

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
 Data File : VU044748.D
 Acq On : 22 Sep 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 23 02:53:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 22 01:40:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	119162	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	118855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	61751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32021	4.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.916	69	30170	4.205	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.571	65	14475	4.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.642	46	108319	36.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.500%
24) Chloroform-d	5.070	84	70086	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.710	65	40347	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.735	84	126793	4.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.697	67	44770	4.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.902	98	111979	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.185	79	13451	3.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.645	63	101404	44.972	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.940%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41220	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	41815	4.104	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41961	4.416	ug/L	97
3) Chloromethane	1.520	50	53997	4.727	ug/L	98
5) Vinyl chloride	1.607	62	52867	4.537	ug/L	94
6) Bromomethane	1.861	94	23823	3.990	ug/L	99
8) Chloroethane	1.938	64	36317	4.890	ug/L	96
9) Trichlorofluoromethane	2.141	101	67723	5.161	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	39171	4.863	ug/L	99
12) 1,1-Dichloroethene	2.584	96	36437	4.760	ug/L	93
13) Acetone	2.649	43	72726	37.885	ug/L	99
14) Carbon disulfide	2.800	76	94803	3.912	ug/L	99
15) Methyl Acetate	2.961	43	15877	4.581	ug/L	100
16) Methylene chloride	3.051	84	76602	6.292	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	115222	5.445	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	39106	4.805	ug/L	97
19) 1,1-Dichloroethane	3.877	63	86318	5.246	ug/L	97
21) 2-Butanone	4.723	43	131495	41.025	ug/L	87
22) cis-1,2-Dichloroethene	4.674	96	45162	5.034	ug/L	99
23) Bromochloromethane	4.983	128	21073	5.545	ug/L	95
25) Chloroform	5.096	83	89393	5.099	ug/L	97

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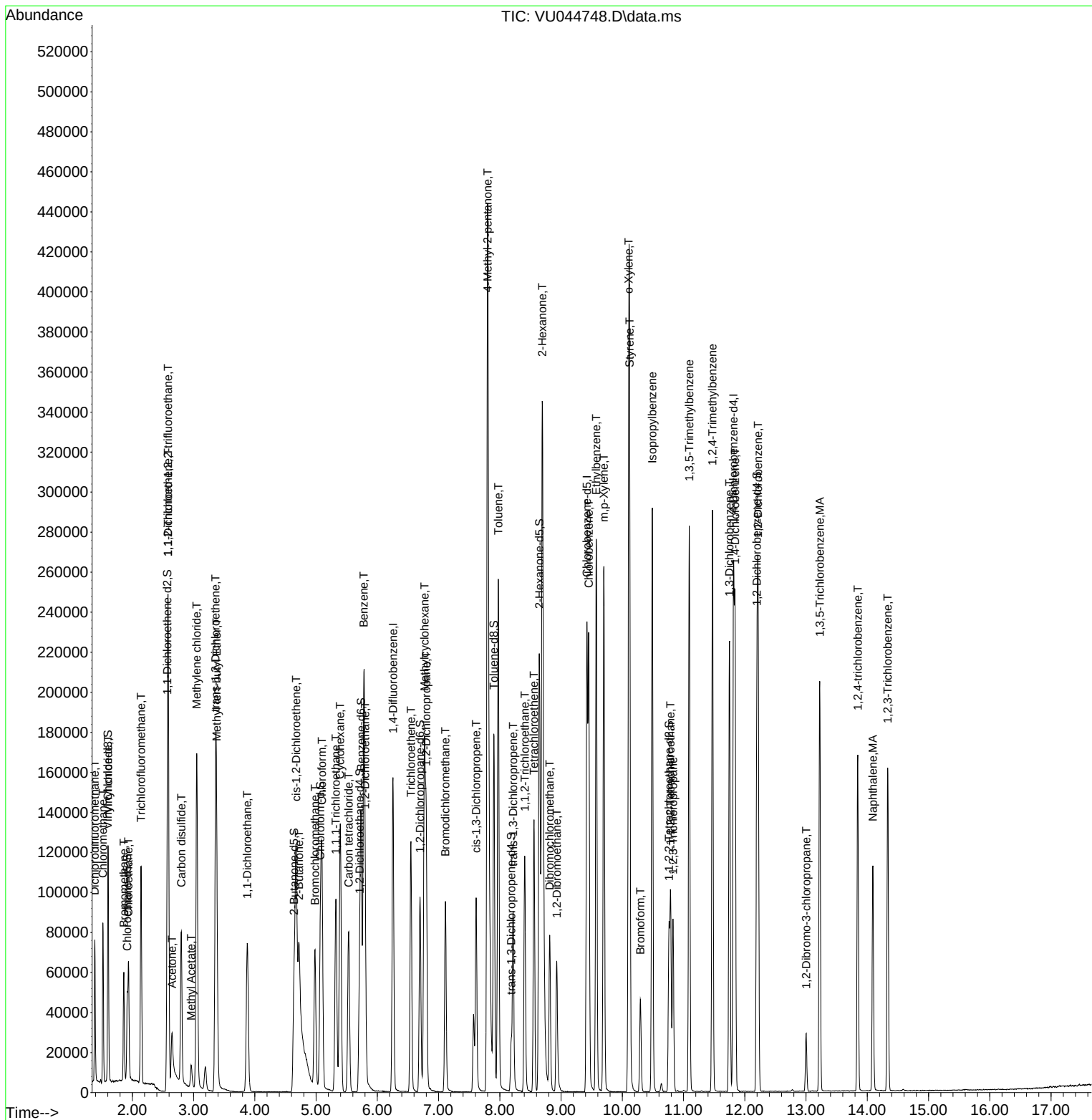
Instrument :
 MSVOA_U
 ClientSampleId :

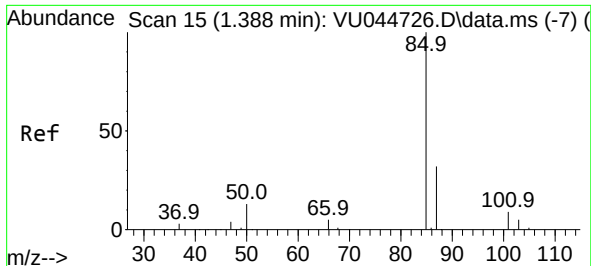
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	63431	5.526	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	68137	5.261	ug/L	100
30) Cyclohexane	5.395	56	62845	4.237	ug/L	97
31) Carbon tetrachloride	5.533	117	51845	5.115	ug/L	98
33) Benzene	5.780	78	176152	4.994	ug/L	100
34) Trichloroethene	6.549	95	42609	4.879	ug/L	95
35) Methylcyclohexane	6.771	83	59067	4.116	ug/L	99
37) 1,2-Dichloropropane	6.800	63	50235	5.315	ug/L	100
38) Bromodichloromethane	7.112	83	62831	5.482	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	54954	4.104	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	391443	53.204	ug/L	100
42) Toluene	7.976	91	180380	4.896	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	47604	4.166	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	37775	5.620	ug/L	95
47) Tetrachloroethene	8.558	164	28669	4.728	ug/L	98
48) 2-Hexanone	8.693	43	278451	50.846	ug/L	99
49) Dibromochloromethane	8.816	129	38850	5.502	ug/L	98
50) 1,2-Dibromoethane	8.931	107	33367	5.273	ug/L	99
51) Chlorobenzene	9.452	112	112798	4.939	ug/L	97
52) Ethylbenzene	9.574	91	187307	4.694	ug/L	99
53) m,p-Xylene	9.700	106	72492	4.777	ug/L	99
54) o-Xylene	10.105	106	71101	4.905	ug/L	98
55) Styrene	10.121	104	122893	4.843	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	48264	5.349	ug/L	100
59) Bromoform	10.295	173	21044	5.483	ug/L	100
60) Isopropylbenzene	10.491	105	184266	4.767	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	35805	5.248	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	147523	4.595	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	153876	4.667	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	86277	4.787	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	87103	4.684	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	83882	4.903	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	7445	4.961	ug/L	90
69) 1,3,5-Trichlorobenzene	13.224	180	59067	4.311	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	47030	4.069	ug/L	100
71) Naphthalene	14.092	128	85837	3.807	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	46108	4.334	ug/L	98

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

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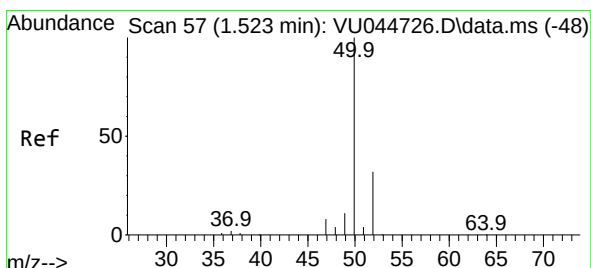
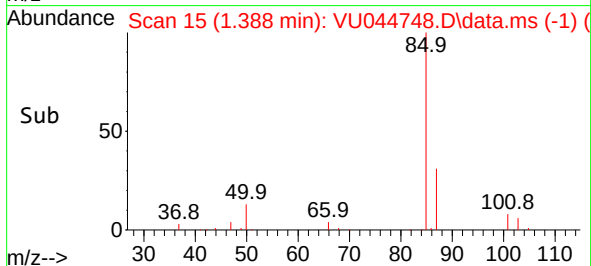
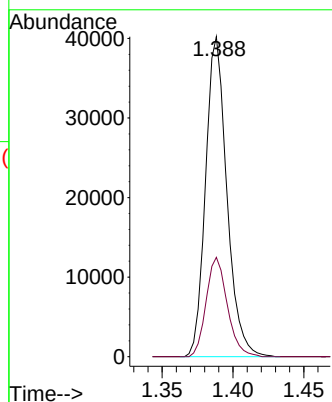
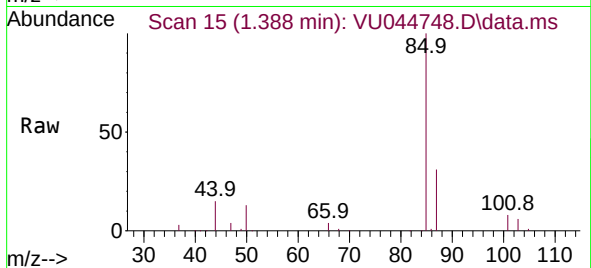




#2
Dichlorodifluoromethane
Concen: 4.416 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

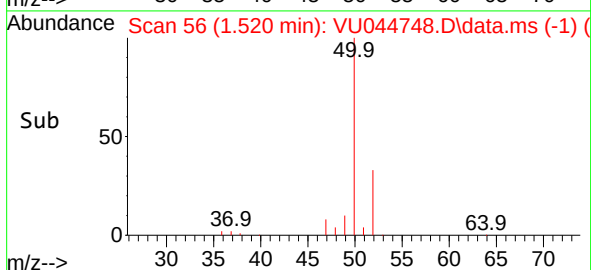
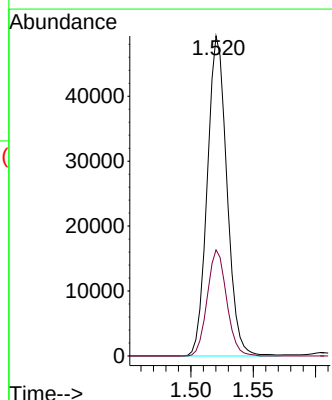
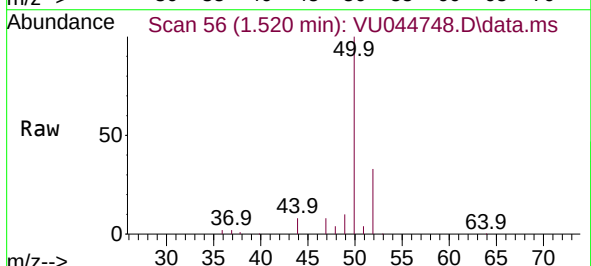
Instrument :
MSVOA_U
ClientSampled :

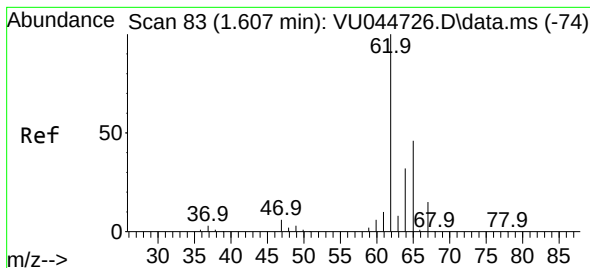
Tgt Ion: 85 Resp: 41961
Ion Ratio Lower Upper
85 100
87 30.8 26.0 39.0



#3
Chloromethane
Concen: 4.727 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 50 Resp: 53997
Ion Ratio Lower Upper
50 100
52 33.2 22.6 42.0





#5

Vinyl chloride

Concen: 4.537 ug/L

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU044748.D

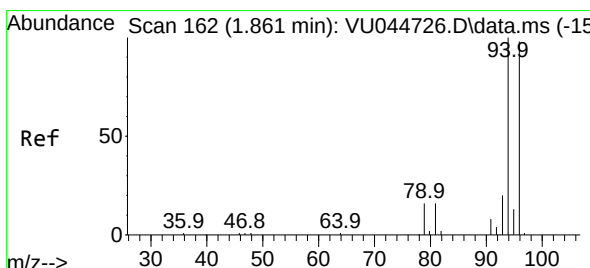
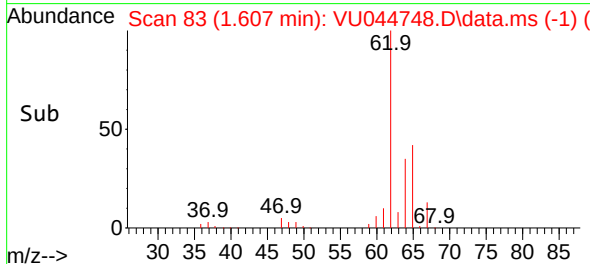
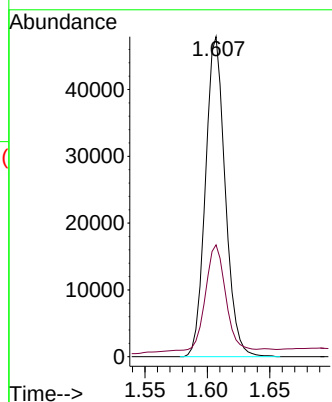
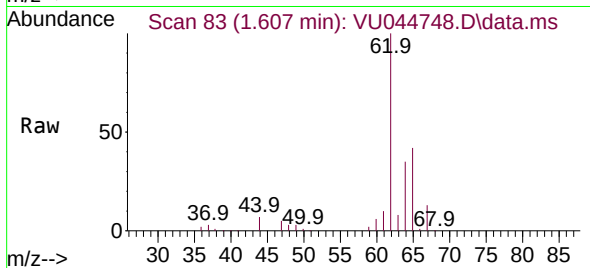
Acq: 22 Sep 2021 09:41

Tgt Ion: 62 Resp: 52867

Ion Ratio Lower Upper

62 100

64 35.0 22.0 40.8



#6

Bromomethane

Concen: 3.990 ug/L

RT: 1.861 min Scan# 162

Delta R.T. -0.000 min

Lab File: VU044748.D

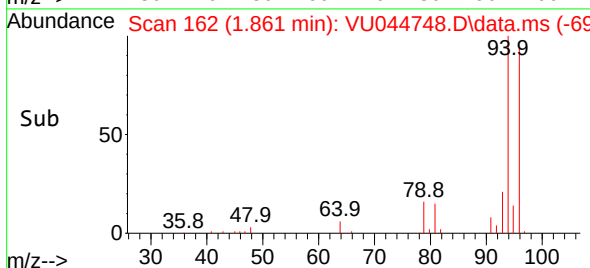
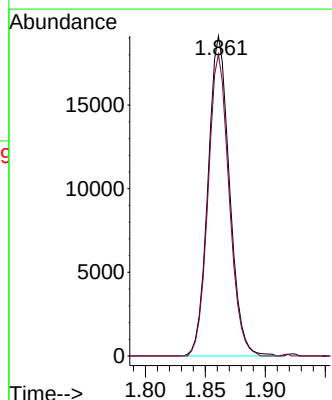
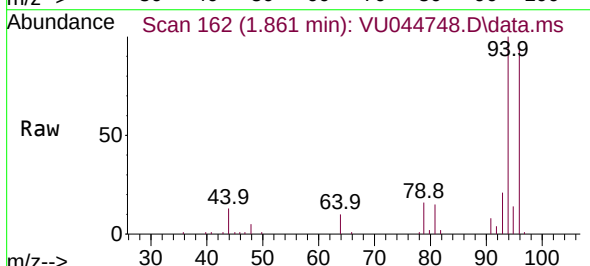
Acq: 22 Sep 2021 09:41

