

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049078.D
 Acq On : 12 Jun 2022 01:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:35:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	147250	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	142251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35063	5.384	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.600%		
7) Chloroethane-d5	1.913	69	40169	5.656	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.200%		
11) 1,1-Dichloroethene-d2	2.568	65	17602	5.177	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.600%		
20) 2-Butanone-d5	4.633	46	151721	46.790	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 93.580%		
24) Chloroform-d	5.064	84	116144	5.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.400%		
26) 1,2-Dichloroethane-d4	5.703	65	62869	5.397	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.000%		
32) Benzene-d6	5.729	84	205854	5.389	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.800%		
36) 1,2-Dichloropropane-d6	6.690	67	69183	5.315	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.400%		
41) Toluene-d8	7.899	98	169673	5.286	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
43) trans-1,3-Dichloroprop...	8.182	79	21788	4.982	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.600%		
46) 2-Hexanone-d5	8.636	63	130172	54.339	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.680%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	62582	5.467	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	70731	5.067	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	89735	5.396	ug/L	98
3) Chloromethane	1.520	50	78802	5.513	ug/L	100
5) Vinyl chloride	1.604	62	75676	5.738	ug/L	97
6) Bromomethane	1.858	94	40368	5.304	ug/L	97
8) Chloroethane	1.935	64	39245	5.567	ug/L	99
9) Trichlorofluoromethane	2.141	101	102826	5.815	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	53801	5.751	ug/L	99
12) 1,1-Dichloroethene	2.581	96	52472	5.760	ug/L	94
13) Acetone	2.642	43	69882	41.636	ug/L	97
14) Carbon disulfide	2.793	76	173114	5.522	ug/L	99
15) Methyl Acetate	2.954	43	18785	4.343	ug/L	95
16) Methylene chloride	3.047	84	59747	5.336	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	124451	5.092	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	55242	5.563	ug/L	98
19) 1,1-Dichloroethane	3.871	63	105372	5.537	ug/L	99
21) 2-Butanone	4.710	43	122079	41.656	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	59411	5.054	ug/L	96
23) Bromochloromethane	4.977	128	28122	5.526	ug/L	97
25) Chloroform	5.089	83	109447	5.437	ug/L	94

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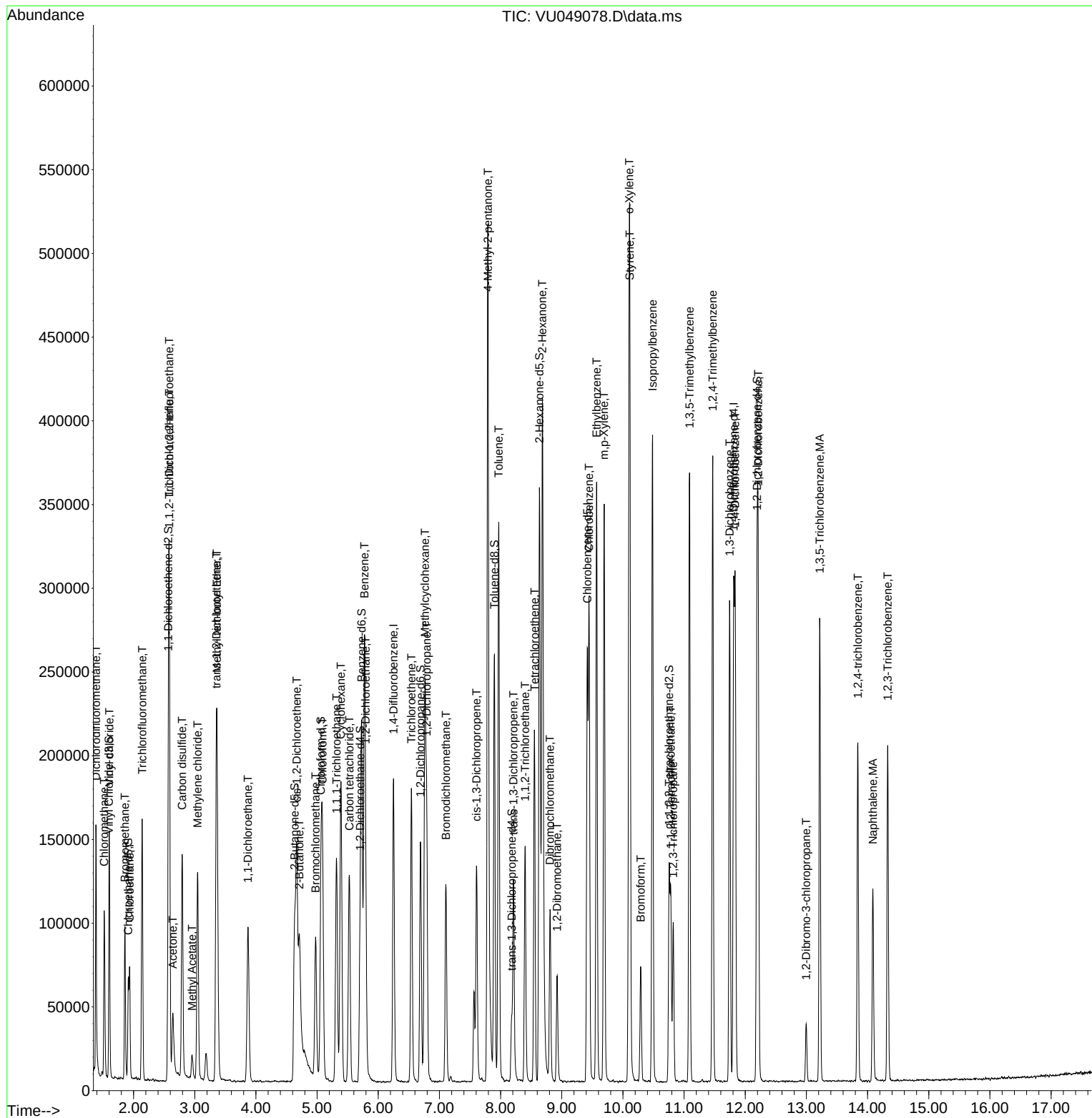
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	71105	5.284	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	100161	5.504	ug/L	99
30) Cyclohexane	5.388	56	84361	5.326	ug/L	97
31) Carbon tetrachloride	5.527	117	88566	5.483	ug/L	100
33) Benzene	5.774	78	233250	5.472	ug/L	100
34) Trichloroethene	6.543	95	59198	5.376	ug/L	94
35) Methylcyclohexane	6.764	83	86129	5.167	ug/L	97
37) 1,2-Dichloropropane	6.790	63	60212	5.400	ug/L	99
38) Bromodichloromethane	7.105	83	79392	5.313	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	77632	5.085	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	368144	51.872	ug/L	100
42) Toluene	7.970	91	240494	5.555	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	69465	5.059	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	43191	5.454	ug/L	95
47) Tetrachloroethene	8.555	164	46523	5.315	ug/L	96
48) 2-Hexanone	8.684	43	284863	54.037	ug/L	99
49) Dibromochloromethane	8.809	129	54146	5.369	ug/L	97
50) 1,2-Dibromoethane	8.925	107	41337	5.303	ug/L	97
51) Chlorobenzene	9.446	112	150757	5.286	ug/L	99
52) Ethylbenzene	9.571	91	244199	5.493	ug/L	99
53) m,p-Xylene	9.694	106	100211	5.521	ug/L	98
54) o-Xylene	10.102	106	98497	5.645	ug/L	88
55) Styrene	10.115	104	166985	5.725	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	53493	5.201	ug/L	99
59) Bromoform	10.292	173	32985	5.334	ug/L	99
60) Isopropylbenzene	10.485	105	246273	5.308	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	40492	4.979	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	191299	4.926	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	199539	5.145	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	118820	5.145	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	116747	5.197	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	115655	5.197	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	10141	5.253	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	86740	5.021	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	64732	4.748	ug/L	99
71) Naphthalene	14.086	128	98167	3.686	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	62669	4.823	ug/L	96

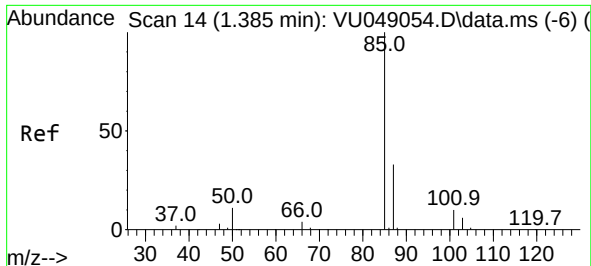
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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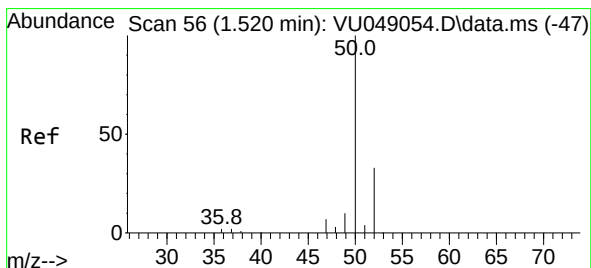
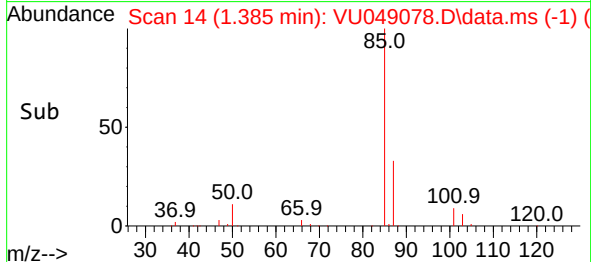
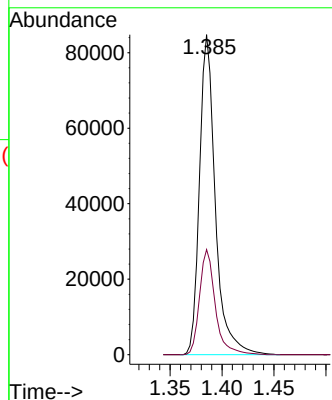
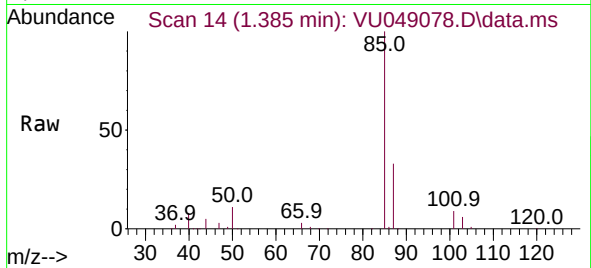




#2
Dichlorodifluoromethane
Concen: 5.396 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

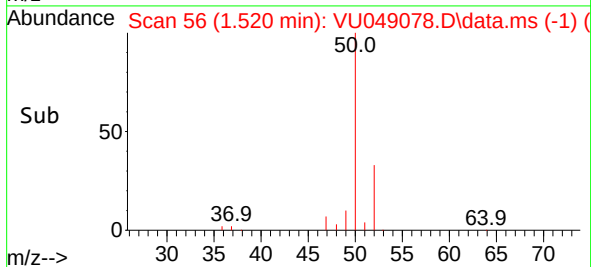
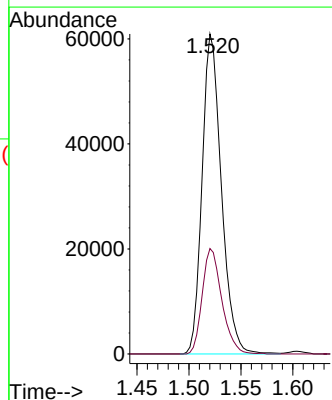
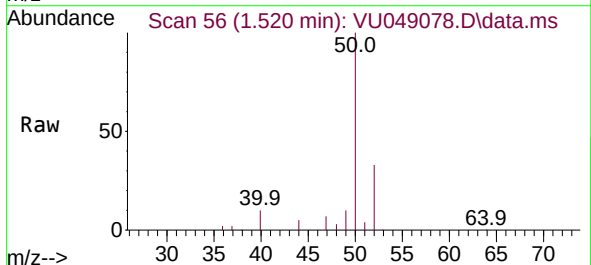
Instrument :
MSVOA_U
ClientSampleId :

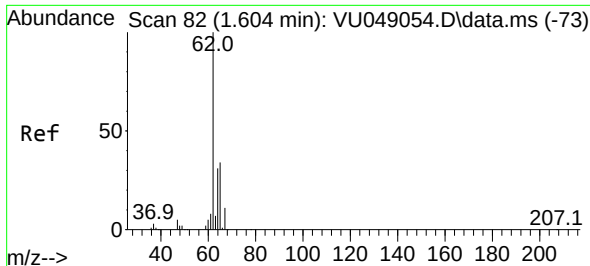
Tgt Ion: 85 Resp: 89735
Ion Ratio Lower Upper
85 100
87 32.7 25.4 38.0



#3
Chloromethane
Concen: 5.513 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

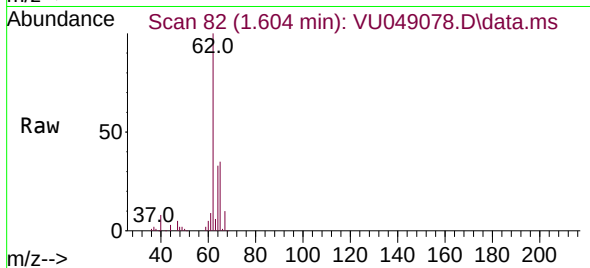
Tgt Ion: 50 Resp: 78802
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.0



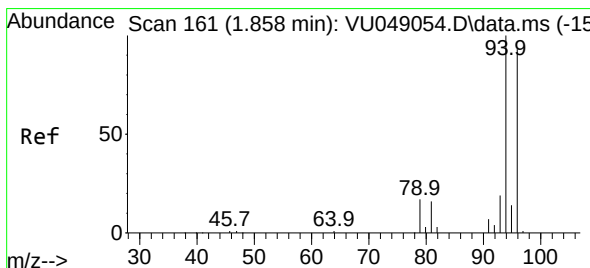
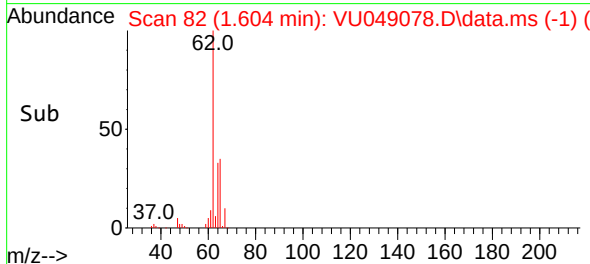
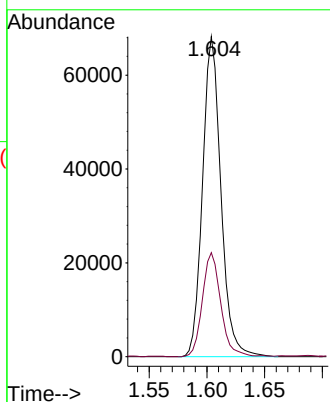


#5
 Vinyl chloride
 Concen: 5.738 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU049078.D
 Acq: 12 Jun 2022 01:51

Instrument :
 MSVOA_U
 ClientSampleId :

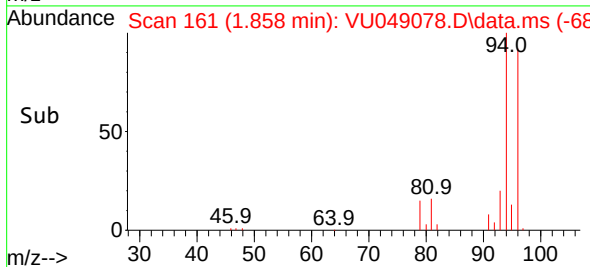
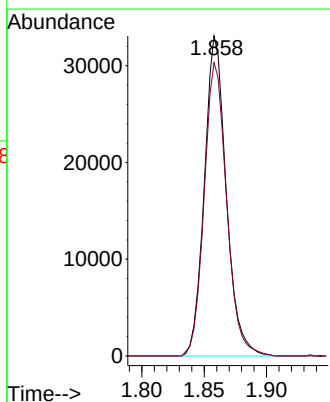
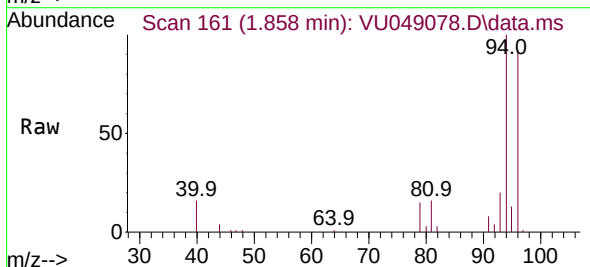


