

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049050.D
 Acq On : 11 Jun 2022 13:19
 Operator : SY/MD
 Sample : VSTD00528
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:07:10 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	157481	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	153353	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36867	3.824	ug/L	0.00
7) Chloroethane-d5	1.915	69	40399	4.465	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	19394	4.188	ug/L	0.00
20) 2-Butanone-d5	4.636	46	179583	57.603	ug/L	0.00
24) Chloroform-d	5.066	84	115061	5.094	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	64614	5.215	ug/L	0.00
32) Benzene-d6	5.729	84	213458	4.844	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	69508	4.974	ug/L	0.00
41) Toluene-d8	7.899	98	181907	4.498	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	23720	4.215	ug/L	0.00
46) 2-Hexanone-d5	8.635	63	132982	44.767	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	61850	4.502	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	73822	4.445	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	96942	8.454	ug/L	100
3) Chloromethane	1.523	50	78204	7.312	ug/L	100
5) Vinyl chloride	1.604	62	72978	6.819	ug/L	100
6) Bromomethane	1.861	94	42499	7.902	ug/L	100
8) Chloroethane	1.935	64	38535	6.171	ug/L	100
9) Trichlorofluoromethane	2.141	101	100209	7.099	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	53996	6.351	ug/L	100
12) 1,1-Dichloroethene	2.581	96	49639	6.054	ug/L	100
13) Acetone	2.652	43	96925	72.771	ug/L	100
14) Carbon disulfide	2.793	76	170926	6.652	ug/L	100
15) Methyl Acetate	2.960	43	23772	6.747	ug/L	100
16) Methylene chloride	3.047	84	57990	4.907	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	129767	6.119	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	54633	6.138	ug/L	100
19) 1,1-Dichloroethane	3.870	63	104105	6.545	ug/L	100
21) 2-Butanone	4.716	43	157430	65.244	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	59955	6.105	ug/L	100
23) Bromochloromethane	4.976	128	27596	5.690	ug/L	100
25) Chloroform	5.089	83	107014	6.193	ug/L	100
27) 1,2-Dichloroethane	5.796	62	72234	6.456	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	99212	6.719	ug/L	100
30) Cyclohexane	5.391	56	86815	6.816	ug/L	100
31) Carbon tetrachloride	5.526	117	87113	6.718	ug/L	100
33) Benzene	5.777	78	229336	6.259	ug/L	100
34) Trichloroethene	6.542	95	59015	6.110	ug/L	100
35) Methylcyclohexane	6.764	83	93565	6.642	ug/L	100
37) 1,2-Dichloropropane	6.793	63	60168	6.349	ug/L	100
38) Bromodichloromethane	7.105	83	80112	6.208	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	83767	5.839	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	379165	58.572	ug/L	100
42) Toluene	7.970	91	245592	6.215	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	75649	5.905	ug/L	100

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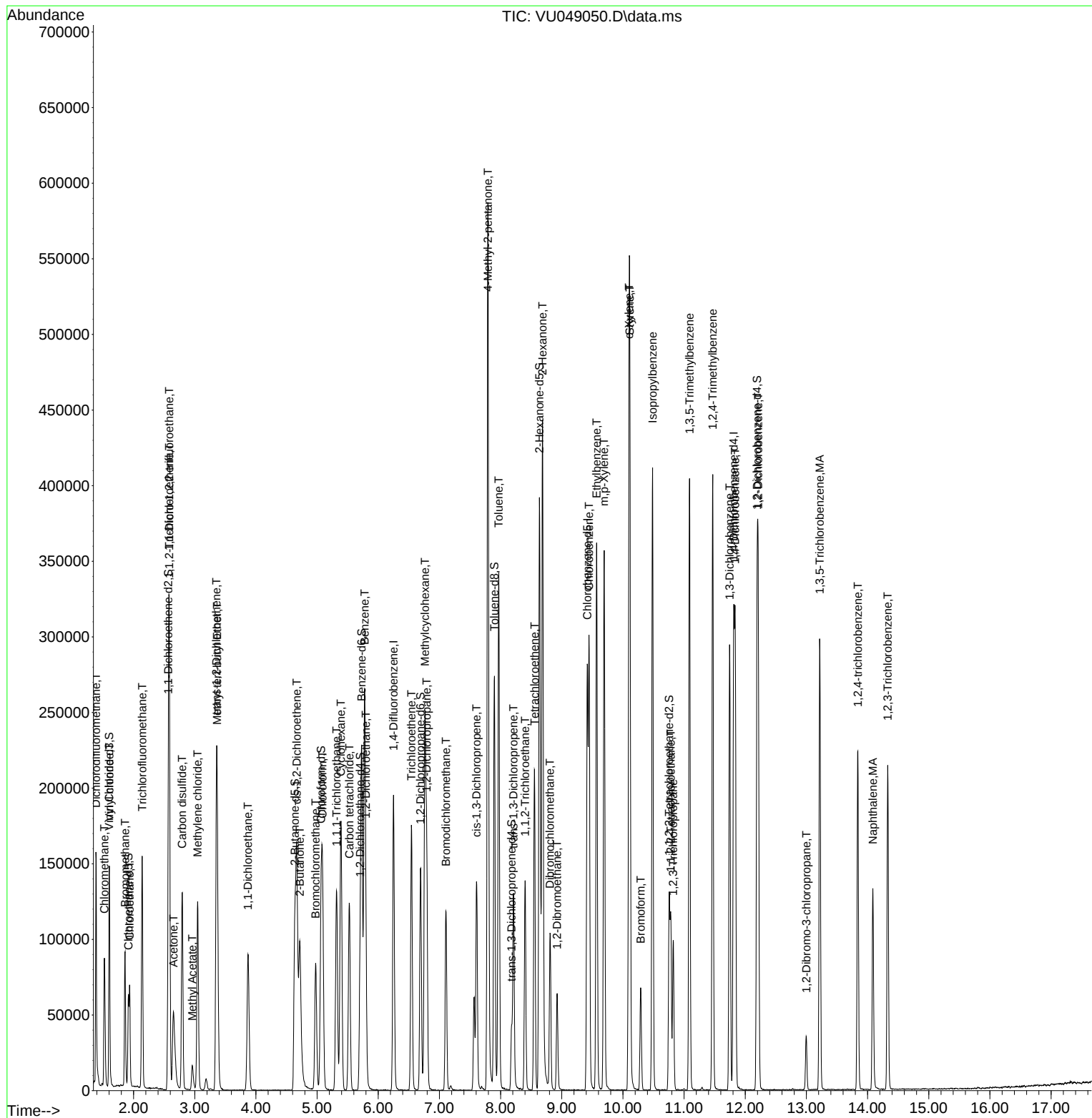
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	41970	5.413	ug/L	100
47) Tetrachloroethene	8.555	164	47418	5.875	ug/L	100
48) 2-Hexanone	8.687	43	282753	57.661	ug/L	100
49) Dibromochloromethane	8.809	129	54203	5.644	ug/L	100
50) 1,2-Dibromoethane	8.925	107	41982	5.475	ug/L	100
51) Chlorobenzene	9.446	112	157318	5.899	ug/L	100
52) Ethylbenzene	9.571	91	249144	6.000	ug/L	100
53) m,p-Xylene	9.693	106	104740	6.412	ug/L	100
54) o-Xylene	10.098	106	98750	6.180	ug/L	100
55) Styrene	10.114	104	169465	6.182	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	54901	5.297	ug/L	100
59) Bromoform	10.291	173	31956	5.473	ug/L	100
60) Isopropylbenzene	10.484	105	262125	6.631	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	42970	5.964	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	217349	7.968	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	219673	6.670	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	124002	5.827	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	119717	5.563	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	120410	5.720	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	9846	5.771	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	93767	5.320	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	71485	4.718	ug/L	100
71) Naphthalene	14.085	128	112277	4.052	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	68247	4.674	ug/L	100

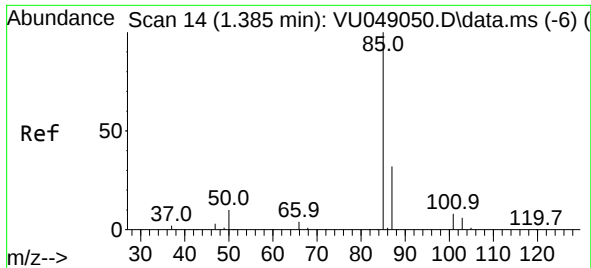
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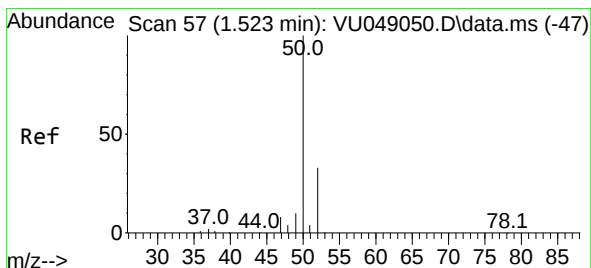
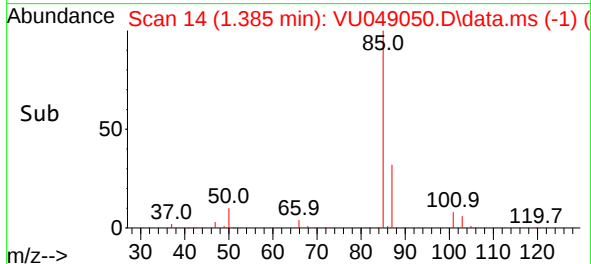
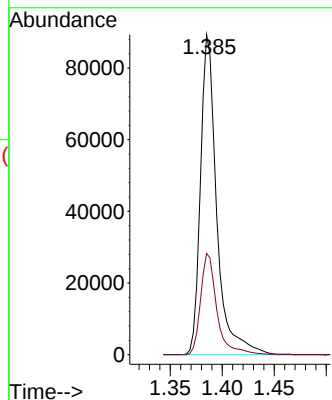
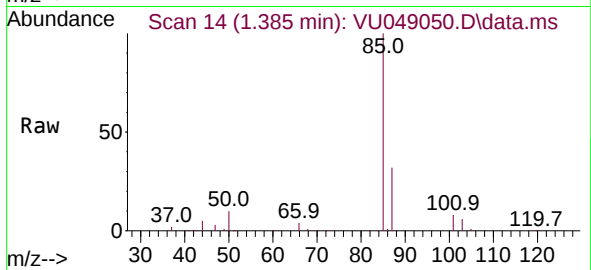




#2
Dichlorodifluoromethane
Concen: 8.454 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

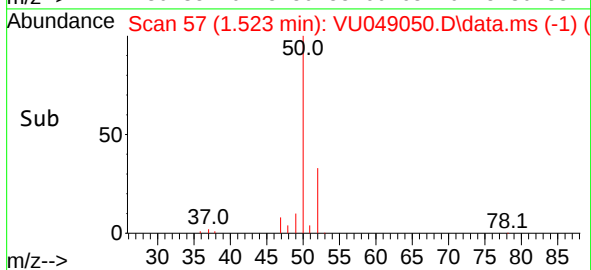
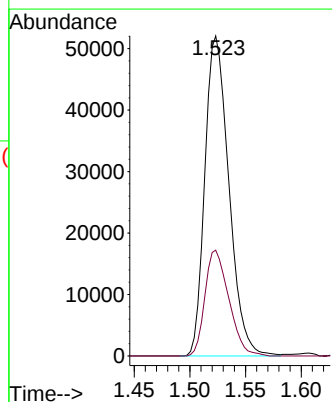
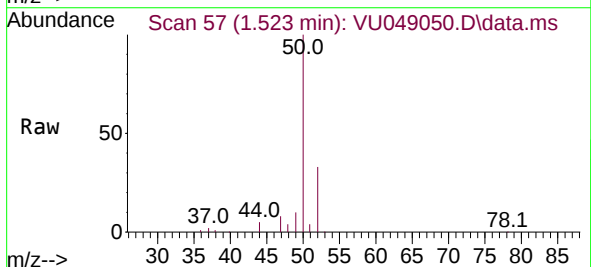
Instrument :
MSVOA_U
ClientSampleId :

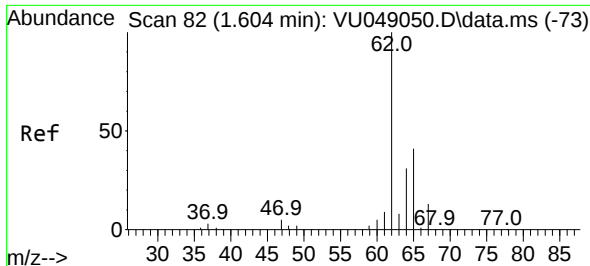
Tgt Ion: 85 Resp: 96942
Ion Ratio Lower Upper
85 100
87 31.7 25.4 38.0



#3
Chloromethane
Concen: 7.312 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion: 50 Resp: 78204
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.0

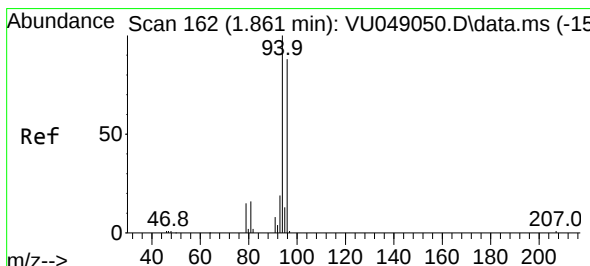
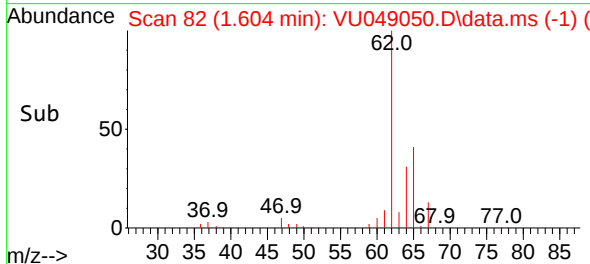
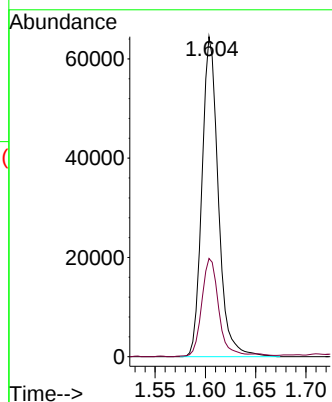
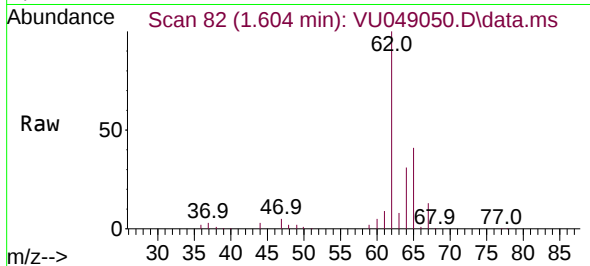




#5
 Vinyl chloride
 Concen: 6.819 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU049050.D
 Acq: 11 Jun 2022 13:19

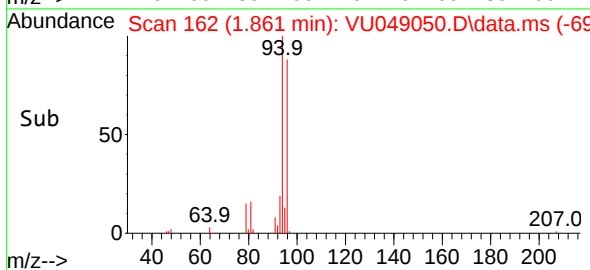
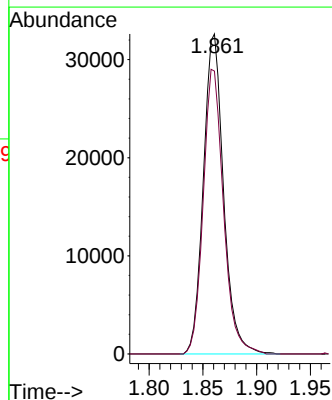
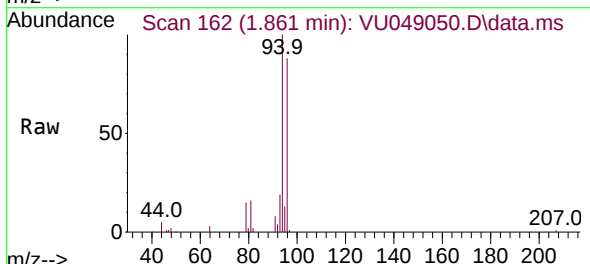
Instrument :
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 ClientSampleId :

