

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
 Data File : VU044675.D
 Acq On : 16 Sep 2021 20:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:04:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 17 02:59:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	131487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	132211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	65201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27829	3.587	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.800%	
7) Chloroethane-d5	1.916	69	31922	4.032	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.600%	
11) 1,1-Dichloroethene-d2	2.572	65	14967	3.819	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	4.642	46	184307	56.671	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.340%	
24) Chloroform-d	5.073	84	78360	4.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.710	65	45813	4.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.735	84	144931	4.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.697	67	51013	4.608	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.903	98	124146	4.230	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
43) trans-1,3-Dichloroprop...	8.185	79	16403	4.203	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.642	63	142031	56.627	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.260%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	49612	5.054	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.198	152	46299	4.303	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	51367	4.899	ug/L	99
3) Chloromethane	1.520	50	66519	5.277	ug/L	100
5) Vinyl chloride	1.607	62	65052	5.060	ug/L	98
6) Bromomethane	1.861	94	32871	4.989	ug/L	99
8) Chloroethane	1.938	64	43113	5.261	ug/L	96
9) Trichlorofluoromethane	2.144	101	76175	5.261	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	46016	5.177	ug/L	99
12) 1,1-Dichloroethene	2.584	96	43179	5.112	ug/L	91
13) Acetone	2.649	43	77611	36.640	ug/L	87
14) Carbon disulfide	2.797	76	124085	4.640	ug/L	100
15) Methyl Acetate	2.961	43	19379	5.067	ug/L	97
16) Methylene chloride	3.054	84	70443	5.244	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	125293	5.366	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	45854	5.106	ug/L	98
19) 1,1-Dichloroethane	3.877	63	99189	5.464	ug/L	99
21) 2-Butanone	4.719	43	157018	44.396	ug/L	88
22) cis-1,2-Dichloroethene	4.674	96	51962	5.249	ug/L	95
23) Bromochloromethane	4.983	128	22634	5.397	ug/L	99
25) Chloroform	5.096	83	98047	5.068	ug/L	98

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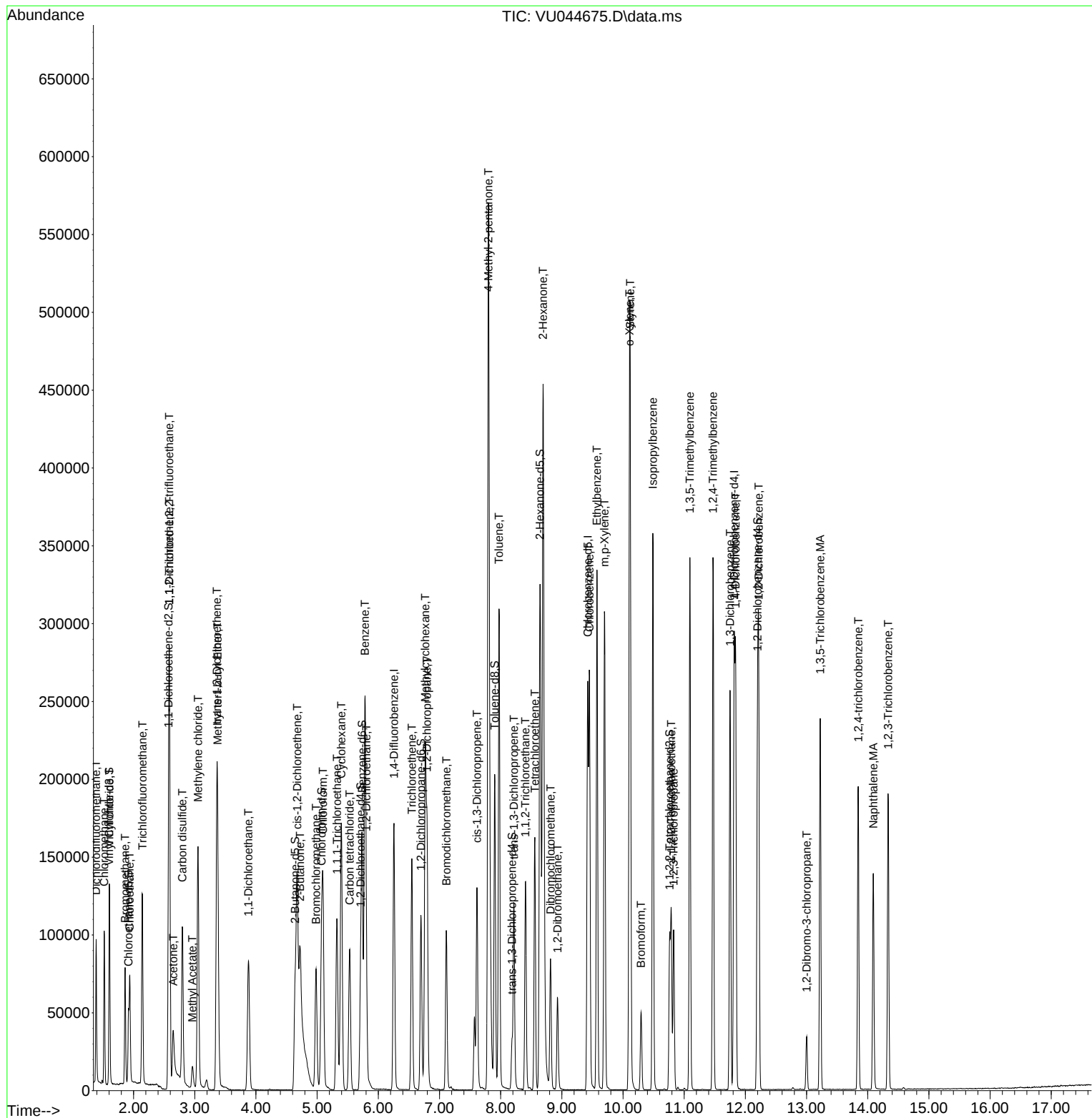
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	71109	5.614	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	77473	5.378	ug/L	98
30) Cyclohexane	5.395	56	82144	4.979	ug/L	99
31) Carbon tetrachloride	5.533	117	58568	5.195	ug/L	99
33) Benzene	5.780	78	208985	5.326	ug/L	100
34) Trichloroethene	6.549	95	51140	5.265	ug/L	99
35) Methylcyclohexane	6.768	83	75783	4.747	ug/L	97
37) 1,2-Dichloropropane	6.797	63	57552	5.474	ug/L	99
38) Bromodichloromethane	7.112	83	68005	5.334	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	73430	4.929	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	479097	58.539	ug/L	99
42) Toluene	7.973	91	215730	5.264	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	64672	5.088	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	41694	5.577	ug/L	97
47) Tetrachloroethene	8.558	164	33044	4.899	ug/L	99
48) 2-Hexanone	8.694	43	350824	57.591	ug/L	99
49) Dibromochloromethane	8.816	129	41715	5.311	ug/L	96
50) 1,2-Dibromoethane	8.928	107	38449	5.463	ug/L	99
51) Chlorobenzene	9.452	112	127290	5.010	ug/L	99
52) Ethylbenzene	9.575	91	224063	5.048	ug/L	100
53) m,p-Xylene	9.697	106	85103	5.042	ug/L	99
54) o-Xylene	10.105	106	82602	5.123	ug/L	99
55) Styrene	10.118	104	145222	5.145	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	56424	5.621	ug/L	99
59) Bromoform	10.295	173	22174	5.472	ug/L	98
60) Isopropylbenzene	10.488	105	217214	5.322	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	41799	5.802	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	174705	5.154	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	182688	5.248	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	95285	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	96648	4.923	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	94471	5.230	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	9170	5.788	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	66896	4.624	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	53810	4.410	ug/L	99
71) Naphthalene	14.092	128	106106	4.457	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	52100	4.638	ug/L	100

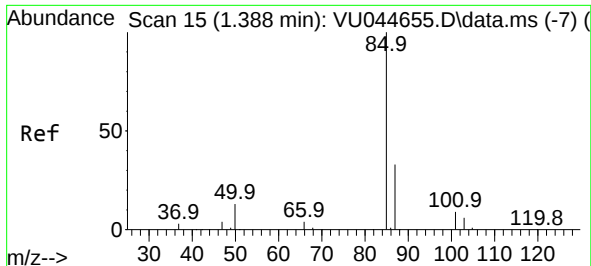
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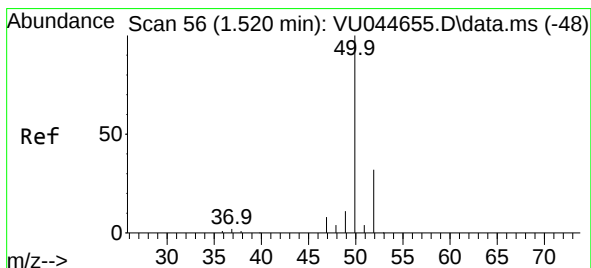
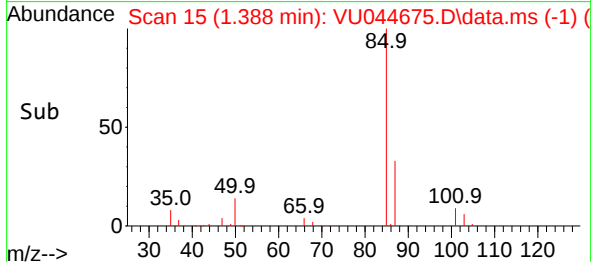
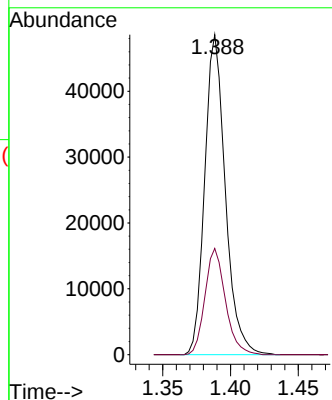
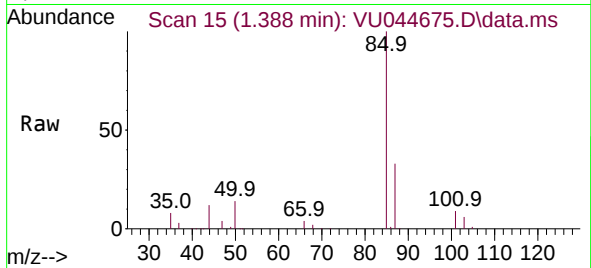




#2
Dichlorodifluoromethane
Concen: 4.899 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

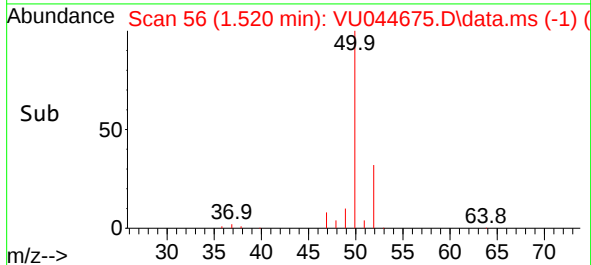
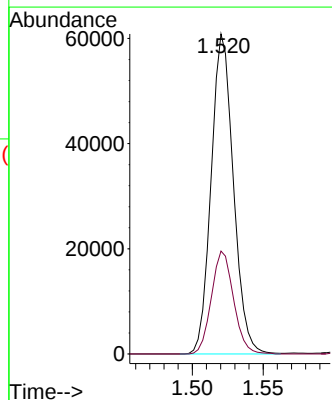
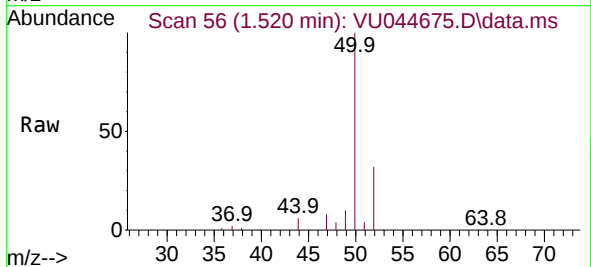
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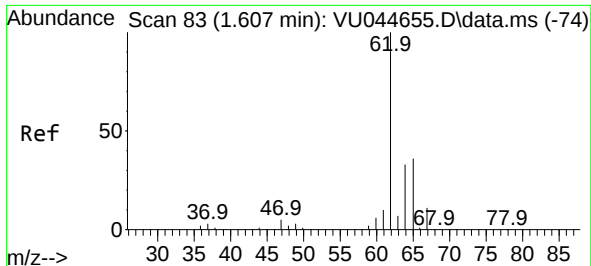
Tgt Ion: 85 Resp: 51367
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0



#3
Chloromethane
Concen: 5.277 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 50 Resp: 66519
Ion Ratio Lower Upper
50 100
52 32.1 22.6 42.0

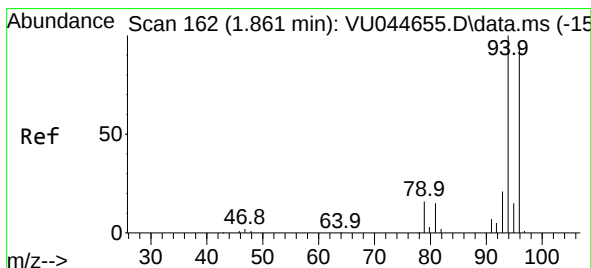
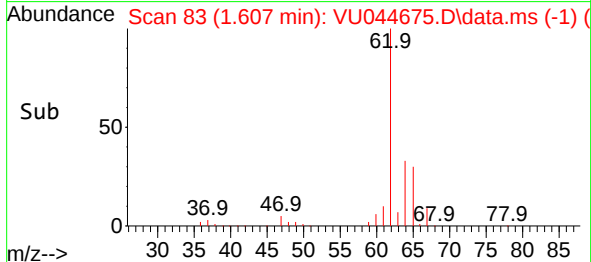
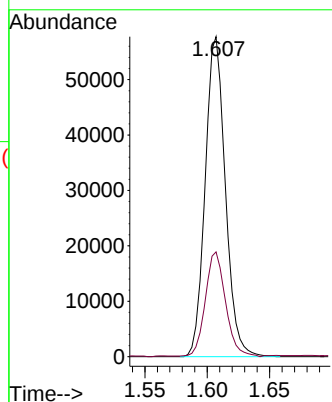
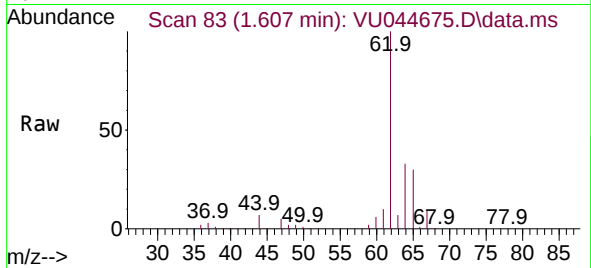




