

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
 Data File : VU044653.D
 Acq On : 15 Sep 2021 19:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 01:46:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 16 01:40:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	130783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	132948	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	66234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29137	3.776	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.919	69	33515	4.256	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.200%	
11) 1,1-Dichloroethene-d2	2.571	65	15885	4.076	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.600%	
20) 2-Butanone-d5	4.642	46	167806	51.875	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.760%	
24) Chloroform-d	5.070	84	78947	4.864	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.710	65	46006	4.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.735	84	148719	4.387	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.697	67	51095	4.590	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.902	98	128168	4.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	8.185	79	16706	4.257	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.645	63	128894	51.104	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.200%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47213	4.783	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.198	152	48145	4.405	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52184	5.004	ug/L	100
3) Chloromethane	1.520	50	65627	5.234	ug/L	99
5) Vinyl chloride	1.607	62	66833	5.226	ug/L	96
6) Bromomethane	1.861	94	31562	4.816	ug/L	99
8) Chloroethane	1.938	64	41813	5.130	ug/L	99
9) Trichlorofluoromethane	2.144	101	78477	5.450	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	48240	5.457	ug/L	98
12) 1,1-Dichloroethene	2.584	96	45088	5.366	ug/L	94
13) Acetone	2.649	43	88743	42.121	ug/L	93
14) Carbon disulfide	2.800	76	129052	4.851	ug/L	100
15) Methyl Acetate	2.961	43	18478	4.857	ug/L	100
16) Methylene chloride	3.054	84	67204	5.030	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	124166	5.346	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	47478	5.316	ug/L	97
19) 1,1-Dichloroethane	3.877	63	98523	5.456	ug/L	99
21) 2-Butanone	4.719	43	144995	41.217	ug/L	83
22) cis-1,2-Dichloroethene	4.674	96	53154	5.398	ug/L	100
23) Bromochloromethane	4.983	128	22531	5.402	ug/L	98
25) Chloroform	5.095	83	101327	5.266	ug/L	97

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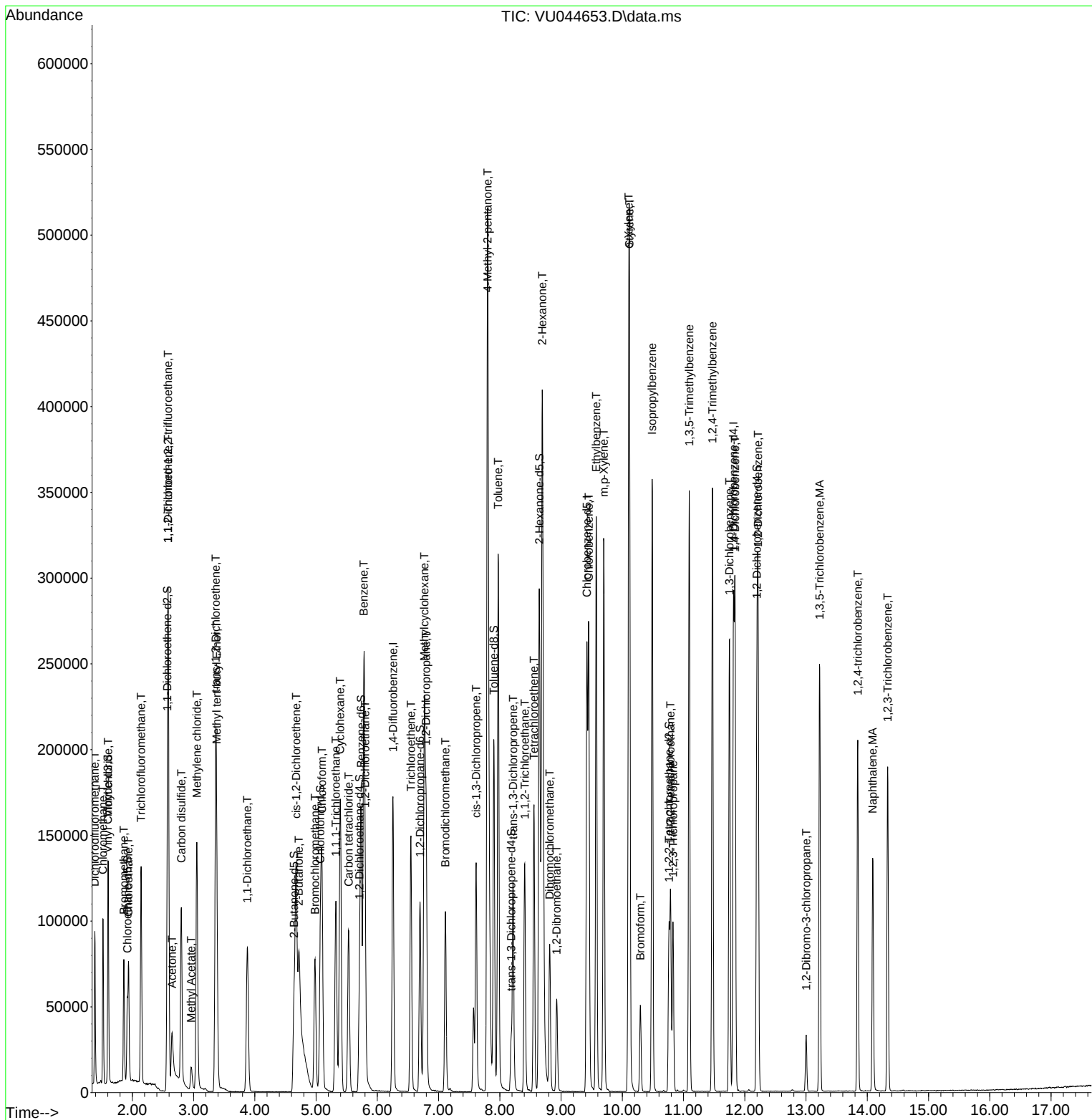
Instrument :
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 ClientSampleId :

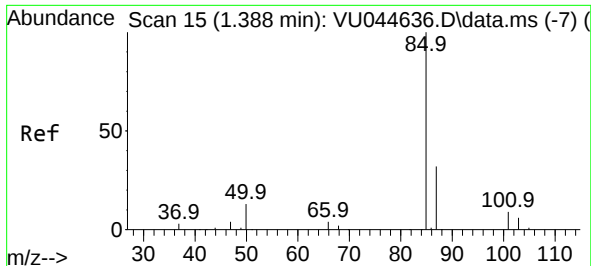
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	70993	5.635	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	77734	5.366	ug/L	98
30) Cyclohexane	5.394	56	83895	5.057	ug/L	100
31) Carbon tetrachloride	5.533	117	59741	5.269	ug/L	99
33) Benzene	5.780	78	212949	5.397	ug/L	100
34) Trichloroethene	6.549	95	51127	5.234	ug/L	98
35) Methylcyclohexane	6.767	83	79531	4.955	ug/L	99
37) 1,2-Dichloropropane	6.796	63	59148	5.594	ug/L	99
38) Bromodichloromethane	7.111	83	69946	5.456	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	76210	5.088	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	451006	54.801	ug/L	100
42) Toluene	7.973	91	218553	5.304	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	65718	5.141	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	41409	5.508	ug/L	100
47) Tetrachloroethene	8.558	164	34706	5.117	ug/L	95
48) 2-Hexanone	8.693	43	327851	53.521	ug/L	99
49) Dibromochloromethane	8.816	129	42163	5.338	ug/L	98
50) 1,2-Dibromoethane	8.928	107	38289	5.410	ug/L	99
51) Chlorobenzene	9.452	112	133071	5.209	ug/L	99
52) Ethylbenzene	9.574	91	228701	5.124	ug/L	99
53) m,p-Xylene	9.700	106	87002	5.126	ug/L	99
54) o-Xylene	10.105	106	85477	5.272	ug/L	100
55) Styrene	10.118	104	150551	5.304	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	56349	5.583	ug/L	99
59) Bromoform	10.295	173	22335	5.426	ug/L	99
60) Isopropylbenzene	10.488	105	223739	5.396	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	41094	5.615	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	181637	5.275	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	187099	5.291	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	99462	5.145	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	100763	5.052	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	97509	5.314	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8587	5.335	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	70251	4.780	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	55349	4.465	ug/L	99
71) Naphthalene	14.089	128	104423	4.318	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	53010	4.646	ug/L	99

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

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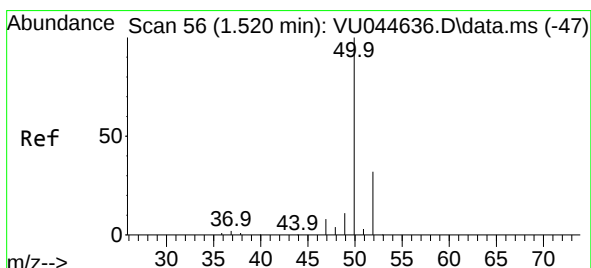
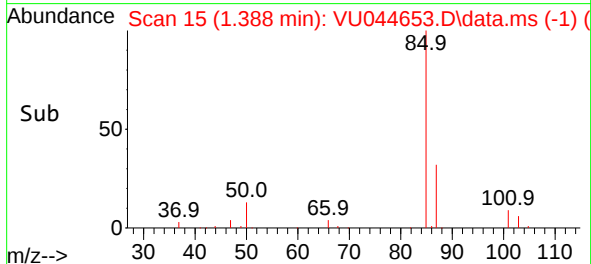
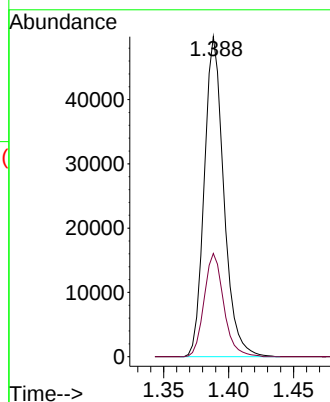
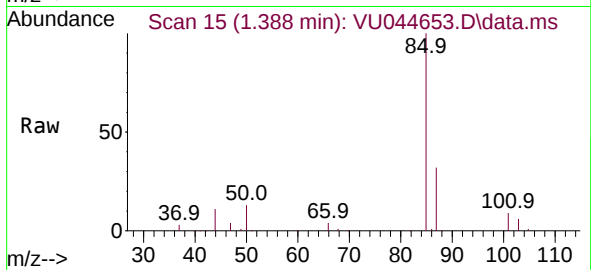




#2
Dichlorodifluoromethane
Concen: 5.004 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

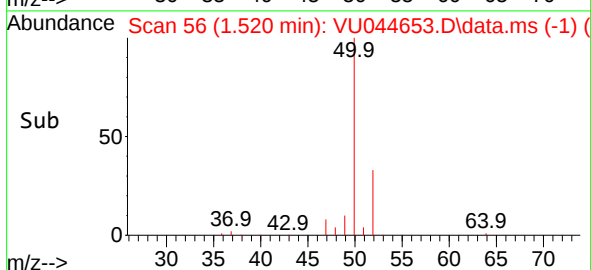
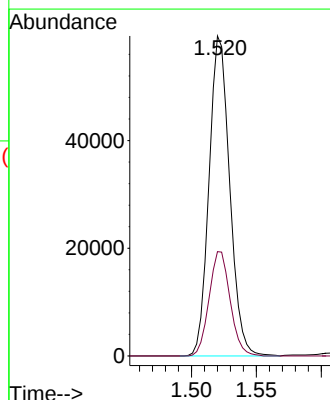
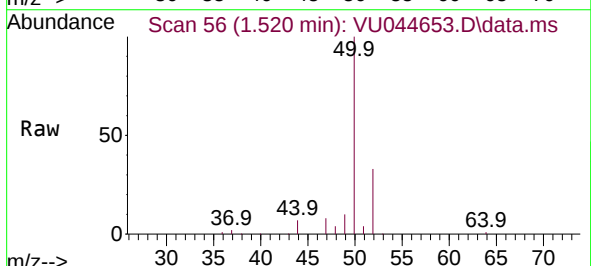
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MSVOA_U
ClientSampled :

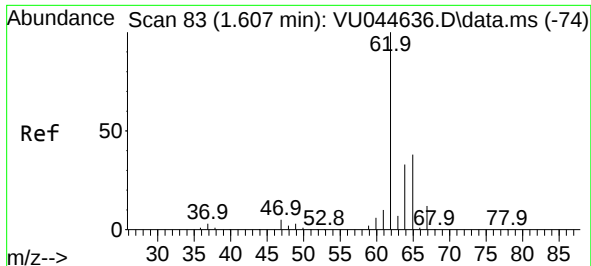
Tgt Ion: 85 Resp: 52184
Ion Ratio Lower Upper
85 100
87 32.3 26.0 39.0



#3
Chloromethane
Concen: 5.234 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion: 50 Resp: 65627
Ion Ratio Lower Upper
50 100
52 32.6 22.6 42.0

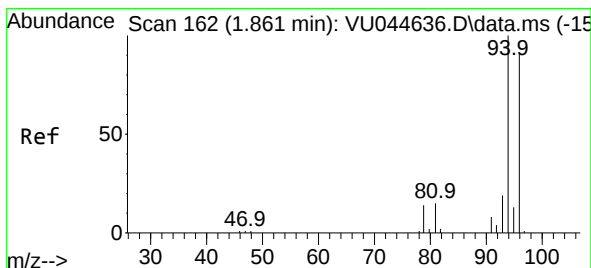
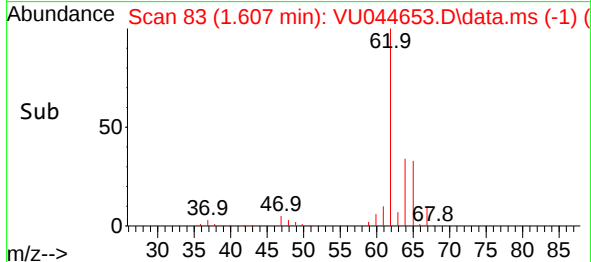
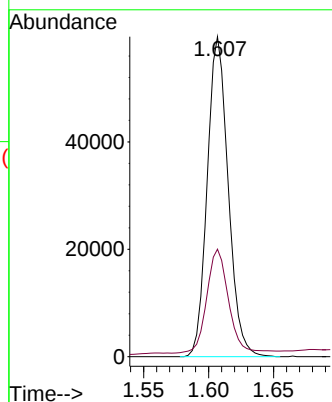
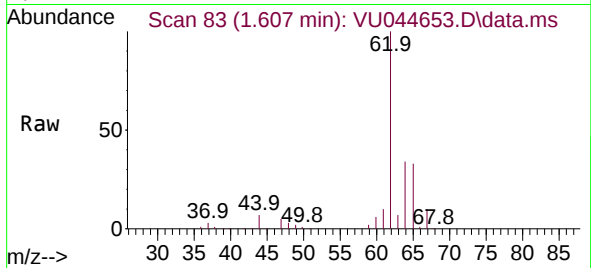




#5
 Vinyl chloride
 Concen: 5.226 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

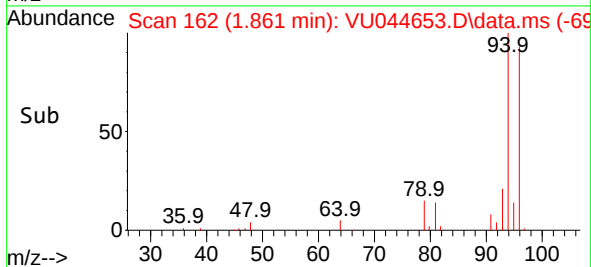
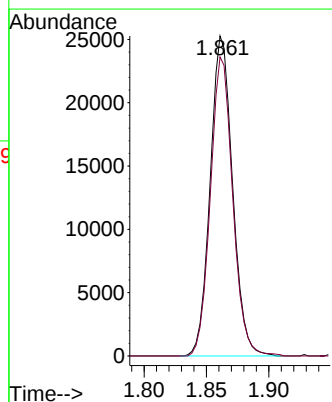
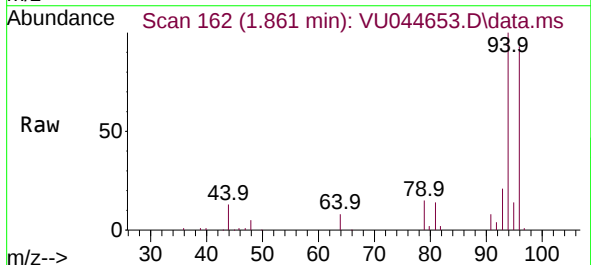
Instrument :
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 ClientSampled :