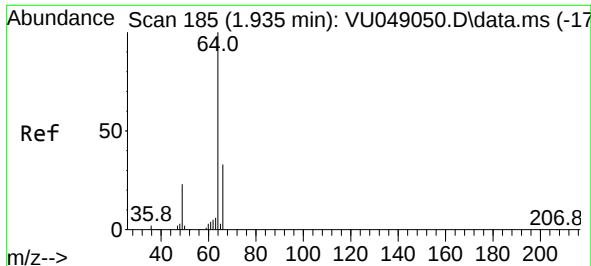
Tgt Ion: 62 Resp: 72978
 Ion Ratio Lower Upper
 62 100
 64 30.7 21.5 39.9



#6
 Bromomethane
 Concen: 7.902 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU049050.D
 Acq: 11 Jun 2022 13:19

Tgt Ion: 94 Resp: 42499
 Ion Ratio Lower Upper
 94 100
 96 88.4 61.9 114.9

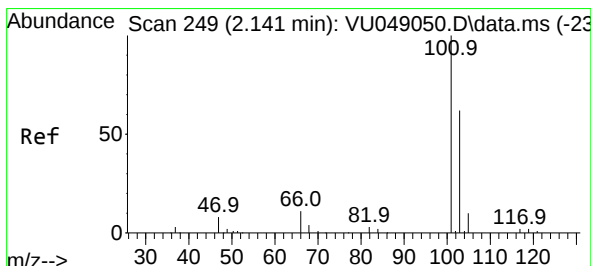
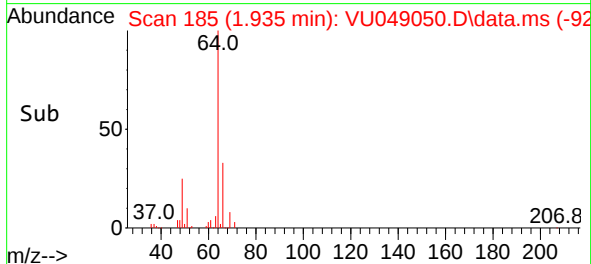
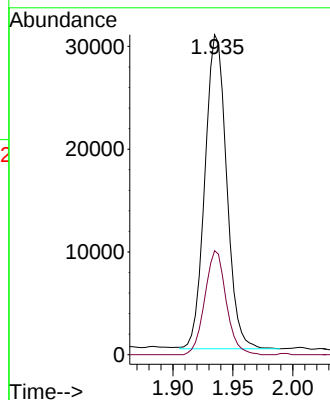
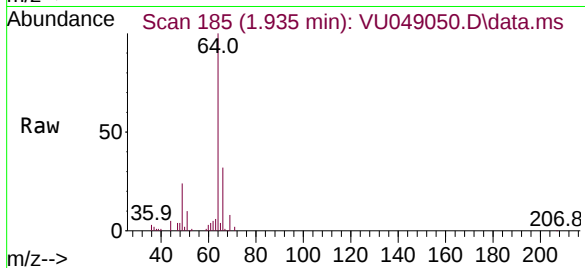




#8
Chloroethane
Concen: 6.171 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

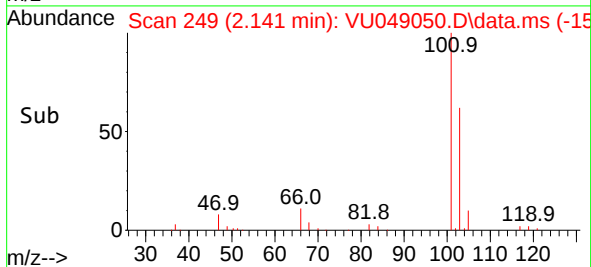
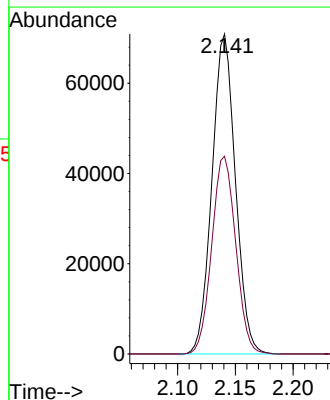
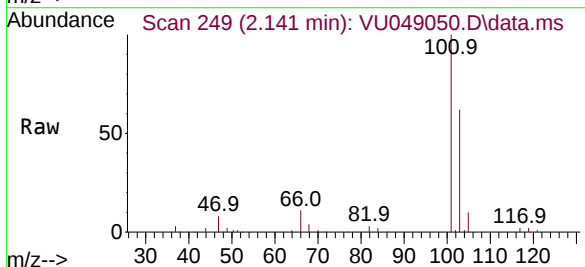
Instrument :
MSVOA_U
ClientSampleId :

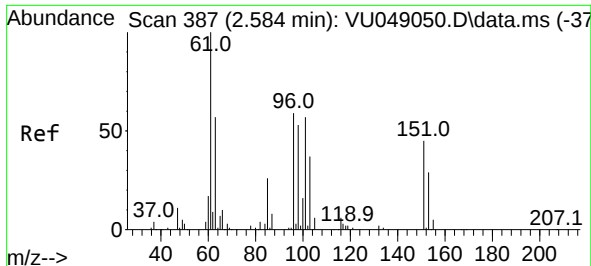
Tgt Ion: 64 Resp: 38535
Ion Ratio Lower Upper
64 100
66 32.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 7.099 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion: 101 Resp: 100209
Ion Ratio Lower Upper
101 100
103 63.1 50.5 75.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.351 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

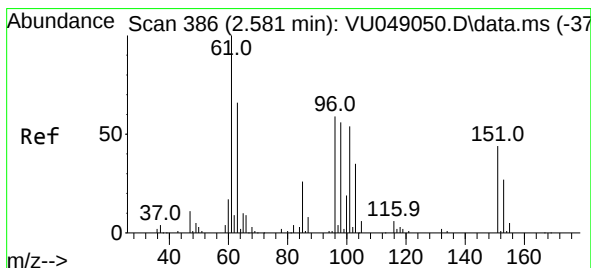
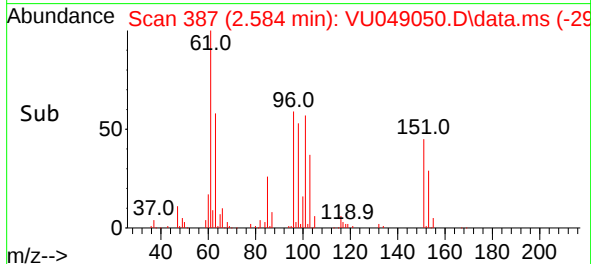
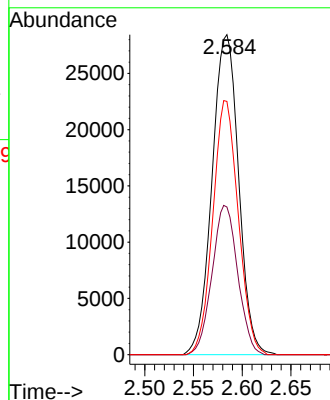
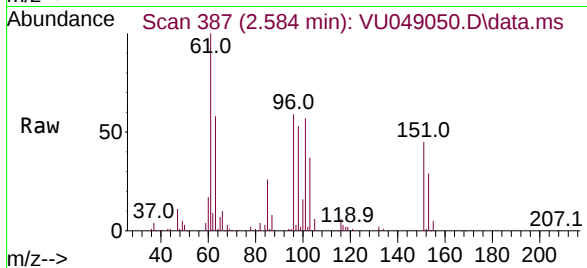
Tgt Ion:101 Resp: 53996

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

151 75.9 60.7 91.1



#12

1,1-Dichloroethene

Concen: 6.054 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

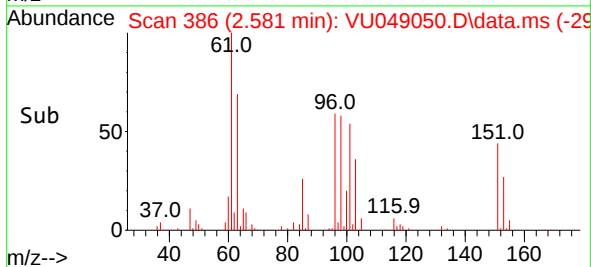
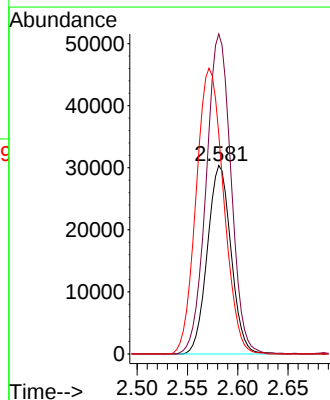
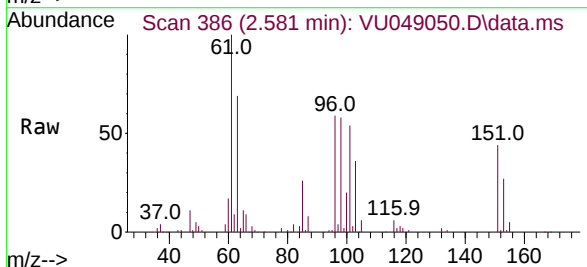
Tgt Ion: 96 Resp: 49639

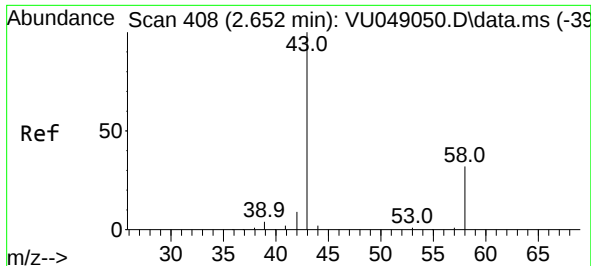
Ion Ratio Lower Upper

96 100

61 169.8 118.9 220.7

63 116.8 81.8 151.8





#13

Acetone

Concen: 72.771 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU049050.D

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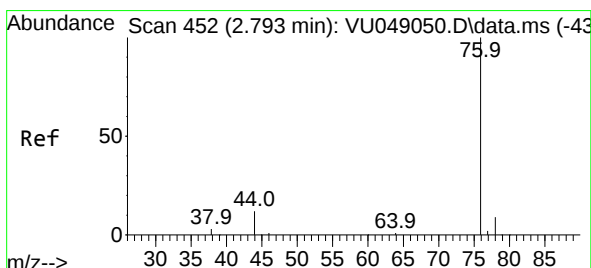
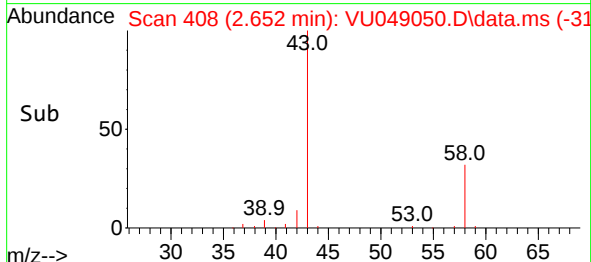
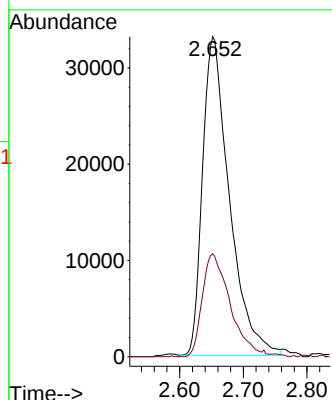
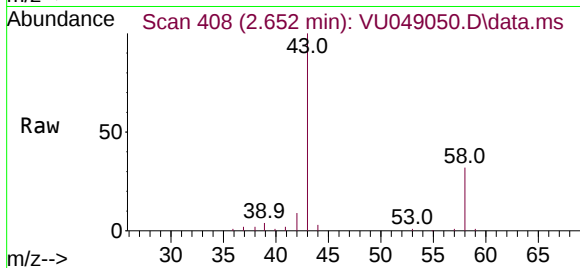
ClientSampleId :

Tgt Ion: 43 Resp: 96925

Ion Ratio Lower Upper

43 100

58 33.5 0.0 67.0



#14

Carbon disulfide

Concen: 6.652 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU049050.D

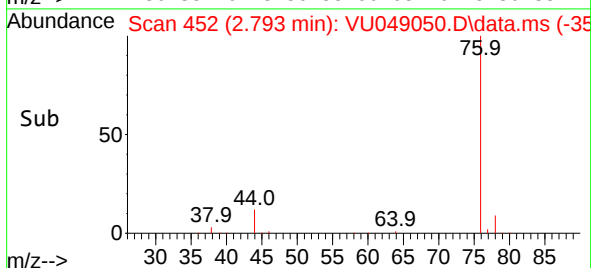
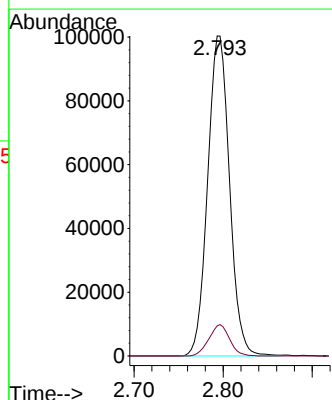
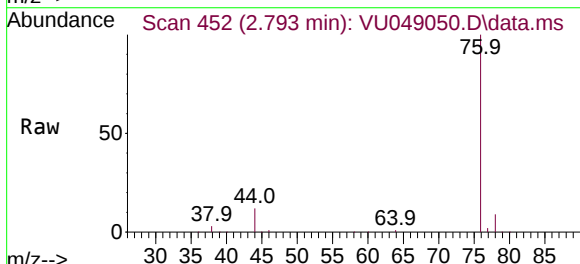
Acq: 11 Jun 2022 13:19

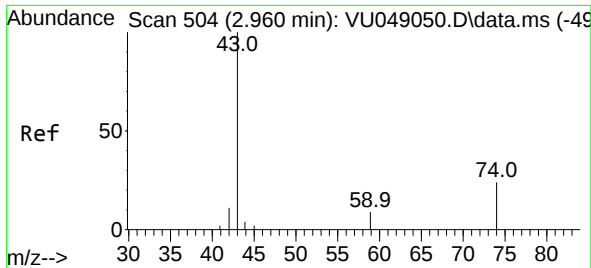
Tgt Ion: 76 Resp: 170926

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

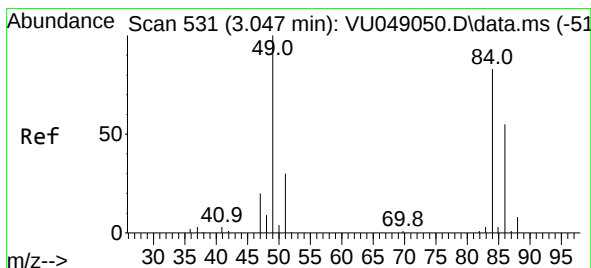
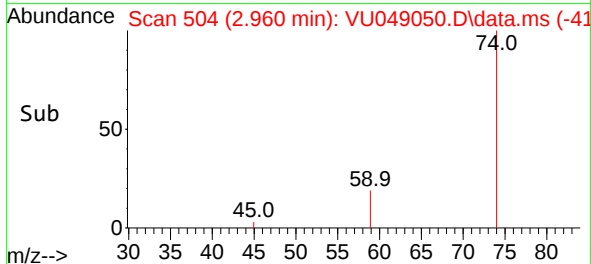
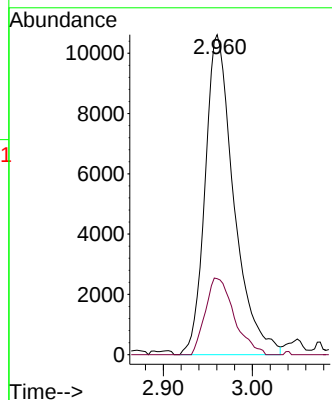
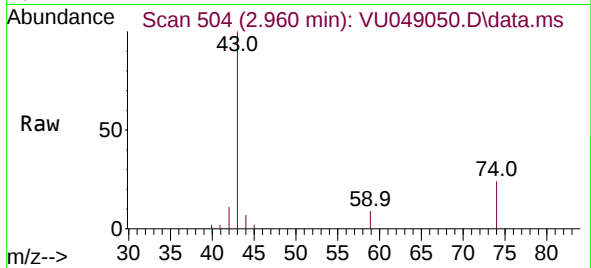




#15
Methyl Acetate
Concen: 6.747 ug/L
RT: 2.960 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