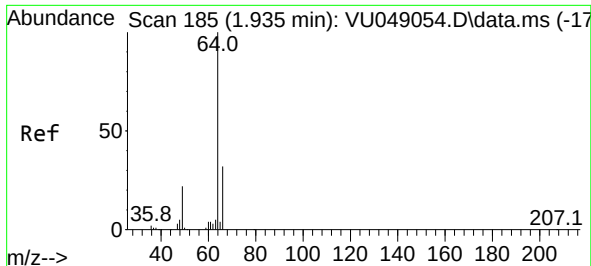
Tgt Ion: 62 Resp: 75676
 Ion Ratio Lower Upper
 62 100
 64 32.5 21.5 39.9



#6
 Bromomethane
 Concen: 5.304 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU049078.D
 Acq: 12 Jun 2022 01:51

Tgt Ion: 94 Resp: 40368
 Ion Ratio Lower Upper
 94 100
 96 91.6 61.9 114.9

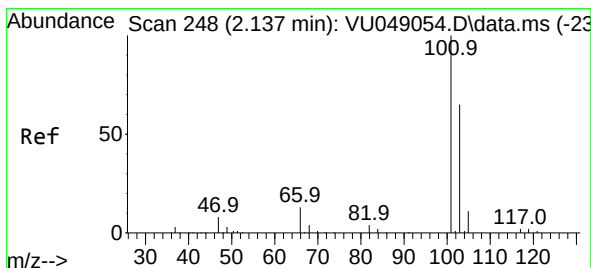
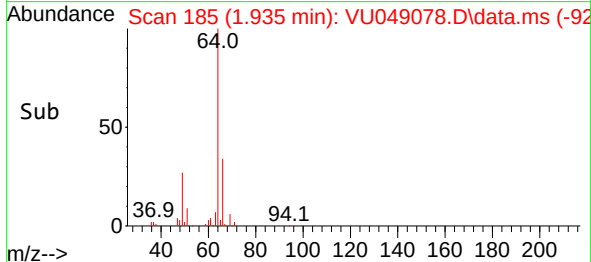
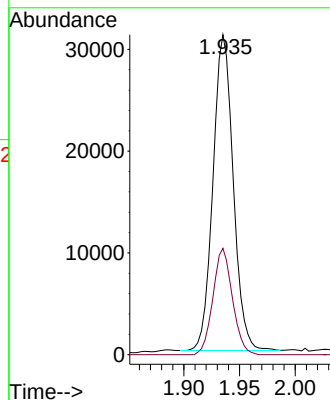
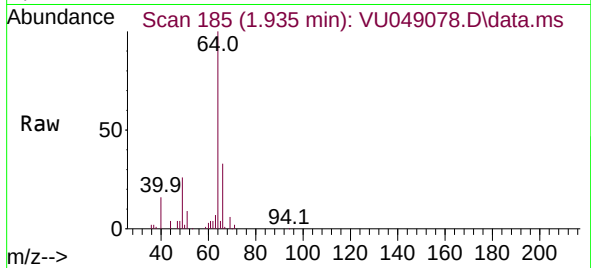




#8
Chloroethane
Concen: 5.567 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

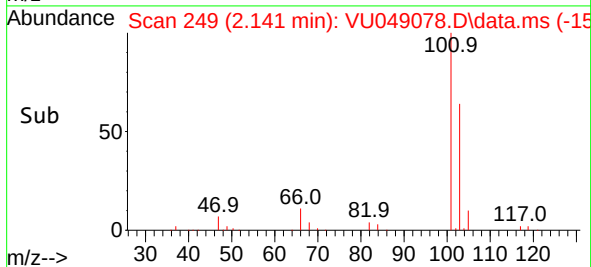
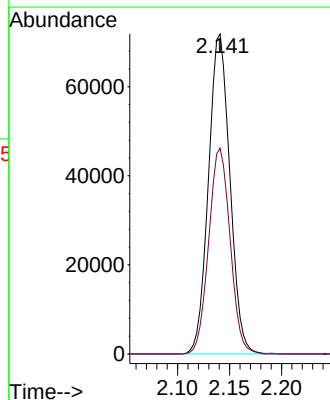
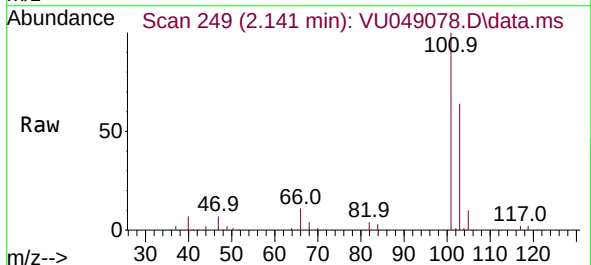
Instrument :
MSVOA_U
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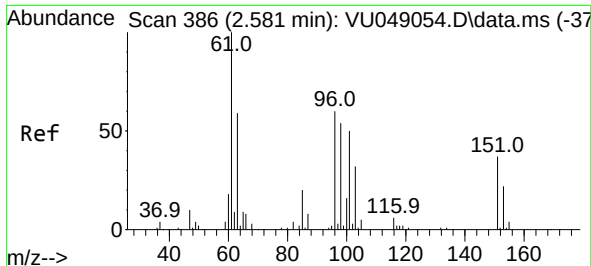
Tgt Ion: 64 Resp: 39245
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.815 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Tgt Ion:101 Resp: 102826
Ion Ratio Lower Upper
101 100
103 64.2 50.5 75.7

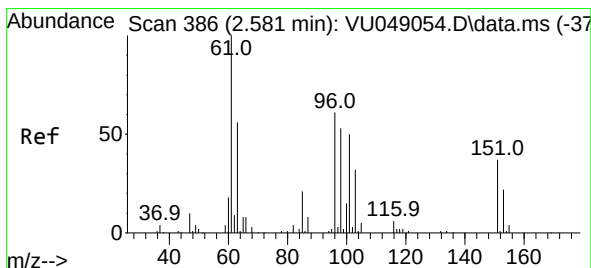
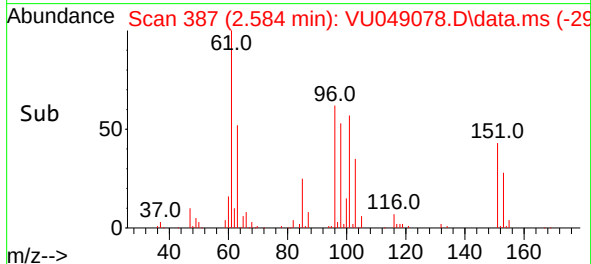
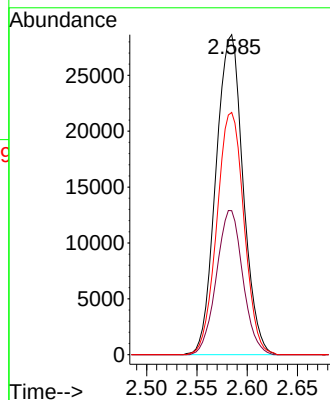
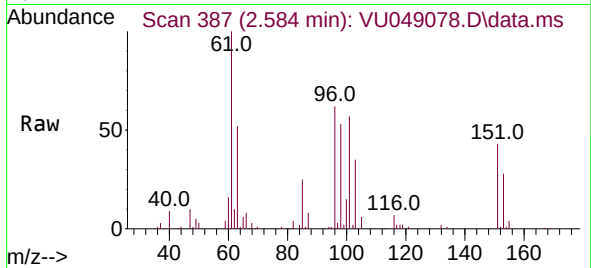




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.751 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

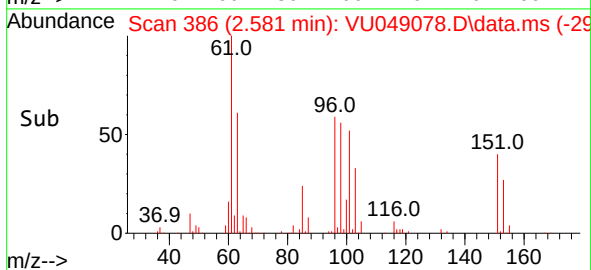
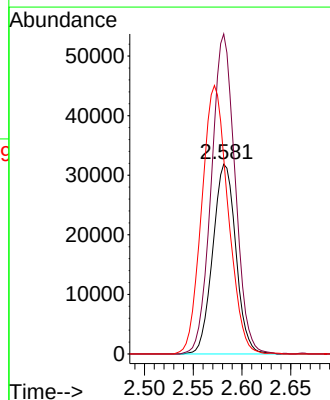
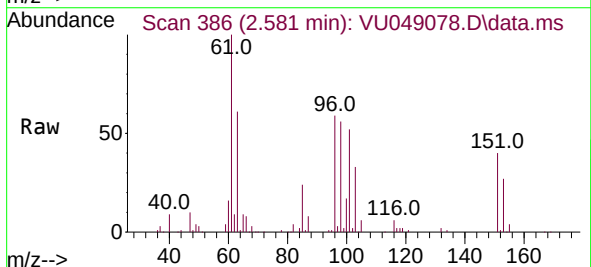
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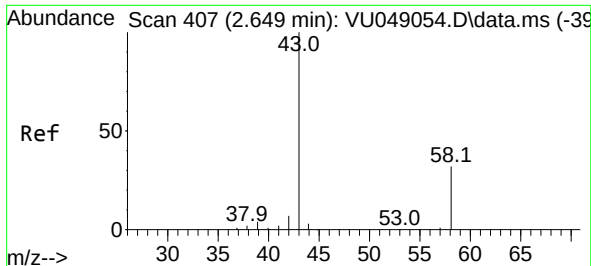
Tgt Ion:101 Resp: 53801
Ion Ratio Lower Upper
101 100
85 43.9 36.0 54.0
151 75.8 60.7 91.1



#12
1,1-Dichloroethene
Concen: 5.760 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Tgt Ion: 96 Resp: 52472
Ion Ratio Lower Upper
96 100
61 168.7 118.9 220.7
63 103.2 81.8 151.8





#13

Acetone

Concen: 41.636 ug/L

RT: 2.642 min Scan# 407

Delta R.T. -0.006 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

Instrument :

MSVOA_U

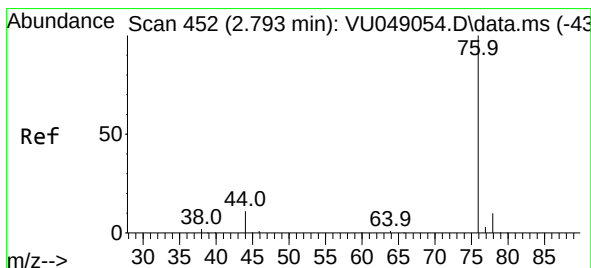
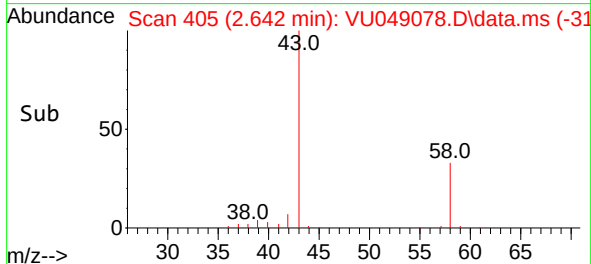
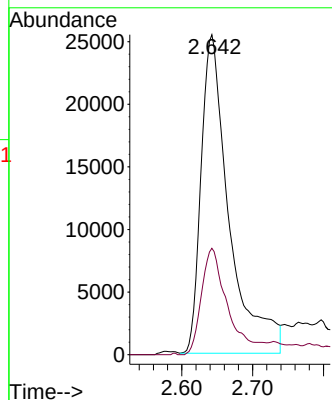
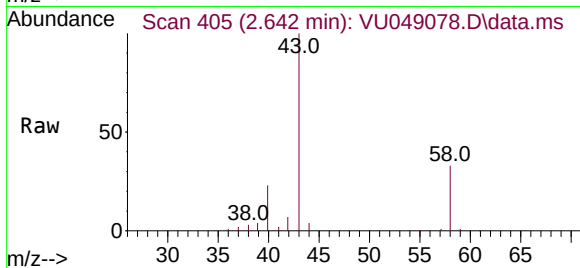
ClientSampleId :

Tgt Ion: 43 Resp: 69882

Ion Ratio Lower Upper

43 100

58 31.7 0.0 67.0



#14

Carbon disulfide

Concen: 5.522 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU049078.D

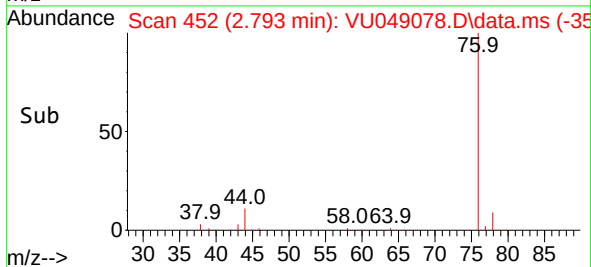
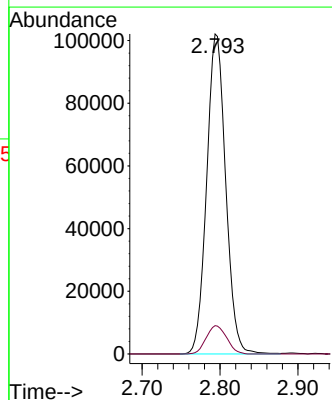
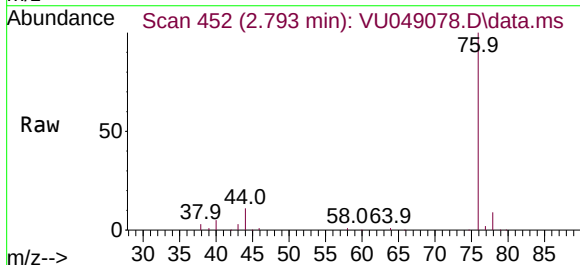
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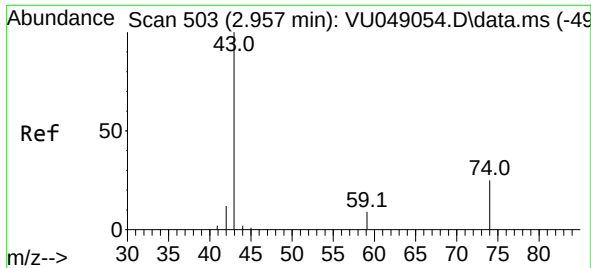
Tgt Ion: 76 Resp: 173114

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

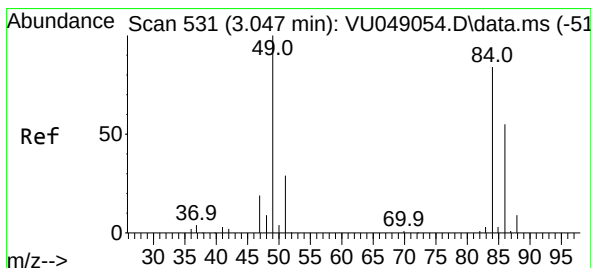
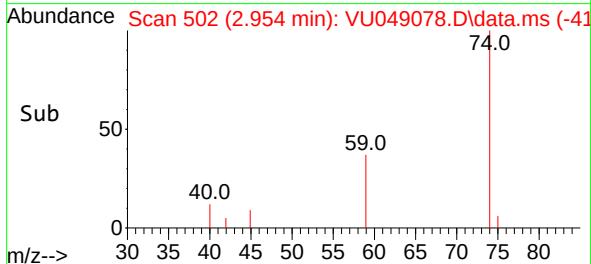
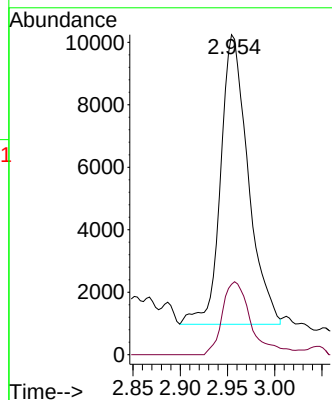
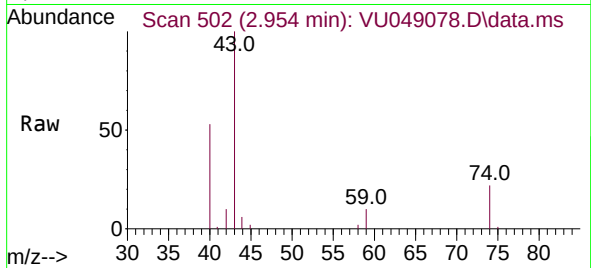




#15
Methyl Acetate
Concen: 4.343 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