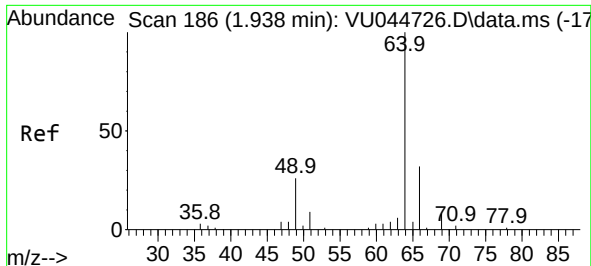
Tgt Ion: 94 Resp: 23823

Ion Ratio Lower Upper

94 100

96 94.3 66.4 123.4

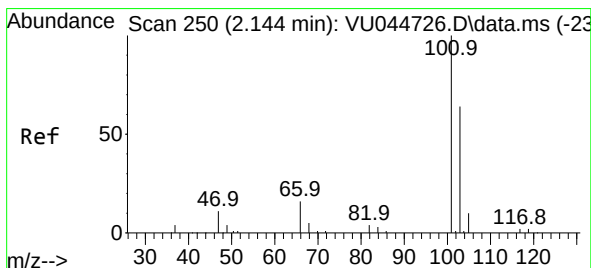
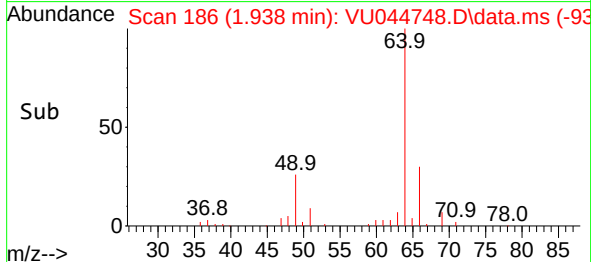
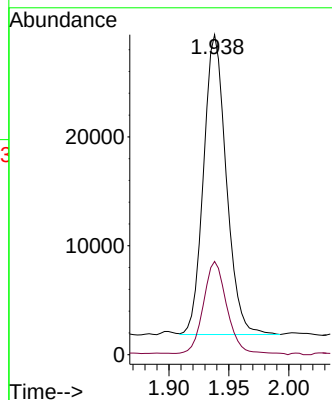
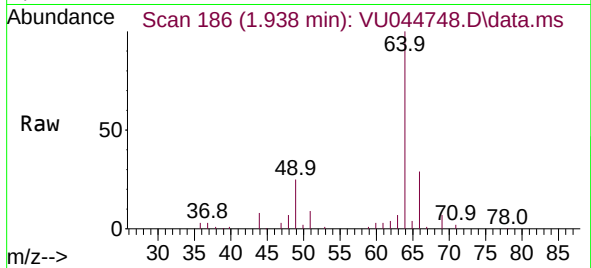




#8
Chloroethane
Concen: 4.890 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

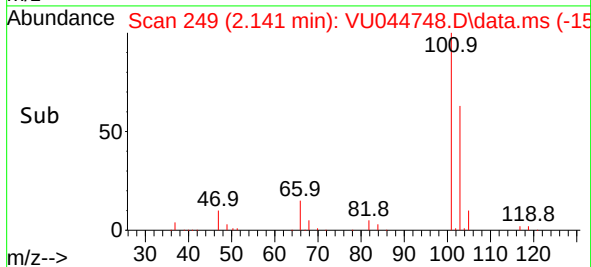
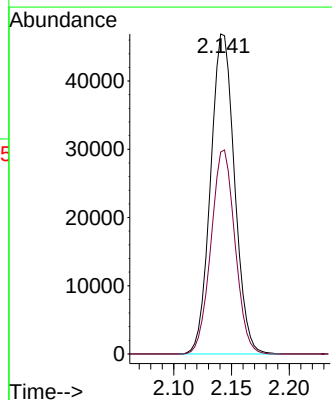
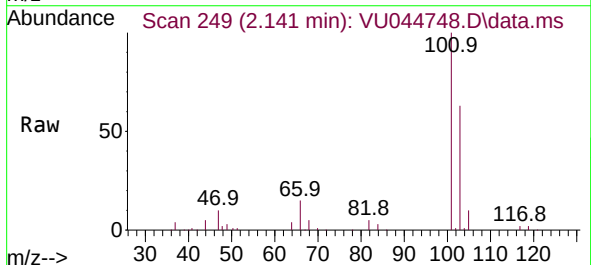
Instrument :
MSVOA_U
ClientSampled :

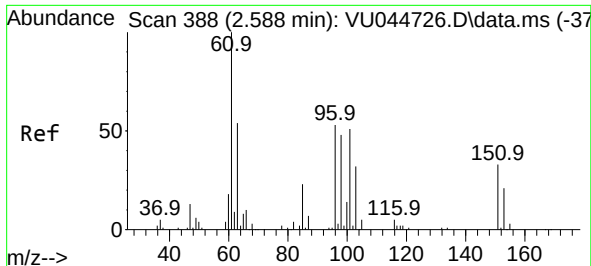
Tgt Ion: 64 Resp: 36317
Ion Ratio Lower Upper
64 100
66 29.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.161 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion:101 Resp: 67723
Ion Ratio Lower Upper
101 100
103 63.8 51.2 76.8

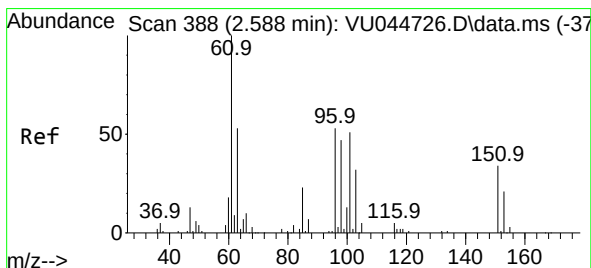
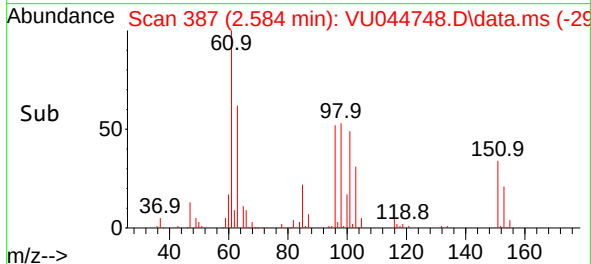
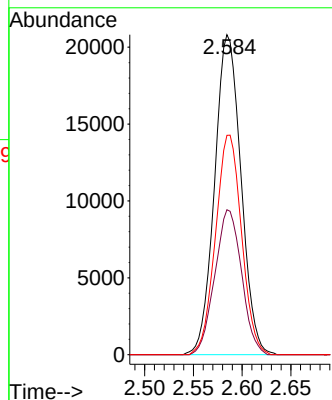
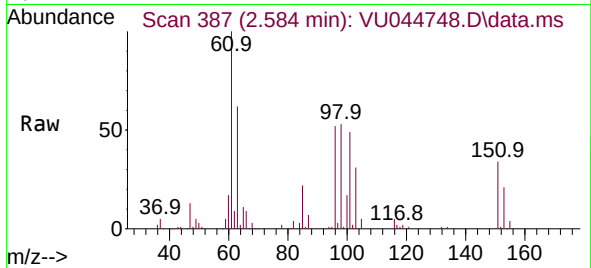




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.863 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

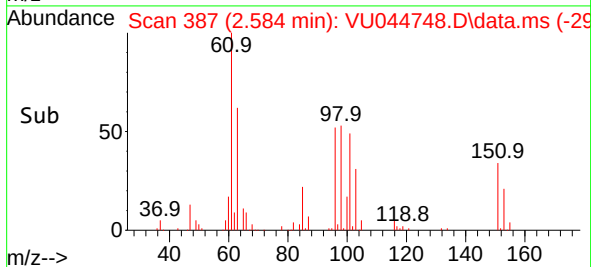
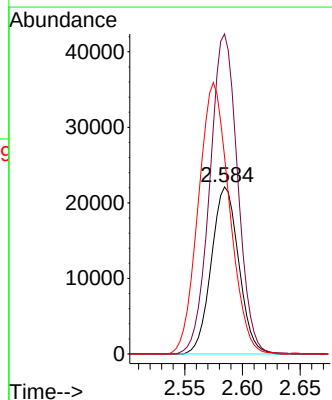
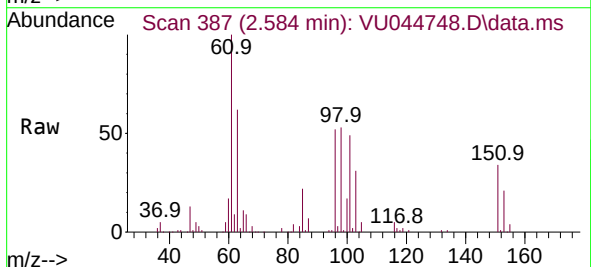
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MSVOA_U
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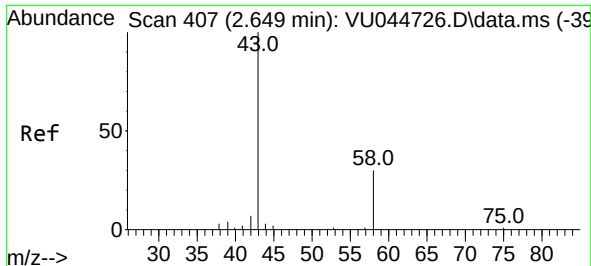
Tgt Ion:101 Resp: 39171
Ion Ratio Lower Upper
101 100
85 45.9 35.4 53.2
151 67.8 53.9 80.9



#12
1,1-Dichloroethene
Concen: 4.760 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 96 Resp: 36437
Ion Ratio Lower Upper
96 100
61 191.6 129.3 240.1
63 118.5 91.3 169.5

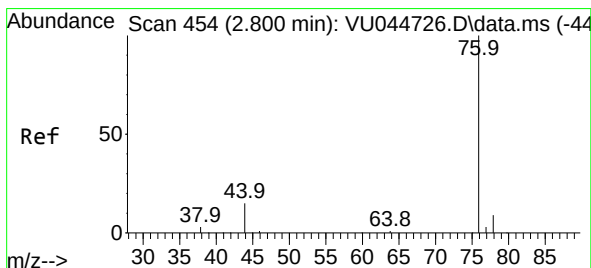
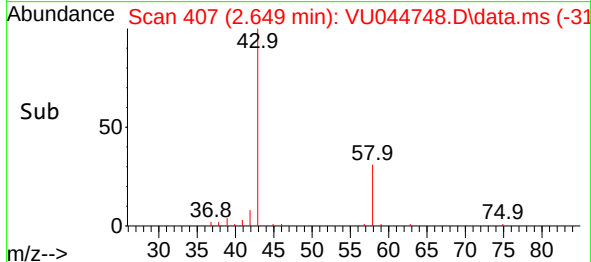
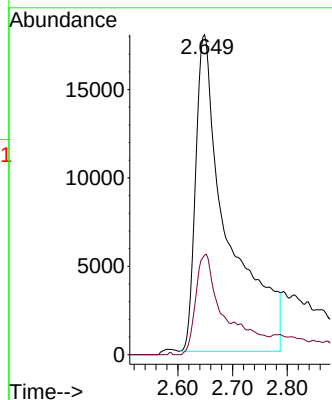
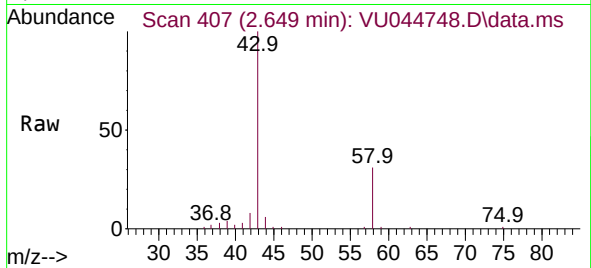




#13
Acetone
Concen: 37.885 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

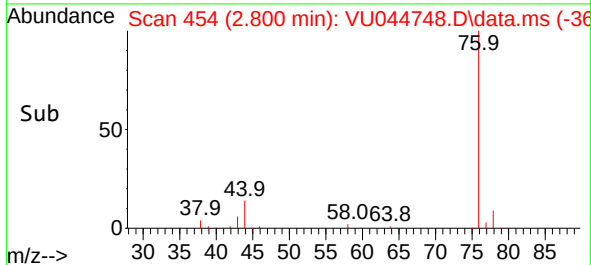
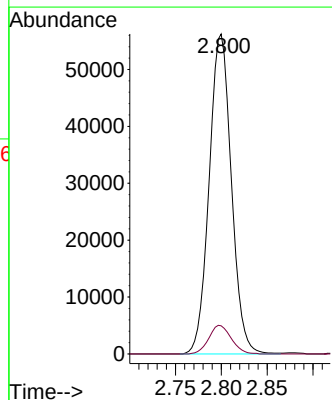
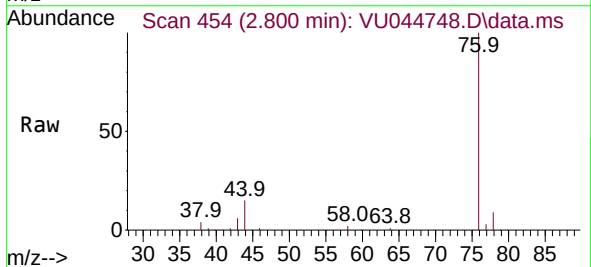
Instrument :
MSVOA_U
ClientSampled :

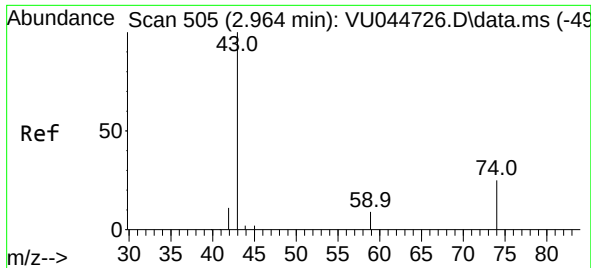
Tgt Ion: 43 Resp: 72726
Ion Ratio Lower Upper
43 100
58 21.8 0.0 42.4



#14
Carbon disulfide
Concen: 3.912 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 76 Resp: 94803
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

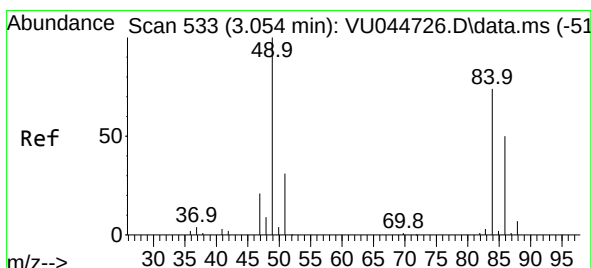
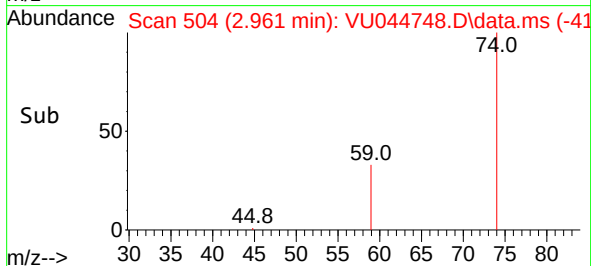
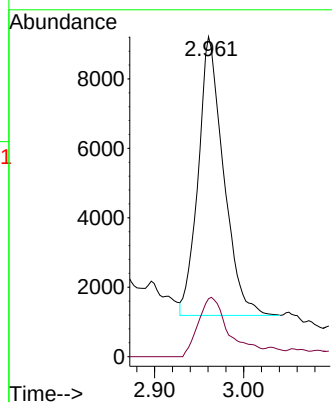
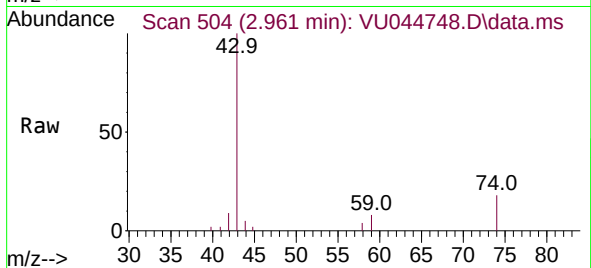




#15
Methyl Acetate
Concen: 4.581 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