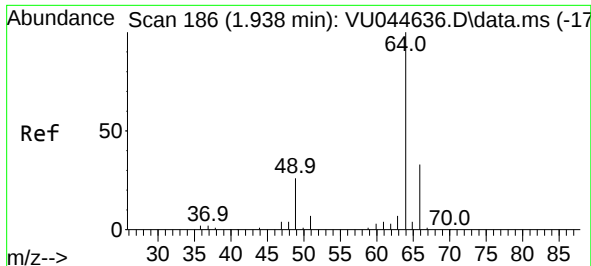
Tgt Ion: 62 Resp: 66833
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.0 40.8



#6
 Bromomethane
 Concen: 4.816 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

Tgt Ion: 94 Resp: 31562
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.4 123.4

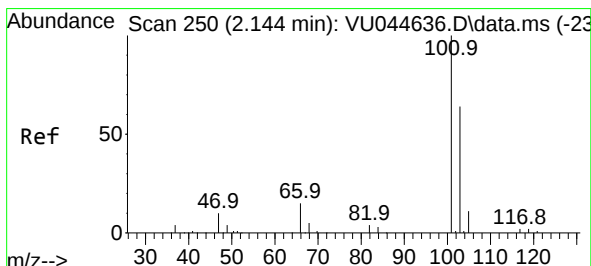
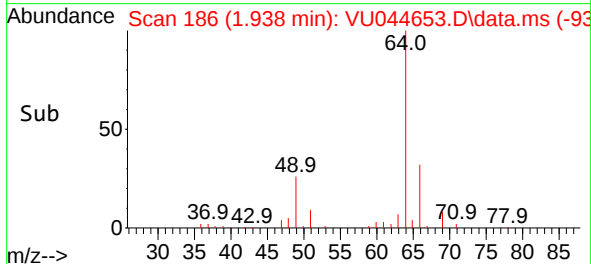
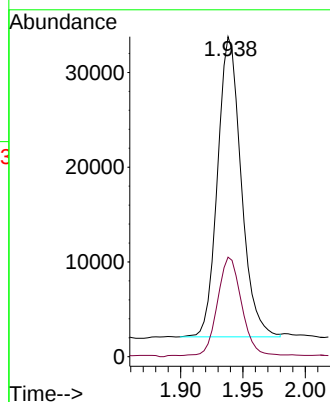
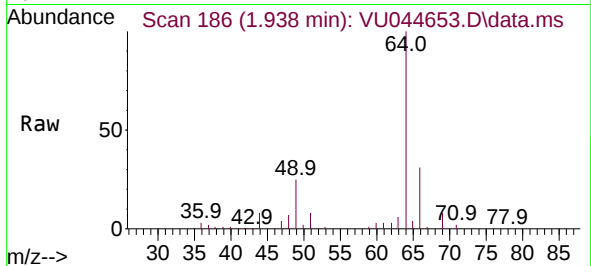




#8
Chloroethane
Concen: 5.130 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

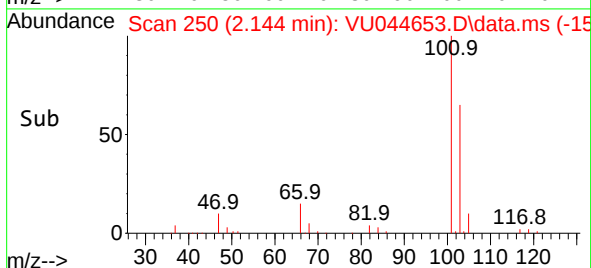
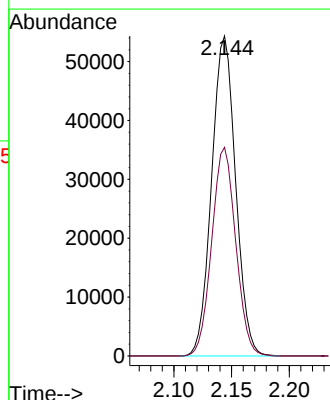
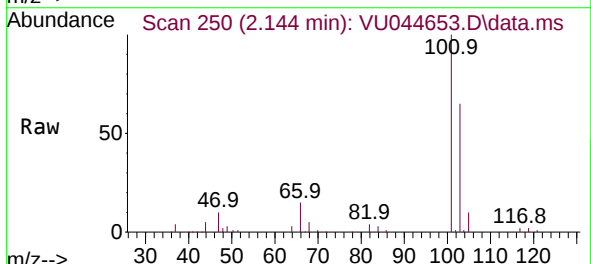
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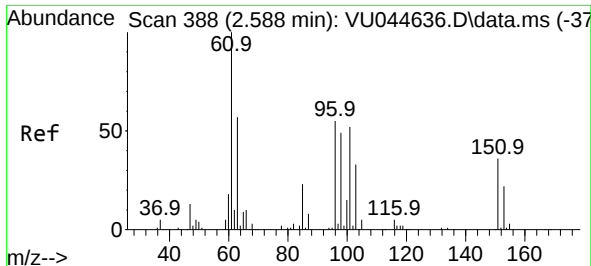
Tgt Ion: 64 Resp: 41813
Ion Ratio Lower Upper
64 100
66 31.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.450 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion:101 Resp: 78477
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

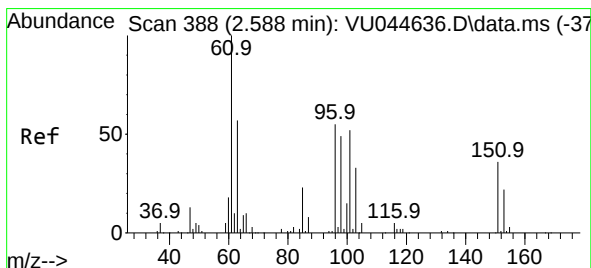
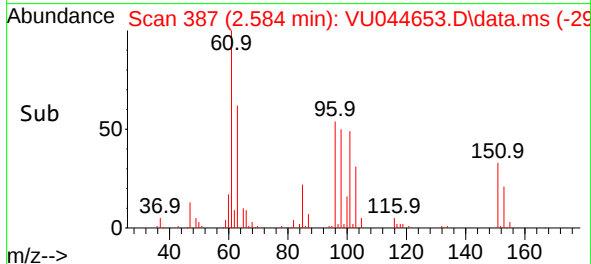
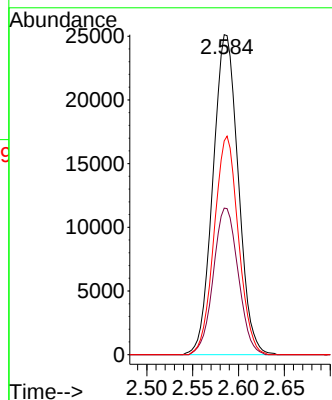
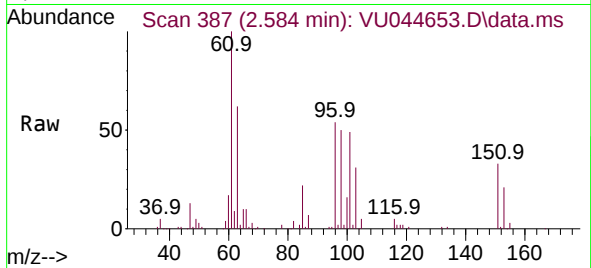




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.457 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

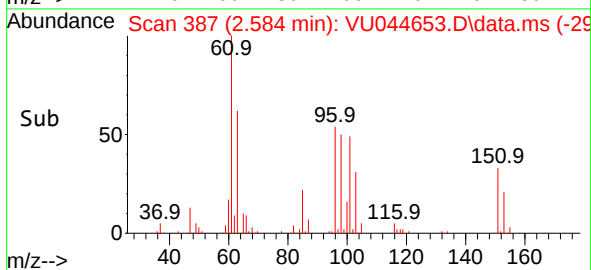
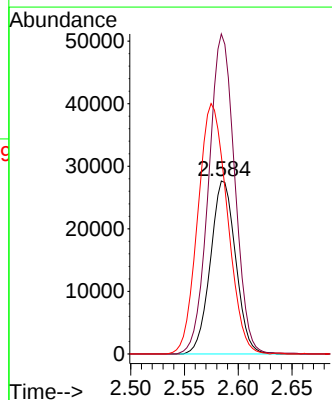
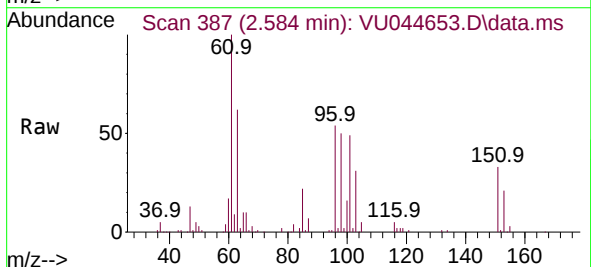
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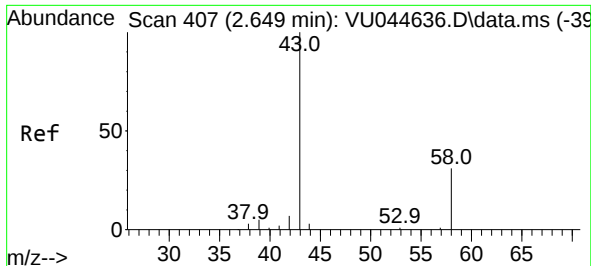
Tgt Ion:101 Resp: 48240
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.2
151 65.5 53.9 80.9



#12
1,1-Dichloroethene
Concen: 5.366 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion: 96 Resp: 45088
Ion Ratio Lower Upper
96 100
61 185.1 129.3 240.1
63 114.6 91.3 169.5

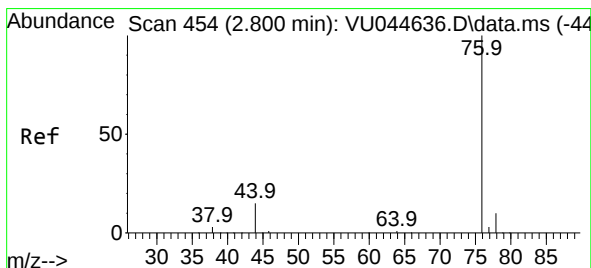
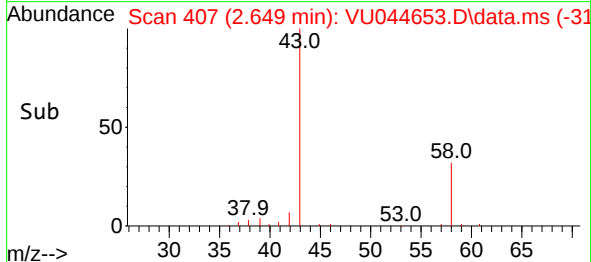
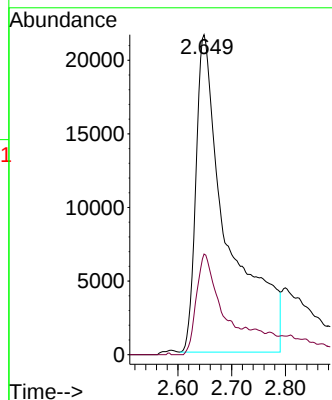
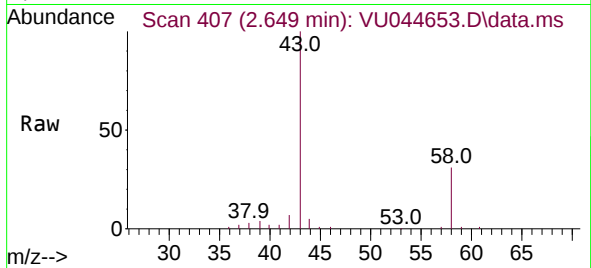




#13
Acetone
Concen: 42.121 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

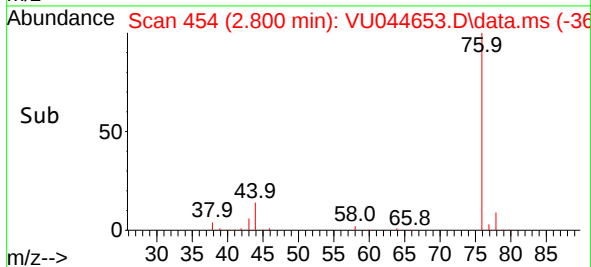
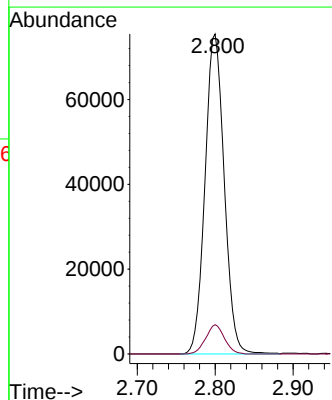
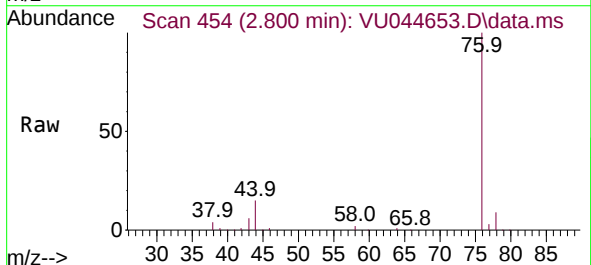
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ClientSampled :

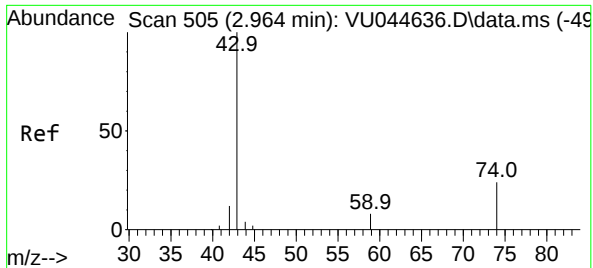
Tgt Ion: 43 Resp: 88743
Ion Ratio Lower Upper
43 100
58 24.3 0.0 42.4



#14
Carbon disulfide
Concen: 4.851 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044653.D
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Tgt Ion: 76 Resp: 129052
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

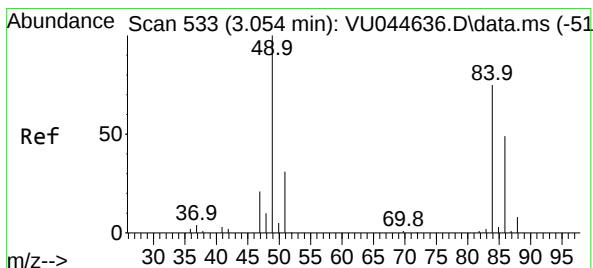
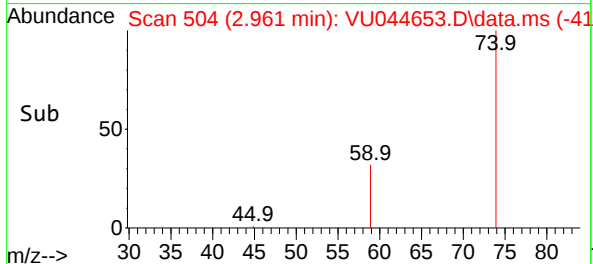
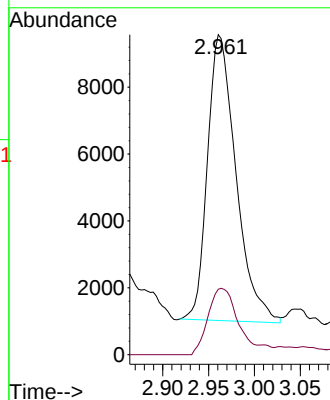
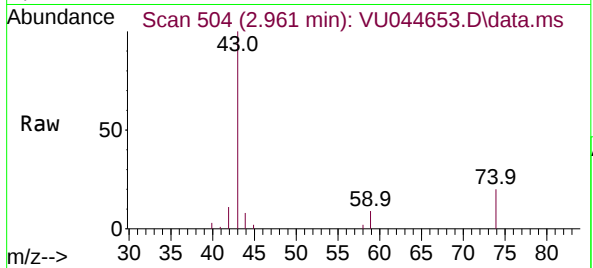




#15
Methyl Acetate
Concen: 4.857 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

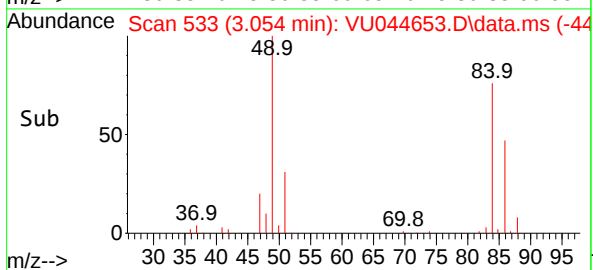
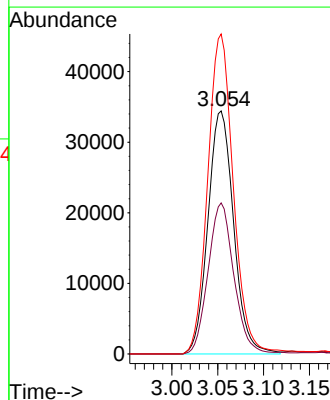
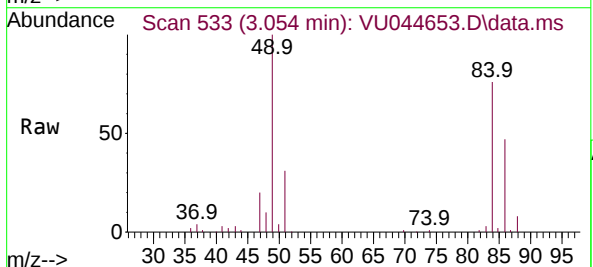
Instrument :
MSVOA_U
ClientSampled :