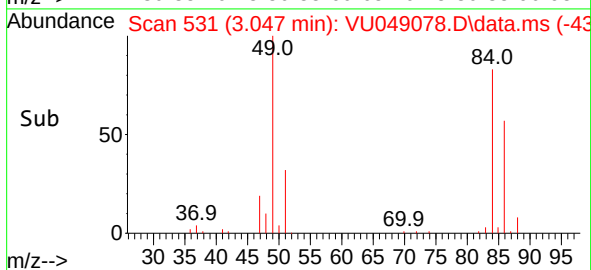
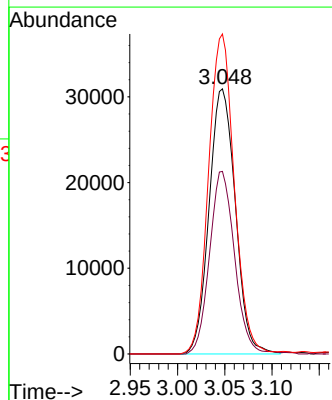
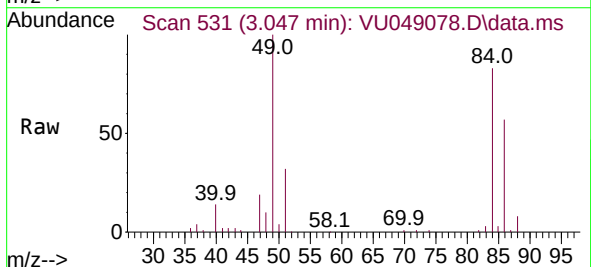
Instrument :
MSVOA_U
ClientSampleId :

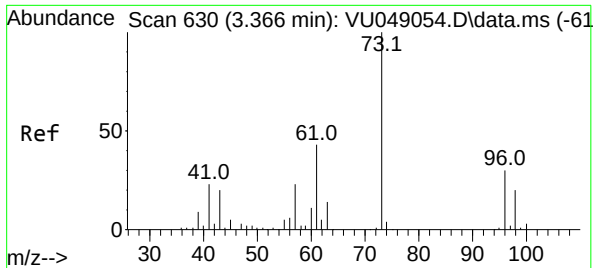
Tgt Ion: 43 Resp: 18785
Ion Ratio Lower Upper
43 100
74 26.4 19.1 28.7



#16
Methylene chloride
Concen: 5.336 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

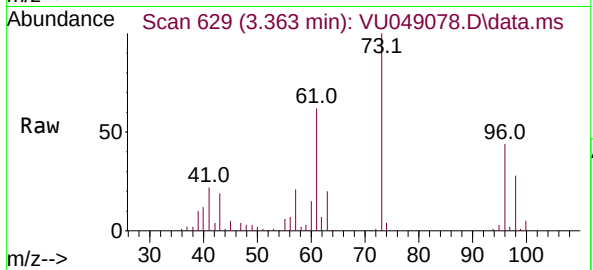
Tgt Ion: 84 Resp: 59747
Ion Ratio Lower Upper
84 100
86 68.9 46.1 85.7
49 120.7 84.5 156.9



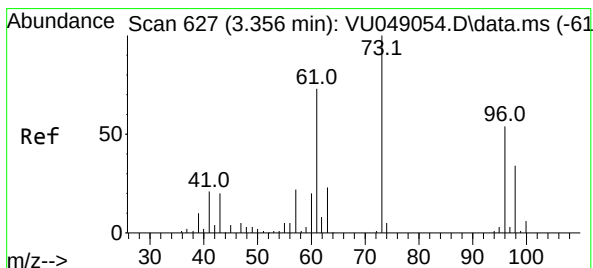
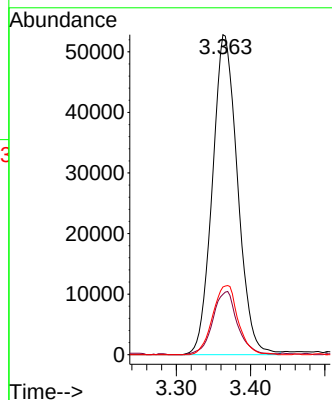
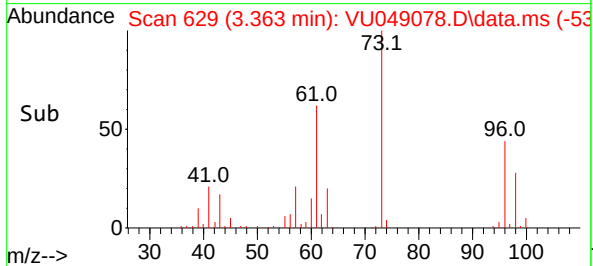


#17
Methyl tert-butyl Ether
Concen: 5.092 ug/L
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Instrument :
MSVOA_U
ClientSampleId :

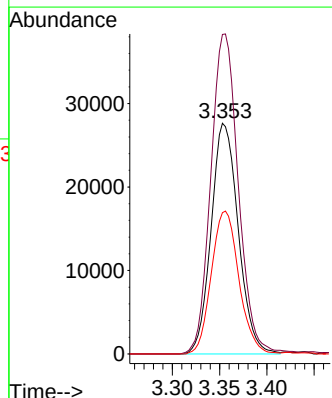
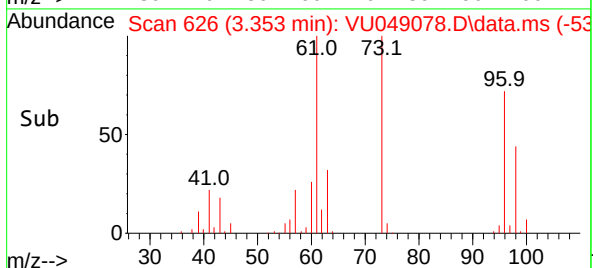
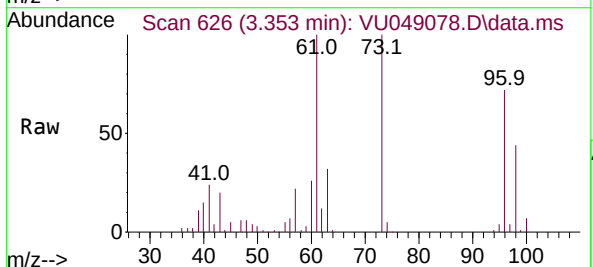


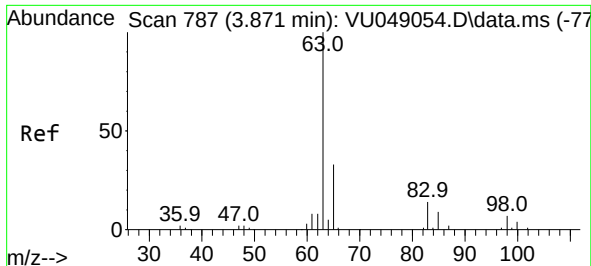
Tgt Ion: 73 Resp: 124451
Ion Ratio Lower Upper
73 100
43 19.4 15.3 22.9
57 21.8 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.563 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Tgt Ion: 96 Resp: 55242
Ion Ratio Lower Upper
96 100
61 138.5 99.1 184.1
98 61.2 44.1 81.9





#19

1,1-Dichloroethane

Concen: 5.537 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

Instrument :

MSVOA_U

ClientSampleId :

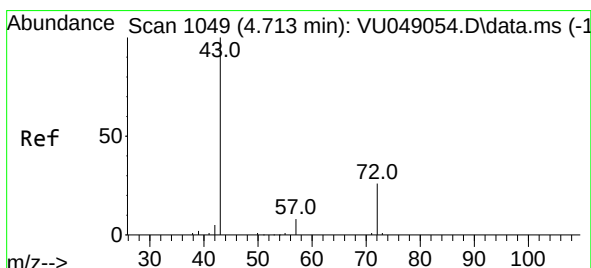
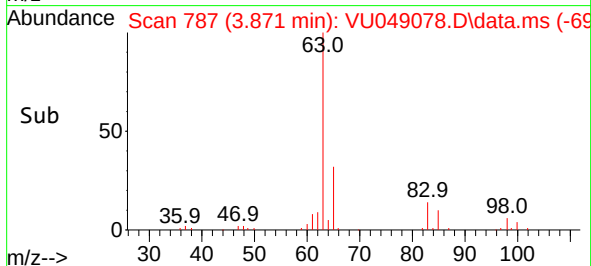
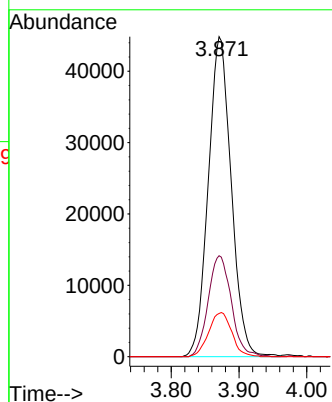
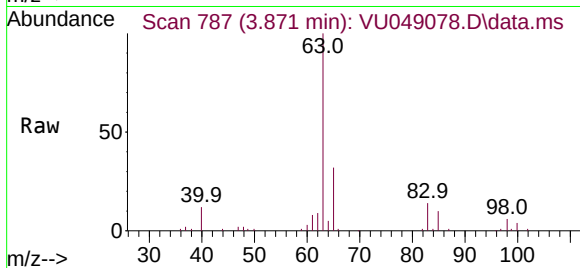
Tgt Ion: 63 Resp: 105372

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 13.5 9.7 17.9



#21

2-Butanone

Concen: 41.656 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU049078.D

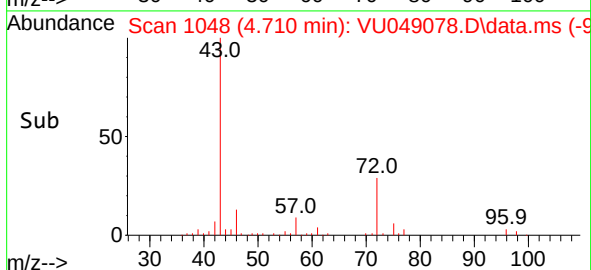
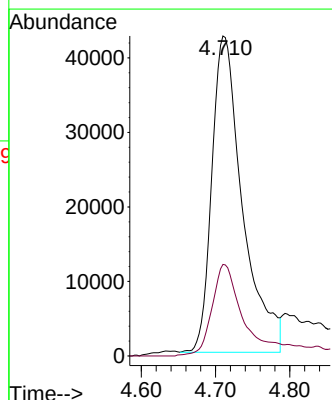
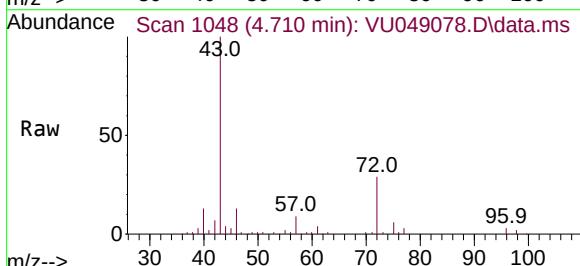
Acq: 12 Jun 2022 01:51

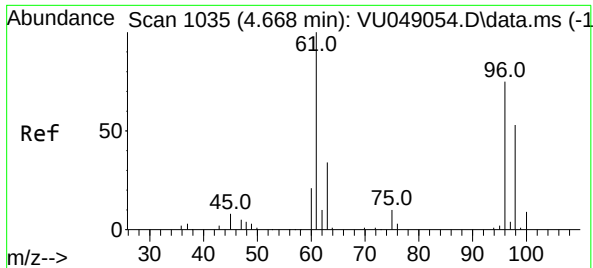
Tgt Ion: 43 Resp: 122079

Ion Ratio Lower Upper

43 100

72 29.3 14.1 42.2

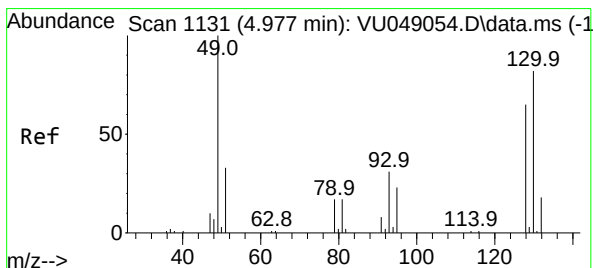
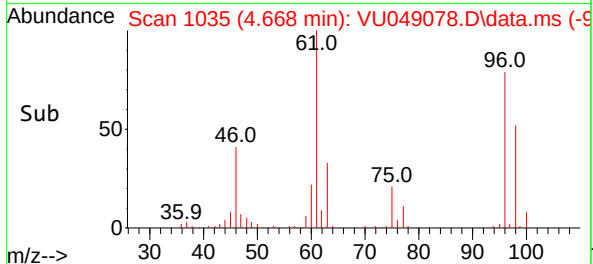
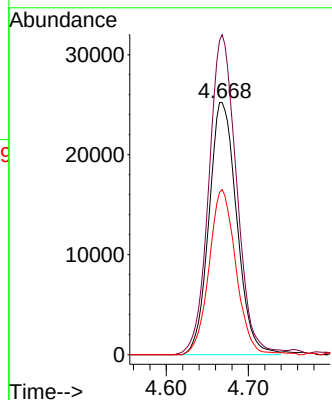
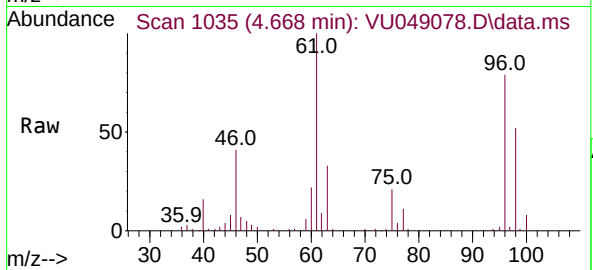




#22
 cis-1,2-Dichloroethene
 Concen: 5.054 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU049078.D
 Acq: 12 Jun 2022 01:51

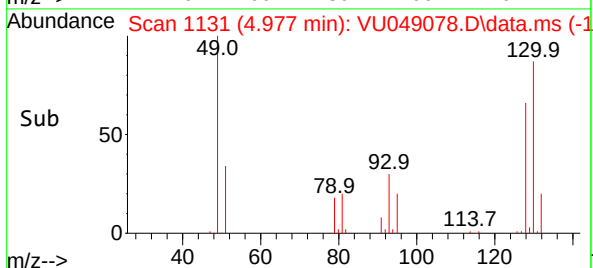
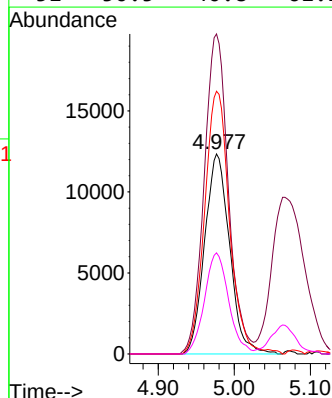
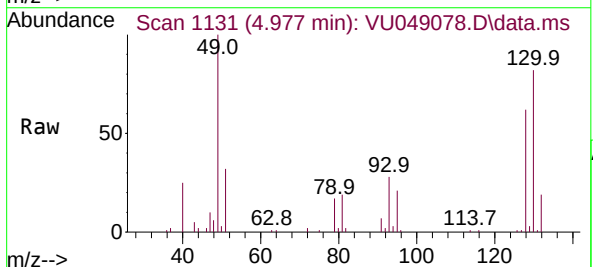
Instrument :
 MSVOA_U
 ClientSampleId :

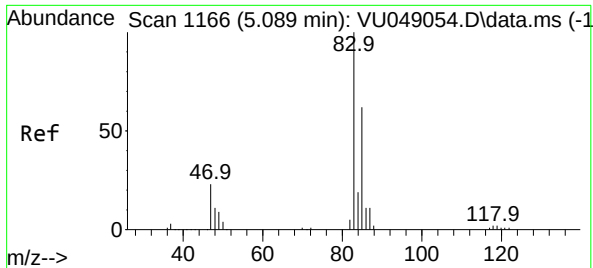
Tgt Ion: 96 Resp: 59411
 Ion Ratio Lower Upper
 96 100
 61 126.9 91.1 169.1
 98 65.5 43.0 80.0



#23
 Bromochloromethane
 Concen: 5.526 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU049078.D
 Acq: 12 Jun 2022 01:51

Tgt Ion: 128 Resp: 28122
 Ion Ratio Lower Upper
 128 100
 49 160.0 106.9 198.5
 130 131.4 93.0 172.6
 51 50.5 40.8 61.2





#25

Chloroform

Concen: 5.437 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

Instrument :