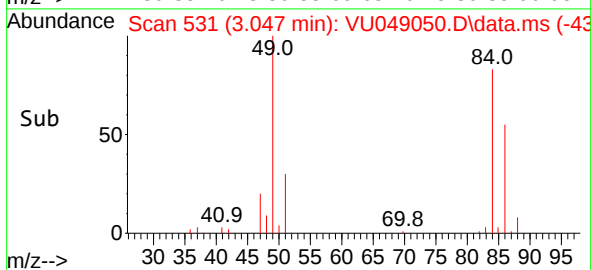
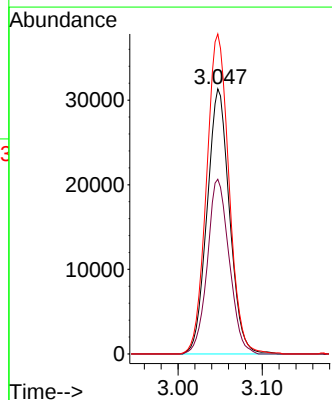
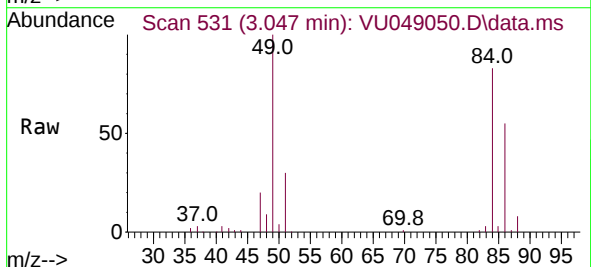
Instrument :
MSVOA_U
ClientSampleId :

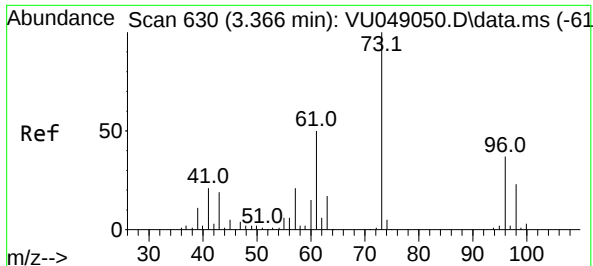
Tgt Ion: 43 Resp: 23772
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7



#16
Methylene chloride
Concen: 4.907 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion: 84 Resp: 57990
Ion Ratio Lower Upper
84 100
86 65.9 46.1 85.7
49 120.7 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 6.119 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

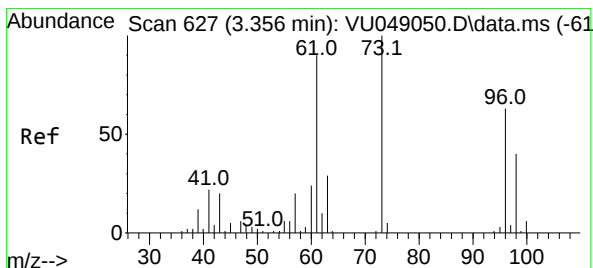
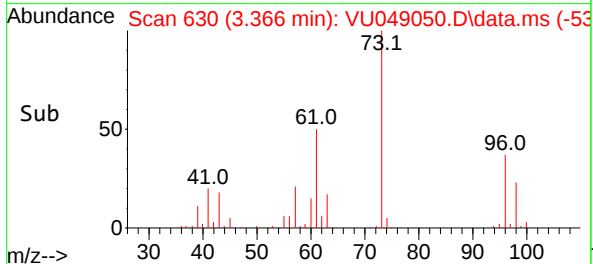
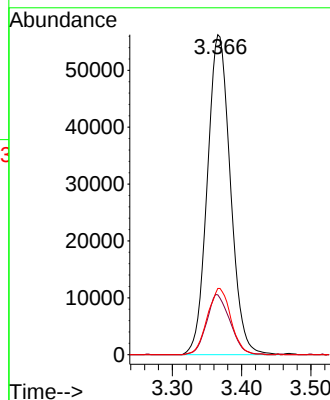
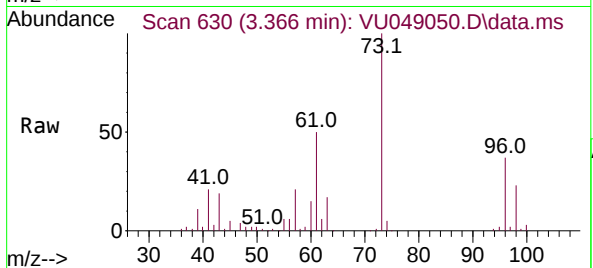
Tgt Ion: 73 Resp: 129767

Ion Ratio Lower Upper

73 100

43 19.1 15.3 22.9

57 21.2 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 6.138 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

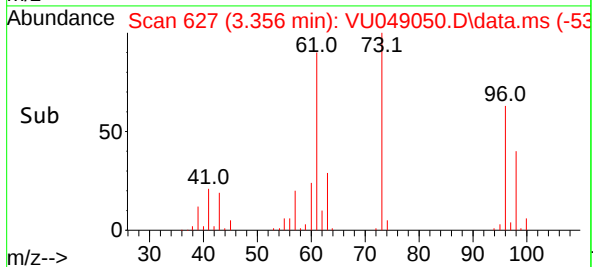
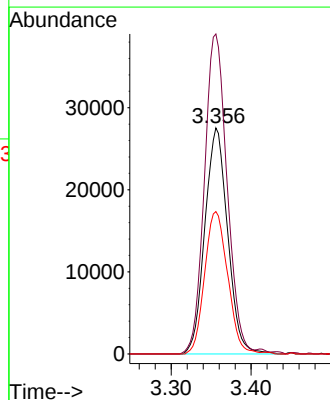
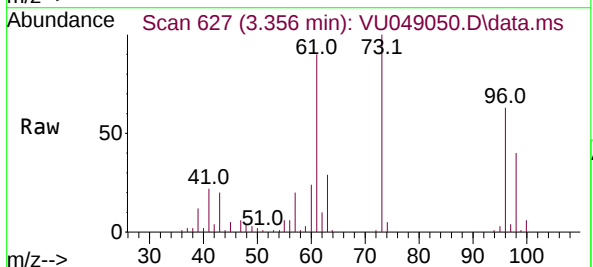
Tgt Ion: 96 Resp: 54633

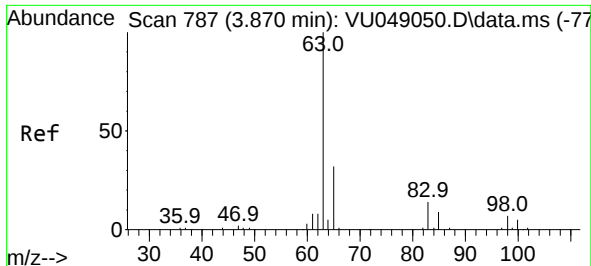
Ion Ratio Lower Upper

96 100

61 141.6 99.1 184.1

98 63.0 44.1 81.9





#19

1,1-Dichloroethane

Concen: 6.545 ug/L

RT: 3.870 min Scan# 787

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

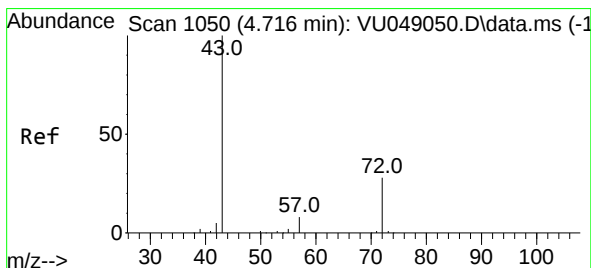
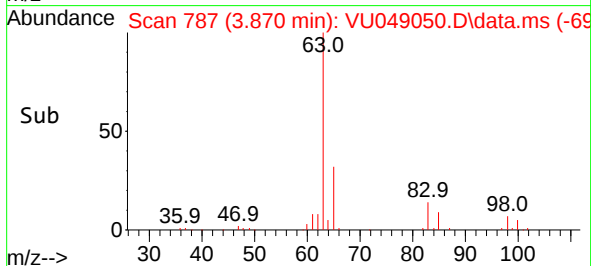
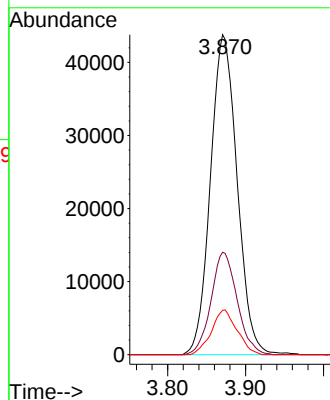
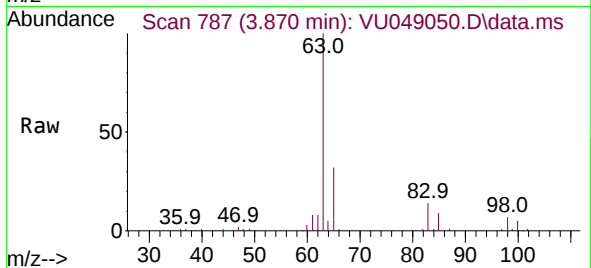
Tgt Ion: 63 Resp: 104105

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 13.8 9.7 17.9



#21

2-Butanone

Concen: 65.244 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VU049050.D

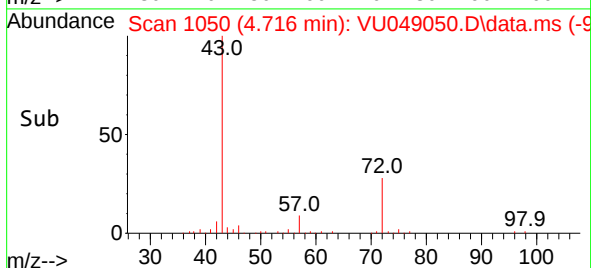
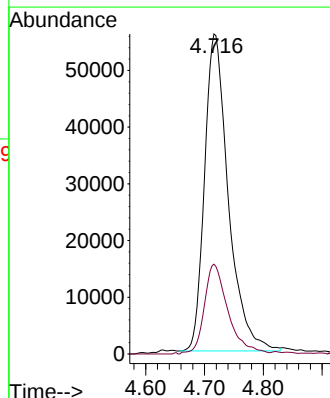
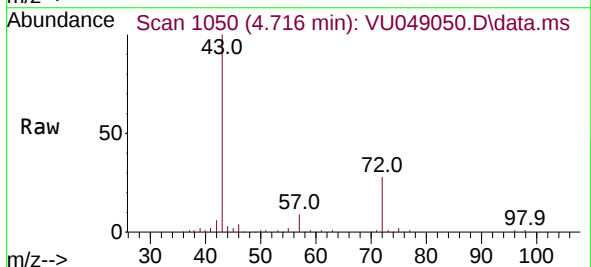
Acq: 11 Jun 2022 13:19

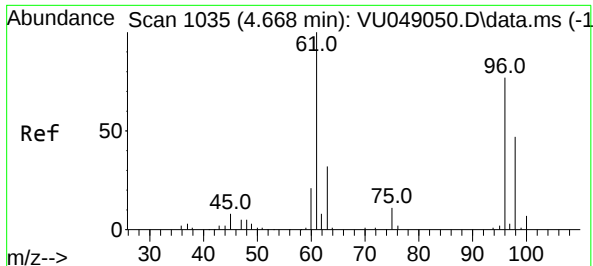
Tgt Ion: 43 Resp: 157430

Ion Ratio Lower Upper

43 100

72 28.1 14.1 42.2

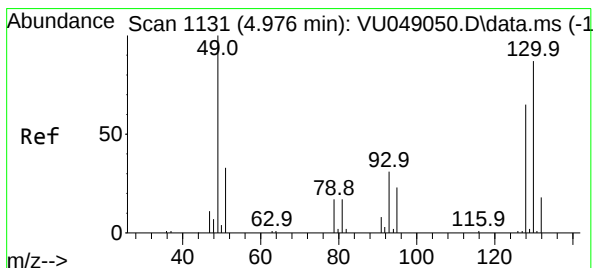
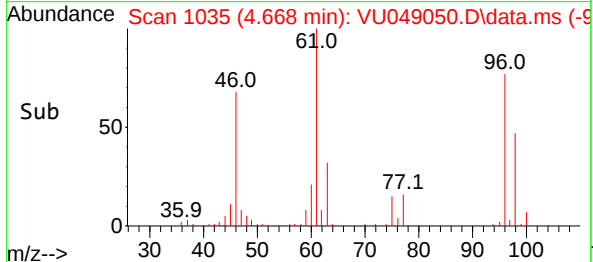
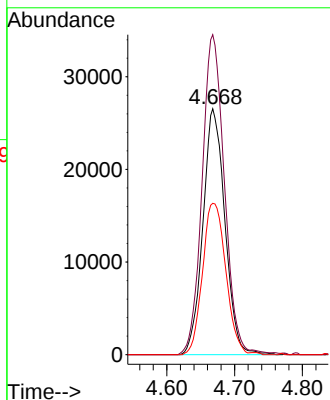
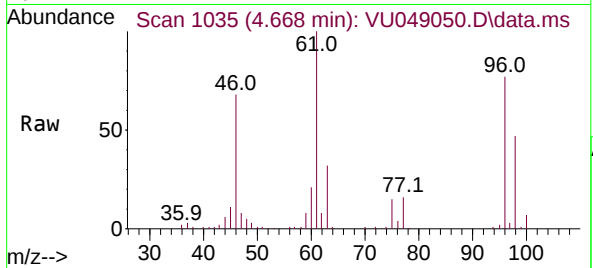




#22
 cis-1,2-Dichloroethene
 Concen: 6.105 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU049050.D
 Acq: 11 Jun 2022 13:19

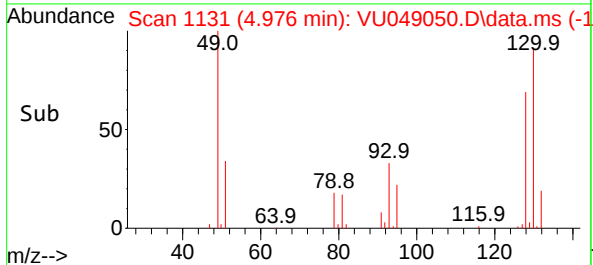
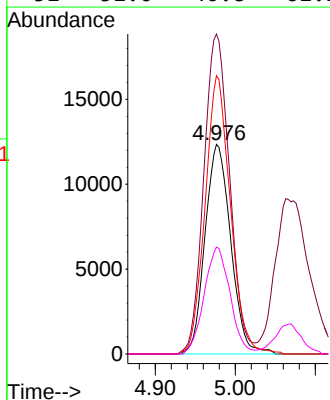
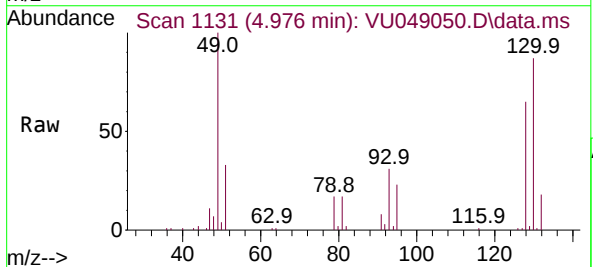
Instrument :
 MSVOA_U
 ClientSampleId :

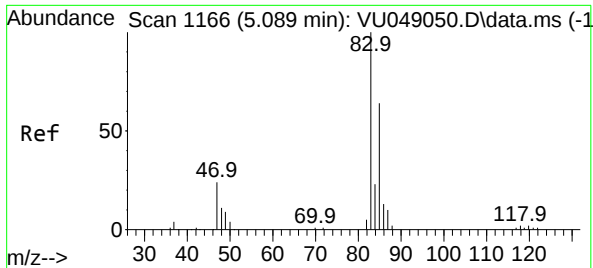
Tgt Ion: 96 Resp: 59955
 Ion Ratio Lower Upper
 96 100
 61 130.1 91.1 169.1
 98 61.5 43.0 80.0



#23
 Bromochloromethane
 Concen: 5.690 ug/L
 RT: 4.976 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU049050.D
 Acq: 11 Jun 2022 13:19

Tgt Ion: 128 Resp: 27596
 Ion Ratio Lower Upper
 128 100
 49 152.7 106.9 198.5
 130 132.8 93.0 172.6
 51 51.0 40.8 61.2