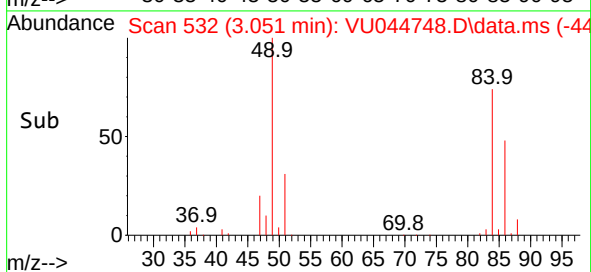
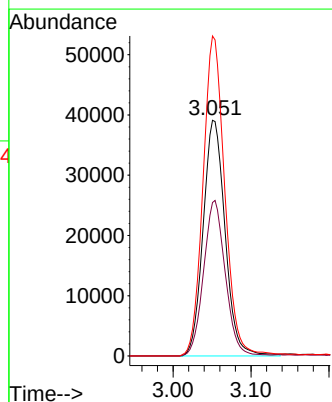
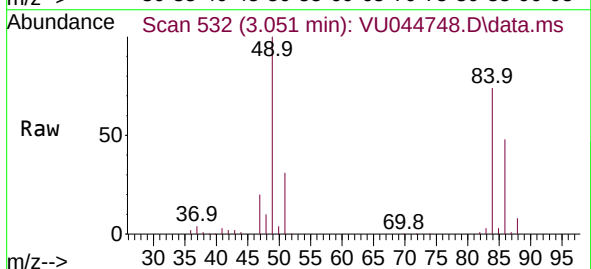
Instrument :
MSVOA_U
ClientSampled :

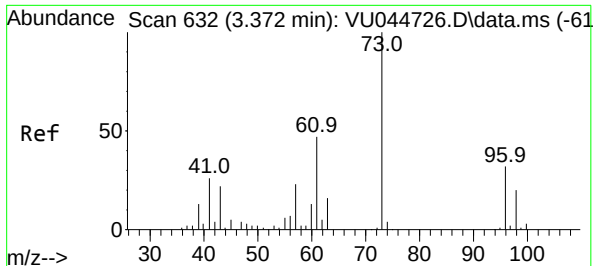
Tgt Ion: 43 Resp: 15877
Ion Ratio Lower Upper
43 100
74 25.9 20.6 30.8



#16
Methylene chloride
Concen: 6.292 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 84 Resp: 76602
Ion Ratio Lower Upper
84 100
86 65.1 45.8 85.2
49 135.7 92.9 172.5



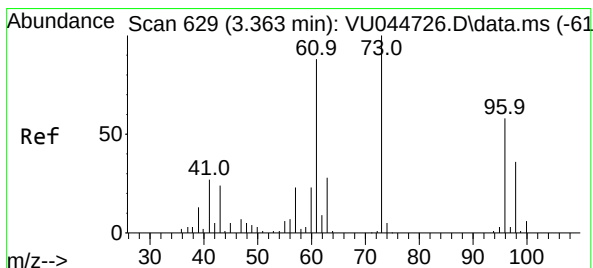
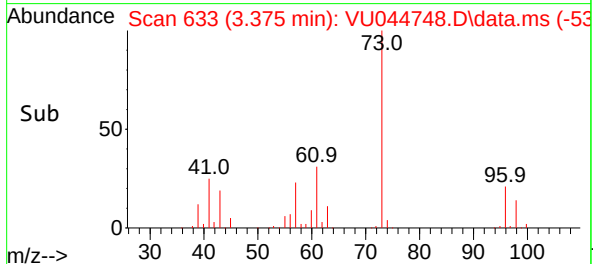
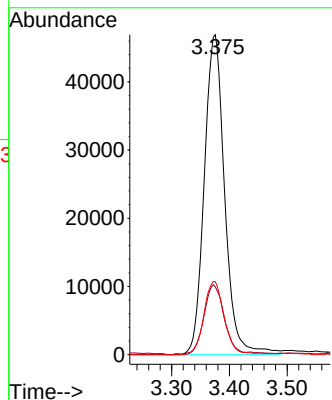
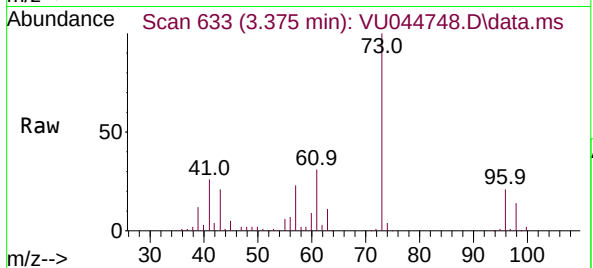


#17

Methyl tert-butyl Ether
Concen: 5.445 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

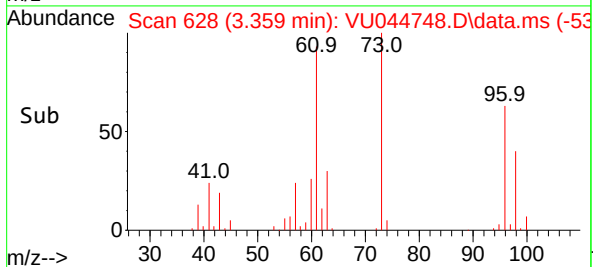
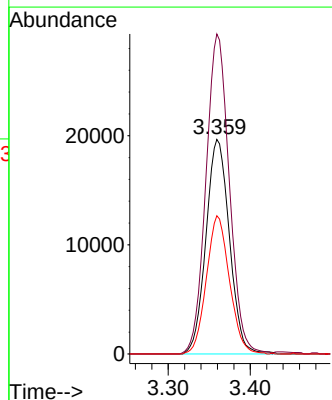
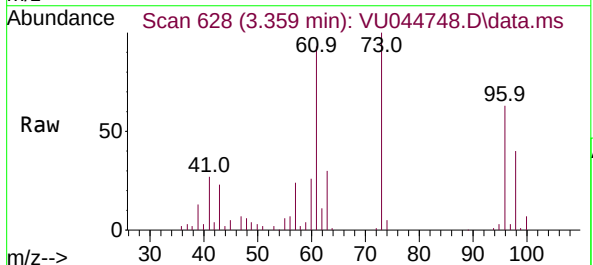
Tgt Ion: 73 Resp: 115222
Ion Ratio Lower Upper
73 100
43 21.1 17.8 26.6
57 22.5 18.6 27.8

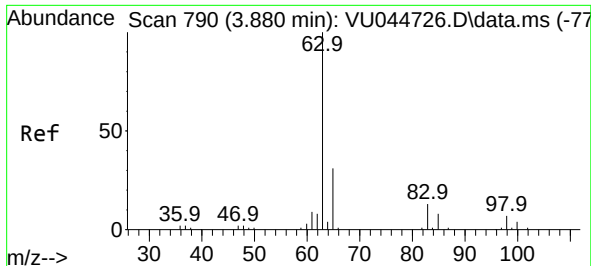


#18

trans-1,2-Dichloroethene
Concen: 4.805 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 96 Resp: 39106
Ion Ratio Lower Upper
96 100
61 149.1 107.2 199.0
98 64.4 42.8 79.6





#19

1,1-Dichloroethane

Concen: 5.246 ug/L

RT: 3.877 min Scan# 789

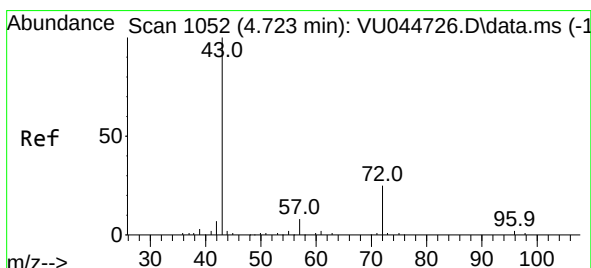
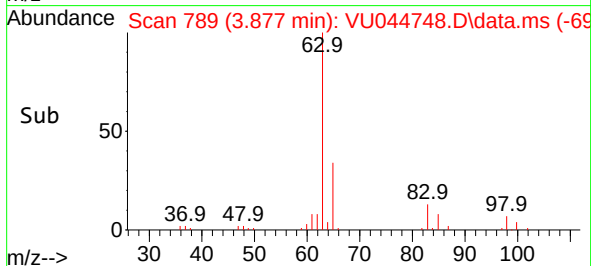
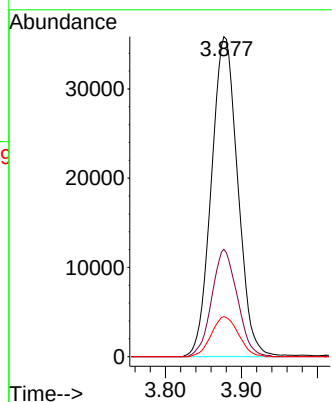
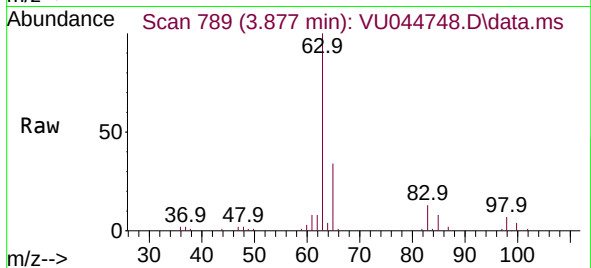
Delta R.T. -0.003 min

Lab File: VU044748.D

Acq: 22 Sep 2021 09:41

Tgt Ion:	63	Resp:	86318
Ion Ratio	Lower	Upper	
63	100		
65	33.5	21.8	40.6
83	12.5	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 41.025 ug/L

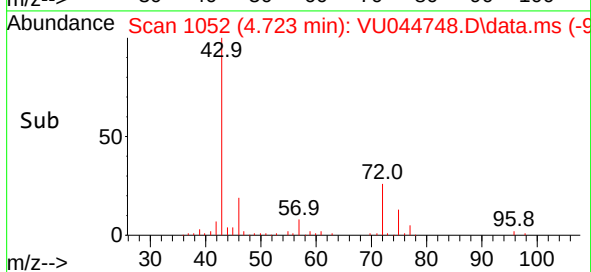
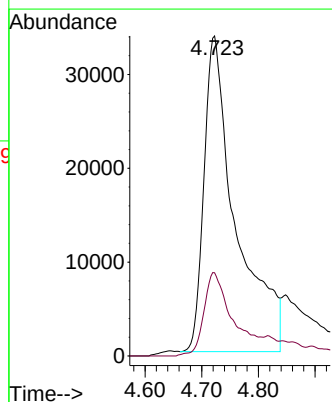
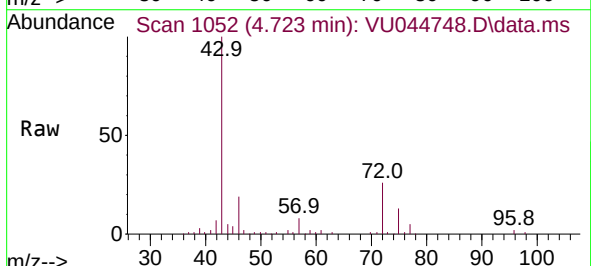
RT: 4.723 min Scan# 1052

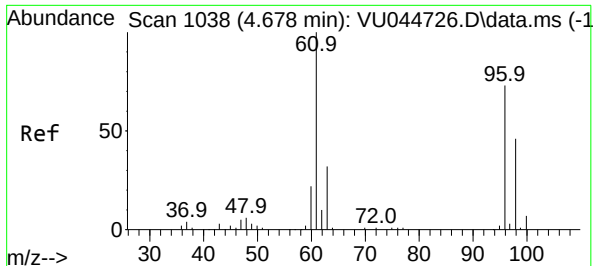
Delta R.T. -0.000 min

Lab File: VU044748.D

Acq: 22 Sep 2021 09:41

Tgt Ion:	43	Resp:	131495
Ion Ratio	Lower	Upper	
43	100		
72	24.1	9.2	27.4

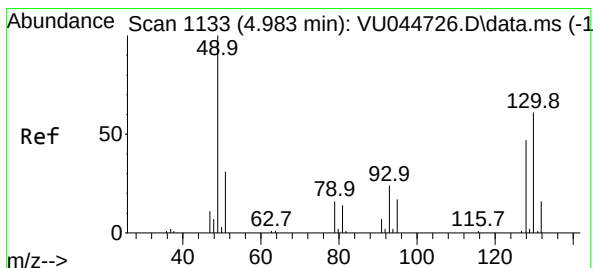
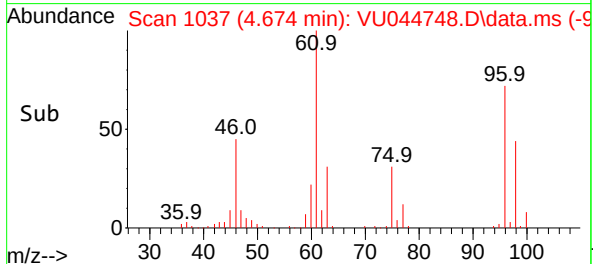
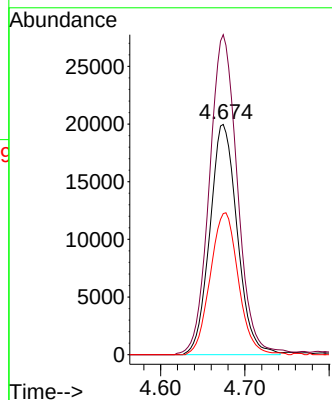
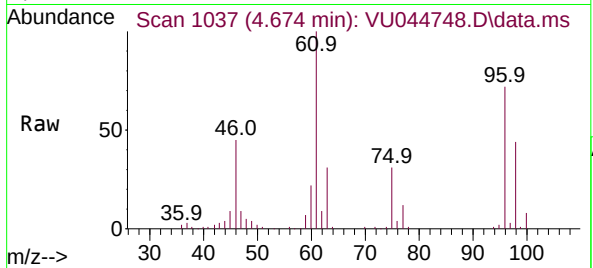




#22
cis-1,2-Dichloroethene
Concen: 5.034 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

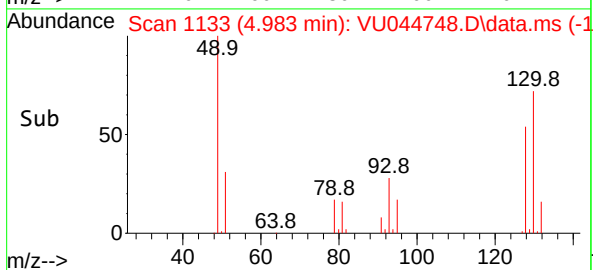
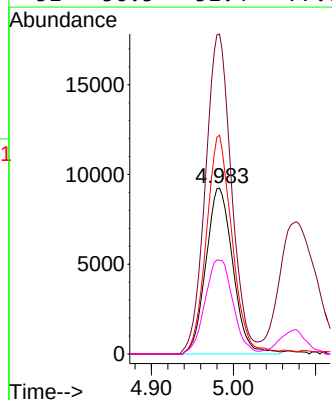
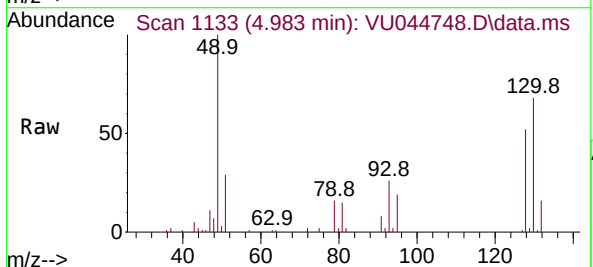
Instrument :
MSVOA_U
ClientSampled :

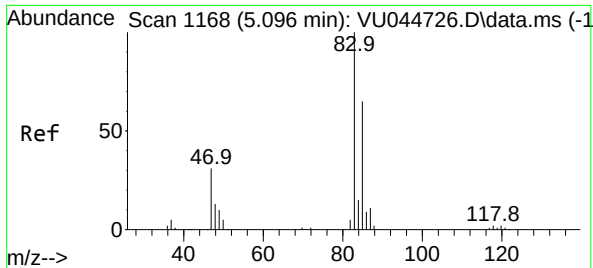
Tgt Ion: 96 Resp: 45162
Ion Ratio Lower Upper
96 100
61 139.0 96.9 179.9
98 61.3 43.5 80.7



#23
Bromochloromethane
Concen: 5.545 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion:128 Resp: 21073
Ion Ratio Lower Upper
128 100
49 192.9 141.4 262.6
130 131.9 94.3 175.1
51 56.5 51.4 77.0