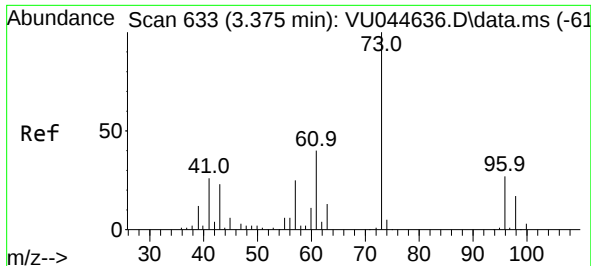
Tgt Ion: 43 Resp: 18478
Ion Ratio Lower Upper
43 100
74 25.6 20.6 30.8



#16
Methylene chloride
Concen: 5.030 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion: 84 Resp: 67204
Ion Ratio Lower Upper
84 100
86 62.1 45.8 85.2
49 131.7 92.9 172.5



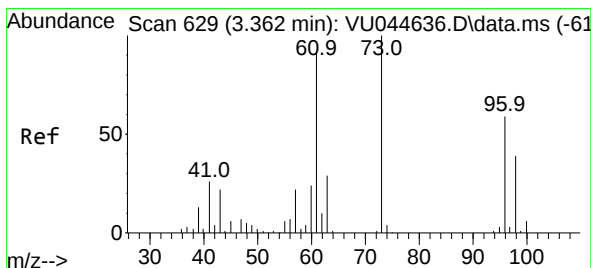
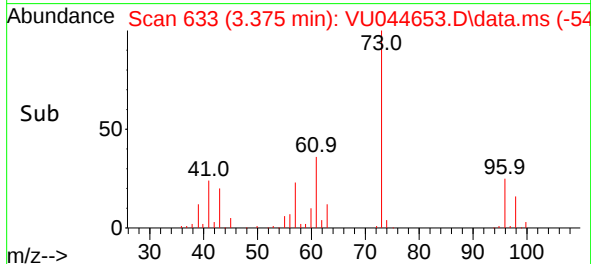
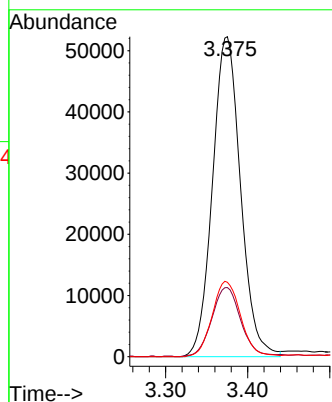
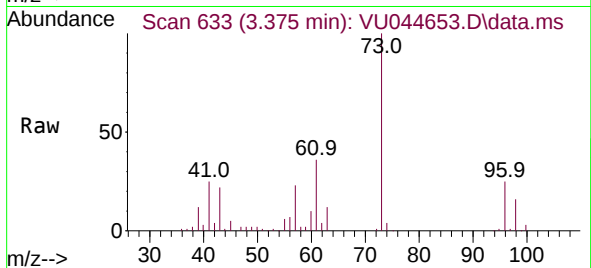


#17

Methyl tert-butyl Ether
 Concen: 5.346 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

Instrument :
 MSVOA_U
 ClientSampled :

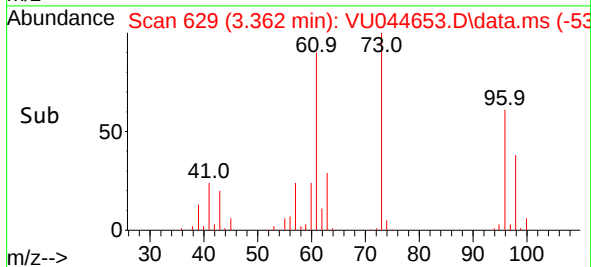
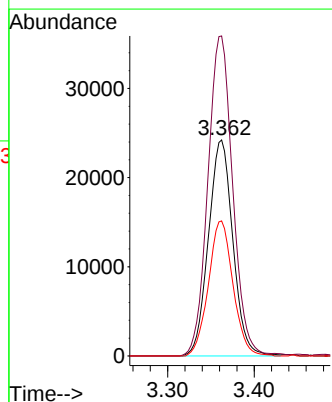
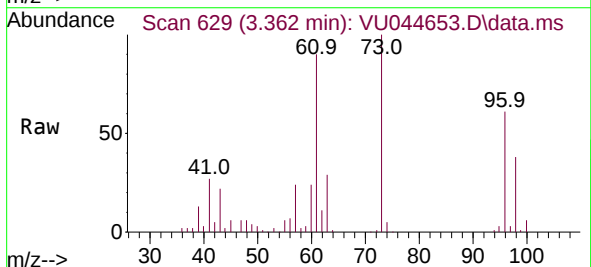
Tgt Ion: 73	Resp: 124166
Ion Ratio	Lower Upper
73 100	
43 22.4	17.8 26.6
57 23.9	18.6 27.8

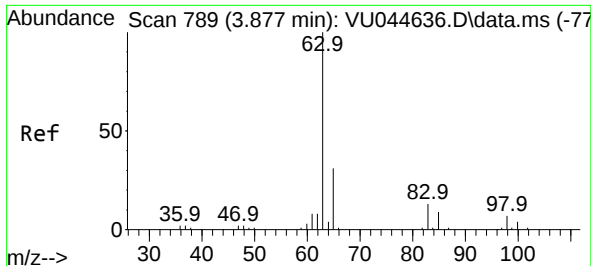


#18

trans-1,2-Dichloroethene
 Concen: 5.316 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

Tgt Ion: 96	Resp: 47478		
Ion Ratio	Lower	Upper	
96 100			
61 148.1	107.2	199.0	
98 62.5	42.8	79.6	





#19

1,1-Dichloroethane

Concen: 5.456 ug/L

RT: 3.877 min Scan# 789

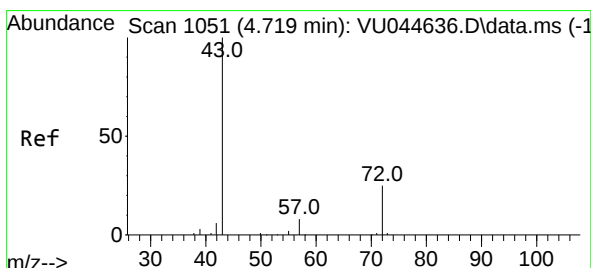
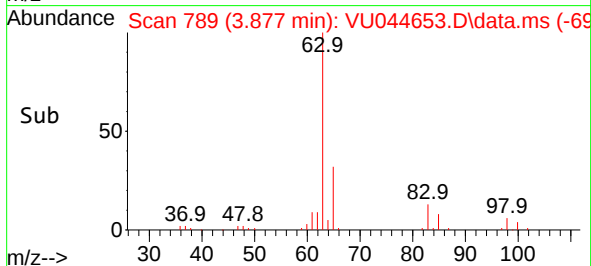
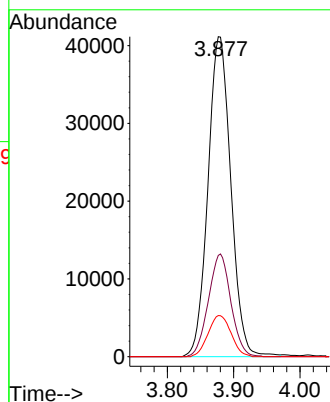
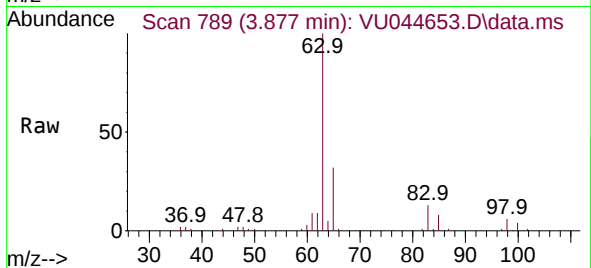
Delta R.T. -0.000 min

Lab File: VU044653.D

Acq: 15 Sep 2021 19:35

Tgt Ion:	63	Resp:	98523
Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.8	40.6
83	12.9	8.8	16.3

Instrument :
MSVOA_U
ClientSampled :



#21

2-Butanone

Concen: 41.217 ug/L

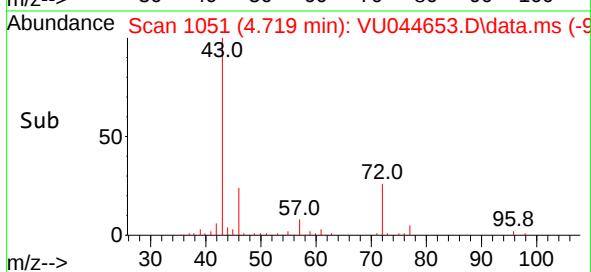
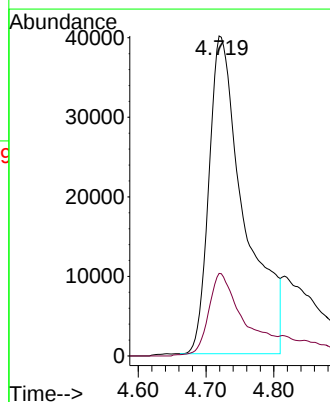
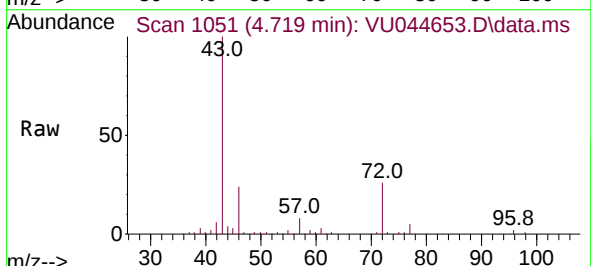
RT: 4.719 min Scan# 1051

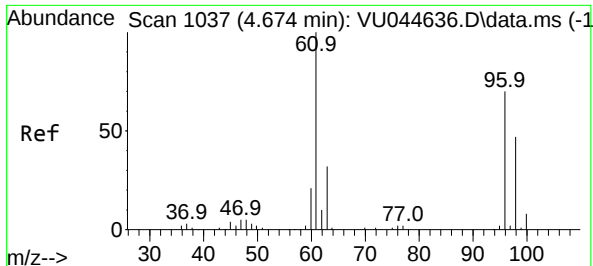
Delta R.T. -0.000 min

Lab File: VU044653.D

Acq: 15 Sep 2021 19:35

Tgt Ion:	43	Resp:	144995
Ion	Ratio	Lower	Upper
43	100		
72	25.9	9.2	27.4

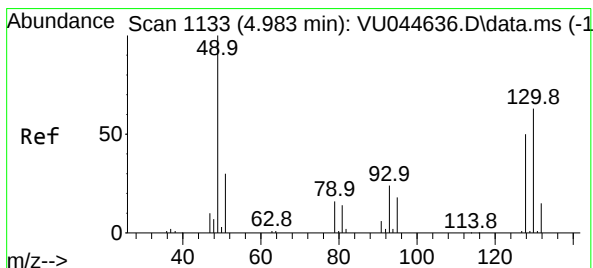
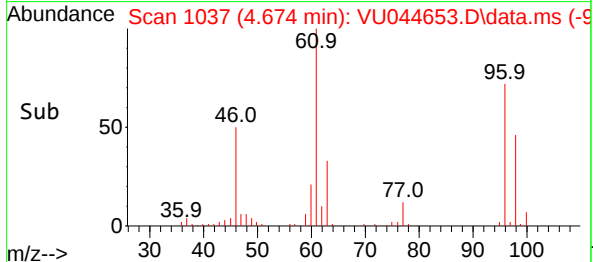
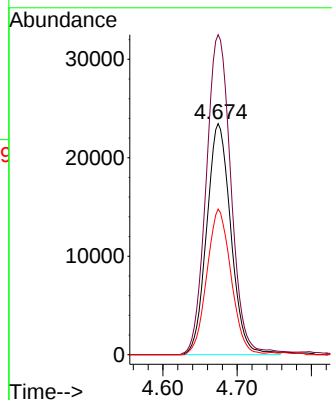
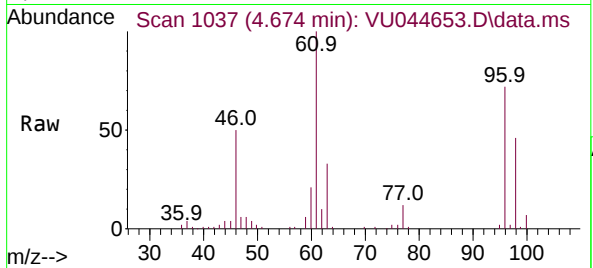




#22
 cis-1,2-Dichloroethene
 Concen: 5.398 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

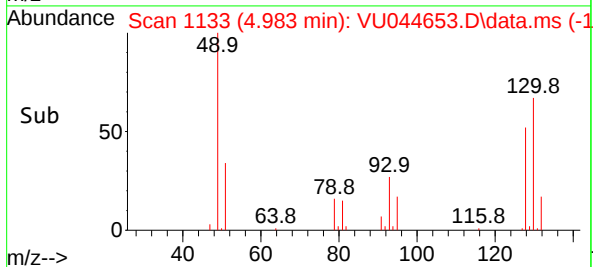
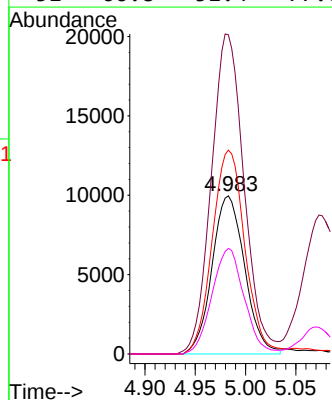
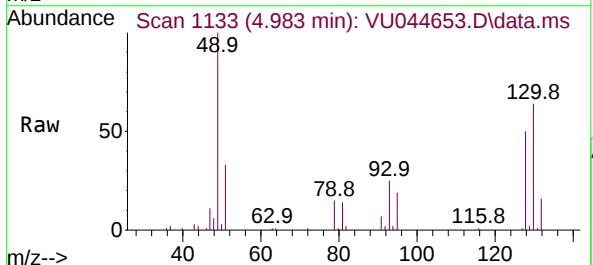
Instrument :
 MSVOA_U
 ClientSampled :

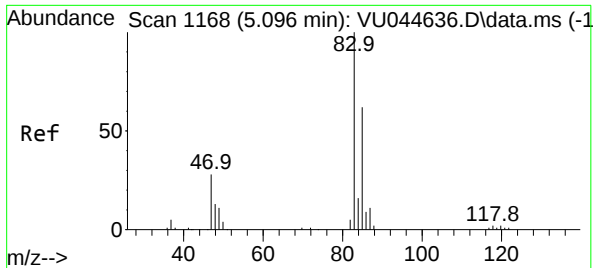
Tgt Ion: 96 Resp: 53154
 Ion Ratio Lower Upper
 96 100
 61 138.5 96.9 179.9
 98 63.0 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.402 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

Tgt Ion:128 Resp: 22531
 Ion Ratio Lower Upper
 128 100
 49 202.0 141.4 262.6
 130 129.0 94.3 175.1
 51 66.8 51.4 77.0