#5
 Vinyl chloride
 Concen: 5.060 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044675.D
 Acq: 16 Sep 2021 20:39

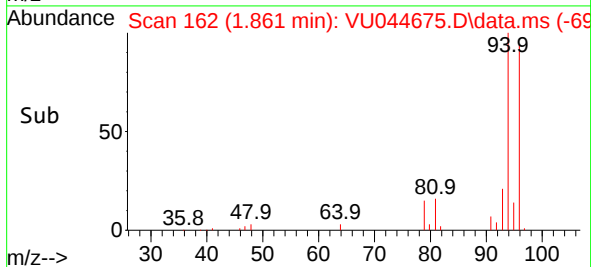
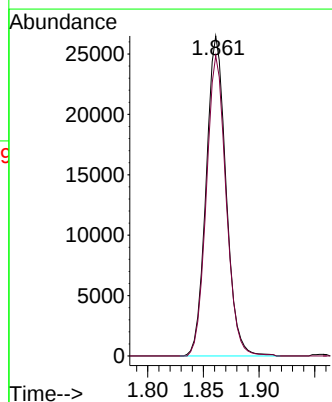
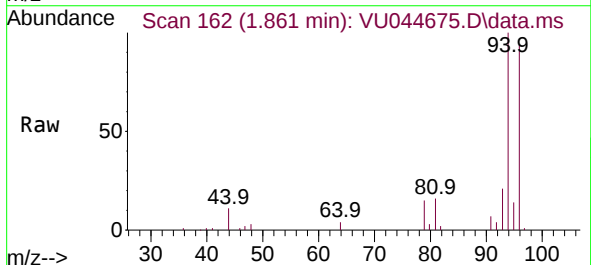
Instrument :
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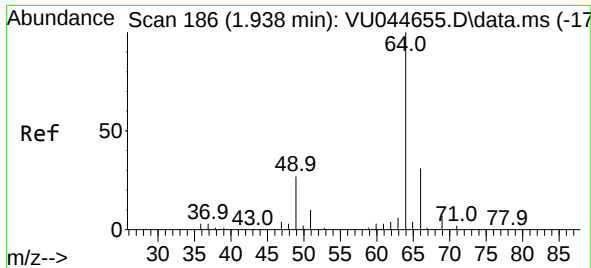
Tgt Ion: 62 Resp: 65052
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.0 40.8



#6
 Bromomethane
 Concen: 4.989 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044675.D
 Acq: 16 Sep 2021 20:39

Tgt Ion: 94 Resp: 32871
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.4 123.4

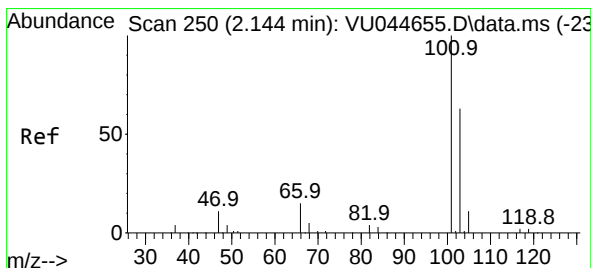
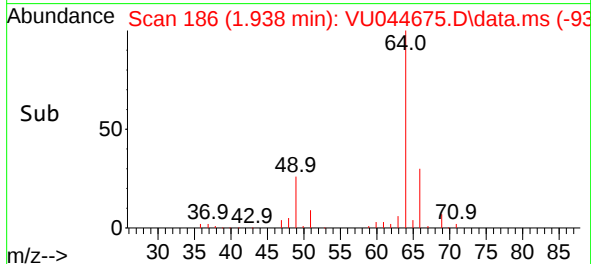
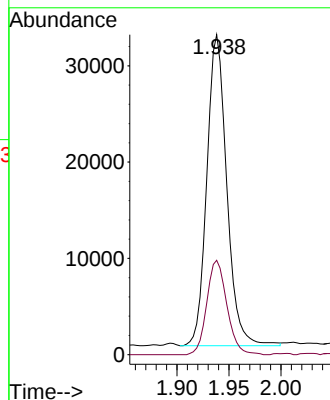
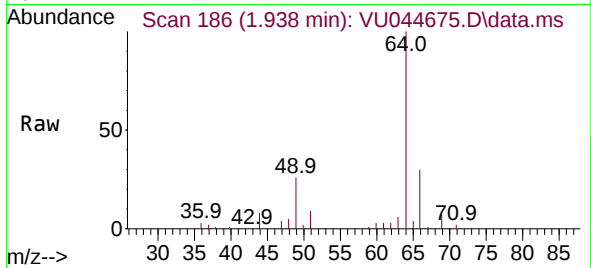




#8
Chloroethane
Concen: 5.261 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

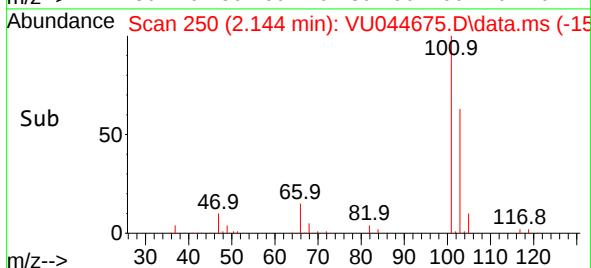
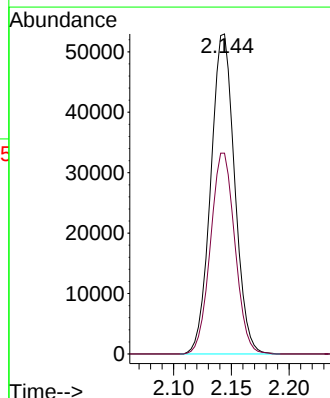
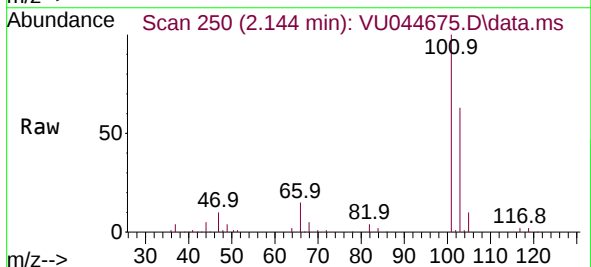
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MSVOA_U
ClientSampleId :

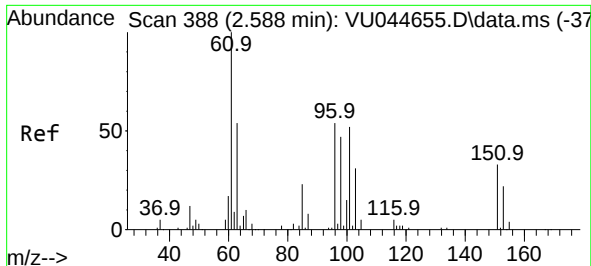
Tgt Ion: 64 Resp: 43113
Ion Ratio Lower Upper
64 100
66 29.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.261 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:101 Resp: 76175
Ion Ratio Lower Upper
101 100
103 64.2 51.2 76.8

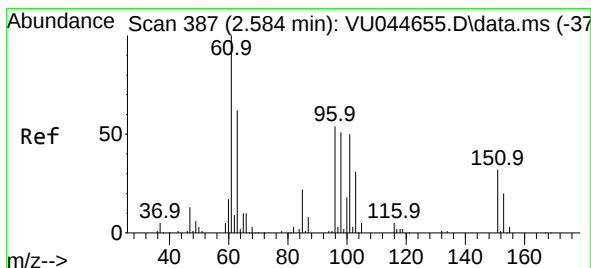
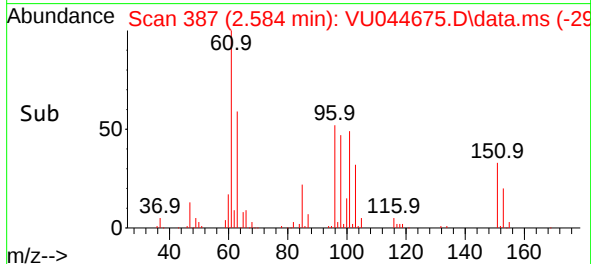
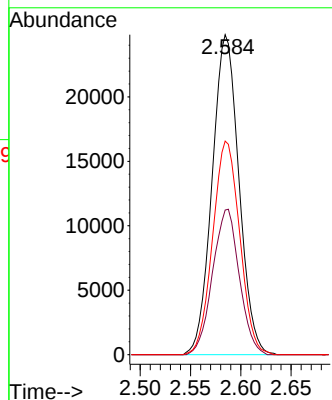
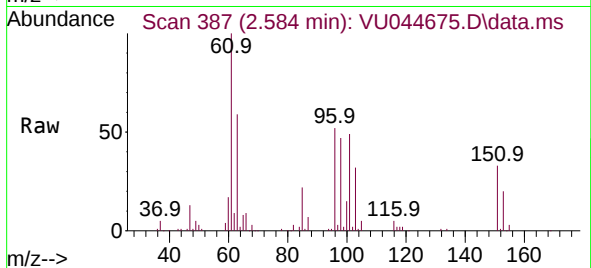




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.177 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

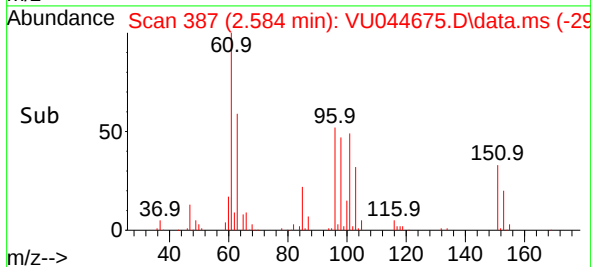
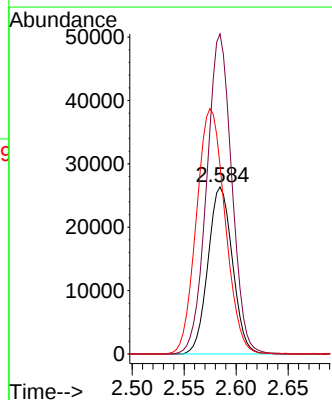
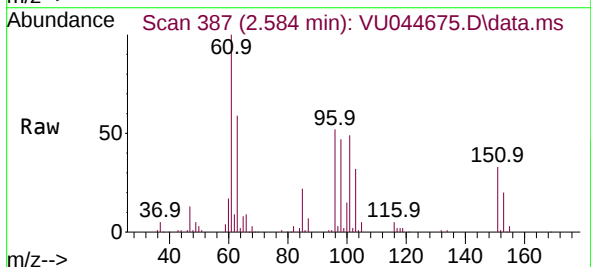
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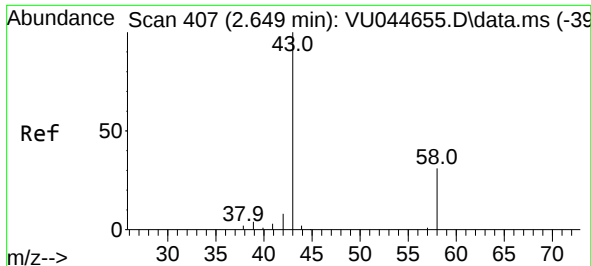
Tgt Ion:101 Resp: 46016
Ion Ratio Lower Upper
101 100
85 45.3 35.4 53.2
151 67.4 53.9 80.9



#12
1,1-Dichloroethene
Concen: 5.112 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 96 Resp: 43179
Ion Ratio Lower Upper
96 100
61 191.7 129.3 240.1
63 112.9 91.3 169.5

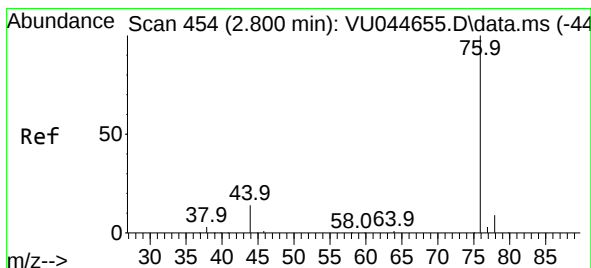
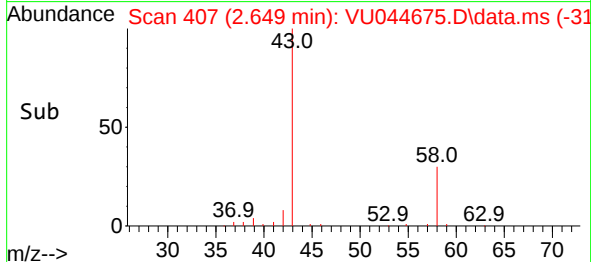
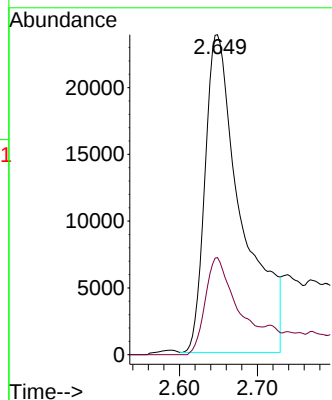
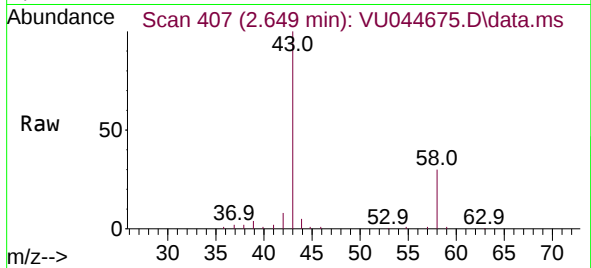