#25

Chloroform

Concen: 6.193 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

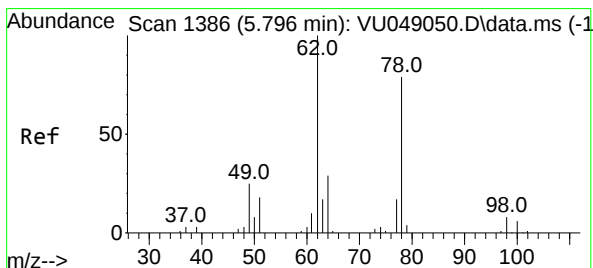
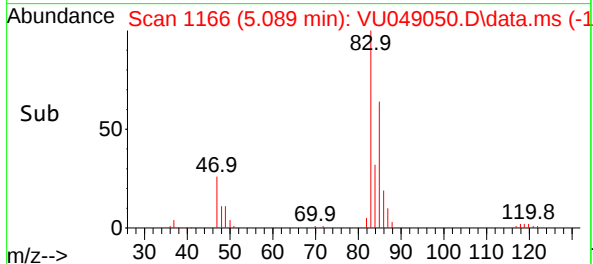
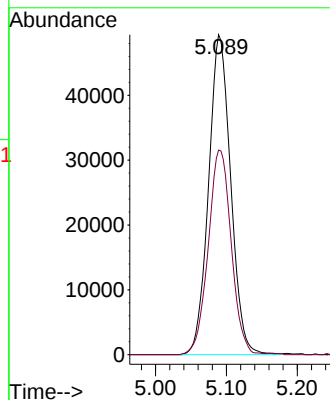
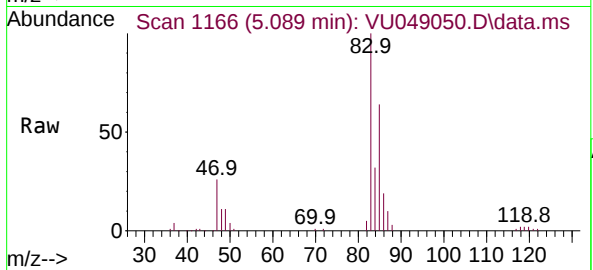
ClientSampleId :

Tgt Ion: 83 Resp: 107014

Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1



#27

1,2-Dichloroethane

Concen: 6.456 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049050.D

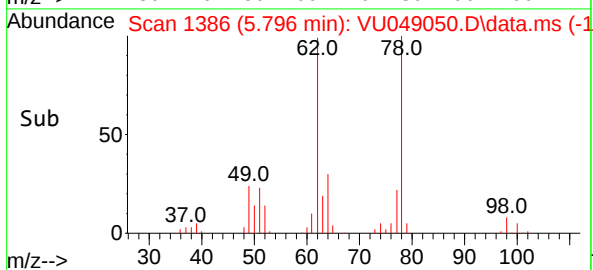
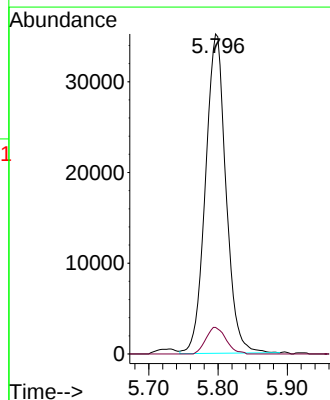
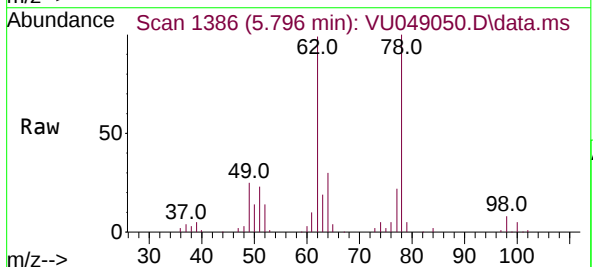
Acq: 11 Jun 2022 13:19

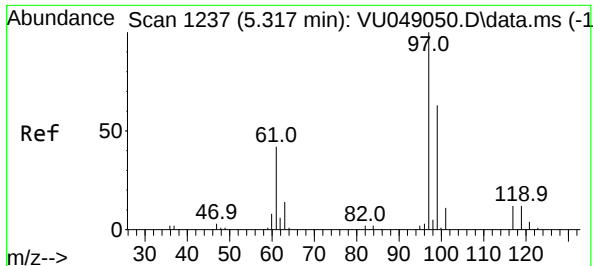
Tgt Ion: 62 Resp: 72234

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 6.719 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

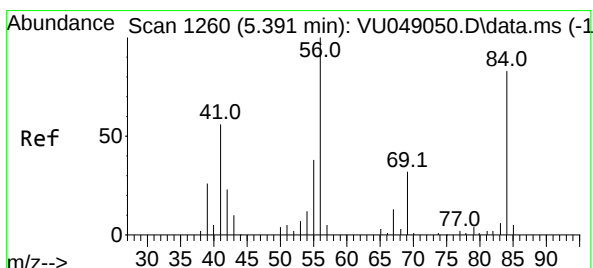
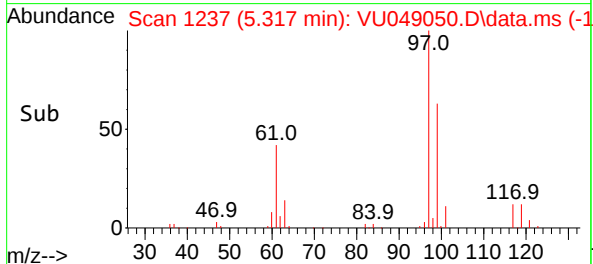
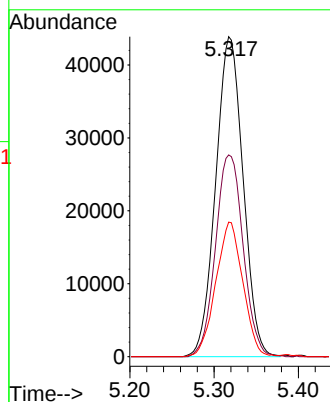
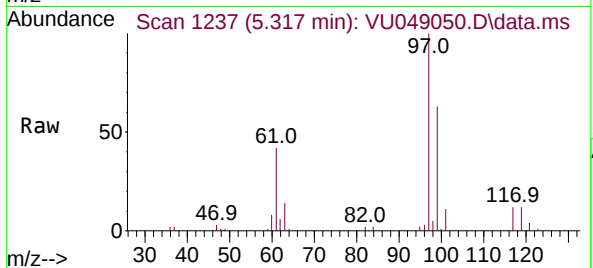
Tgt Ion: 97 Resp: 99212

Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 41.5 33.2 49.8



#30

Cyclohexane

Concen: 6.816 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

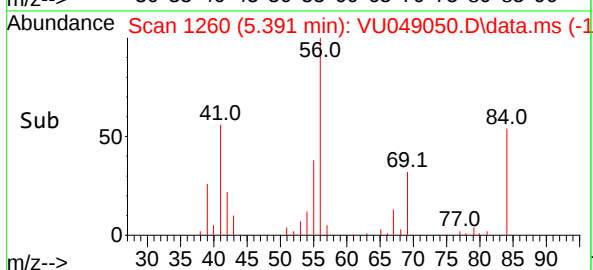
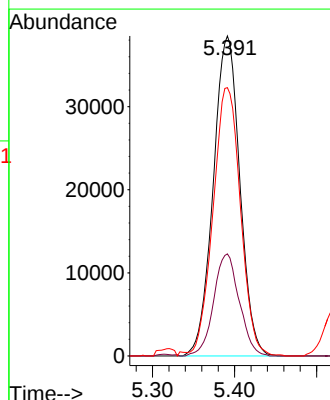
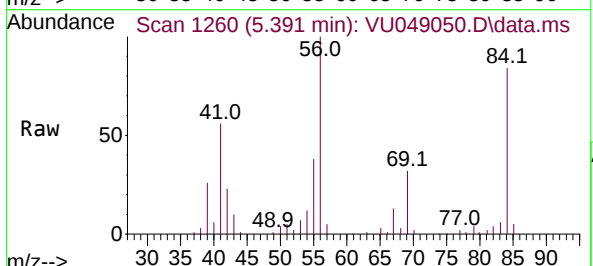
Tgt Ion: 56 Resp: 86815

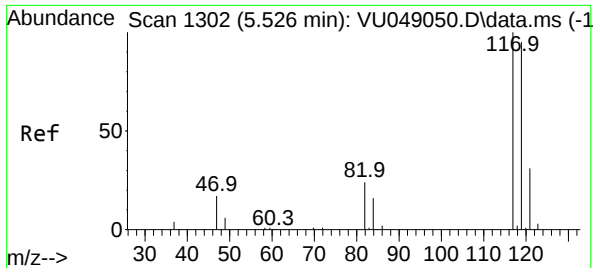
Ion Ratio Lower Upper

56 100

69 30.7 24.6 36.8

84 86.0 68.8 103.2

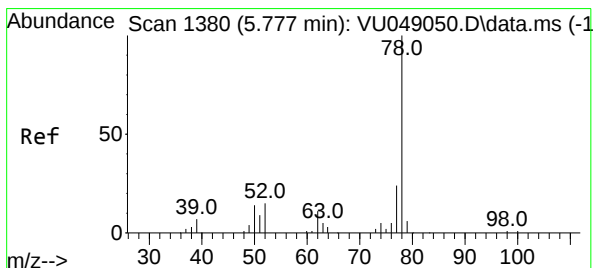
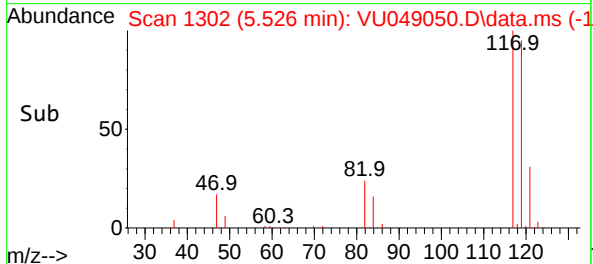
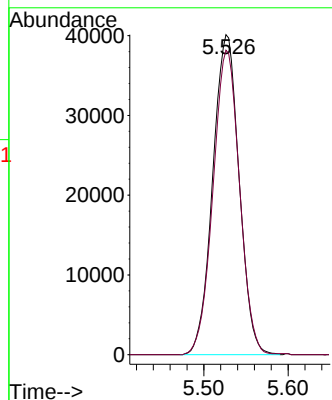
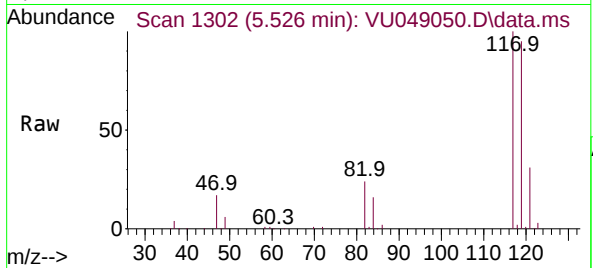




#31
Carbon tetrachloride
Concen: 6.718 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

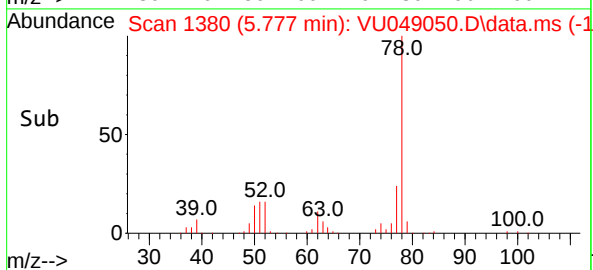
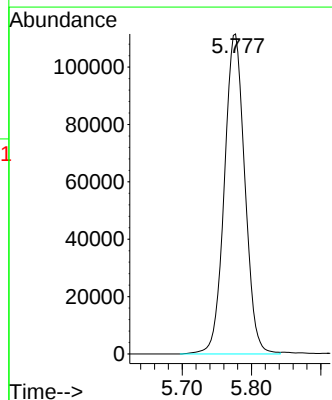
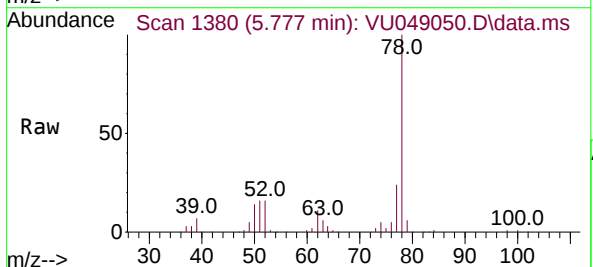
Instrument :
MSVOA_U
ClientSampleId :

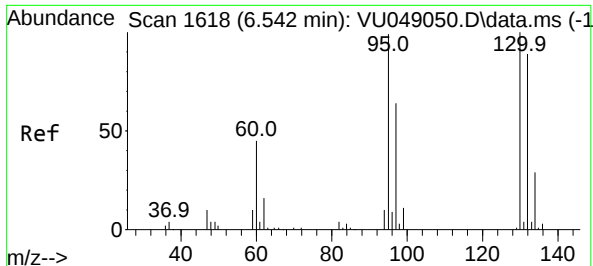
Tgt Ion:117 Resp: 87113
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 6.259 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion: 78 Resp: 229336





#34

Trichloroethene

Concen: 6.110 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 59015

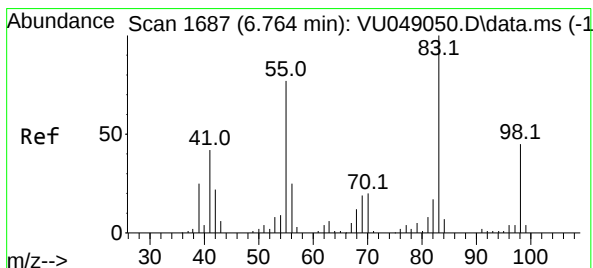
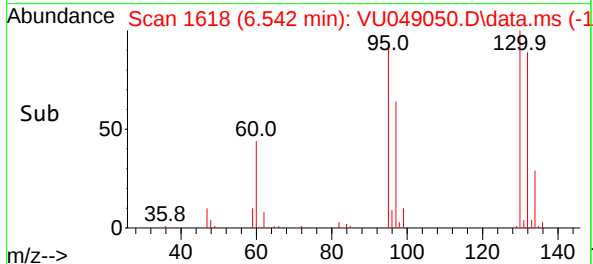
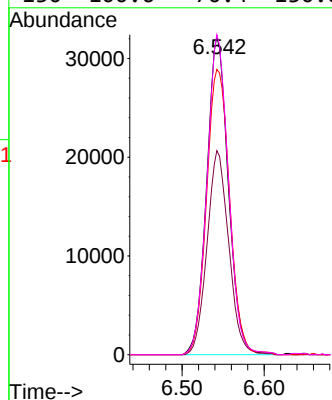
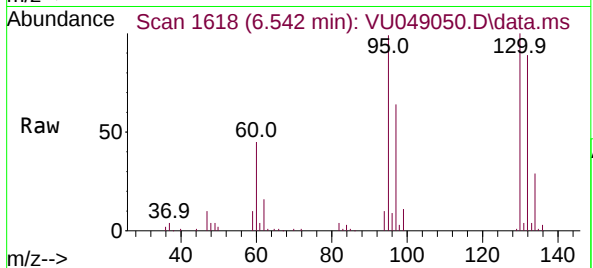
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.5

132 89.7 62.8 116.6

130 100.6 70.4 130.8



#35

Methylcyclohexane

Concen: 6.642 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

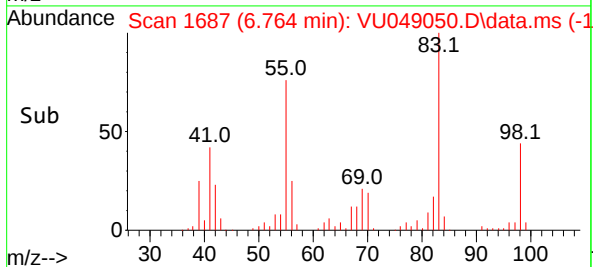
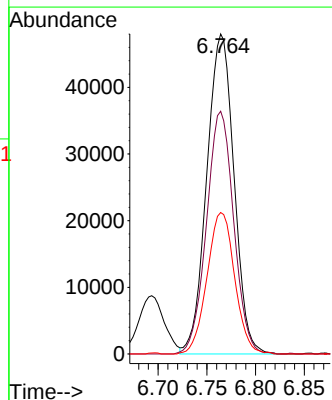
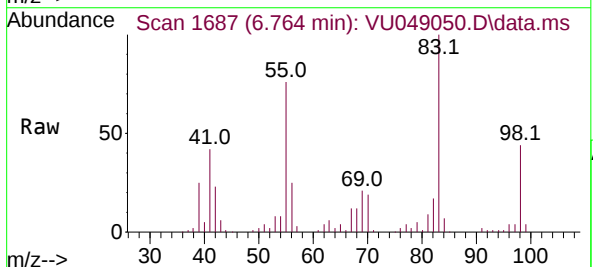
Tgt Ion: 83 Resp: 93565