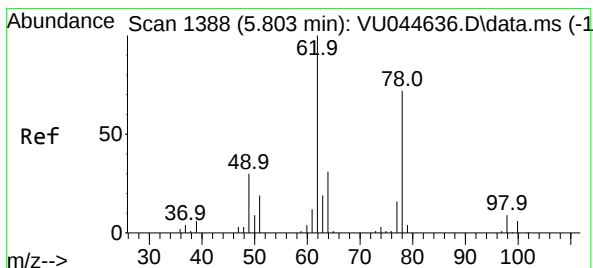
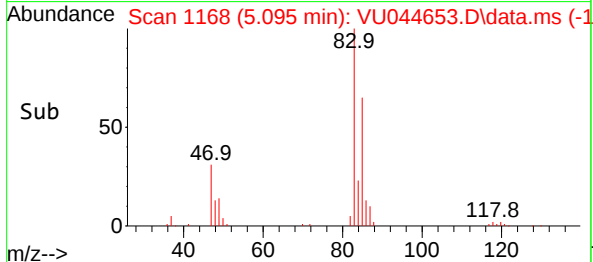
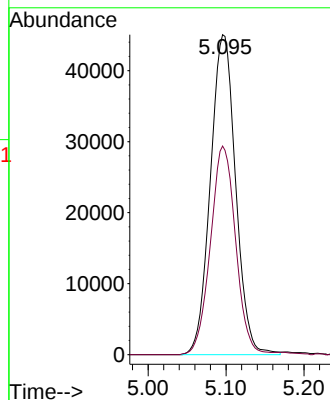
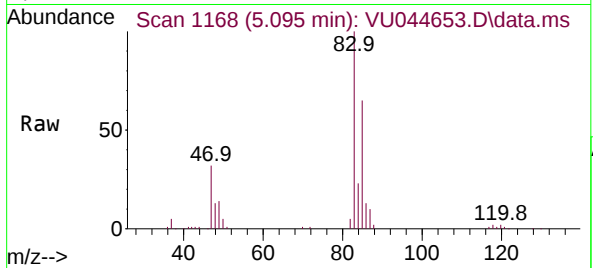




#25
Chloroform
Concen: 5.266 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

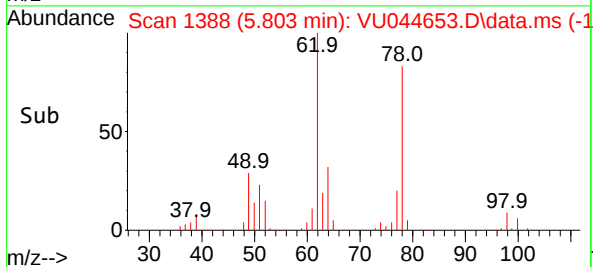
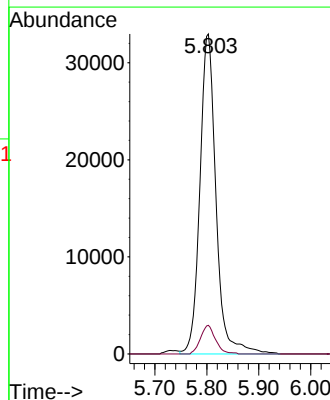
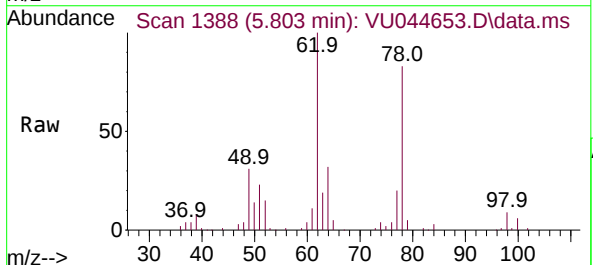
Instrument :
MSVOA_U
ClientSampled :

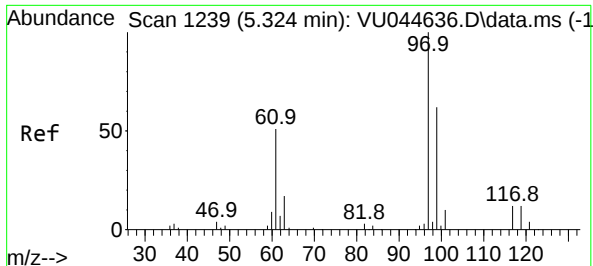
Tgt Ion: 83 Resp: 101327
Ion Ratio Lower Upper
83 100
85 65.2 44.2 82.0



#27
1,2-Dichloroethane
Concen: 5.635 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion: 62 Resp: 70993
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.366 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU044653.D

Acq: 15 Sep 2021 19:35

Tgt Ion: 97 Resp: 77734

Ion Ratio Lower Upper

97 100

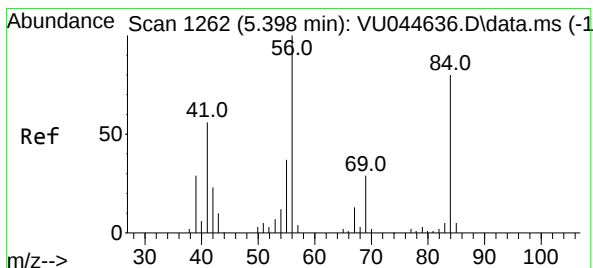
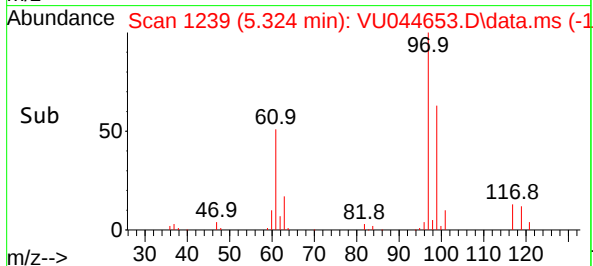
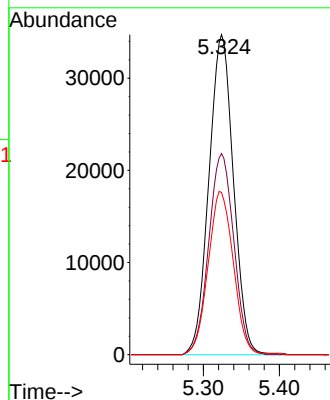
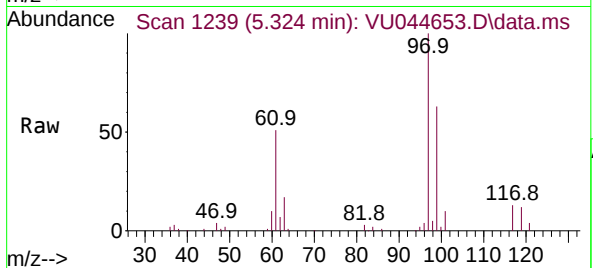
99 64.3 50.7 76.1

61 52.4 40.6 60.8

Instrument :

MSVOA_U

ClientSampled :



#30

Cyclohexane

Concen: 5.057 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU044653.D

Acq: 15 Sep 2021 19:35

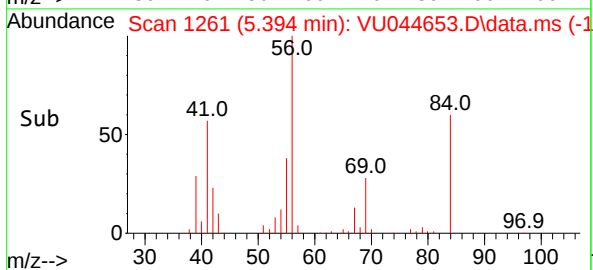
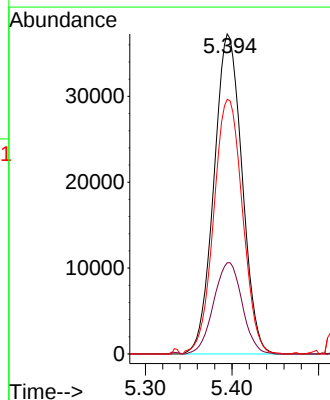
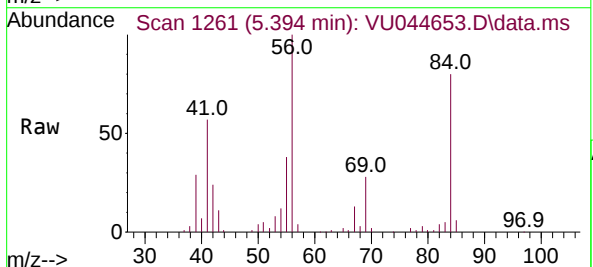
Tgt Ion: 56 Resp: 83895

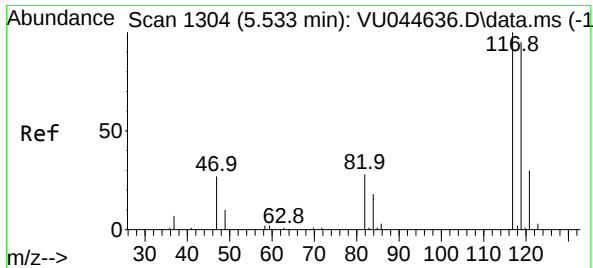
Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.2

84 81.7 65.5 98.3

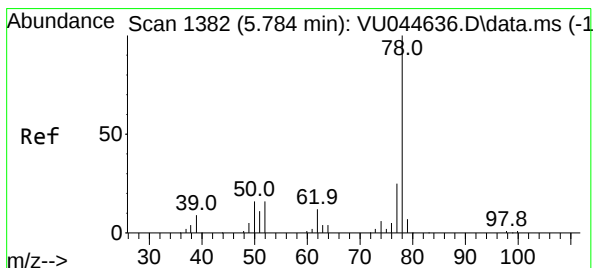
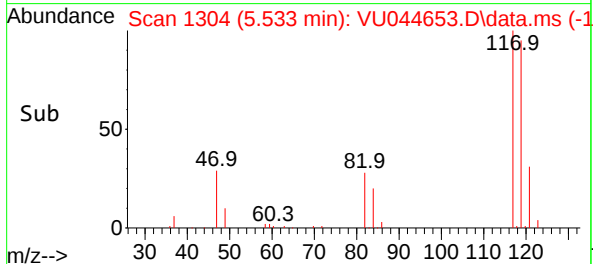
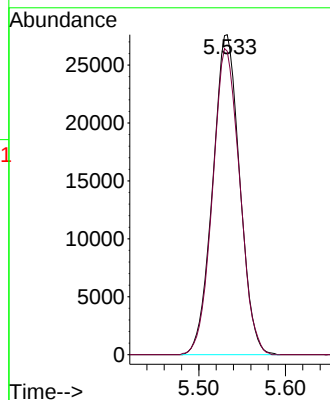
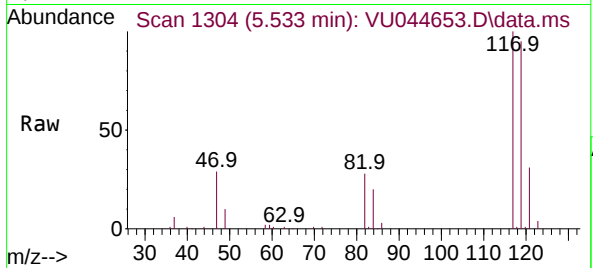




#31
Carbon tetrachloride
Concen: 5.269 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

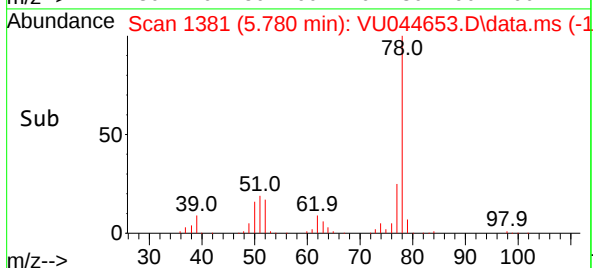
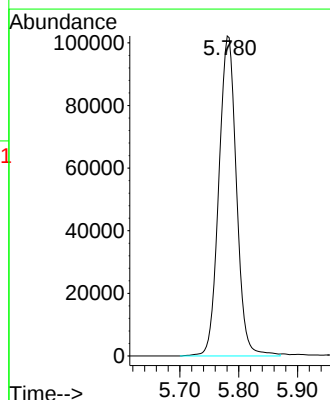
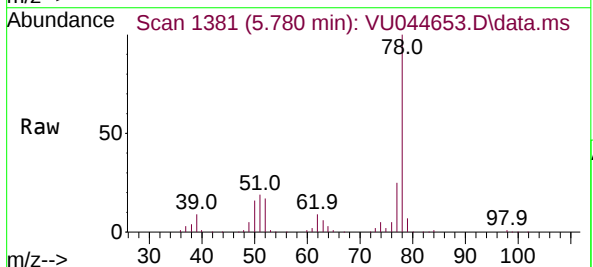
Instrument :
MSVOA_U
ClientSampled :

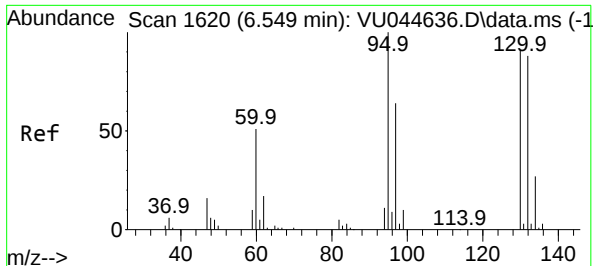
Tgt Ion:117 Resp: 59741
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6



#33
Benzene
Concen: 5.397 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion: 78 Resp: 212949



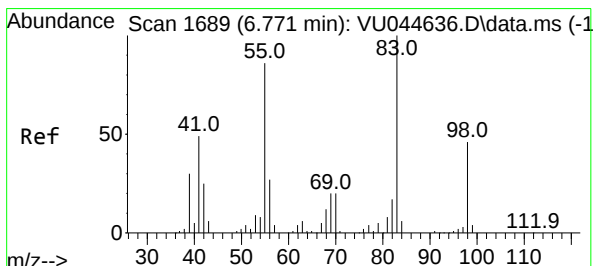
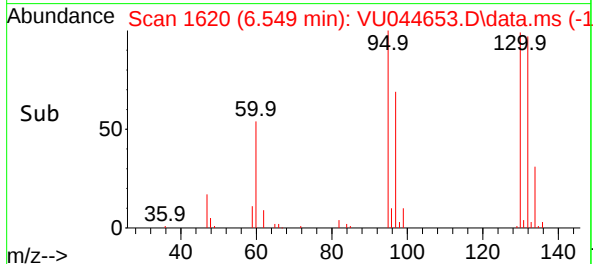
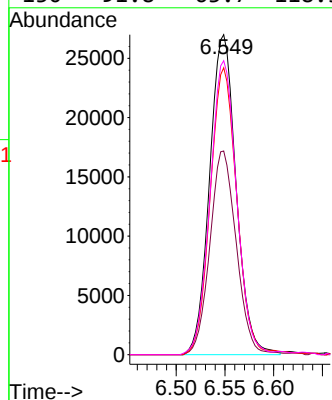
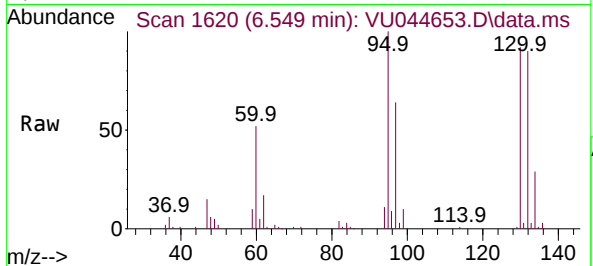


#34
Trichloroethene
Concen: 5.234 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 51127

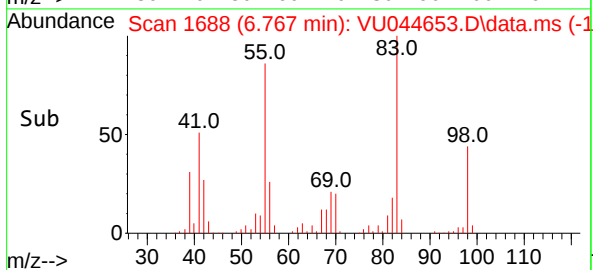
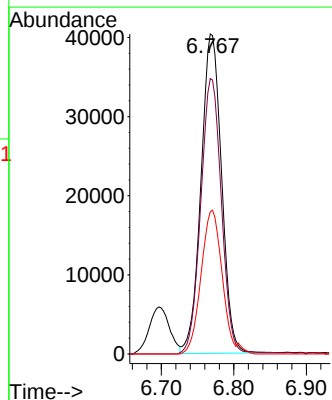
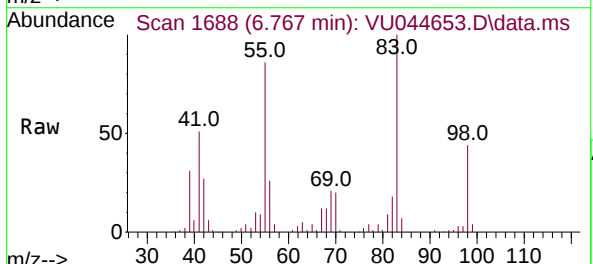
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.7	82.9
132	89.6	60.3	111.9
130	91.8	63.7	118.3

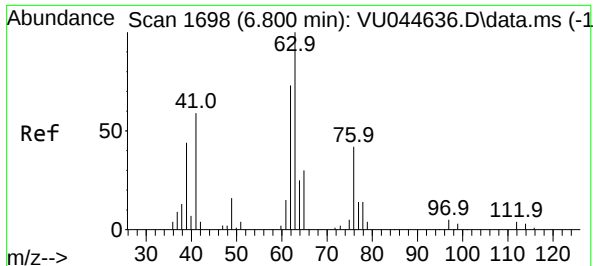


#35
Methylcyclohexane
Concen: 4.955 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion: 83 Resp: 79531