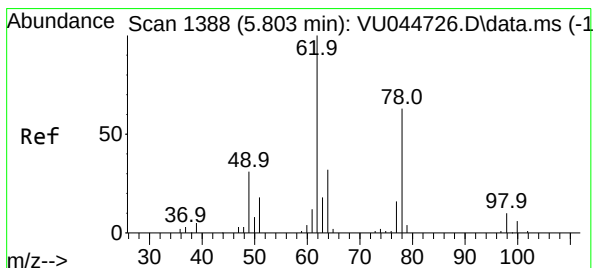
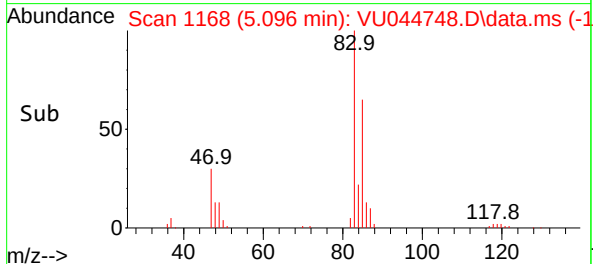
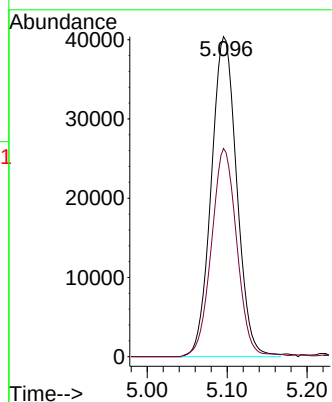
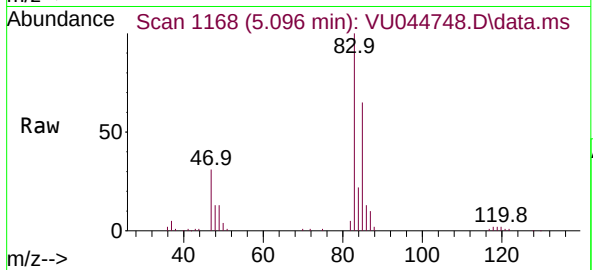


#25

Chloroform
Concen: 5.099 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

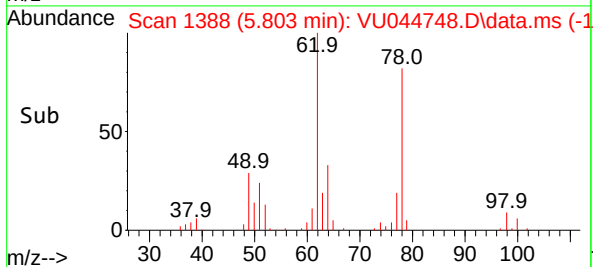
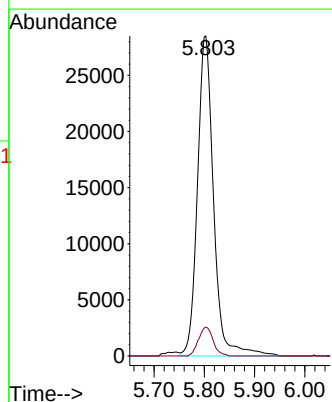
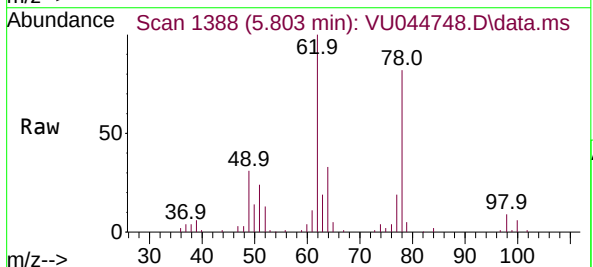
Tgt Ion: 83 Resp: 89393
Ion Ratio Lower Upper
83 100
85 65.1 44.2 82.0

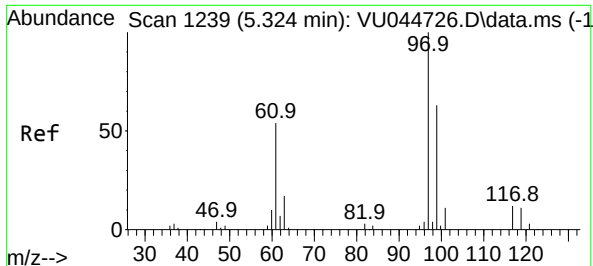


#27

1,2-Dichloroethane
Concen: 5.526 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 62 Resp: 63431
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.261 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU044748.D

Acq: 22 Sep 2021 09:41

Tgt Ion: 97 Resp: 68137

Ion Ratio Lower Upper

97 100

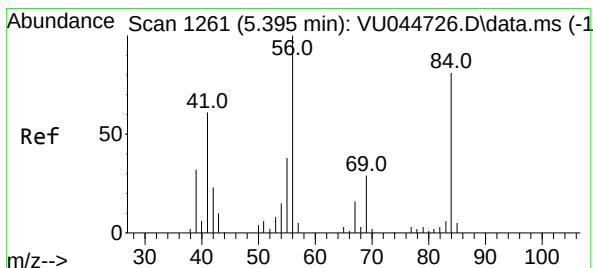
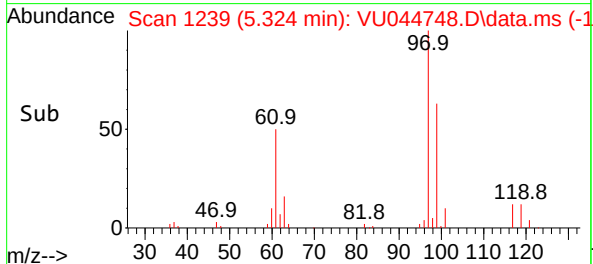
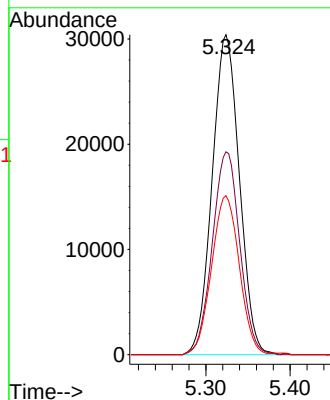
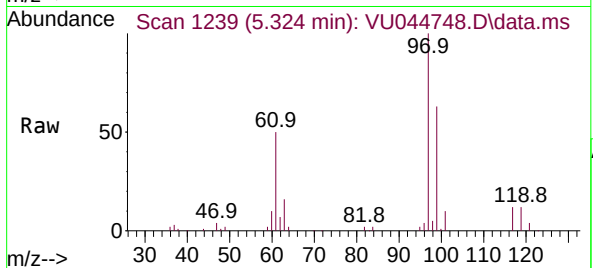
99 63.8 50.7 76.1

61 50.8 40.6 60.8

Instrument :

MSVOA_U

ClientSampled :



#30

Cyclohexane

Concen: 4.237 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU044748.D

Acq: 22 Sep 2021 09:41

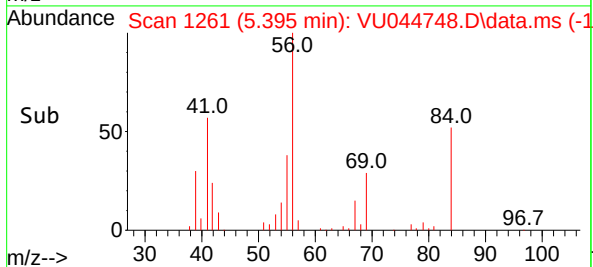
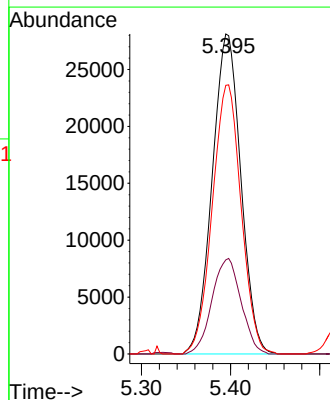
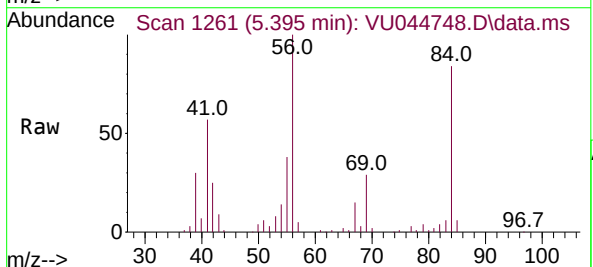
Tgt Ion: 56 Resp: 62845

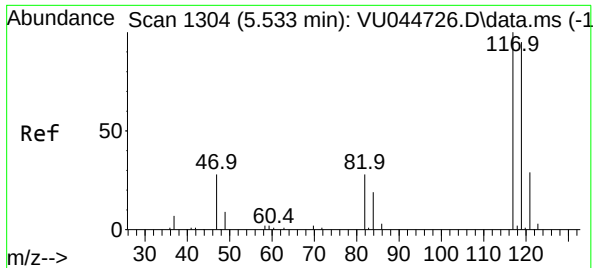
Ion Ratio Lower Upper

56 100

69 30.2 23.4 35.2

84 84.5 65.5 98.3

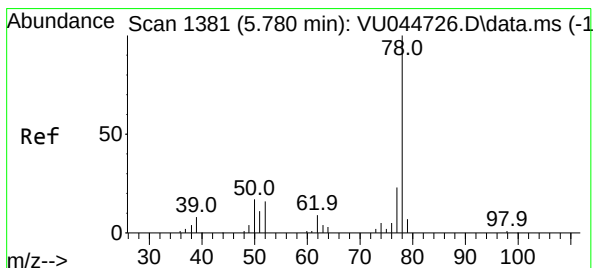
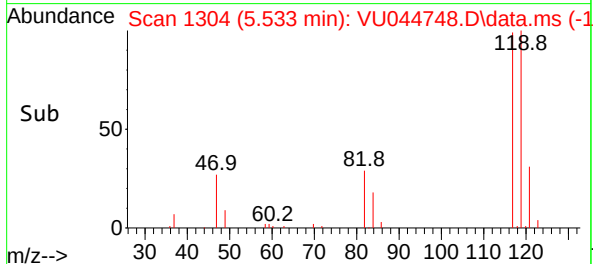
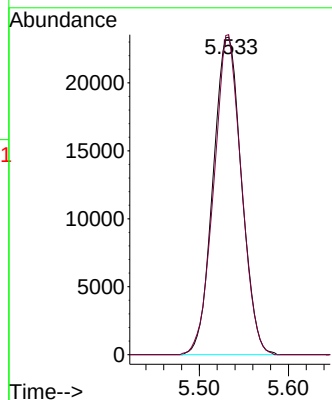
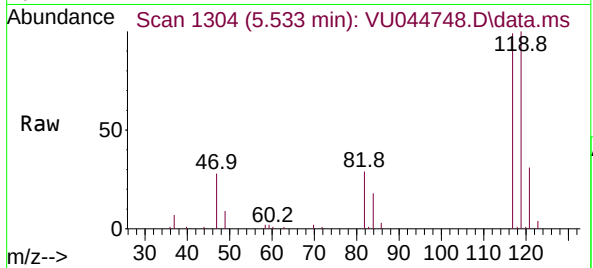




#31
Carbon tetrachloride
Concen: 5.115 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

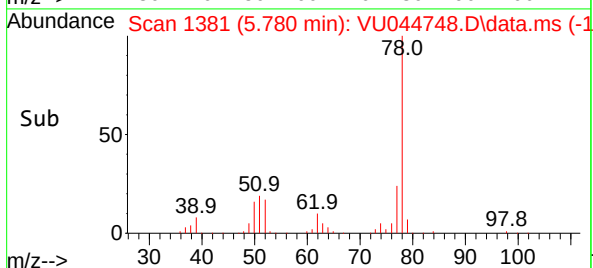
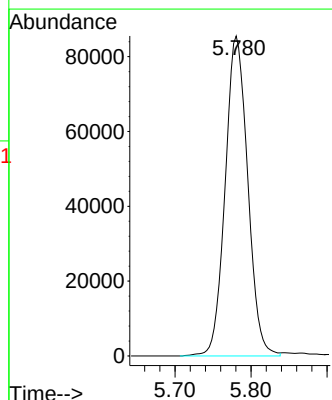
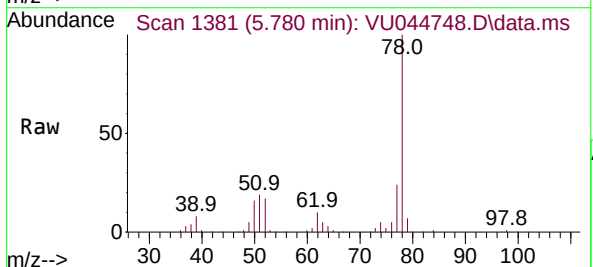
Instrument :
MSVOA_U
ClientSampled :

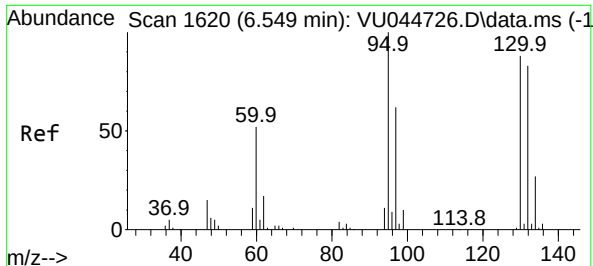
Tgt Ion:117 Resp: 51845
Ion Ratio Lower Upper
117 100
119 97.5 76.4 114.6



#33
Benzene
Concen: 4.994 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 78 Resp: 176152



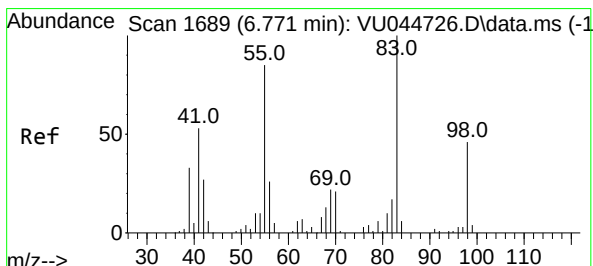
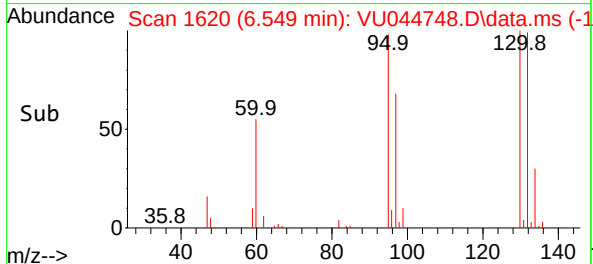
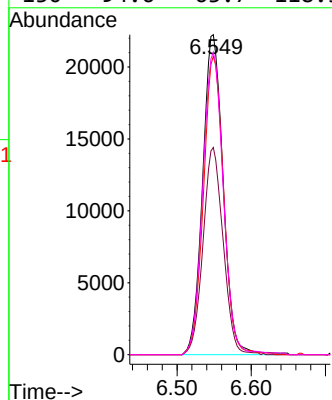
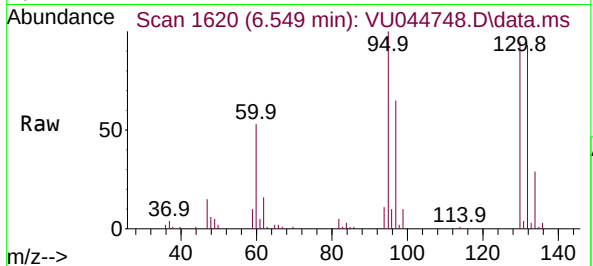


#34
Trichloroethene
Concen: 4.879 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 42609

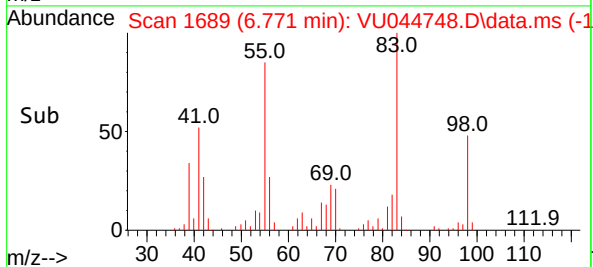
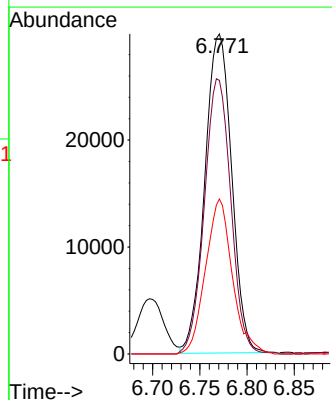
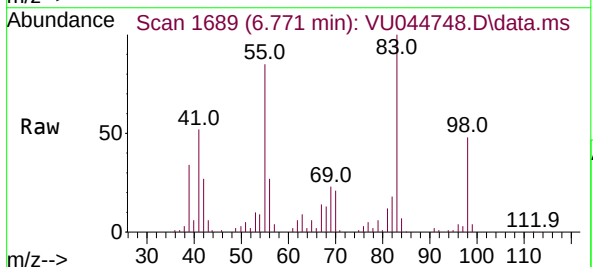
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.7	82.9
132	93.3	60.3	111.9
130	94.6	63.7	118.3