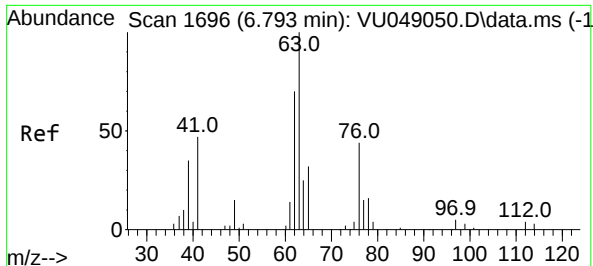
Ion Ratio Lower Upper

83 100

55 75.7 60.6 90.8

98 44.8 35.8 53.8





#37

1,2-Dichloropropane

Concen: 6.349 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

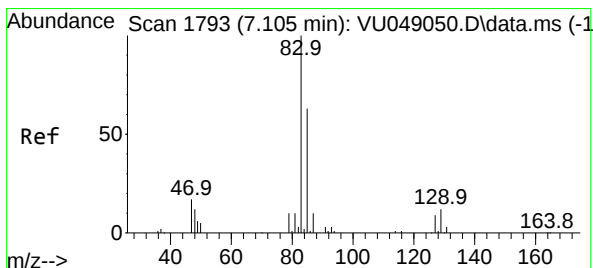
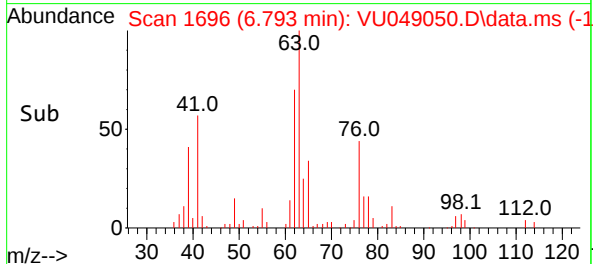
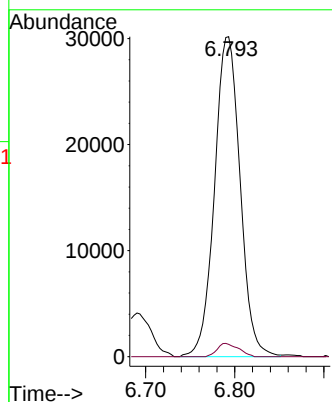
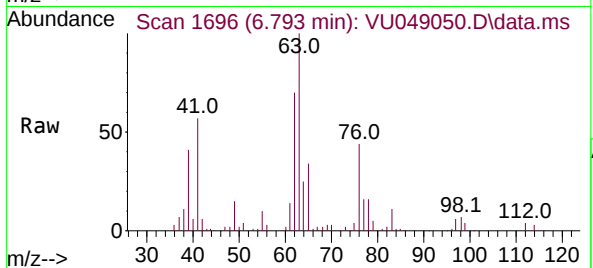
ClientSampleId :

Tgt Ion: 63 Resp: 60168

Ion Ratio Lower Upper

63 100

112 3.5 2.8 4.2



#38

Bromodichloromethane

Concen: 6.208 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

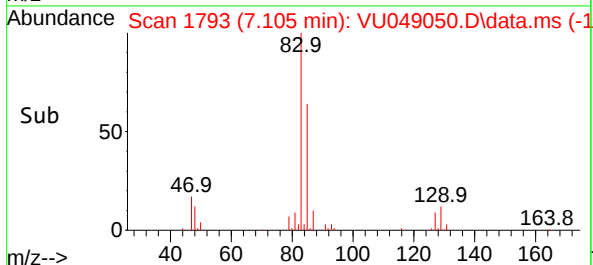
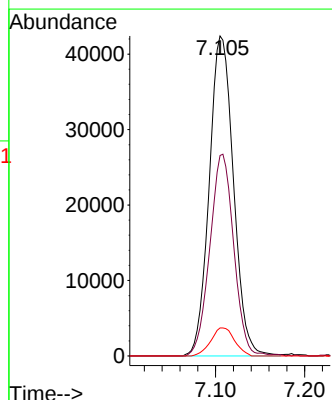
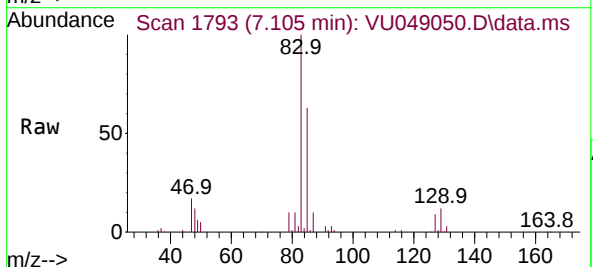
Tgt Ion: 83 Resp: 80112

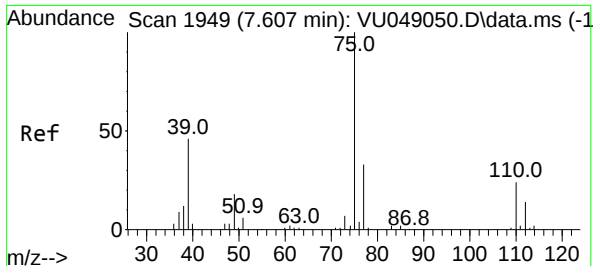
Ion Ratio Lower Upper

83 100

85 62.6 43.8 81.4

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.839 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

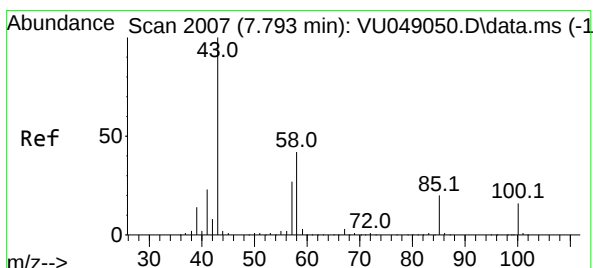
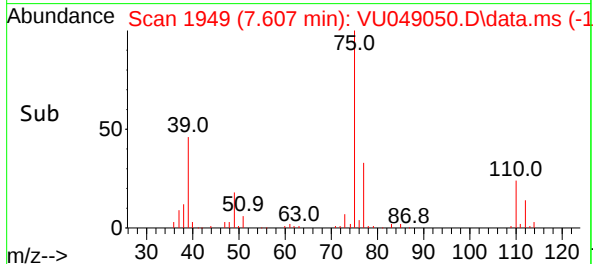
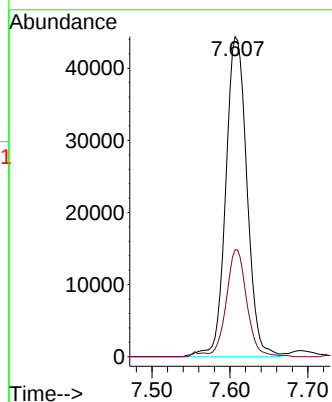
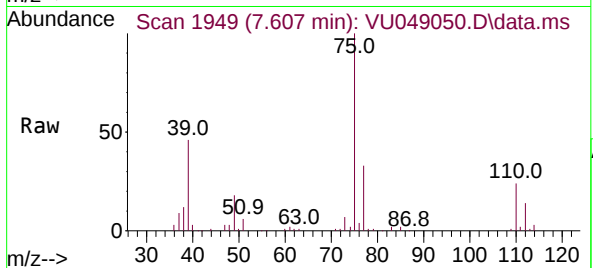
ClientSampleId :

Tgt Ion: 75 Resp: 83767

Ion Ratio Lower Upper

75 100

77 33.4 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 58.572 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

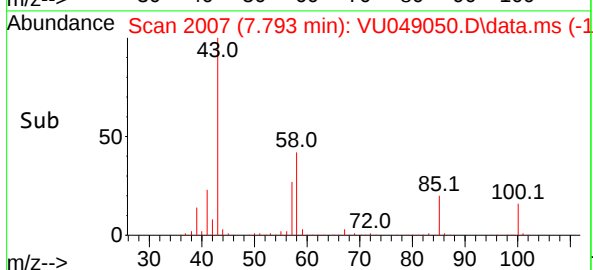
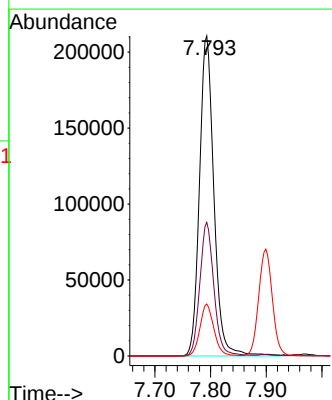
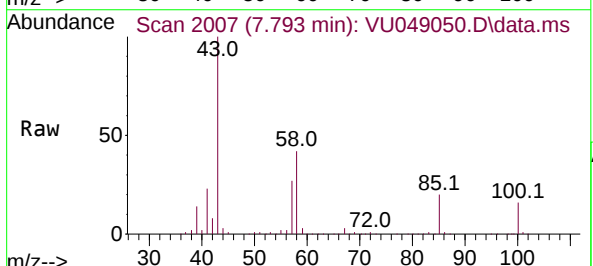
Tgt Ion: 43 Resp: 379165

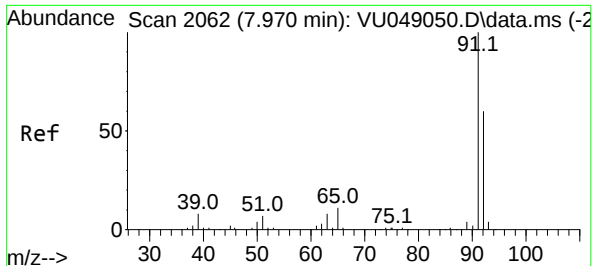
Ion Ratio Lower Upper

43 100

58 40.8 32.6 49.0

100 15.7 12.6 18.8





#42

Toluene

Concen: 6.215 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

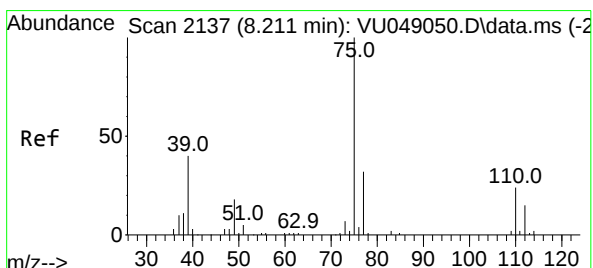
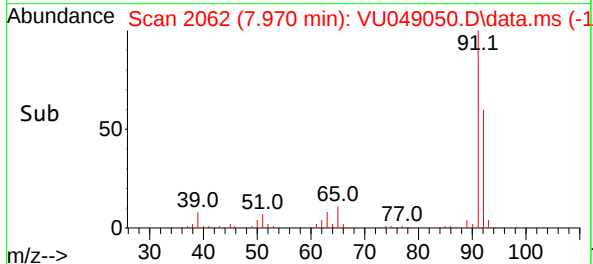
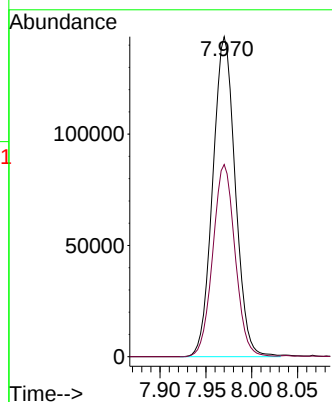
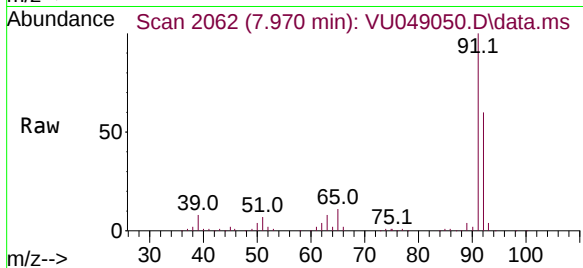
ClientSampleId :

Tgt Ion: 91 Resp: 245592

Ion Ratio Lower Upper

91 100

92 60.1 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 5.905 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049050.D

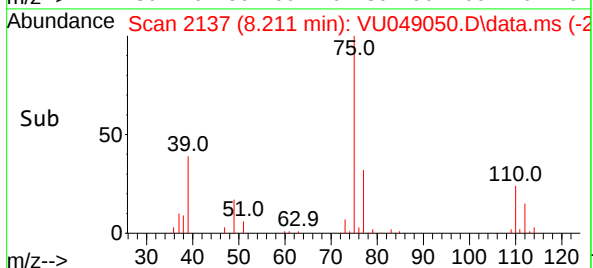
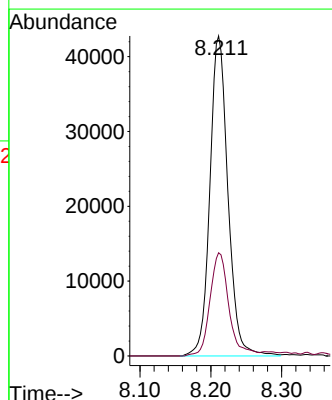
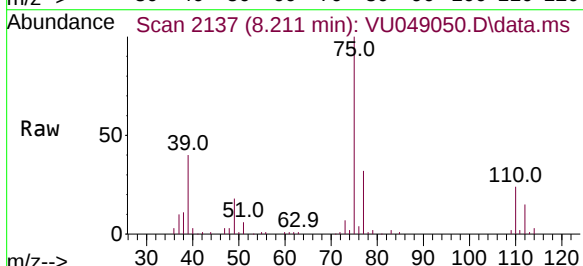
Acq: 11 Jun 2022 13:19

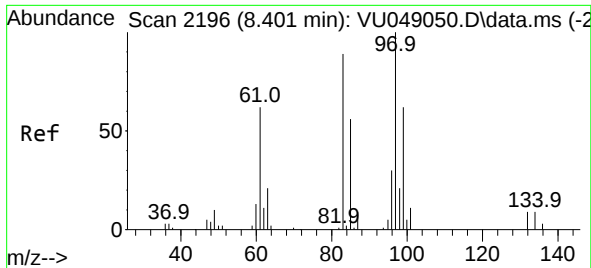
Tgt Ion: 75 Resp: 75649

Ion Ratio Lower Upper

75 100

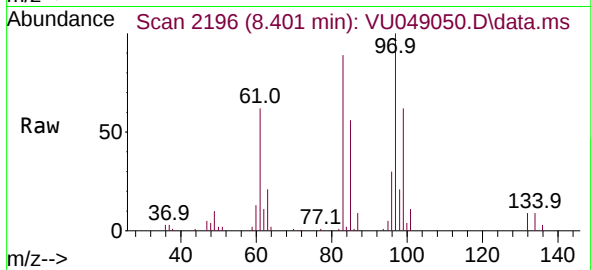
77 32.3 22.6 42.0



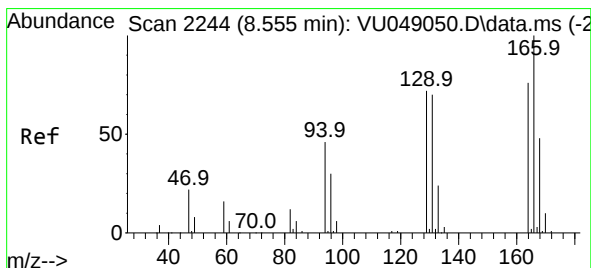
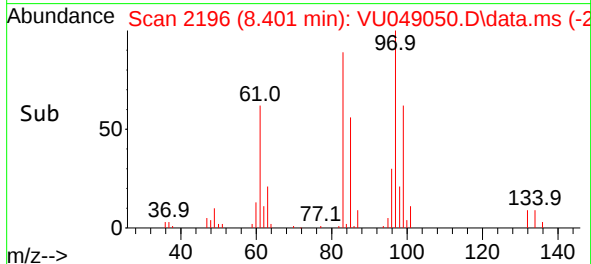
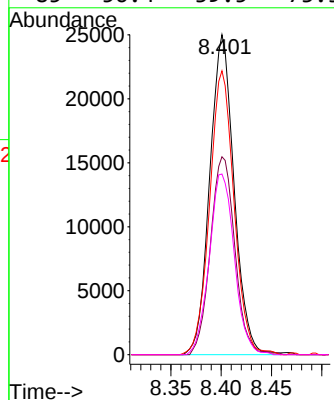


#45
1,1,2-Trichloroethane
Concen: 5.413 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Instrument :
MSVOA_U
ClientSampleId :

