

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
 Data File : VU044655.D
 Acq On : 16 Sep 2021 09:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 02:54:14 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	127031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	129332	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	63112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31652	4.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.919	69	33726	4.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.571	65	16611	4.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.642	46	167996	53.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.940%
24) Chloroform-d	5.073	84	79463	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.710	65	44621	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.735	84	147045	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.697	67	51154	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.902	98	126741	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.185	79	16732	4.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.642	63	126728	51.650	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.300%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46881	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	46360	4.452	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	54600	5.390	ug/L	99
3) Chloromethane	1.520	50	67019	5.503	ug/L	100
5) Vinyl chloride	1.607	62	68863	5.544	ug/L	96
6) Bromomethane	1.861	94	33817	5.313	ug/L	99
8) Chloroethane	1.938	64	43332	5.473	ug/L	97
9) Trichlorofluoromethane	2.144	101	80942	5.787	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	50082	5.833	ug/L	98
12) 1,1-Dichloroethene	2.584	96	45785	5.610	ug/L	96
13) Acetone	2.649	43	88919	43.451	ug/L	82
14) Carbon disulfide	2.800	76	132314	5.121	ug/L	99
15) Methyl Acetate	2.960	43	18152	4.913	ug/L	95
16) Methylene chloride	3.054	84	58321	4.494	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	126694	5.616	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	48787	5.624	ug/L	95
19) 1,1-Dichloroethane	3.877	63	101770	5.802	ug/L	99
21) 2-Butanone	4.722	43	192163	56.238	ug/L	96
22) cis-1,2-Dichloroethene	4.677	96	53181	5.561	ug/L	100
23) Bromochloromethane	4.983	128	23308	5.753	ug/L	96
25) Chloroform	5.095	83	103059	5.514	ug/L	98

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Quant Time: Sep 17 02:54:14 2021
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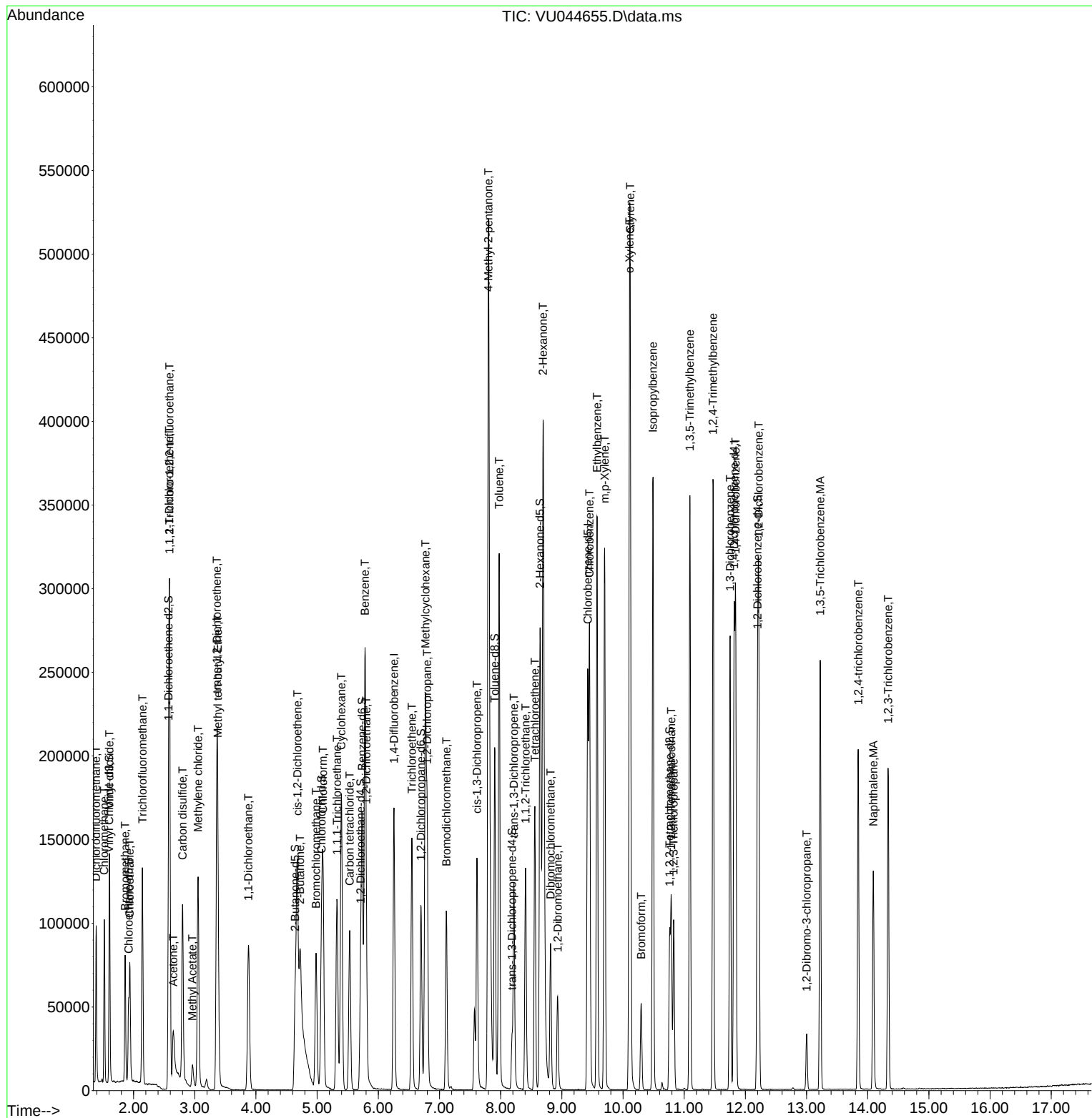
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	68887	5.629	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	79171	5.618	ug/L	98
30) Cyclohexane	5.398	56	85134	5.275	ug/L	99
31) Carbon tetrachloride	5.533	117	61916	5.614	ug/L	99
33) Benzene	5.780	78	219404	5.716	ug/L	100
34) Trichloroethene	6.549	95	52674	5.543	ug/L	99
35) Methylcyclohexane	6.771	83	81479	5.218	ug/L	99
37) 1,2-Dichloropropane	6.800	63	58875	5.724	ug/L	100
38) Bromodichloromethane	7.111	83	71035	5.696	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	78069	5.357	ug/L	96
40) 4-Methyl-2-pentanone	7.800	43	454730	56.799	ug/L	99
42) Toluene	7.976	91	224120	5.591	ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	68314	5.494	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	42008	5.744	ug/L	98
47) Tetrachloroethene	8.558	164	35052	5.312	ug/L	98
48) 2-Hexanone	8.693	43	331297	55.596	ug/L	99
49) Dibromochloromethane	8.816	129	43596	5.674	ug/L	100
50) 1,2-Dibromoethane	8.931	107	37996	5.519	ug/L	100
51) Chlorobenzene	9.452	112	135021	5.433	ug/L	99
52) Ethylbenzene	9.578	91	235695	5.428	ug/L	99
53) m,p-Xylene	9.700	106	89642	5.429	ug/L	95
54) o-Xylene	10.105	106	86203	5.465	ug/L	100
55) Styrene	10.118	104	153276	5.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	55949	5.698	ug/L	97
59) Bromoform	10.298	173	23003	5.864	ug/L	96
60) Isopropylbenzene	10.491	105	228271	5.778	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	42347	6.073	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	183405	5.590	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	192844	5.723	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	102859	5.584	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	103950	5.470	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	100054	5.723	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	8798	5.737	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	72431	5.172	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	56250	4.762	ug/L	100
71) Naphthalene	14.092	128	102387	4.443	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	53238	4.896	ug/L	99

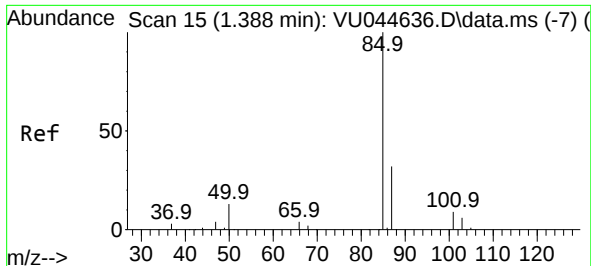
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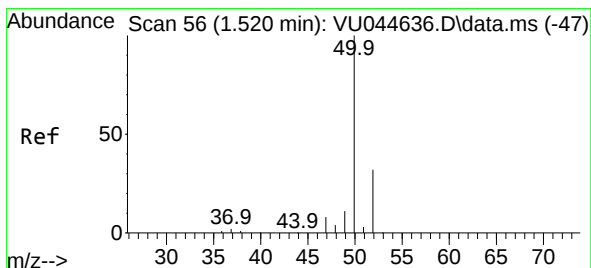
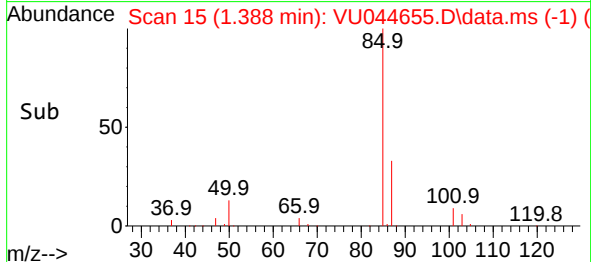
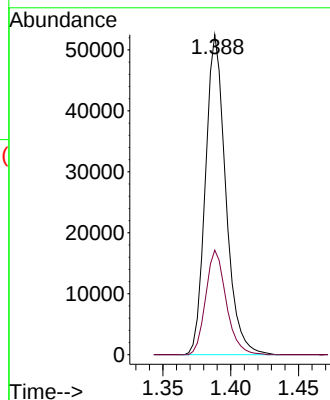
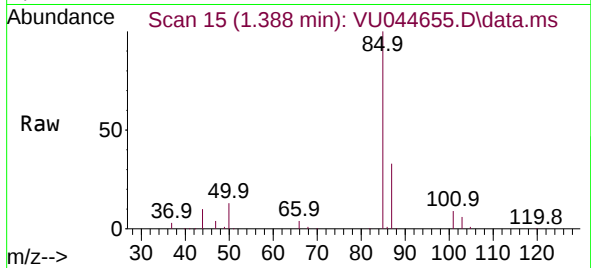




#2
Dichlorodifluoromethane
Concen: 5.390 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

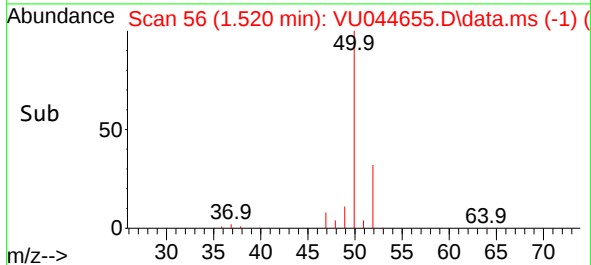
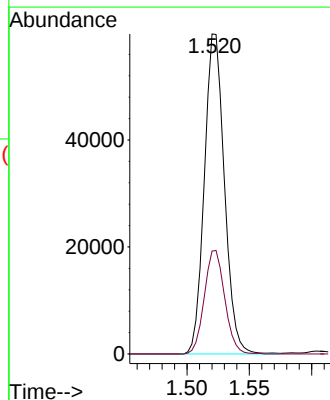
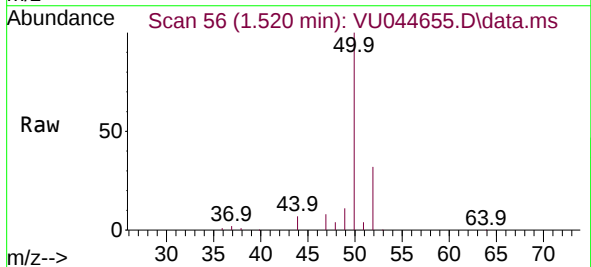
Instrument :
MSVOA_U
ClientSampled :

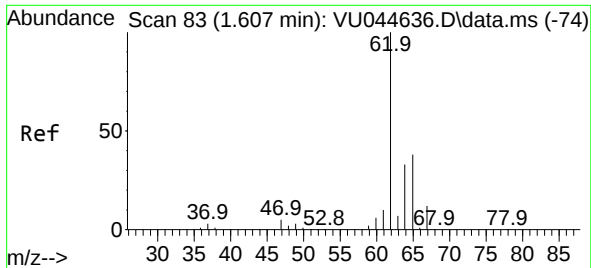
Tgt Ion: 85 Resp: 54600
Ion Ratio Lower Upper
85 100
87 33.0 26.0 39.0



#3
Chloromethane
Concen: 5.503 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 50 Resp: 67019
Ion Ratio Lower Upper
50 100
52 32.2 22.6 42.0

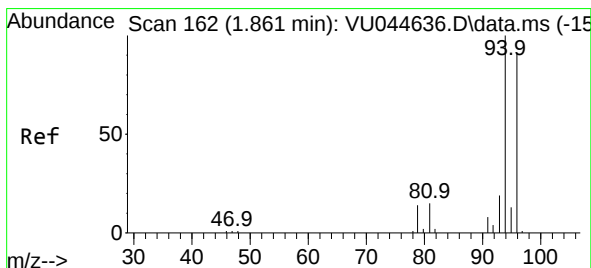
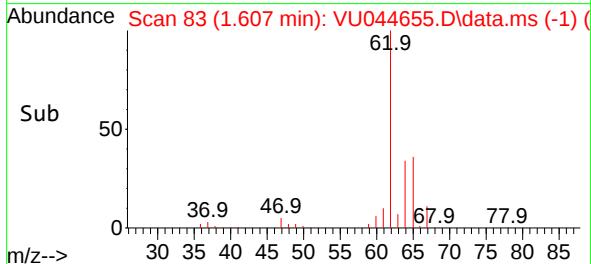
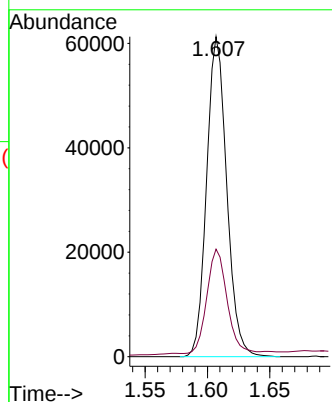
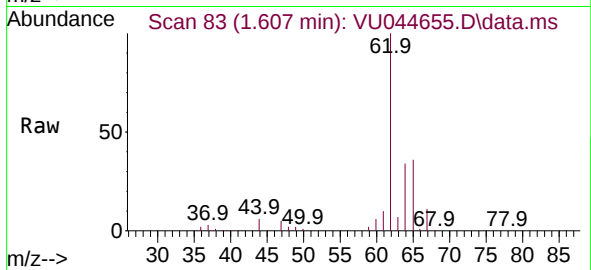




#5
 Vinyl chloride
 Concen: 5.544 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

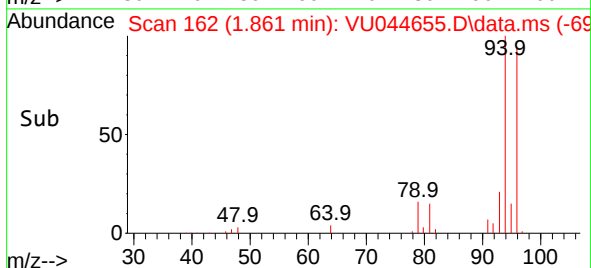
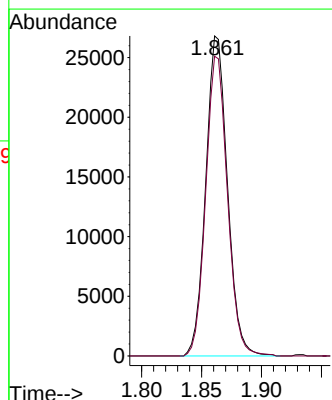
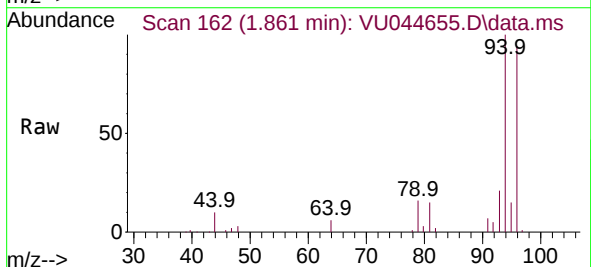
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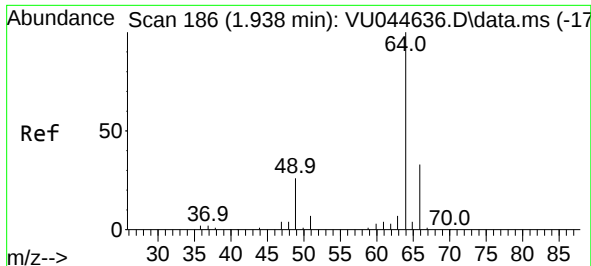
Tgt Ion: 62 Resp: 68863
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.0 40.8



