: 26.818 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

Tgt Ion: 50 Resp: 306296
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.0

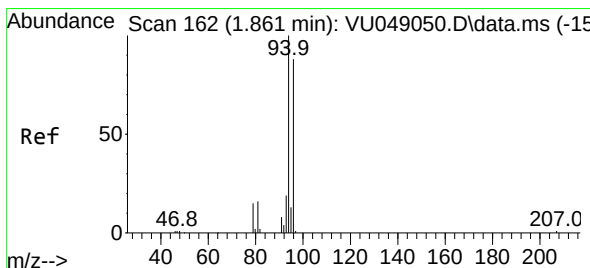
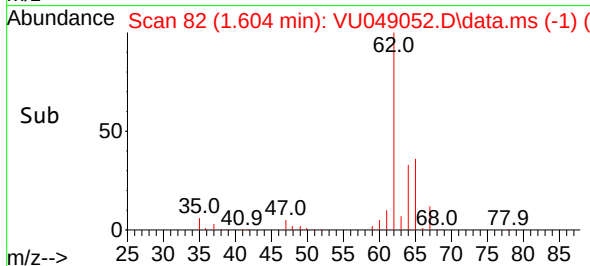
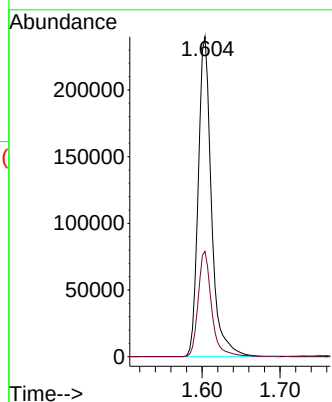
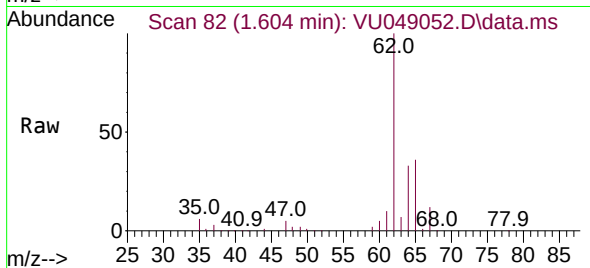




#5
 Vinyl chloride
 Concen: 24.756 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049052.D
 Acq: 11 Jun 2022 14:06

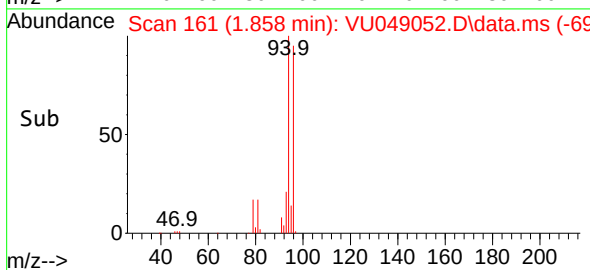
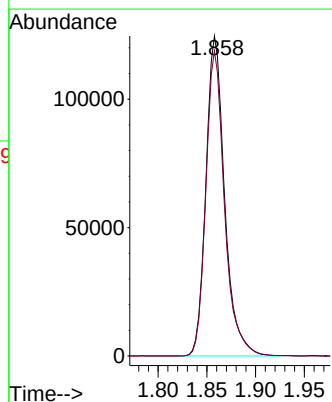
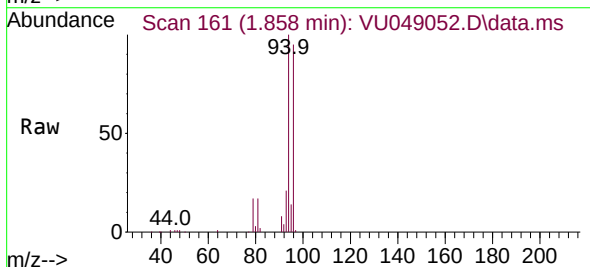
Instrument :
 MSVOA_U
 ClientSampleId :

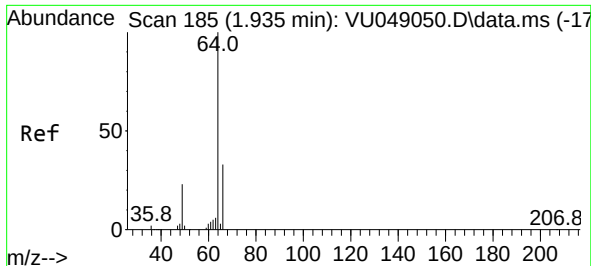
Tgt Ion: 62 Resp: 282917
 Ion Ratio Lower Upper
 62 100
 64 32.9 21.5 39.9



#6
 Bromomethane
 Concen: 28.971 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU049052.D
 Acq: 11 Jun 2022 14:06

Tgt Ion: 94 Resp: 166393
 Ion Ratio Lower Upper
 94 100
 96 95.3 61.9 114.9

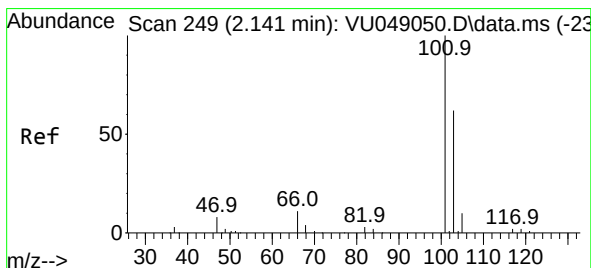
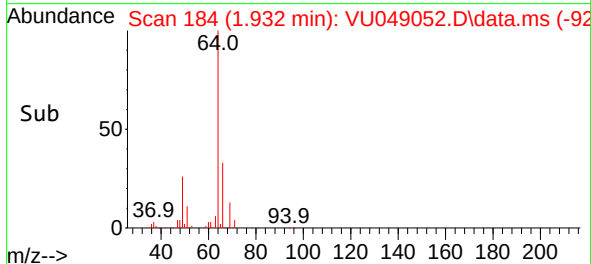
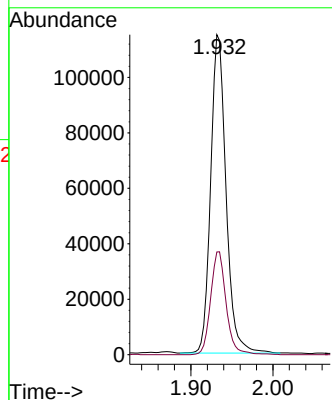
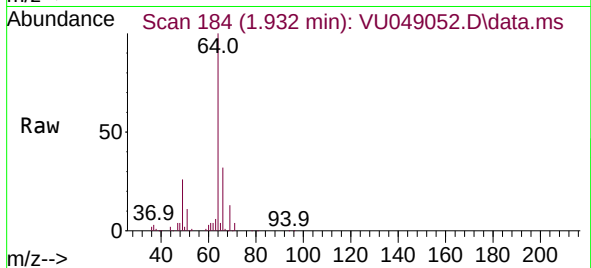




#8
Chloroethane
Concen: 22.399 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

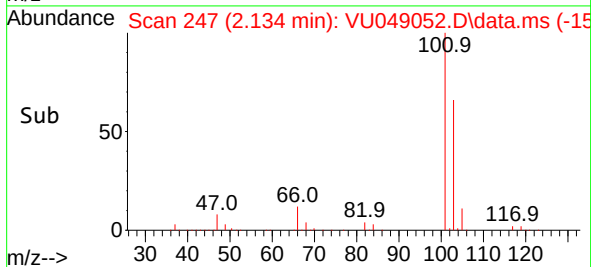
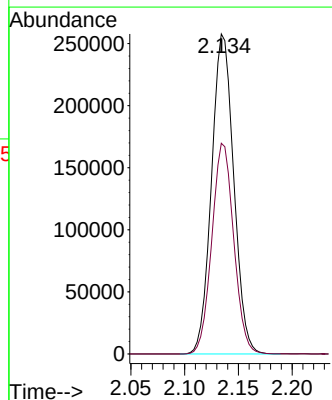
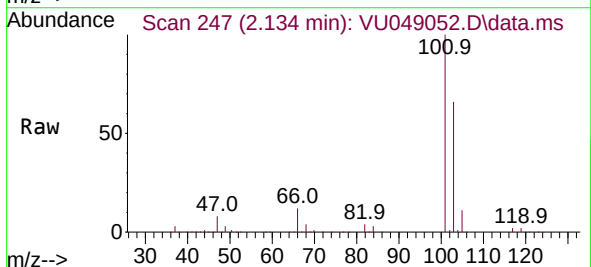
Instrument :
MSVOA_U
ClientSampleId :

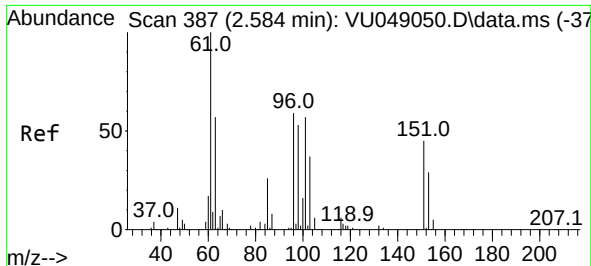
Tgt Ion: 64 Resp: 149369
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 24.535 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.006 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

Tgt Ion:101 Resp: 369806
Ion Ratio Lower Upper
101 100
103 65.0 50.5 75.7

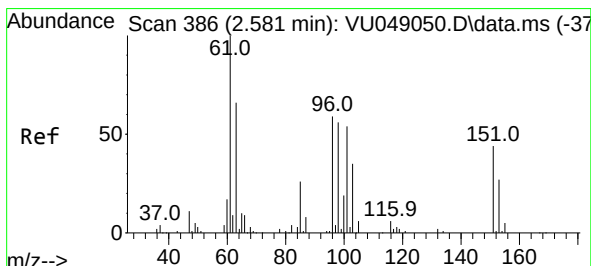
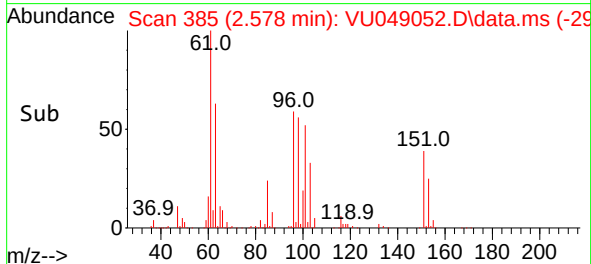
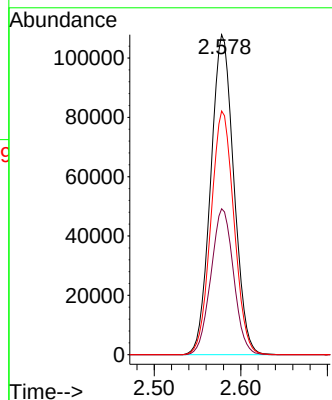
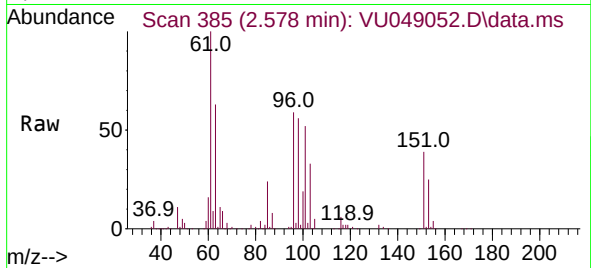




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.024 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: VU049052.D
 Acq: 11 Jun 2022 14:06

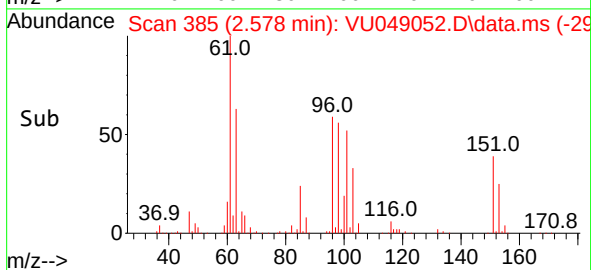
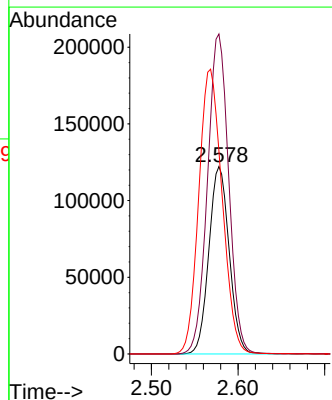
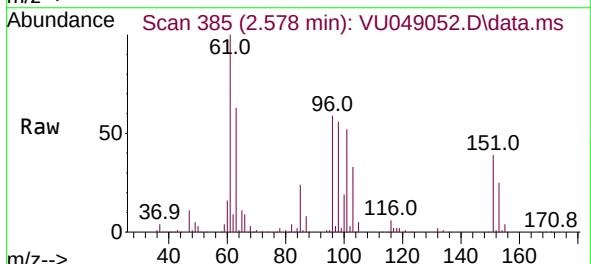
Instrument :
 MSVOA_U
 ClientSampleId :

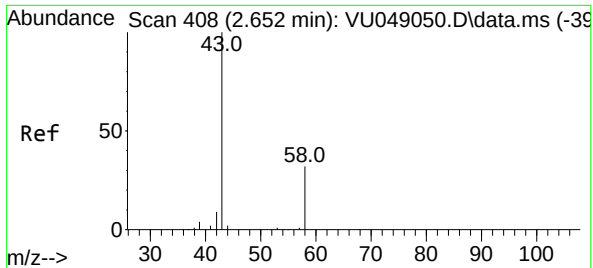
Tgt Ion:101 Resp: 199951
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.0 54.0
 151 76.0 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 22.722 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049052.D
 Acq: 11 Jun 2022 14:06

Tgt Ion: 96 Resp: 198957
 Ion Ratio Lower Upper
 96 100
 61 170.8 118.9 220.7
 63 108.4 81.8 151.8





#13

Acetone

Concen: 310.059 ug/L

RT: 2.649 min Scan# 40

Delta R.T. -0.003 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

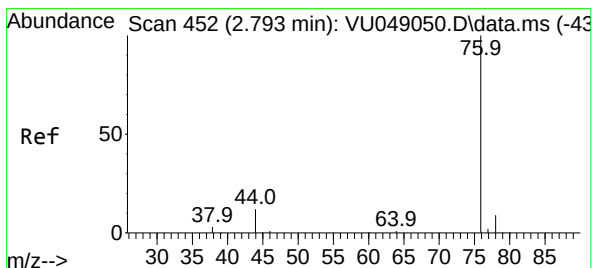
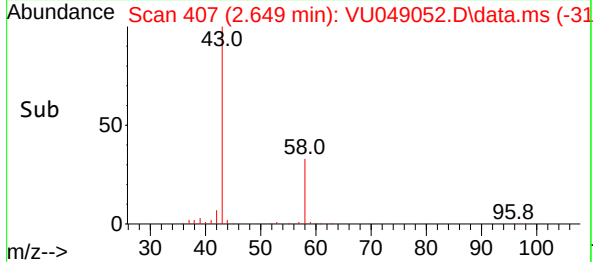
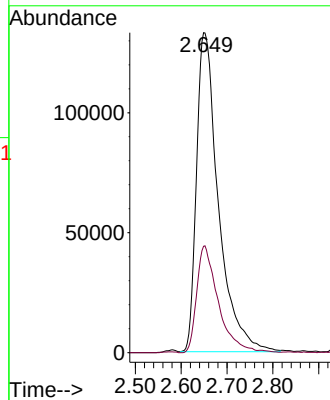
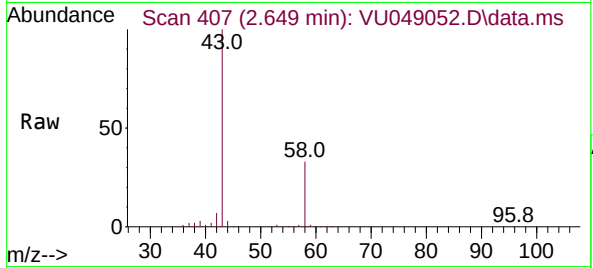
ClientSampleId :