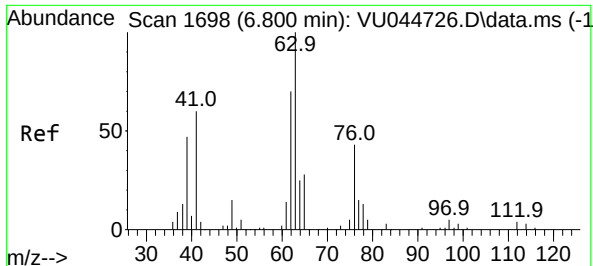


#35
Methylcyclohexane
Concen: 4.116 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 83 Resp: 59067

Ion	Ratio	Lower	Upper
83	100		
55	84.9	68.3	102.5
98	48.3	37.3	55.9



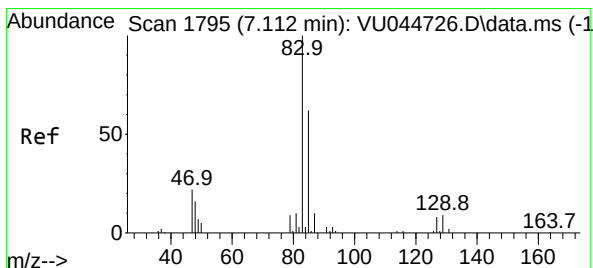
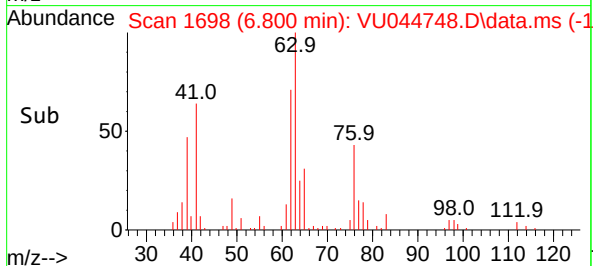
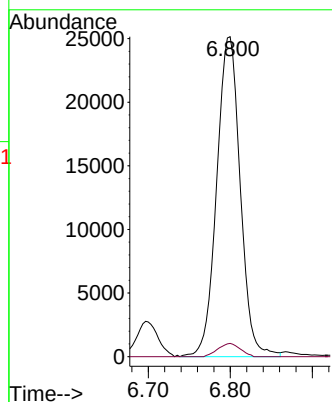
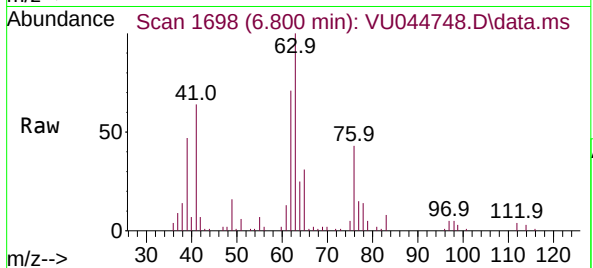


#37

1,2-Dichloropropane
Concen: 5.315 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

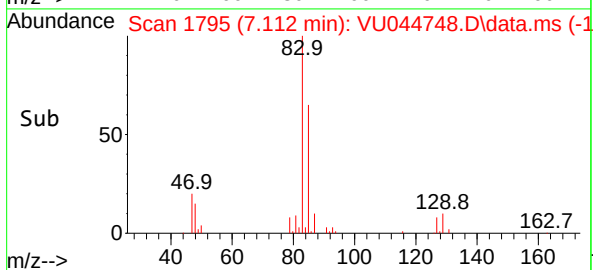
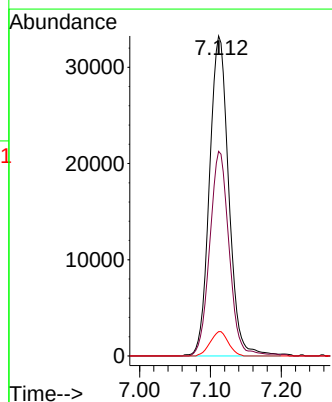
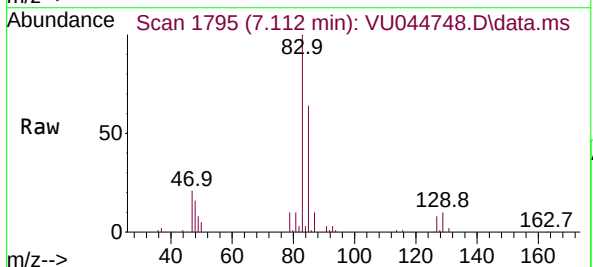
Tgt Ion: 63 Resp: 50235
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7

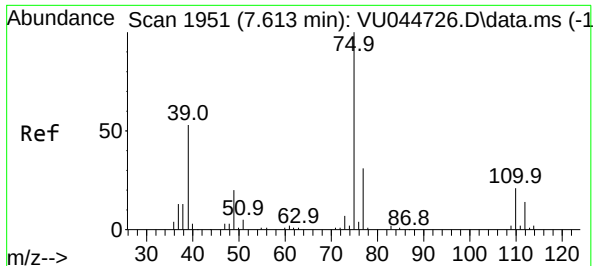


#38

Bromodichloromethane
Concen: 5.482 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 83 Resp: 62831
Ion Ratio Lower Upper
83 100
85 63.9 46.3 86.1
127 7.6 6.0 9.0

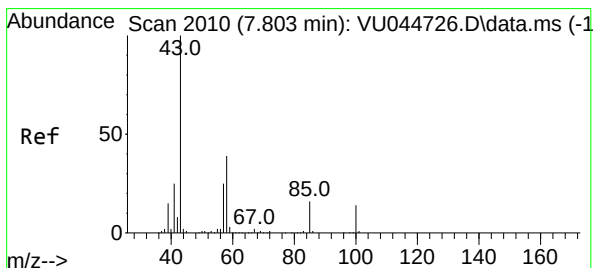
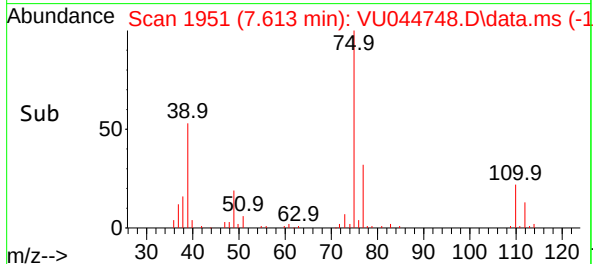
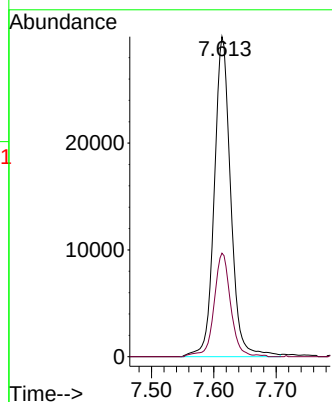
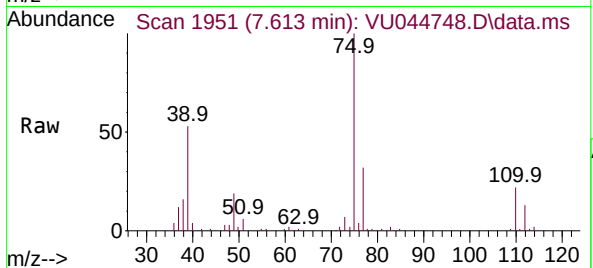




#39
 cis-1,3-Dichloropropene
 Concen: 4.104 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU044748.D
 Acq: 22 Sep 2021 09:41

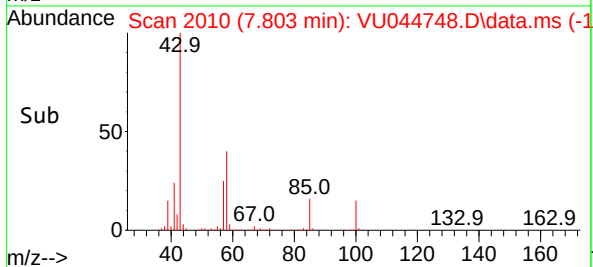
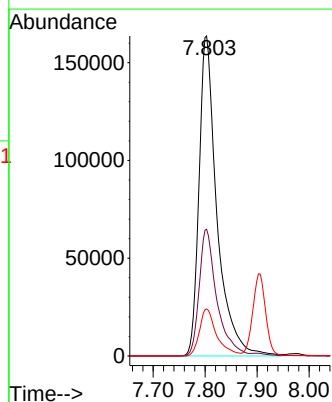
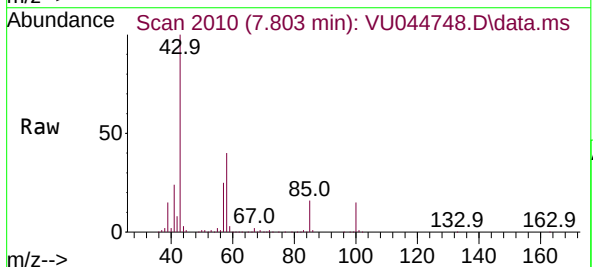
Instrument :
 MSVOA_U
 ClientSampled :

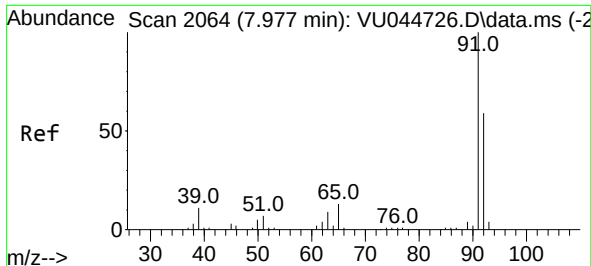
Tgt Ion: 75 Resp: 54954
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 53.204 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.000 min
 Lab File: VU044748.D
 Acq: 22 Sep 2021 09:41

Tgt Ion: 43 Resp: 391443
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.2 46.8
 100 14.1 11.4 17.0

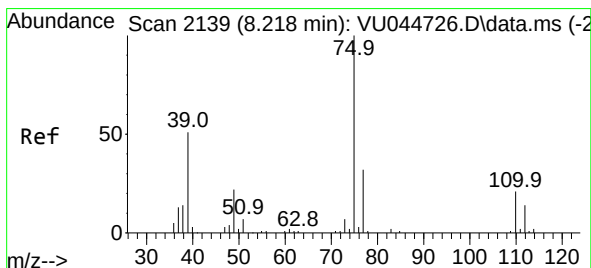
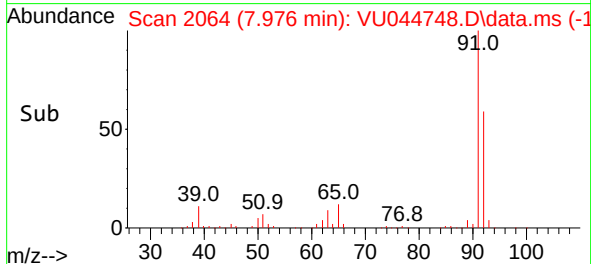
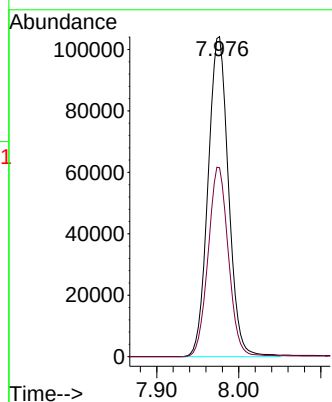
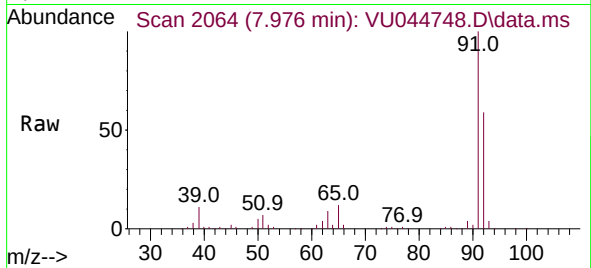




#42
Toluene
Concen: 4.896 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

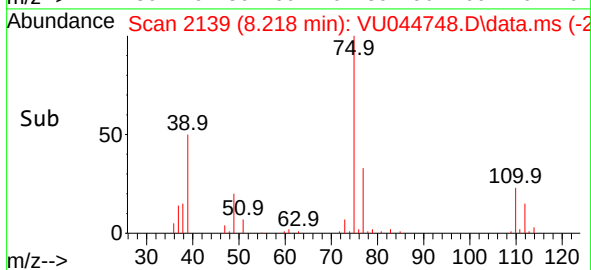
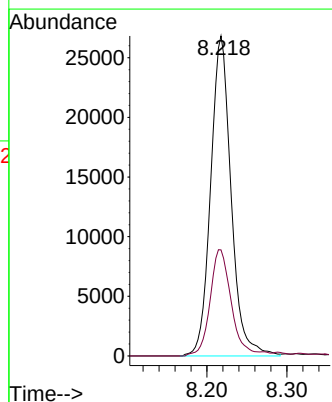
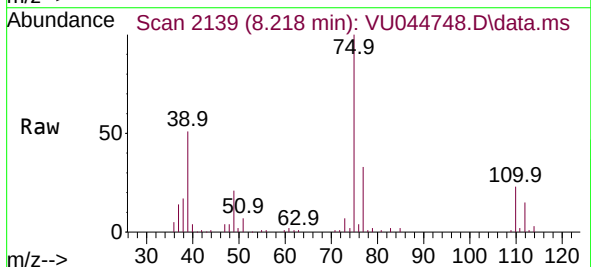
Instrument :
MSVOA_U
ClientSampled :

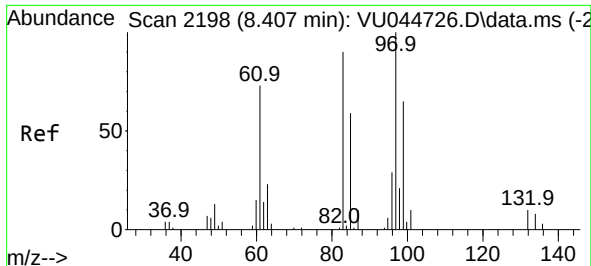
Tgt Ion: 91 Resp: 180380
Ion Ratio Lower Upper
91 100
92 59.1 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 4.166 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 75 Resp: 47604
Ion Ratio Lower Upper
75 100
77 33.2 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.620 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. -0.000 min

Lab File: VU044748.D

Acq: 22 Sep 2021 09:41

Tgt Ion: 97 Resp: 37775

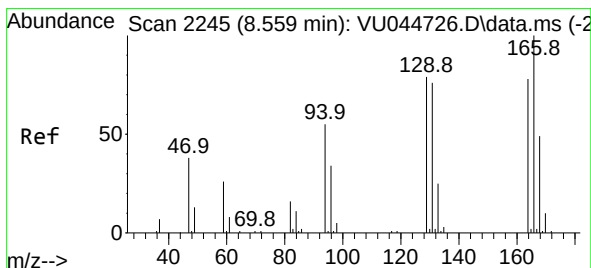
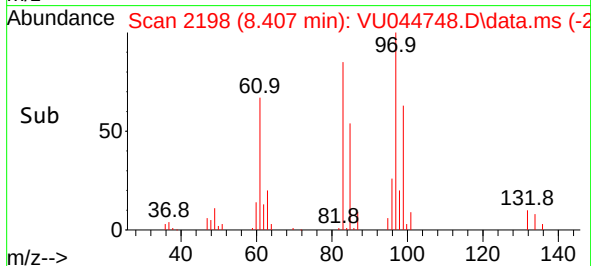
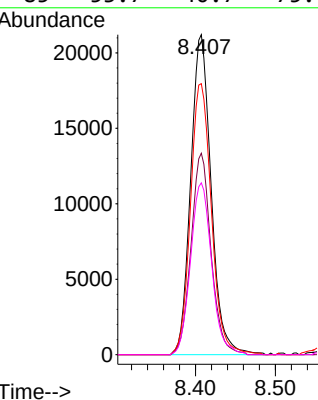
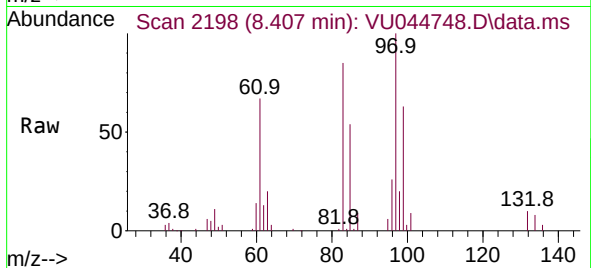
Ion Ratio Lower Upper