#6
 Bromomethane
 Concen: 5.313 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

Tgt Ion: 94 Resp: 33817
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.4 123.4

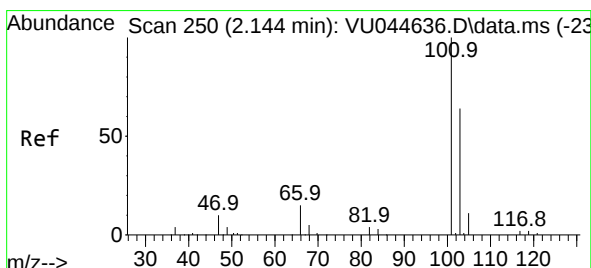
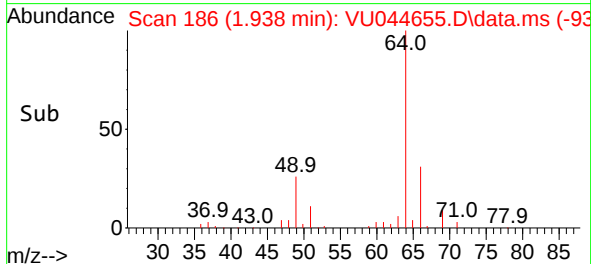
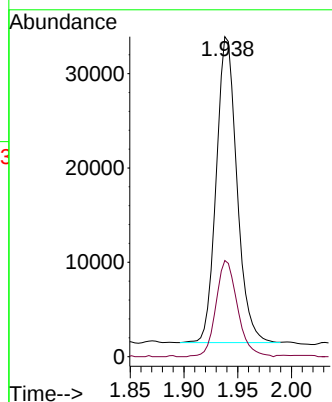
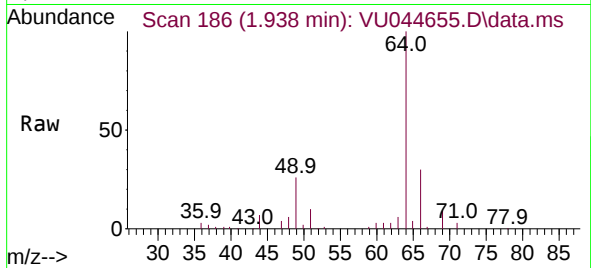




#8
Chloroethane
Concen: 5.473 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

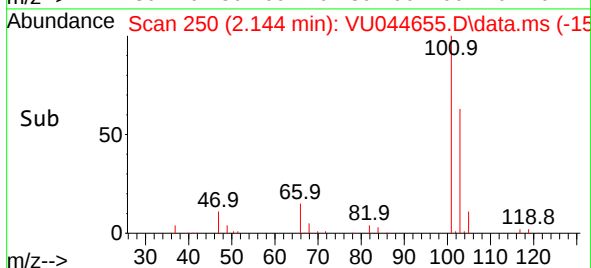
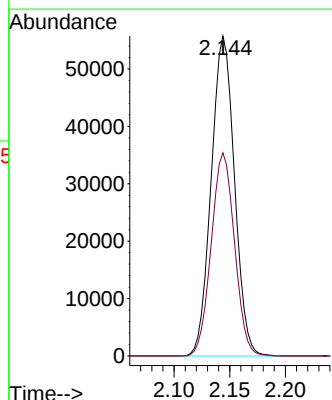
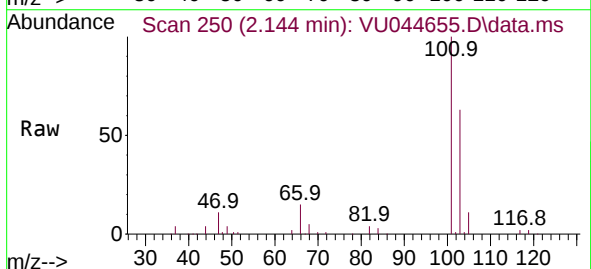
Instrument :
MSVOA_U
ClientSampled :

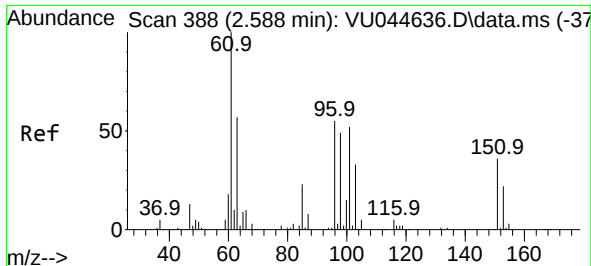
Tgt Ion: 64 Resp: 43332
Ion Ratio Lower Upper
64 100
66 30.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.787 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 101 Resp: 80942
Ion Ratio Lower Upper
101 100
103 63.5 51.2 76.8

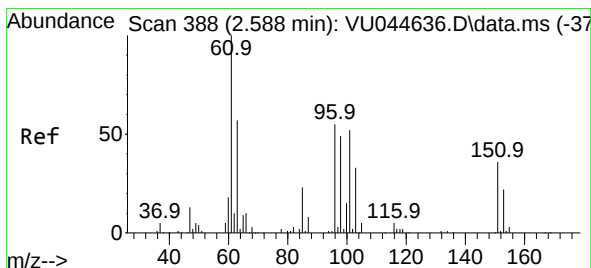
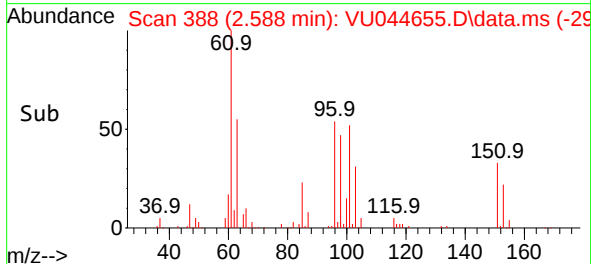
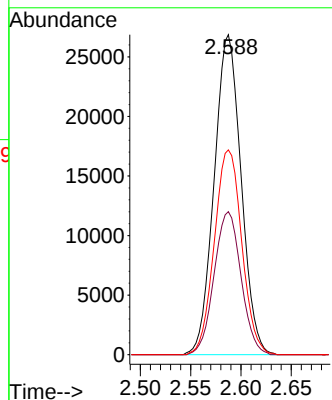
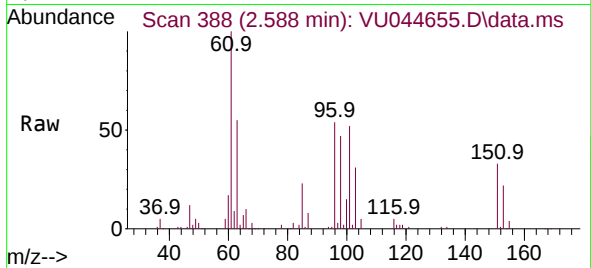




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.833 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

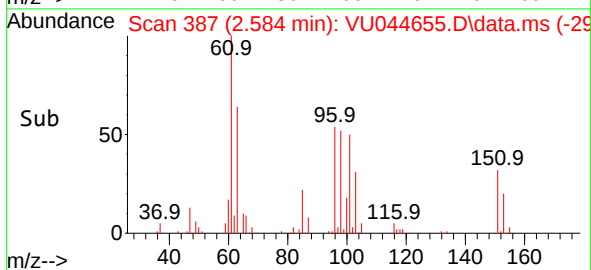
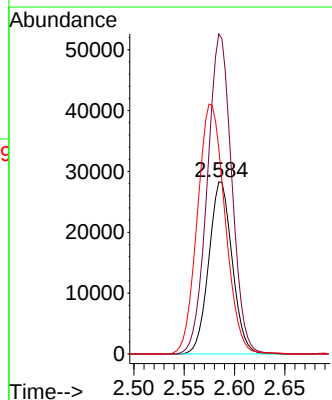
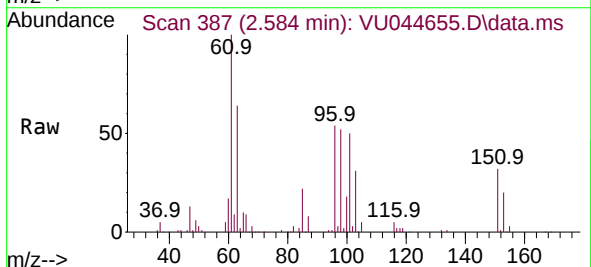
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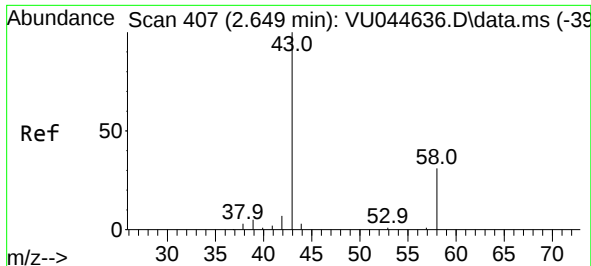
Tgt Ion:	101	Resp:	50082
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.4	53.2
151	65.3	53.9	80.9



#12
 1,1-Dichloroethene
 Concen: 5.610 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

Tgt Ion:	96	Resp:	45785
Ion Ratio	Lower	Upper	
96	100		
61	186.0	129.3	240.1
63	119.7	91.3	169.5

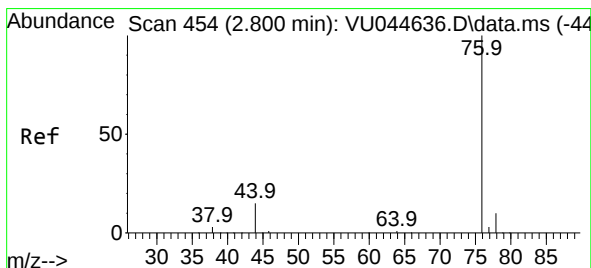
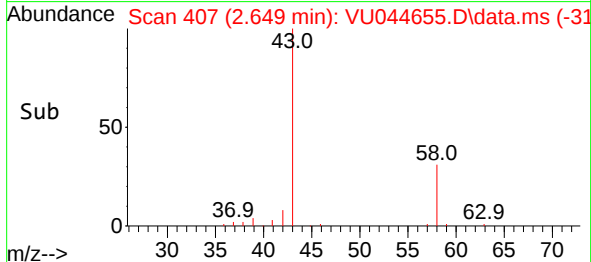
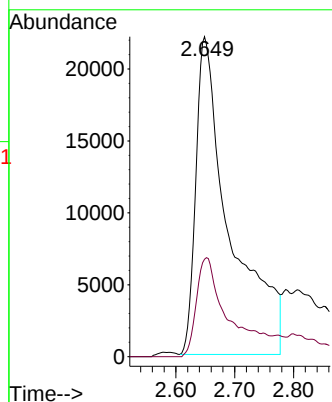
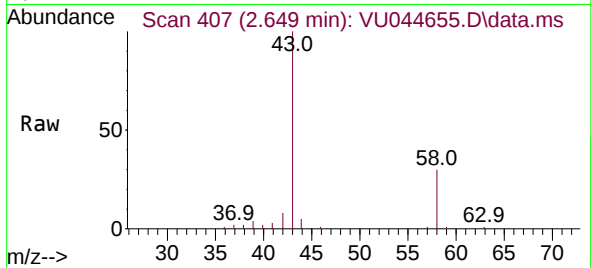




#13
Acetone
Concen: 43.451 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

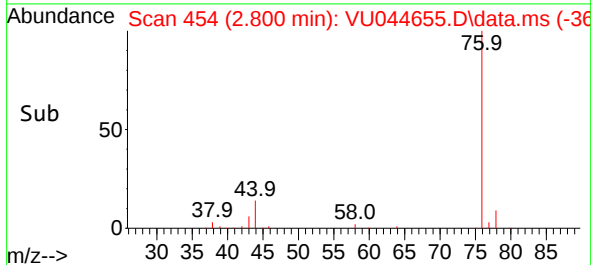
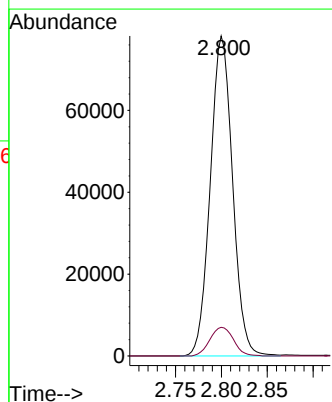
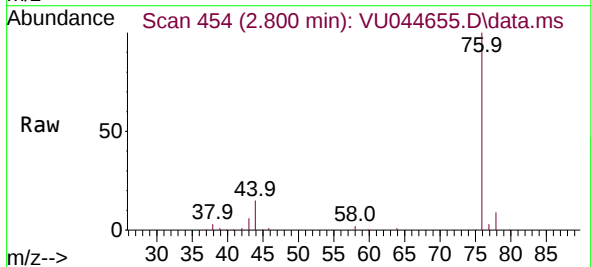
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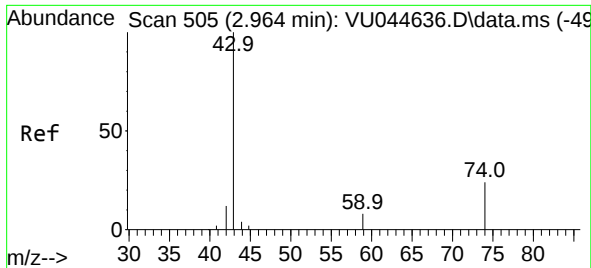
Tgt Ion: 43 Resp: 88919
Ion Ratio Lower Upper
43 100
58 29.5 0.0 42.4



#14
Carbon disulfide
Concen: 5.121 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044655.D
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Tgt Ion: 76 Resp: 132314
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

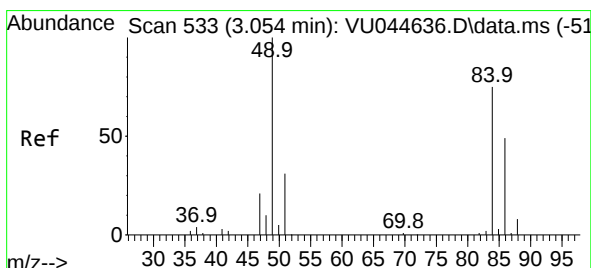
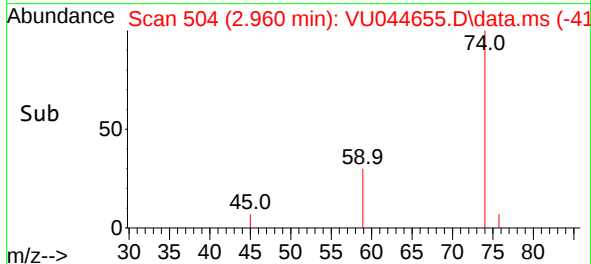
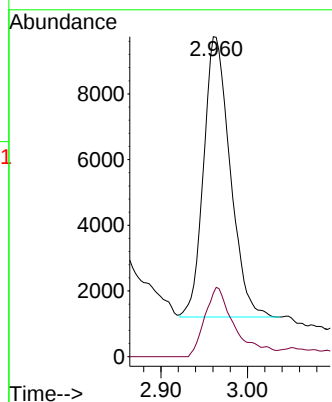
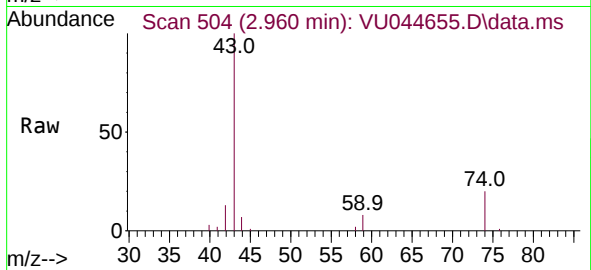




#15
Methyl Acetate
Concen: 4.913 ug/L
RT: 2.960 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

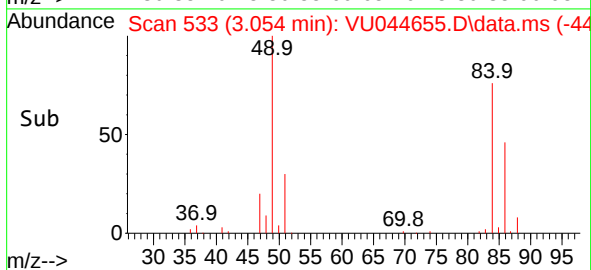
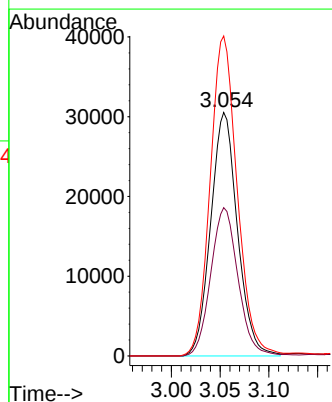
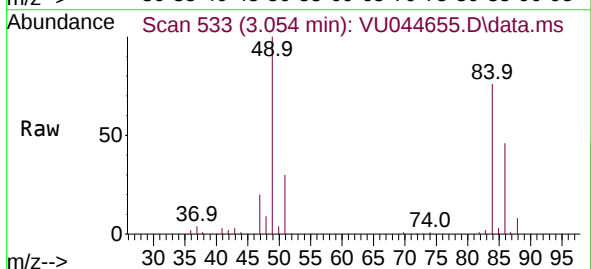
Instrument :
MSVOA_U
ClientSampled :