Tgt Ion: 43 Resp: 440985

Ion Ratio Lower Upper

43 100

58 32.7 0.0 67.0



#14

Carbon disulfide

Concen: 24.901 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU049052.D

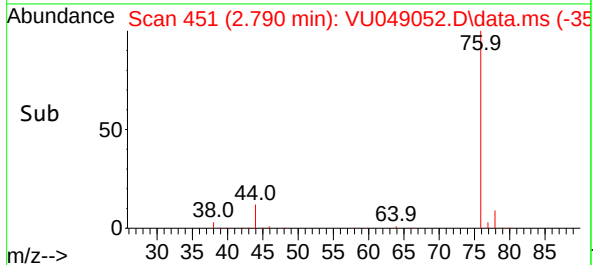
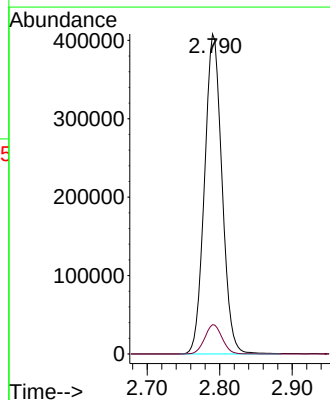
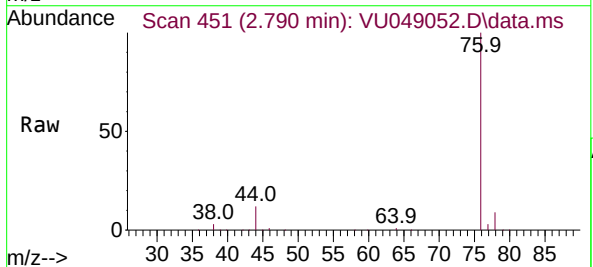
Acq: 11 Jun 2022 14:06

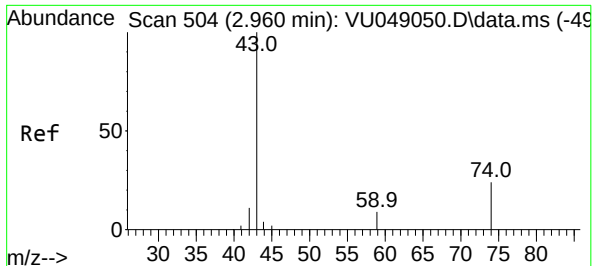
Tgt Ion: 76 Resp: 683223

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

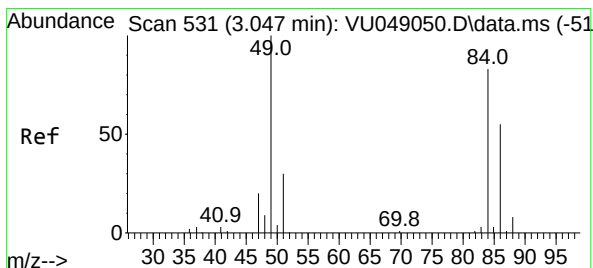
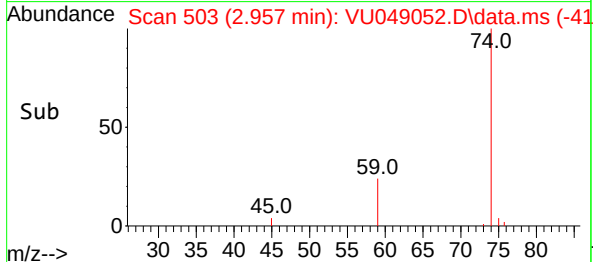
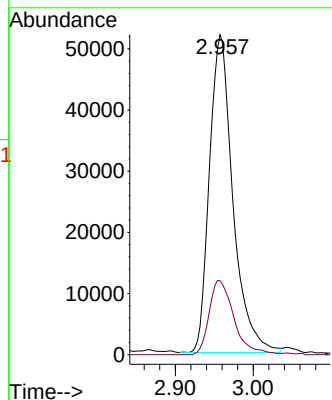
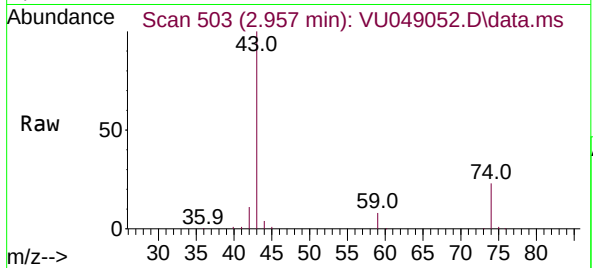




#15
Methyl Acetate
Concen: 28.906 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

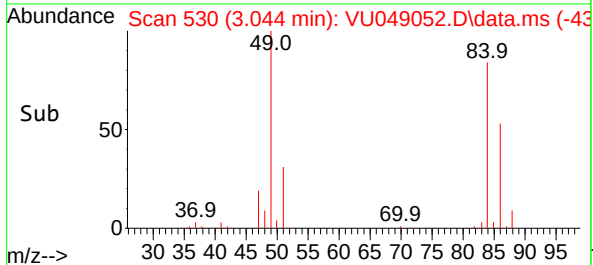
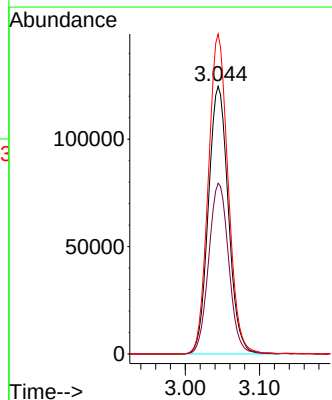
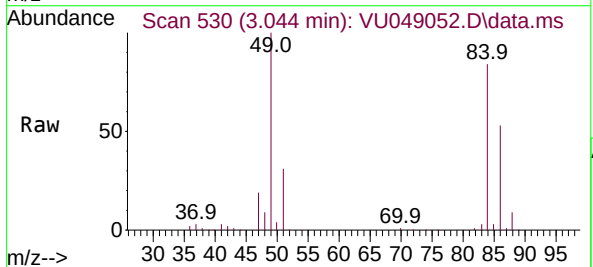
Instrument :
MSVOA_U
ClientSampleId :

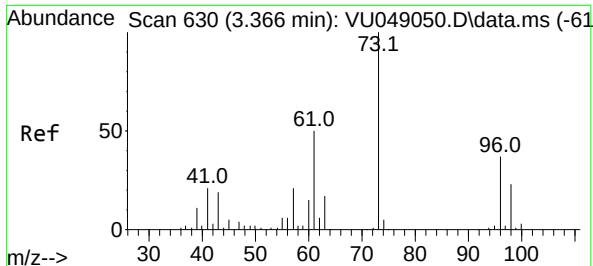
Tgt Ion: 43 Resp: 108756
Ion Ratio Lower Upper
43 100
74 24.6 19.1 28.7



#16
Methylene chloride
Concen: 18.420 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

Tgt Ion: 84 Resp: 232468
Ion Ratio Lower Upper
84 100
86 63.8 46.1 85.7
49 119.6 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 26.325 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

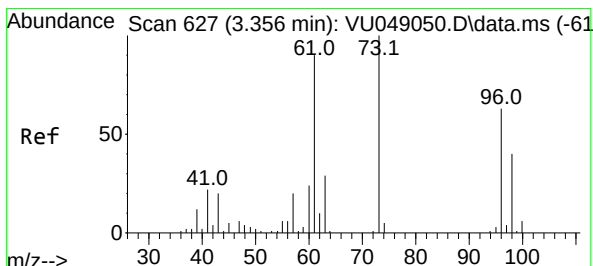
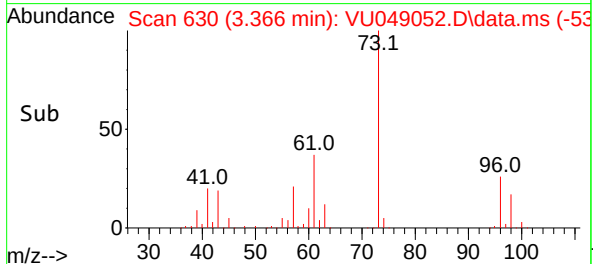
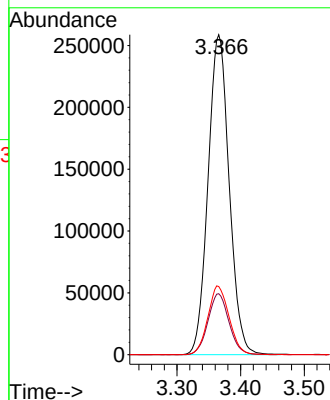
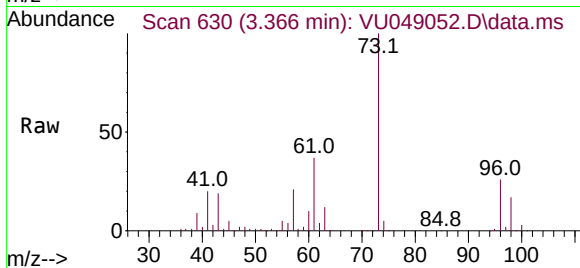
Tgt Ion: 73 Resp: 596147

Ion Ratio Lower Upper

73 100

43 19.1 15.3 22.9

57 21.6 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 23.584 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.003 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

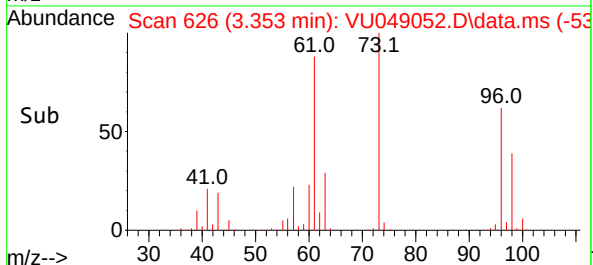
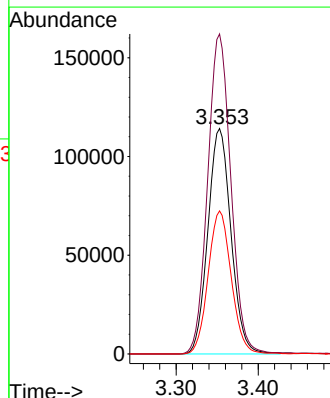
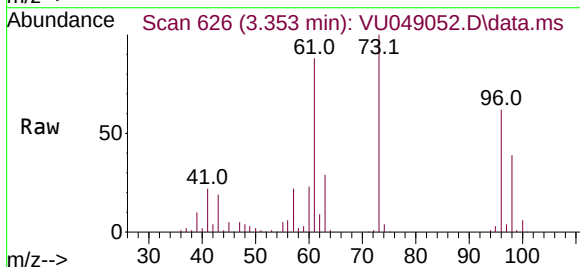
Tgt Ion: 96 Resp: 224145

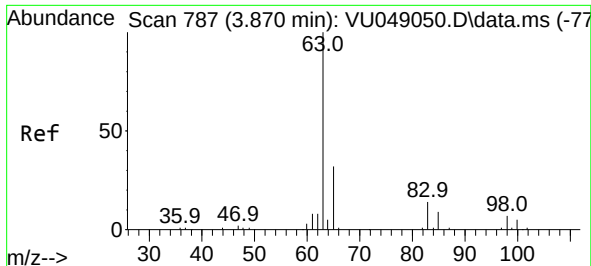
Ion Ratio Lower Upper

96 100

61 142.0 99.1 184.1

98 63.5 44.1 81.9





#19

1,1-Dichloroethane

Concen: 25.204 ug/L

RT: 3.870 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

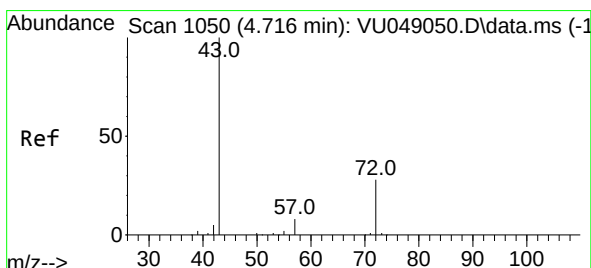
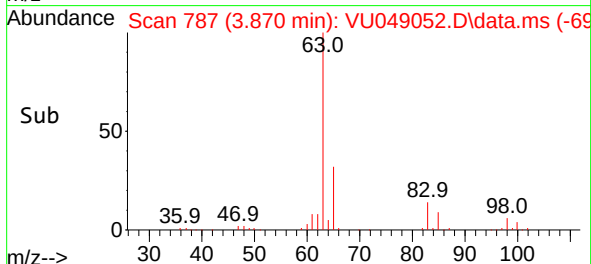
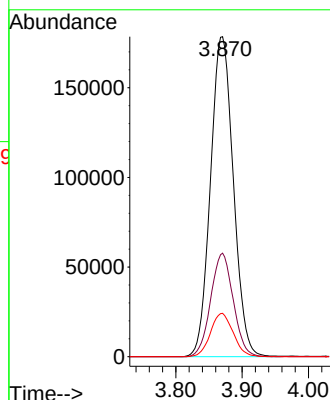
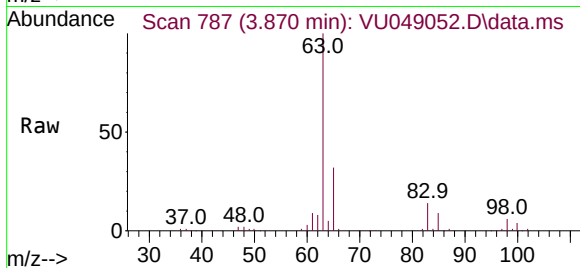
Tgt Ion: 63 Resp: 428070