MSVOA_U

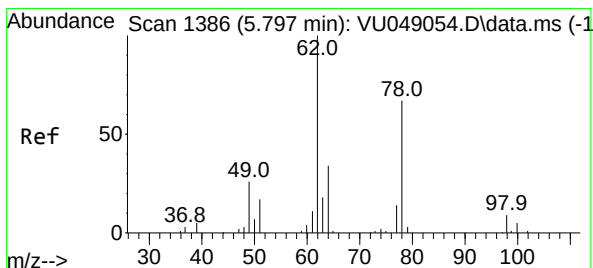
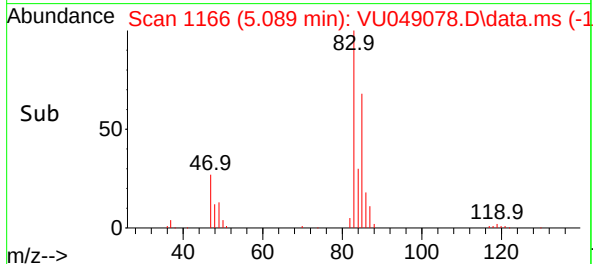
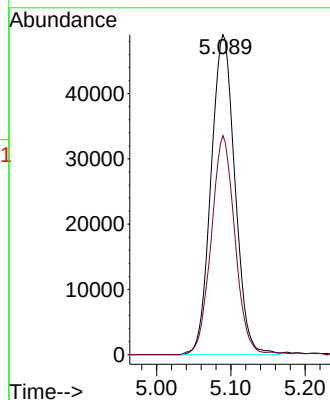
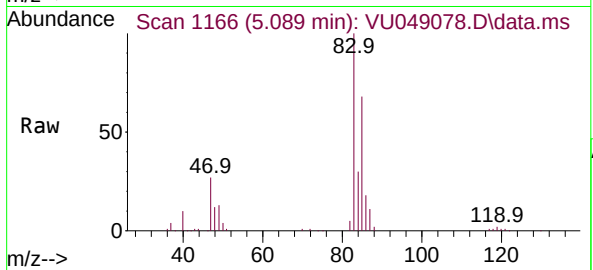
ClientSampleId :

Tgt Ion: 83 Resp: 109447

Ion Ratio Lower Upper

83 100

85 68.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.284 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU049078.D

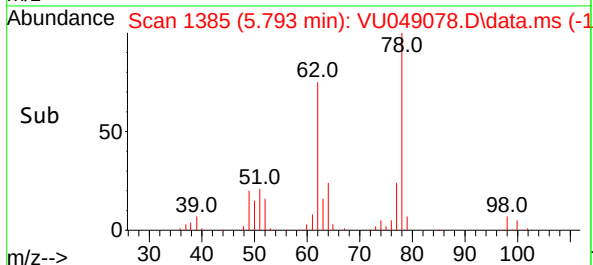
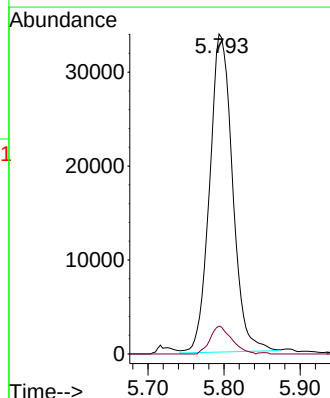
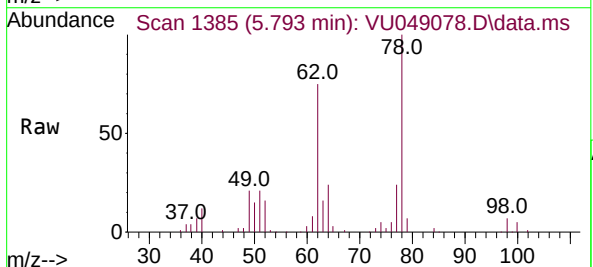
Acq: 12 Jun 2022 01:51

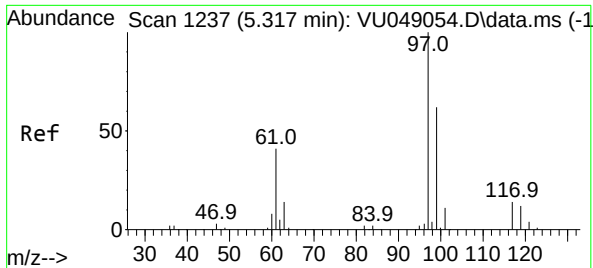
Tgt Ion: 62 Resp: 71105

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.504 ug/L

RT: 5.317 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

Instrument :

MSVOA_U

ClientSampleId :

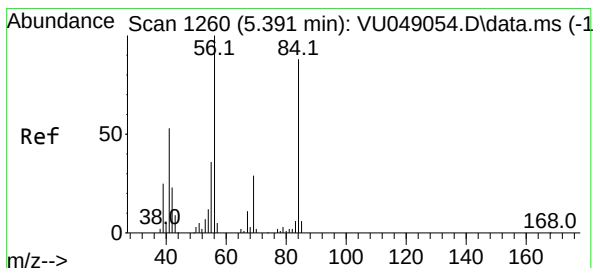
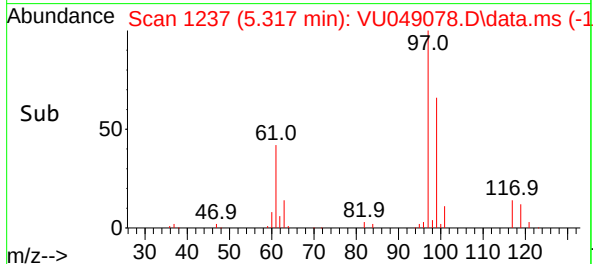
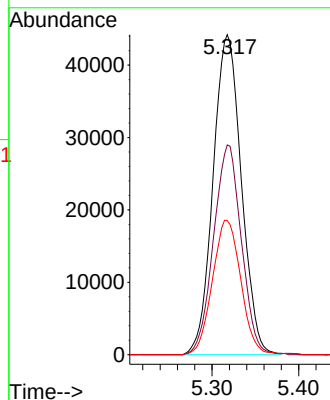
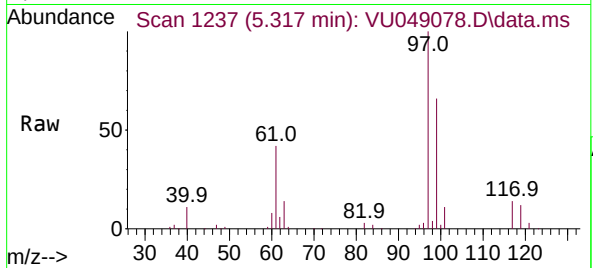
Tgt Ion: 97 Resp: 100161

Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

61 42.2 33.2 49.8



#30

Cyclohexane

Concen: 5.326 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

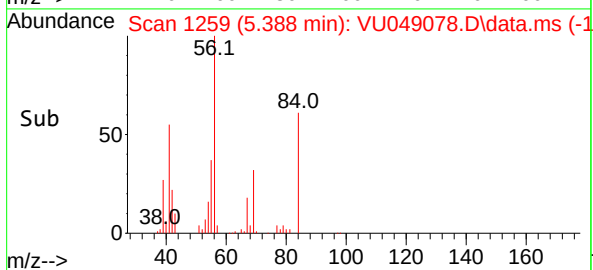
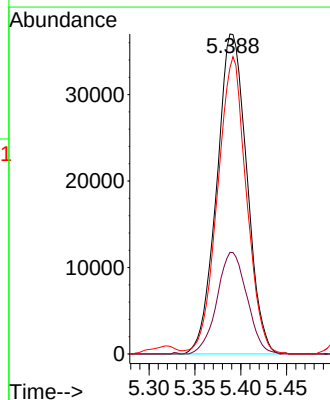
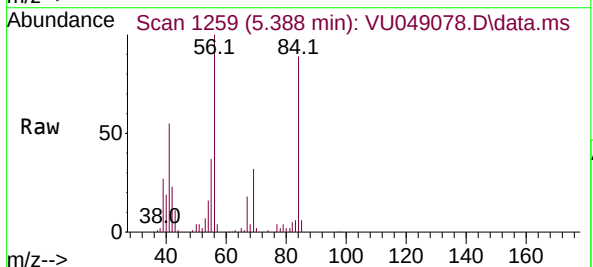
Tgt Ion: 56 Resp: 84361

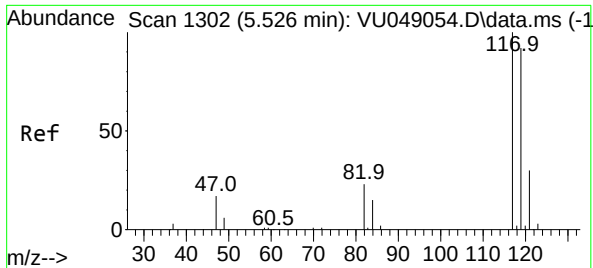
Ion Ratio Lower Upper

56 100

69 31.6 24.6 36.8

84 89.3 68.8 103.2

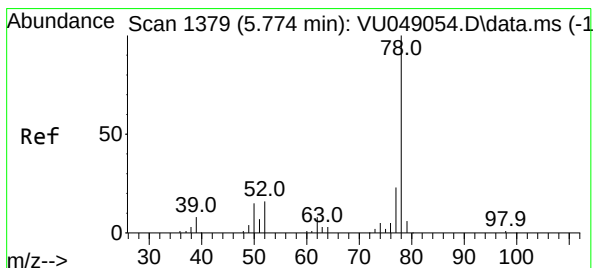
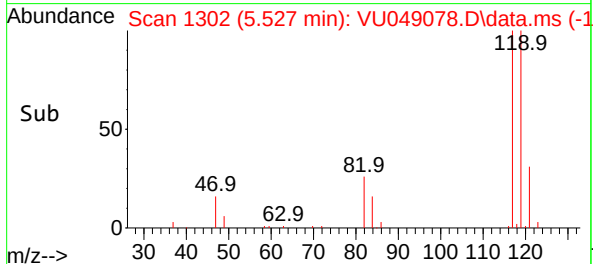
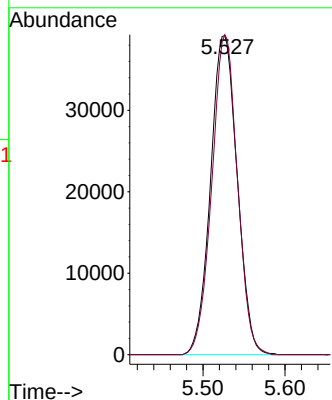
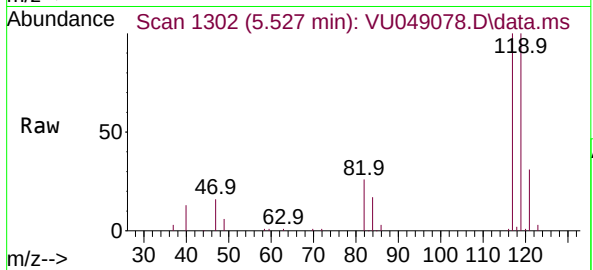




#31
Carbon tetrachloride
Concen: 5.483 ug/L
RT: 5.527 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

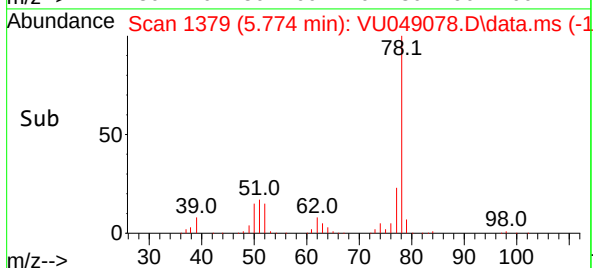
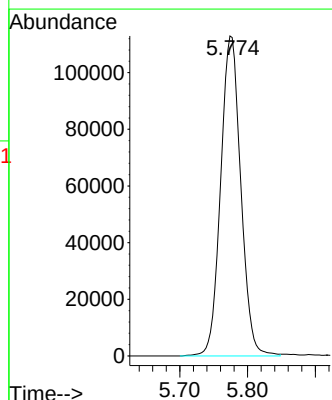
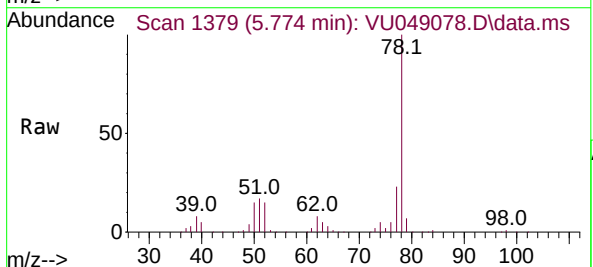
Instrument :
MSVOA_U
ClientSampleId :

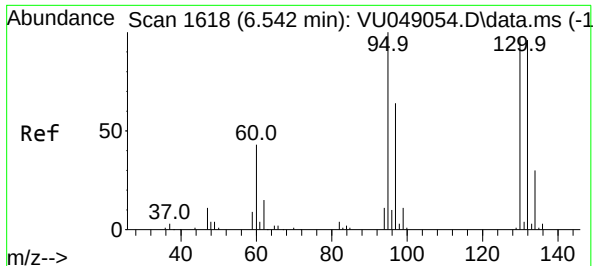
Tgt Ion:117 Resp: 88566
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7



#33
Benzene
Concen: 5.472 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

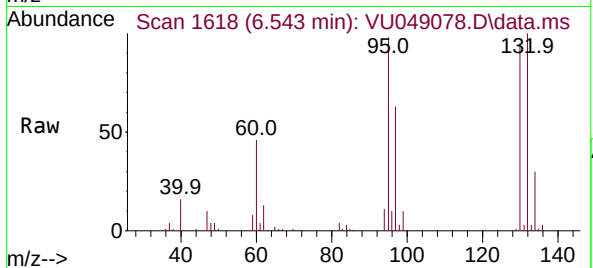
Tgt Ion: 78 Resp: 233250





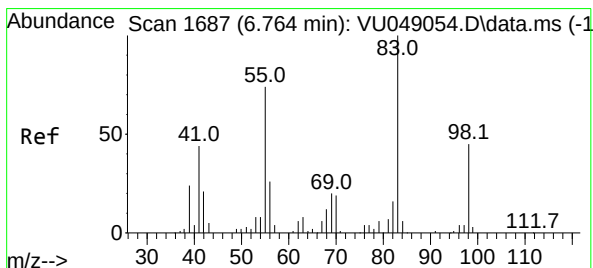
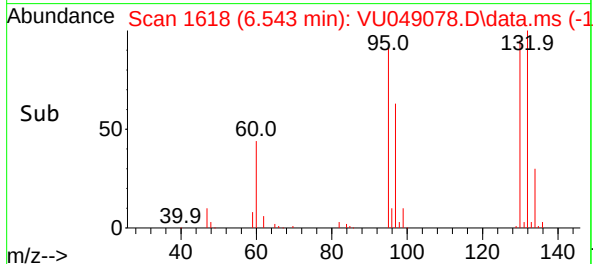
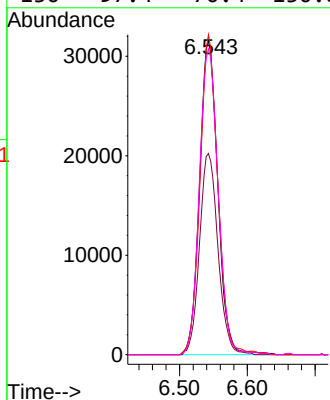
#34
Trichloroethene
Concen: 5.376 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 59198

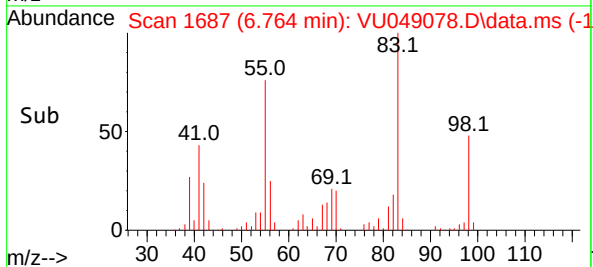
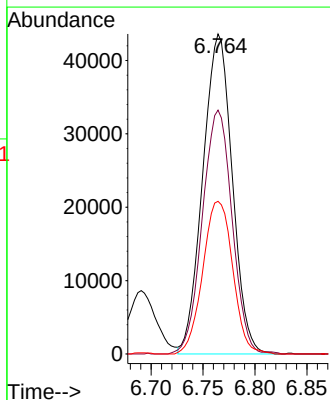
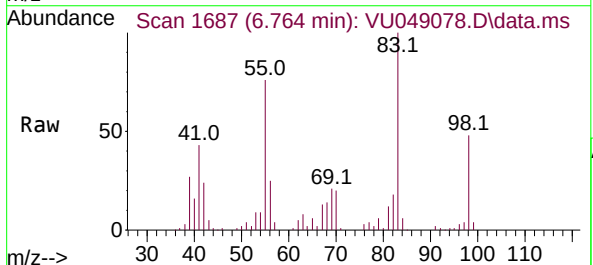
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.9	83.5
132	102.0	62.8	116.6
130	97.4	70.4	130.8