Ion	Ratio	Lower	Upper
83	100		
55	86.7	68.3	102.5
98	46.5	37.3	55.9



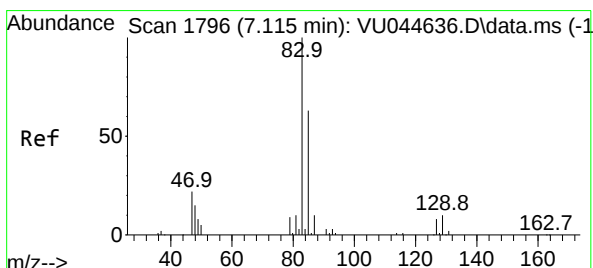
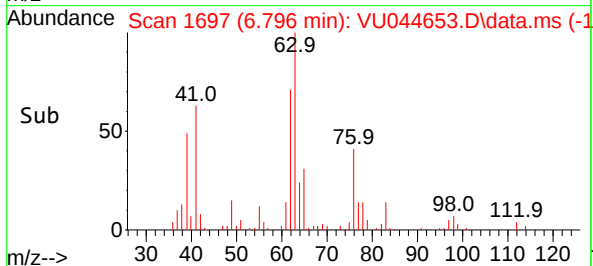
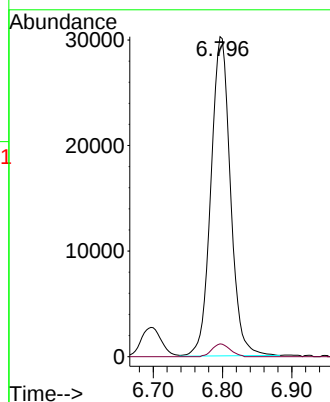
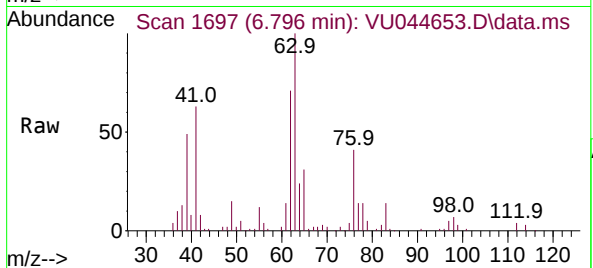


#37

1,2-Dichloropropane
Concen: 5.594 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Instrument :
MSVOA_U
ClientSampled :

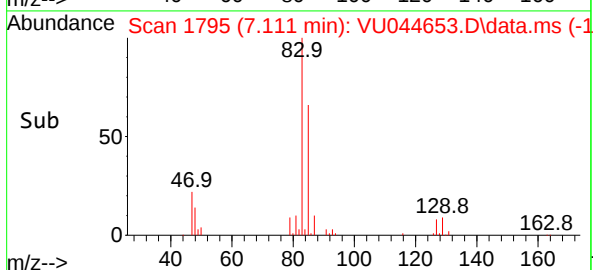
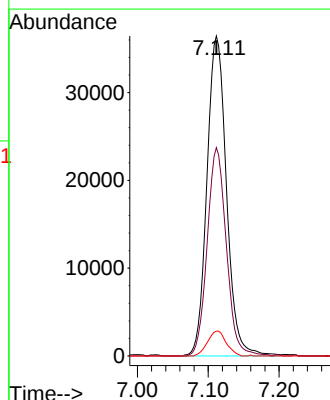
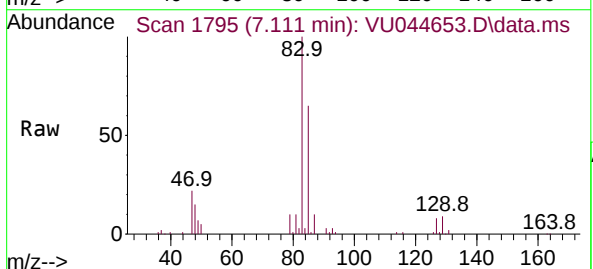
Tgt Ion: 63 Resp: 59148
Ion Ratio Lower Upper
63 100
112 3.7 3.1 4.7

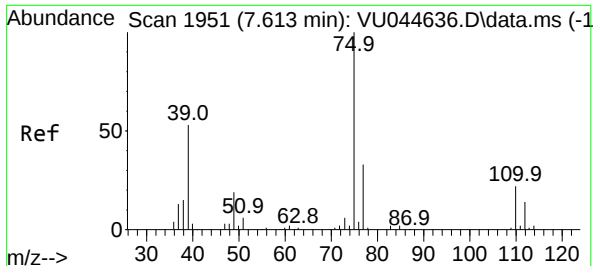


#38

Bromodichloromethane
Concen: 5.456 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion: 83 Resp: 69946
Ion Ratio Lower Upper
83 100
85 65.1 46.3 86.1
127 7.7 6.0 9.0



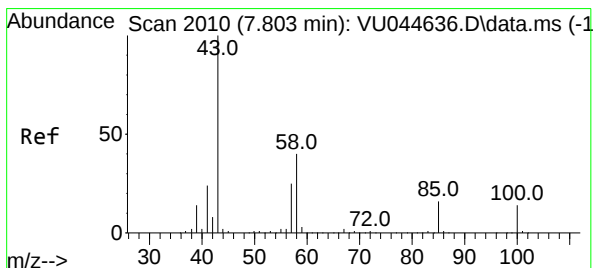
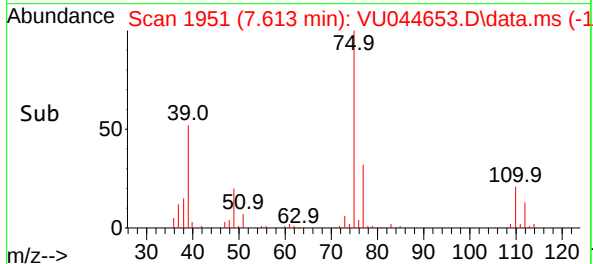
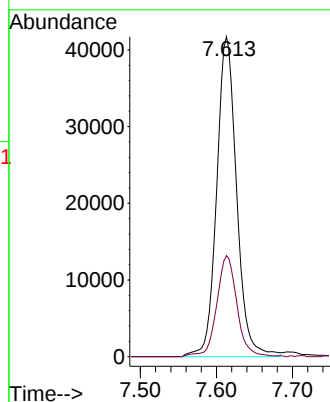
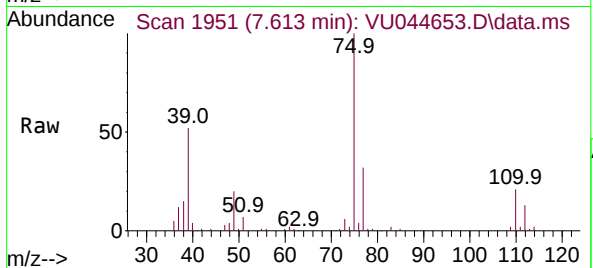


#39

cis-1,3-Dichloropropene
 Concen: 5.088 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

Instrument :
 MSVOA_U
 ClientSampled :

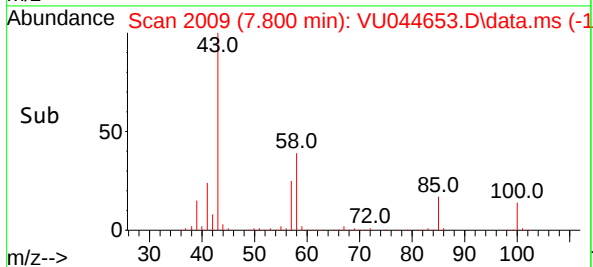
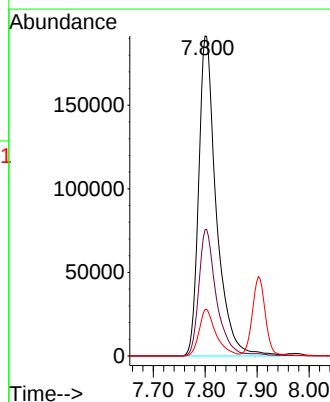
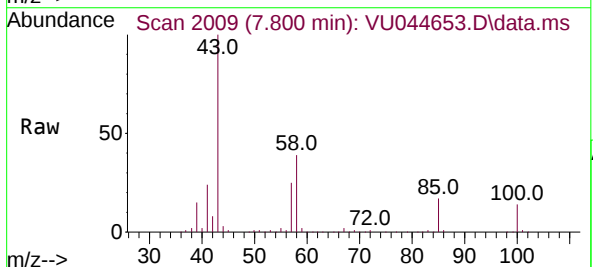
Tgt Ion: 75 Resp: 76210
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.5 39.9

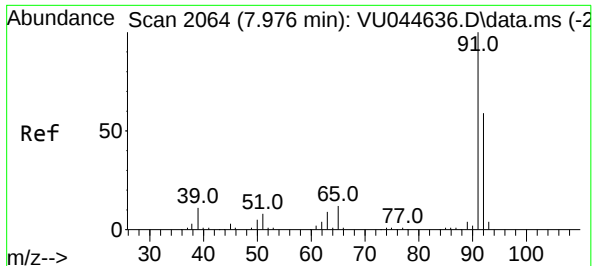


#40

4-Methyl-2-pentanone
 Concen: 54.801 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

Tgt Ion: 43 Resp: 451006
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.2 46.8
 100 14.0 11.4 17.0





#42

Toluene

Concen: 5.304 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU044653.D

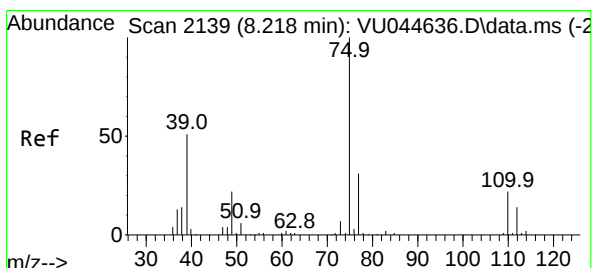
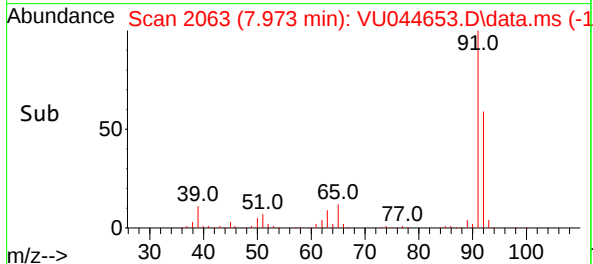
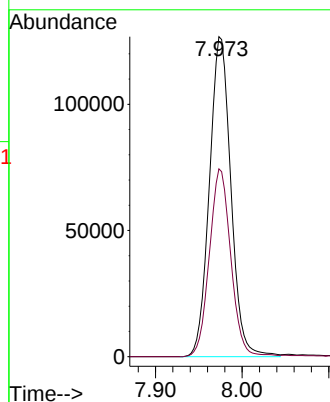
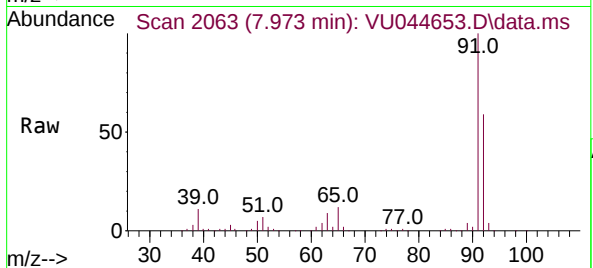
Acq: 15 Sep 2021 19:35

Tgt Ion: 91 Resp: 218553

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 5.141 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU044653.D

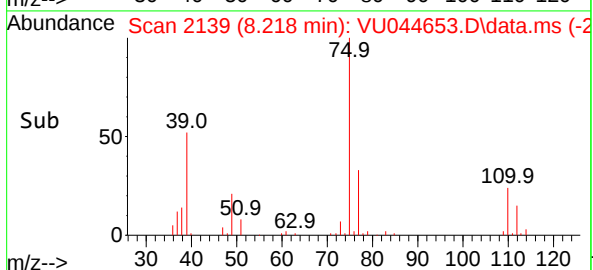
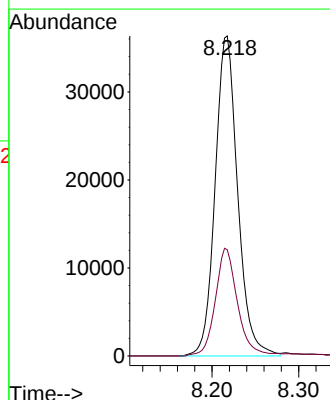
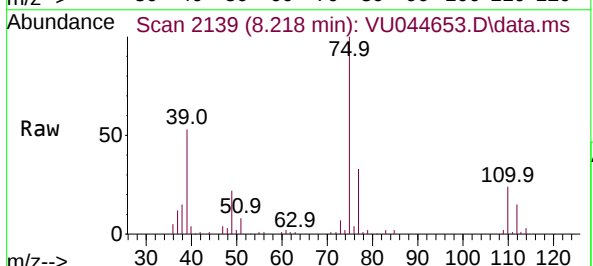
Acq: 15 Sep 2021 19:35

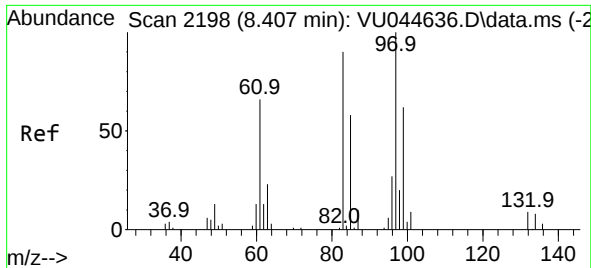
Tgt Ion: 75 Resp: 65718

Ion Ratio Lower Upper

75 100

77 33.2 22.0 41.0

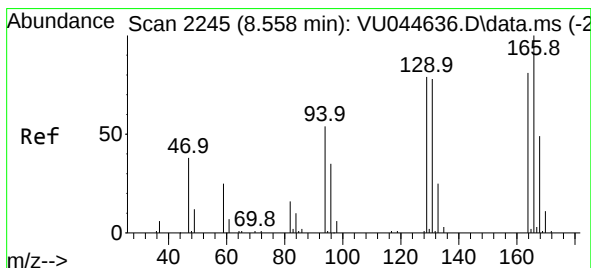
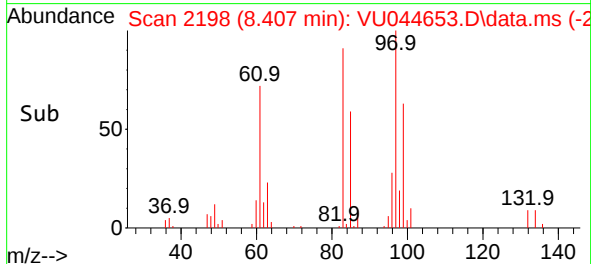
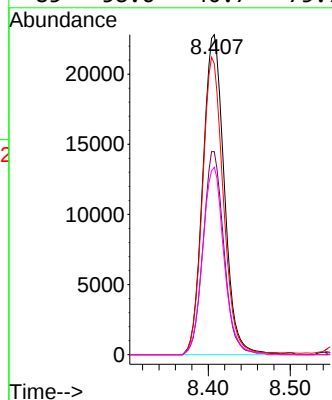
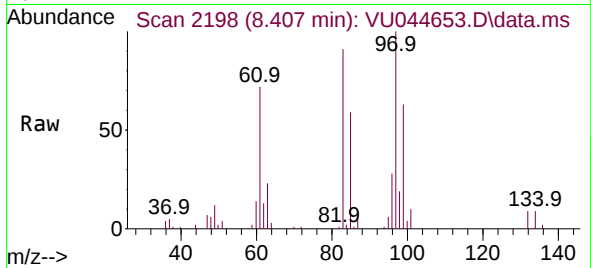




#45
1,1,2-Trichloroethane
Concen: 5.508 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