Ion Ratio Lower Upper

63 100

65 32.3 22.4 41.6

83 13.5 9.7 17.9



#21

2-Butanone

Concen: 306.253 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU049052.D

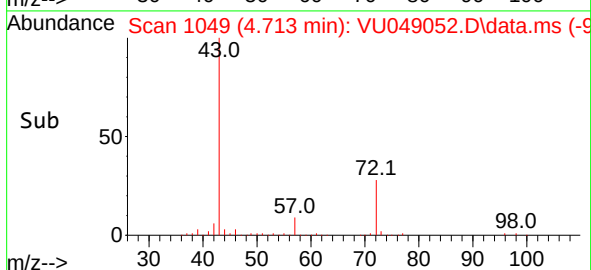
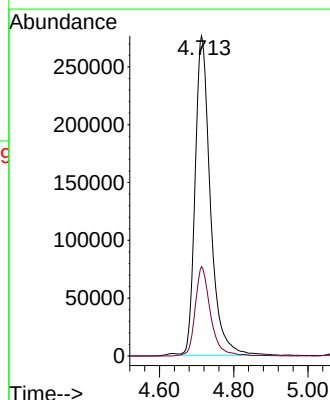
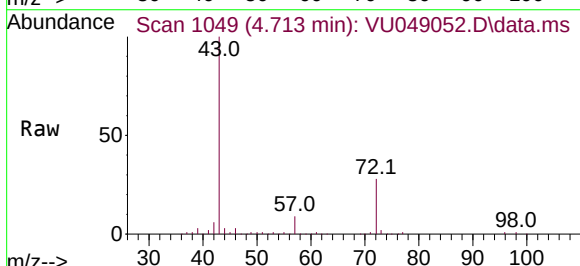
Acq: 11 Jun 2022 14:06

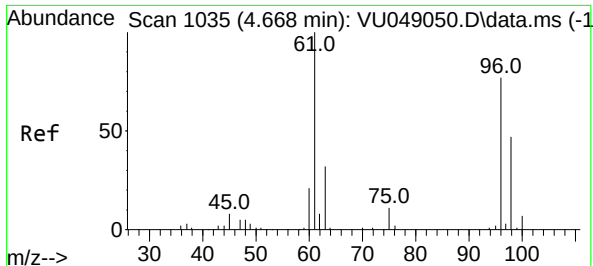
Tgt Ion: 43 Resp: 789100

Ion Ratio Lower Upper

43 100

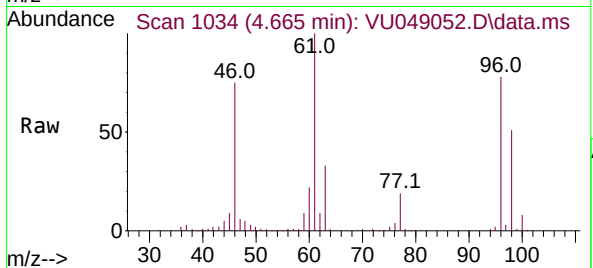
72 27.7 14.1 42.2





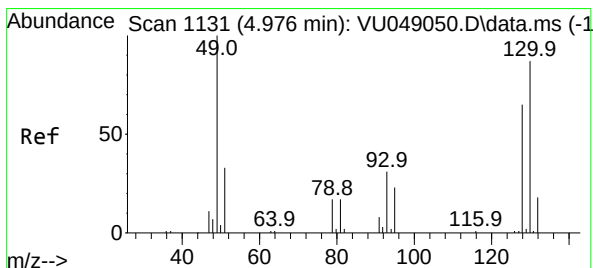
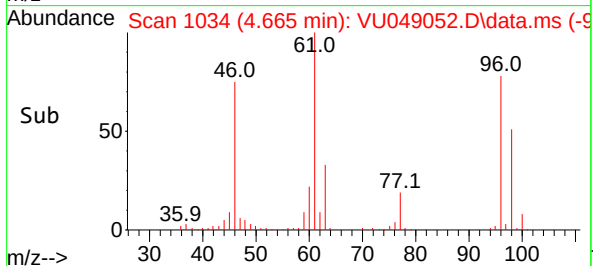
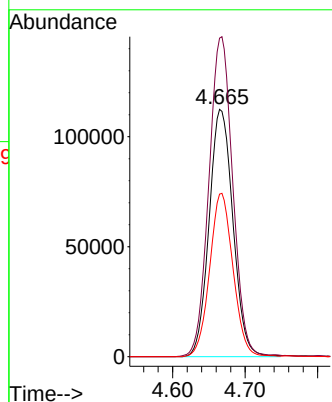
#22
 cis-1,2-Dichloroethene
 Concen: 24.515 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VU049052.D
 Acq: 11 Jun 2022 14:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 257094

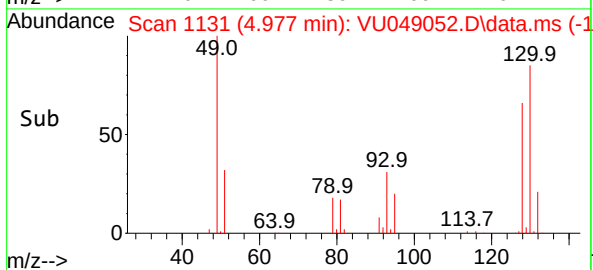
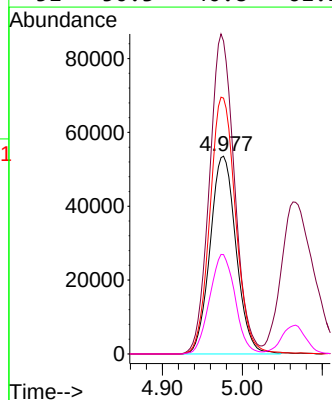
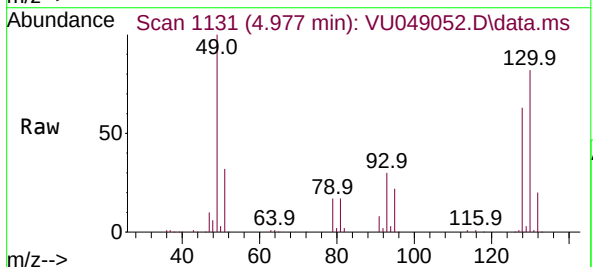
Ion	Ratio	Lower	Upper
96	100		
61	128.8	91.1	169.1
98	65.7	43.0	80.0

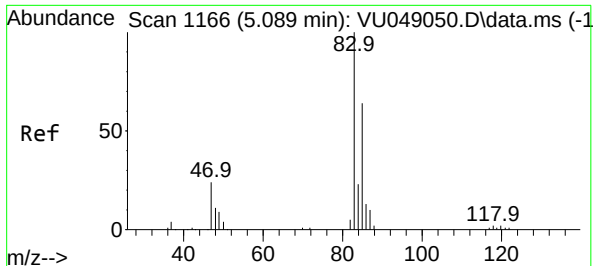


#23
 Bromochloromethane
 Concen: 23.300 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU049052.D
 Acq: 11 Jun 2022 14:06

Tgt Ion: 128 Resp: 120677

Ion	Ratio	Lower	Upper
128	100		
49	158.2	106.9	198.5
130	129.4	93.0	172.6
51	50.3	40.8	61.2





#25

Chloroform

Concen: 24.659 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

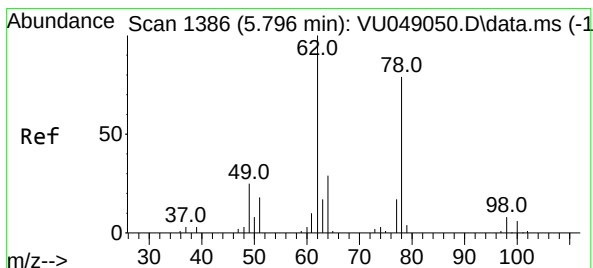
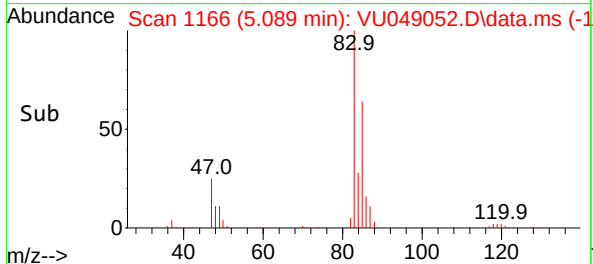
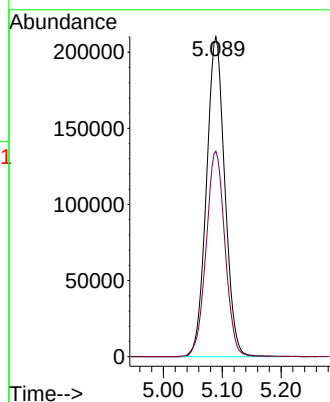
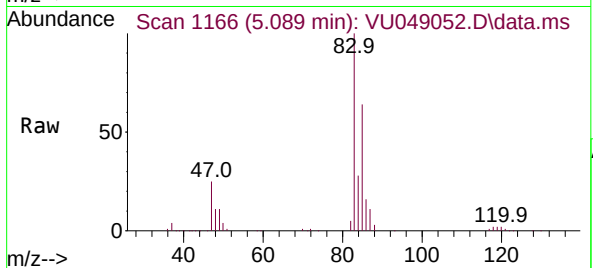
ClientSampleId :

Tgt Ion: 83 Resp: 455021

Ion Ratio Lower Upper

83 100

85 64.2 44.7 83.1



#27

1,2-Dichloroethane

Concen: 26.056 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU049052.D

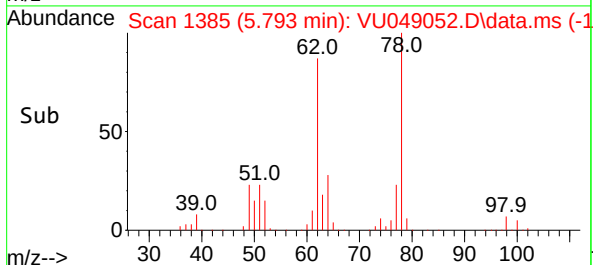
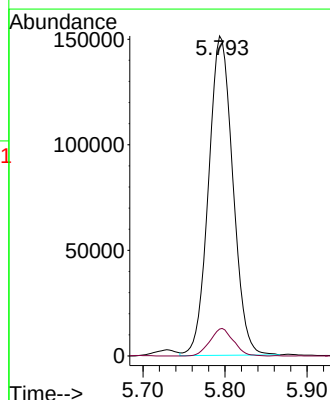
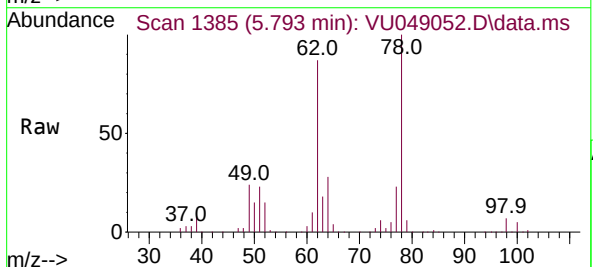
Acq: 11 Jun 2022 14:06

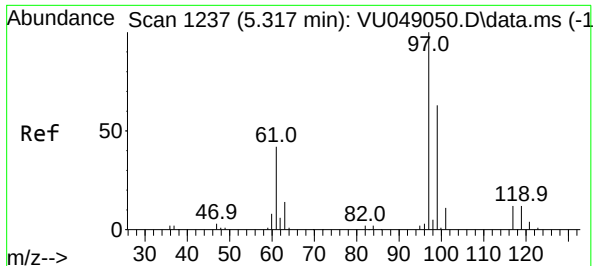
Tgt Ion: 62 Resp: 311302

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 26.800 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

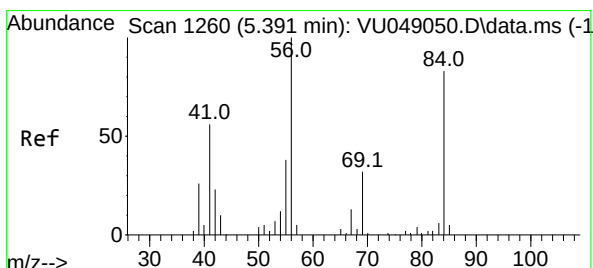
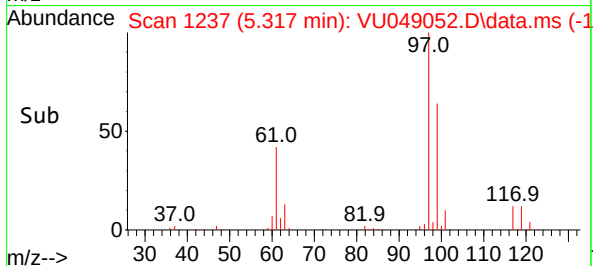
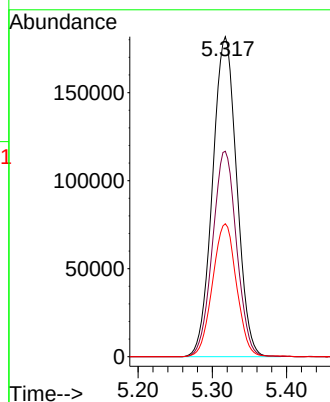
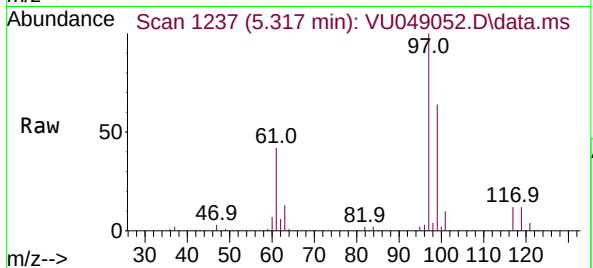
Tgt Ion: 97 Resp: 410704

Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 41.3 33.2 49.8



#30

Cyclohexane

Concen: 28.011 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

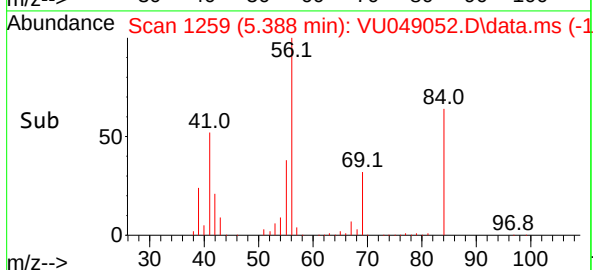
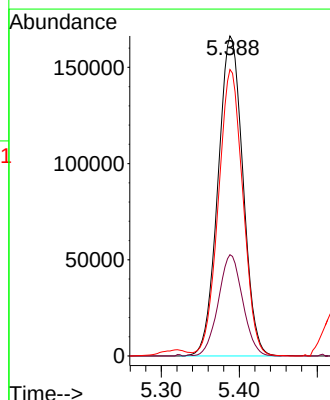
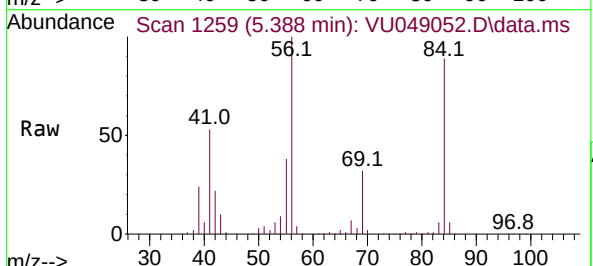
Tgt Ion: 56 Resp: 370288