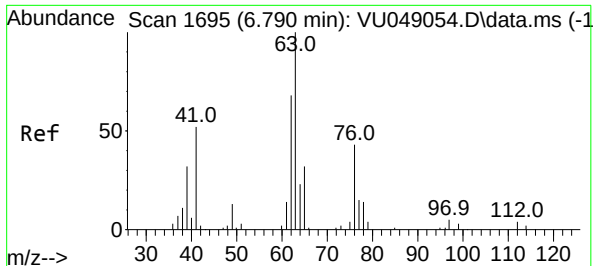


#35
Methylcyclohexane
Concen: 5.167 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Tgt Ion: 83 Resp: 86129

Ion	Ratio	Lower	Upper
83	100		
55	76.8	60.6	90.8
98	48.4	35.8	53.8





#37

1,2-Dichloropropane

Concen: 5.400 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

Instrument :

MSVOA_U

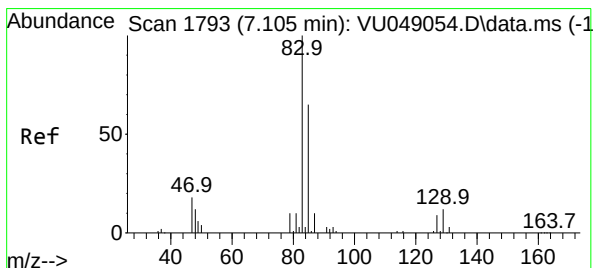
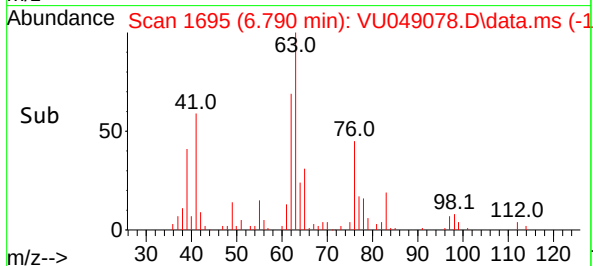
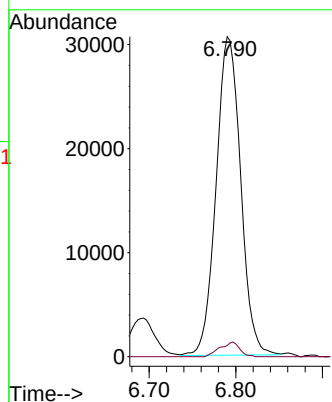
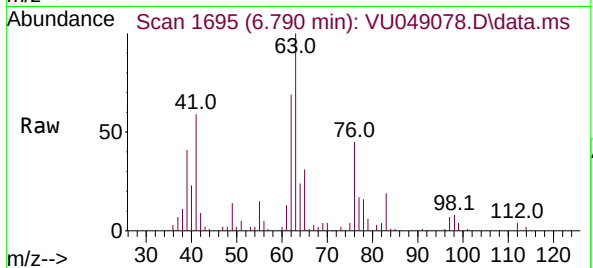
ClientSampleId :

Tgt Ion: 63 Resp: 60212

Ion Ratio Lower Upper

63 100

112 3.7 2.8 4.2



#38

Bromodichloromethane

Concen: 5.313 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

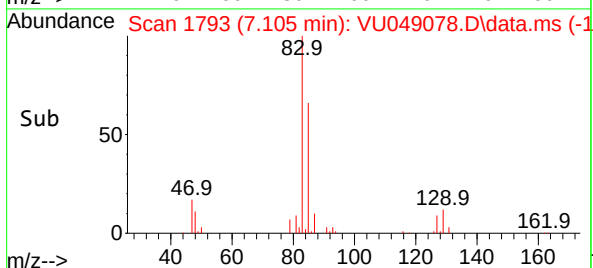
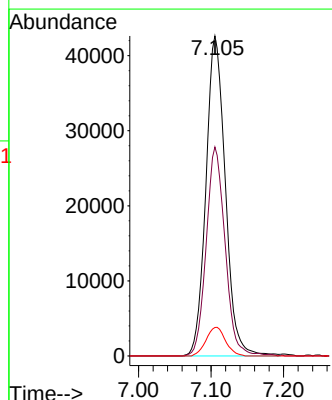
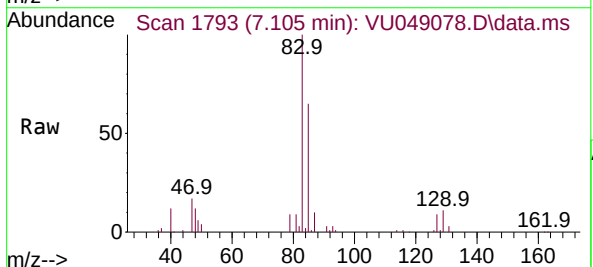
Tgt Ion: 83 Resp: 79392

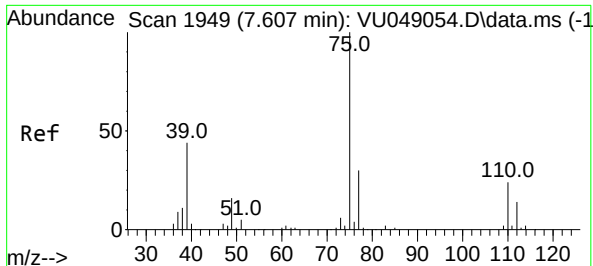
Ion Ratio Lower Upper

83 100

85 65.3 43.8 81.4

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.085 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

Instrument :

MSVOA_U

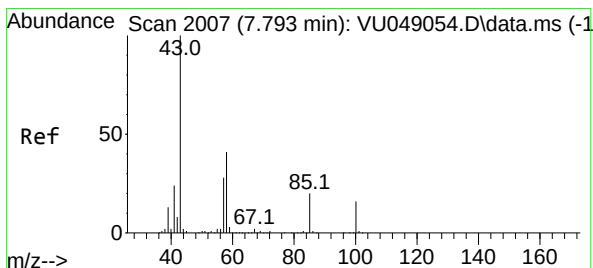
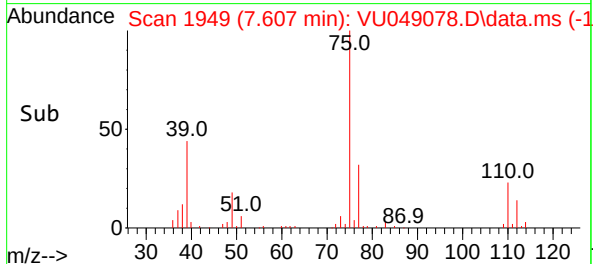
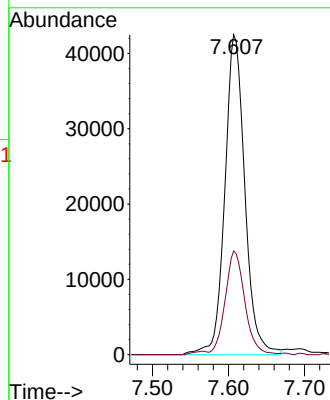
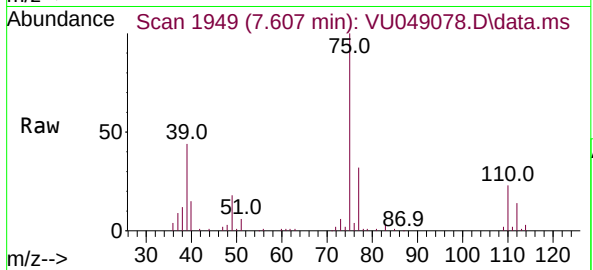
ClientSampleId :

Tgt Ion: 75 Resp: 77632

Ion Ratio Lower Upper

75 100

77 32.4 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 51.872 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

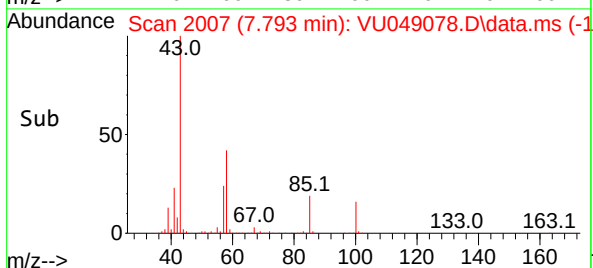
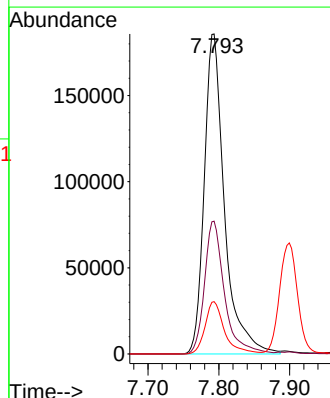
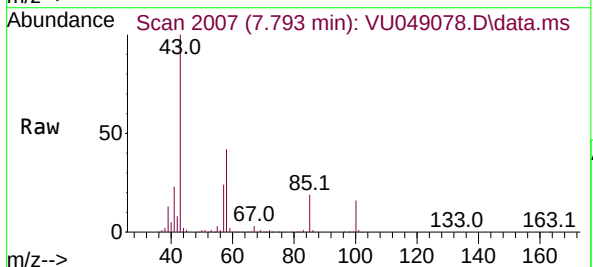
Tgt Ion: 43 Resp: 368144

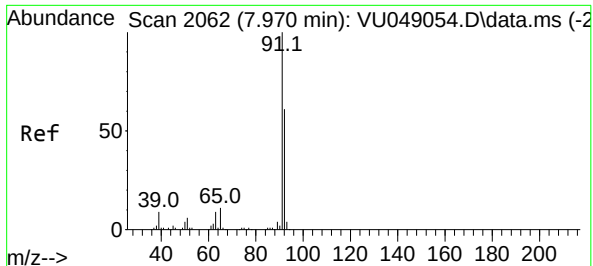
Ion Ratio Lower Upper

43 100

58 41.0 32.6 49.0

100 15.8 12.6 18.8

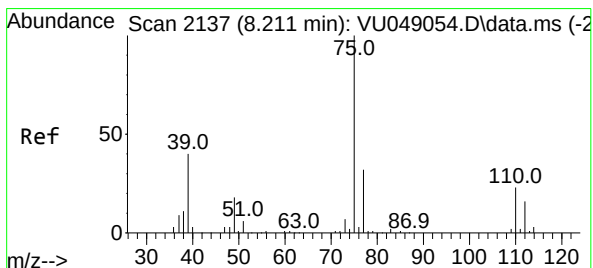
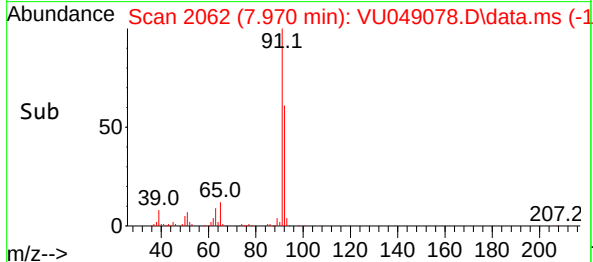
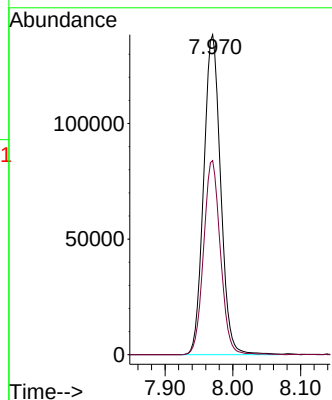
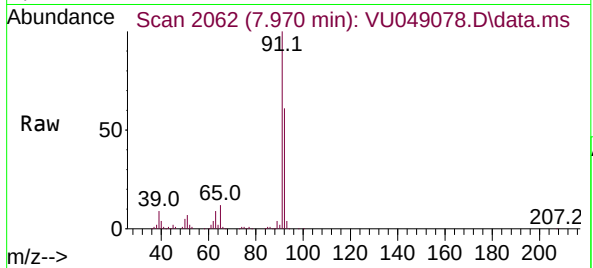




#42
Toluene
Concen: 5.555 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

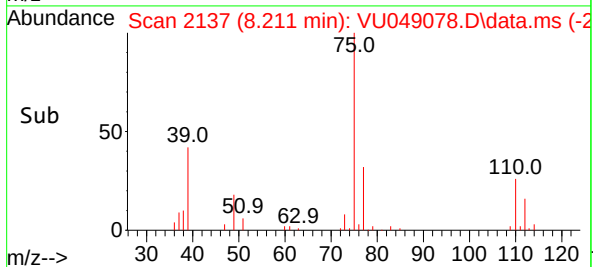
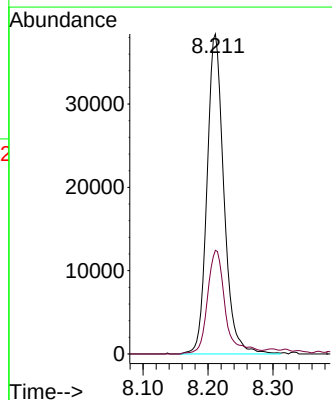
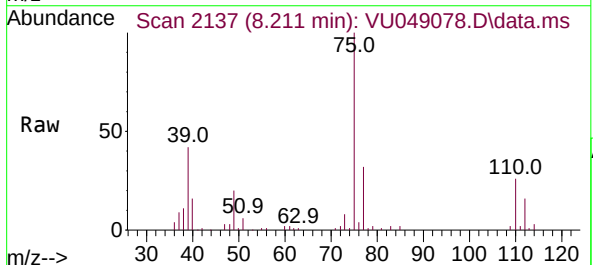
Instrument :
MSVOA_U
ClientSampleId :

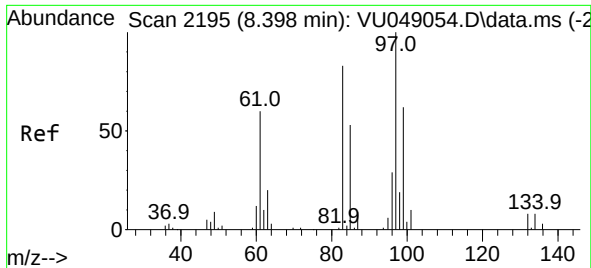
Tgt Ion: 91 Resp: 240494
Ion Ratio Lower Upper
91 100
92 60.6 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 5.059 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

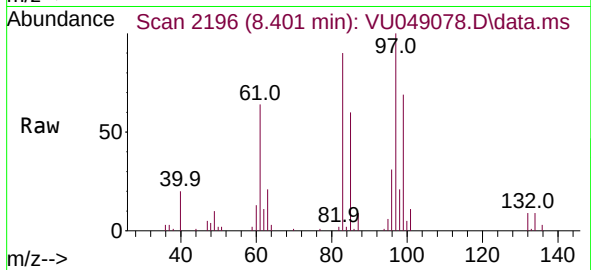
Tgt Ion: 75 Resp: 69465
Ion Ratio Lower Upper
75 100
77 32.4 22.6 42.0



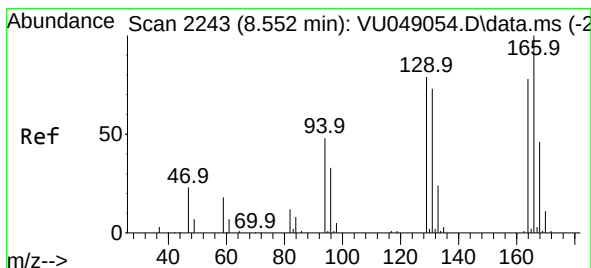
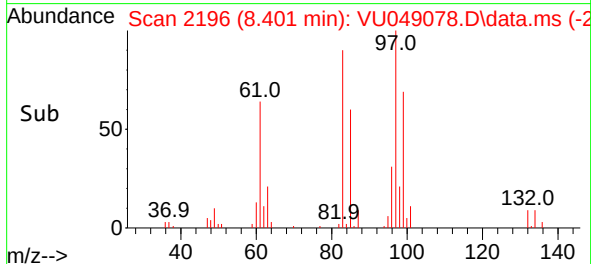
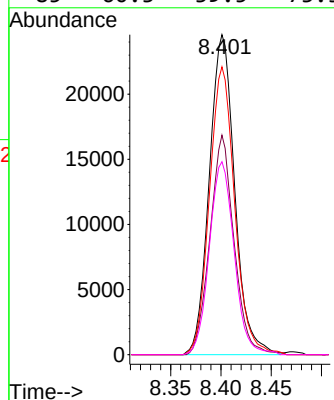


#45
1,1,2-Trichloroethane
Concen: 5.454 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Instrument :
MSVOA_U
ClientSampleId :