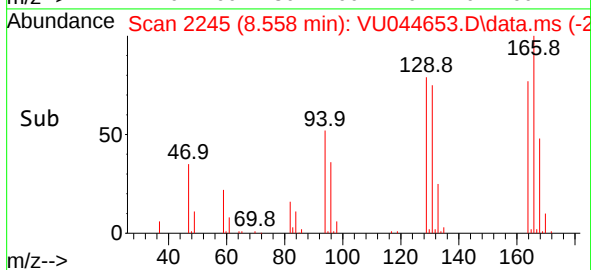
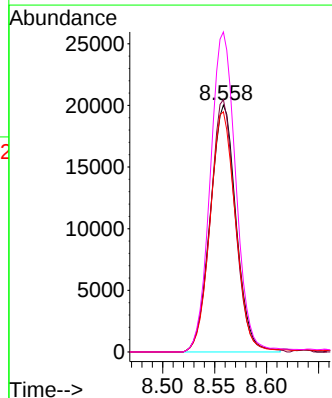
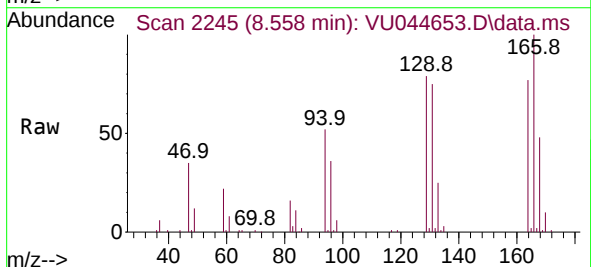
Instrument :
MSVOA_U
ClientSampleId :

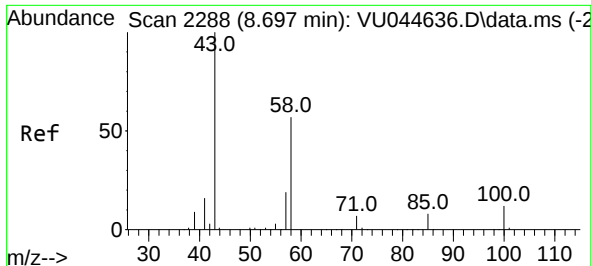
Tgt Ion:	97	Resp:	41409
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.8	83.2
83	91.0	63.6	118.0
85	58.6	40.7	75.7



#47
Tetrachloroethene
Concen: 5.117 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion:	164	Resp:	34706
Ion	Ratio	Lower	Upper
164	100		
129	102.2	67.0	124.4
131	97.3	65.2	121.0
166	129.6	87.6	162.8



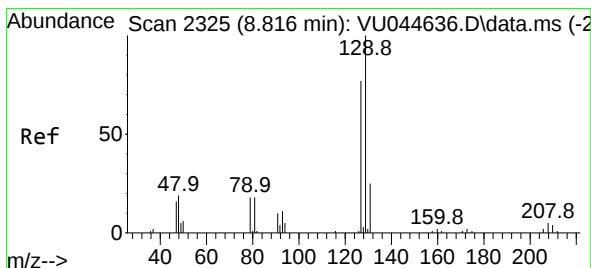
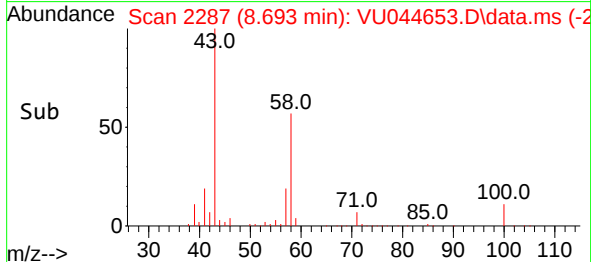
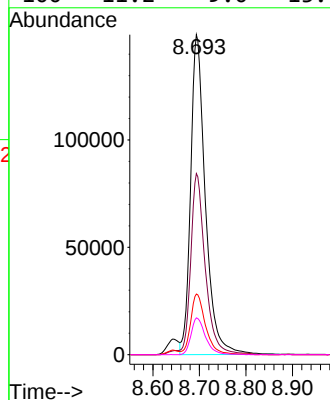
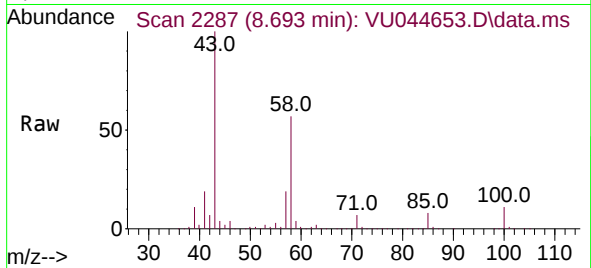


#48
2-Hexanone
Concen: 53.521 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 327851

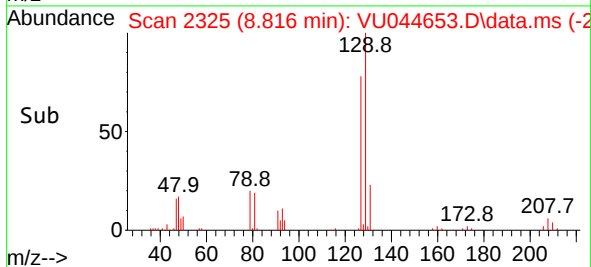
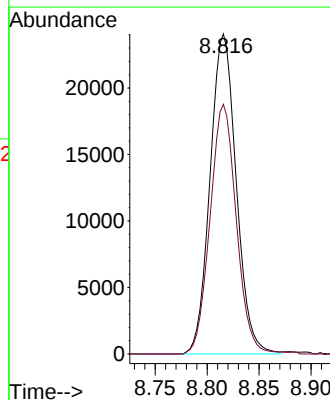
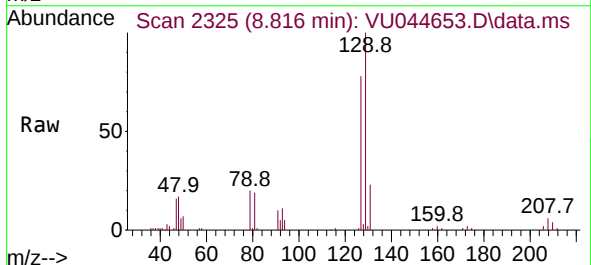
Ion	Ratio	Lower	Upper
43	100		
58	56.6	44.6	66.8
57	18.8	14.8	22.2
100	11.2	9.0	13.4

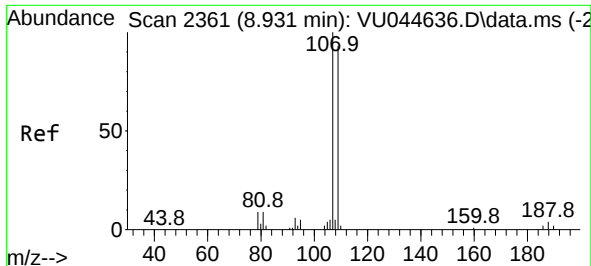


#49
Dibromochloromethane
Concen: 5.338 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion: 129 Resp: 42163

Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.3	99.1





#50

1,2-Dibromoethane

Concen: 5.410 ug/L

RT: 8.928 min Scan# 2360

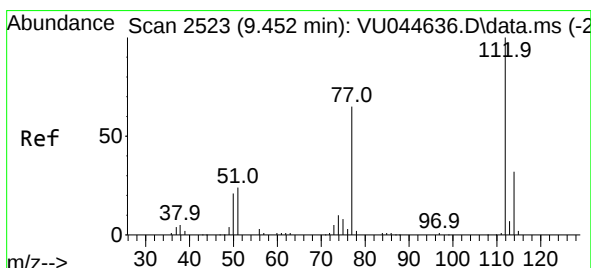
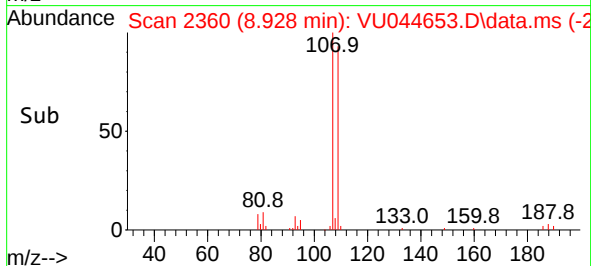
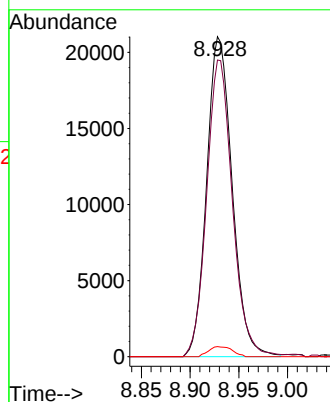
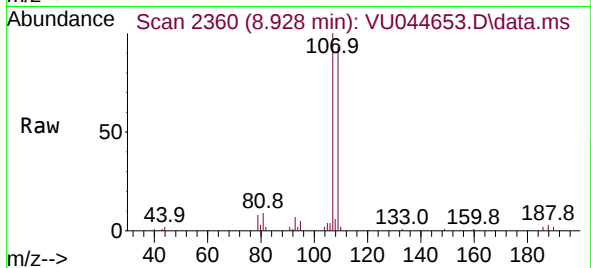
Delta R.T. -0.003 min

Lab File: VU044653.D

Acq: 15 Sep 2021 19:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	38289
Ion	Ratio	Lower	Upper
107	100		
109	92.7	65.5	121.7
188	3.1	3.0	4.4



#51

Chlorobenzene

Concen: 5.209 ug/L

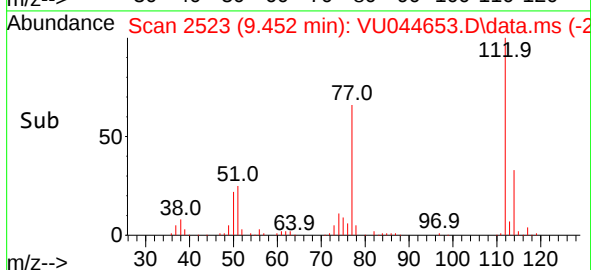
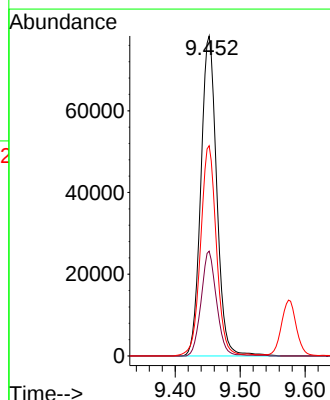
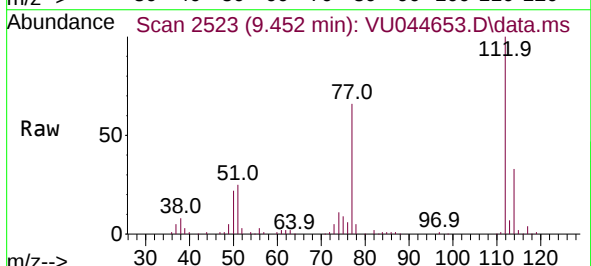
RT: 9.452 min Scan# 2523

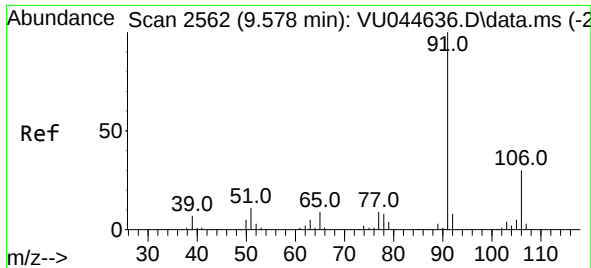
Delta R.T. -0.000 min

Lab File: VU044653.D

Acq: 15 Sep 2021 19:35

Tgt Ion:	112	Resp:	133071
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.8	42.4
77	65.7	51.4	77.0

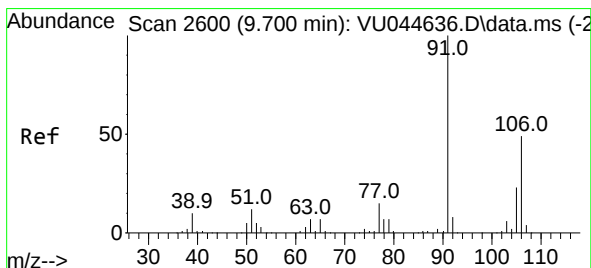
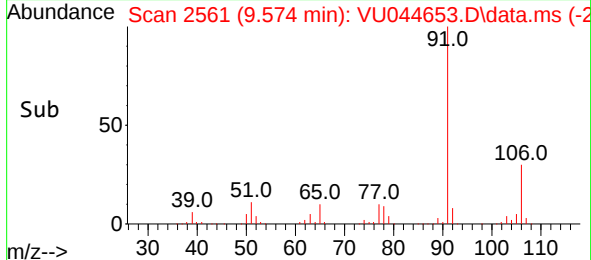
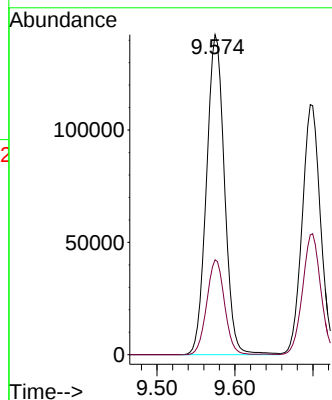
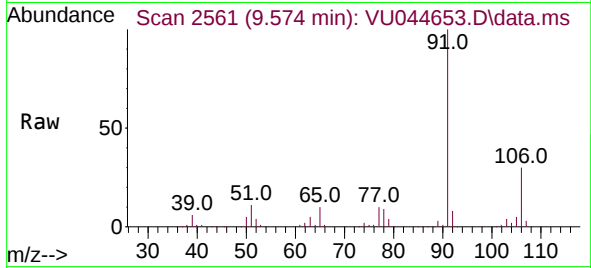




#52
Ethylbenzene
Concen: 5.124 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

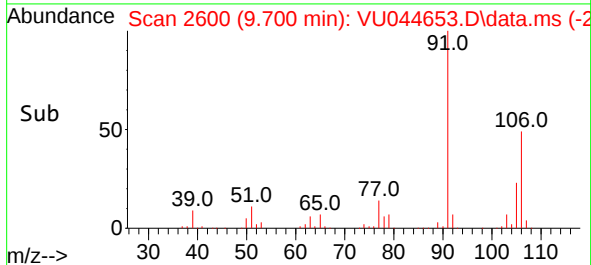
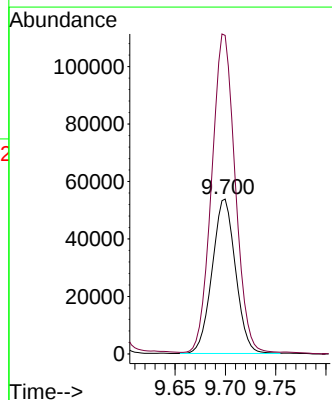
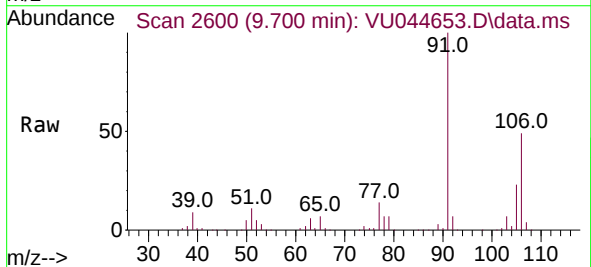
Instrument :
MSVOA_U
ClientSampled :

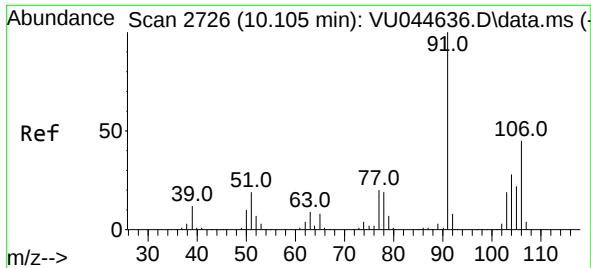
Tgt Ion: 91 Resp: 228701
Ion Ratio Lower Upper
91 100
106 29.6 21.1 39.1



#53
m,p-Xylene
Concen: 5.126 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion: 106 Resp: 87002
Ion Ratio Lower Upper
106 100
91 205.7 144.6 268.6

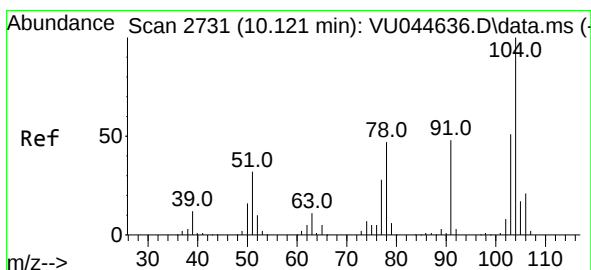
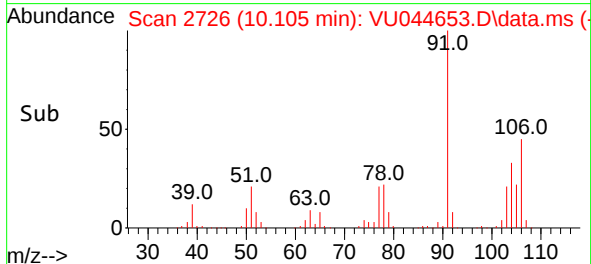
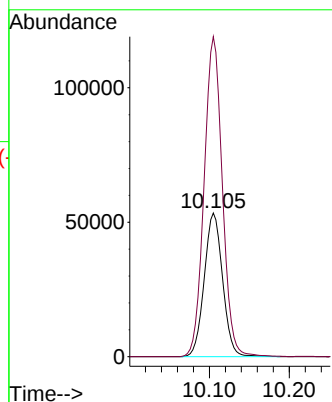
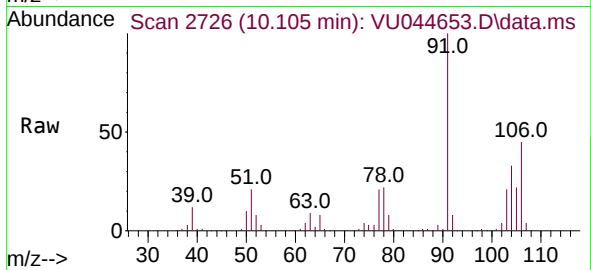