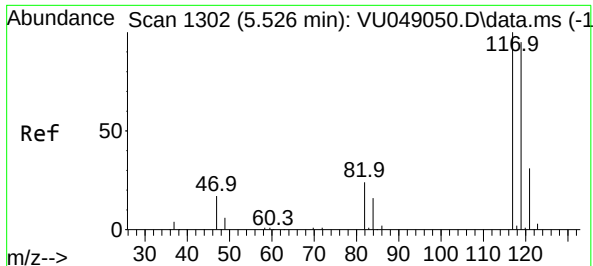
Ion Ratio Lower Upper

56 100

69 30.9 24.6 36.8

84 88.0 68.8 103.2

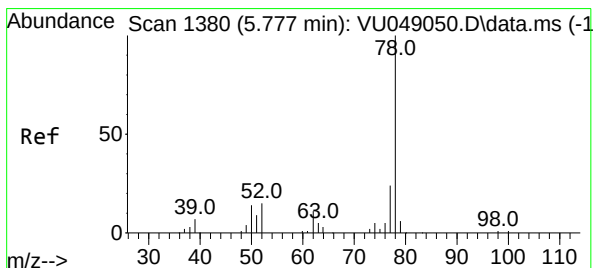
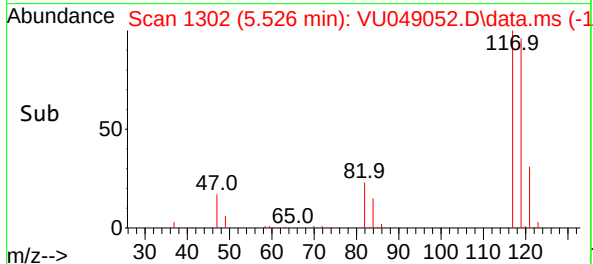
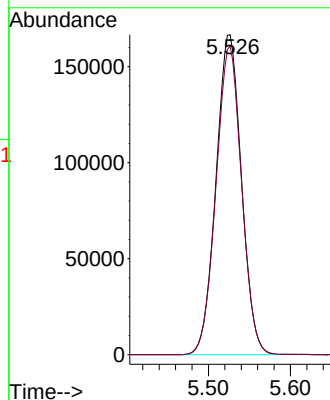
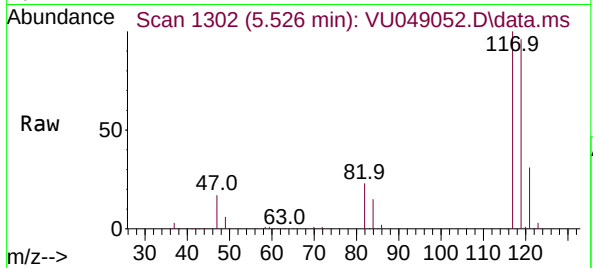




#31
Carbon tetrachloride
Concen: 26.669 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

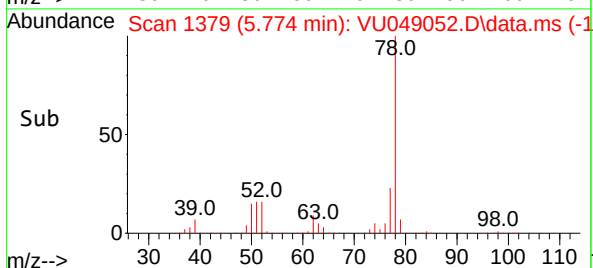
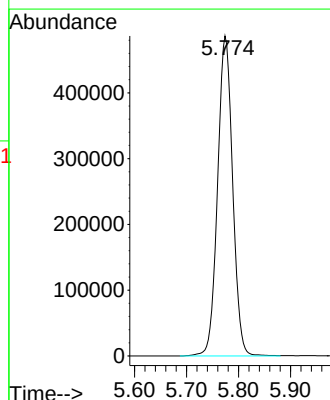
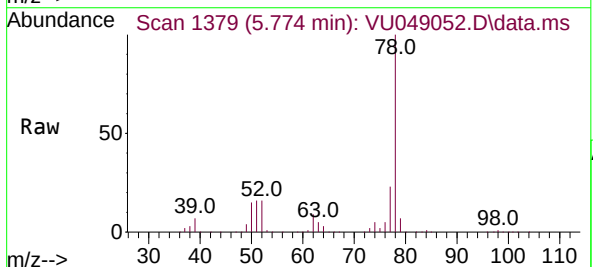
Instrument :
MSVOA_U
ClientSampleId :

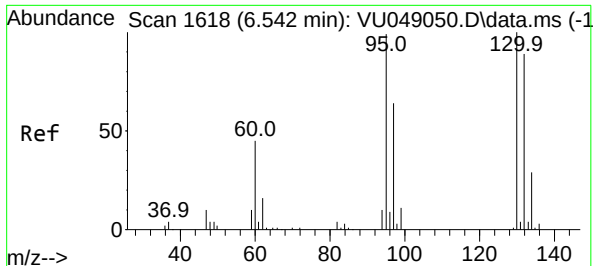
Tgt Ion:117 Resp: 358893
Ion Ratio Lower Upper
117 100
119 97.0 76.5 114.7



#33
Benzene
Concen: 25.737 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

Tgt Ion: 78 Resp: 978683

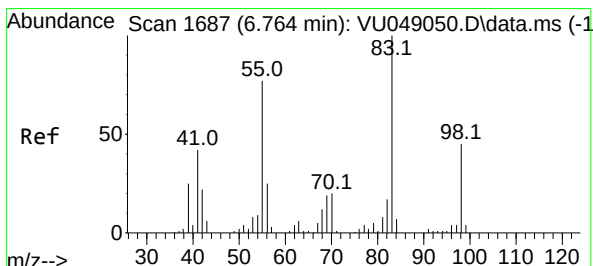
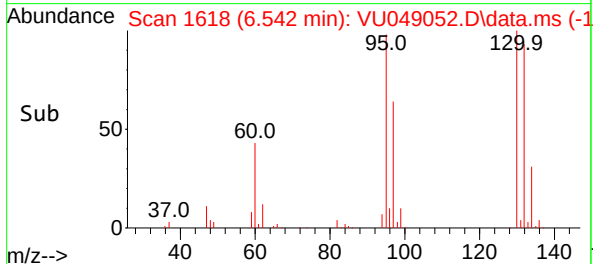
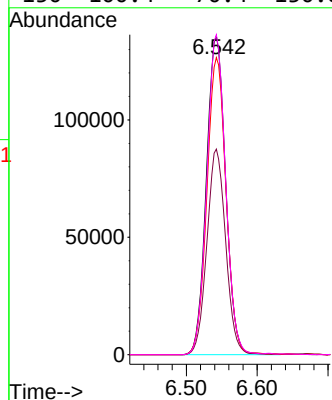
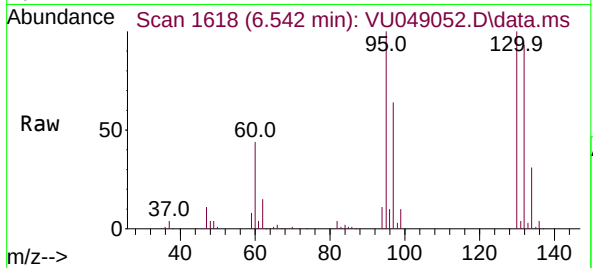




#34
Trichloroethene
Concen: 25.487 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

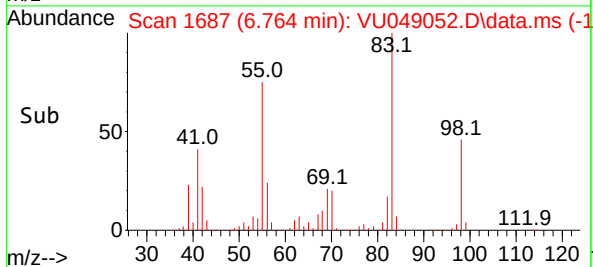
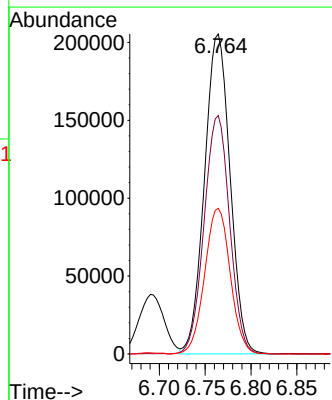
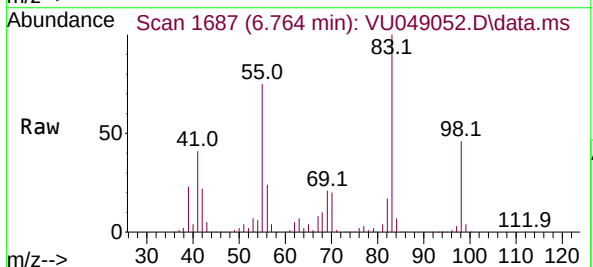
Instrument :
MSVOA_U
ClientSampleId :

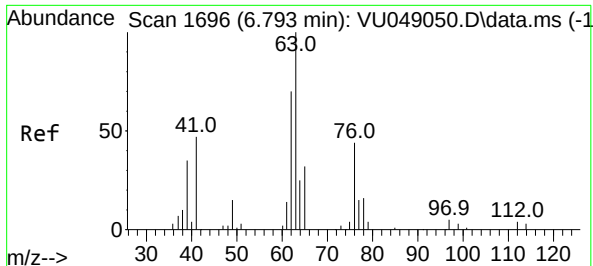
Tgt Ion: 95 Resp: 255487
Ion Ratio Lower Upper
95 100
97 64.5 44.9 83.5
132 93.2 62.8 116.6
130 100.4 70.4 130.8



#35
Methylcyclohexane
Concen: 27.315 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

Tgt Ion: 83 Resp: 399351
Ion Ratio Lower Upper
83 100
55 74.3 60.6 90.8
98 45.6 35.8 53.8





#37

1,2-Dichloropropane

Concen: 25.909 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

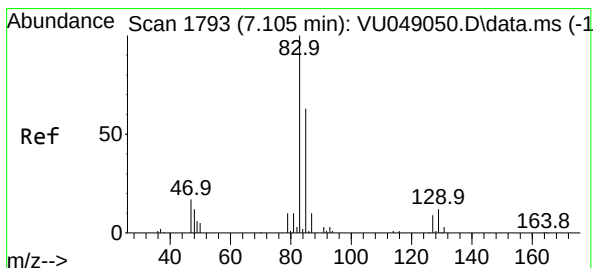
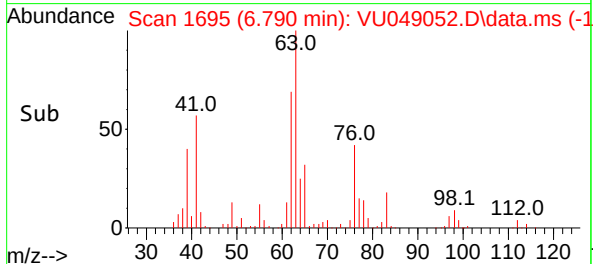
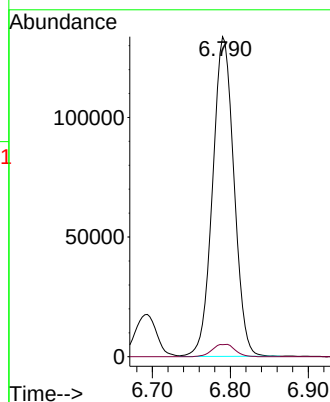
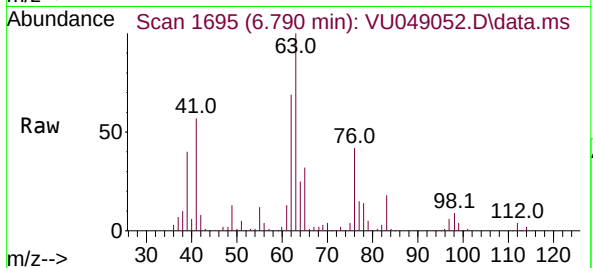
ClientSampleId :

Tgt Ion: 63 Resp: 254832

Ion Ratio Lower Upper

63 100

112 4.1 2.8 4.2



#38

Bromodichloromethane

Concen: 25.426 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

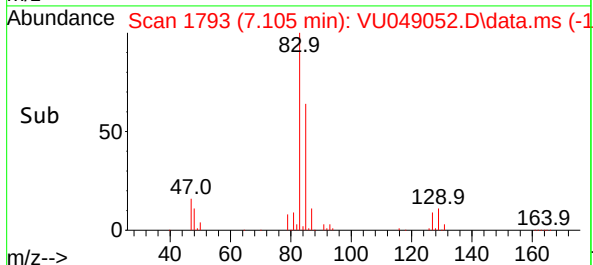
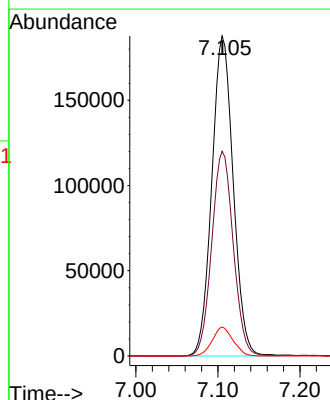
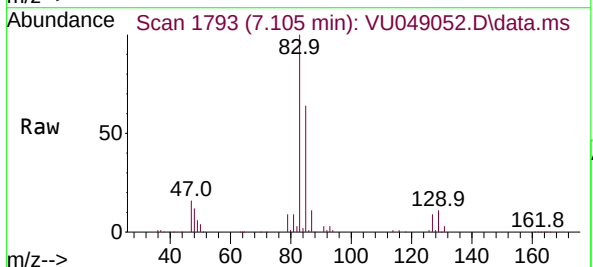
Tgt Ion: 83 Resp: 340502

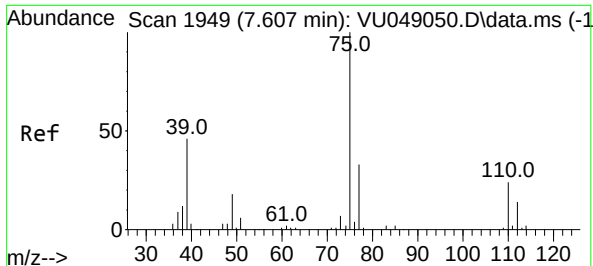
Ion Ratio Lower Upper

83 100

85 63.9 43.8 81.4

127 9.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 26.464 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