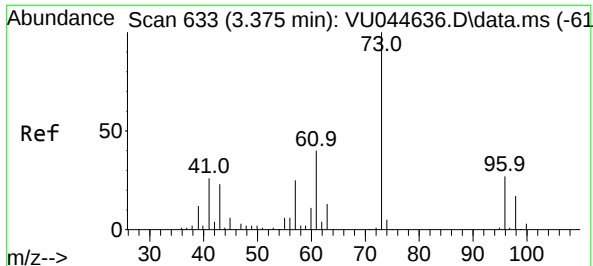
Tgt Ion: 43 Resp: 18152
Ion Ratio Lower Upper
43 100
74 28.2 20.6 30.8



#16
Methylene chloride
Concen: 4.494 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 84 Resp: 58321
Ion Ratio Lower Upper
84 100
86 60.9 45.8 85.2
49 131.4 92.9 172.5



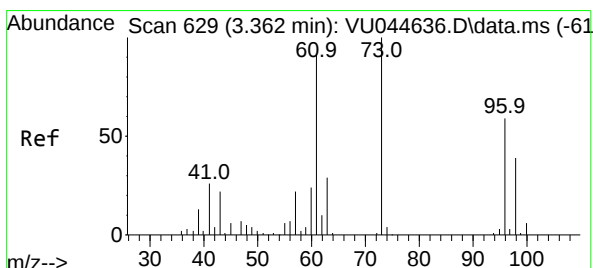
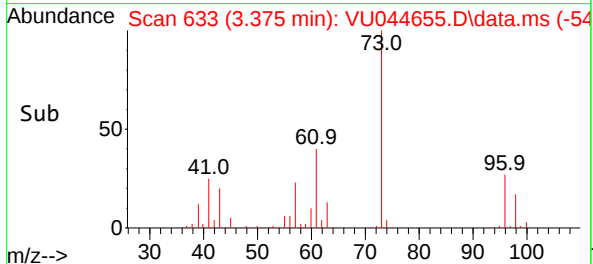
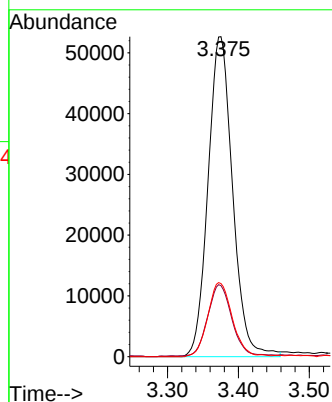
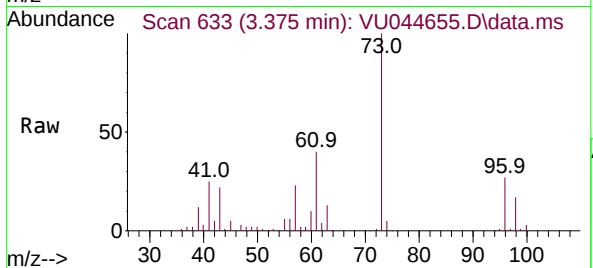


#17

Methyl tert-butyl Ether
 Concen: 5.616 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

Instrument :
 MSVOA_U
 ClientSampled :

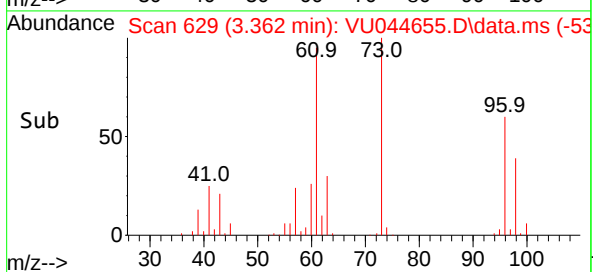
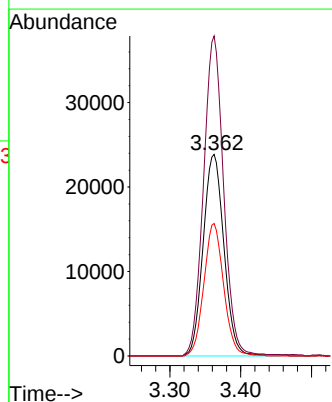
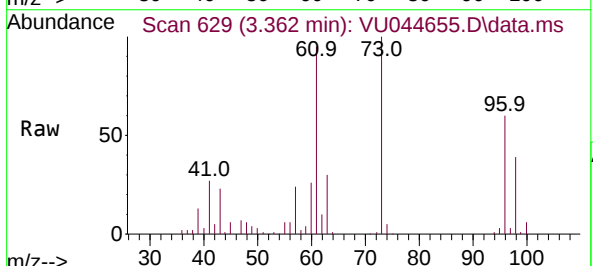
Tgt Ion:	73	Resp:	126694
Ion	Ratio	Lower	Upper
73	100		
43	21.7	17.8	26.6
57	22.9	18.6	27.8

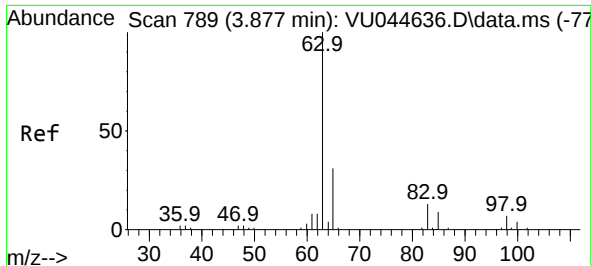


#18

trans-1,2-Dichloroethene
 Concen: 5.624 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

Tgt Ion:	96	Resp:	48787
Ion	Ratio	Lower	Upper
96	100		
61	158.8	107.2	199.0
98	65.8	42.8	79.6





#19

1,1-Dichloroethane

Concen: 5.802 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU044655.D

Acq: 16 Sep 2021 09:53

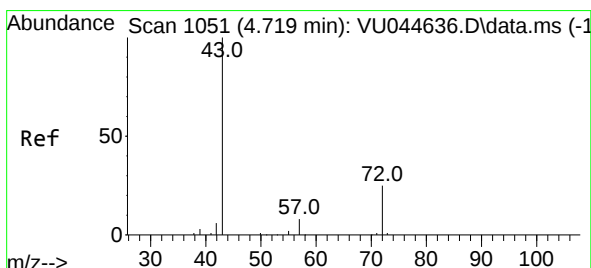
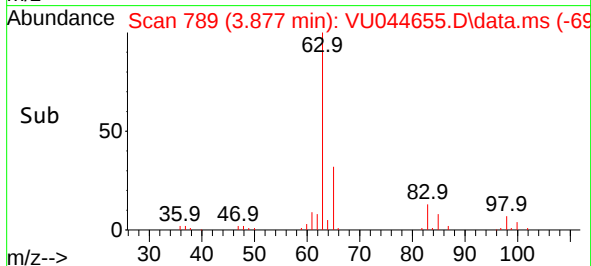
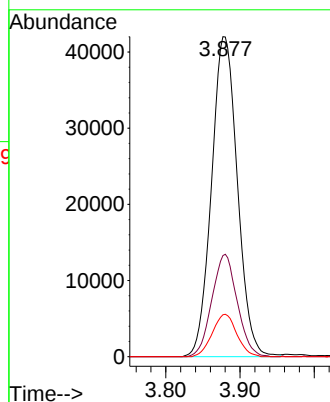
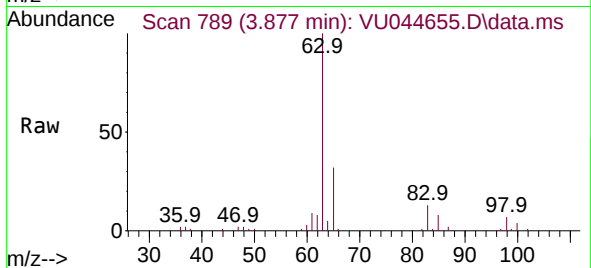
Tgt Ion: 63 Resp: 101770

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 13.1 8.8 16.3



#21

2-Butanone

Concen: 56.238 ug/L

RT: 4.722 min Scan# 1052

Delta R.T. 0.003 min

Lab File: VU044655.D

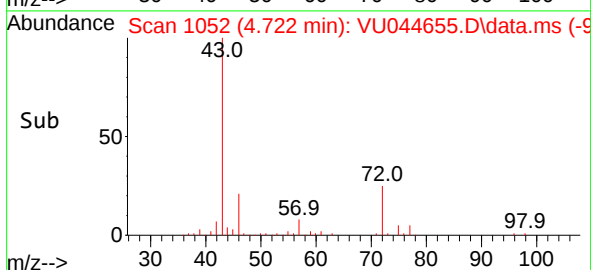
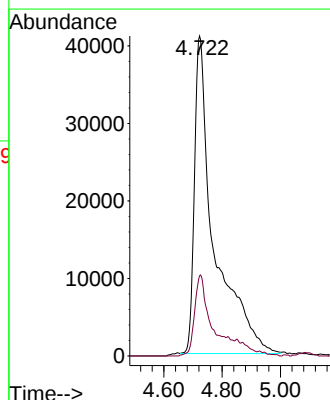
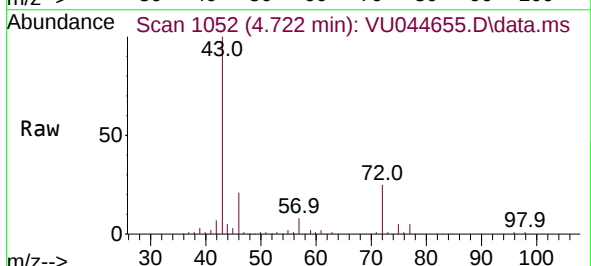
Acq: 16 Sep 2021 09:53

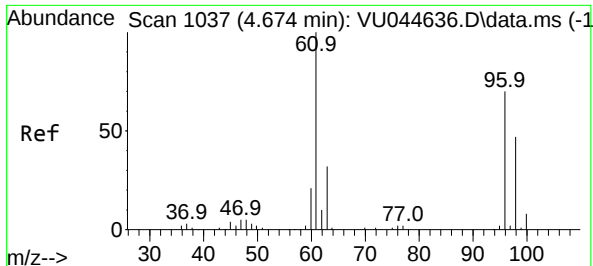
Tgt Ion: 43 Resp: 192163

Ion Ratio Lower Upper

43 100

72 19.9 9.2 27.4

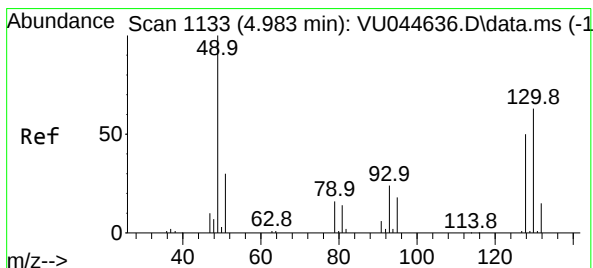
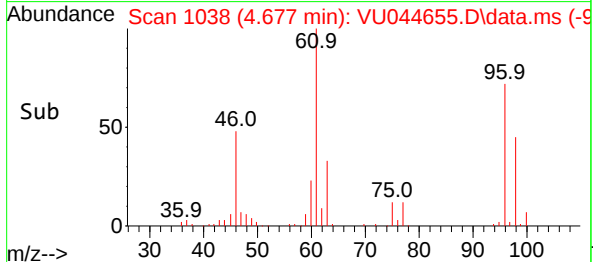
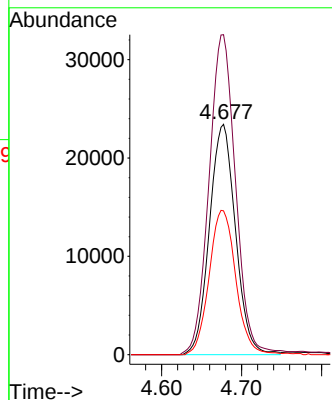
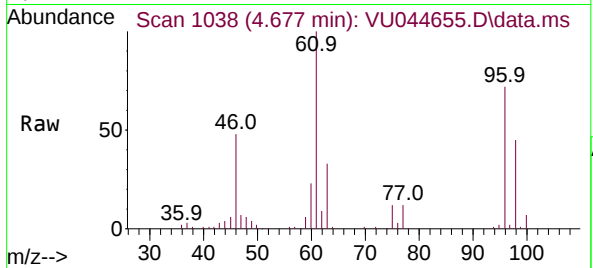




#22
 cis-1,2-Dichloroethene
 Concen: 5.561 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

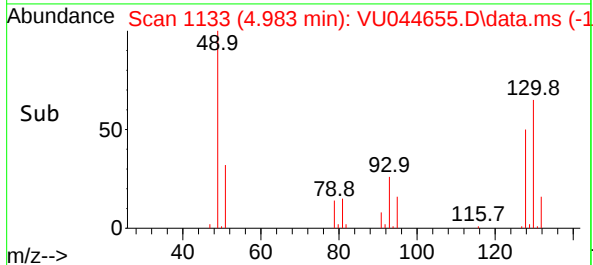
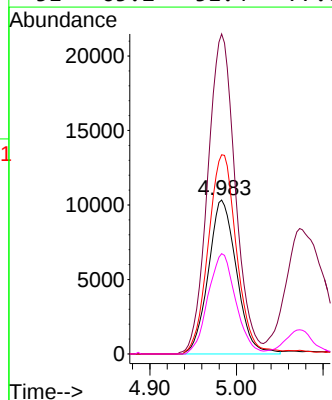
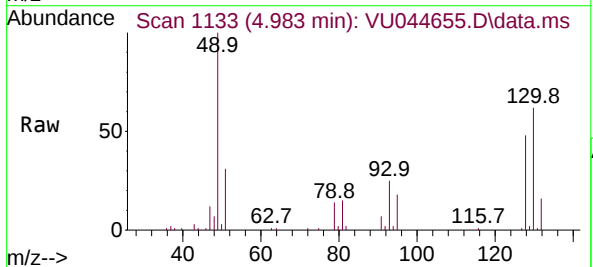
Instrument :
 MSVOA_U
 ClientSampleId :

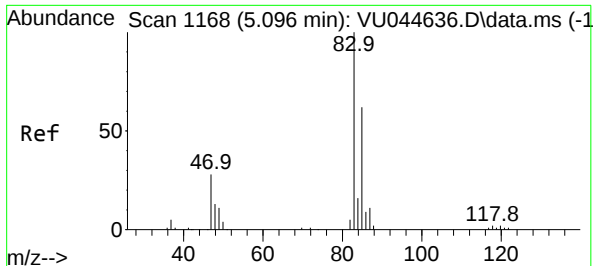
Tgt Ion: 96 Resp: 53181
 Ion Ratio Lower Upper
 96 100
 61 138.9 96.9 179.9
 98 62.4 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.753 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

Tgt Ion:128 Resp: 23308
 Ion Ratio Lower Upper
 128 100
 49 207.9 141.4 262.6
 130 129.5 94.3 175.1
 51 65.2 51.4 77.0



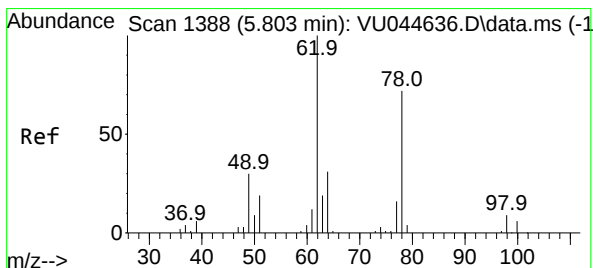
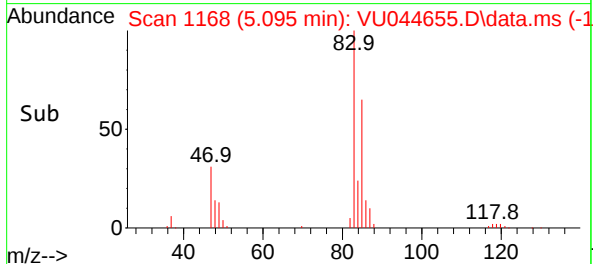
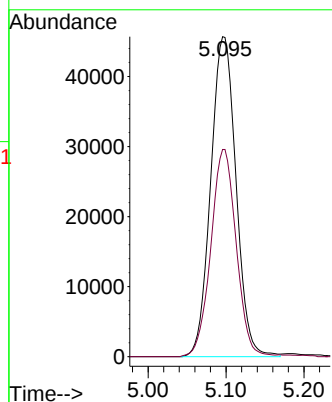
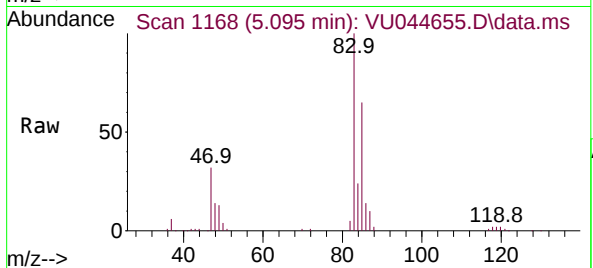