97 100

99 63.0 44.8 83.2

83 84.7 63.6 118.0

85 53.7 40.7 75.7



#47

Tetrachloroethene

Concen: 4.728 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044748.D

Acq: 22 Sep 2021 09:41

Tgt Ion: 164 Resp: 28669

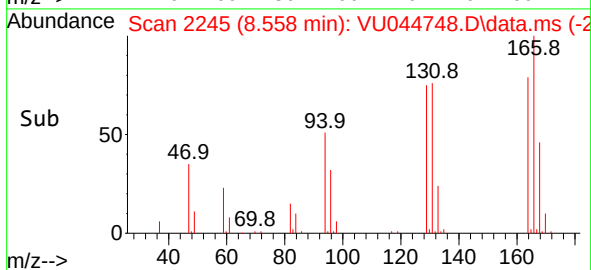
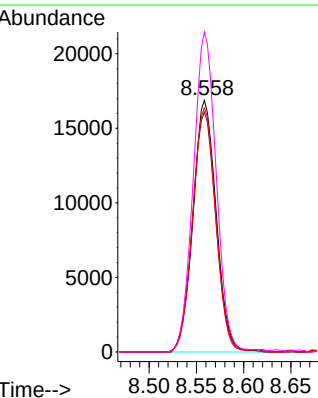
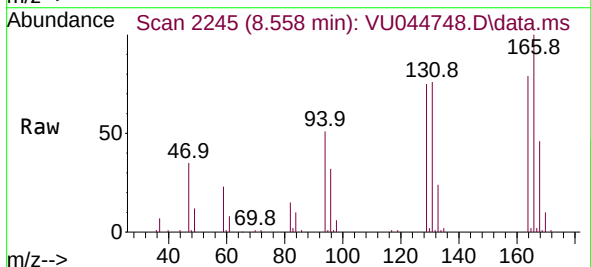
Ion Ratio Lower Upper

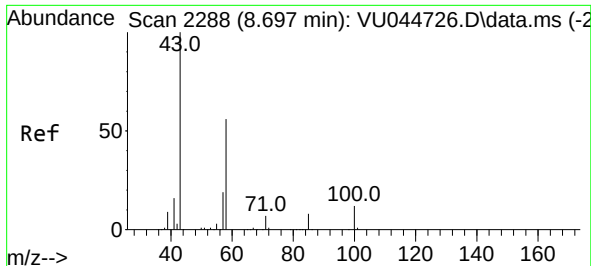
164 100

129 95.3 67.0 124.4

131 97.0 65.2 121.0

166 127.2 87.6 162.8

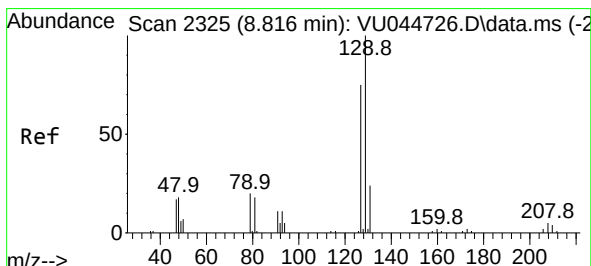
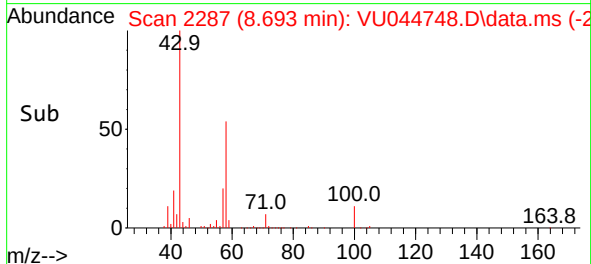
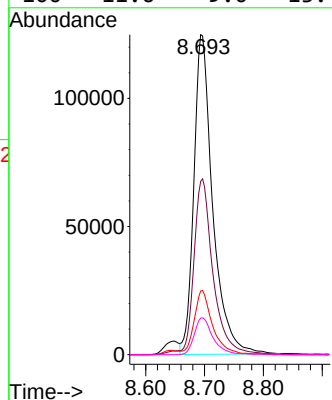
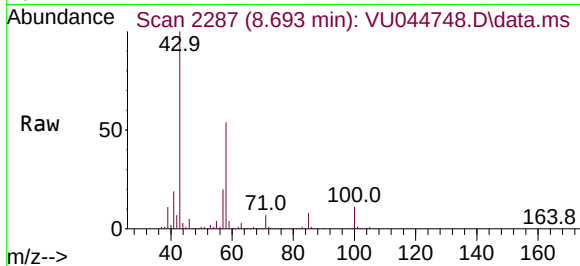




#48
2-Hexanone
Concen: 50.846 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

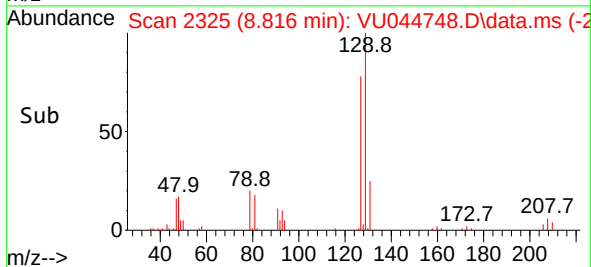
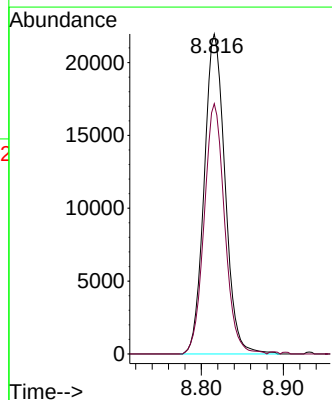
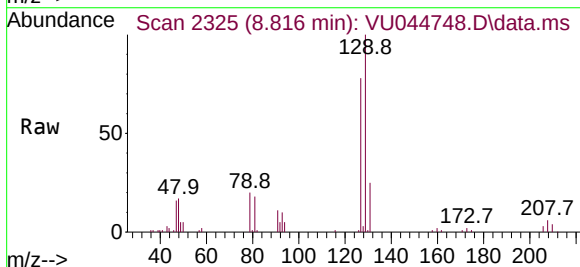
Instrument :
MSVOA_U
ClientSampled :

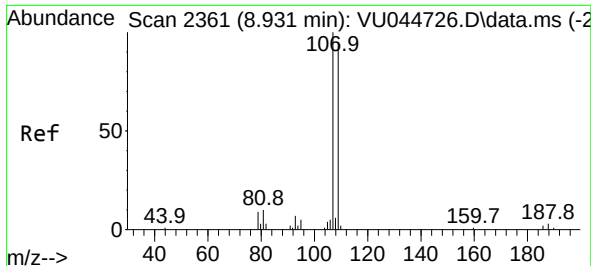
Tgt Ion: 43 Resp: 278451
Ion Ratio Lower Upper
43 100
58 56.2 44.6 66.8
57 19.1 14.8 22.2
100 11.6 9.0 13.4



#49
Dibromochloromethane
Concen: 5.502 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

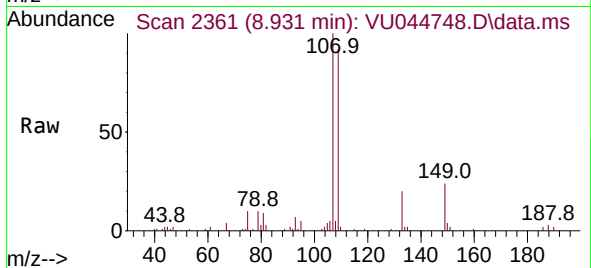
Tgt Ion: 129 Resp: 38850
Ion Ratio Lower Upper
129 100
127 78.2 53.3 99.1



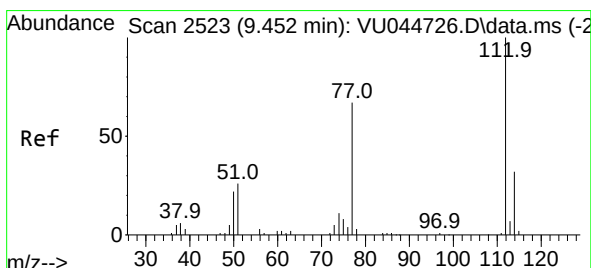
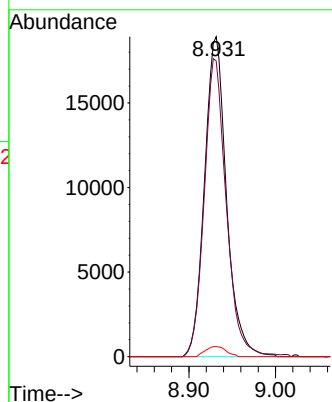
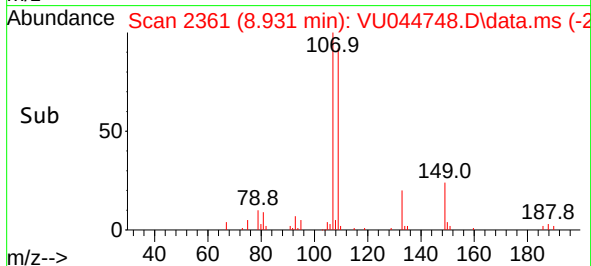


#50
1,2-Dibromoethane
Concen: 5.273 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

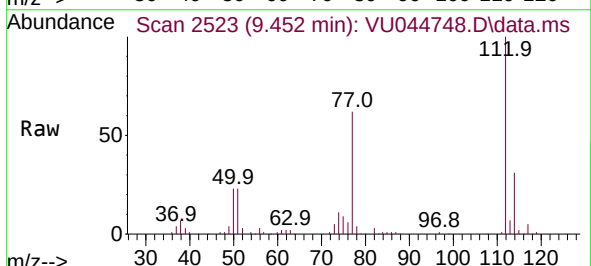
Instrument :
MSVOA_U
ClientSampled :



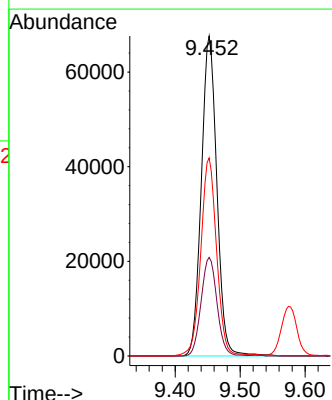
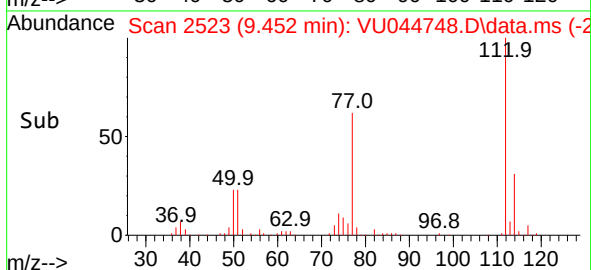
Tgt Ion:107 Resp: 33367
Ion Ratio Lower Upper
107 100
109 92.4 65.5 121.7
188 3.1 3.0 4.4

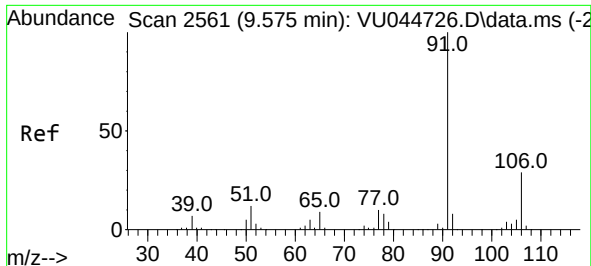


#51
Chlorobenzene
Concen: 4.939 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41



Tgt Ion:112 Resp: 112798
Ion Ratio Lower Upper
112 100
114 30.8 22.8 42.4
77 61.9 51.4 77.0

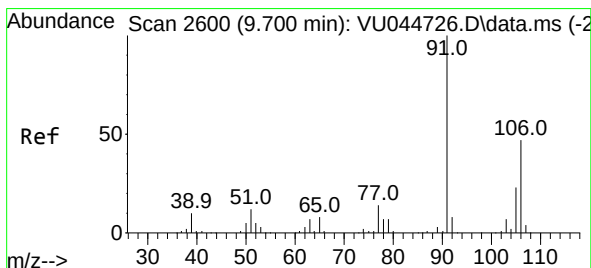
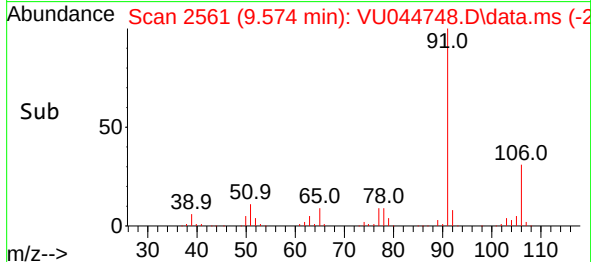
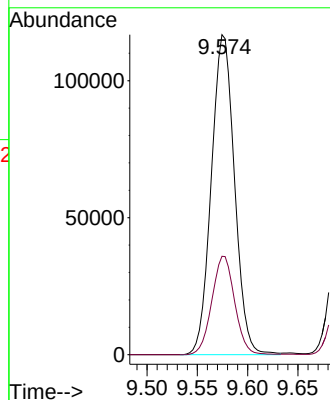
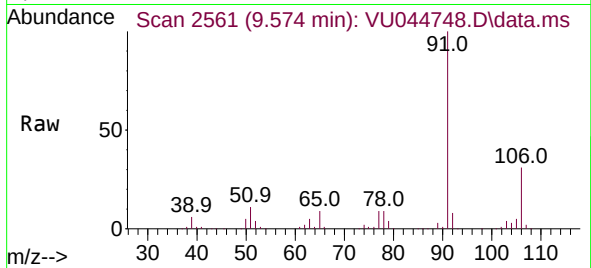




#52
Ethylbenzene
Concen: 4.694 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

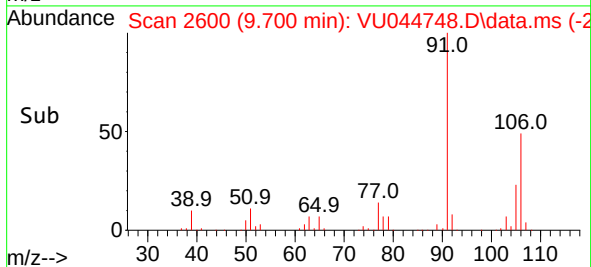
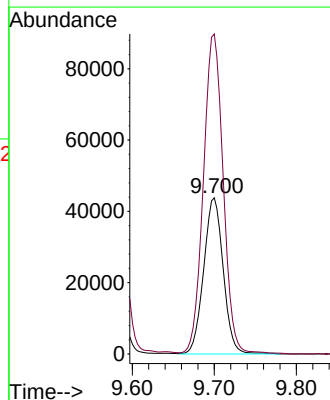
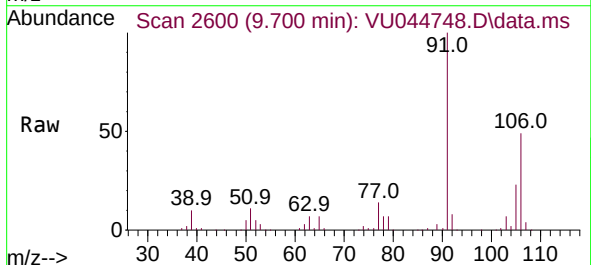
Instrument :
MSVOA_U
ClientSampled :

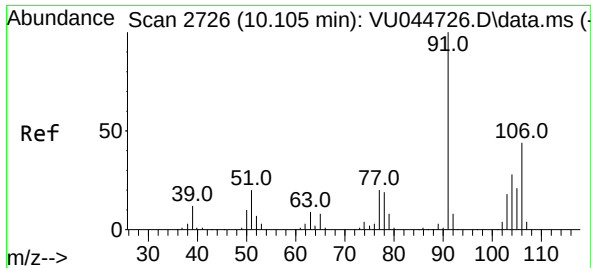
Tgt Ion: 91 Resp: 187307
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.1



#53
m,p-Xylene
Concen: 4.777 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion:106 Resp: 72492
Ion Ratio Lower Upper
106 100
91 204.8 144.6 268.6