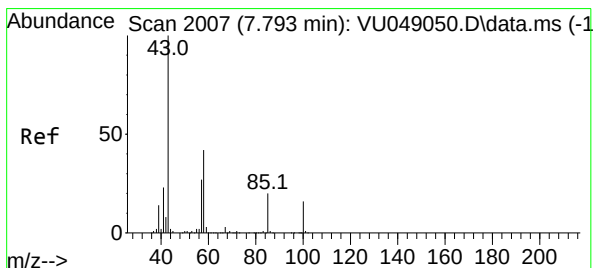
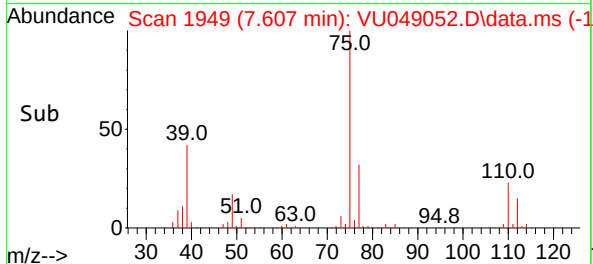
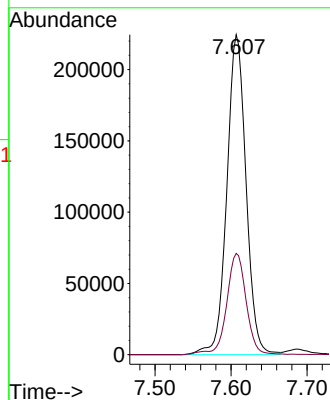
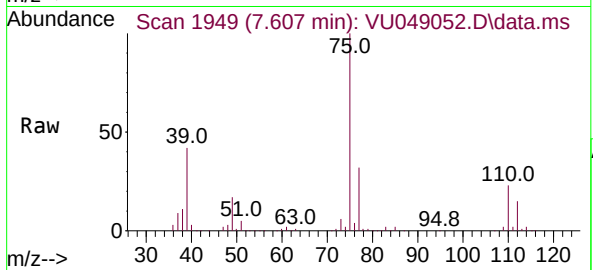
ClientSampleId :

Tgt Ion: 75 Resp: 393995

Ion Ratio Lower Upper

75 100

77 31.6 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 278.142 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

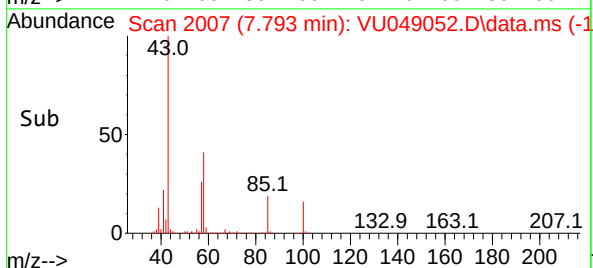
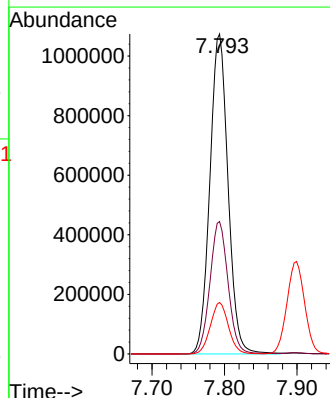
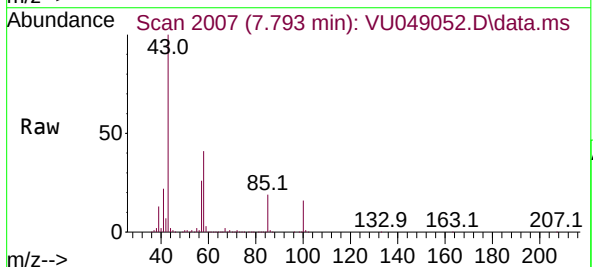
Tgt Ion: 43 Resp: 1868614

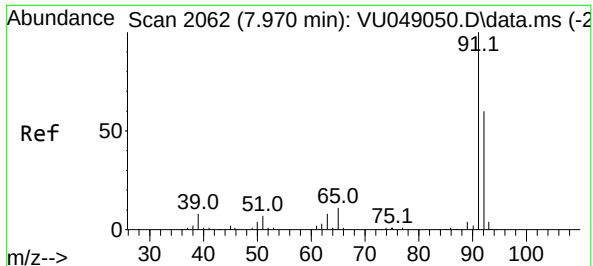
Ion Ratio Lower Upper

43 100

58 41.4 32.6 49.0

100 16.0 12.6 18.8





#42

Toluene

Concen: 25.198 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

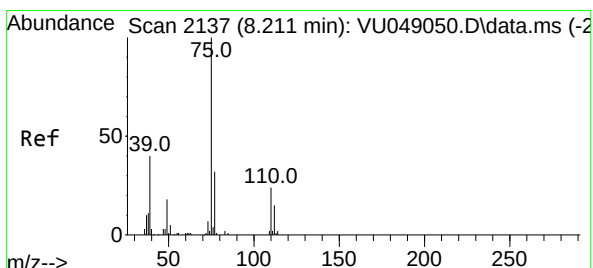
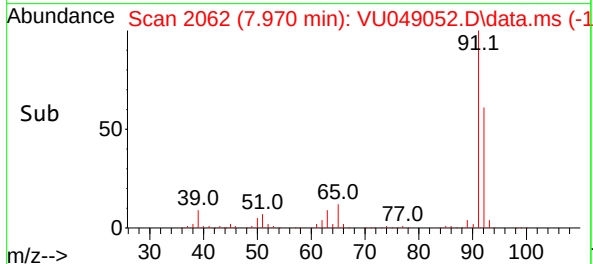
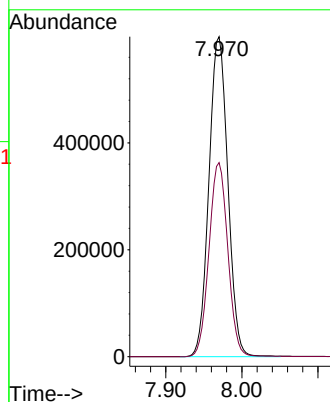
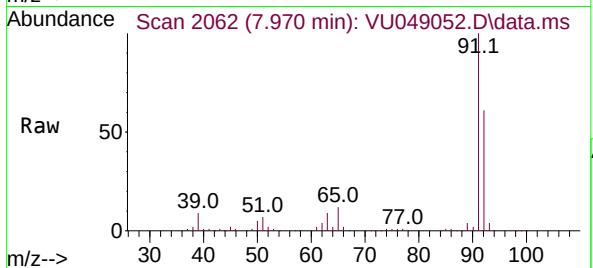
ClientSampleId :

Tgt Ion: 91 Resp: 1033284

Ion Ratio Lower Upper

91 100

92 60.7 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 26.327 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049052.D

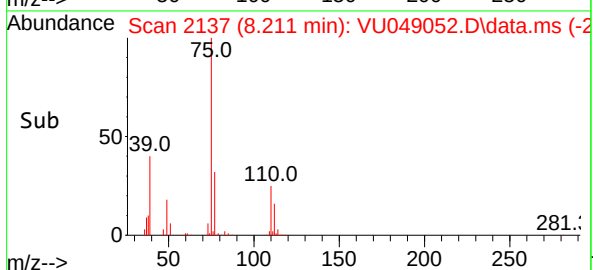
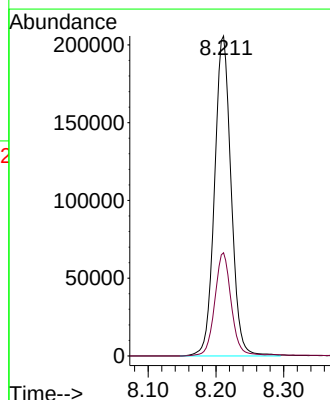
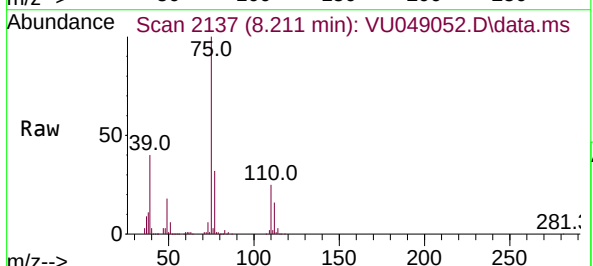
Acq: 11 Jun 2022 14:06

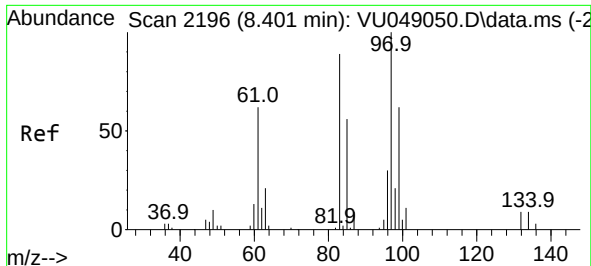
Tgt Ion: 75 Resp: 350006

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0

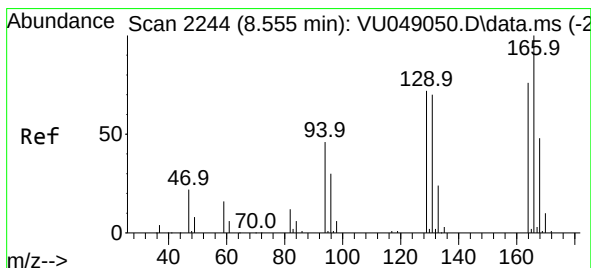
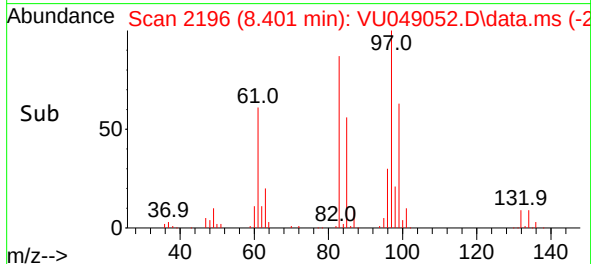
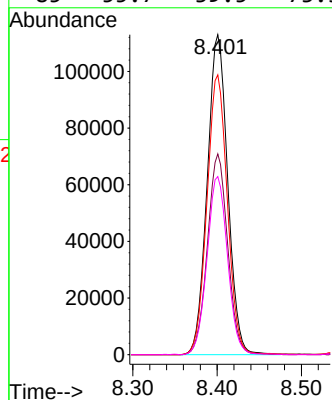
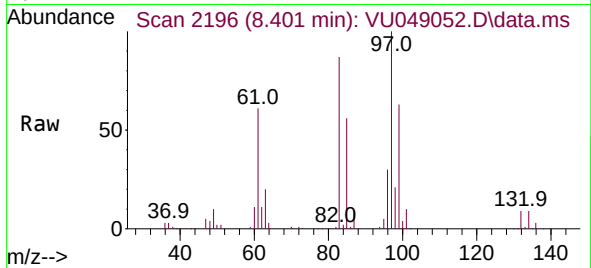




#45
1,1,2-Trichloroethane
Concen: 23.809 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

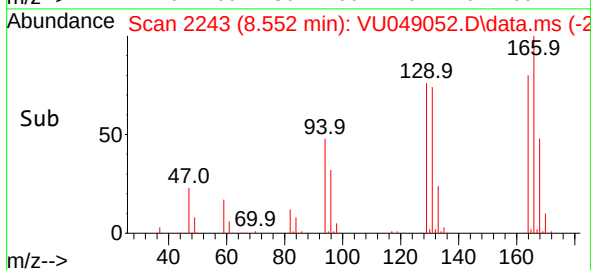
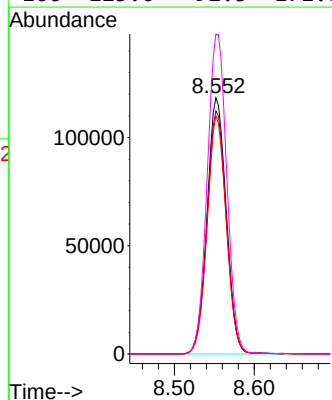
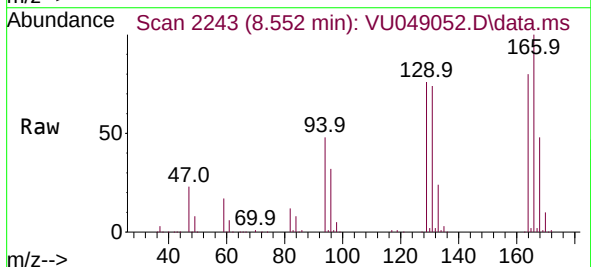
Instrument :
MSVOA_U
ClientSampleId :

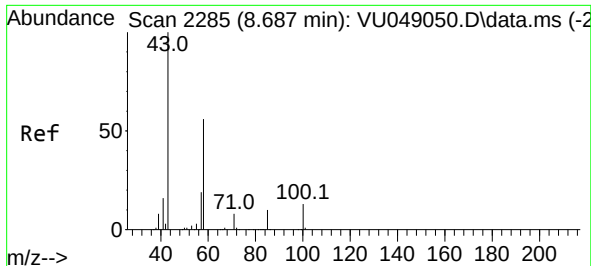
Tgt Ion:	97	Resp:	191574
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.3	80.5
83	87.4	62.1	115.3
85	55.7	39.5	73.3



#47
Tetrachloroethene
Concen: 23.581 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

Tgt Ion:	164	Resp:	197531
Ion	Ratio	Lower	Upper
164	100		
129	94.9	67.0	124.4
131	93.0	65.0	120.8
166	125.0	92.5	171.7

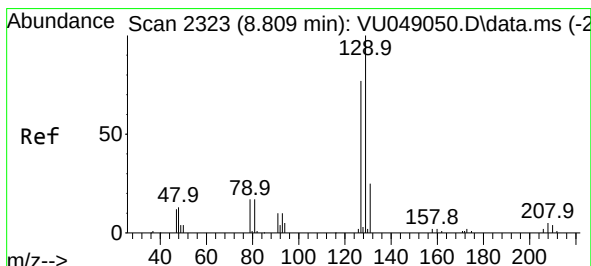
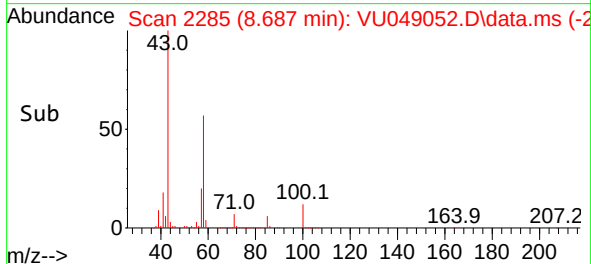
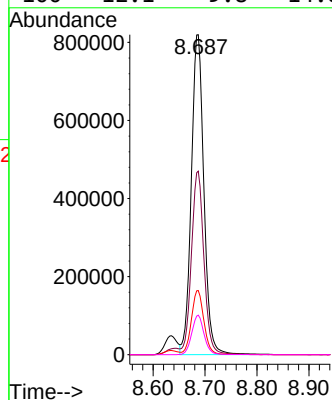
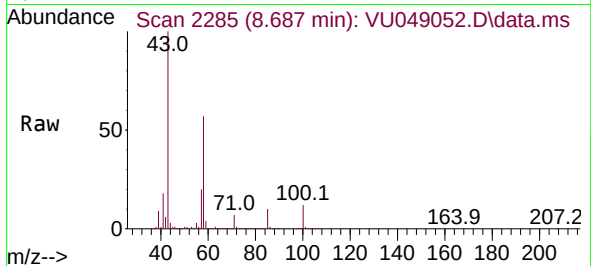




#48
2-Hexanone
Concen: 270.991 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