#25

Chloroform
Concen: 5.514 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Instrument :
MSVOA_U
ClientSampled :

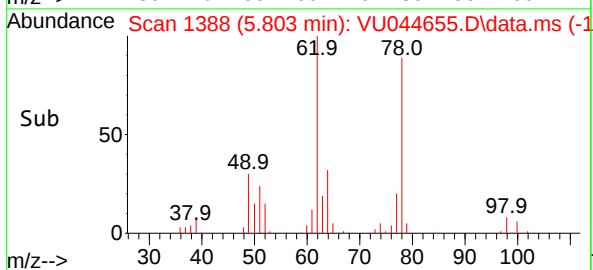
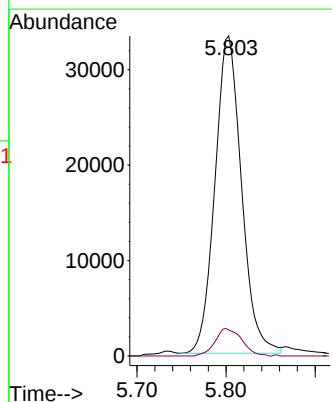
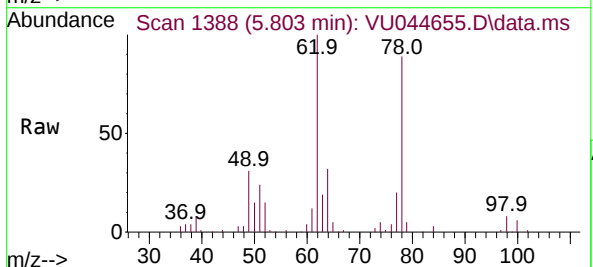
Tgt Ion: 83 Resp: 103059
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.0

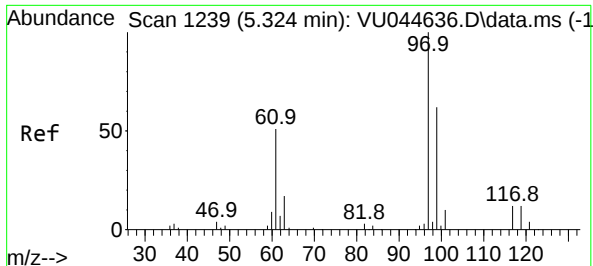


#27

1,2-Dichloroethane
Concen: 5.629 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 62 Resp: 68887
Ion Ratio Lower Upper
62 100
98 8.1 6.6 10.0



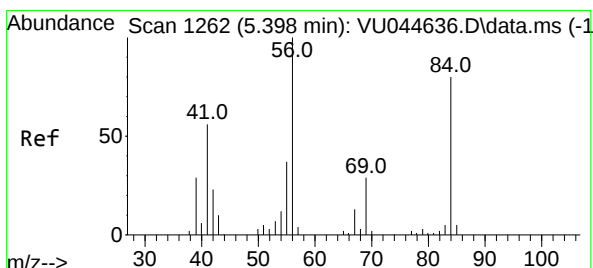
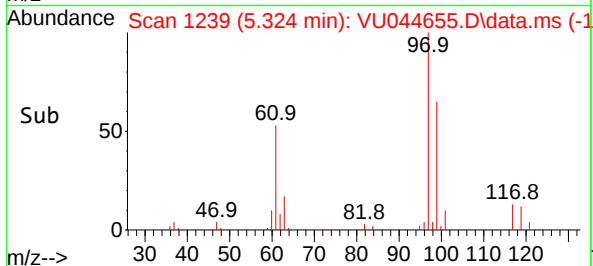
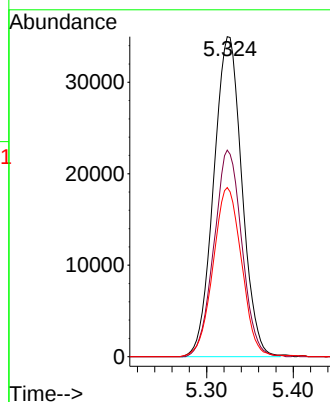
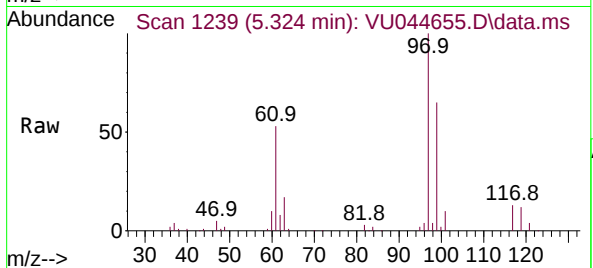


#29

1,1,1-Trichloroethane
Concen: 5.618 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Instrument :
MSVOA_U
ClientSampled :

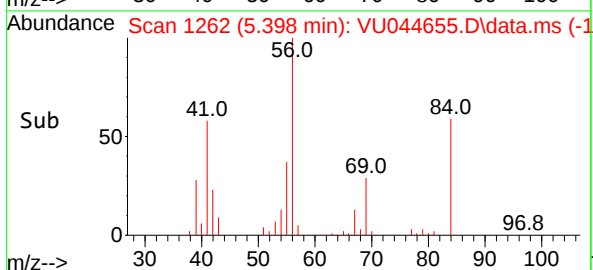
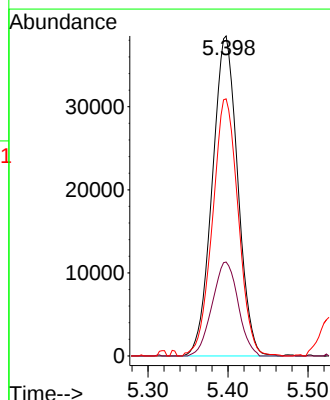
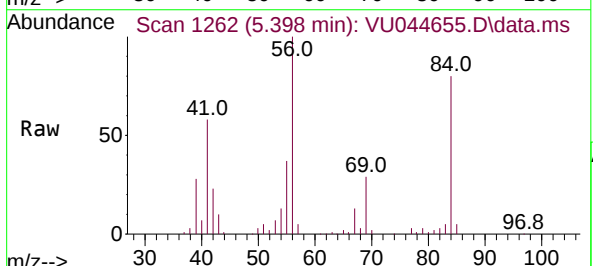
Tgt Ion:	97	Resp:	79171
Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.7	76.1
61	53.6	40.6	60.8

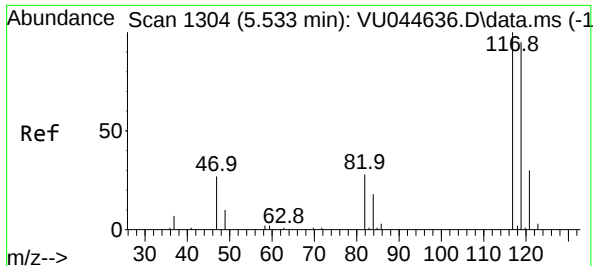


#30

Cyclohexane
Concen: 5.275 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion:	56	Resp:	85134
Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.4	35.2
84	81.1	65.5	98.3

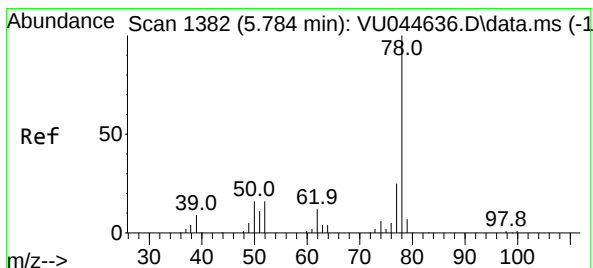
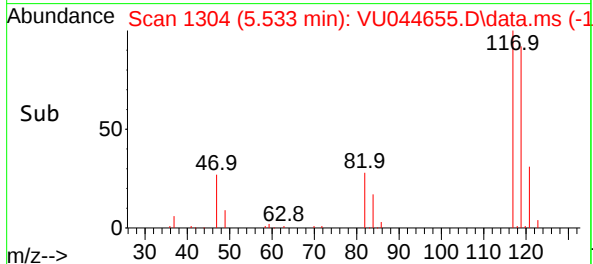
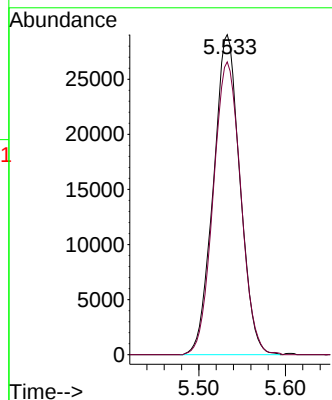
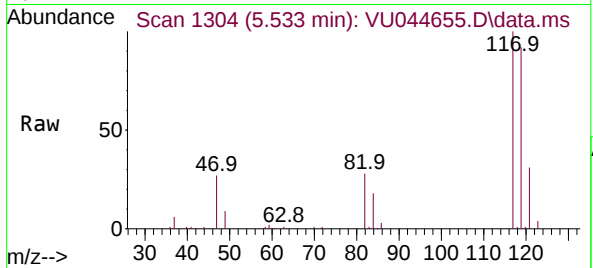




#31
Carbon tetrachloride
Concen: 5.614 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

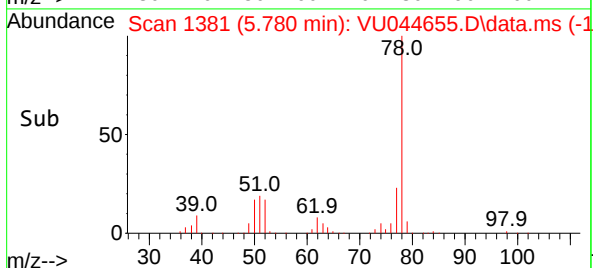
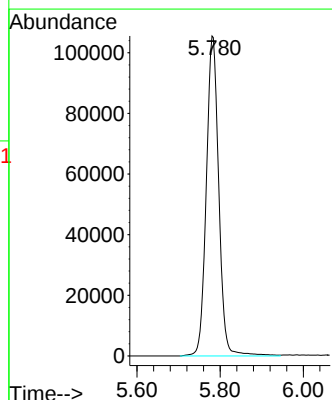
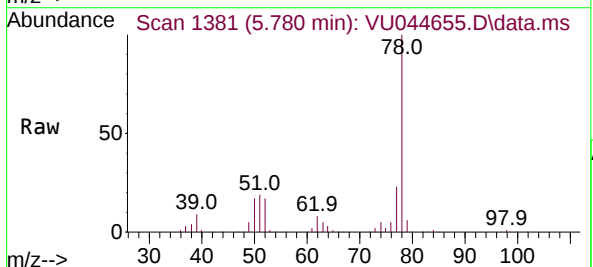
Instrument :
MSVOA_U
ClientSampled :

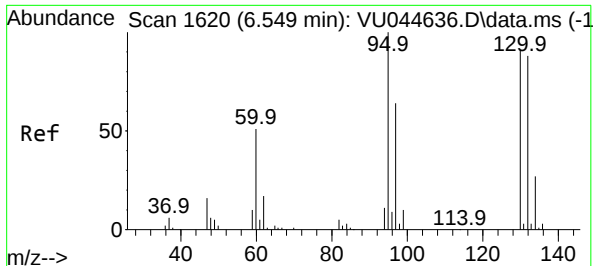
Tgt Ion:117 Resp: 61916
Ion Ratio Lower Upper
117 100
119 94.5 76.4 114.6



#33
Benzene
Concen: 5.716 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 78 Resp: 219404



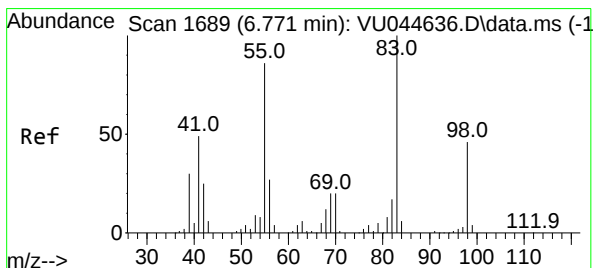
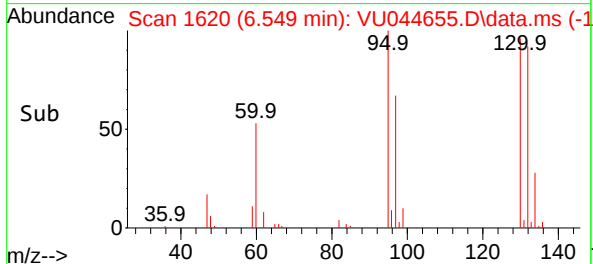
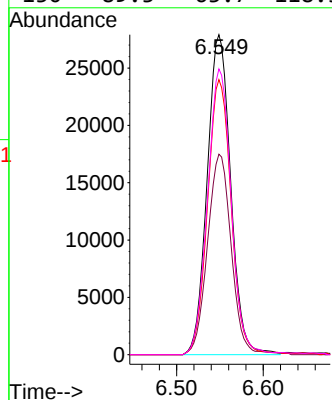
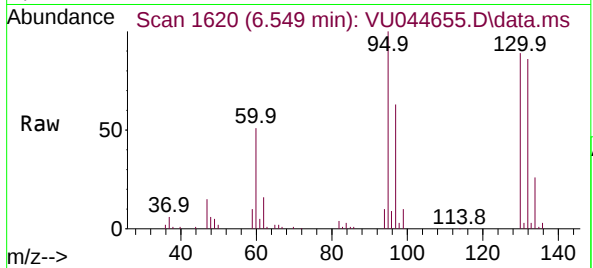


#34
Trichloroethene
Concen: 5.543 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 52674

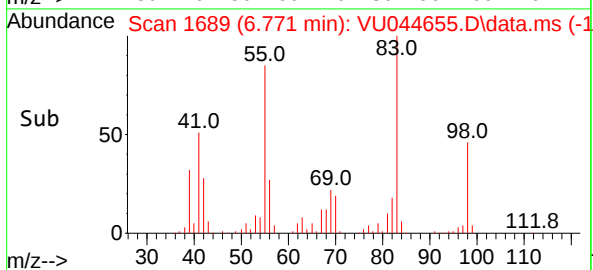
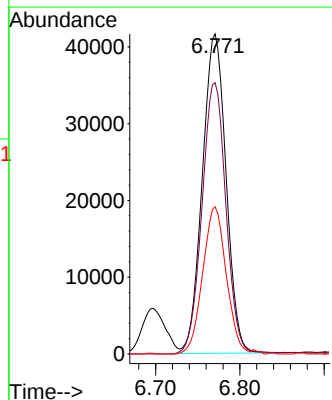
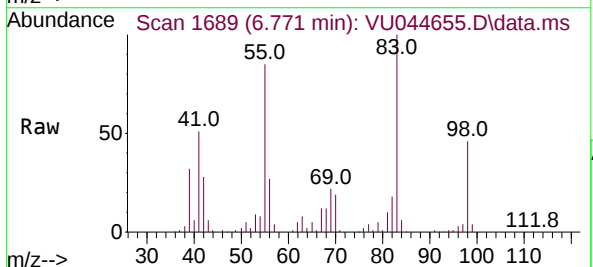
Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.7	82.9
132	86.0	60.3	111.9
130	89.3	63.7	118.3

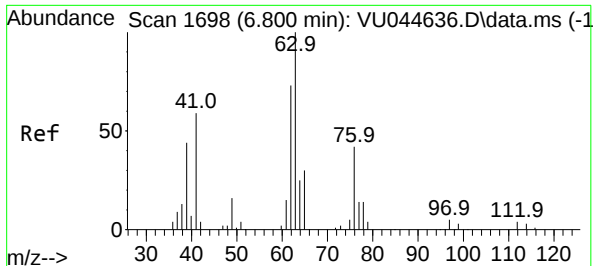


#35
Methylcyclohexane
Concen: 5.218 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 83 Resp: 81479