#54
o-Xylene
Concen: 5.272 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

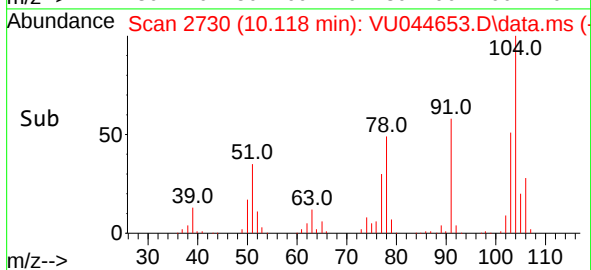
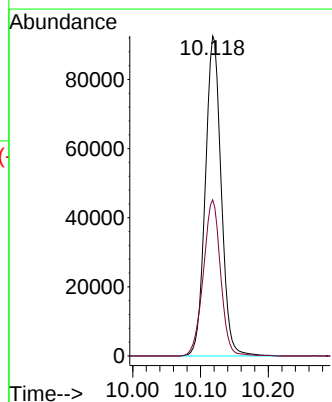
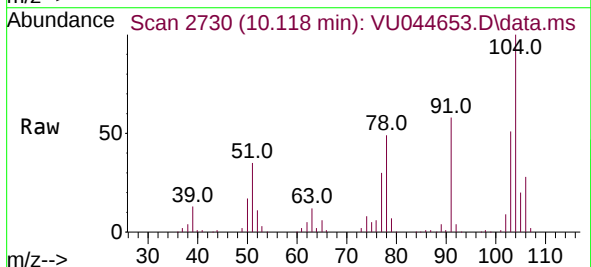
Instrument :
MSVOA_U
ClientSampleId :

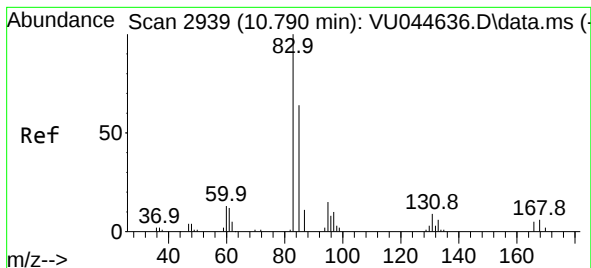
Tgt Ion:106 Resp: 85477
Ion Ratio Lower Upper
106 100
91 222.8 156.2 290.0



#55
Styrene
Concen: 5.304 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion:104 Resp: 150551
Ion Ratio Lower Upper
104 100
78 48.8 33.6 62.4

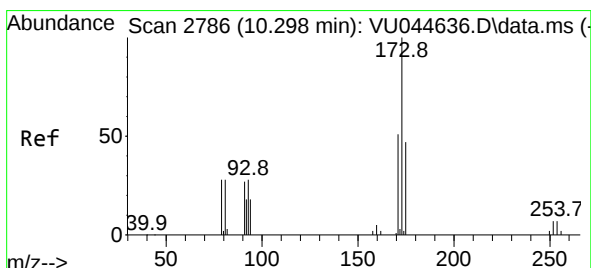
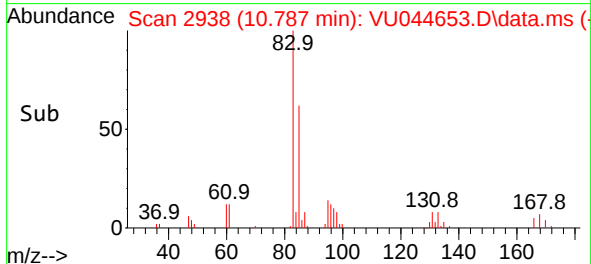
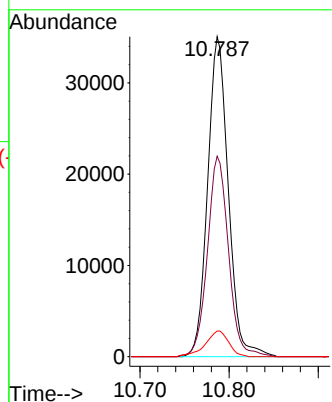
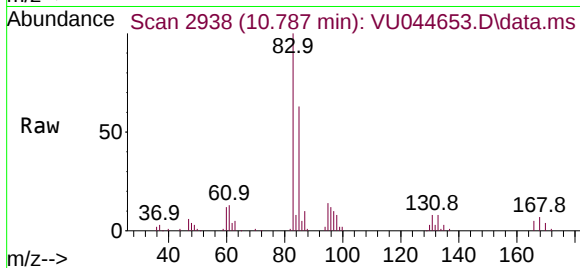




#57
1,1,2,2-Tetrachloroethane
Concen: 5.583 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

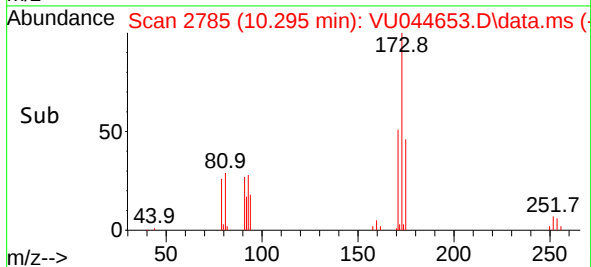
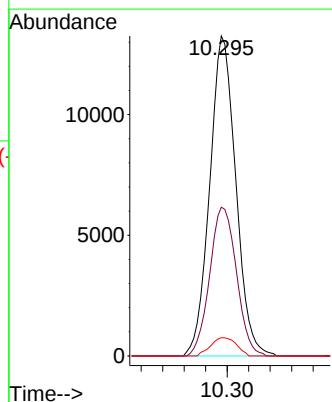
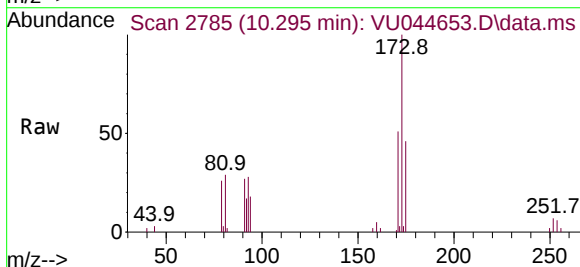
Instrument :
MSVOA_U
ClientSampleId :

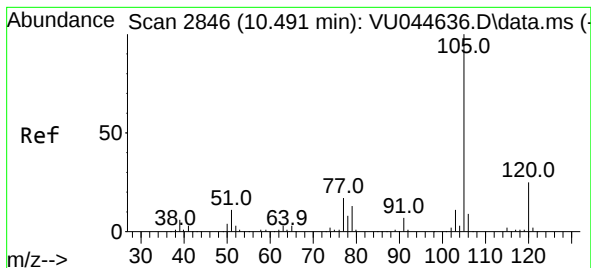
Tgt Ion: 83 Resp: 56349
Ion Ratio Lower Upper
83 100
85 62.7 44.5 82.7
131 8.0 6.6 10.0



#59
Bromoform
Concen: 5.426 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion:173 Resp: 22335
Ion Ratio Lower Upper
173 100
175 47.7 38.8 58.2
254 5.6 4.9 7.3





#60

Isopropylbenzene

Concen: 5.396 ug/L

RT: 10.488 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VU044653.D

Acq: 15 Sep 2021 19:35

Tgt Ion:105 Resp: 223739

Ion Ratio Lower Upper

105 100

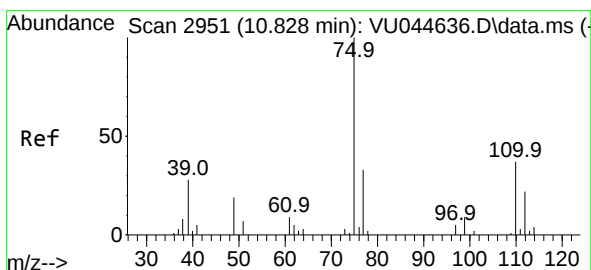
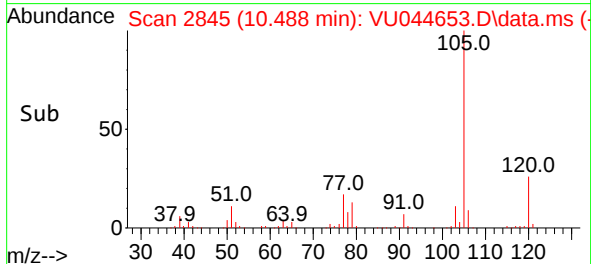
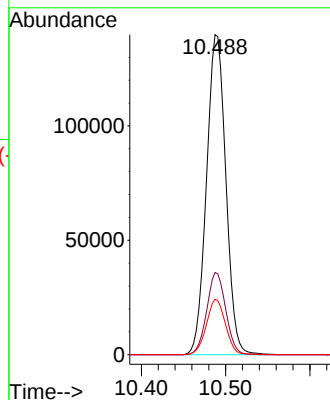
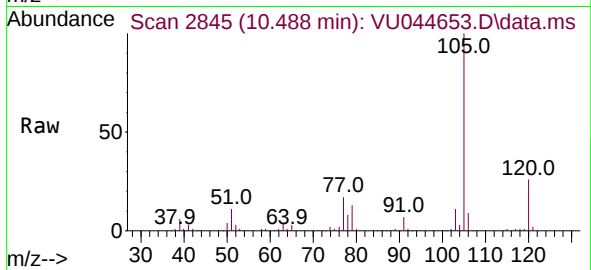
120 25.2 20.2 30.2

77 17.1 13.6 20.4

Instrument :

MSVOA_U

ClientSampleId :



#61

1,2,3-Trichloropropane

Concen: 5.615 ug/L

RT: 10.828 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VU044653.D

Acq: 15 Sep 2021 19:35

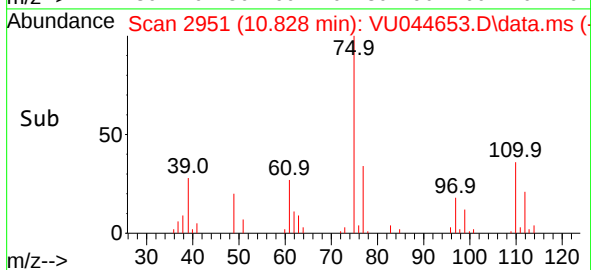
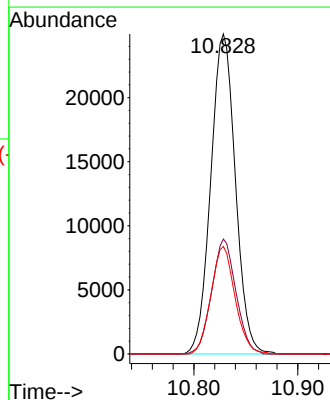
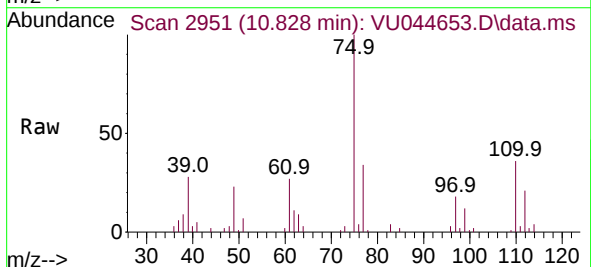
Tgt Ion: 75 Resp: 41094

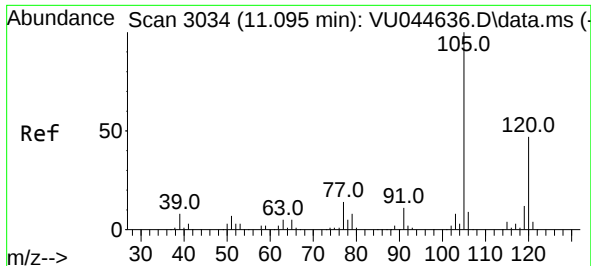
Ion Ratio Lower Upper

75 100

110 35.3 28.8 43.2

77 32.9 25.9 38.9

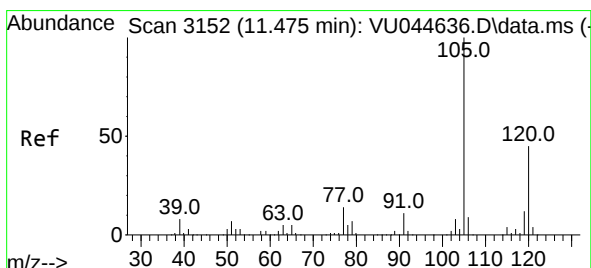
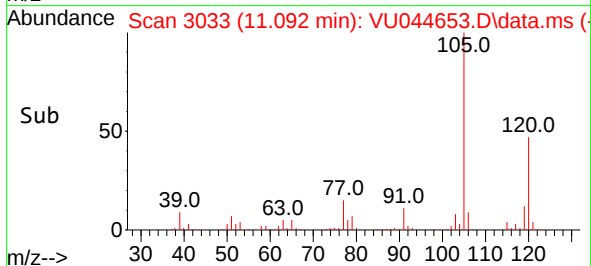
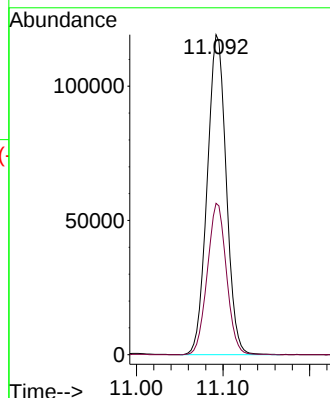
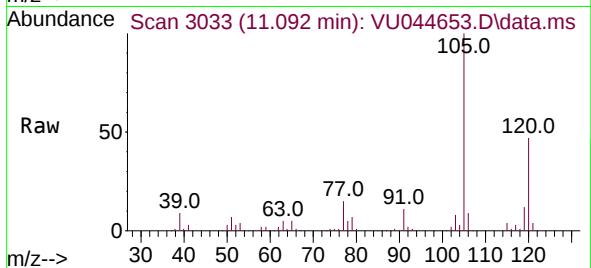




#62
1,3,5-Trimethylbenzene
Concen: 5.275 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

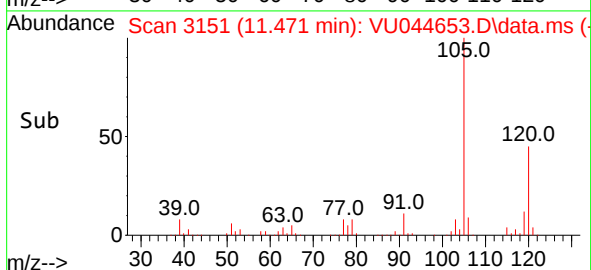
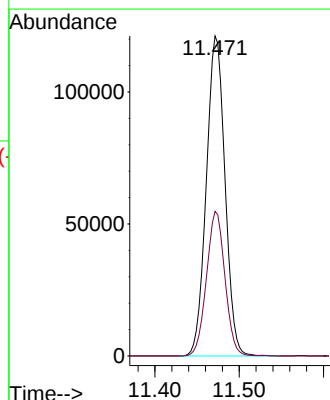
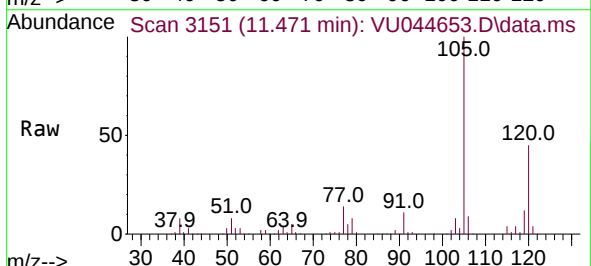
Instrument :
MSVOA_U
ClientSampleId :