#13
Acetone
Concen: 36.640 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

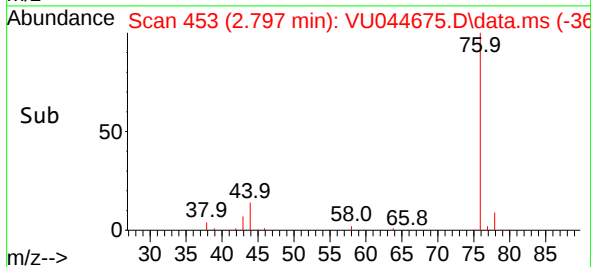
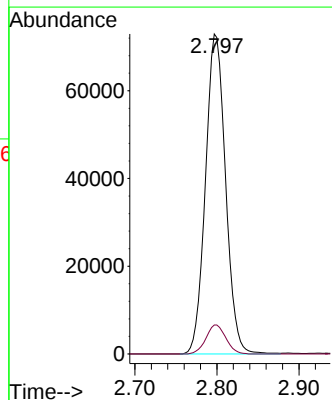
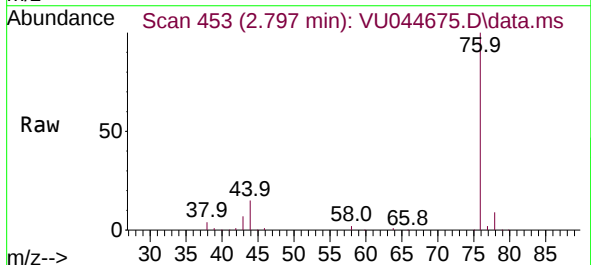
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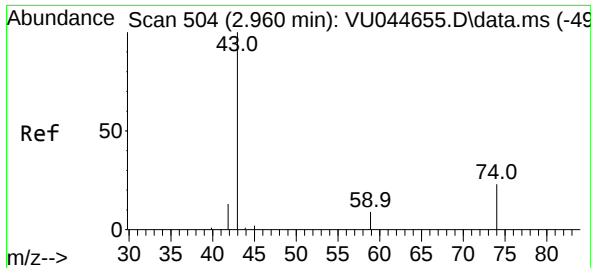
Tgt Ion: 43 Resp: 77611
Ion Ratio Lower Upper
43 100
58 27.2 0.0 42.4



#14
Carbon disulfide
Concen: 4.640 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 124085
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

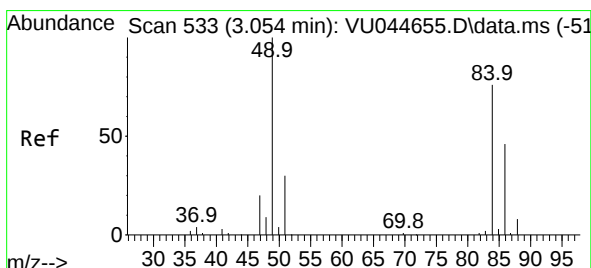
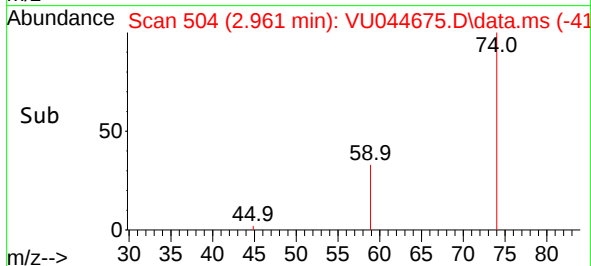
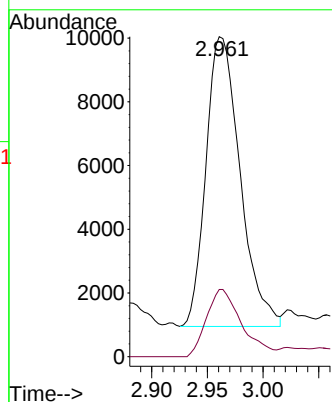
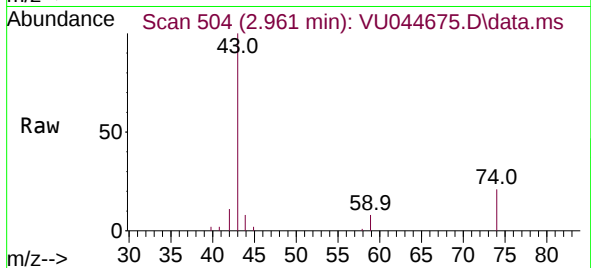




#15
Methyl Acetate
Concen: 5.067 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

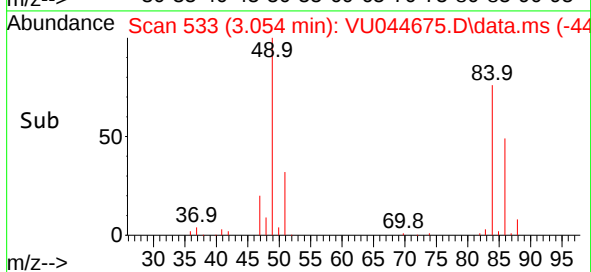
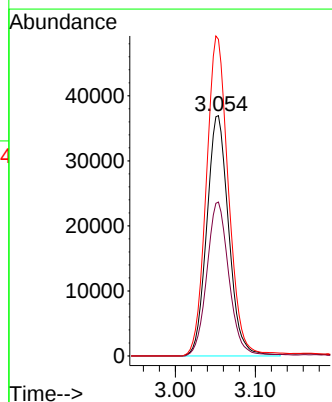
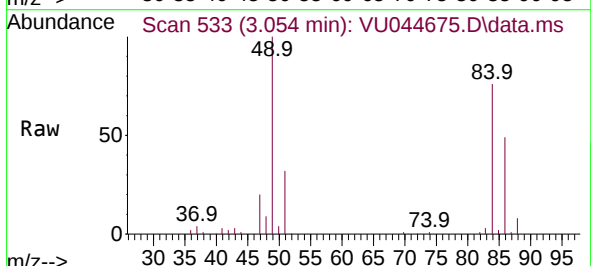
Instrument :
MSVOA_U
ClientSampled :

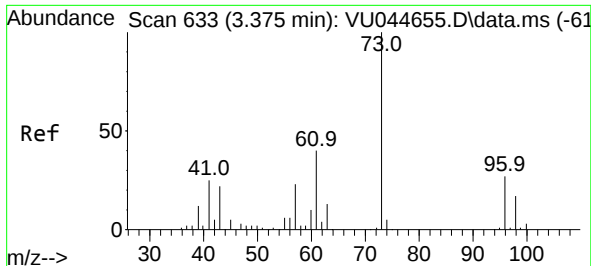
Tgt Ion: 43 Resp: 19379
Ion Ratio Lower Upper
43 100
74 24.1 20.6 30.8



#16
Methylene chloride
Concen: 5.244 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 84 Resp: 70443
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.2
49 131.8 92.9 172.5



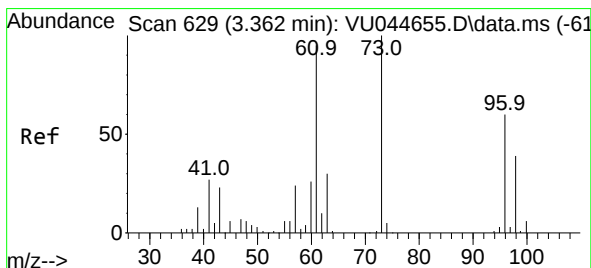
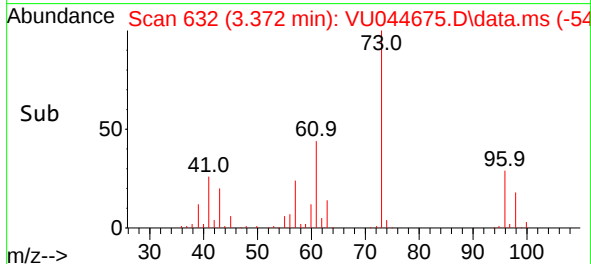
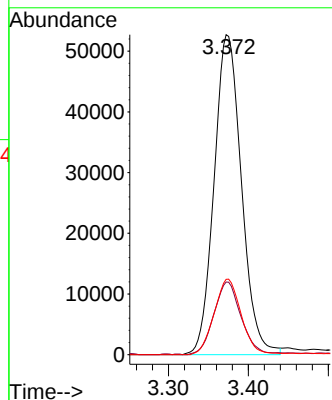
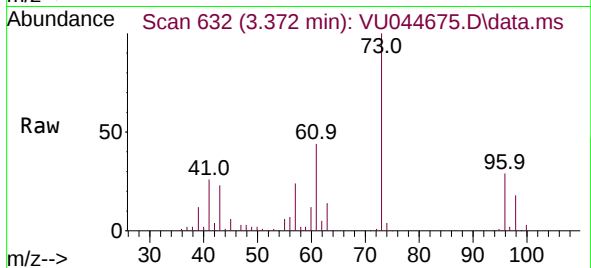


#17

Methyl tert-butyl Ether
Concen: 5.366 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Instrument :
MSVOA_U
ClientSampleId :

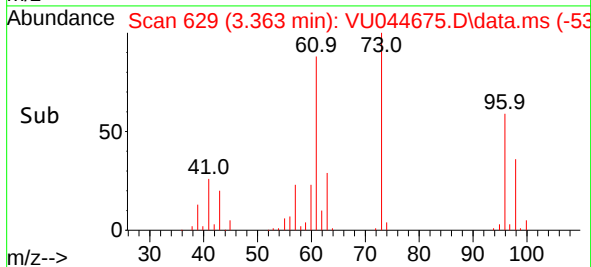
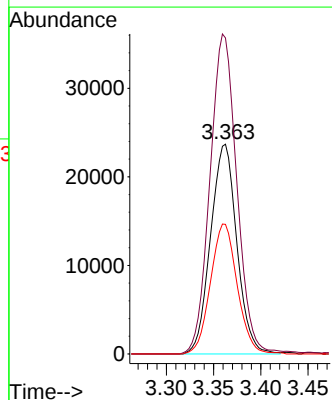
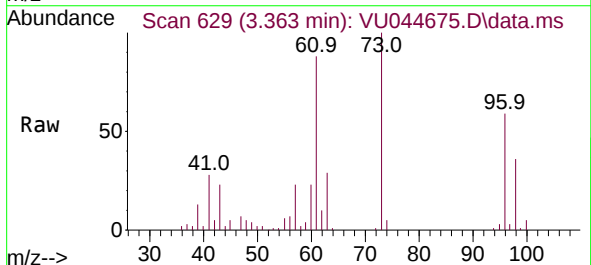
Tgt Ion: 73	Resp: 125293
Ion Ratio	Lower Upper
73 100	
43 22.7	17.8 26.6
57 23.3	18.6 27.8

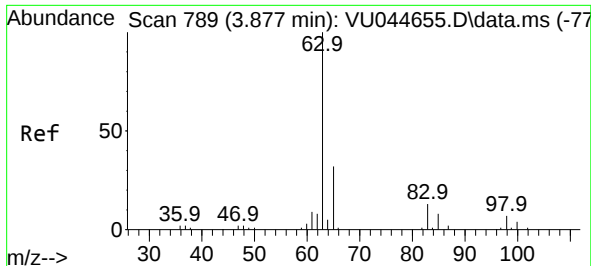


#18

trans-1,2-Dichloroethene
Concen: 5.106 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 96	Resp: 45854
Ion Ratio	Lower Upper
96 100	
61 150.6	107.2 199.0
98 61.8	42.8 79.6





#19

1,1-Dichloroethane

Concen: 5.464 ug/L

RT: 3.877 min Scan# 789

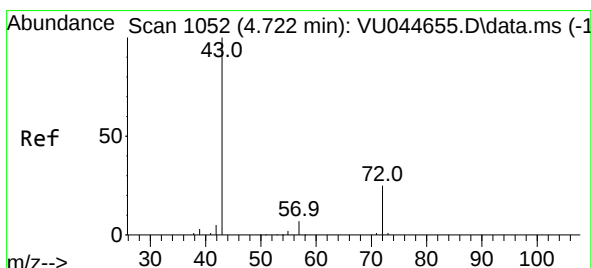
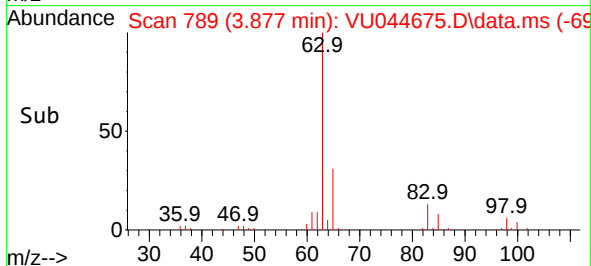
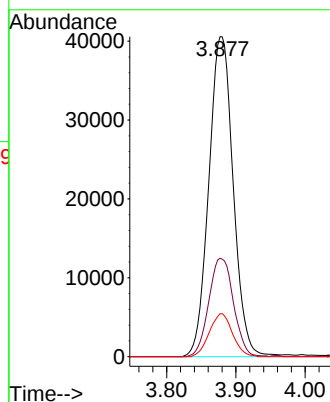
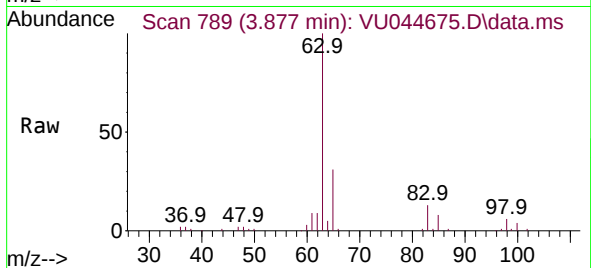
Delta R.T. 0.000 min

Lab File: VU044675.D

Acq: 16 Sep 2021 20:39

Tgt Ion:	63	Resp:	99189
Ion	Ratio	Lower	Upper
63	100		
65	30.7	21.8	40.6
83	13.4	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 44.396 ug/L

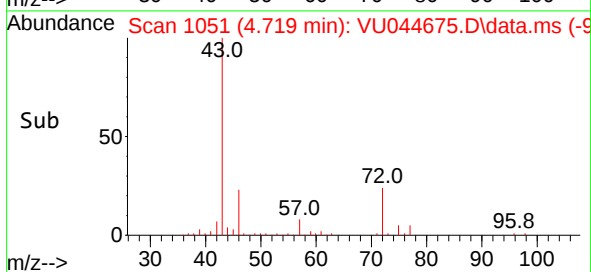
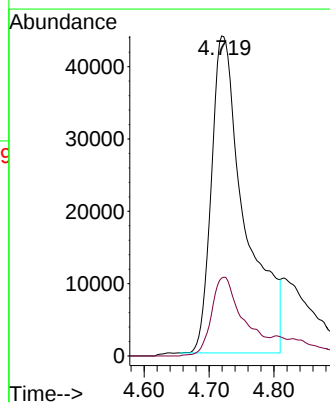
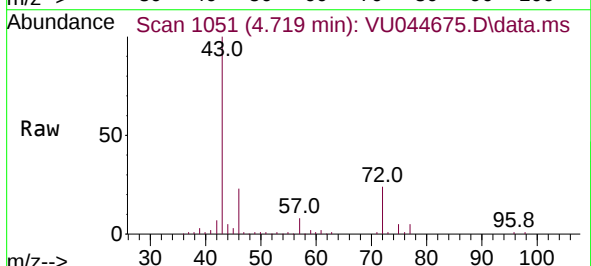
RT: 4.719 min Scan# 1051