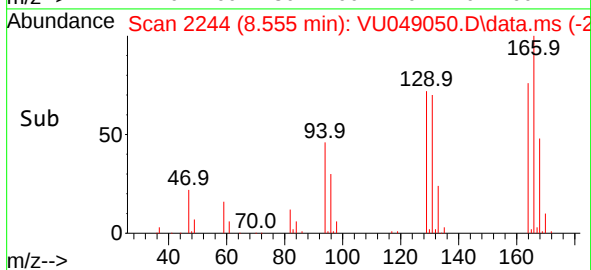
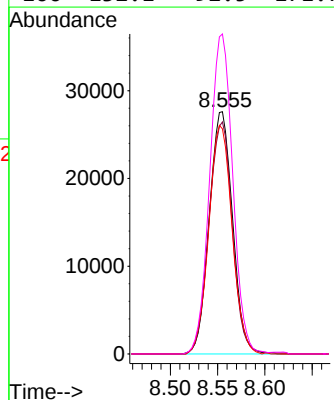
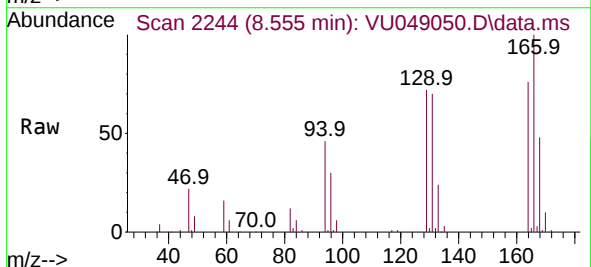


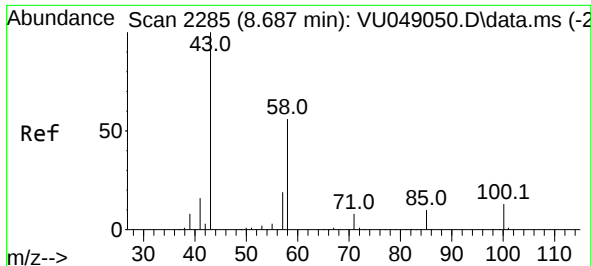
Tgt Ion:	97	Resp:	41970
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.5
83	88.7	62.1	115.3
85	56.4	39.5	73.3



#47
Tetrachloroethene
Concen: 5.875 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion:	164	Resp:	47418
Ion	Ratio	Lower	Upper
164	100		
129	95.7	67.0	124.4
131	92.9	65.0	120.8
166	132.1	92.5	171.7



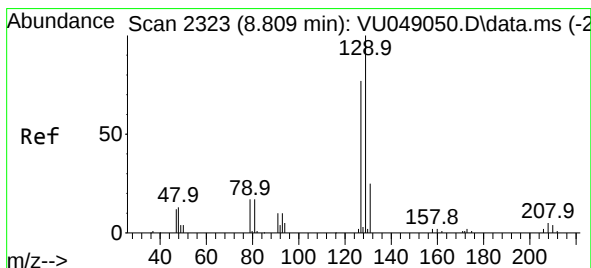
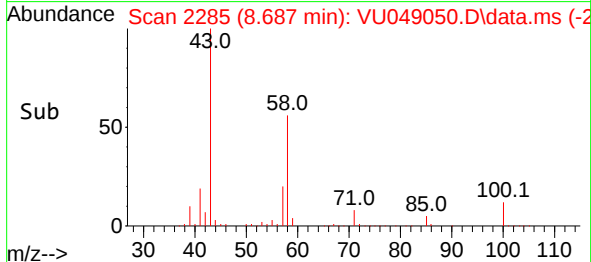
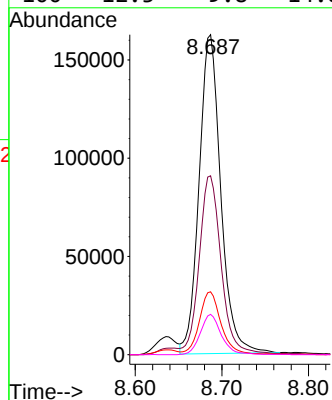
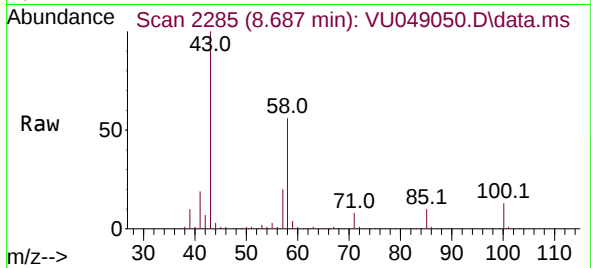


#48
2-Hexanone
Concen: 57.661 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 282753

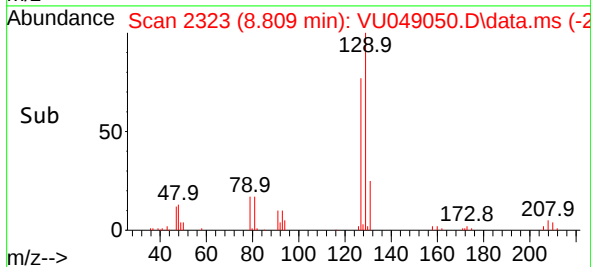
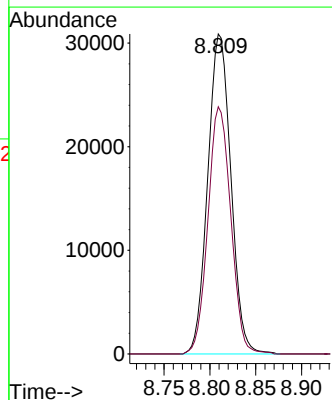
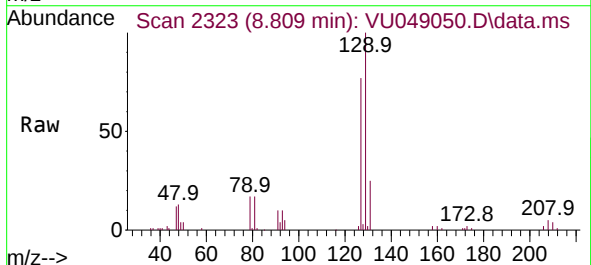
Ion	Ratio	Lower	Upper
43	100		
58	56.2	45.0	67.4
57	19.9	15.9	23.9
100	12.3	9.8	14.8

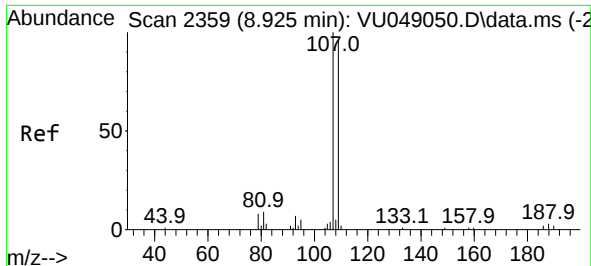


#49
Dibromochloromethane
Concen: 5.644 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion: 129 Resp: 54203

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.475 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU049050.D

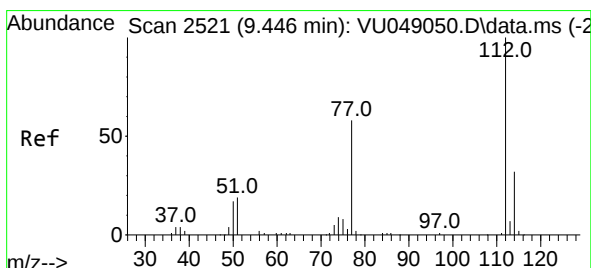
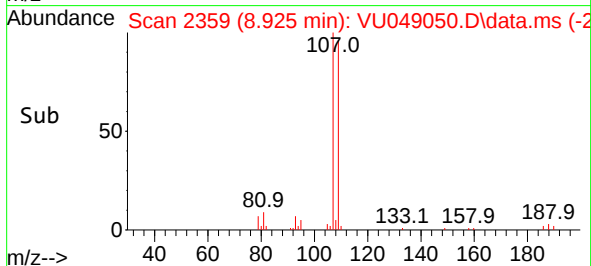
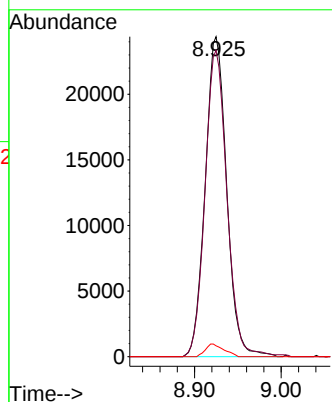
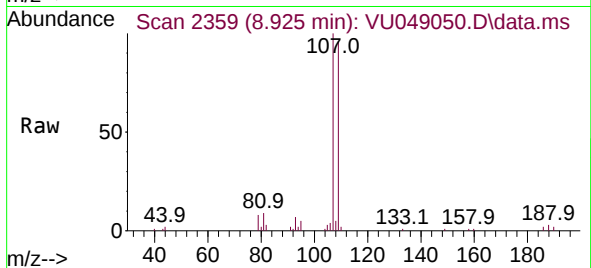
Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	41982
Ion	Ratio	Lower	Upper
107	100		
109	95.7	67.0	124.4
188	3.4	2.7	4.1



#51

Chlorobenzene

Concen: 5.899 ug/L

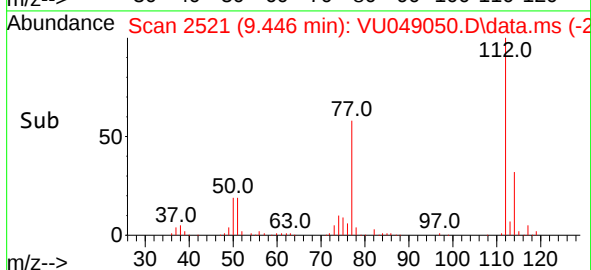
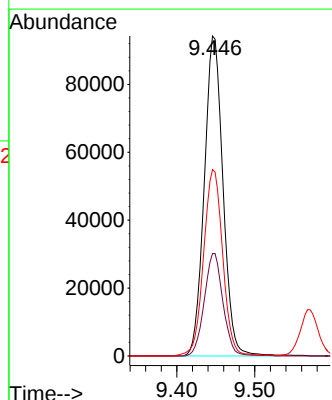
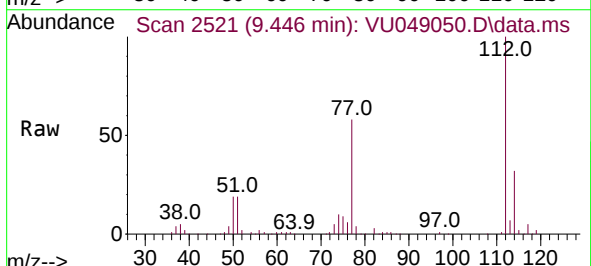
RT: 9.446 min Scan# 2521

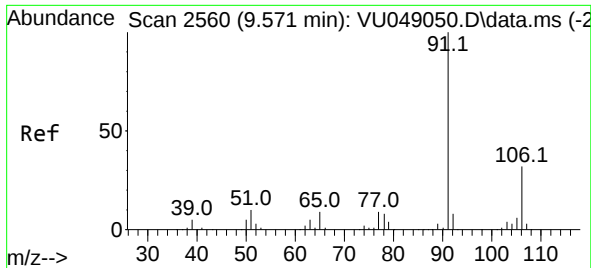
Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Tgt Ion:	112	Resp:	157318
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.4	41.6
77	58.3	46.6	70.0

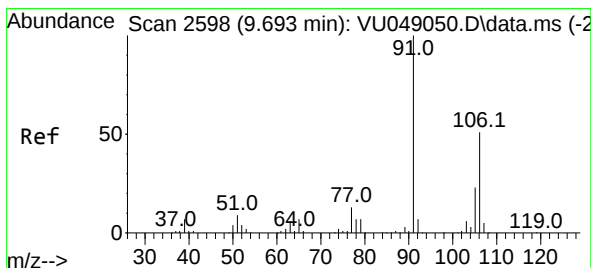
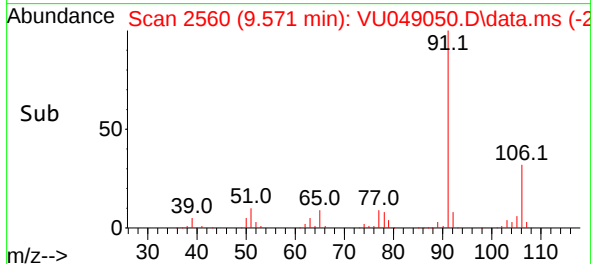
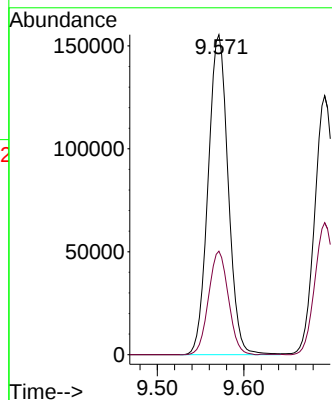
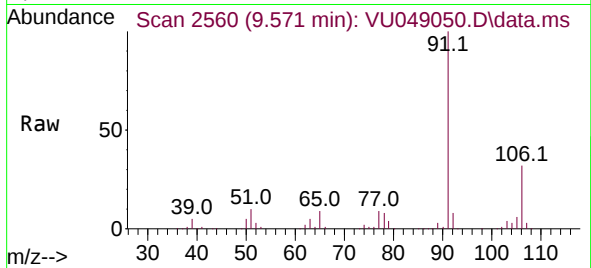




#52
Ethylbenzene
Concen: 6.000 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

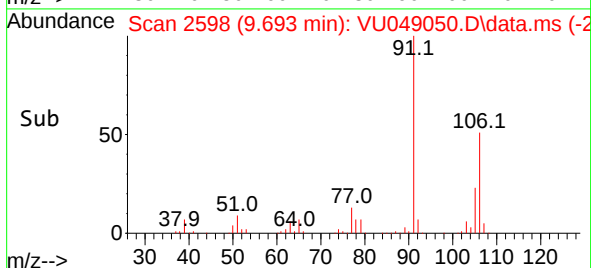
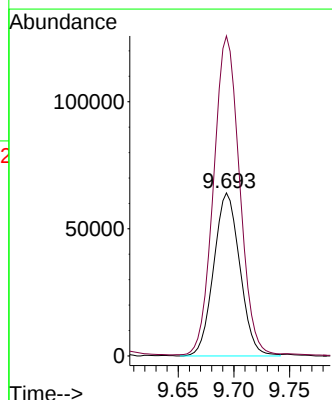
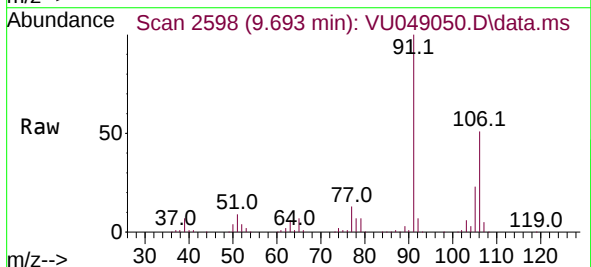
Instrument :
MSVOA_U
ClientSampleId :

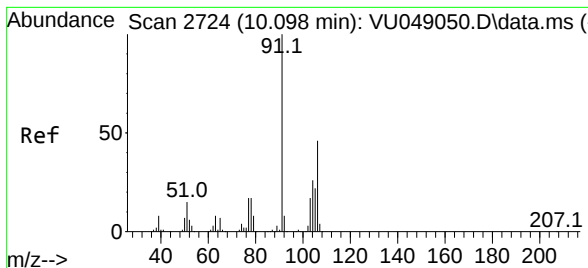
Tgt Ion: 91 Resp: 249144
Ion Ratio Lower Upper
91 100
106 32.4 22.7 42.1



#53
m,p-Xylene
Concen: 6.412 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion: 106 Resp: 104740
Ion Ratio Lower Upper
106 100
91 196.3 137.4 255.2