Ion	Ratio	Lower	Upper
83	100		
55	86.2	68.3	102.5
98	45.7	37.3	55.9



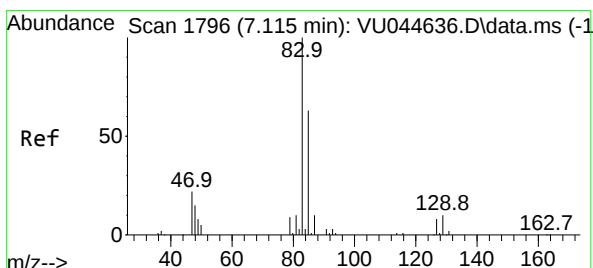
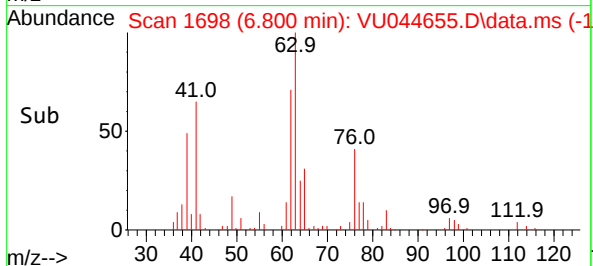
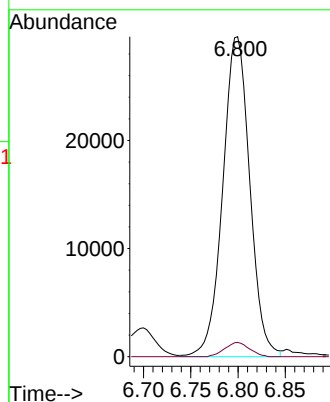
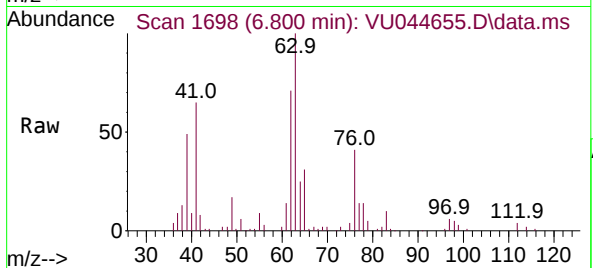


#37

1,2-Dichloropropane
Concen: 5.724 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Instrument :
MSVOA_U
ClientSampled :

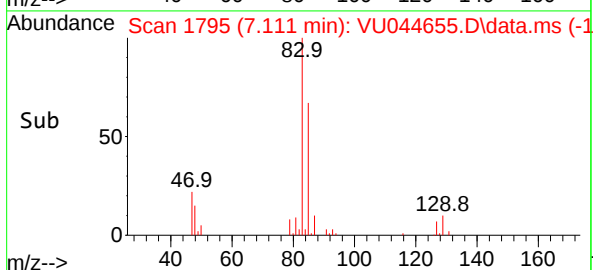
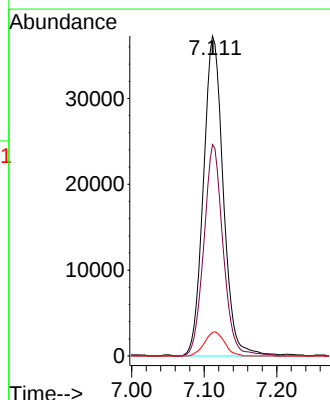
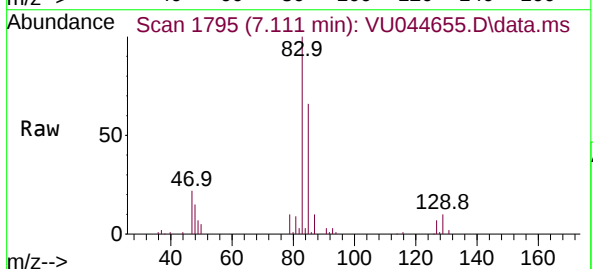
Tgt Ion: 63 Resp: 58875
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7

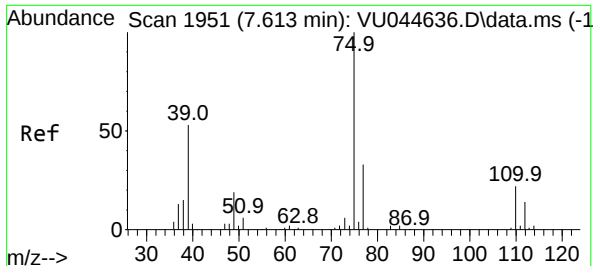


#38

Bromodichloromethane
Concen: 5.696 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 83 Resp: 71035
Ion Ratio Lower Upper
83 100
85 66.0 46.3 86.1
127 7.3 6.0 9.0



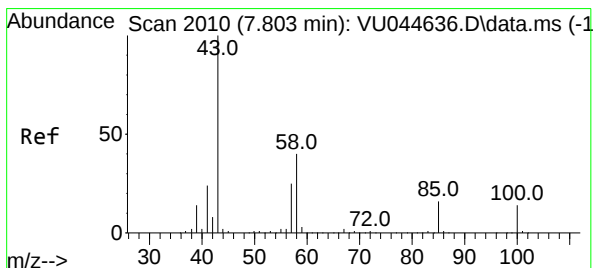
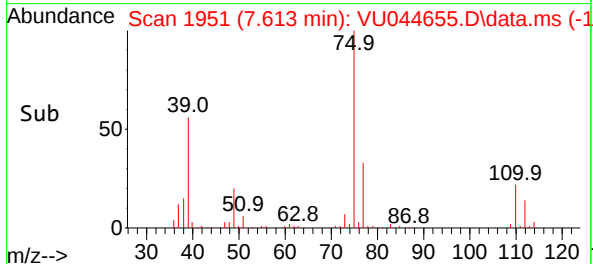
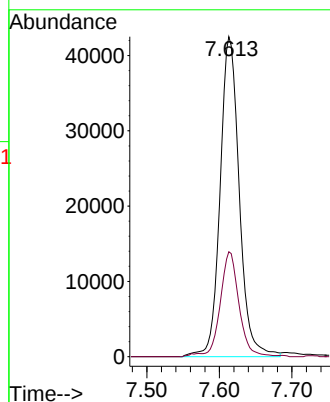
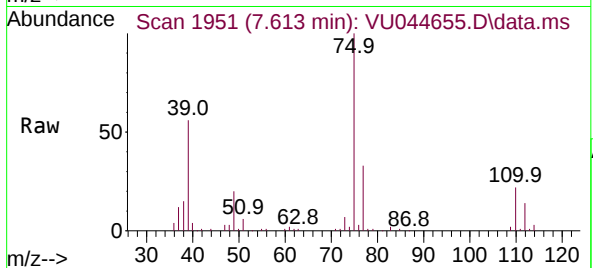


#39

cis-1,3-Dichloropropene
 Concen: 5.357 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

Instrument :
 MSVOA_U
 ClientSampled :

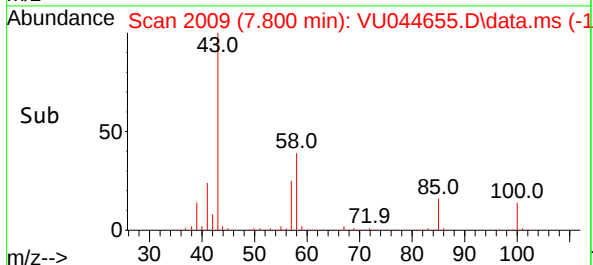
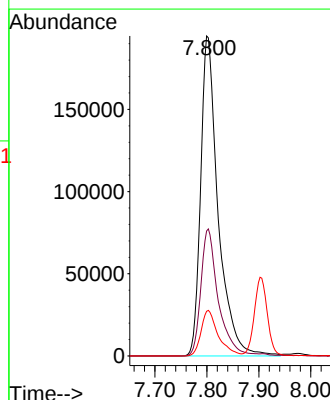
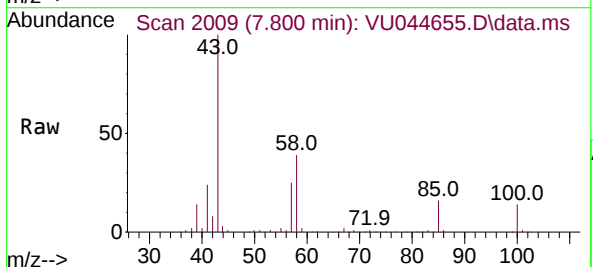
Tgt Ion: 75 Resp: 78069
 Ion Ratio Lower Upper
 75 100
 77 32.8 21.5 39.9

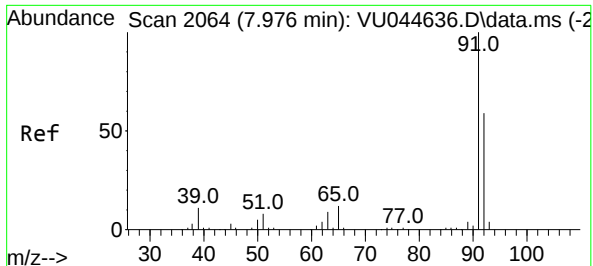


#40

4-Methyl-2-pentanone
 Concen: 56.799 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU044655.D
 Acq: 16 Sep 2021 09:53

Tgt Ion: 43 Resp: 454730
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.2 46.8
 100 14.0 11.4 17.0

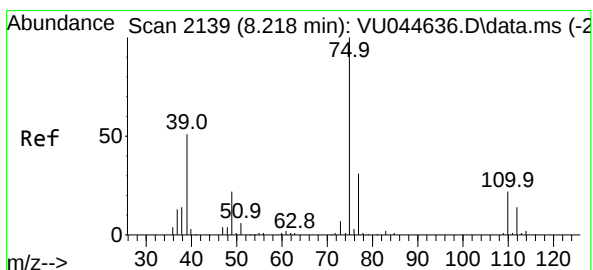
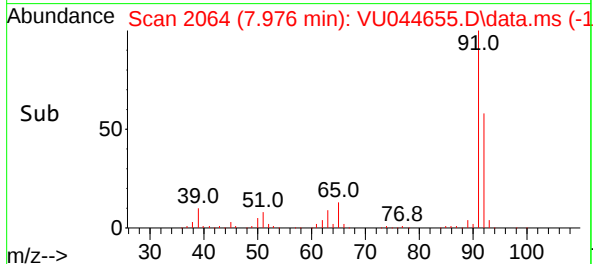
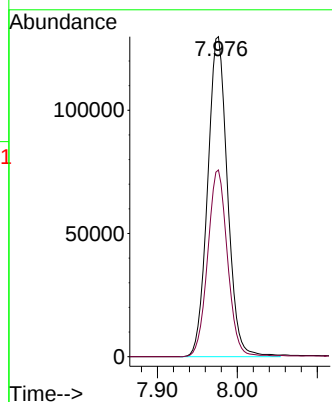
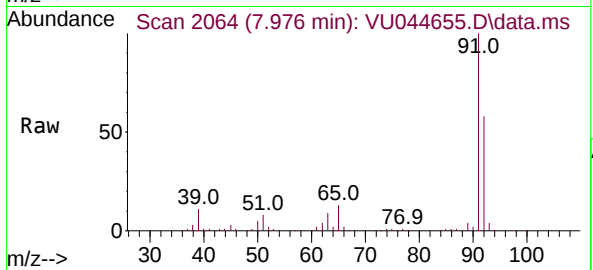




#42
Toluene
Concen: 5.591 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

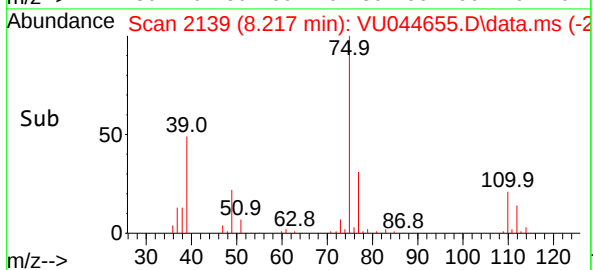
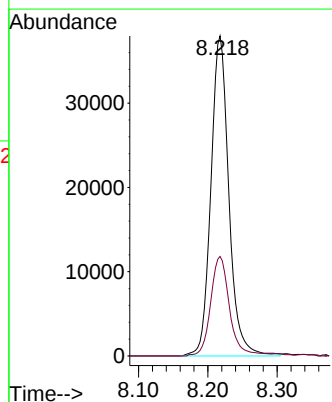
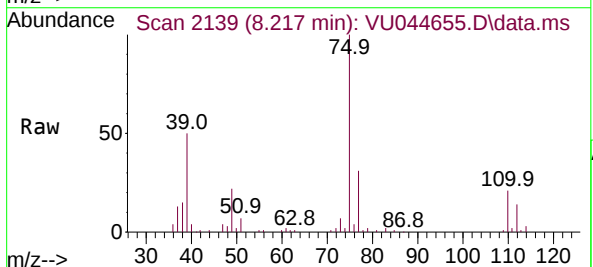
Instrument :
MSVOA_U
ClientSampled :

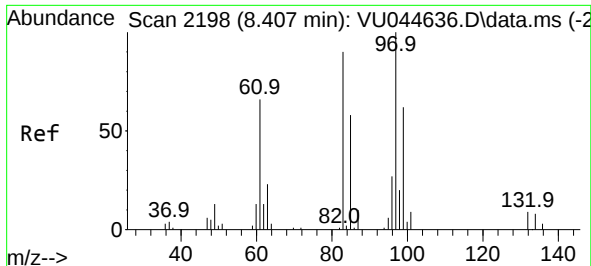
Tgt Ion: 91 Resp: 224120
Ion Ratio Lower Upper
91 100
92 58.3 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 5.494 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 75 Resp: 68314
Ion Ratio Lower Upper
75 100
77 31.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.744 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. -0.000 min

Lab File: VU044655.D

Acq: 16 Sep 2021 09:53

Tgt Ion: 97 Resp: 42008

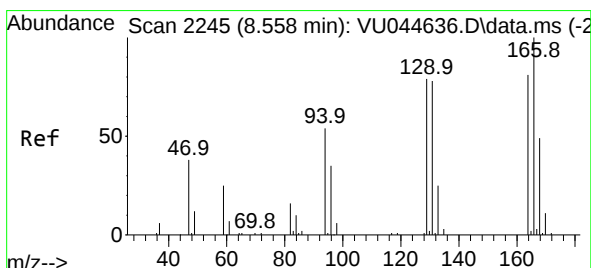
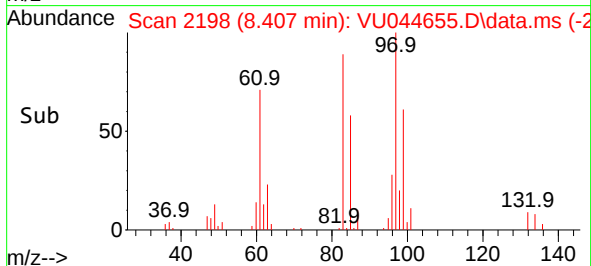
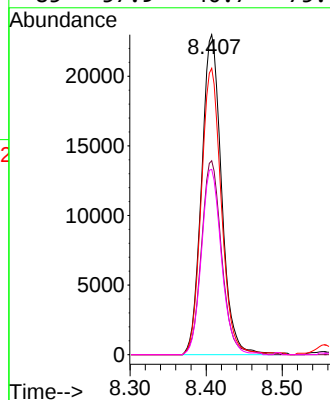
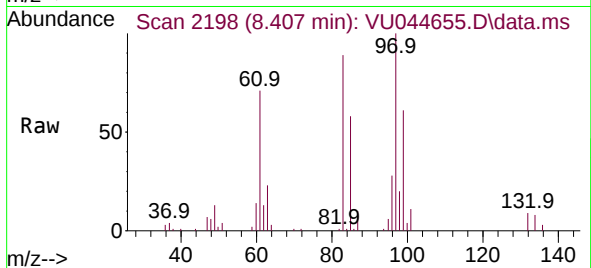
Ion Ratio Lower Upper