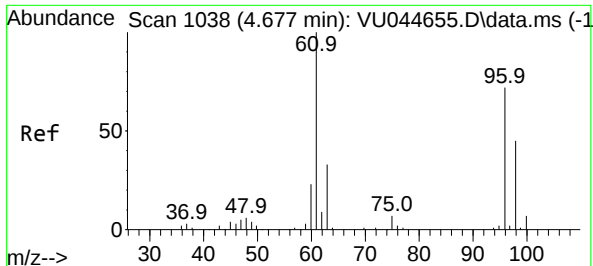
Delta R.T. -0.003 min

Lab File: VU044675.D

Acq: 16 Sep 2021 20:39

Tgt Ion:	43	Resp:	157018
Ion	Ratio	Lower	Upper
43	100		
72	23.8	9.2	27.4





#22

cis-1,2-Dichloroethene

Concen: 5.249 ug/L

RT: 4.674 min Scan# 1037

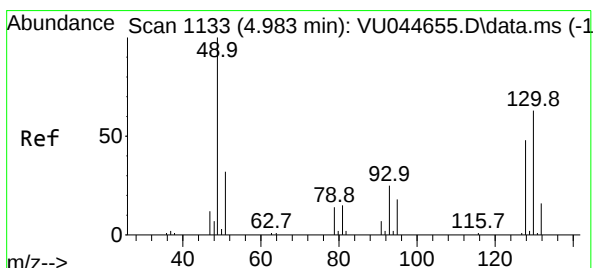
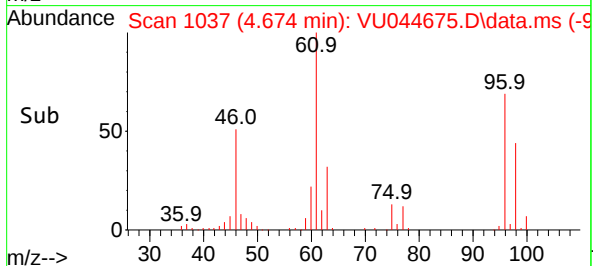
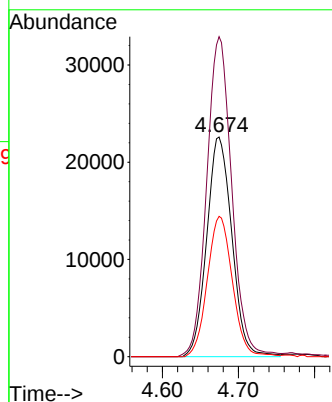
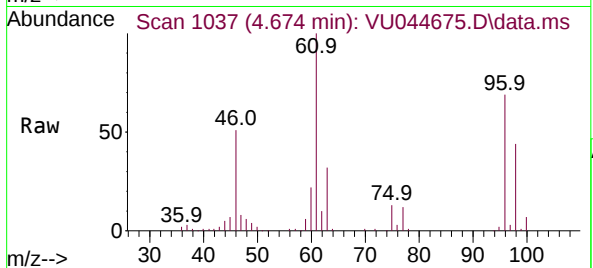
Delta R.T. -0.003 min

Lab File: VU044675.D

Acq: 16 Sep 2021 20:39

Tgt Ion:	96	Resp:	51962
Ion	Ratio	Lower	Upper
96	100		
61	145.6	96.9	179.9
98	63.9	43.5	80.7

Instrument :
MSVOA_U
ClientSampleId :



#23

Bromochloromethane

Concen: 5.397 ug/L

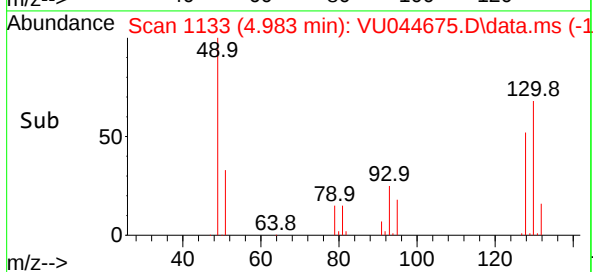
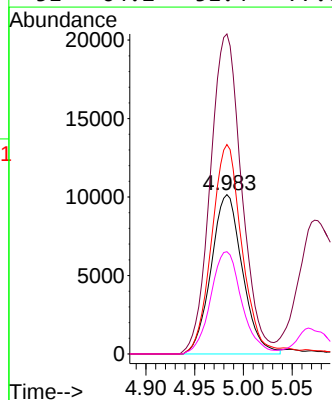
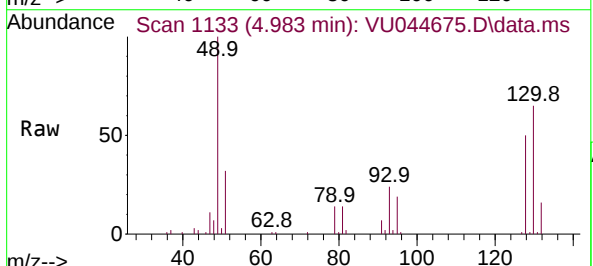
RT: 4.983 min Scan# 1133

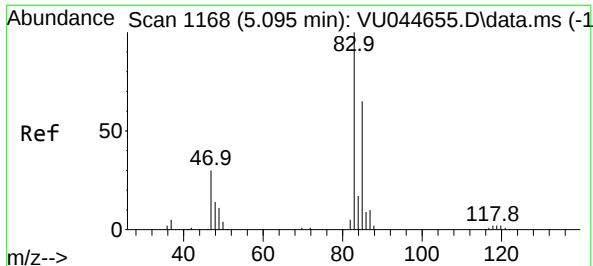
Delta R.T. 0.000 min

Lab File: VU044675.D

Acq: 16 Sep 2021 20:39

Tgt Ion:	128	Resp:	22634
Ion	Ratio	Lower	Upper
128	100		
49	200.7	141.4	262.6
130	131.4	94.3	175.1
51	64.2	51.4	77.0





#25

Chloroform

Concen: 5.068 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044675.D

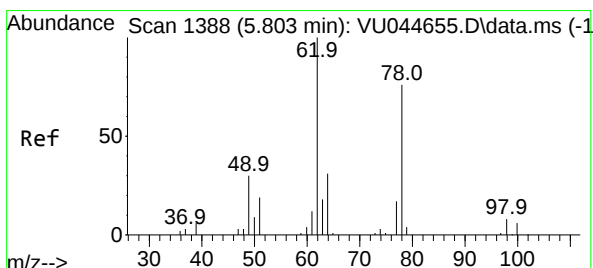
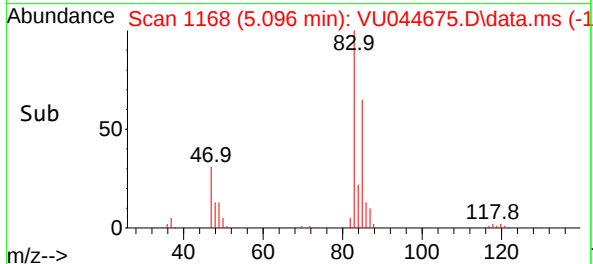
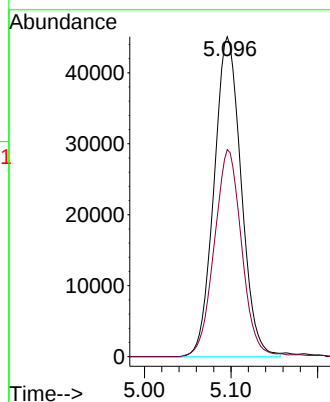
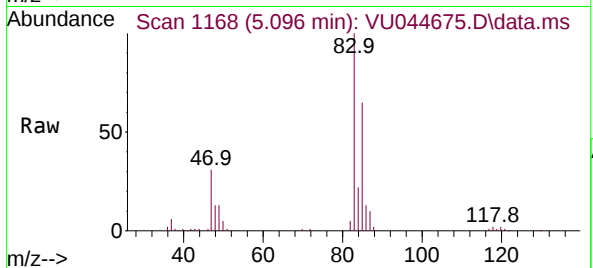
Acq: 16 Sep 2021 20:39

Tgt Ion: 83 Resp: 98047

Ion Ratio Lower Upper

83 100

85 64.7 44.2 82.0



#27

1,2-Dichloroethane

Concen: 5.614 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU044675.D

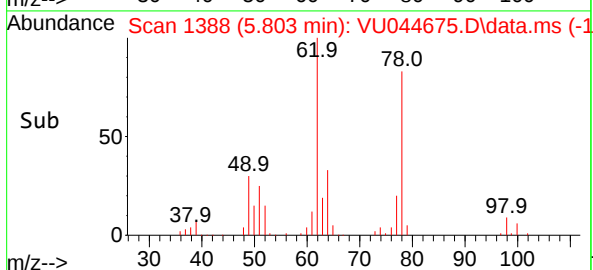
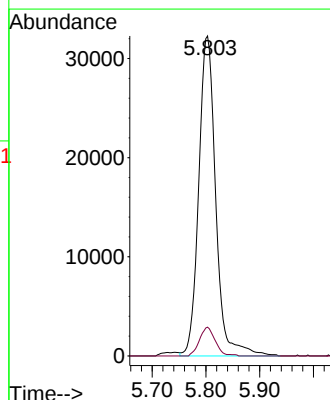
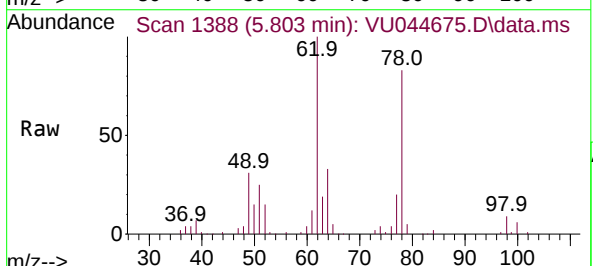
Acq: 16 Sep 2021 20:39

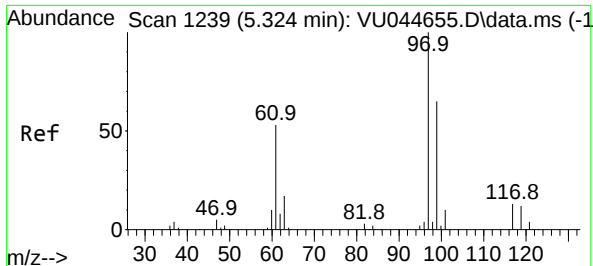
Tgt Ion: 62 Resp: 71109

Ion Ratio Lower Upper

62 100

98 9.0 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.378 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

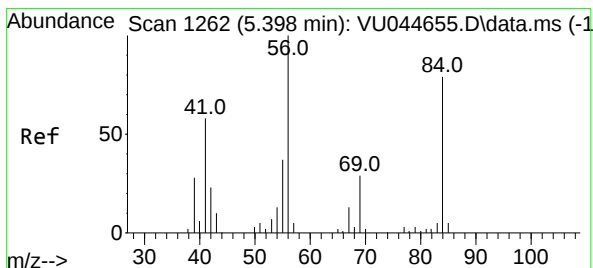
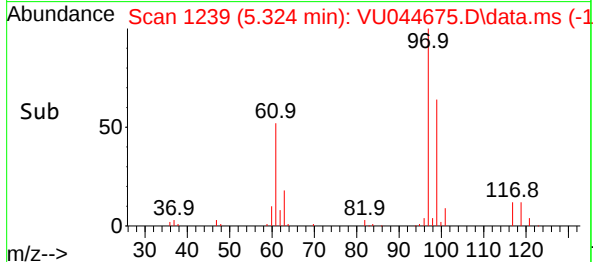
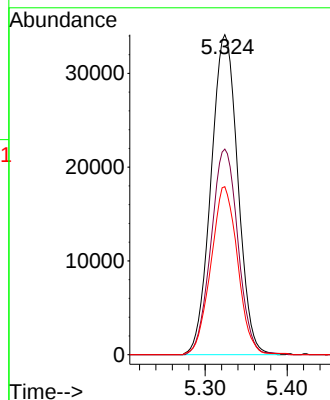
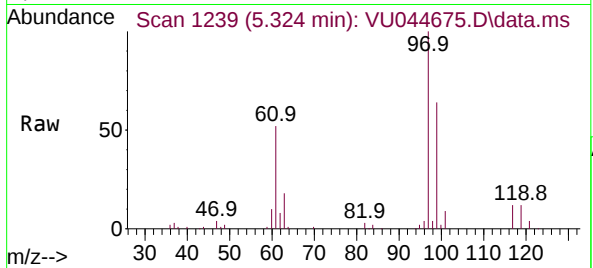
Lab File: VU044675.D

Acq: 16 Sep 2021 20:39

Tgt Ion: 97 Resp: 77473

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.7	76.1
61	52.3	40.6	60.8

Instrument :
MSVOA_U
ClientSampleId :



#30

Cyclohexane

Concen: 4.979 ug/L

RT: 5.395 min Scan# 1261

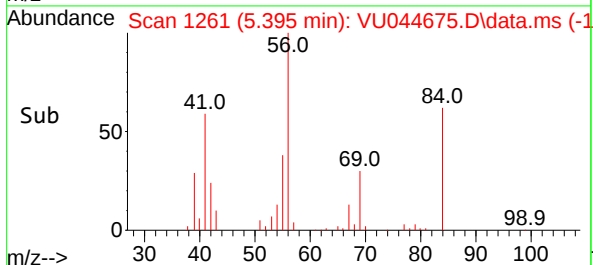
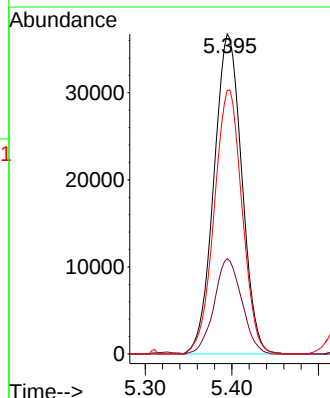
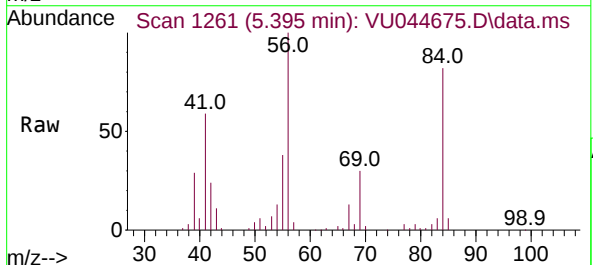
Delta R.T. -0.003 min