#54

o-Xylene

Concen: 6.180 ug/L

RT: 10.098 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

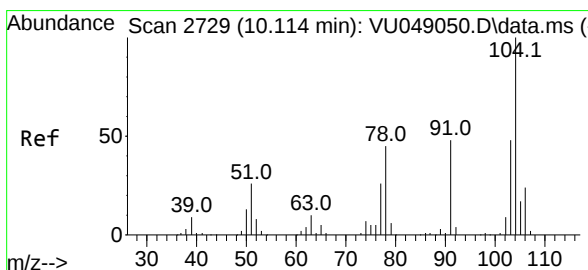
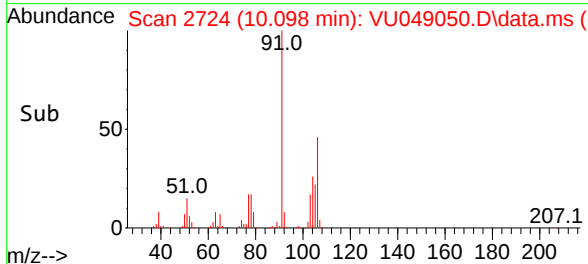
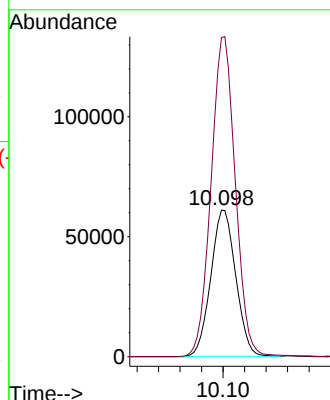
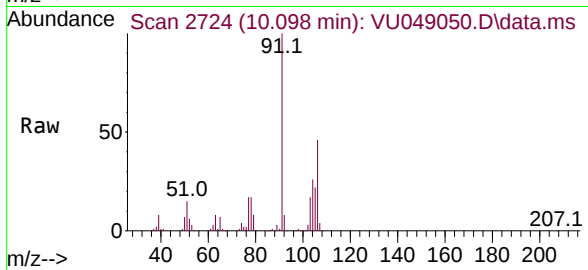
ClientSampleId :

Tgt Ion:106 Resp: 98750

Ion Ratio Lower Upper

106 100

91 217.8 152.5 283.1



#55

Styrene

Concen: 6.182 ug/L

RT: 10.114 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049050.D

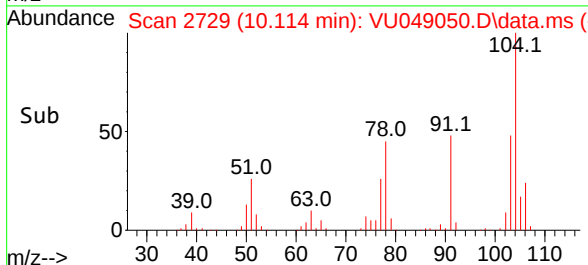
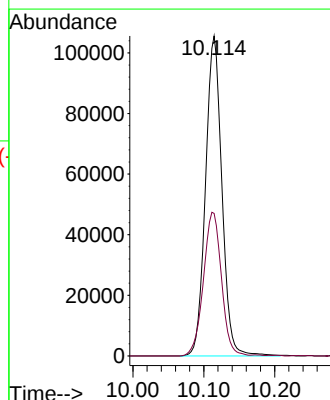
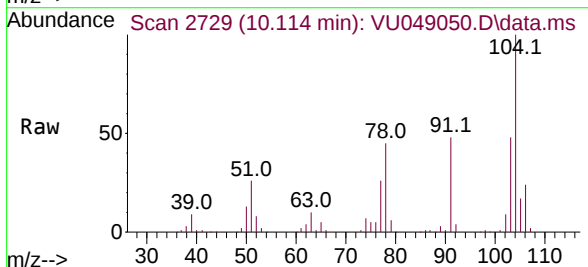
Acq: 11 Jun 2022 13:19

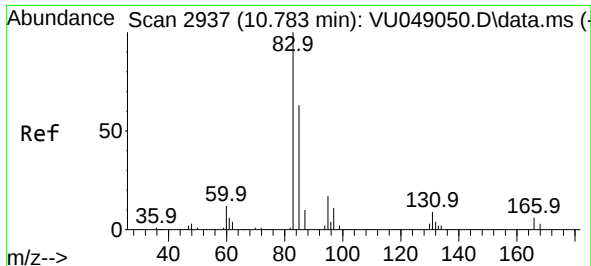
Tgt Ion:104 Resp: 169465

Ion Ratio Lower Upper

104 100

78 44.5 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.297 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

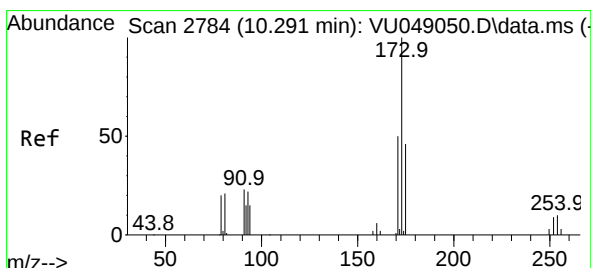
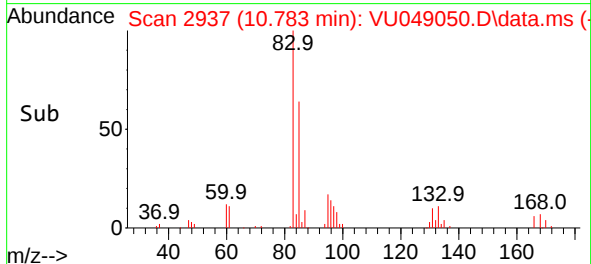
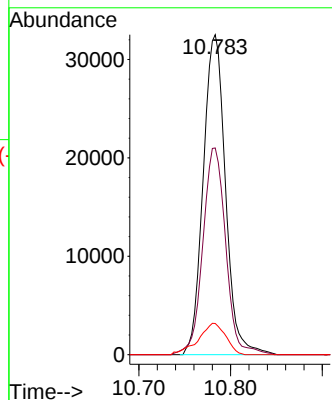
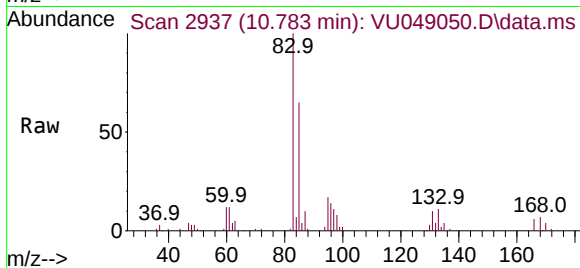
Tgt Ion: 83 Resp: 54901

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

131 9.7 7.8 11.6



#59

Bromoform

Concen: 5.473 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

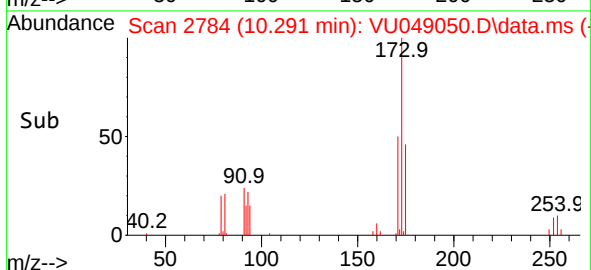
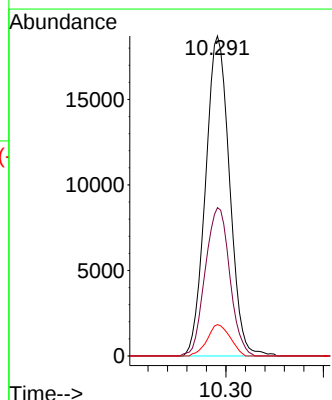
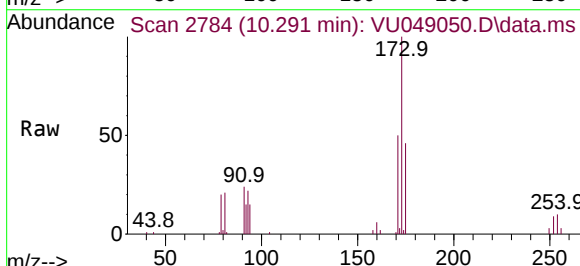
Tgt Ion:173 Resp: 31956

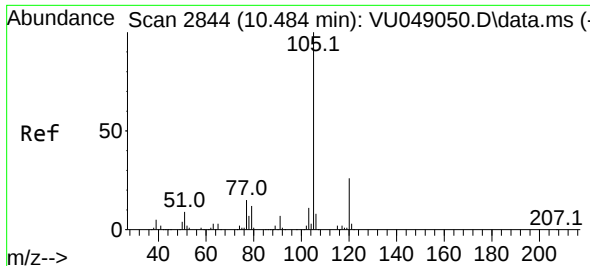
Ion Ratio Lower Upper

173 100

175 47.4 37.9 56.9

254 9.4 7.5 11.3

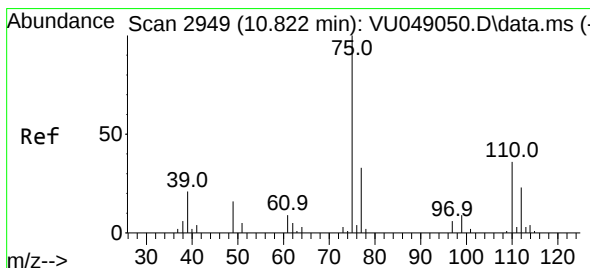
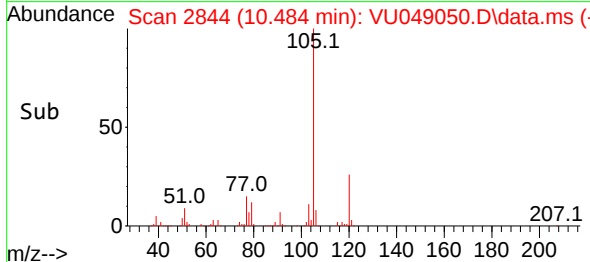
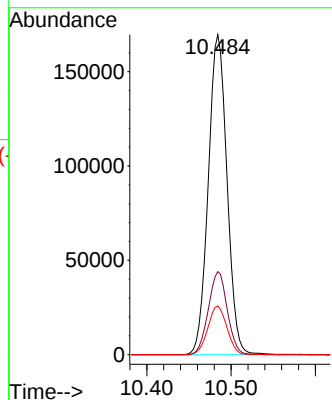
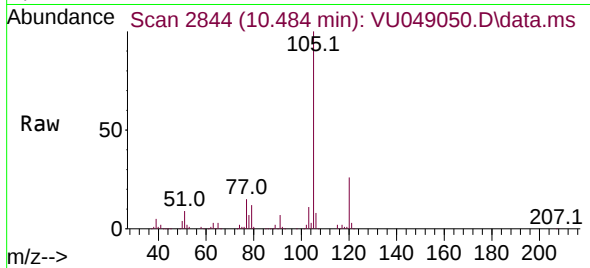




#60
Isopropylbenzene
Concen: 6.631 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

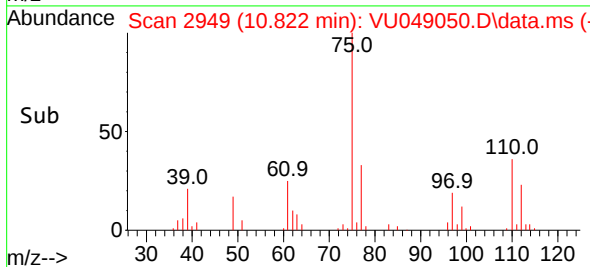
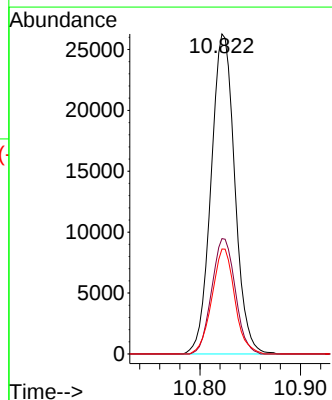
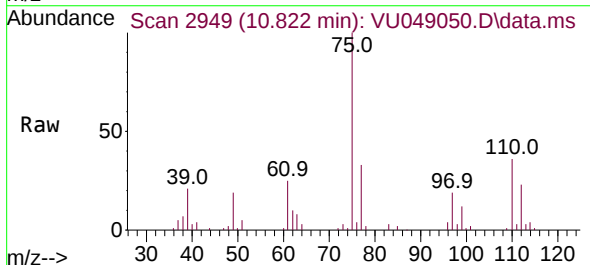
Instrument :
MSVOA_U
ClientSampleId :

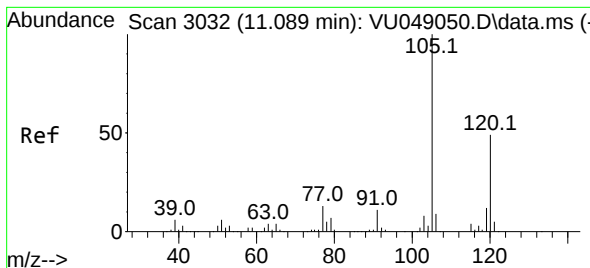
Tgt Ion:105 Resp: 262125
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.964 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion: 75 Resp: 42970
Ion Ratio Lower Upper
75 100
110 35.8 28.6 43.0
77 31.7 25.4 38.0





#62

1,3,5-Trimethylbenzene

Concen: 7.968 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

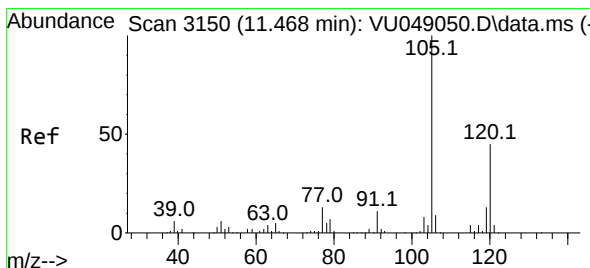
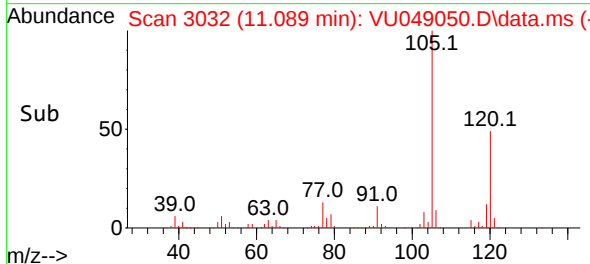
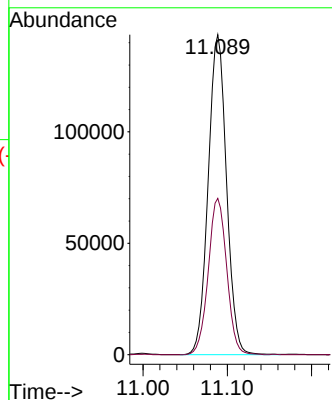
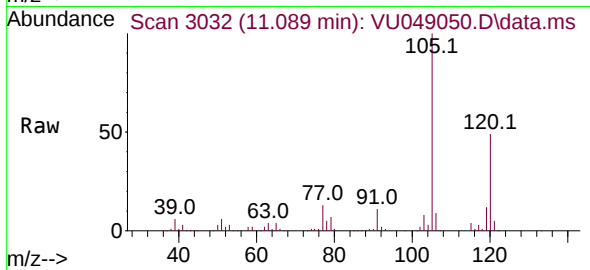
ClientSampleId :

Tgt Ion:105 Resp: 217349

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 6.670 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049050.D

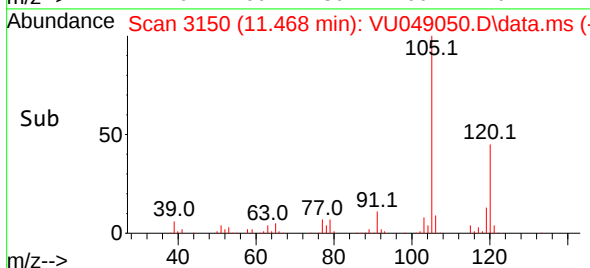
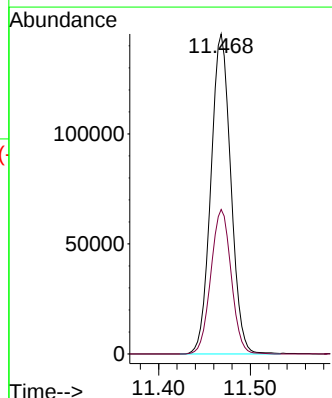
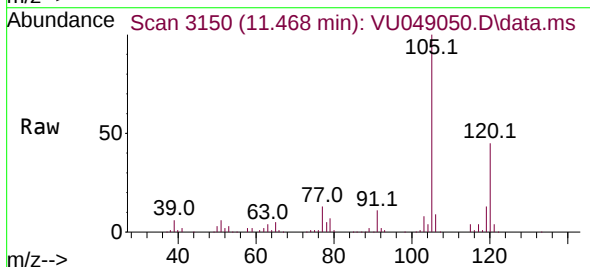
Acq: 11 Jun 2022 13:19