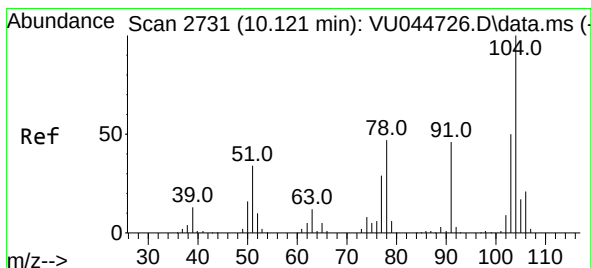
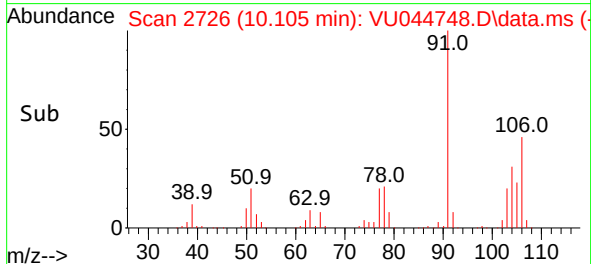
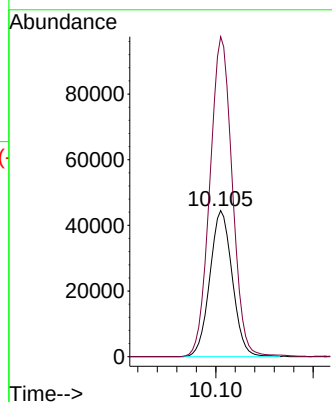
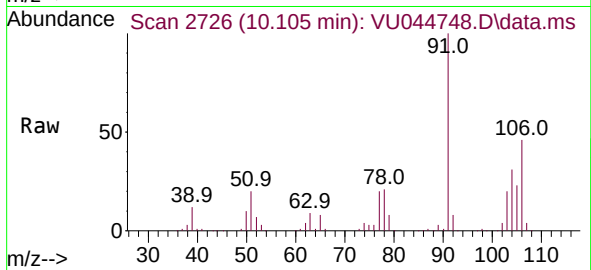




#54
o-Xylene
Concen: 4.905 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

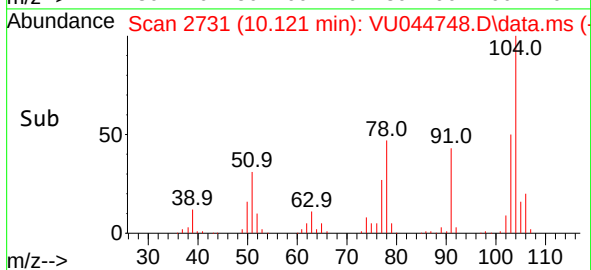
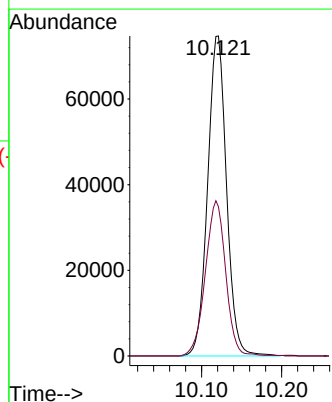
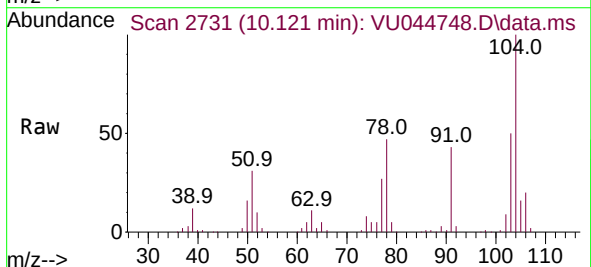
Instrument :
MSVOA_U
ClientSampled :

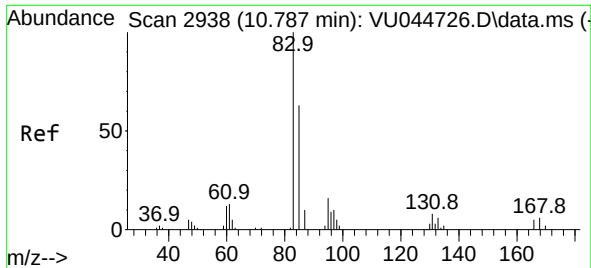
Tgt Ion:106 Resp: 71101
Ion Ratio Lower Upper
106 100
91 219.1 156.2 290.0



#55
Styrene
Concen: 4.843 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion:104 Resp: 122893
Ion Ratio Lower Upper
104 100
78 46.7 33.6 62.4

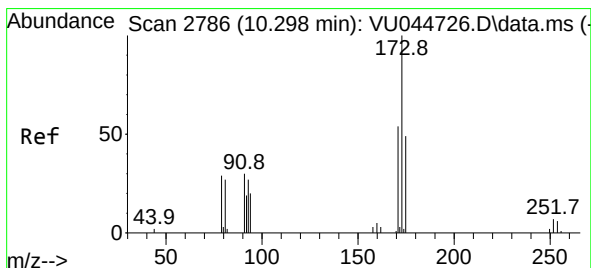
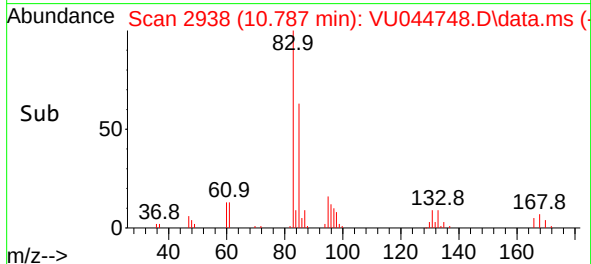
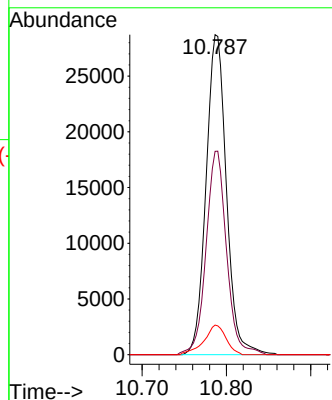
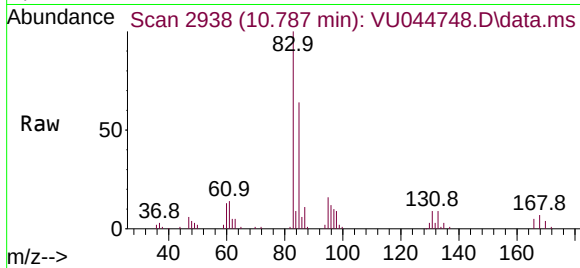




#57
1,1,2,2-Tetrachloroethane
Concen: 5.349 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

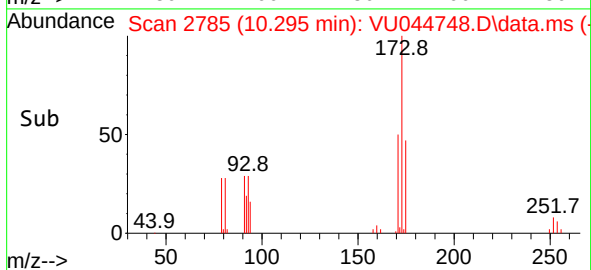
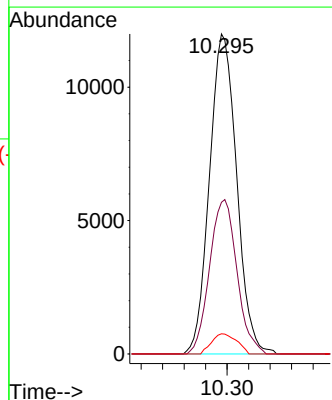
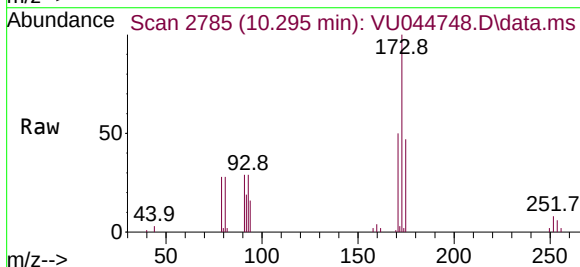
Instrument :
MSVOA_U
ClientSampled :

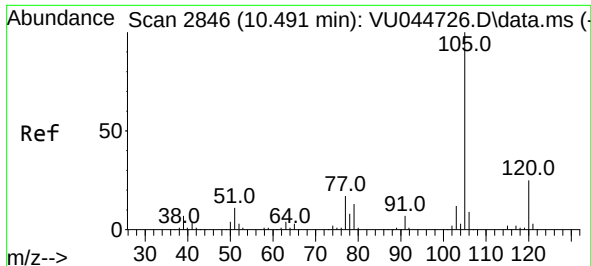
Tgt Ion:	83	Resp:	48264
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.5	82.7
131	9.2	6.6	10.0



#59
Bromoform
Concen: 5.483 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion:	173	Resp:	21044
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.8	58.2
254	5.8	4.9	7.3

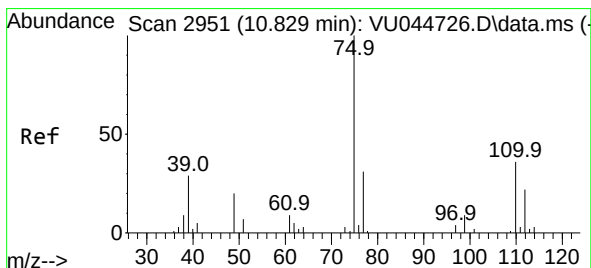
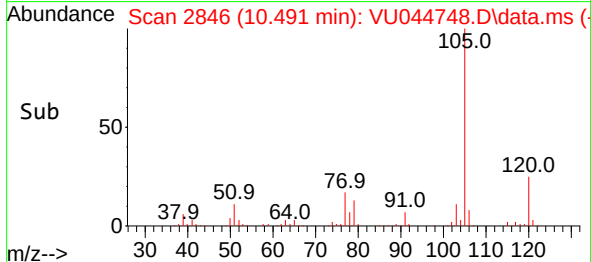
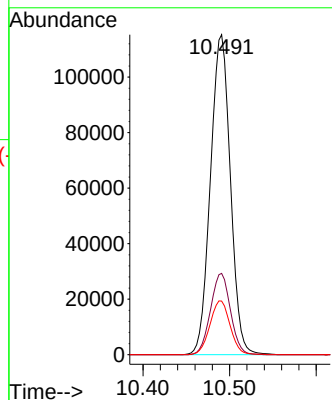
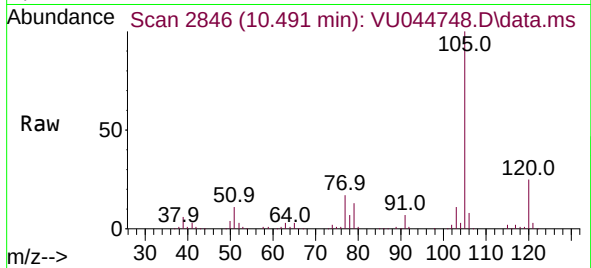




#60
Isopropylbenzene
Concen: 4.767 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

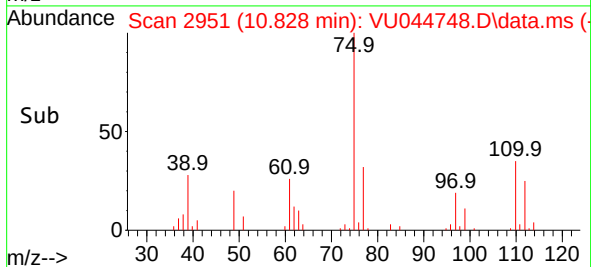
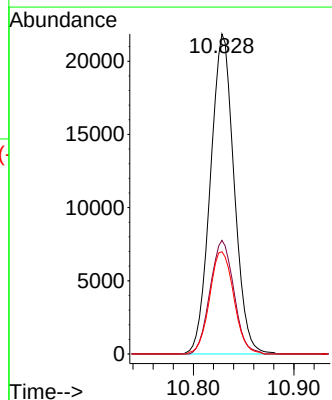
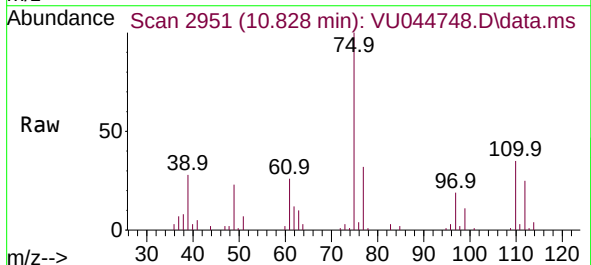
Instrument :
MSVOA_U
ClientSampled :

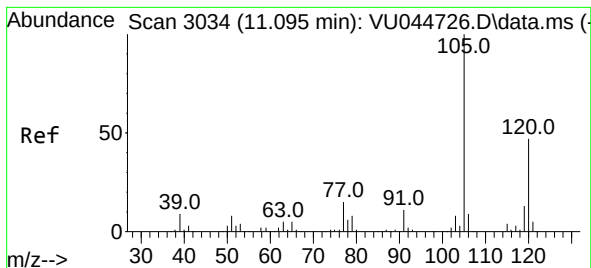
Tgt Ion:105 Resp: 184266
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.2
77 17.1 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 5.248 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 75 Resp: 35805
Ion Ratio Lower Upper
75 100
110 35.5 28.8 43.2
77 32.7 25.9 38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.595 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU044748.D

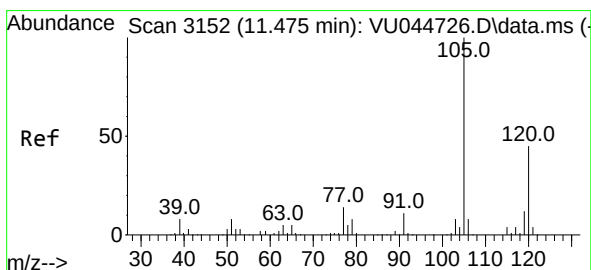
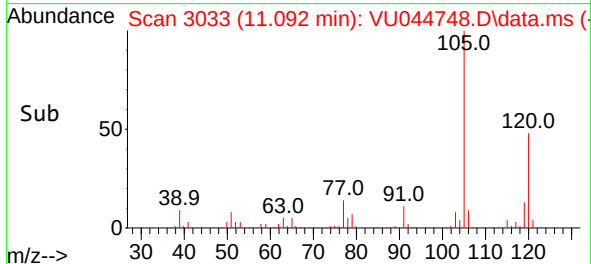
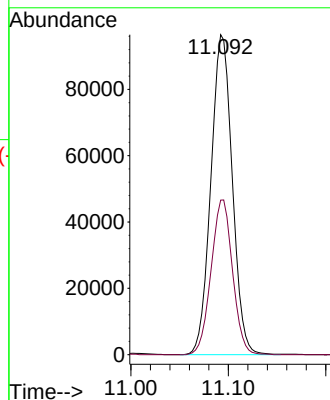
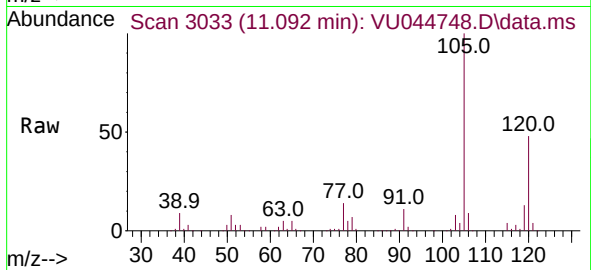
Acq: 22 Sep 2021 09:41

Tgt Ion:105 Resp: 147523

Ion Ratio Lower Upper

105 100

120 48.4 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 4.667 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VU044748.D

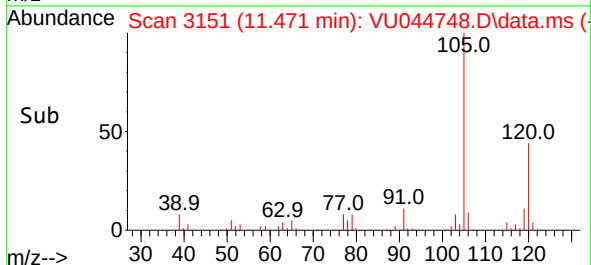
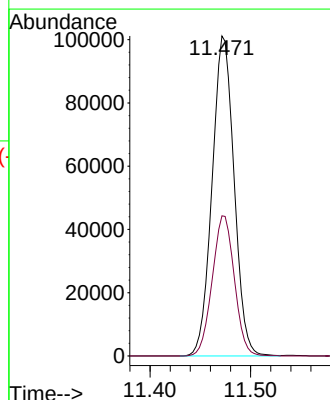
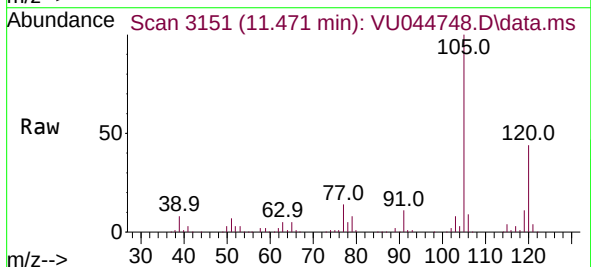
Acq: 22 Sep 2021 09:41