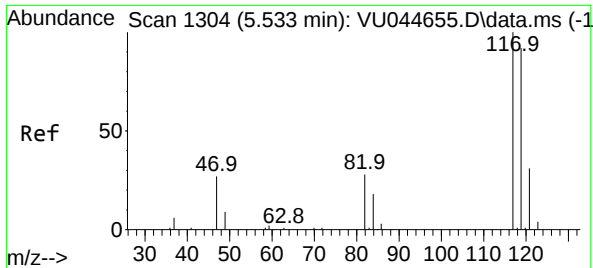
Lab File: VU044675.D

Acq: 16 Sep 2021 20:39

Tgt Ion: 56 Resp: 82144

Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.4	35.2
84	82.7	65.5	98.3

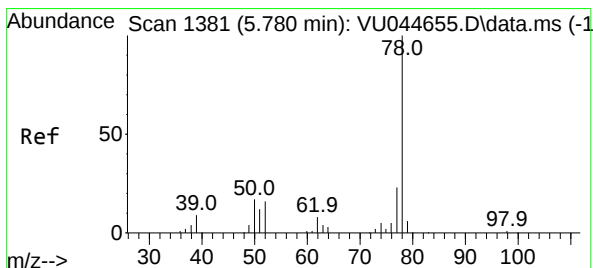
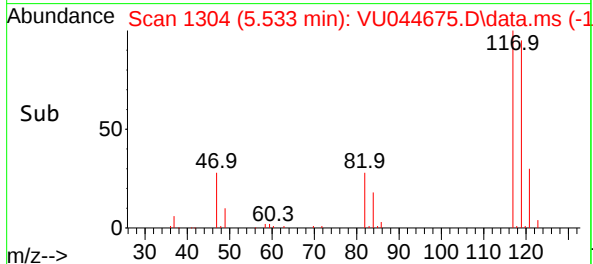
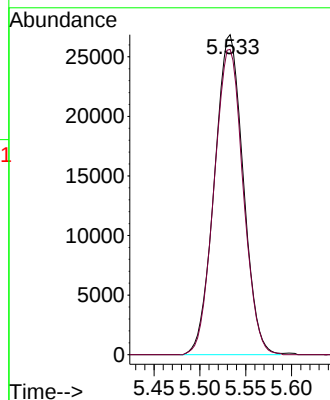
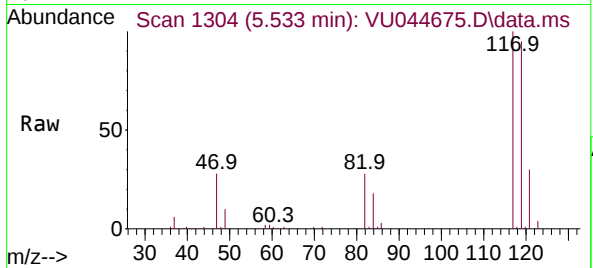




#31
Carbon tetrachloride
Concen: 5.195 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

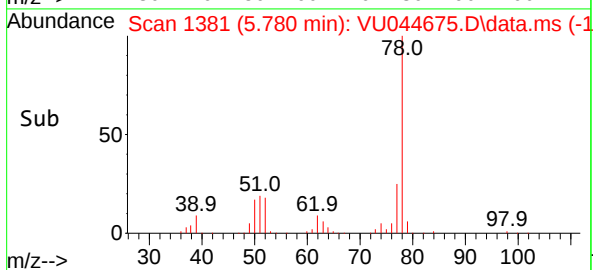
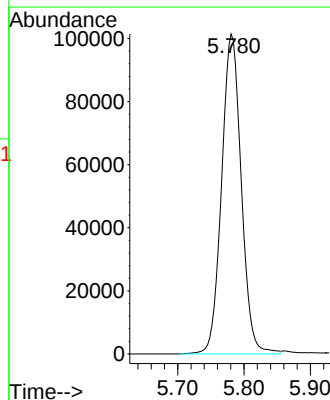
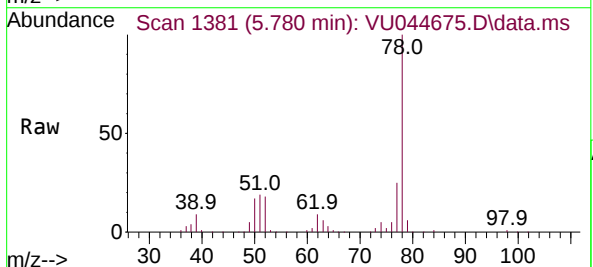
Instrument :
MSVOA_U
ClientSampled :

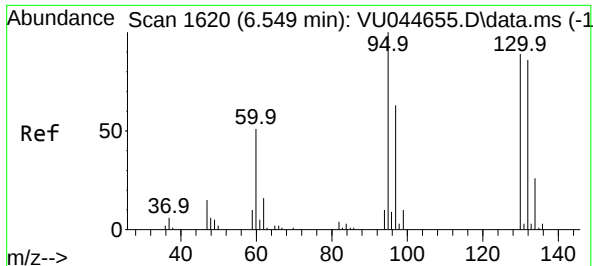
Tgt Ion:117 Resp: 58568
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6



#33
Benzene
Concen: 5.326 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 78 Resp: 208985



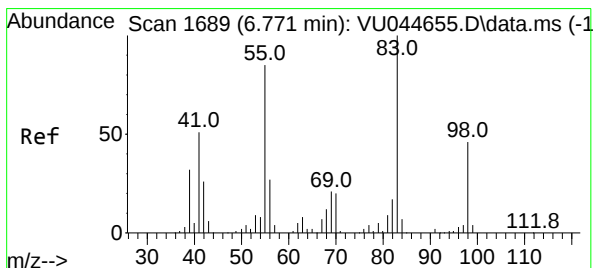
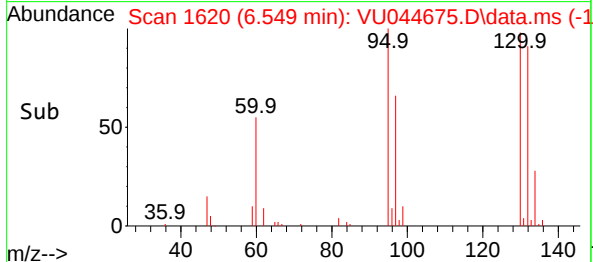
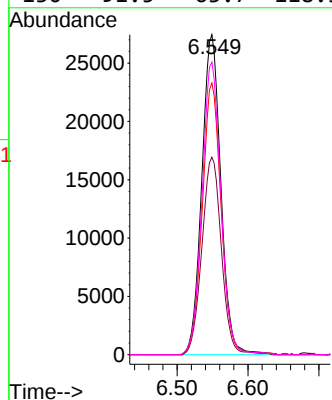
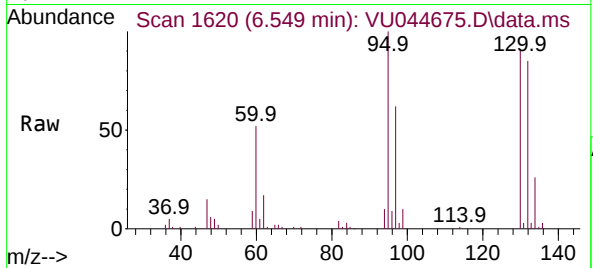


#34
Trichloroethene
Concen: 5.265 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 51140

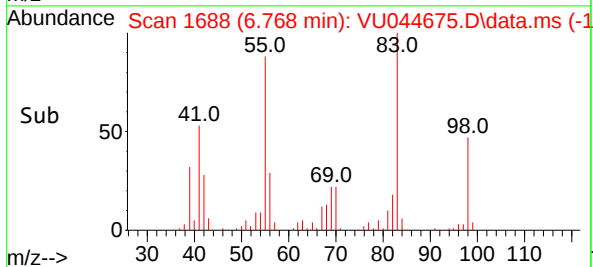
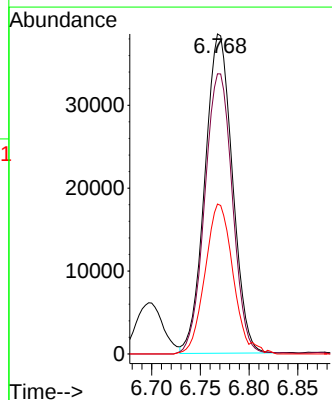
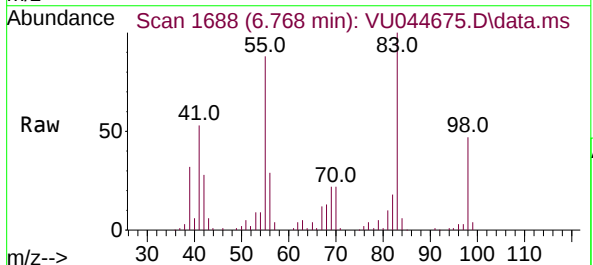
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.7	82.9
132	84.9	60.3	111.9
130	91.5	63.7	118.3

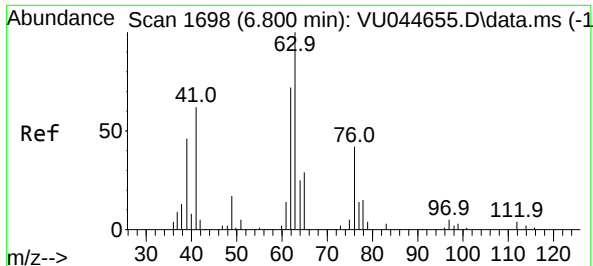


#35
Methylcyclohexane
Concen: 4.747 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 83 Resp: 75783

Ion	Ratio	Lower	Upper
83	100		
55	88.6	68.3	102.5
98	47.8	37.3	55.9



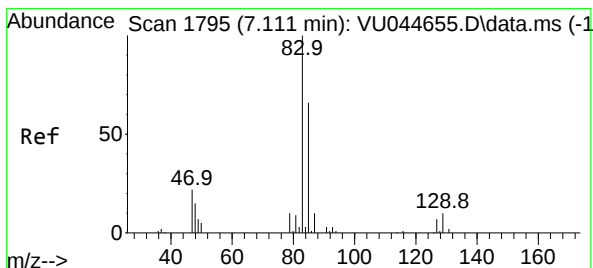
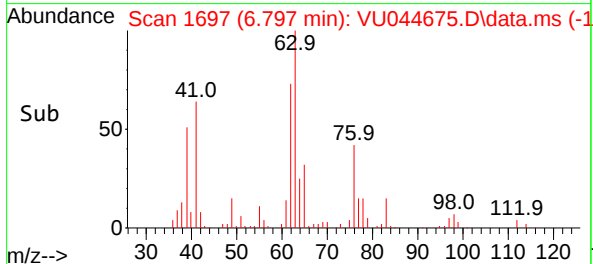
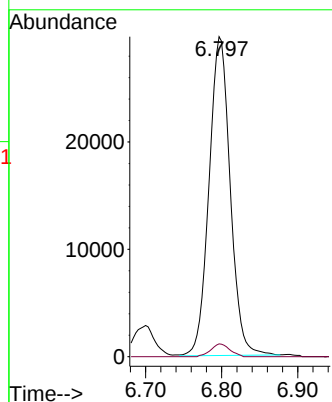
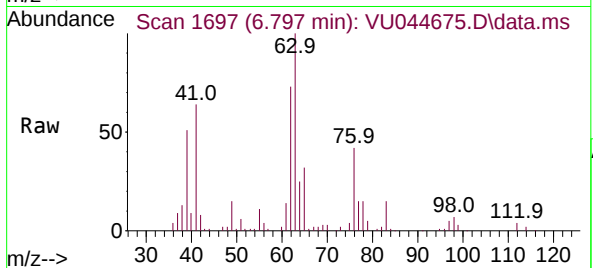


#37

1,2-Dichloropropane
Concen: 5.474 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Instrument :
MSVOA_U
ClientSampleId :

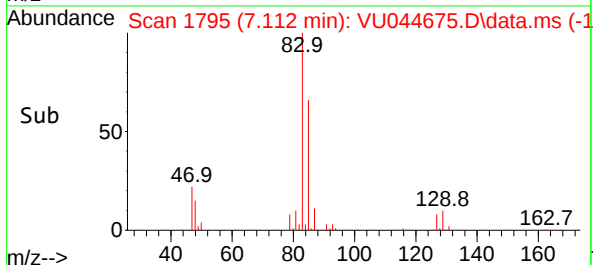
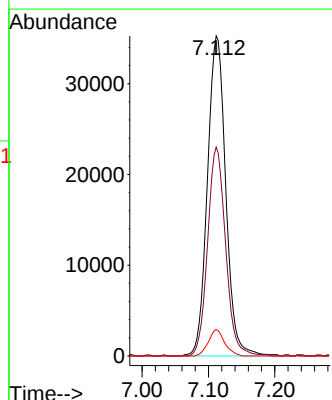
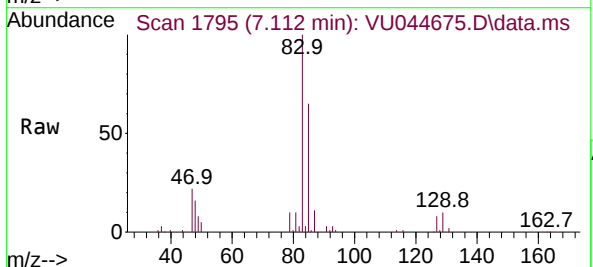
Tgt Ion: 63 Resp: 57552
Ion Ratio Lower Upper
63 100
112 3.6 3.1 4.7