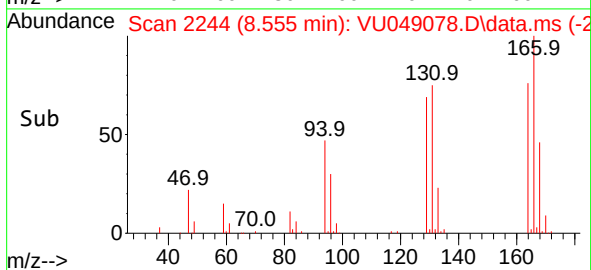
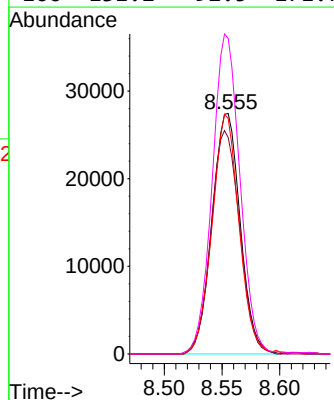
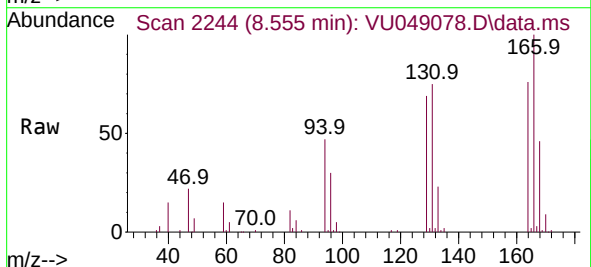


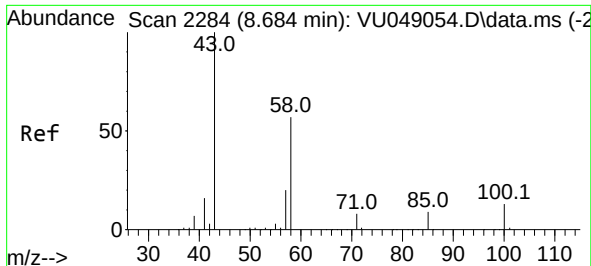
Tgt Ion:	97	Resp:	43191
Ion	Ratio	Lower	Upper
97	100		
99	68.6	43.3	80.5
83	89.9	62.1	115.3
85	60.3	39.5	73.3



#47
Tetrachloroethene
Concen: 5.315 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Tgt Ion:	164	Resp:	46523
Ion	Ratio	Lower	Upper
164	100		
129	90.1	67.0	124.4
131	98.0	65.0	120.8
166	131.2	92.5	171.7

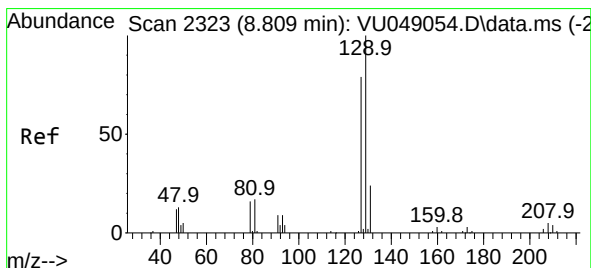
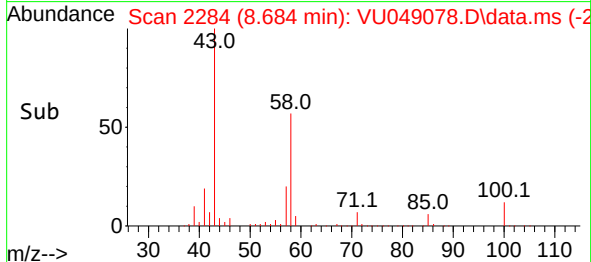
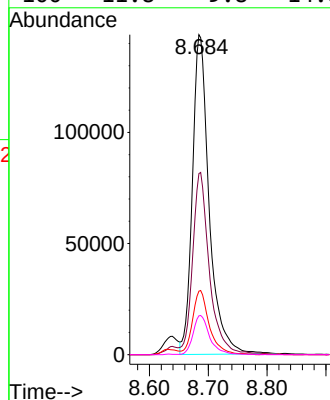
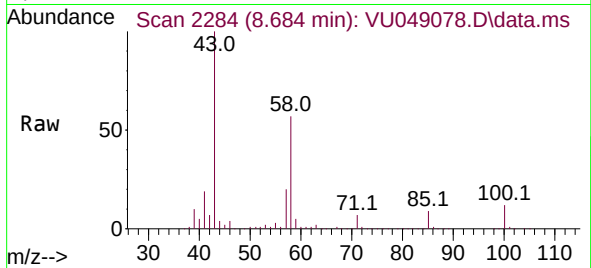




#48
2-Hexanone
Concen: 54.037 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

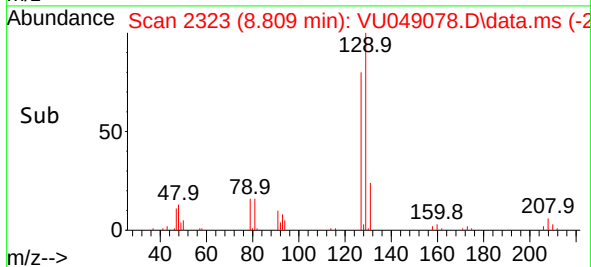
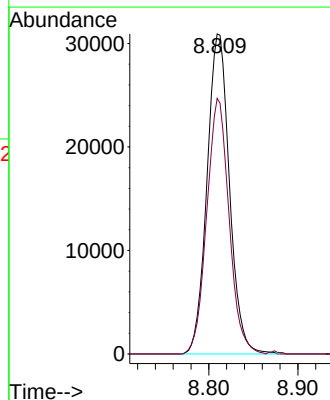
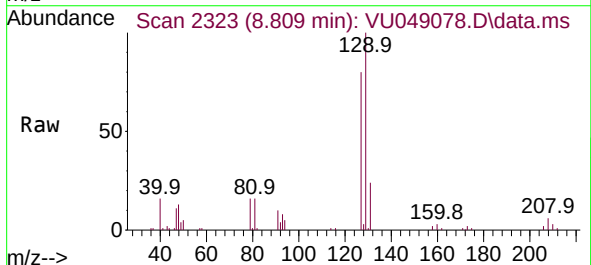
Instrument :
MSVOA_U
ClientSampleId :

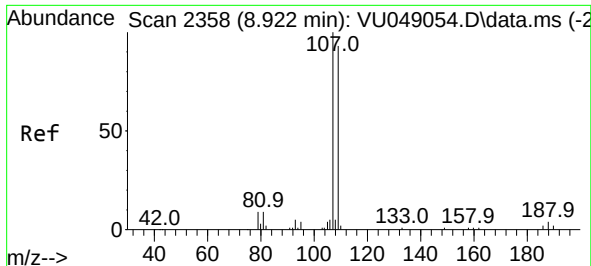
Tgt Ion:	43	Resp:	284863
Ion	Ratio	Lower	Upper
43	100		
58	57.1	45.0	67.4
57	20.3	15.9	23.9
100	11.8	9.8	14.8



#49
Dibromochloromethane
Concen: 5.369 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

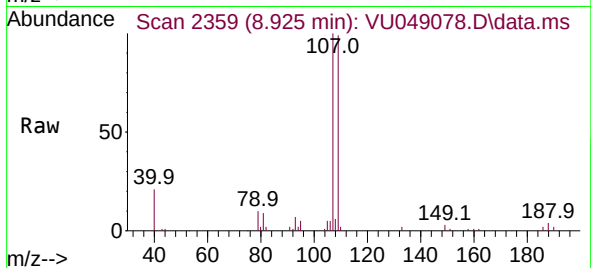
Tgt Ion:	129	Resp:	54146
Ion	Ratio	Lower	Upper
129	100		
127	79.8	54.1	100.5



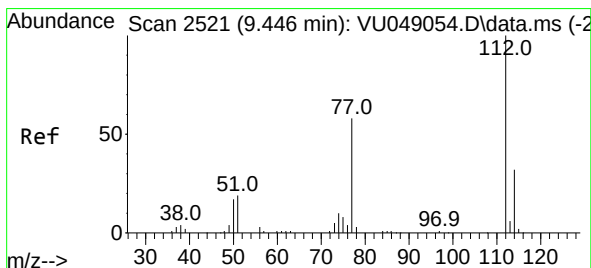
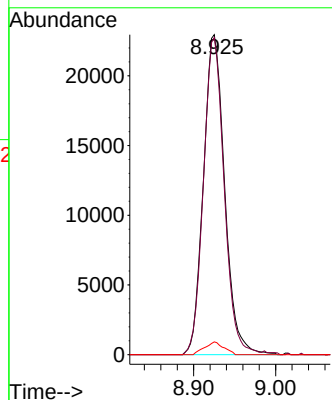
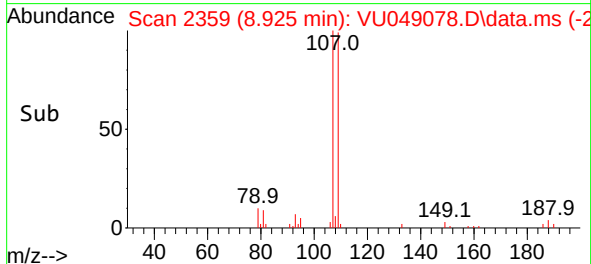


#50
1,2-Dibromoethane
Concen: 5.303 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Instrument :
MSVOA_U
ClientSampleId :

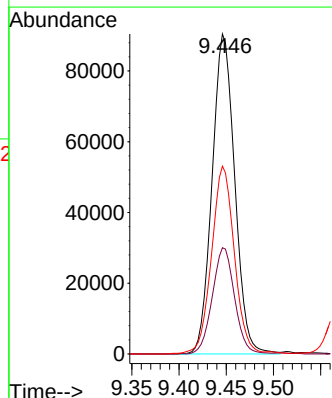
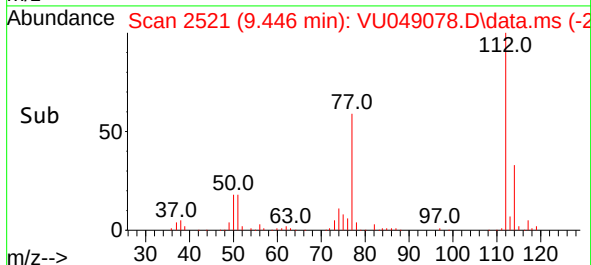
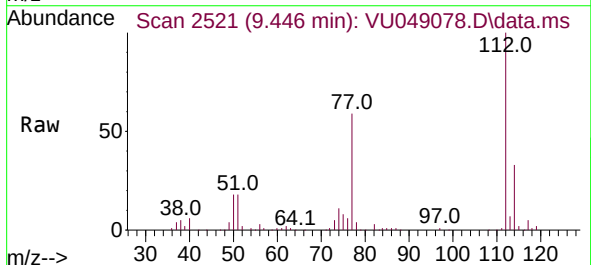


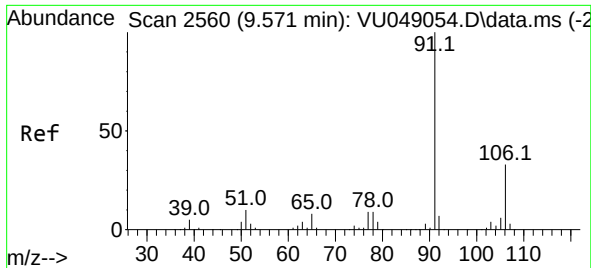
Tgt Ion:107 Resp: 41337
Ion Ratio Lower Upper
107 100
109 99.1 67.0 124.4
188 4.0 2.7 4.1



#51
Chlorobenzene
Concen: 5.286 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Tgt Ion:112 Resp: 150757
Ion Ratio Lower Upper
112 100
114 33.2 22.4 41.6
77 58.7 46.6 70.0

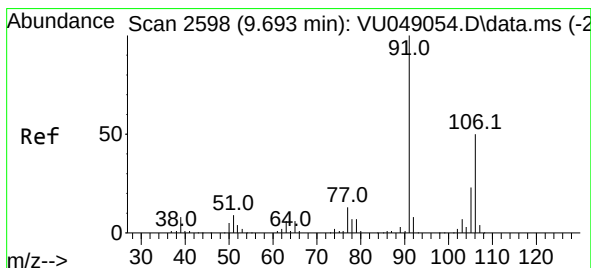
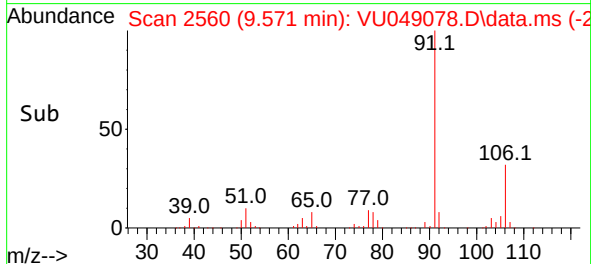
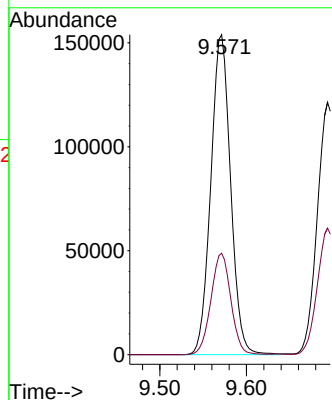
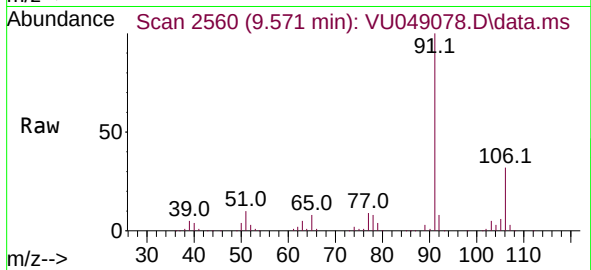




#52
Ethylbenzene
Concen: 5.493 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

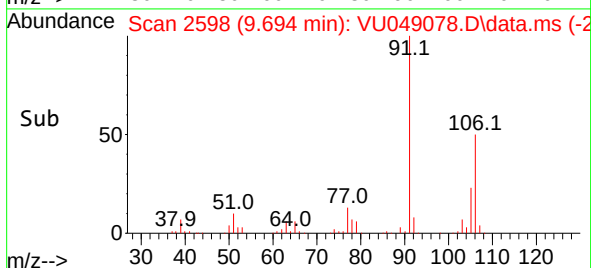
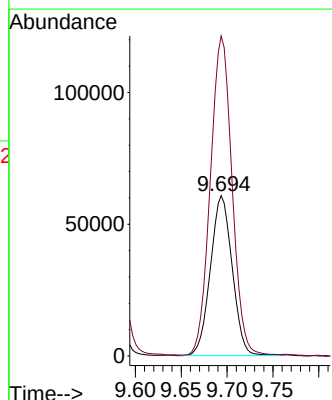
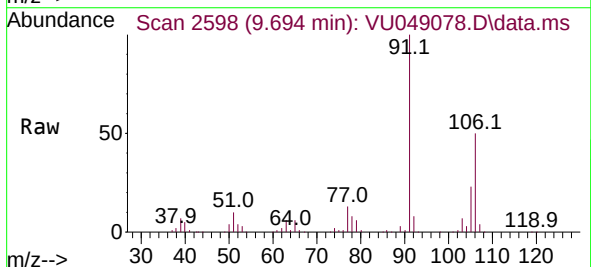
Instrument :
MSVOA_U
ClientSampleId :

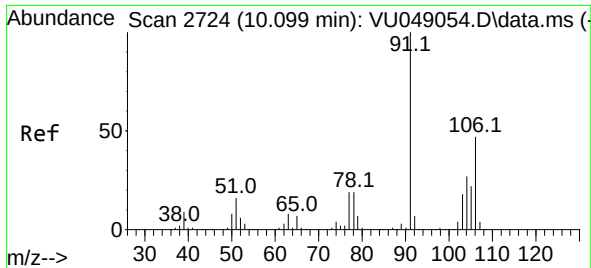
Tgt Ion: 91 Resp: 244199
Ion Ratio Lower Upper
91 100
106 31.7 22.7 42.1



#53
m,p-Xylene
Concen: 5.521 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Tgt Ion: 106 Resp: 100211
Ion Ratio Lower Upper
106 100
91 199.5 137.4 255.2