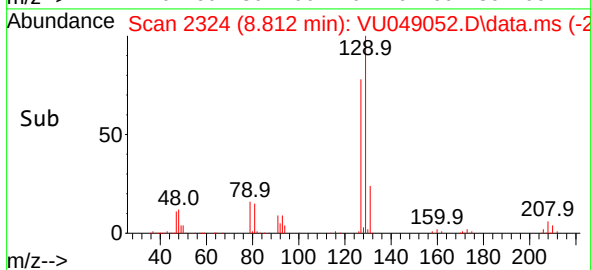
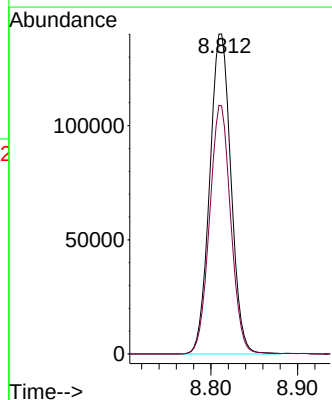
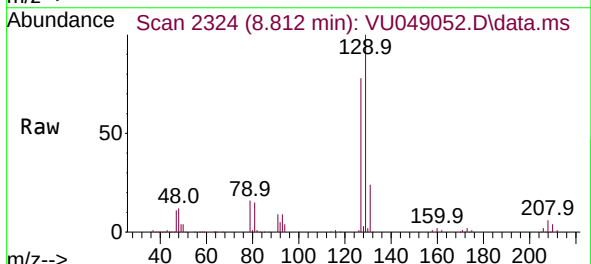
Instrument :
MSVOA_U
ClientSampleId :

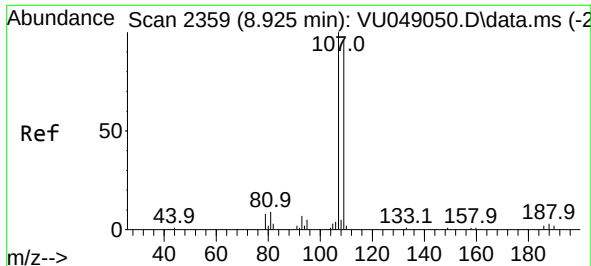
Tgt Ion: 43 Resp: 1379102
Ion Ratio Lower Upper
43 100
58 56.8 45.0 67.4
57 20.0 15.9 23.9
100 12.1 9.8 14.8



#49
Dibromochloromethane
Concen: 23.988 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

Tgt Ion: 129 Resp: 239102
Ion Ratio Lower Upper
129 100
127 77.5 54.1 100.5

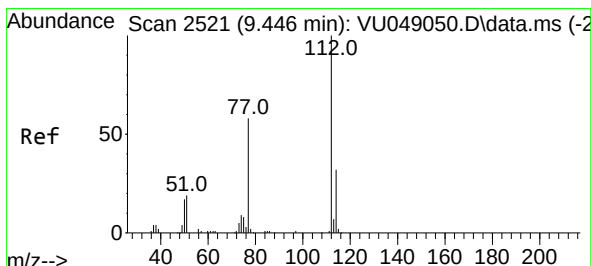
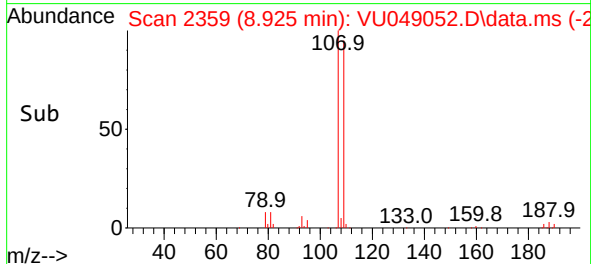
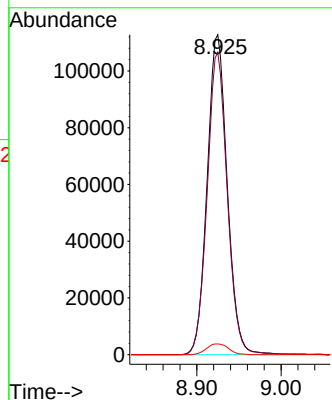
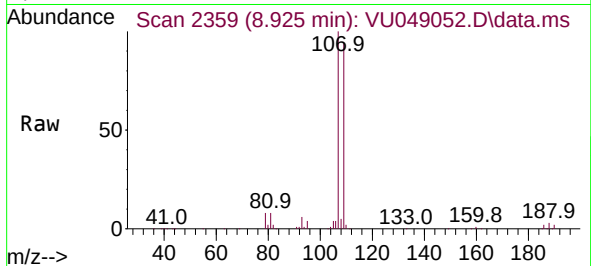




#50
1,2-Dibromoethane
Concen: 23.505 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

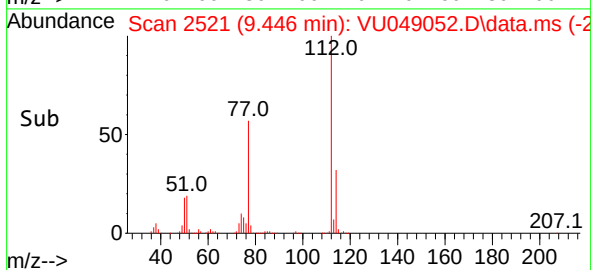
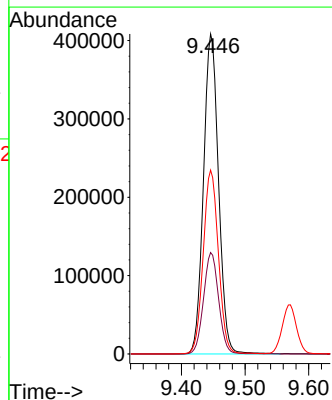
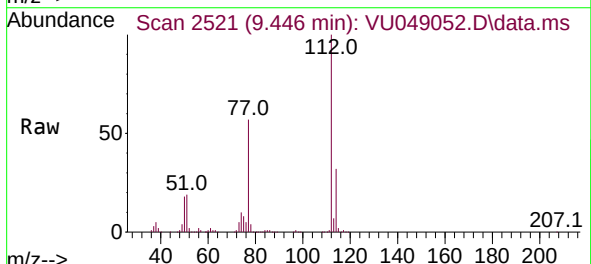
Instrument :
MSVOA_U
ClientSampleId :

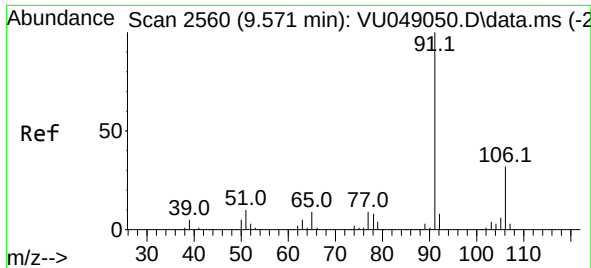
Tgt Ion:107 Resp: 187052
Ion Ratio Lower Upper
107 100
109 94.4 67.0 124.4
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 24.253 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

Tgt Ion:112 Resp: 671275
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 57.5 46.6 70.0

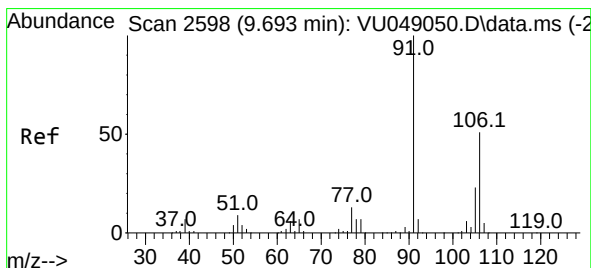
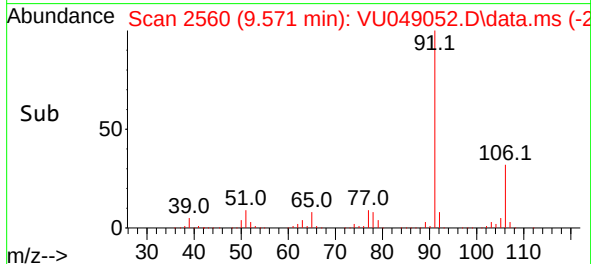
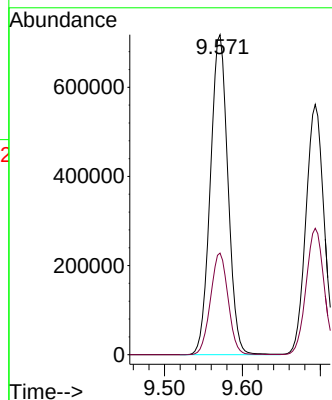
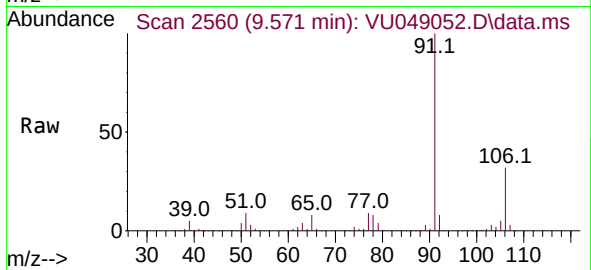




#52
Ethylbenzene
Concen: 26.070 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

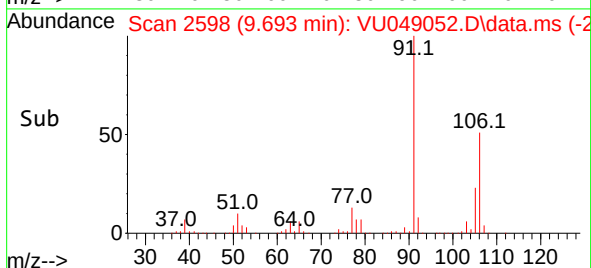
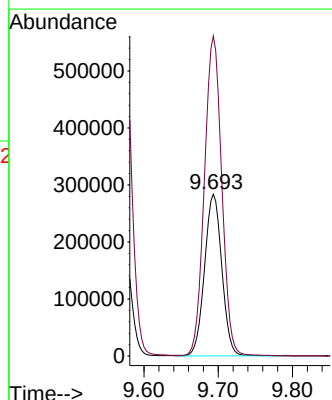
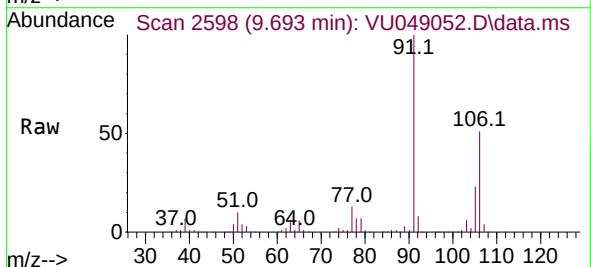
Instrument :
MSVOA_U
ClientSampleId :

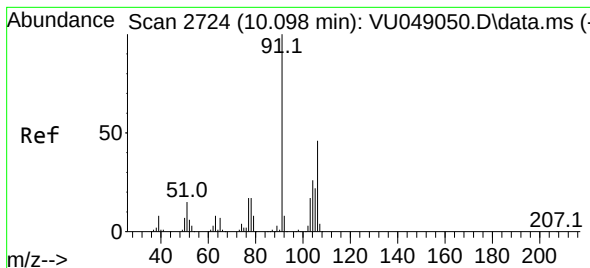
Tgt Ion: 91 Resp: 1123457
Ion Ratio Lower Upper
91 100
106 31.8 22.7 42.1



#53
m,p-Xylene
Concen: 26.912 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

Tgt Ion:106 Resp: 456199
Ion Ratio Lower Upper
106 100
91 197.9 137.4 255.2





#54

o-Xylene

Concen: 26.906 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

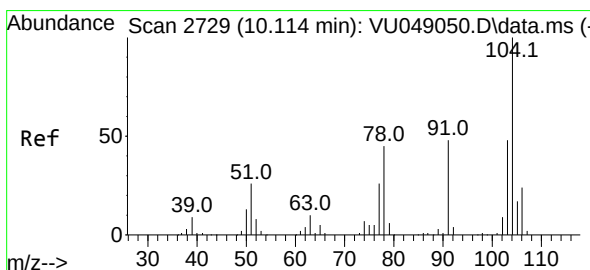
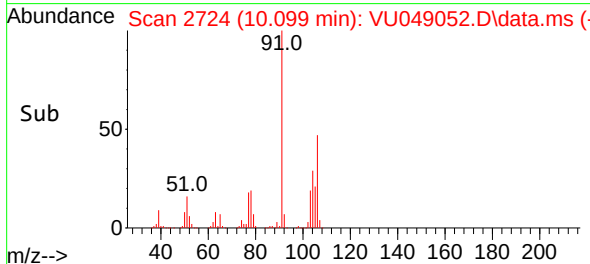
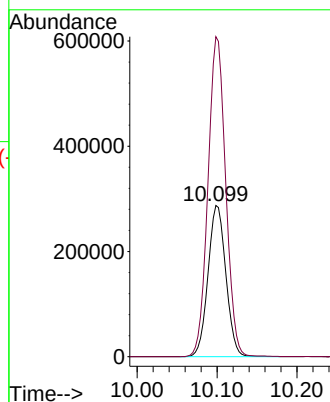
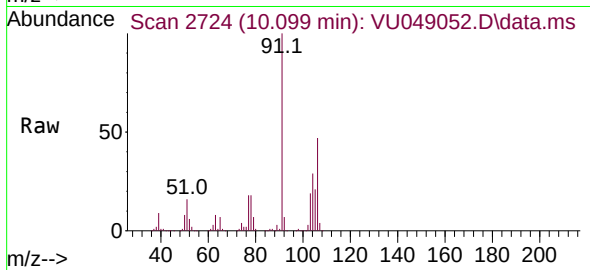
ClientSampleId :

Tgt Ion:106 Resp: 446184

Ion Ratio Lower Upper

106 100

91 211.6 152.5 283.1



#55

Styrene

Concen: 26.848 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049052.D

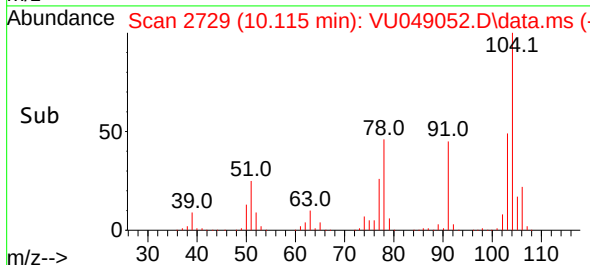
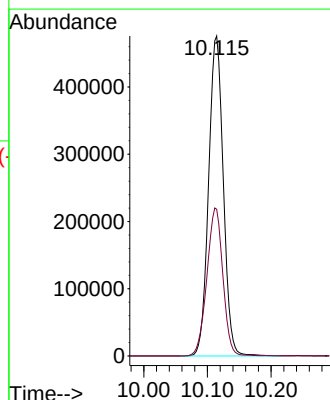
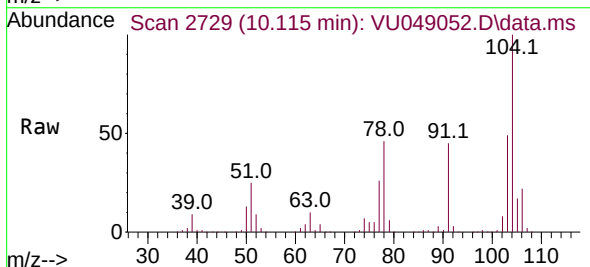
Acq: 11 Jun 2022 14:06