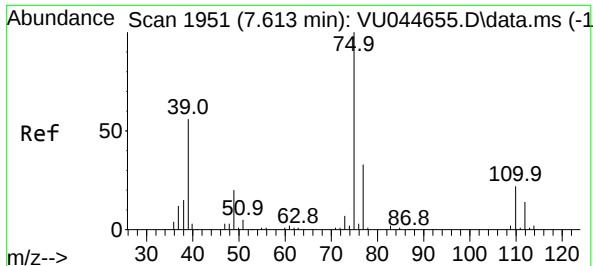


#38

Bromodichloromethane
Concen: 5.334 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 83 Resp: 68005
Ion Ratio Lower Upper
83 100
85 65.3 46.3 86.1
127 8.2 6.0 9.0



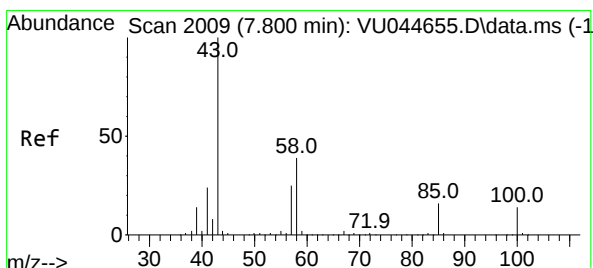
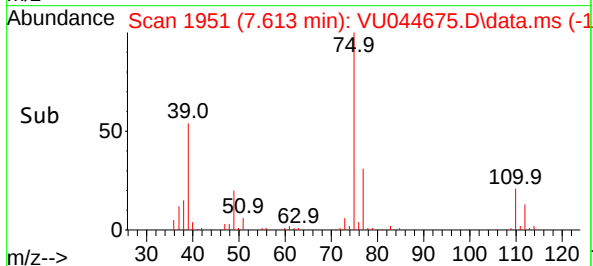
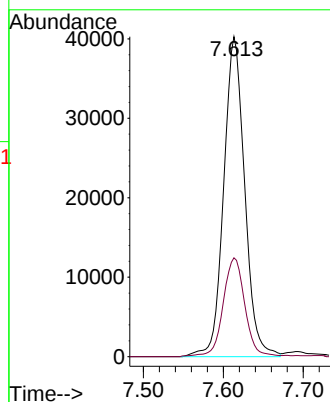
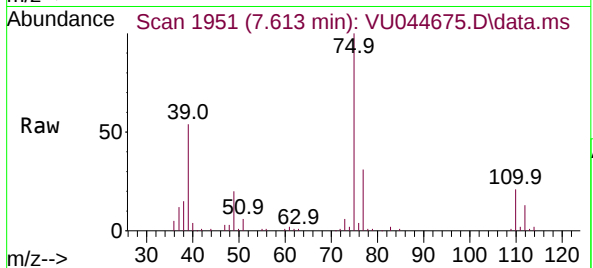


#39

cis-1,3-Dichloropropene
Concen: 4.929 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Instrument :
MSVOA_U
ClientSampleId :

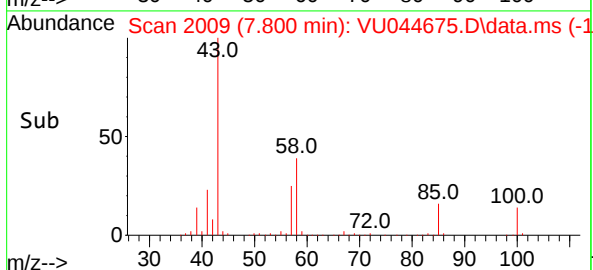
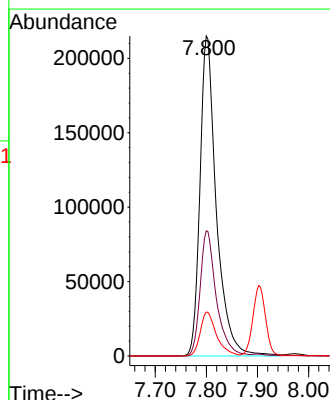
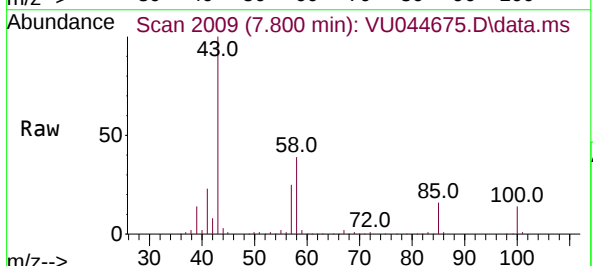
Tgt Ion: 75 Resp: 73430
Ion Ratio Lower Upper
75 100
77 30.9 21.5 39.9

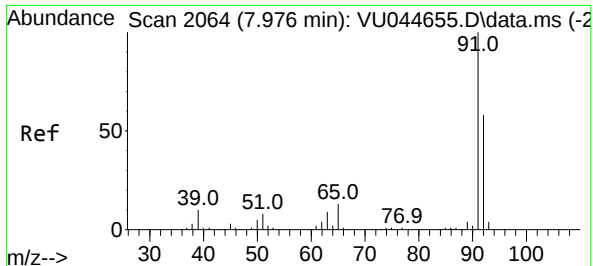


#40

4-Methyl-2-pentanone
Concen: 58.539 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 43 Resp: 479097
Ion Ratio Lower Upper
43 100
58 38.6 31.2 46.8
100 13.6 11.4 17.0

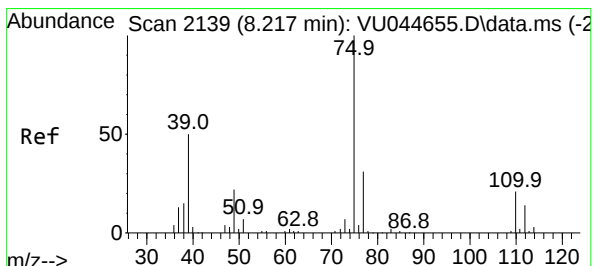
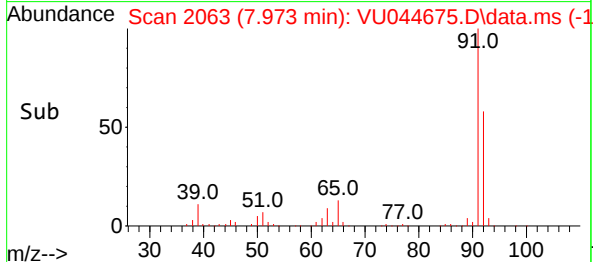
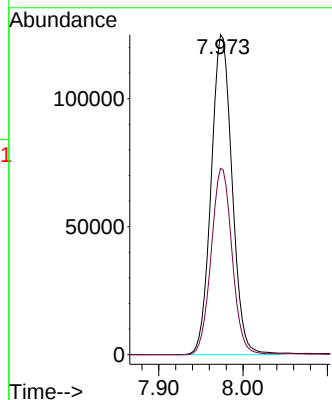
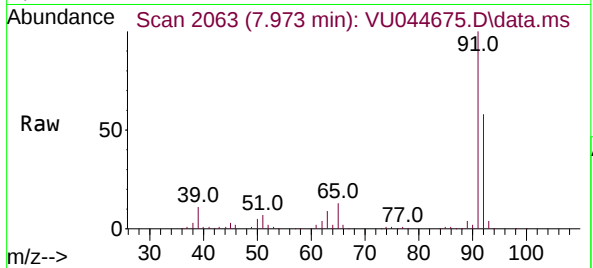




#42
Toluene
Concen: 5.264 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

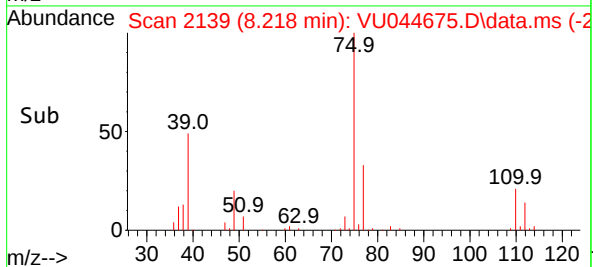
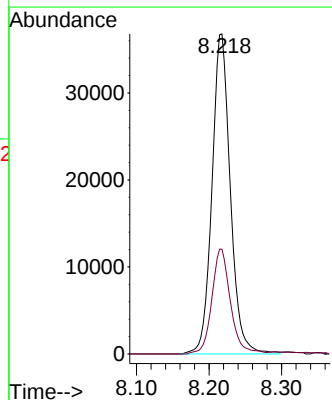
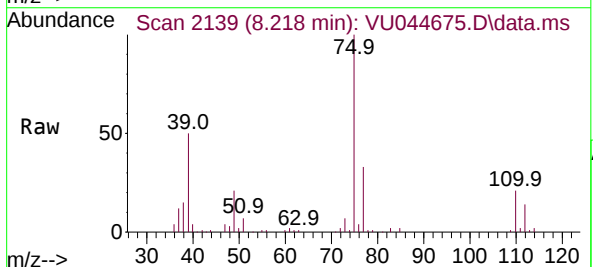
Instrument :
MSVOA_U
ClientSampled :

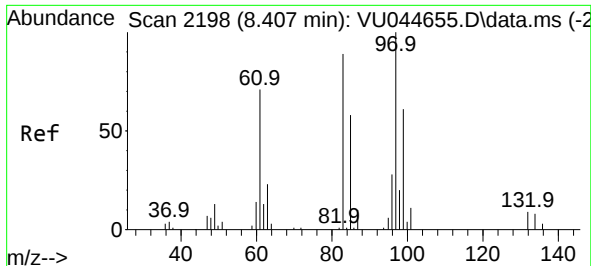
Tgt Ion: 91 Resp: 215730
Ion Ratio Lower Upper
91 100
92 58.2 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 5.088 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 75 Resp: 64672
Ion Ratio Lower Upper
75 100
77 32.7 22.0 41.0

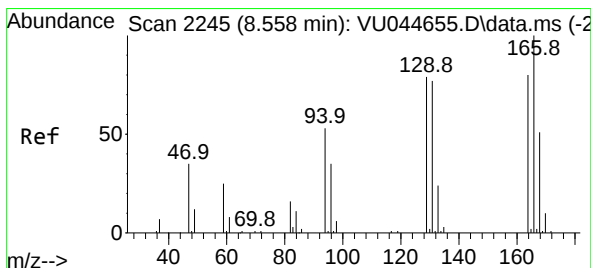
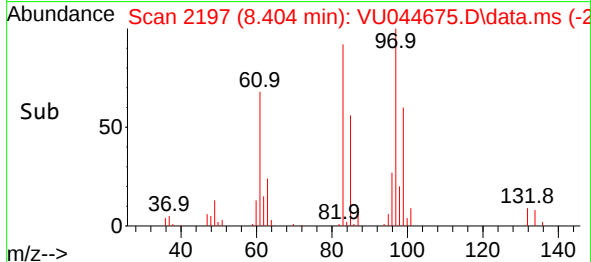
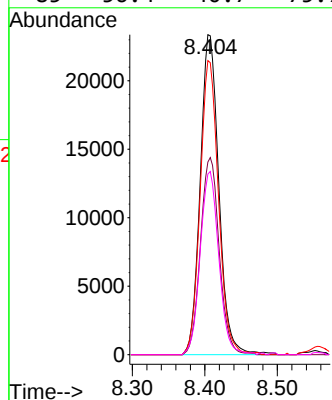
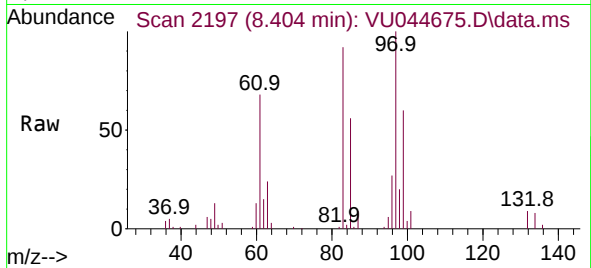




#45
1,1,2-Trichloroethane
Concen: 5.577 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

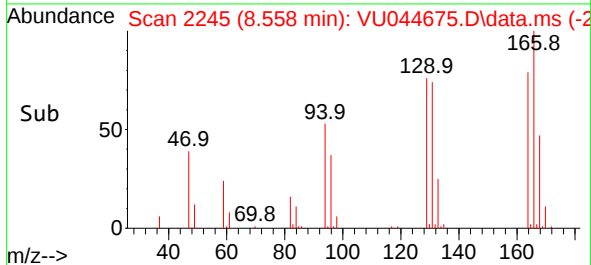
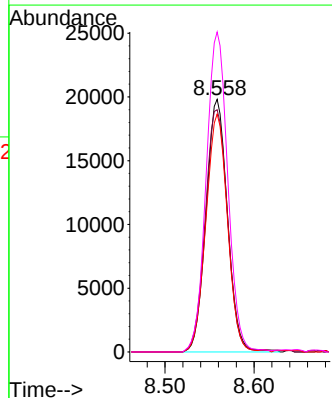
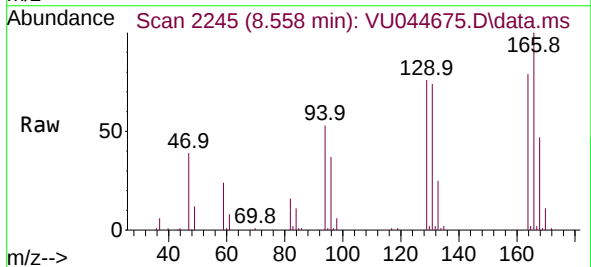
Instrument :
MSVOA_U
ClientSampleId :

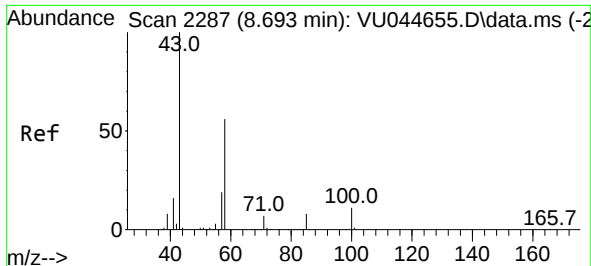
Tgt Ion:	97	Resp:	41694
Ion	Ratio	Lower	Upper
97	100		
99	60.2	44.8	83.2
83	91.9	63.6	118.0
85	56.4	40.7	75.7