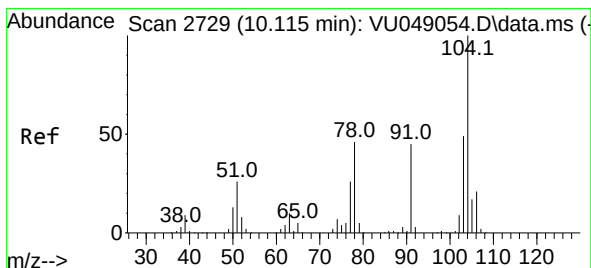
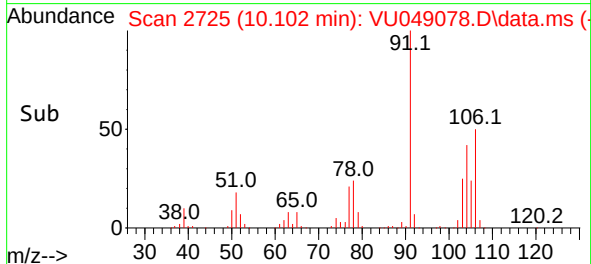
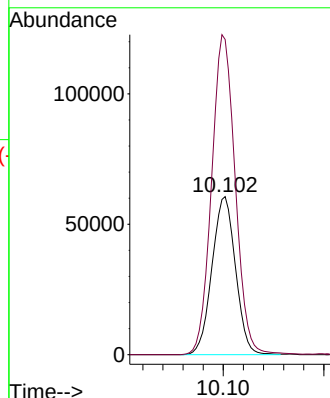
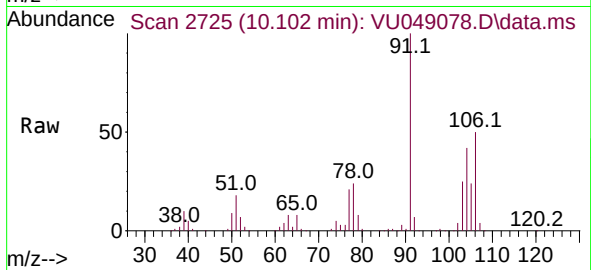




#54
o-Xylene
Concen: 5.645 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

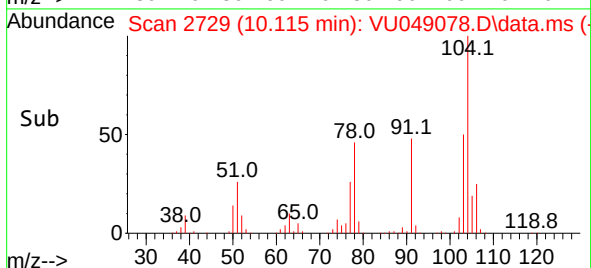
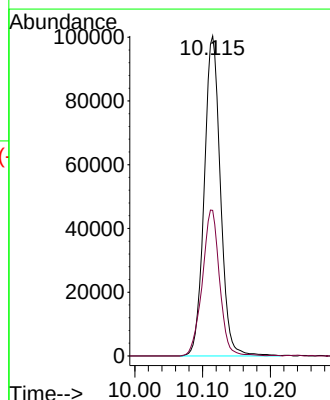
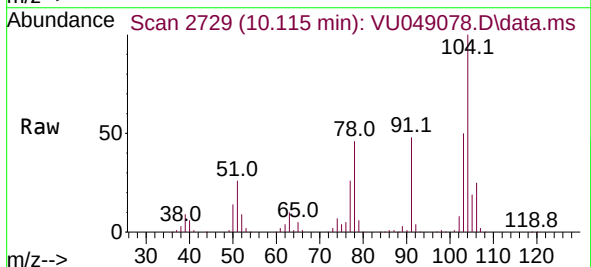
Instrument :
MSVOA_U
ClientSampleId :

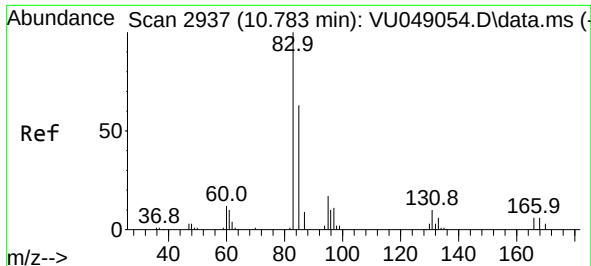
Tgt Ion:106 Resp: 98497
Ion Ratio Lower Upper
106 100
91 199.3 152.5 283.1



#55
Styrene
Concen: 5.725 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Tgt Ion:104 Resp: 166985
Ion Ratio Lower Upper
104 100
78 45.5 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.201 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

Instrument :

MSVOA_U

ClientSampleId :

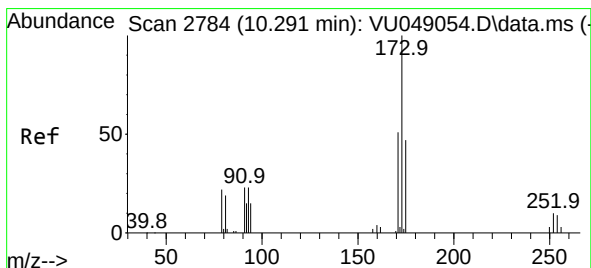
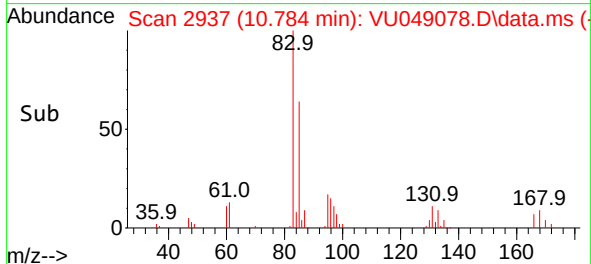
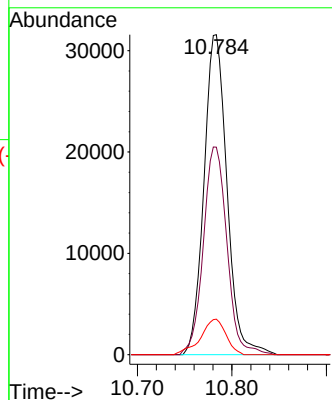
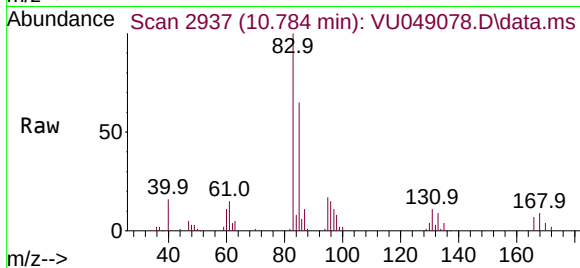
Tgt Ion: 83 Resp: 53493

Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0

131 11.1 7.8 11.6



#59

Bromoform

Concen: 5.334 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

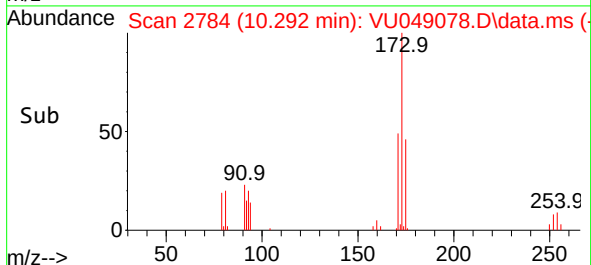
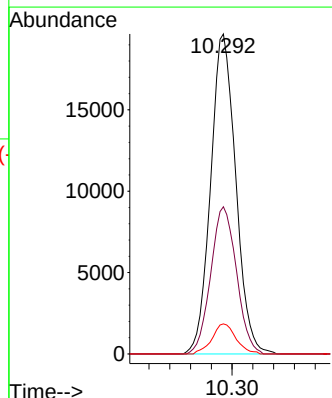
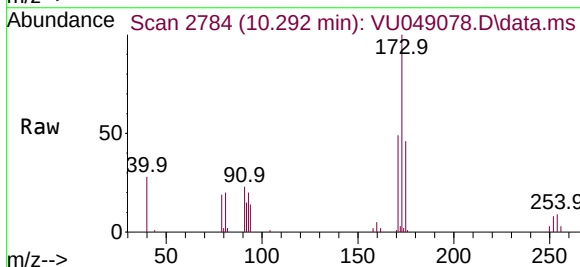
Tgt Ion:173 Resp: 32985

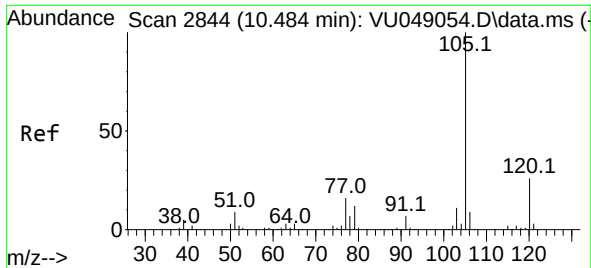
Ion Ratio Lower Upper

173 100

175 47.1 37.9 56.9

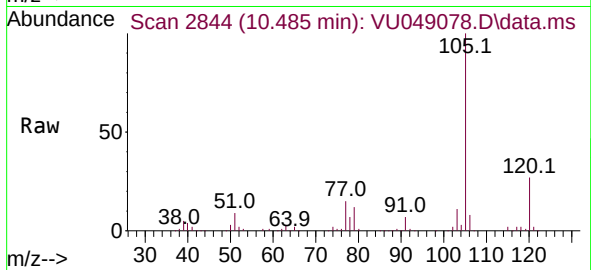
254 9.0 7.5 11.3



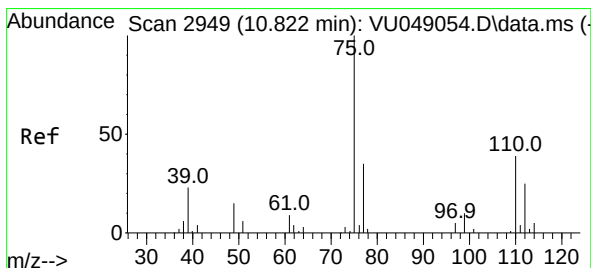
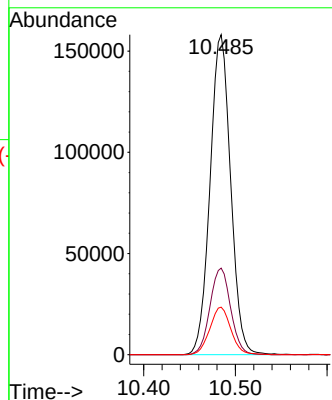
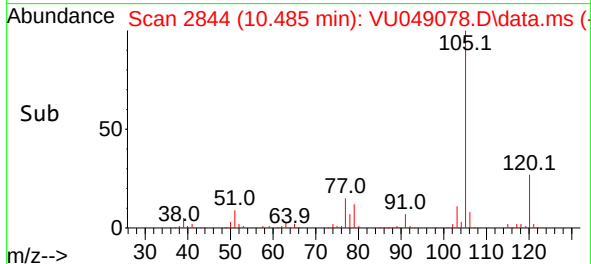


#60
Isopropylbenzene
Concen: 5.308 ug/L
RT: 10.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

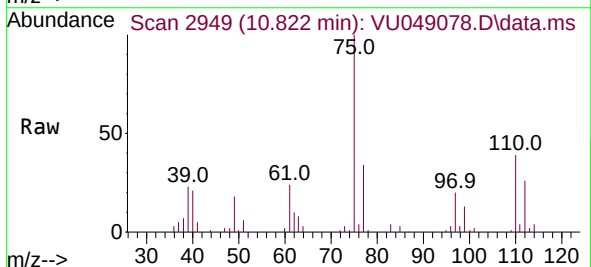
Instrument :
MSVOA_U
ClientSampleId :



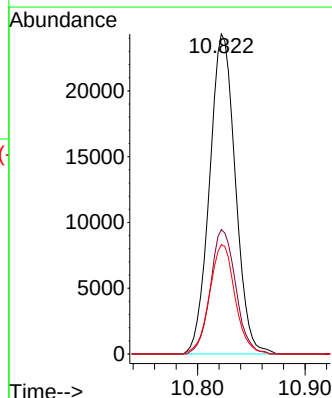
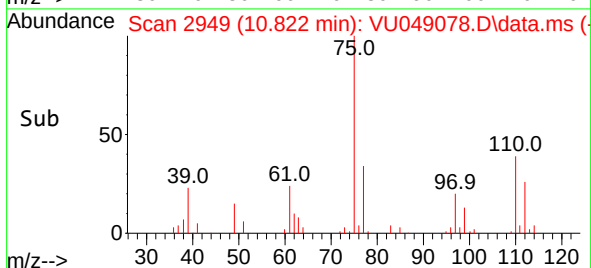
Tgt Ion:105 Resp: 246273
Ion Ratio Lower Upper
105 100
120 27.2 21.0 31.4
77 15.3 12.4 18.6

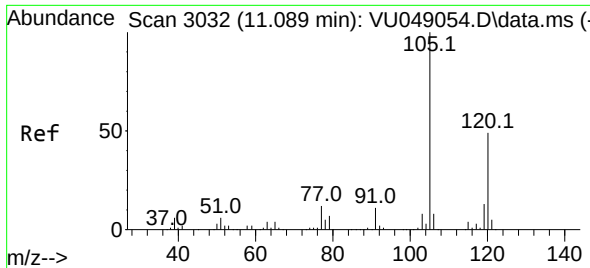


#61
1,2,3-Trichloropropane
Concen: 4.979 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51



Tgt Ion: 75 Resp: 40492
Ion Ratio Lower Upper
75 100
110 38.1 28.6 43.0
77 33.9 25.4 38.0

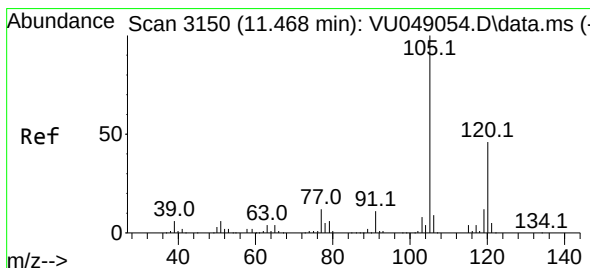
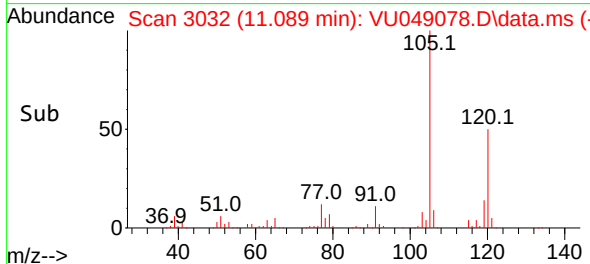
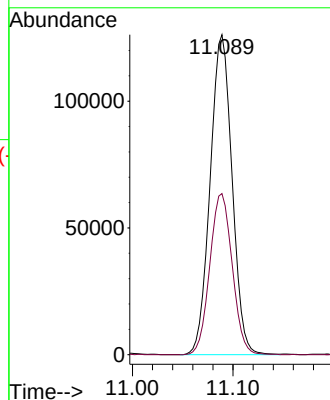
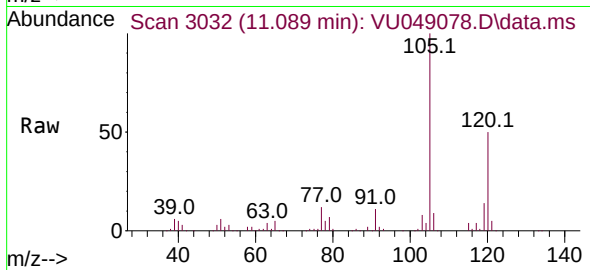




#62
 1,3,5-Trimethylbenzene
 Concen: 4.926 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049078.D
 Acq: 12 Jun 2022 01:51

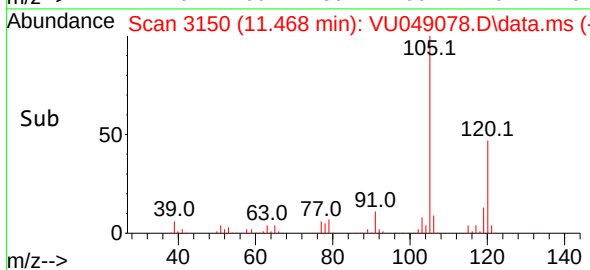
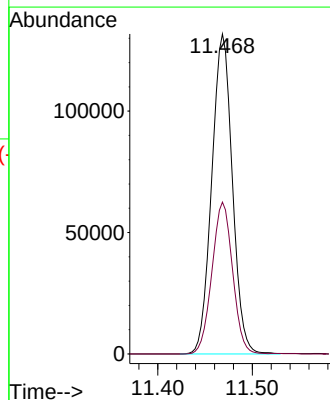
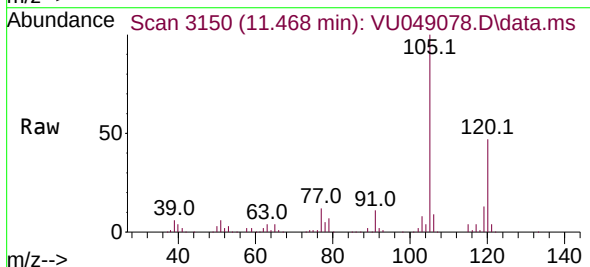
Instrument :
 MSVOA_U
 ClientSampleId :