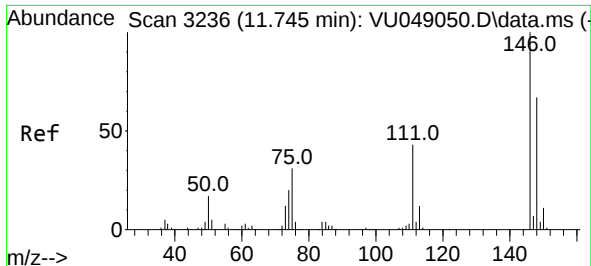
Tgt Ion:105 Resp: 219673

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1

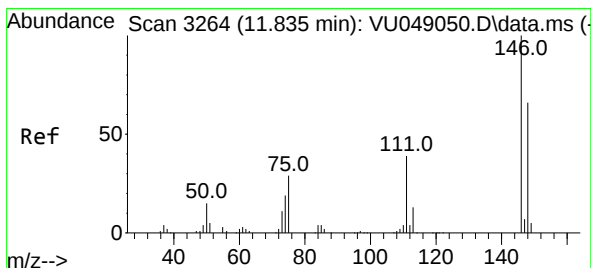
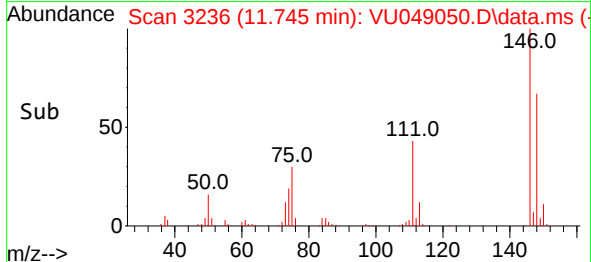
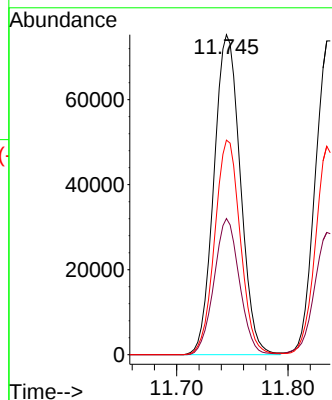
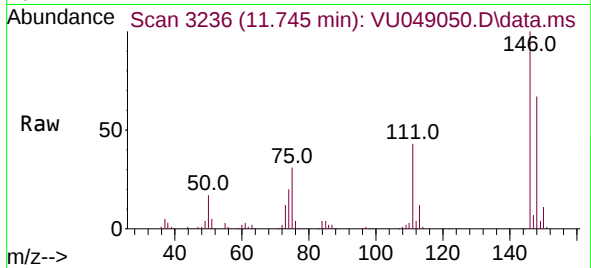




#64
1,3-Dichlorobenzene
Concen: 5.827 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

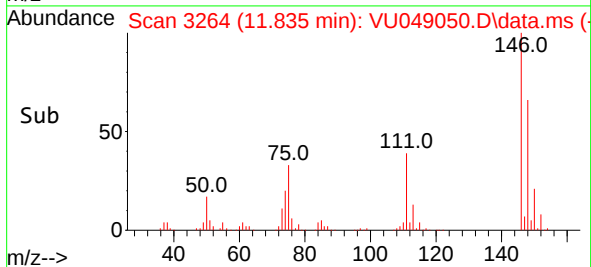
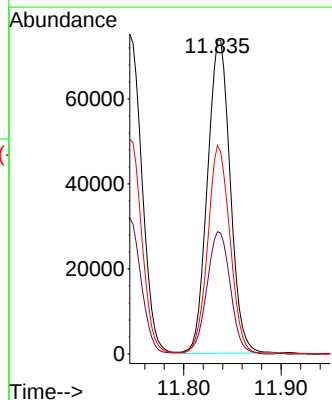
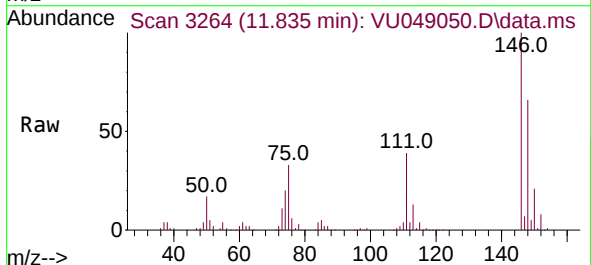
Instrument :
MSVOA_U
ClientSampleId :

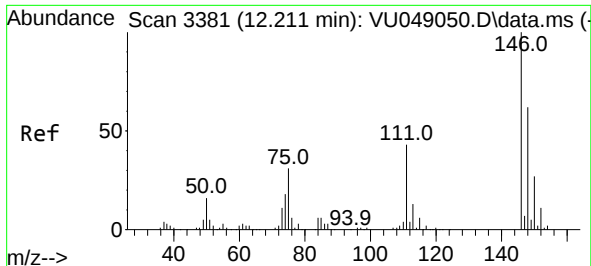
Tgt Ion:146 Resp: 124002
Ion Ratio Lower Upper
146 100
111 42.6 29.8 55.4
148 67.1 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 5.563 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion:146 Resp: 119717
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.6
148 66.4 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 5.720 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

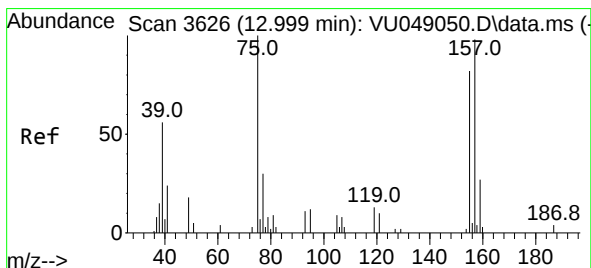
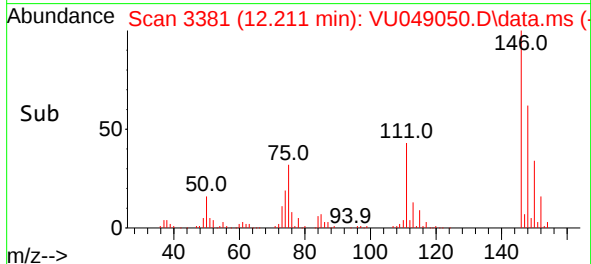
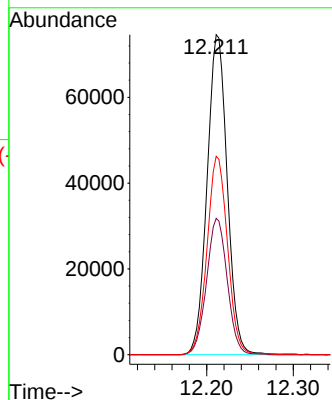
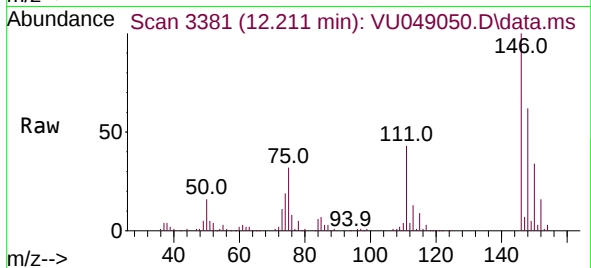
Tgt Ion:146 Resp: 120410

Ion Ratio Lower Upper

146 100

111 42.6 34.1 51.1

148 62.0 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.771 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU049050.D

Acq: 11 Jun 2022 13:19

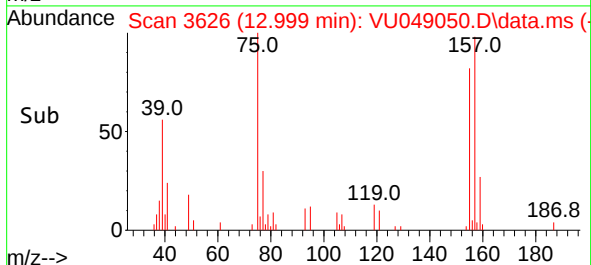
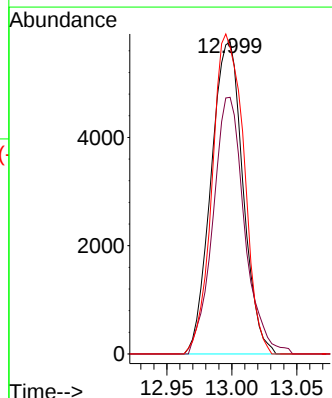
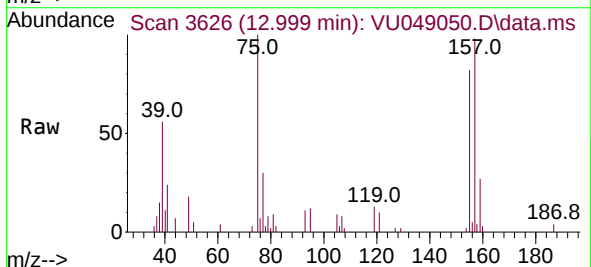
Tgt Ion: 75 Resp: 9846

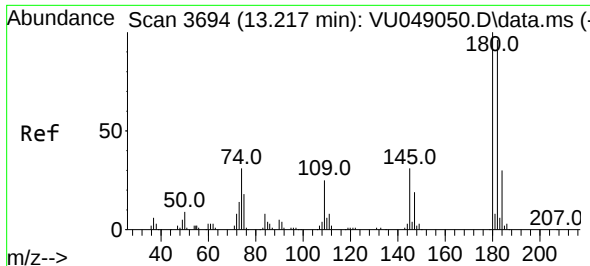
Ion Ratio Lower Upper

75 100

155 82.2 65.8 98.6

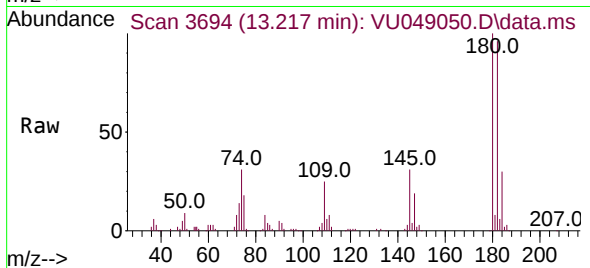
157 98.3 78.6 118.0



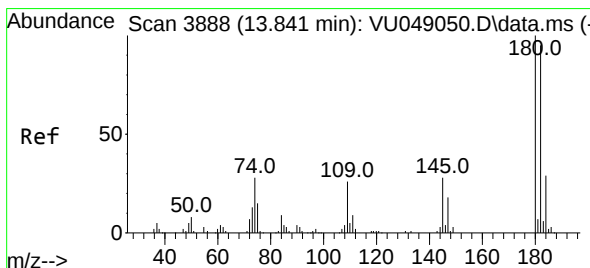
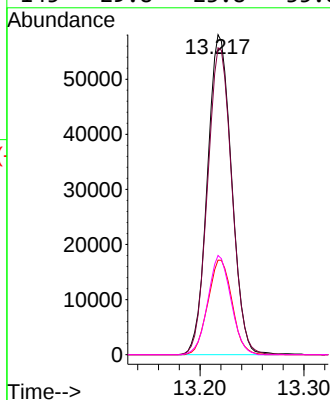
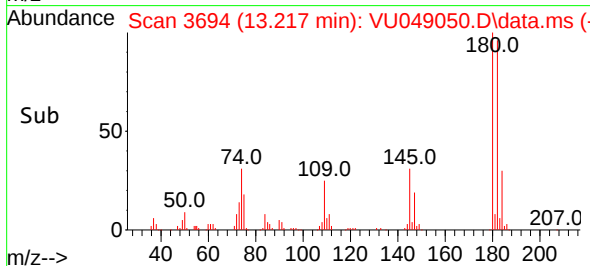


#69
 1,3,5-Trichlorobenzene
 Concen: 5.320 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU049050.D
 Acq: 11 Jun 2022 13:19

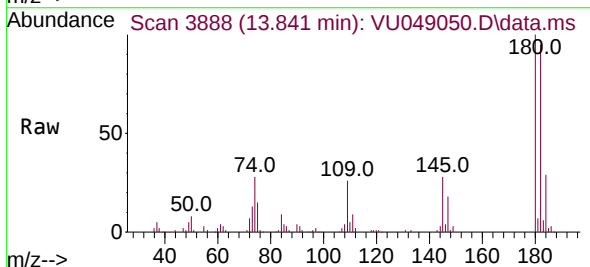
Instrument :
 MSVOA_U
 ClientSampleId :



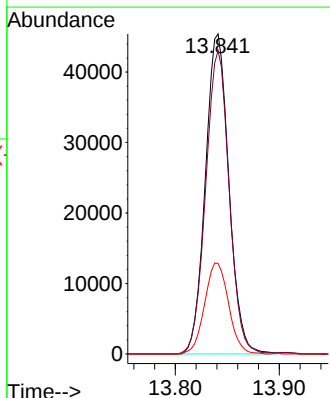
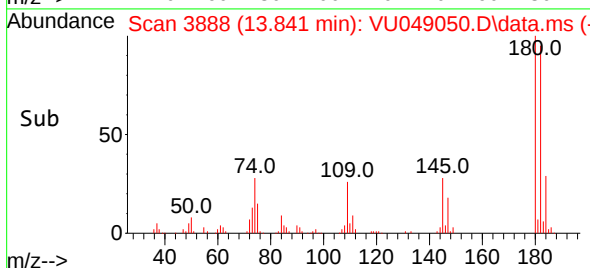
Tgt Ion:180 Resp: 93767
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 184 29.5 23.6 35.4
 145 29.8 23.8 35.8

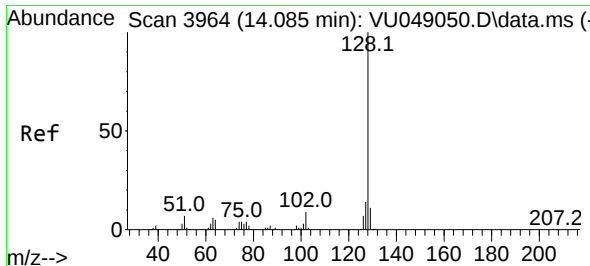


#70
 1,2,4-trichlorobenzene
 Concen: 4.718 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU049050.D
 Acq: 11 Jun 2022 13:19



Tgt Ion:180 Resp: 71485
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 145 28.9 23.1 34.7

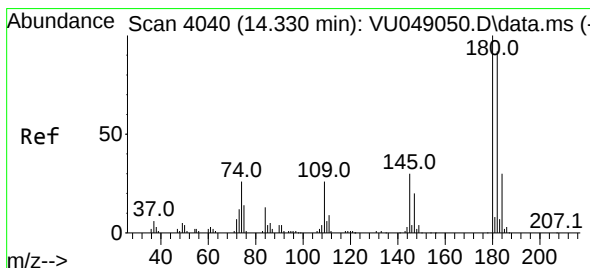
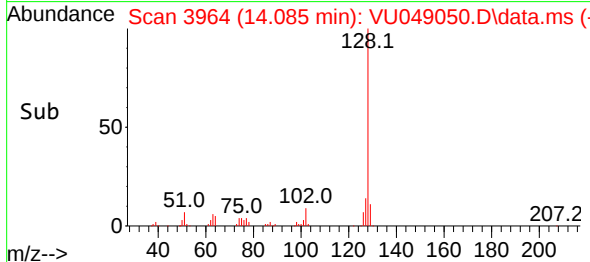
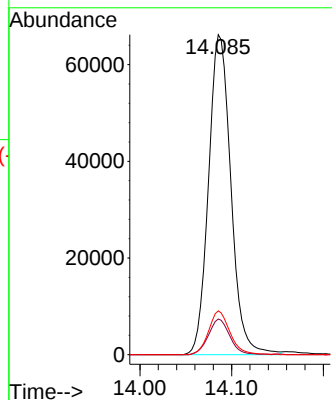
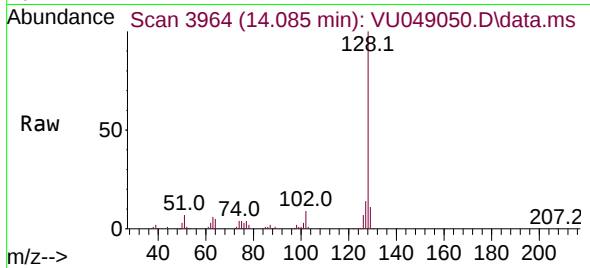




#71
Naphthalene
Concen: 4.052 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 112277
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.1 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.674 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049050.D
Acq: 11 Jun 2022 13:19

Tgt Ion:180 Resp: 68247
Ion Ratio Lower Upper
180 100
182 93.3 74.6 112.0
145 30.5 24.4 36.6