#47
Tetrachloroethene
Concen: 4.899 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:	164	Resp:	33044
Ion	Ratio	Lower	Upper
164	100		
129	95.9	67.0	124.4
131	94.2	65.2	121.0
166	126.7	87.6	162.8

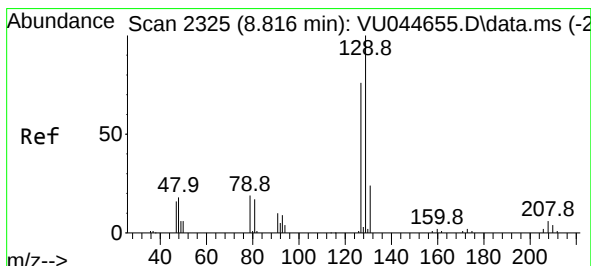
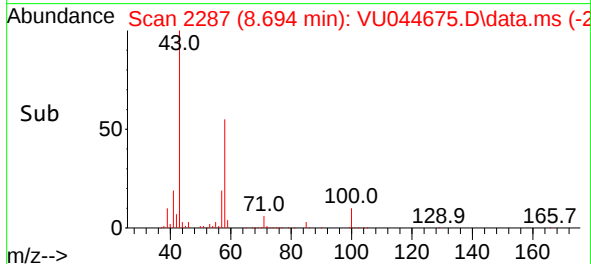
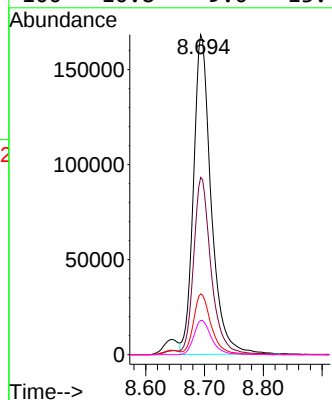
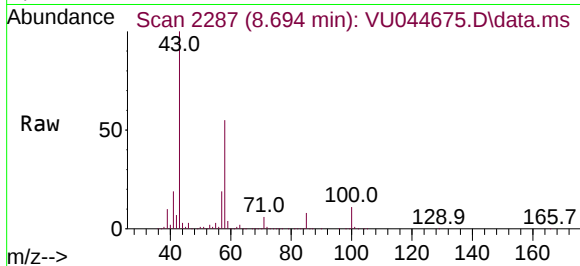




#48
2-Hexanone
Concen: 57.591 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

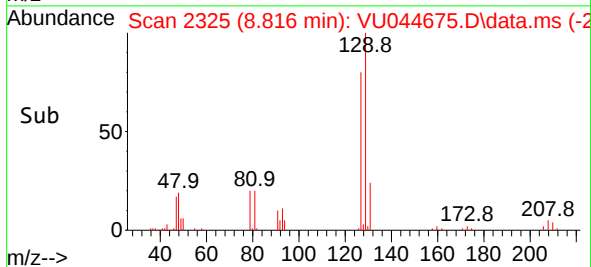
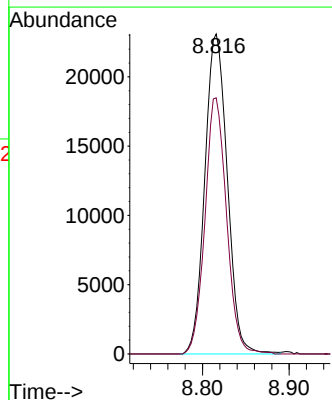
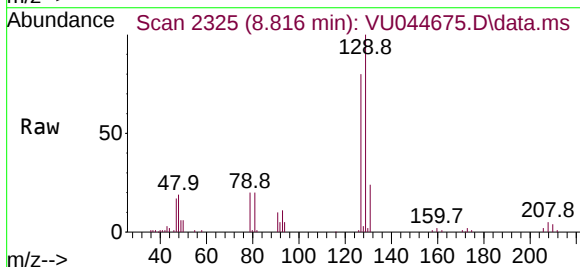
Instrument :
MSVOA_U
ClientSampled :

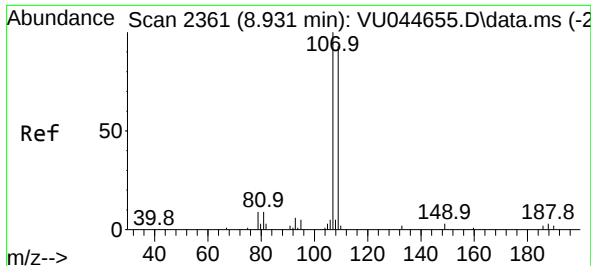
Tgt Ion:	43	Resp:	350824
Ion	Ratio	Lower	Upper
43	100		
58	55.4	44.6	66.8
57	18.8	14.8	22.2
100	10.8	9.0	13.4



#49
Dibromochloromethane
Concen: 5.311 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:	129	Resp:	41715
Ion	Ratio	Lower	Upper
129	100		
127	80.0	53.3	99.1





#50

1,2-Dibromoethane

Concen: 5.463 ug/L

RT: 8.928 min Scan# 2360

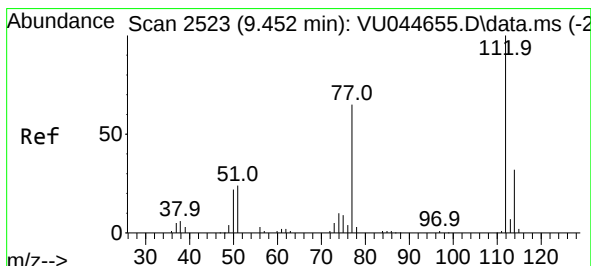
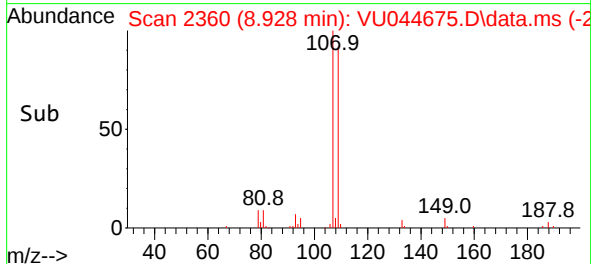
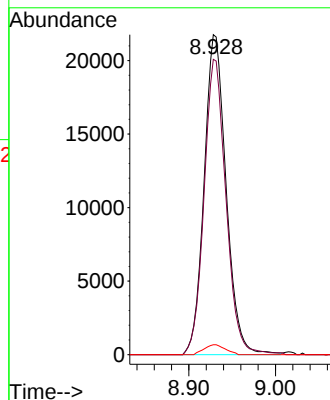
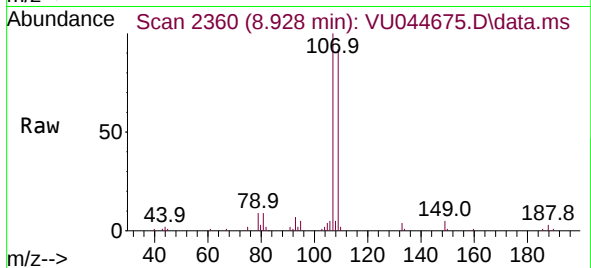
Delta R.T. -0.003 min

Lab File: VU044675.D

Acq: 16 Sep 2021 20:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	38449
Ion	Ratio	Lower	Upper
107	100		
109	92.3	65.5	121.7
188	3.1	3.0	4.4



#51

Chlorobenzene

Concen: 5.010 ug/L

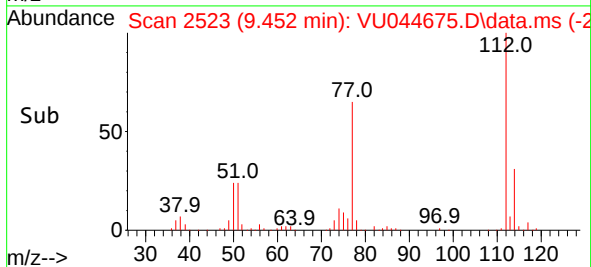
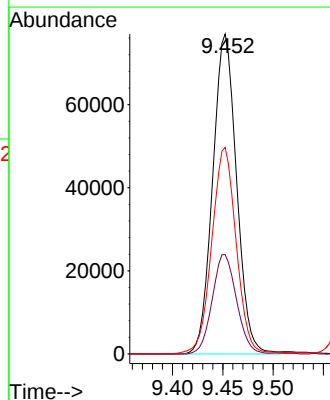
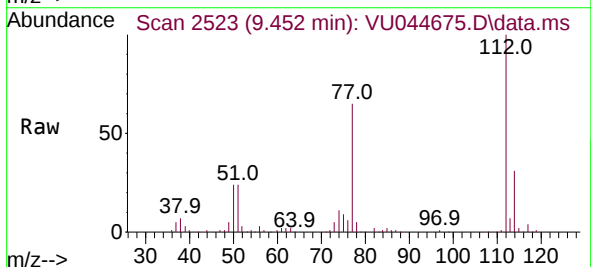
RT: 9.452 min Scan# 2523

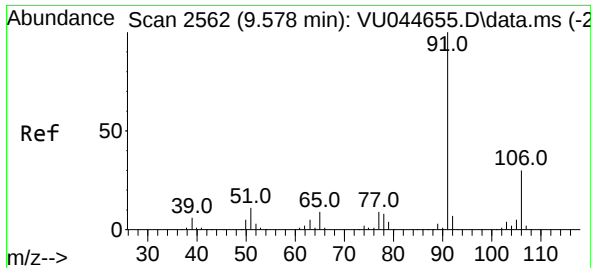
Delta R.T. 0.000 min

Lab File: VU044675.D

Acq: 16 Sep 2021 20:39

Tgt Ion:	112	Resp:	127290
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.8	42.4
77	64.5	51.4	77.0

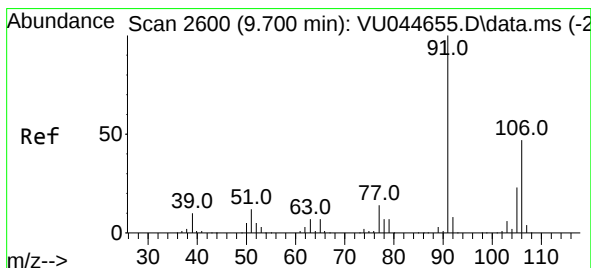
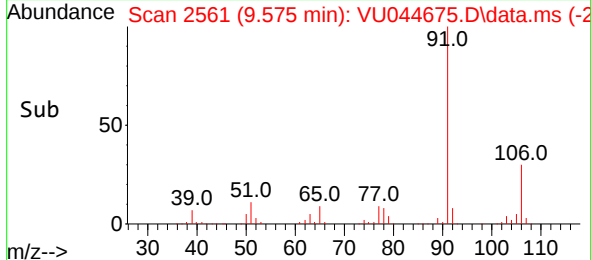
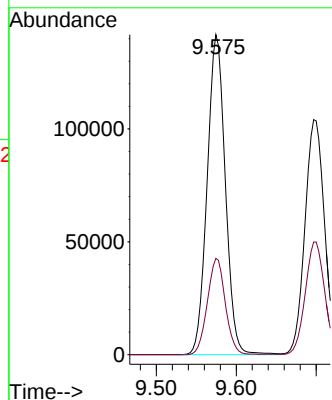
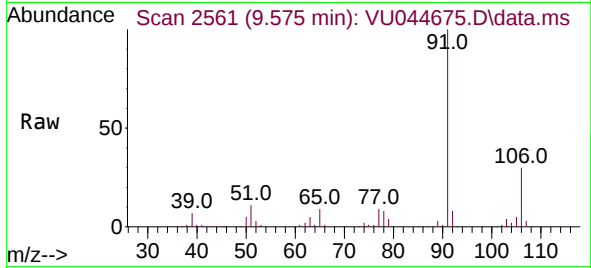




#52
Ethylbenzene
Concen: 5.048 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

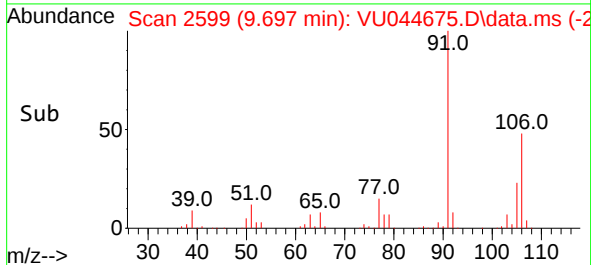
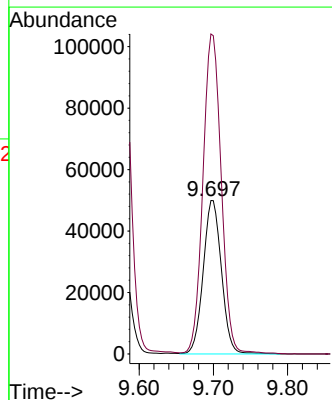
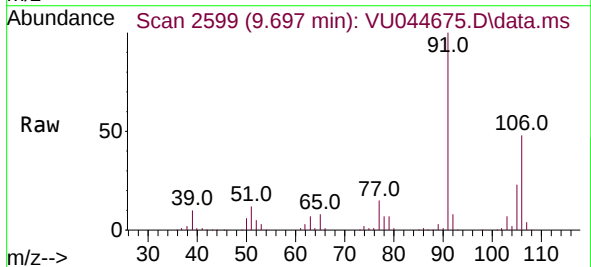
Instrument :
MSVOA_U
ClientSampleId :

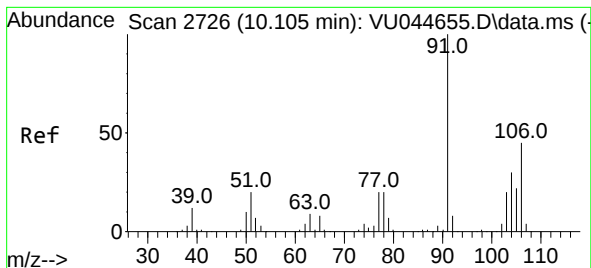
Tgt Ion: 91 Resp: 224063
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 5.042 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:106 Resp: 85103
Ion Ratio Lower Upper
106 100
91 208.6 144.6 268.6