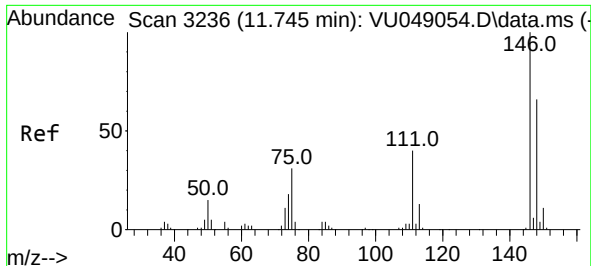
Tgt Ion:105 Resp: 191299
 Ion Ratio Lower Upper
 105 100
 120 51.5 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 5.145 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049078.D
 Acq: 12 Jun 2022 01:51

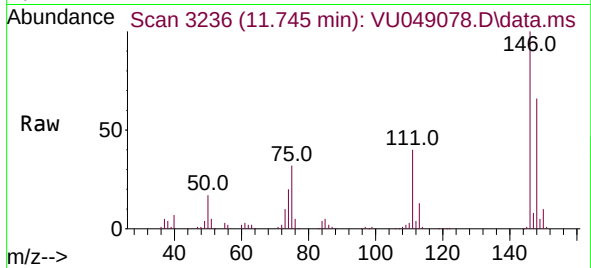
Tgt Ion:105 Resp: 199539
 Ion Ratio Lower Upper
 105 100
 120 47.4 36.7 55.1



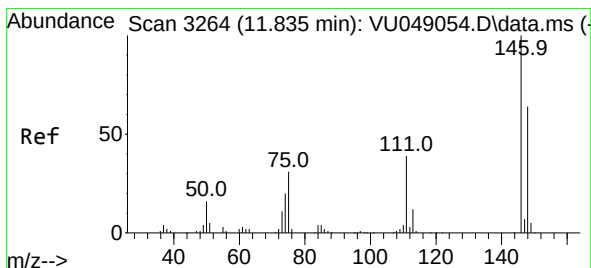
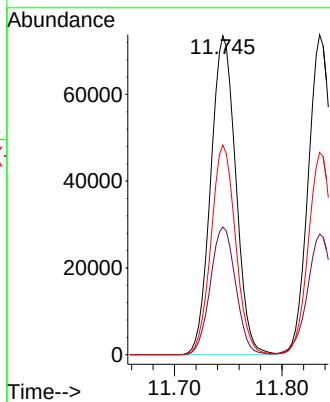
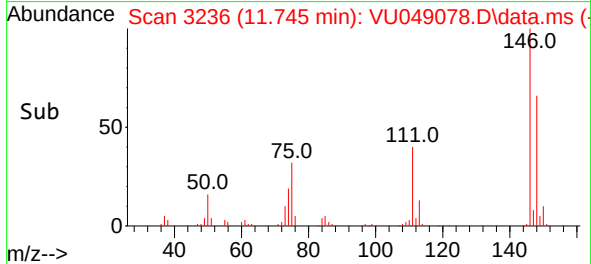


#64
1,3-Dichlorobenzene
Concen: 5.145 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

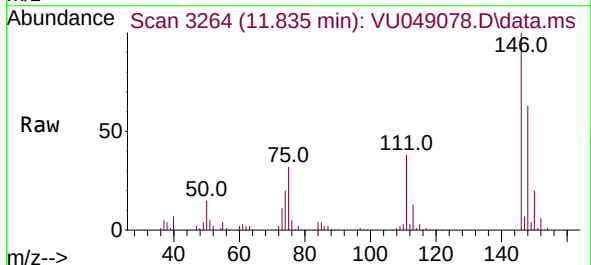
Instrument :
MSVOA_U
ClientSampleId :



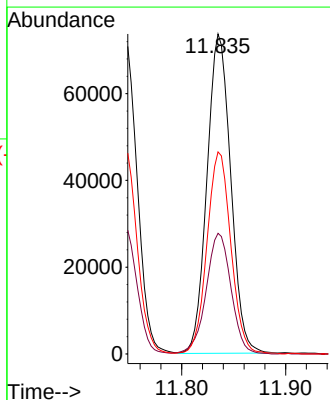
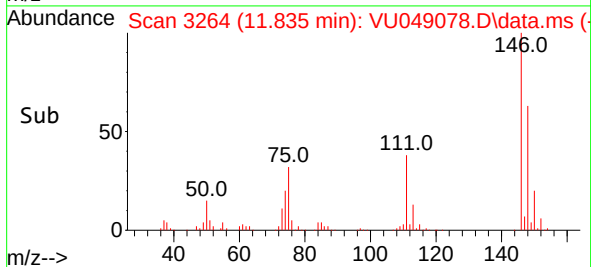
Tgt Ion:146 Resp: 118820
Ion Ratio Lower Upper
146 100
111 40.0 29.8 55.4
148 65.7 47.0 87.2

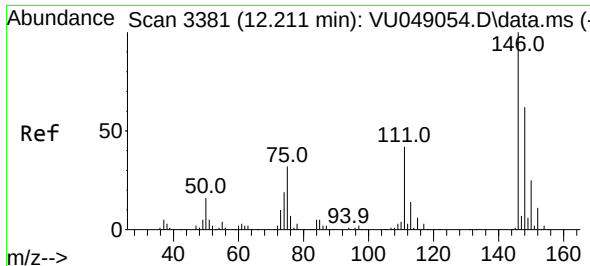


#65
1,4-Dichlorobenzene
Concen: 5.197 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51



Tgt Ion:146 Resp: 116747
Ion Ratio Lower Upper
146 100
111 37.7 27.2 50.6
148 63.1 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 5.197 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

Instrument :

MSVOA_U

ClientSampleId :

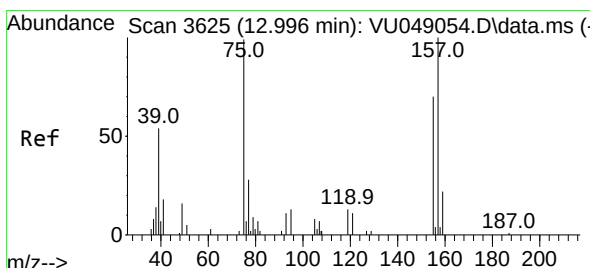
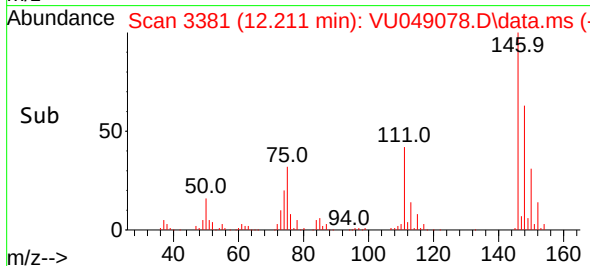
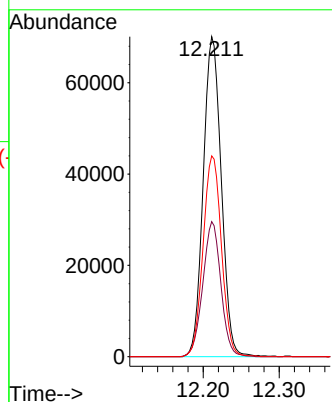
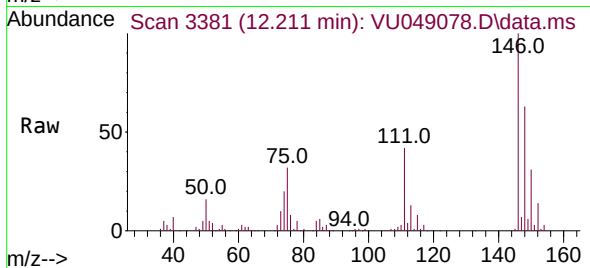
Tgt Ion:146 Resp: 115655

Ion Ratio Lower Upper

146 100

111 42.2 34.1 51.1

148 62.8 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.253 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

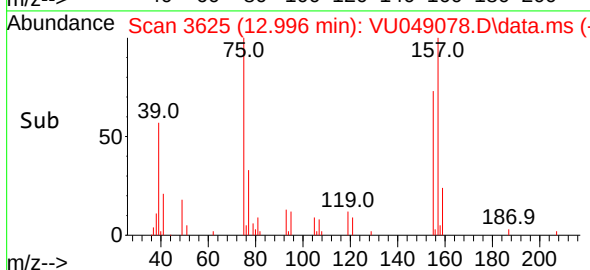
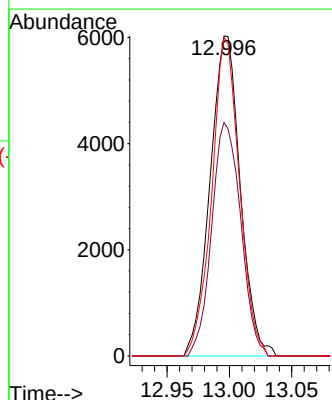
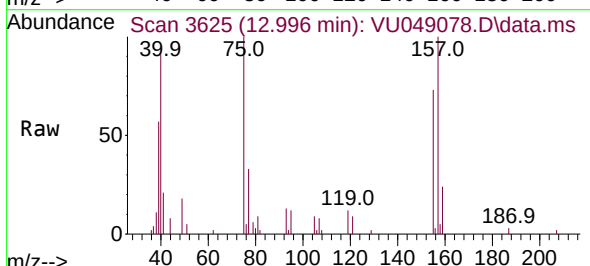
Tgt Ion: 75 Resp: 10141

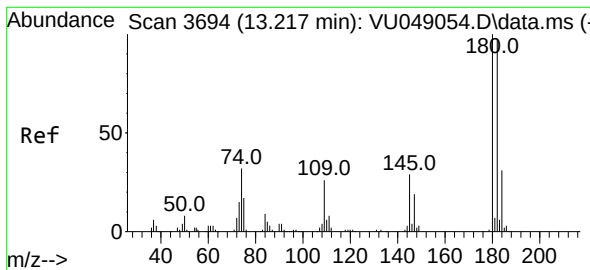
Ion Ratio Lower Upper

75 100

155 72.9 65.8 98.6

157 99.5 78.6 118.0





#69

1,3,5-Trichlorobenzene

Concen: 5.021 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

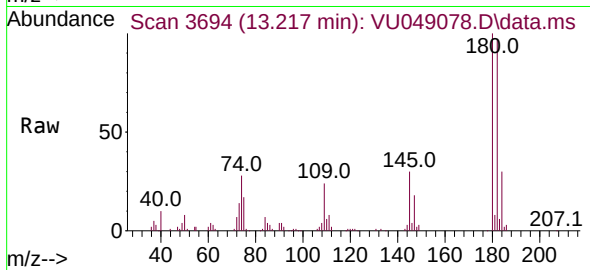
Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 86740

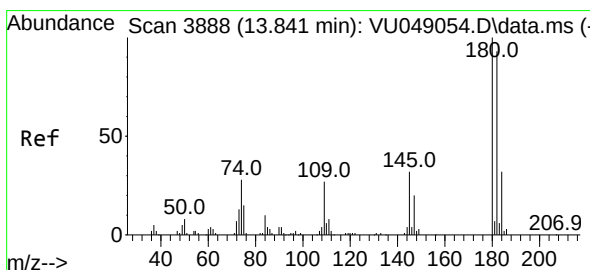
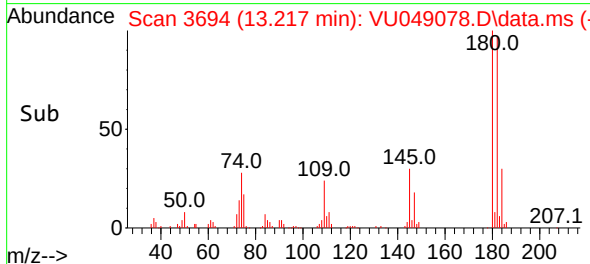
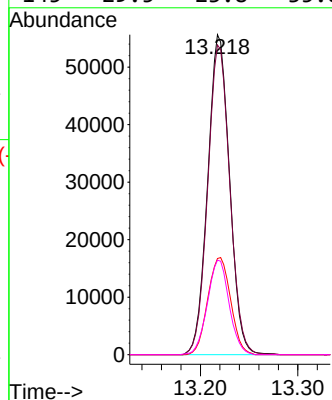
Ion Ratio Lower Upper

180 100

182 97.8 77.1 115.7

184 31.8 23.6 35.4

145 29.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 4.748 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU049078.D

Acq: 12 Jun 2022 01:51

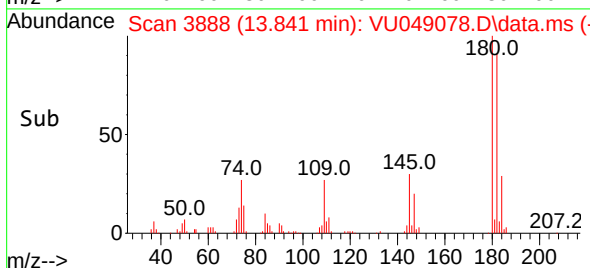
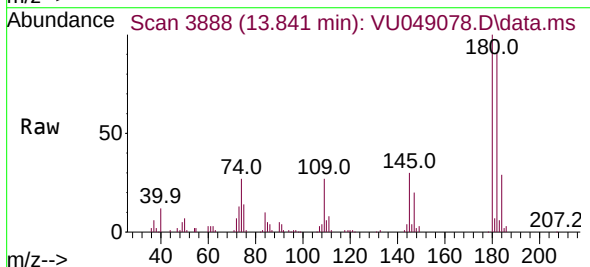
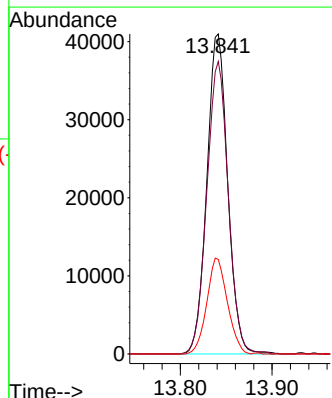
Tgt Ion:180 Resp: 64732

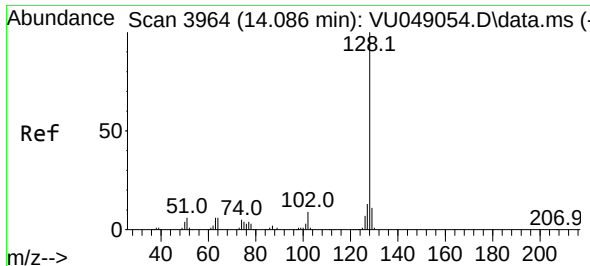
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

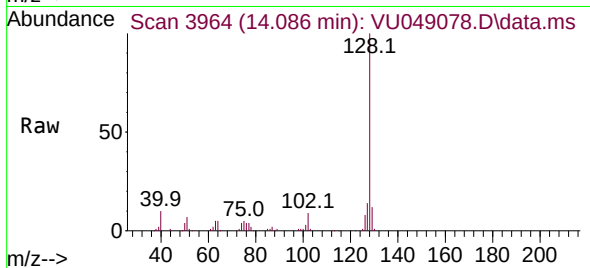
145 29.6 23.1 34.7



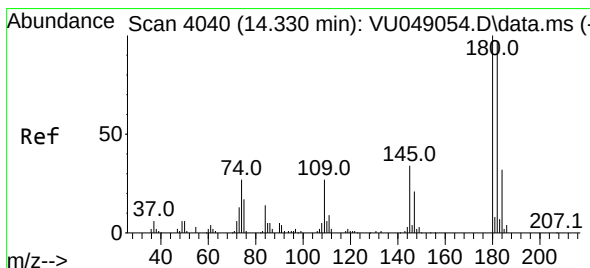
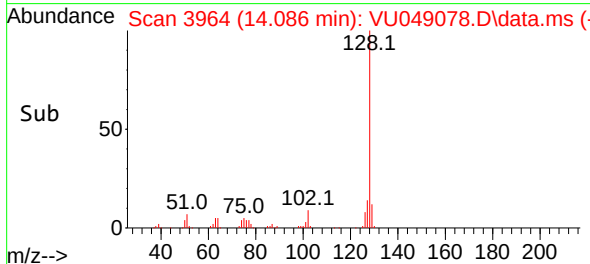
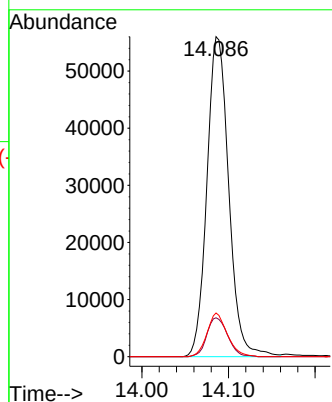


#71
Naphthalene
Concen: 3.686 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 98167
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 12.6 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.823 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049078.D
Acq: 12 Jun 2022 01:51

Tgt Ion:180 Resp: 62669
Ion Ratio Lower Upper
180 100
182 96.6 74.6 112.0
145 33.0 24.4 36.6