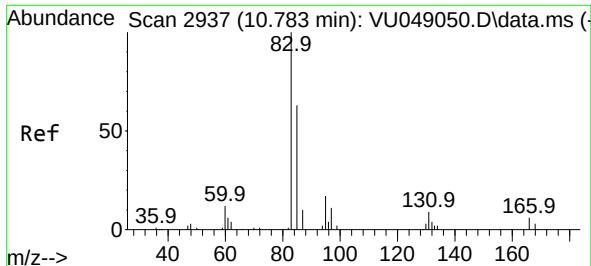
Tgt Ion:104 Resp: 763756

Ion Ratio Lower Upper

104 100

78 45.9 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.387 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU049052.D

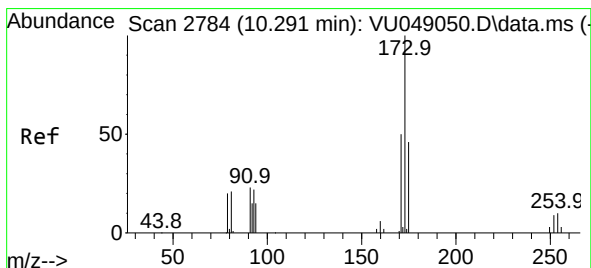
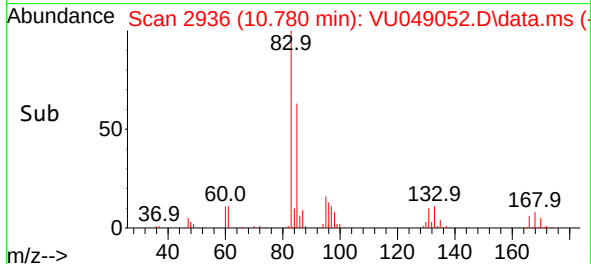
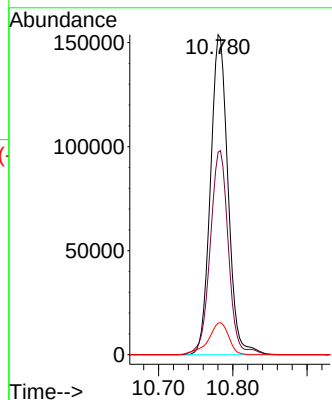
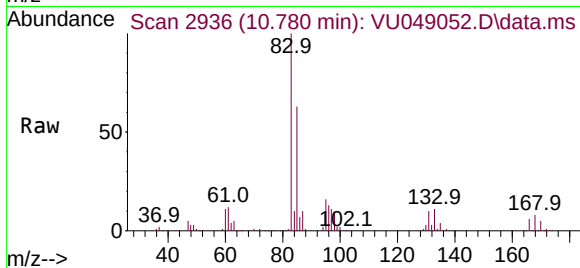
Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	251556
Ion Ratio	Lower	Upper	
83	100		
85	63.3	45.2	84.0
131	9.9	7.8	11.6



#59

Bromoform

Concen: 22.558 ug/L

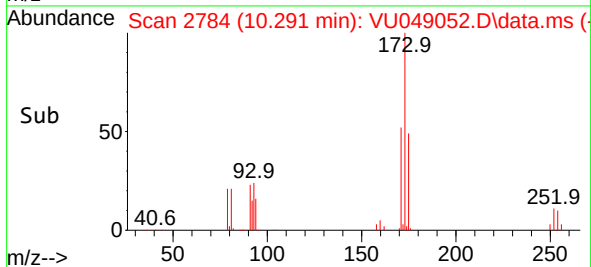
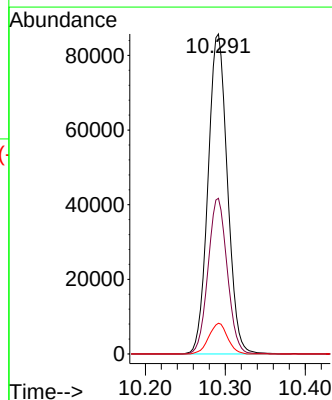
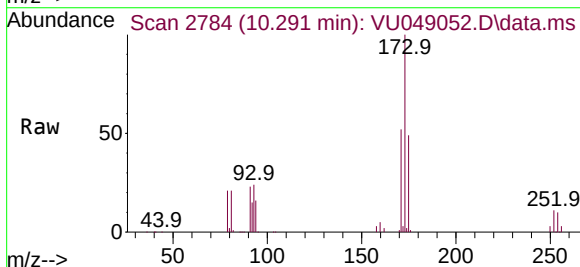
RT: 10.291 min Scan# 2784

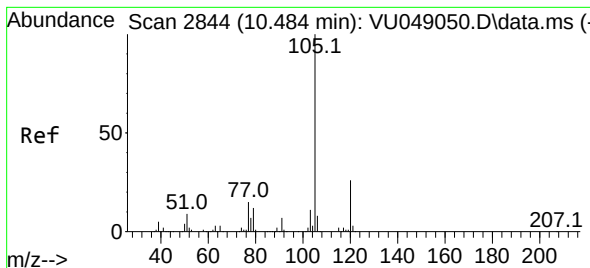
Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Tgt Ion:	173	Resp:	144422
Ion Ratio	Lower	Upper	
173	100		
175	48.1	37.9	56.9
254	9.3	7.5	11.3





#60

Isopropylbenzene

Concen: 26.555 ug/L

RT: 10.484 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

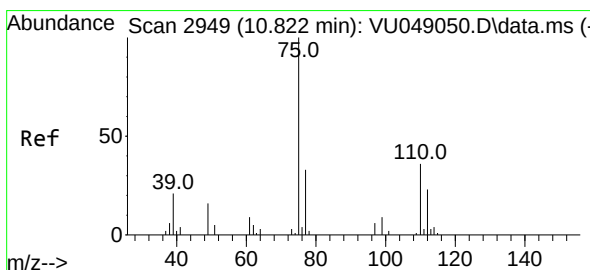
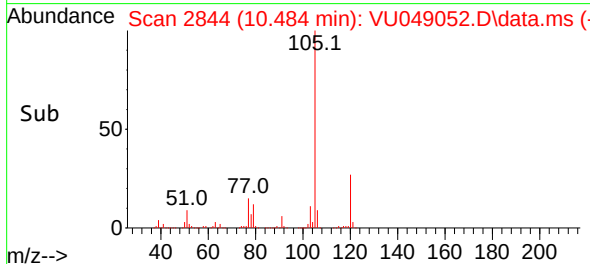
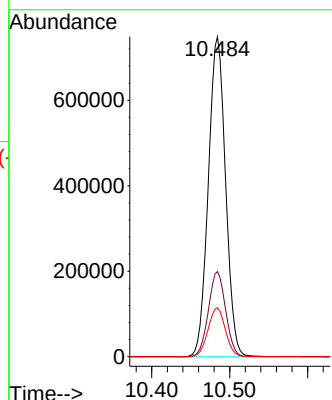
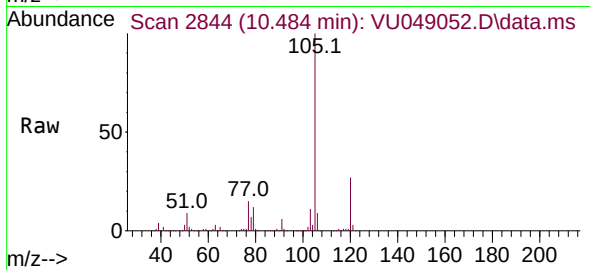
Tgt Ion:105 Resp: 1150981

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.4

77 15.4 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 23.712 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

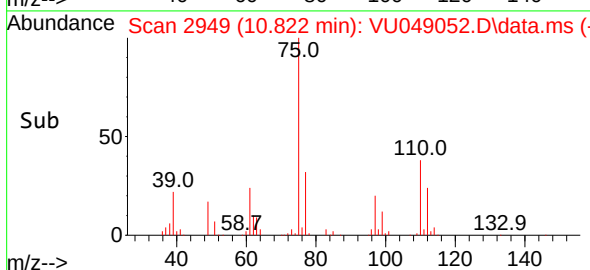
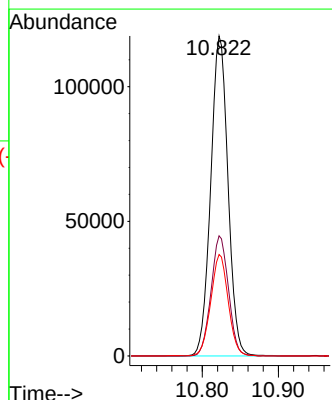
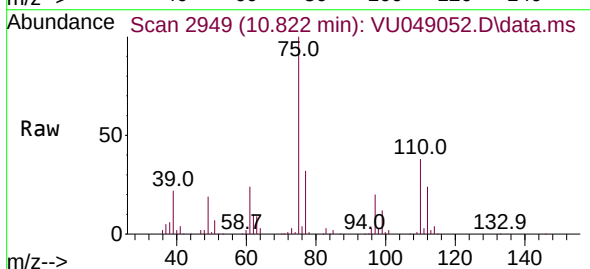
Tgt Ion: 75 Resp: 187326

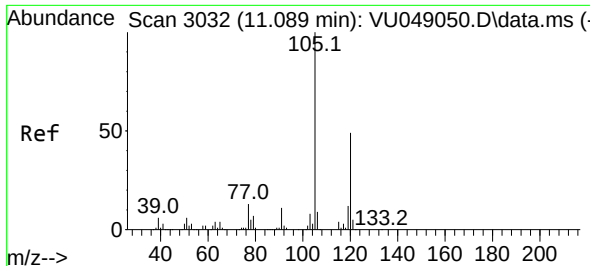
Ion Ratio Lower Upper

75 100

110 37.8 28.6 43.0

77 32.0 25.4 38.0

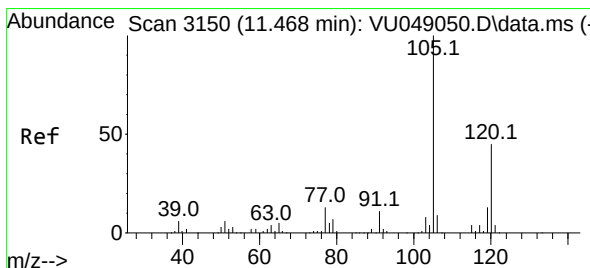
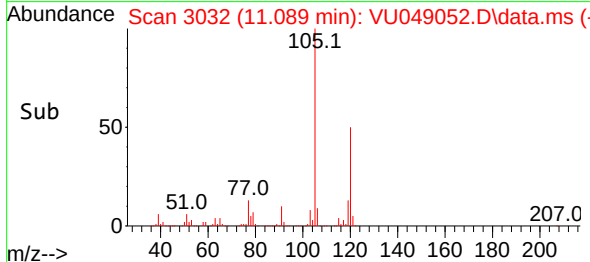
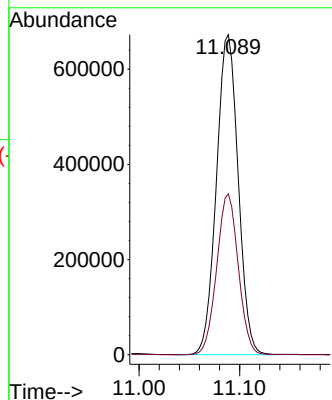
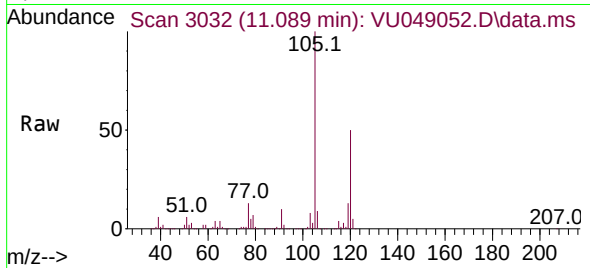




#62
 1,3,5-Trimethylbenzene
 Concen: 33.787 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049052.D
 Acq: 11 Jun 2022 14:06

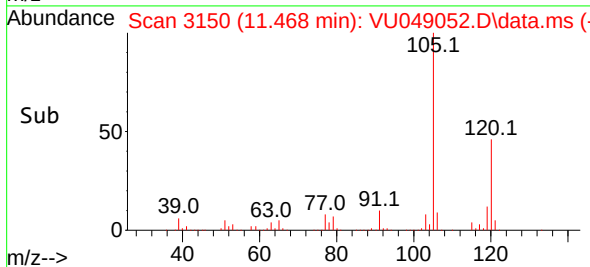
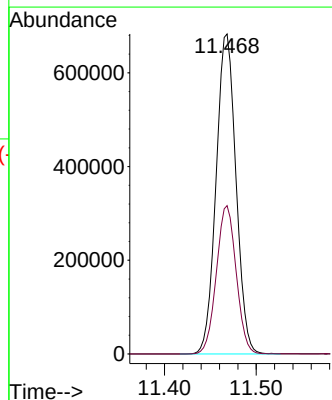
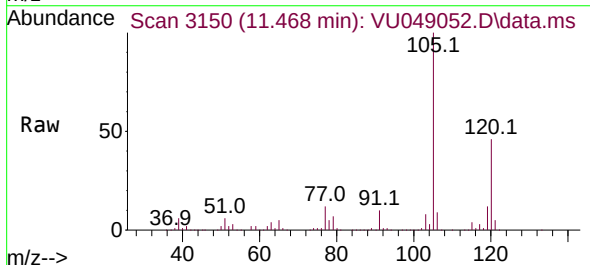
Instrument :
 MSVOA_U
 ClientSampleId :

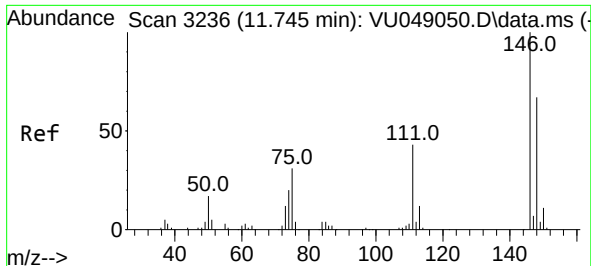
Tgt Ion:105 Resp: 1010553
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 28.462 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049052.D
 Acq: 11 Jun 2022 14:06

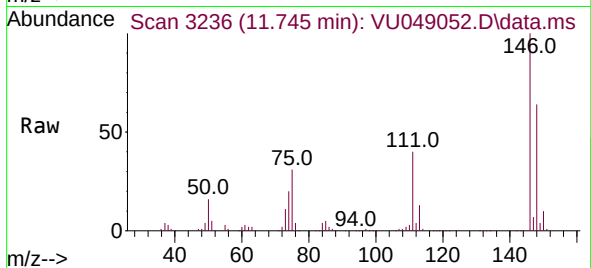
Tgt Ion:105 Resp: 1027841
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.7 55.1