97 100

99 60.6 44.8 83.2

83 89.5 63.6 118.0

85 57.9 40.7 75.7



#47

Tetrachloroethene

Concen: 5.312 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044655.D

Acq: 16 Sep 2021 09:53

Tgt Ion: 164 Resp: 35052

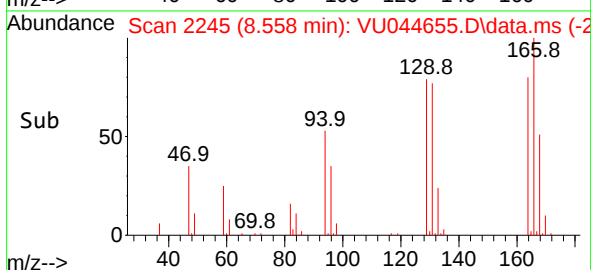
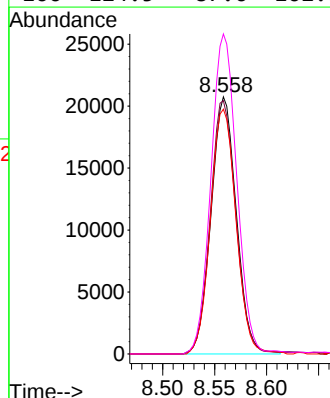
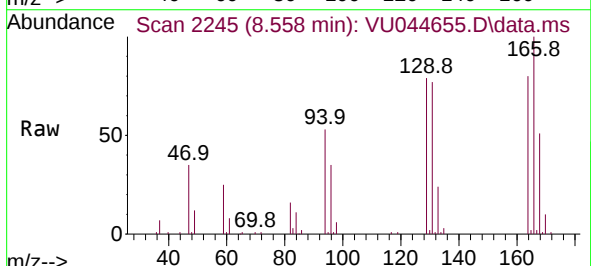
Ion Ratio Lower Upper

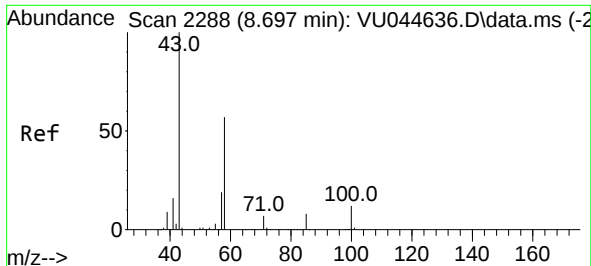
164 100

129 98.5 67.0 124.4

131 95.3 65.2 121.0

166 124.5 87.6 162.8

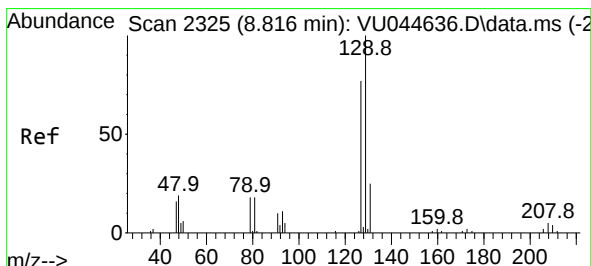
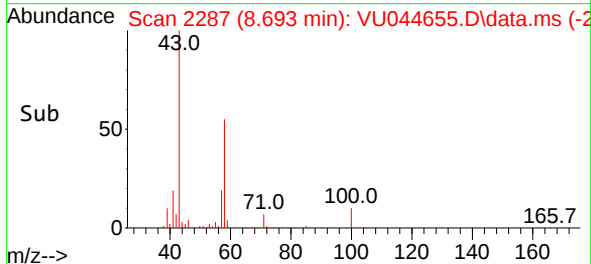
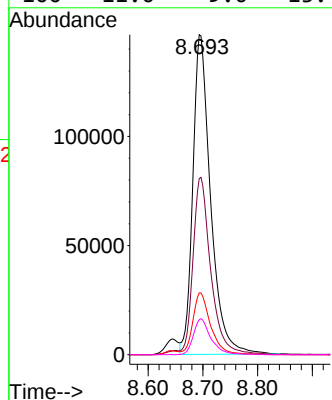
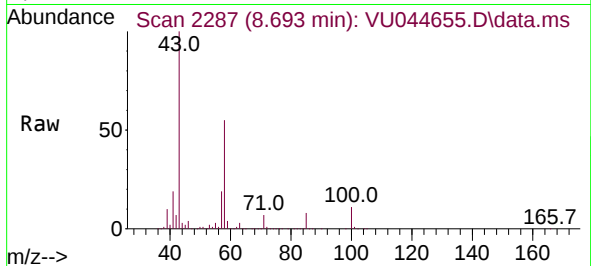




#48
2-Hexanone
Concen: 55.596 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

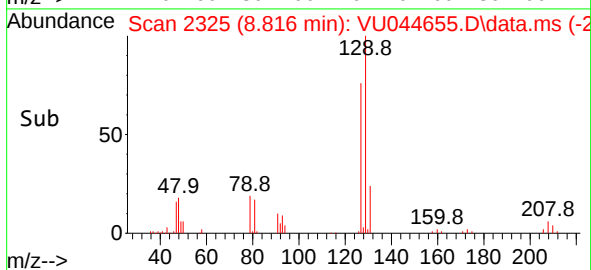
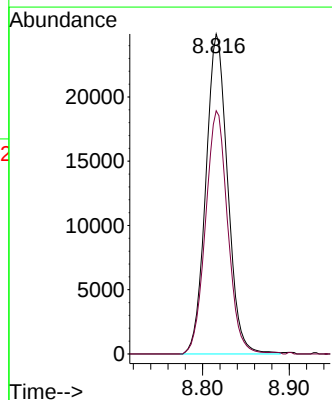
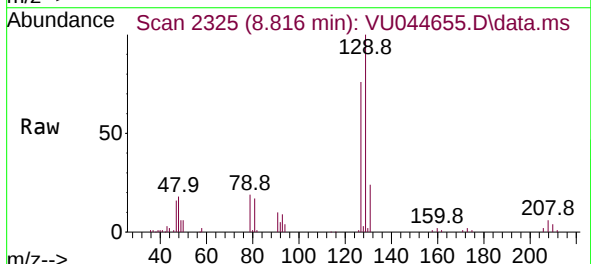
Instrument :
MSVOA_U
ClientSampleId :

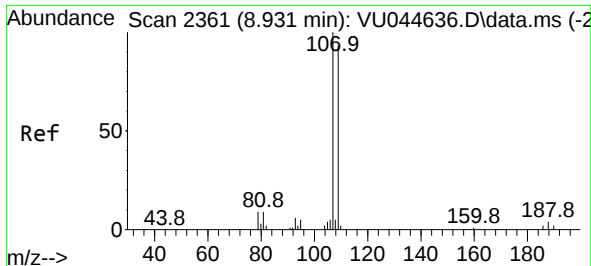
Tgt Ion:	43	Resp:	331297
Ion	Ratio	Lower	Upper
43	100		
58	55.2	44.6	66.8
57	18.7	14.8	22.2
100	11.0	9.0	13.4



#49
Dibromochloromethane
Concen: 5.674 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion:	129	Resp:	43596
Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.3	99.1





#50

1,2-Dibromoethane

Concen: 5.519 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU044655.D

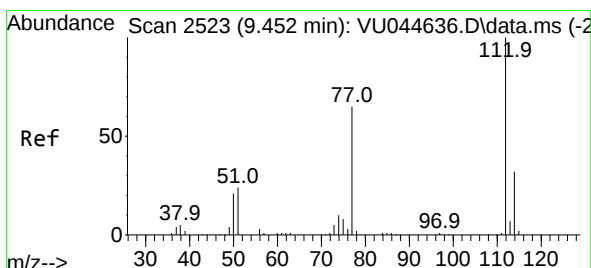
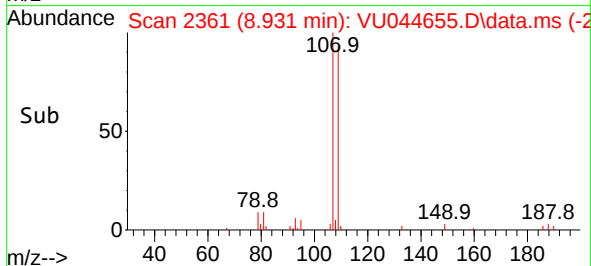
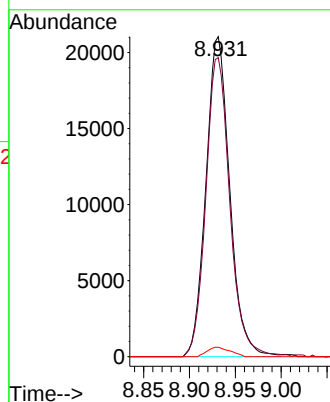
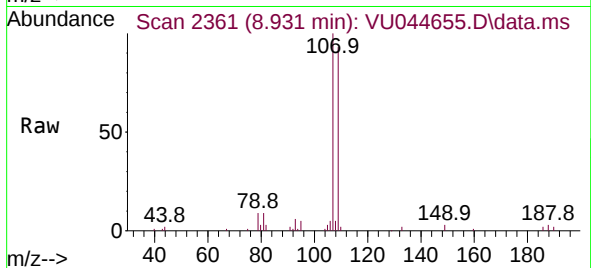
Acq: 16 Sep 2021 09:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	37996
Ion	Ratio	Lower	Upper
107	100		
109	93.5	65.5	121.7
188	3.0	3.0	4.4



#51

Chlorobenzene

Concen: 5.433 ug/L

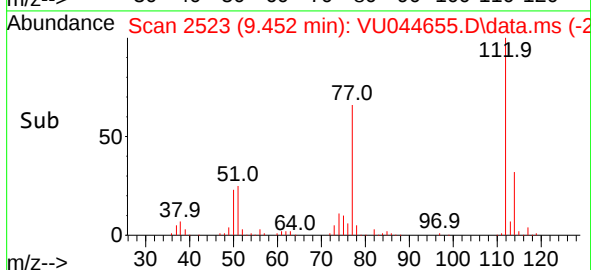
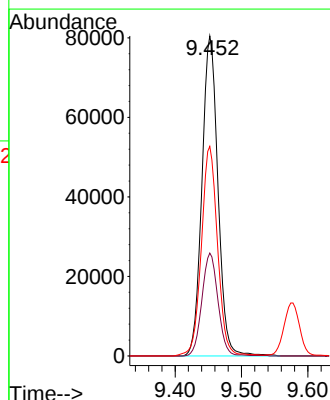
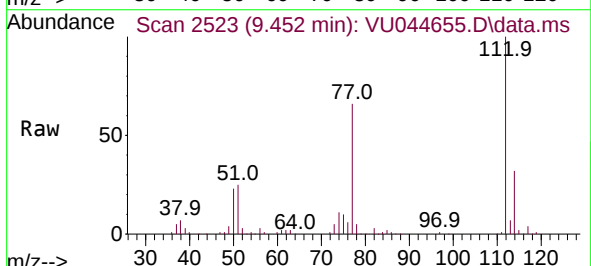
RT: 9.452 min Scan# 2523

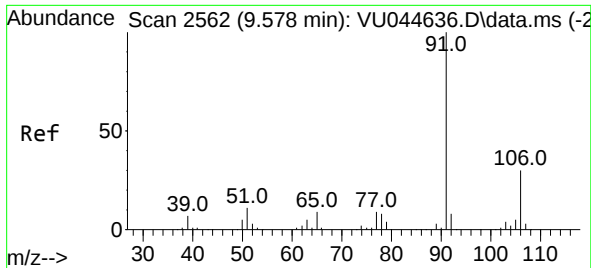
Delta R.T. -0.000 min

Lab File: VU044655.D

Acq: 16 Sep 2021 09:53

Tgt Ion:	112	Resp:	135021
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.8	42.4
77	65.5	51.4	77.0

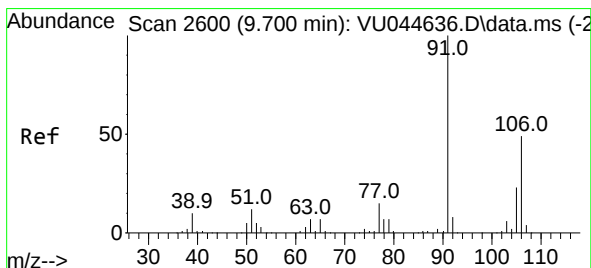
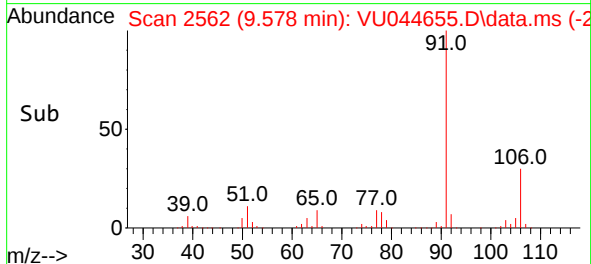
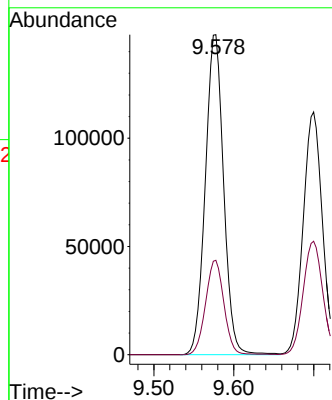
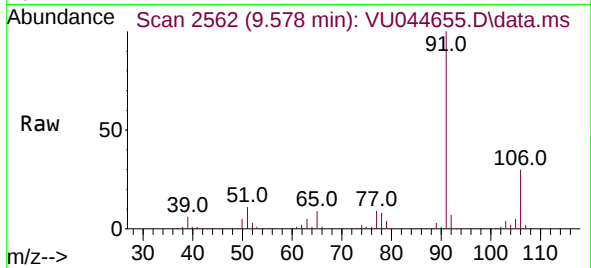




#52
Ethylbenzene
Concen: 5.428 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

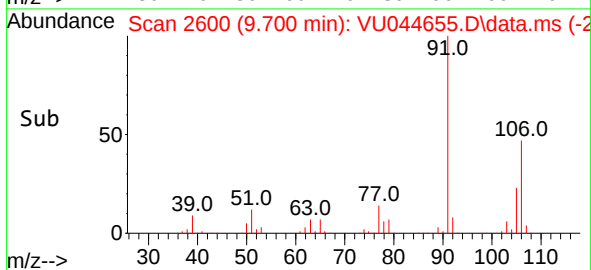
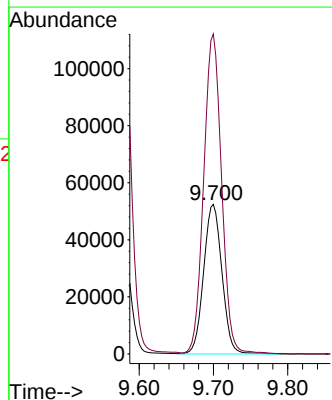
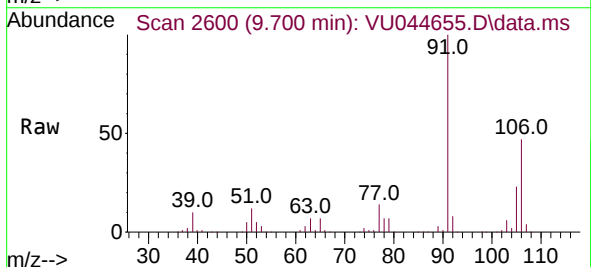
Instrument :
MSVOA_U
ClientSampled :

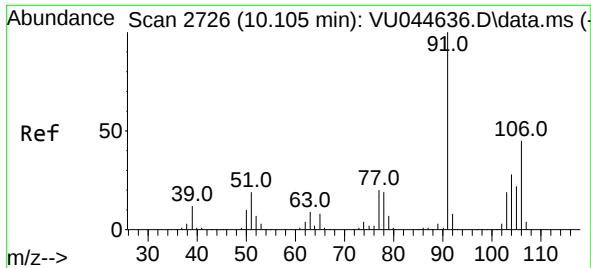
Tgt Ion: 91 Resp: 235695
Ion Ratio Lower Upper
91 100
106 29.5 21.1 39.1



#53
m,p-Xylene
Concen: 5.429 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 106 Resp: 89642
Ion Ratio Lower Upper
106 100
91 214.0 144.6 268.6