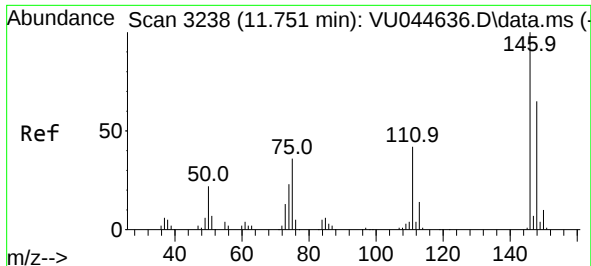
Tgt Ion:105 Resp: 181637
Ion Ratio Lower Upper
105 100
120 47.6 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 5.291 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion:105 Resp: 187099
Ion Ratio Lower Upper
105 100
120 44.6 35.4 53.2

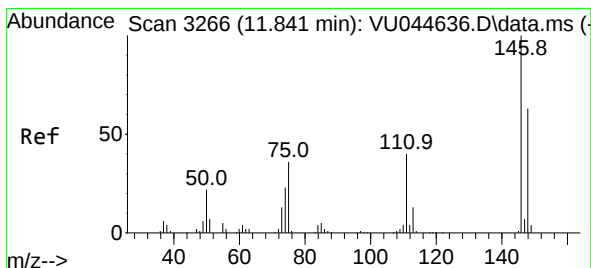
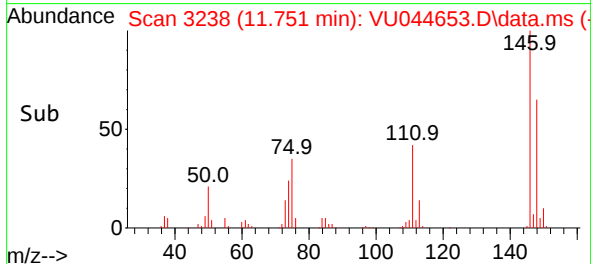
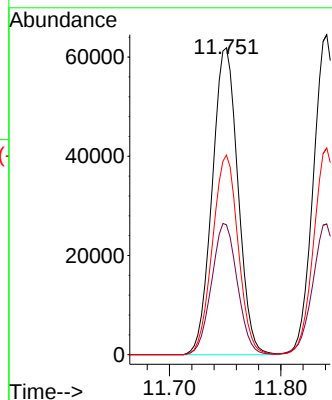
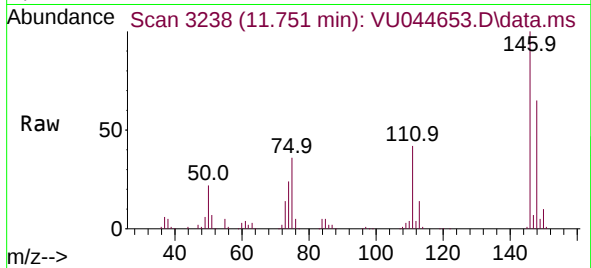




#64
1,3-Dichlorobenzene
Concen: 5.145 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

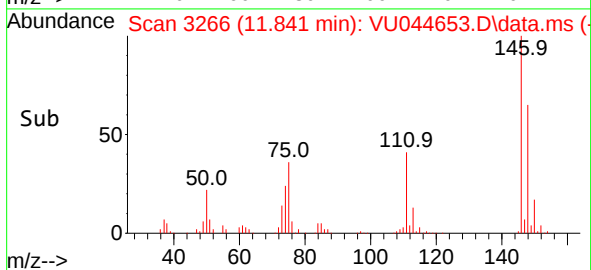
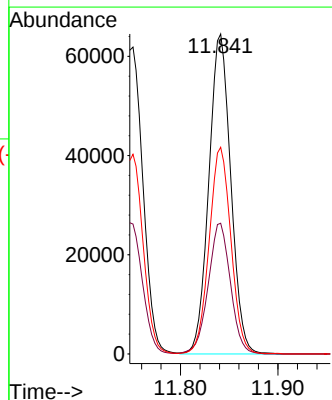
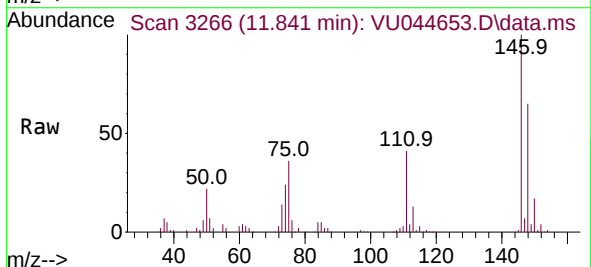
Instrument :
MSVOA_U
ClientSampled :

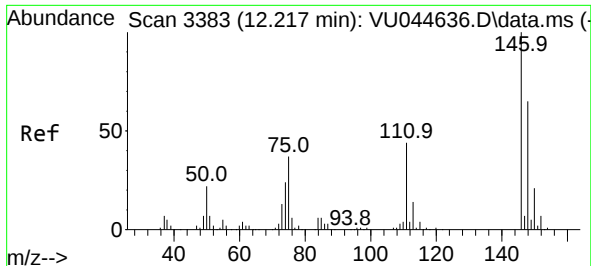
Tgt Ion:146 Resp: 99462
Ion Ratio Lower Upper
146 100
111 42.3 29.8 55.4
148 65.1 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 5.052 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion:146 Resp: 100763
Ion Ratio Lower Upper
146 100
111 40.9 28.7 53.3
148 64.6 45.4 84.4

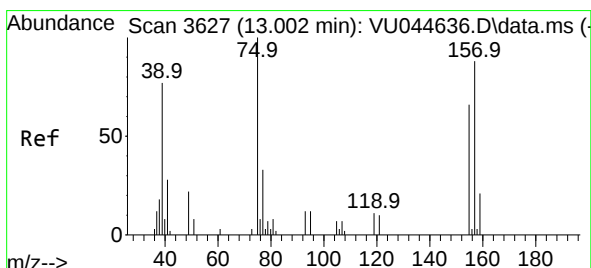
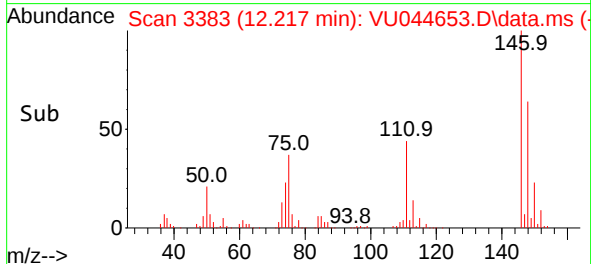
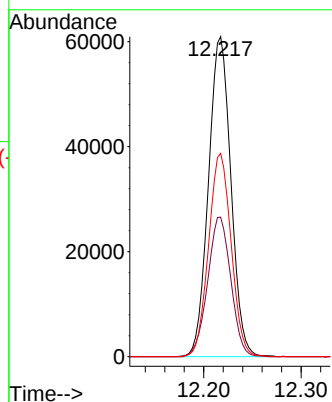
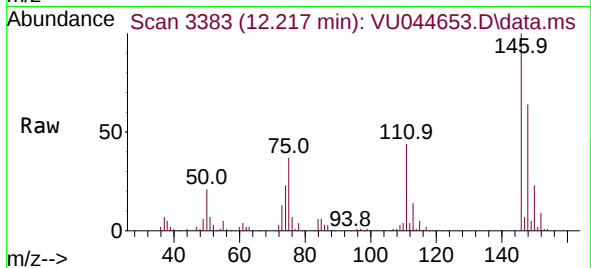




#67
1,2-Dichlorobenzene
Concen: 5.314 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

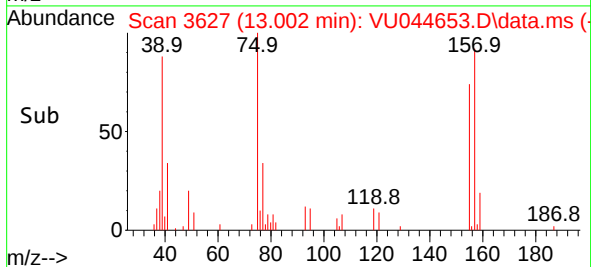
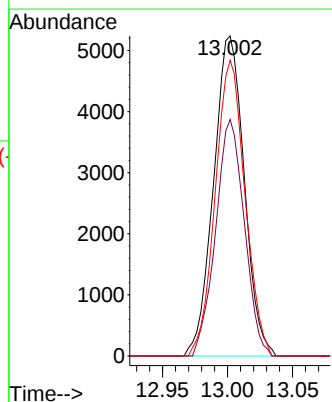
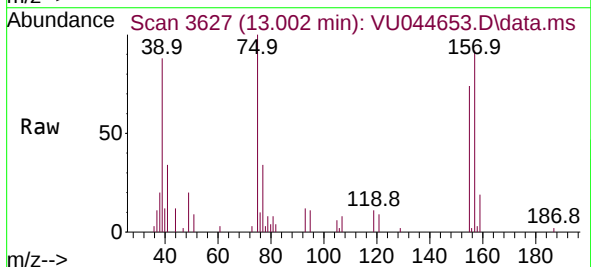
Instrument :
MSVOA_U
ClientSampleId :

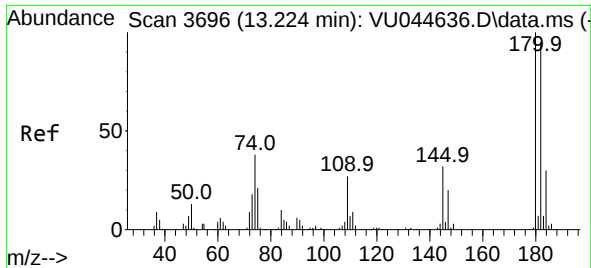
Tgt Ion:146 Resp: 97509
Ion Ratio Lower Upper
146 100
111 43.6 34.6 51.8
148 63.5 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.335 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

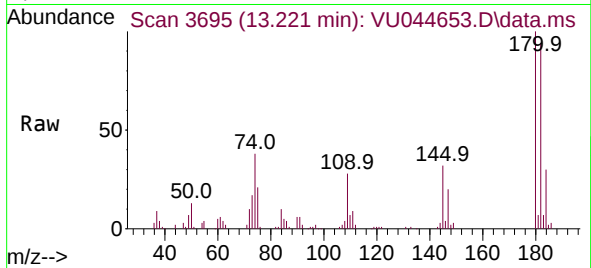
Tgt Ion: 75 Resp: 8587
Ion Ratio Lower Upper
75 100
155 73.9 54.0 81.0
157 92.4 65.4 98.2



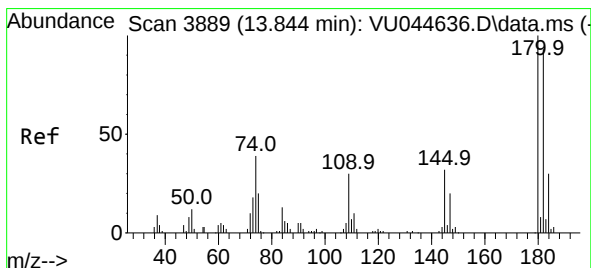
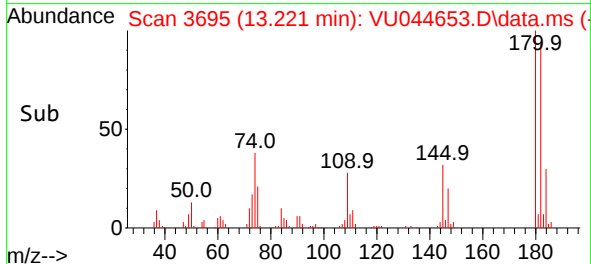
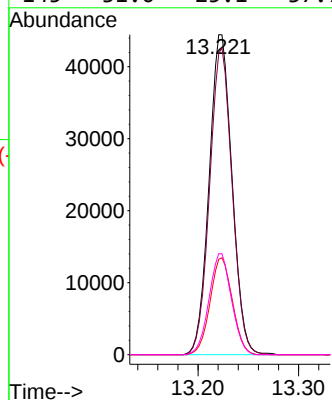


#69
 1,3,5-Trichlorobenzene
 Concen: 4.780 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

Instrument :
 MSVOA_U
 ClientSampleId :

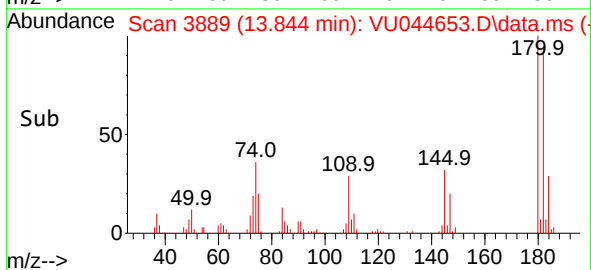
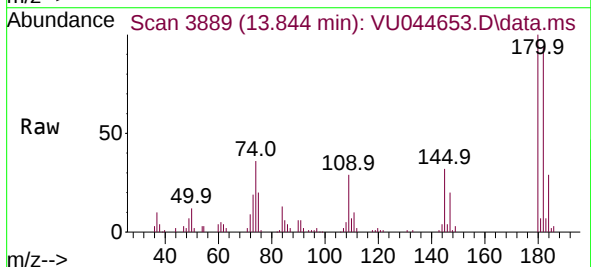
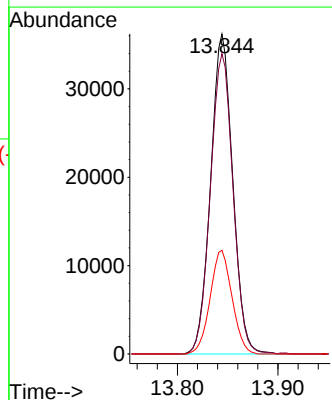


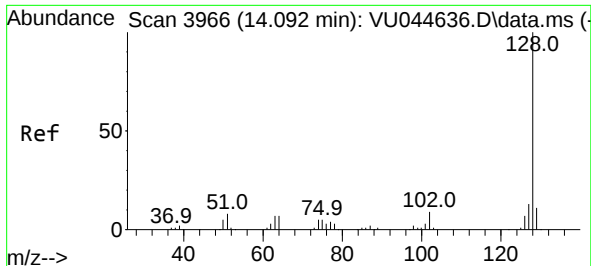
Tgt Ion:180 Resp: 70251
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.9 115.3
 184 29.5 24.1 36.1
 145 31.0 25.1 37.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.465 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044653.D
 Acq: 15 Sep 2021 19:35

Tgt Ion:180 Resp: 55349
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.4 113.0
 145 32.1 25.2 37.8

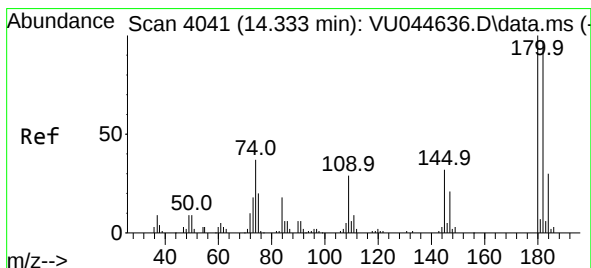
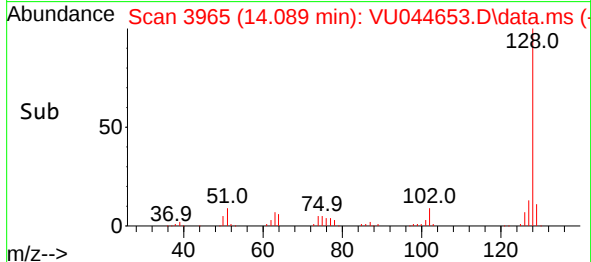
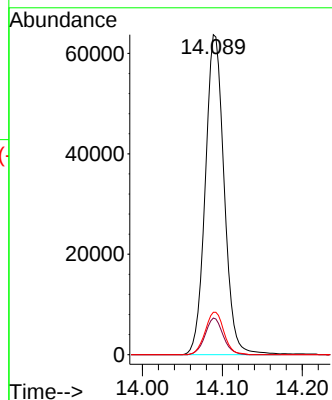
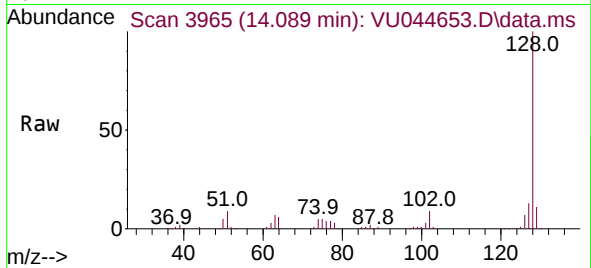




#71
Naphthalene
Concen: 4.318 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 104423
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.646 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044653.D
Acq: 15 Sep 2021 19:35

Tgt Ion:180 Resp: 53010
Ion Ratio Lower Upper
180 100
182 95.9 75.9 113.9
145 33.9 27.0 40.6