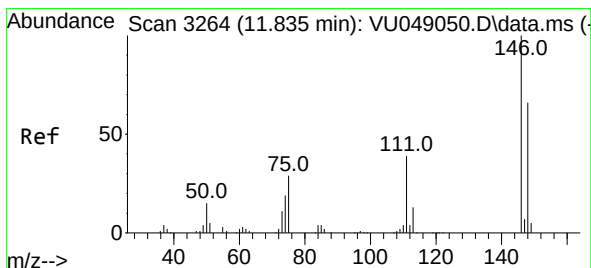
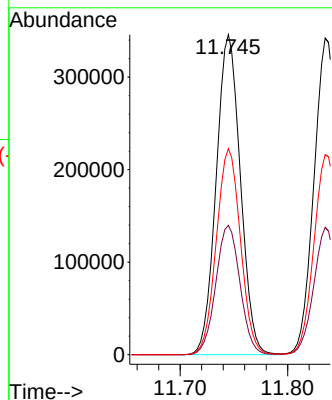
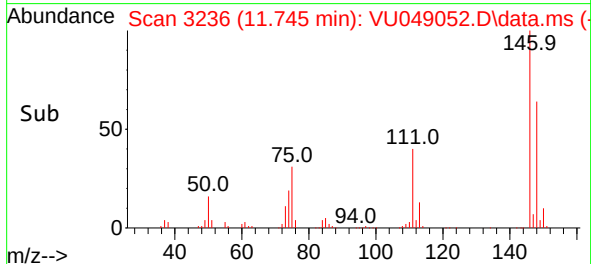


#64
1,3-Dichlorobenzene
Concen: 23.163 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06

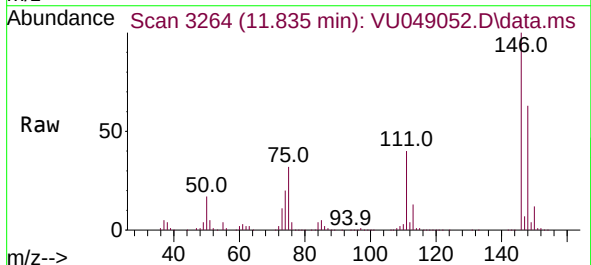
Instrument :
MSVOA_U
ClientSampleId :



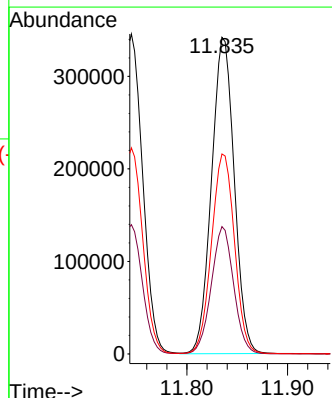
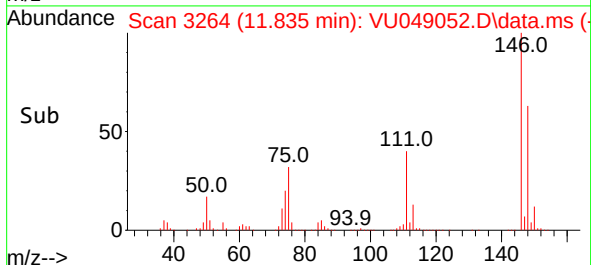
Tgt Ion:146 Resp: 540477
Ion Ratio Lower Upper
146 100
111 40.4 29.8 55.4
148 64.4 47.0 87.2

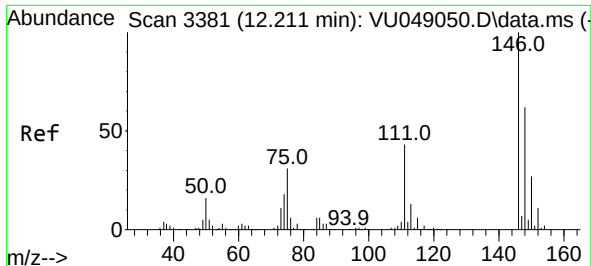


#65
1,4-Dichlorobenzene
Concen: 22.758 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049052.D
Acq: 11 Jun 2022 14:06



Tgt Ion:146 Resp: 537009
Ion Ratio Lower Upper
146 100
111 40.3 27.2 50.6
148 63.2 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 22.800 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

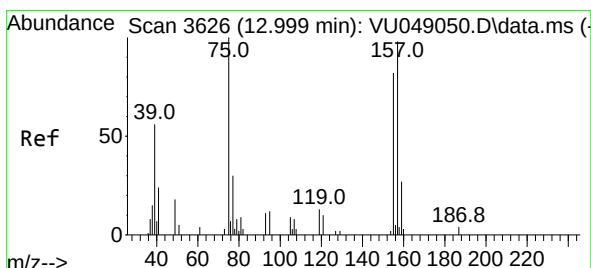
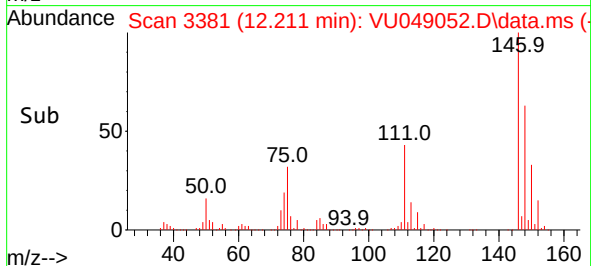
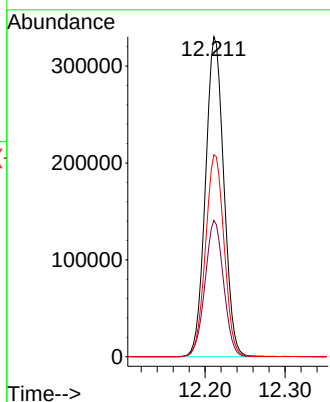
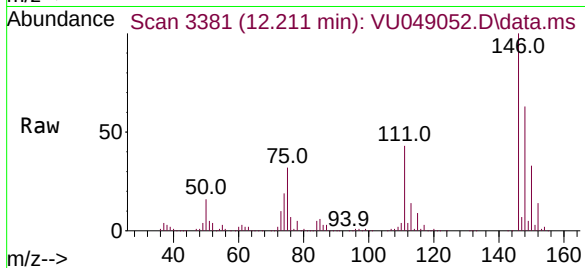
Tgt Ion:146 Resp: 526283

Ion Ratio Lower Upper

146 100

111 42.6 34.1 51.1

148 63.1 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.661 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

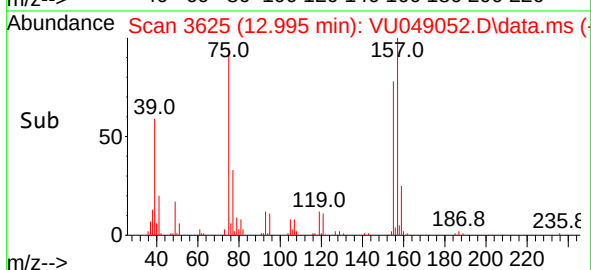
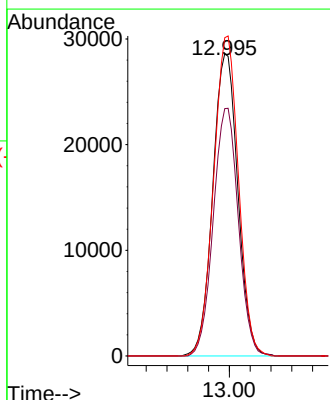
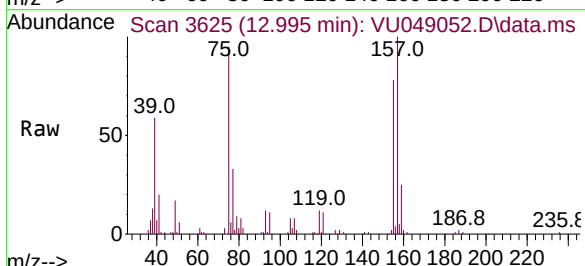
Tgt Ion: 75 Resp: 48000

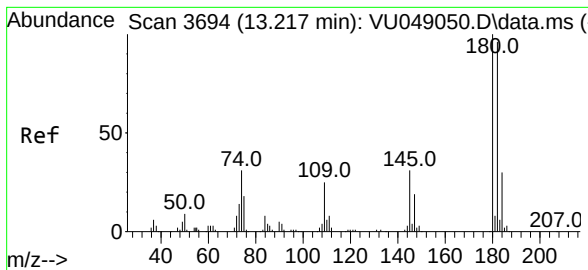
Ion Ratio Lower Upper

75 100

155 81.8 65.8 98.6

157 105.3 78.6 118.0





#69

1,3,5-Trichlorobenzene

Concen: 21.877 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.003 min

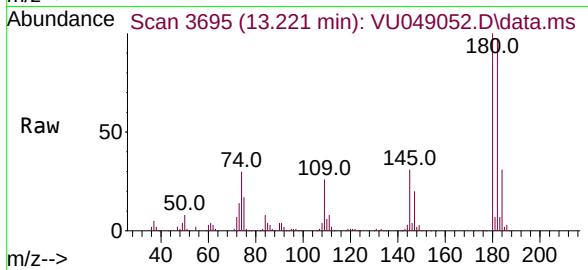
Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 422802

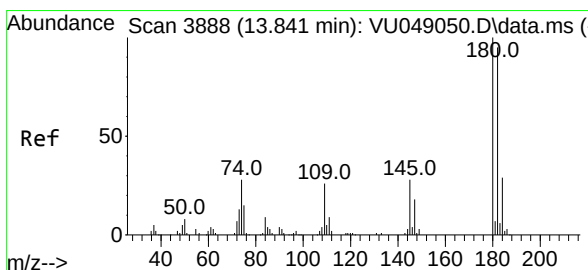
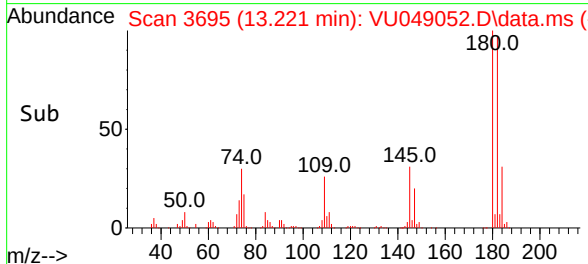
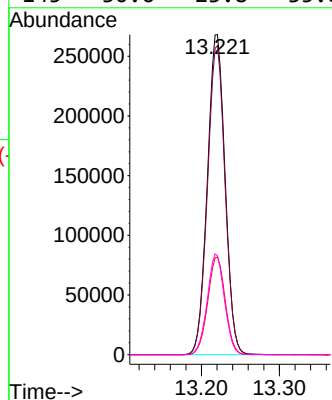
Ion Ratio Lower Upper

180 100

182 96.0 77.1 115.7

184 30.2 23.6 35.4

145 30.6 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 22.113 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.003 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

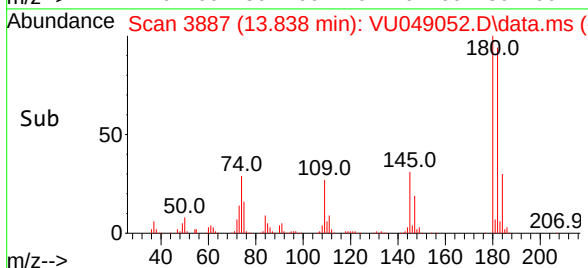
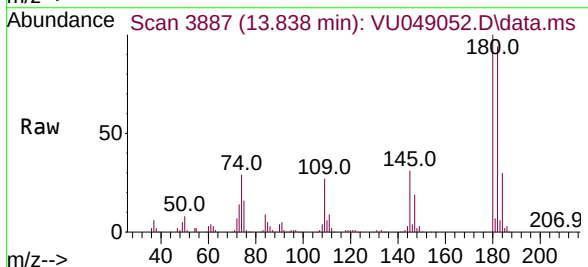
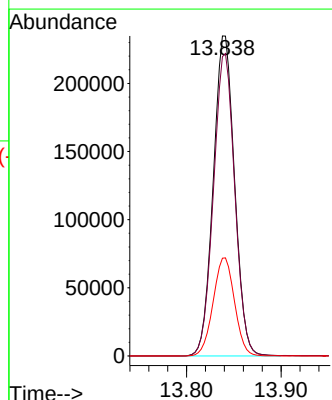
Tgt Ion:180 Resp: 367355

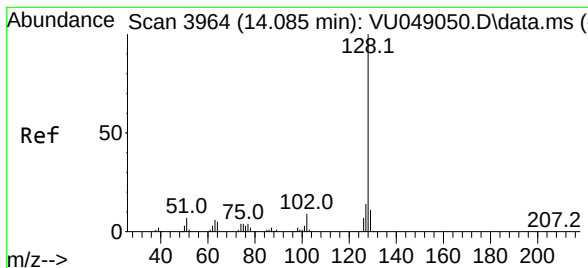
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

145 30.8 23.1 34.7





#71

Naphthalene

Concen: 23.740 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Instrument :

MSVOA_U

ClientSampleId :

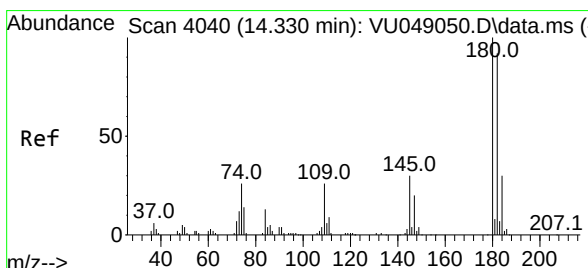
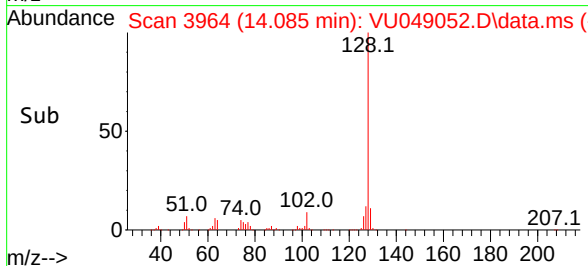
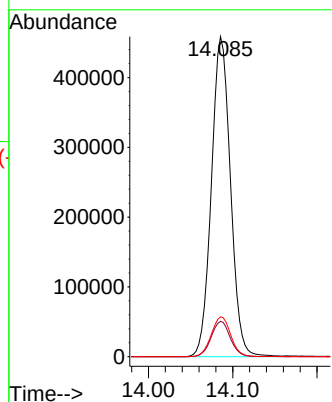
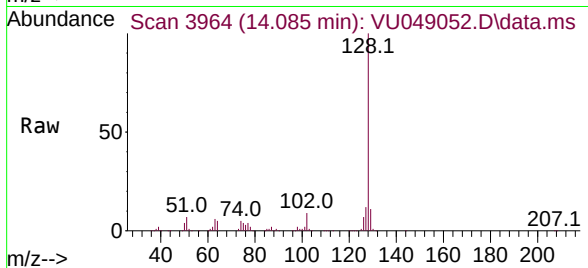
Tgt Ion:128 Resp: 721265

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 12.8 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 21.649 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049052.D

Acq: 11 Jun 2022 14:06

Tgt Ion:180 Resp: 346614

Ion Ratio Lower Upper

180 100

182 96.0 74.6 112.0

145 32.9 24.4 36.6