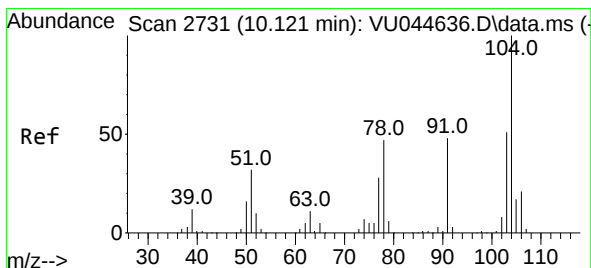
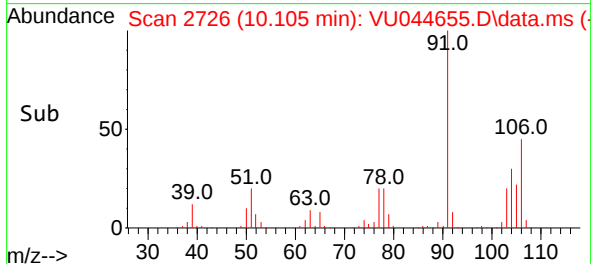
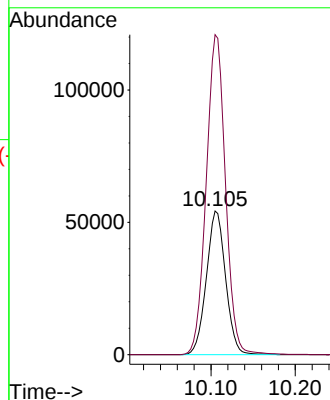
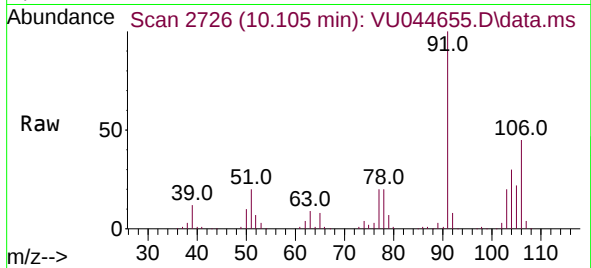




#54
o-Xylene
Concen: 5.465 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

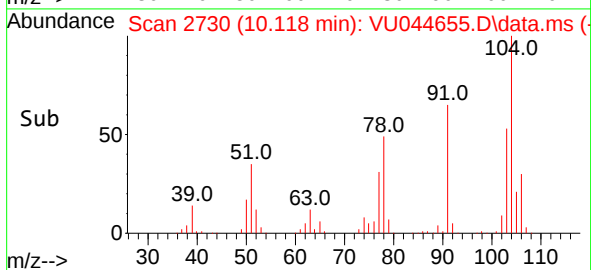
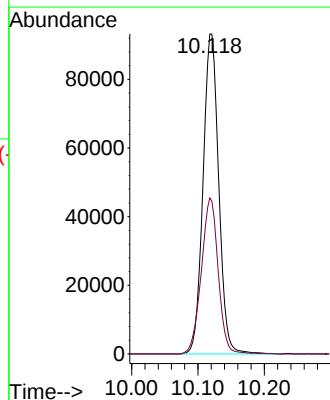
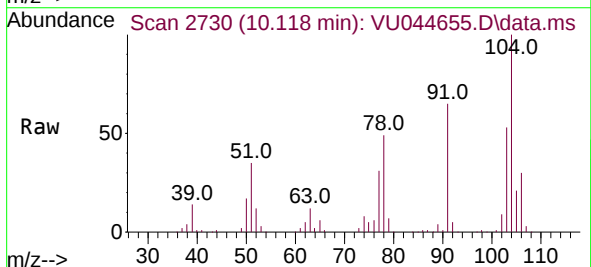
Instrument :
MSVOA_U
ClientSampled :

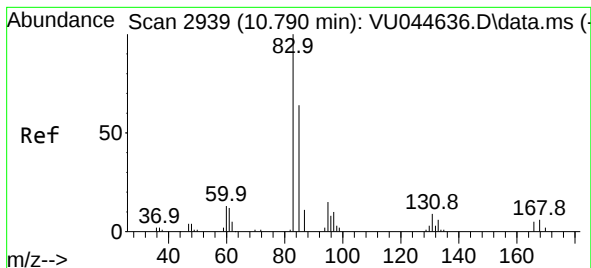
Tgt Ion:106 Resp: 86203
Ion Ratio Lower Upper
106 100
91 222.7 156.2 290.0



#55
Styrene
Concen: 5.551 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion:104 Resp: 153276
Ion Ratio Lower Upper
104 100
78 48.8 33.6 62.4



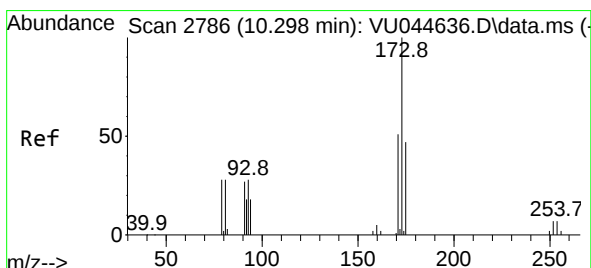
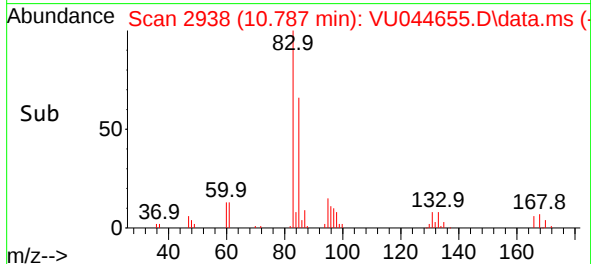
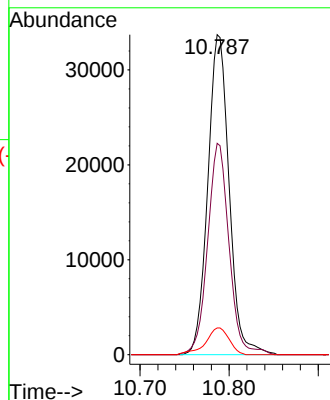
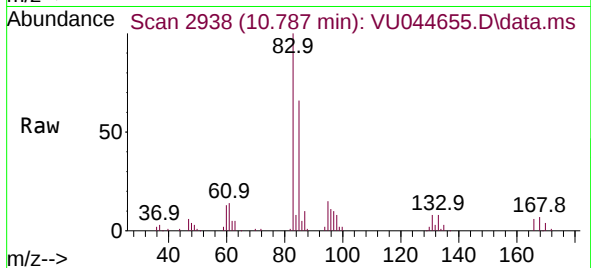


#57

1,1,2,2-Tetrachloroethane
Concen: 5.698 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Instrument :
MSVOA_U
ClientSampleId :

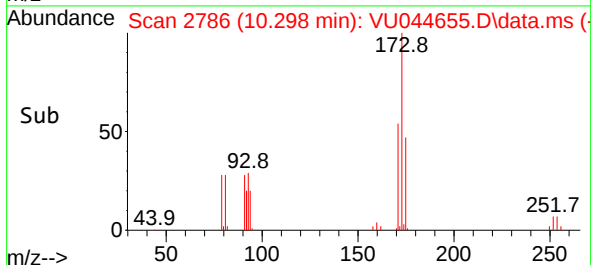
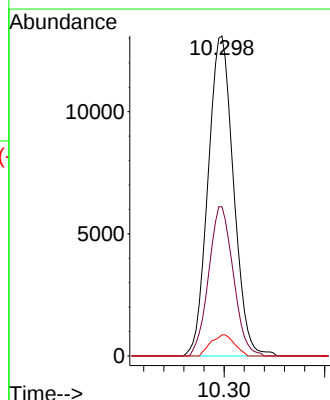
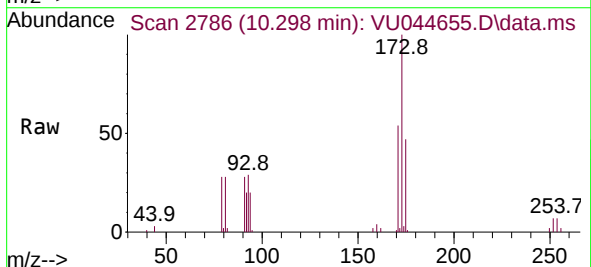
Tgt Ion: 83 Resp: 55949
Ion Ratio Lower Upper
83 100
85 66.1 44.5 82.7
131 8.4 6.6 10.0

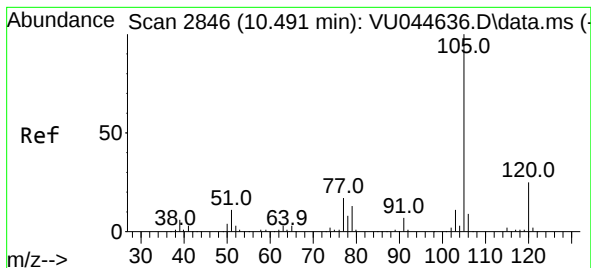


#59

Bromoform
Concen: 5.864 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion:173 Resp: 23003
Ion Ratio Lower Upper
173 100
175 45.1 38.8 58.2
254 6.1 4.9 7.3





#60

Isopropylbenzene

Concen: 5.778 ug/L

RT: 10.491 min Scan# 2846

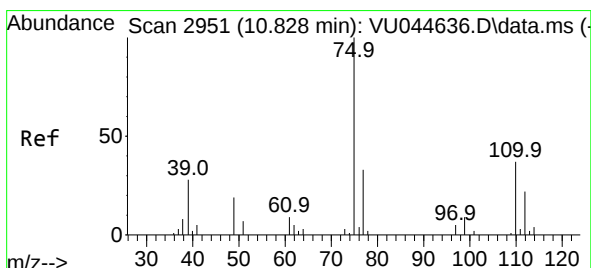
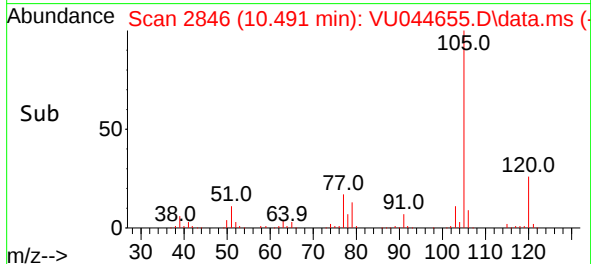
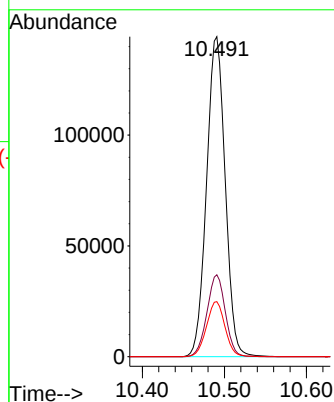
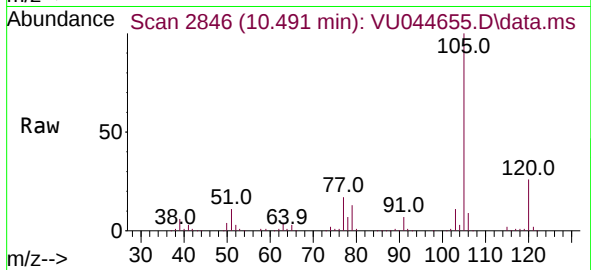
Delta R.T. -0.000 min

Lab File: VU044655.D

Acq: 16 Sep 2021 09:53

Tgt Ion:	105	Resp:	228271
Ion Ratio	Lower	Upper	
105	100		
120	25.2	20.2	30.2
77	17.2	13.6	20.4

Instrument :
MSVOA_U
ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 6.073 ug/L

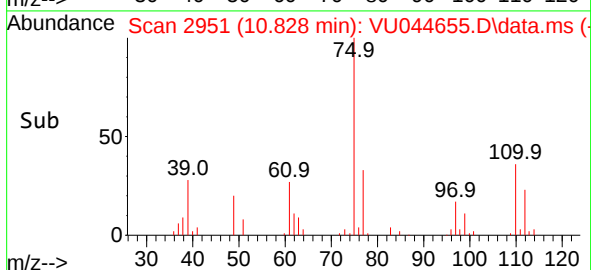
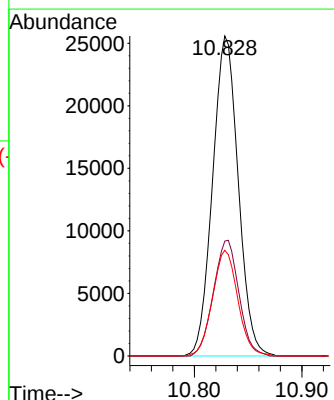
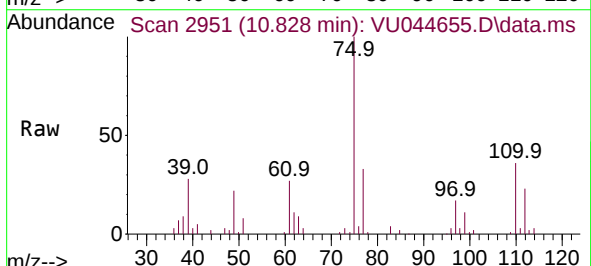
RT: 10.828 min Scan# 2951

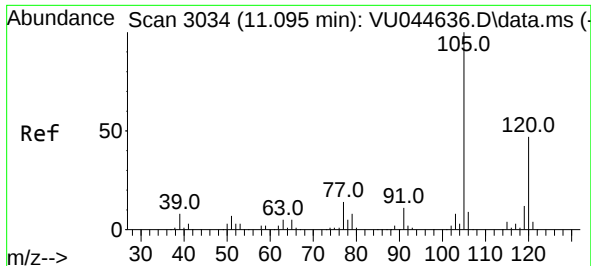
Delta R.T. -0.000 min

Lab File: VU044655.D

Acq: 16 Sep 2021 09:53

Tgt Ion:	75	Resp:	42347
Ion Ratio	Lower	Upper	
75	100		
110	35.9	28.8	43.2
77	32.6	25.9	38.9

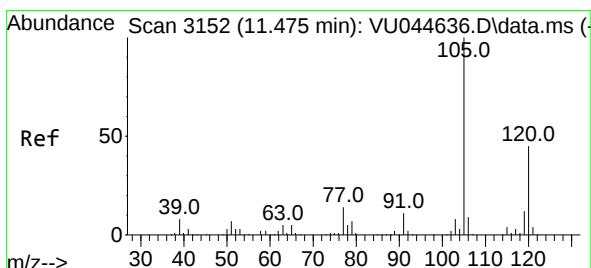
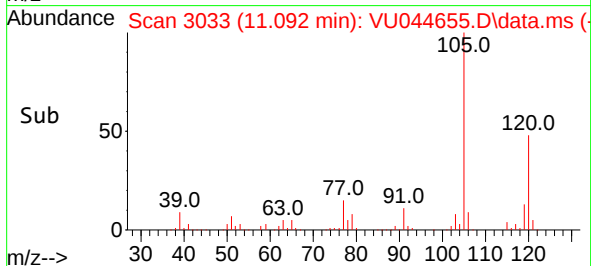
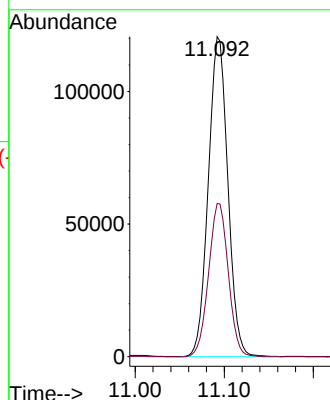
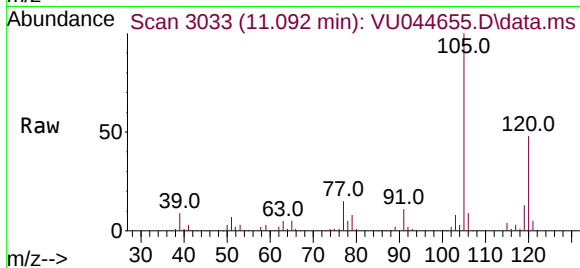




#62
1,3,5-Trimethylbenzene
Concen: 5.590 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

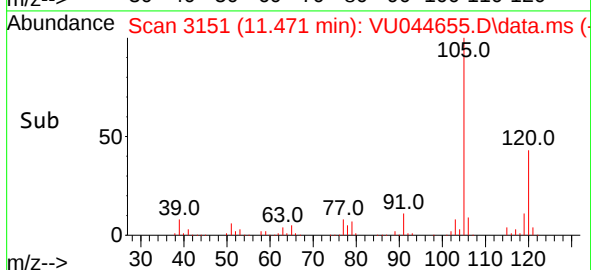
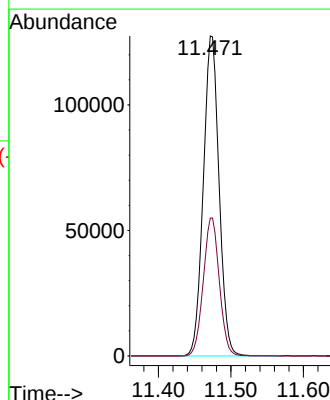
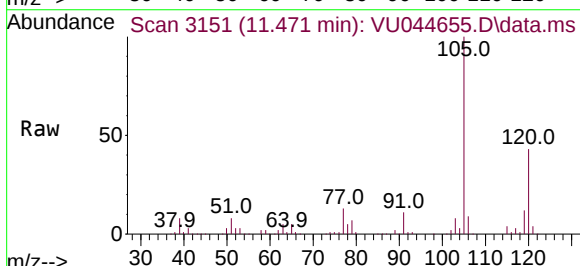
Instrument :
MSVOA_U
ClientSampleId :