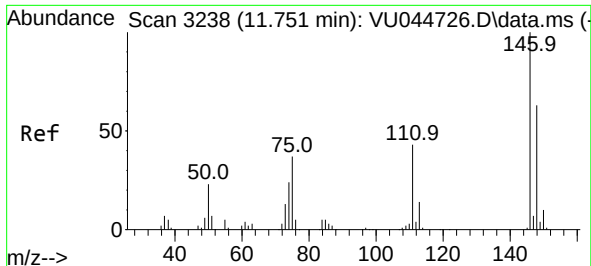
Tgt Ion:105 Resp: 153876

Ion Ratio Lower Upper

105 100

120 44.0 35.4 53.2

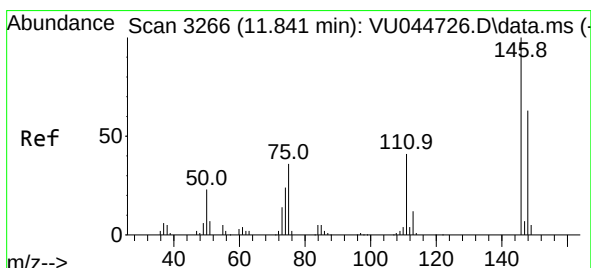
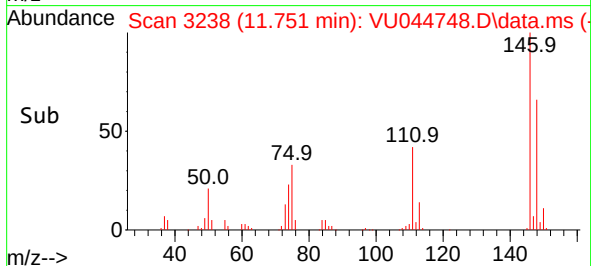
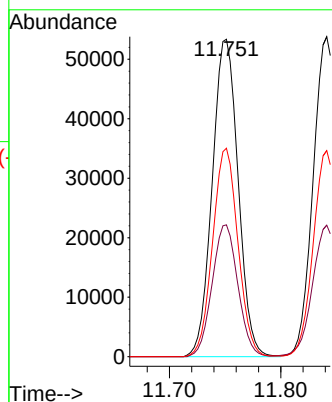
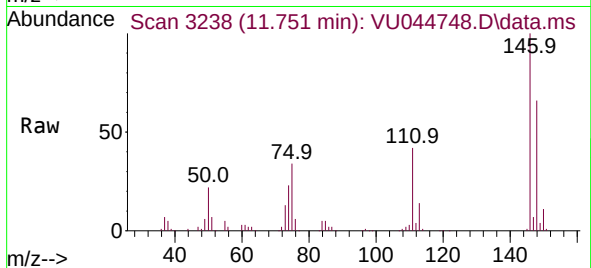




#64
1,3-Dichlorobenzene
Concen: 4.787 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

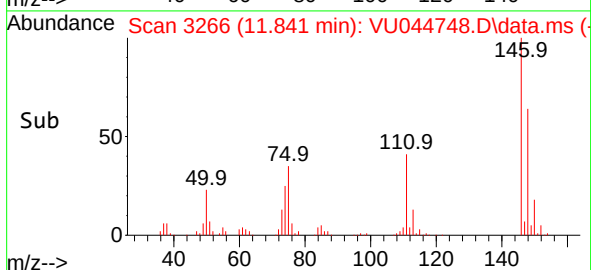
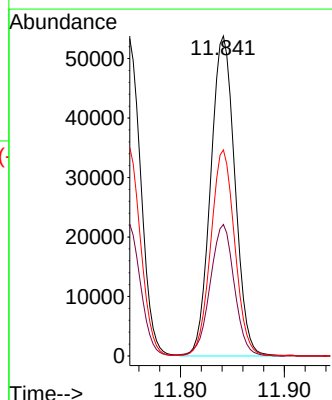
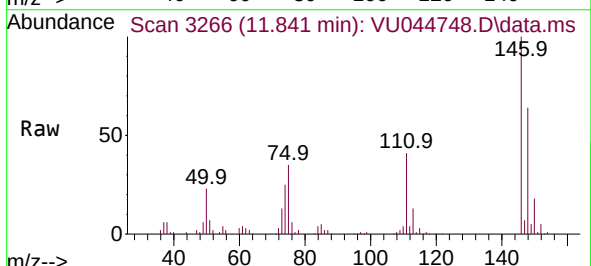
Instrument :
MSVOA_U
ClientSampleId :

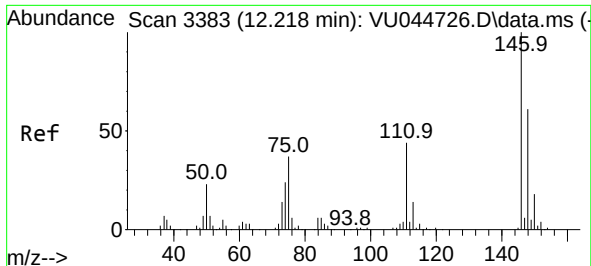
Tgt Ion:146 Resp: 86277
Ion Ratio Lower Upper
146 100
111 41.5 29.8 55.4
148 65.7 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.684 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion:146 Resp: 87103
Ion Ratio Lower Upper
146 100
111 41.1 28.7 53.3
148 64.4 45.4 84.4

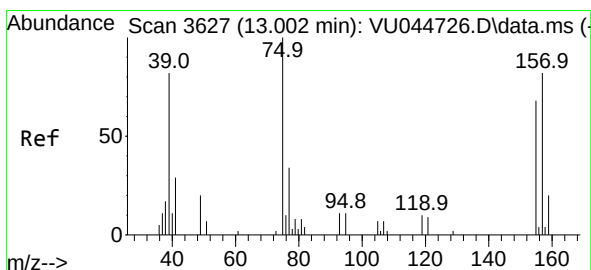
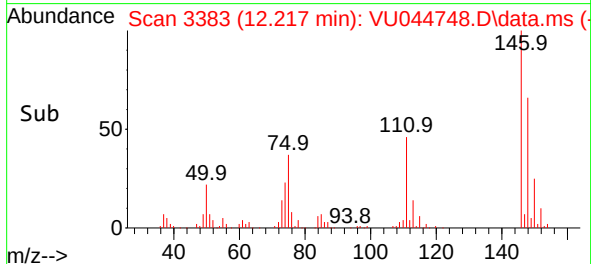
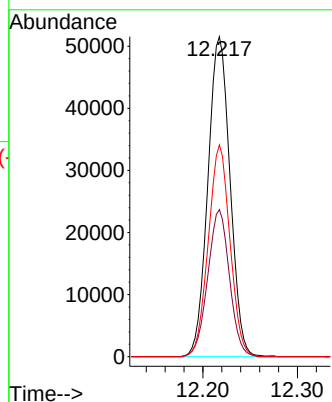
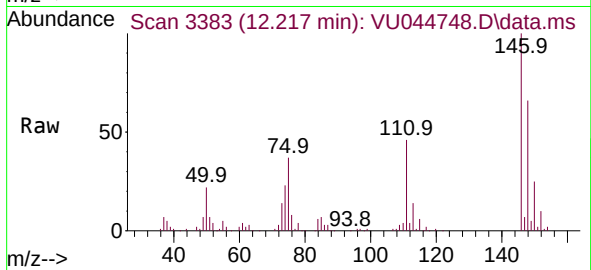




#67
1,2-Dichlorobenzene
Concen: 4.903 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

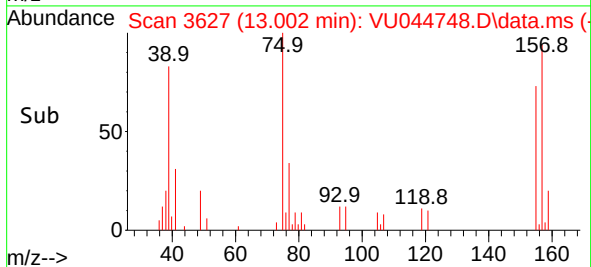
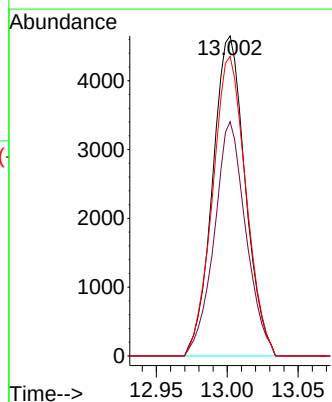
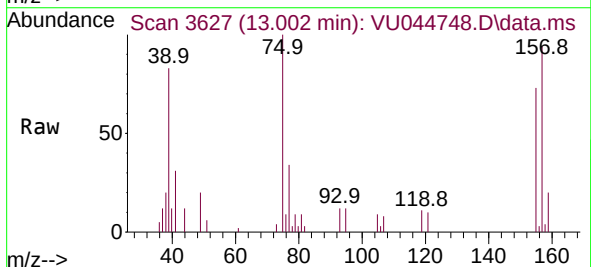
Instrument :
MSVOA_U
ClientSampleId :

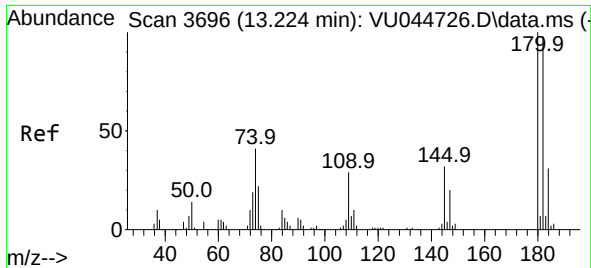
Tgt Ion:146 Resp: 83882
Ion Ratio Lower Upper
146 100
111 46.0 34.6 51.8
148 66.2 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.961 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion: 75 Resp: 7445
Ion Ratio Lower Upper
75 100
155 73.2 54.0 81.0
157 93.6 65.4 98.2

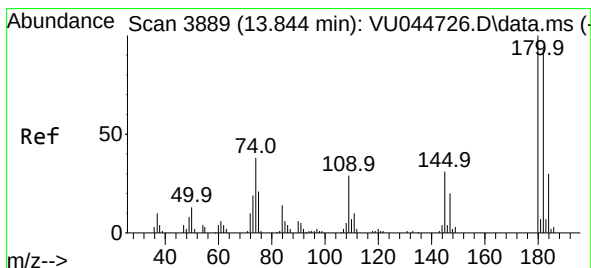
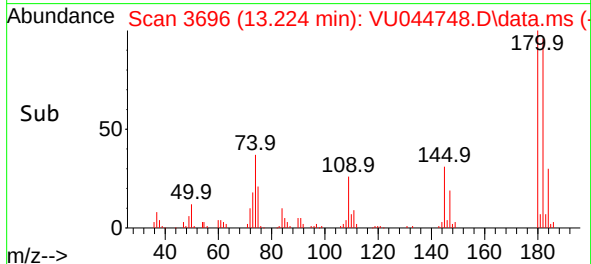
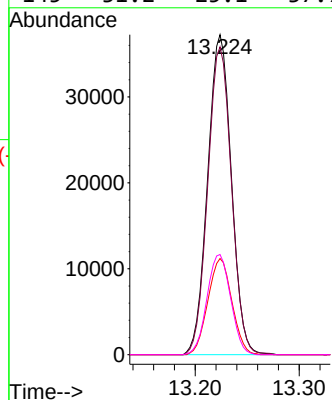
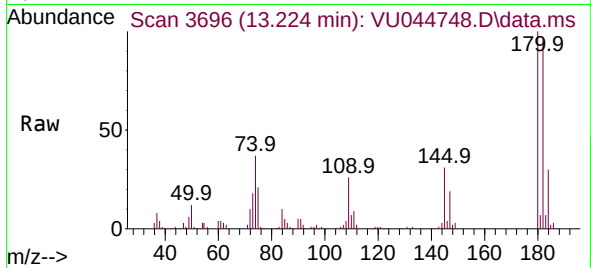




#69
1,3,5-Trichlorobenzene
Concen: 4.311 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

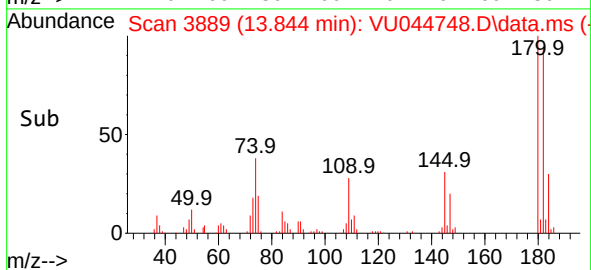
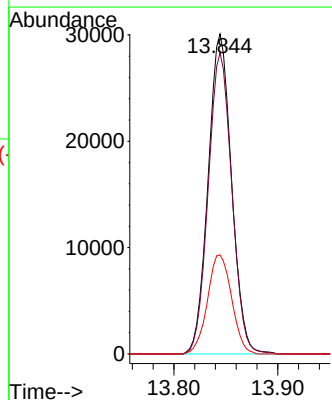
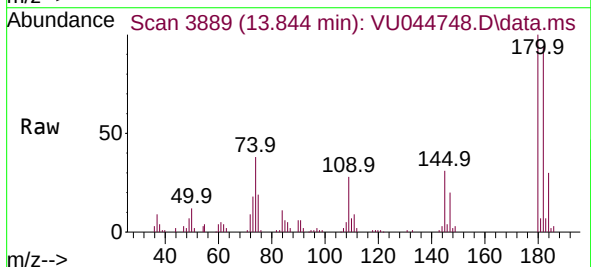
Instrument :
MSVOA_U
ClientSampled :

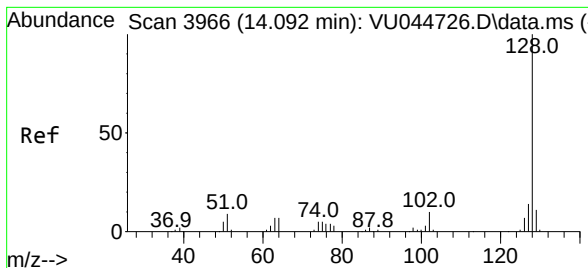
Tgt Ion:180 Resp: 59067
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
184 30.4 24.1 36.1
145 31.2 25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 4.069 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion:180 Resp: 47030
Ion Ratio Lower Upper
180 100
182 94.6 75.4 113.0
145 31.9 25.2 37.8

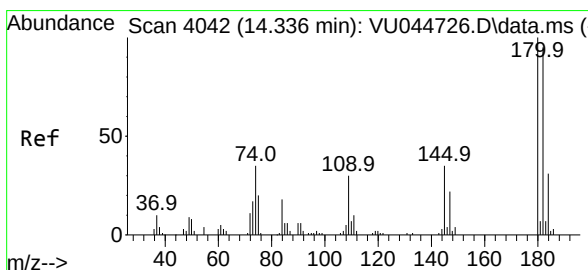
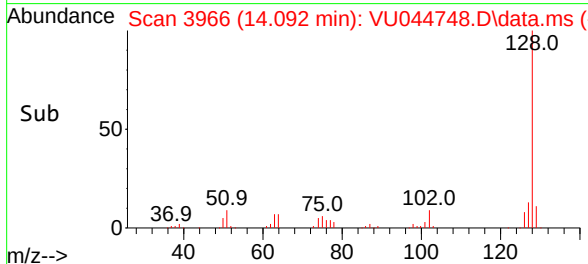
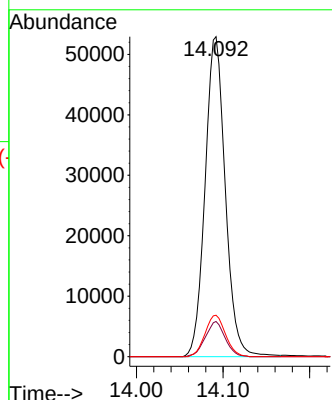
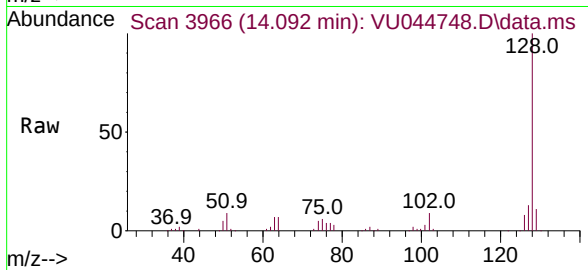




#71
Naphthalene
Concen: 3.807 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 85837
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.334 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VU044748.D
Acq: 22 Sep 2021 09:41

Tgt Ion:180 Resp: 46108
Ion Ratio Lower Upper
180 100
182 93.7 75.9 113.9
145 32.4 27.0 40.6