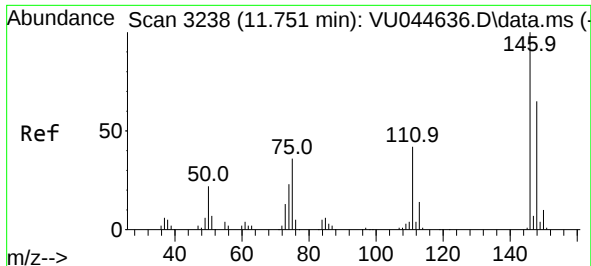
Tgt Ion:105 Resp: 183405
Ion Ratio Lower Upper
105 100
120 48.3 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 5.723 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion:105 Resp: 192844
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.2

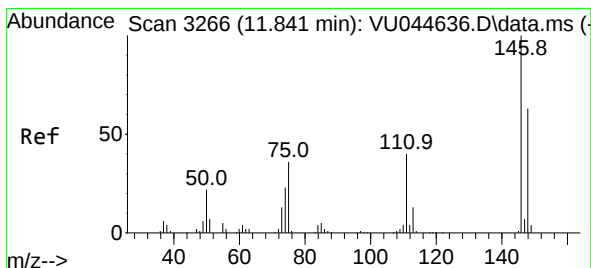
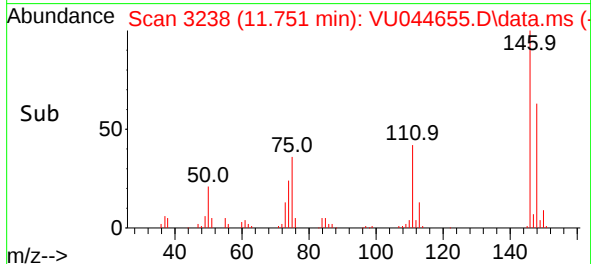
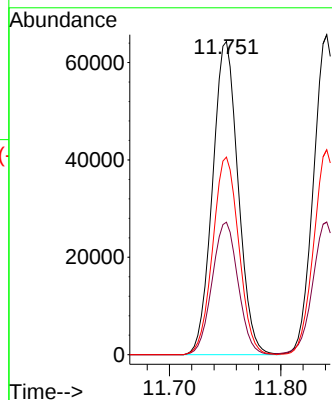
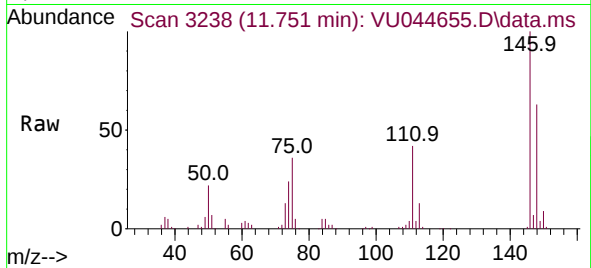




#64
1,3-Dichlorobenzene
Concen: 5.584 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

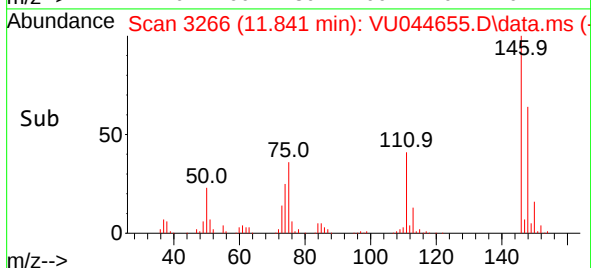
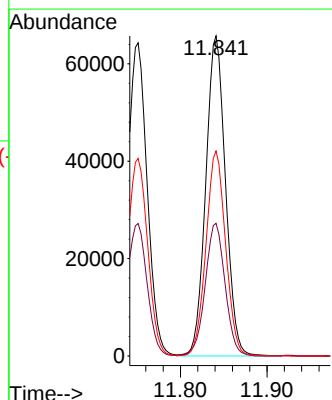
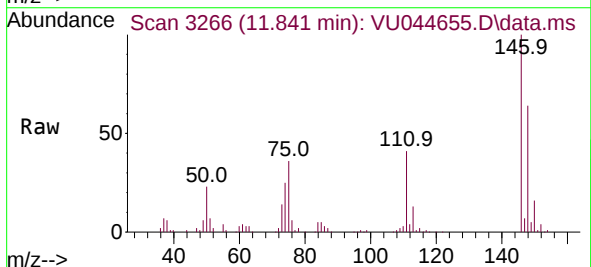
Instrument :
MSVOA_U
ClientSampleId :

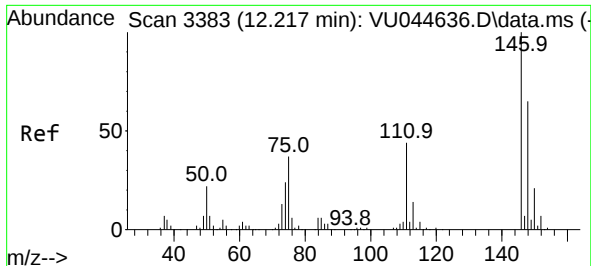
Tgt Ion:146 Resp: 102859
Ion Ratio Lower Upper
146 100
111 42.3 29.8 55.4
148 63.1 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 5.470 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion:146 Resp: 103950
Ion Ratio Lower Upper
146 100
111 41.4 28.7 53.3
148 64.1 45.4 84.4

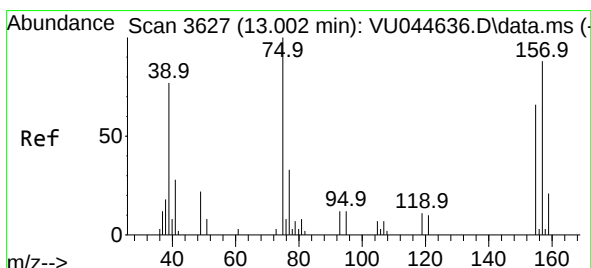
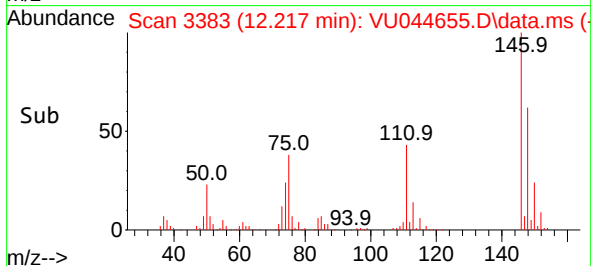
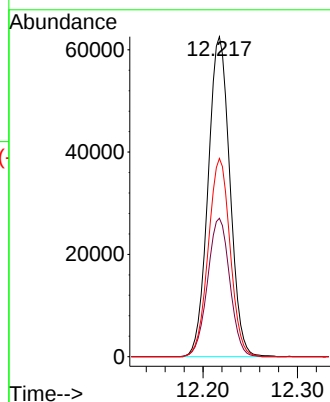
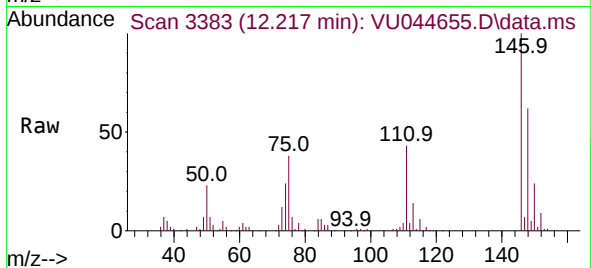




#67
1,2-Dichlorobenzene
Concen: 5.723 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

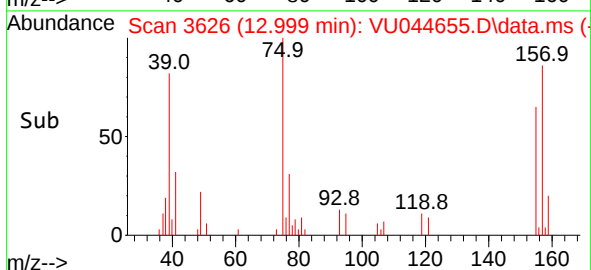
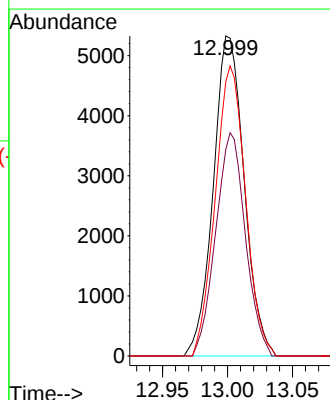
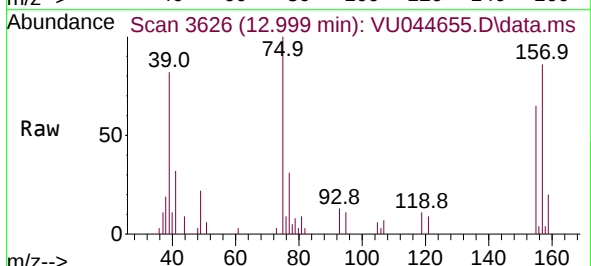
Instrument :
MSVOA_U
ClientSampleId :

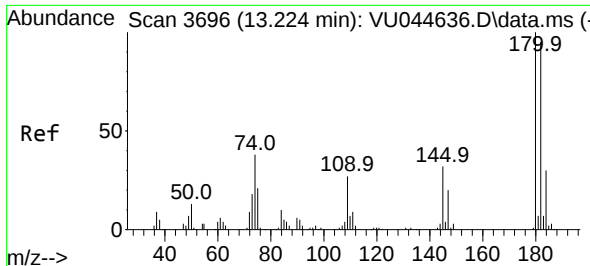
Tgt Ion:146 Resp: 100054
Ion Ratio Lower Upper
146 100
111 43.3 34.6 51.8
148 62.0 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.737 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion: 75 Resp: 8798
Ion Ratio Lower Upper
75 100
155 64.5 54.0 81.0
157 85.7 65.4 98.2

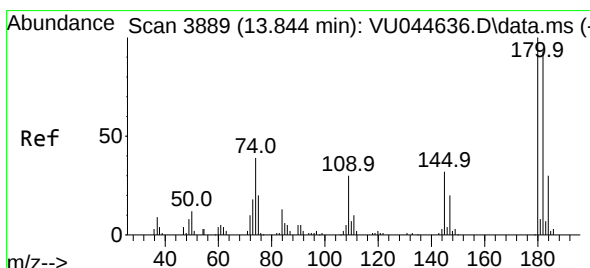
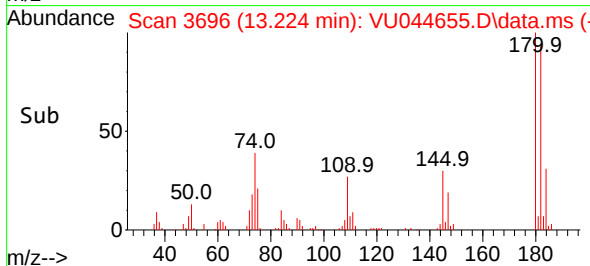
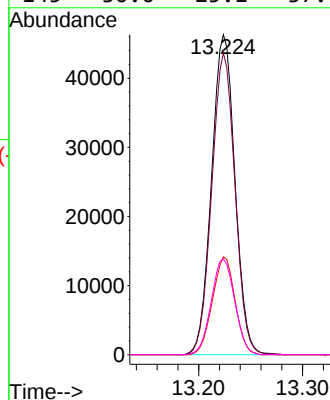
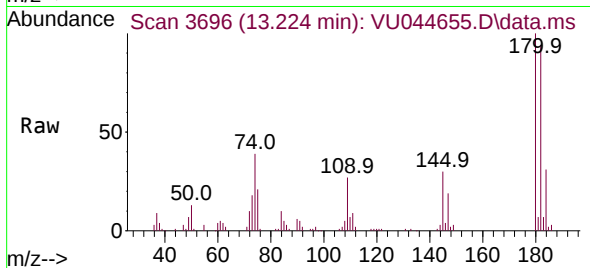




#69
1,3,5-Trichlorobenzene
Concen: 5.172 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

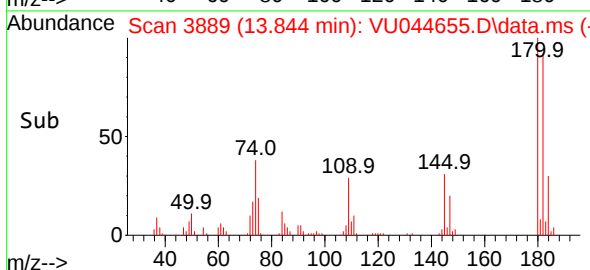
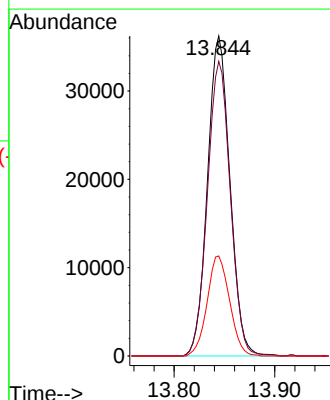
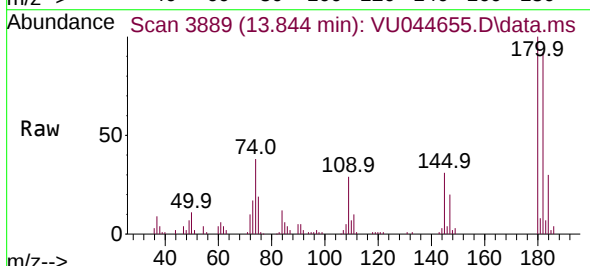
Instrument :
MSVOA_U
ClientSampleId :

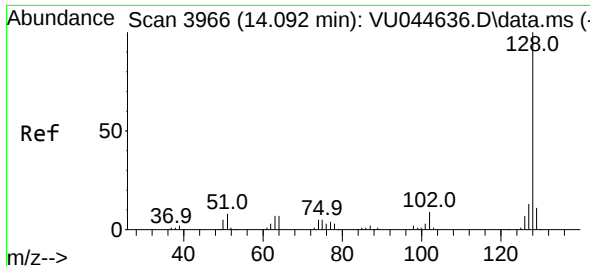
Tgt Ion:	180	Resp:	72431
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.9	115.3
184	29.5	24.1	36.1
145	30.0	25.1	37.7



#70
1,2,4-trichlorobenzene
Concen: 4.762 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion:	180	Resp:	56250
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.4	113.0
145	31.2	25.2	37.8

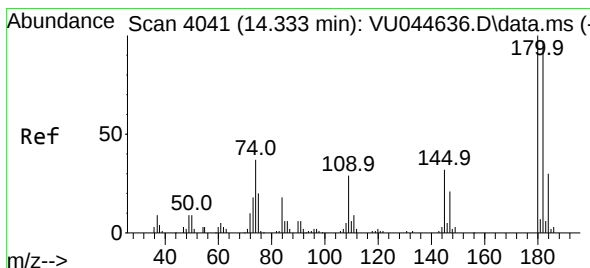
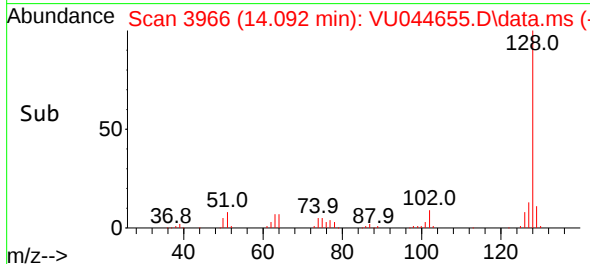
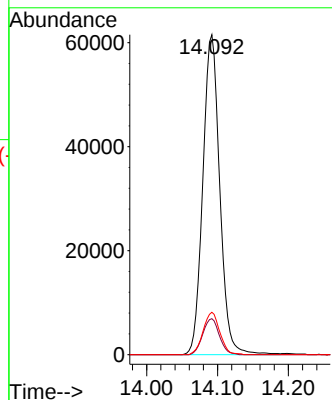
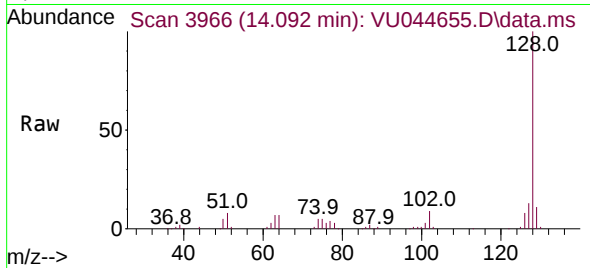




#71
Naphthalene
Concen: 4.443 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 102387
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.896 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044655.D
Acq: 16 Sep 2021 09:53

Tgt Ion:180 Resp: 53238
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 34.0 27.0 40.6