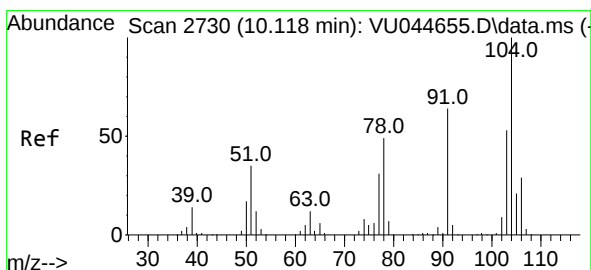
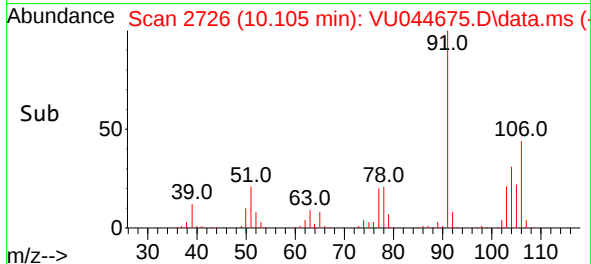
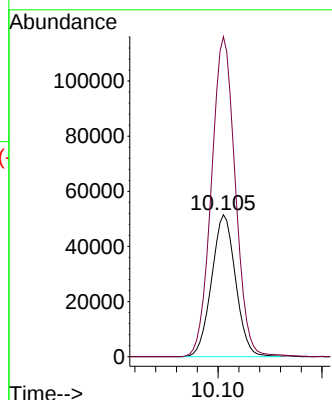
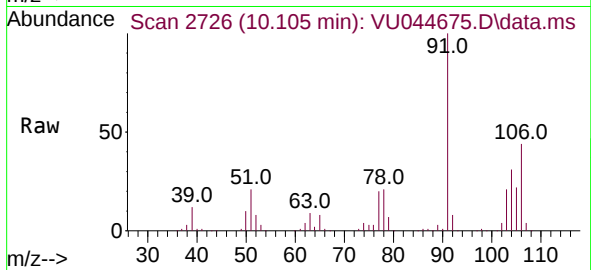




#54
o-Xylene
Concen: 5.123 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

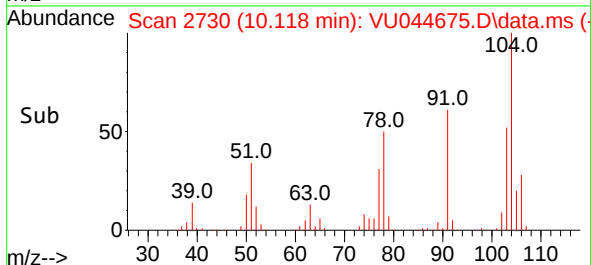
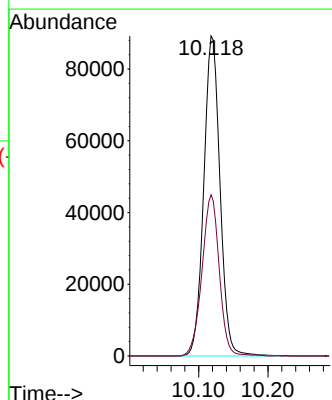
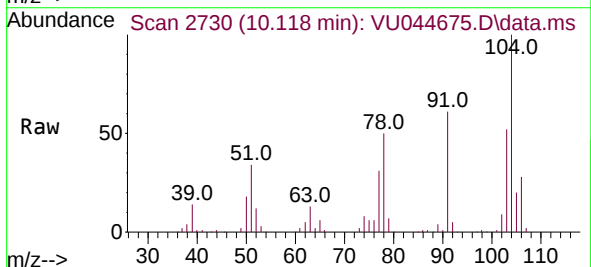
Instrument :
MSVOA_U
ClientSampleId :

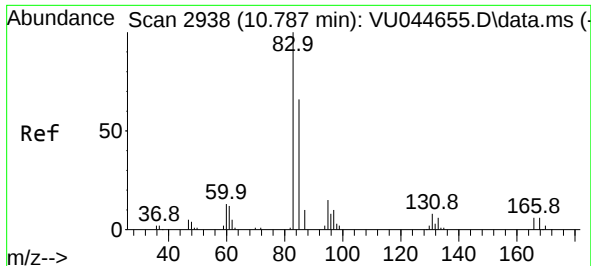
Tgt Ion:106 Resp: 82602
Ion Ratio Lower Upper
106 100
91 225.5 156.2 290.0



#55
Styrene
Concen: 5.145 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:104 Resp: 145222
Ion Ratio Lower Upper
104 100
78 50.4 33.6 62.4

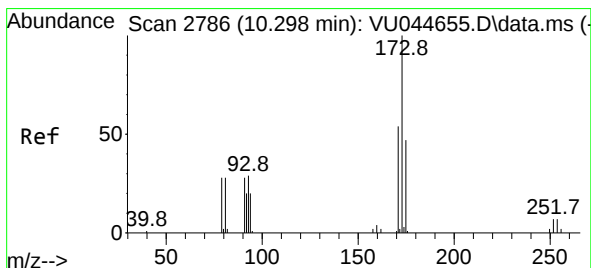
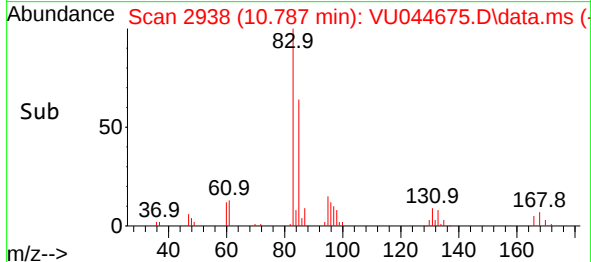
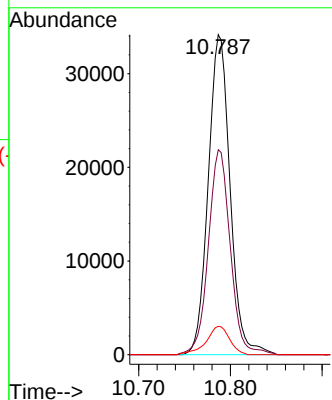
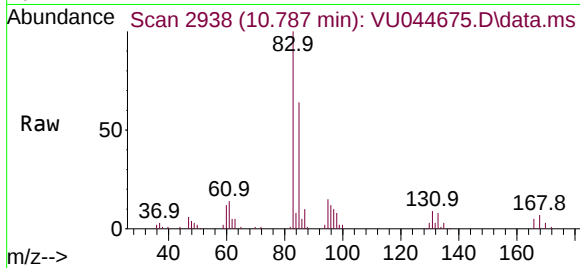




#57
1,1,2,2-Tetrachloroethane
Concen: 5.621 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

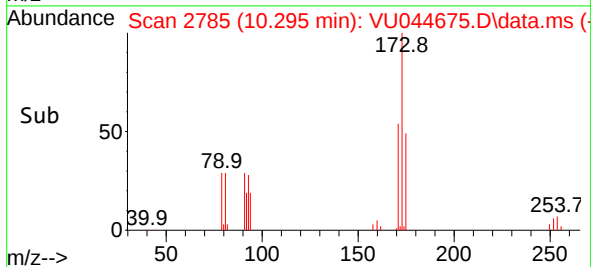
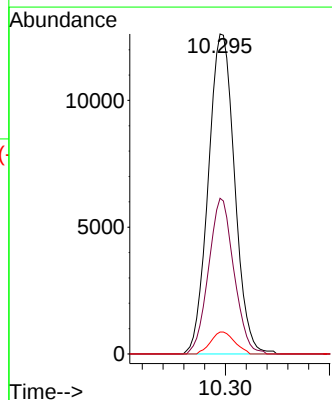
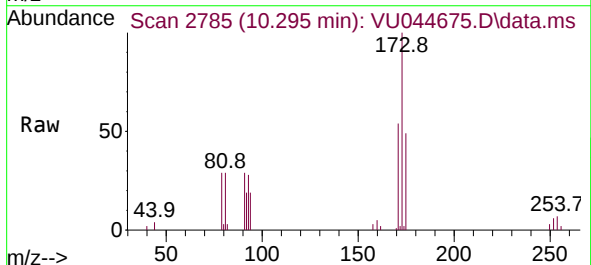
Instrument :
MSVOA_U
ClientSampleId :

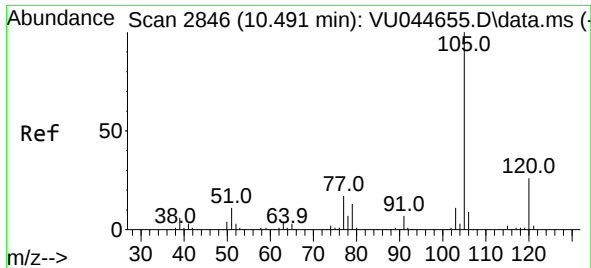
Tgt Ion:	83	Resp:	56424
Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.5	82.7
131	8.9	6.6	10.0



#59
Bromoform
Concen: 5.472 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:	173	Resp:	22174
Ion	Ratio	Lower	Upper
173	100		
175	46.8	38.8	58.2
254	6.2	4.9	7.3

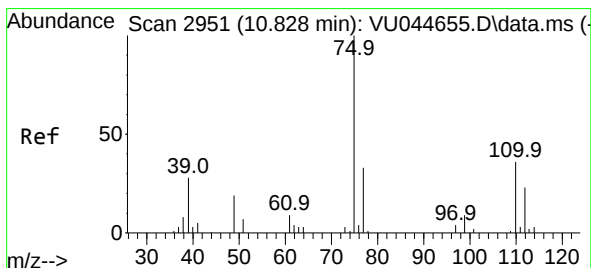
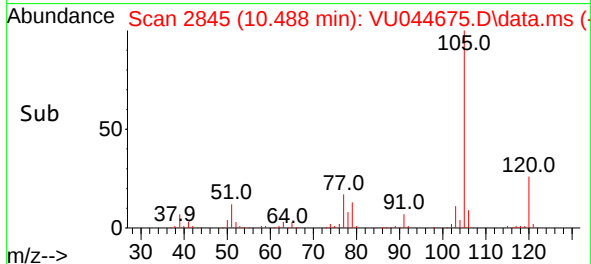
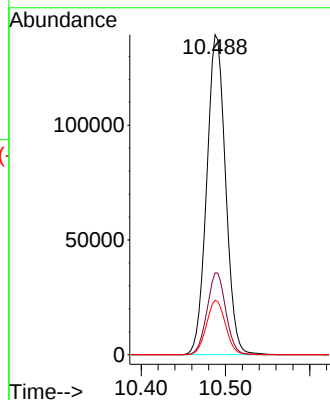
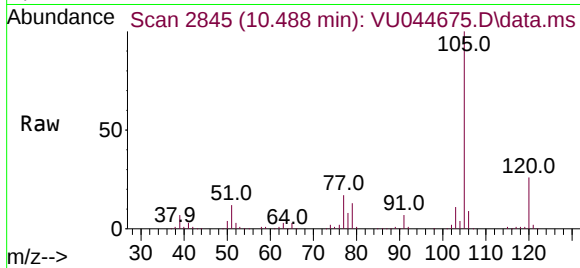




#60
Isopropylbenzene
Concen: 5.322 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

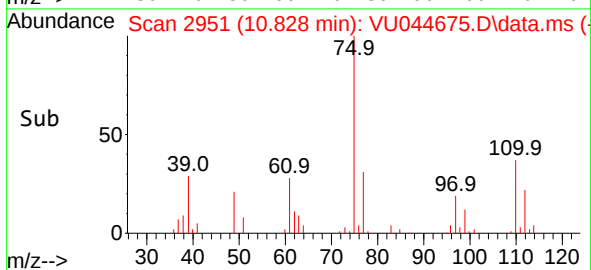
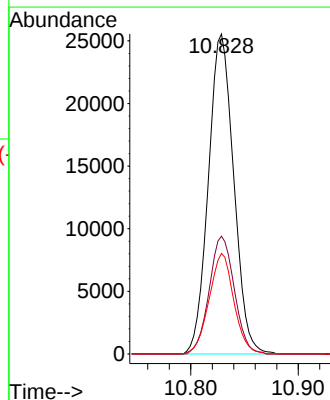
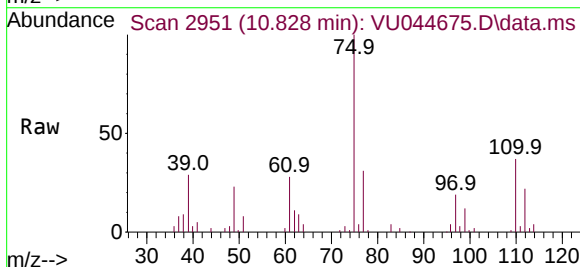
Instrument :
MSVOA_U
ClientSampleId :

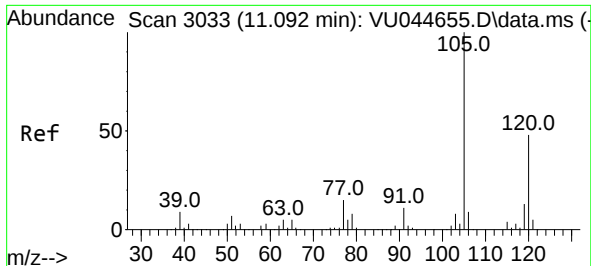
Tgt Ion:	105	Resp:	217214
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.2	30.2
77	17.1	13.6	20.4



#61
1,2,3-Trichloropropane
Concen: 5.802 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:	75	Resp:	41799
Ion Ratio	Lower	Upper	
75	100		
110	36.4	28.8	43.2
77	30.6	25.9	38.9

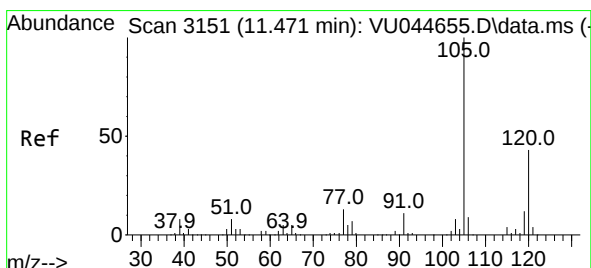
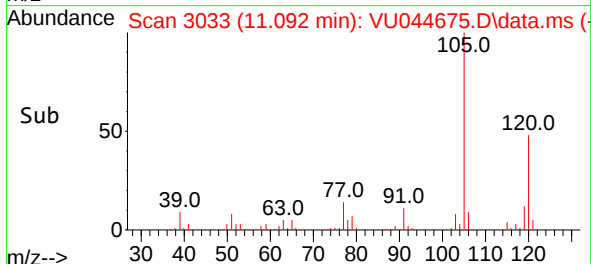
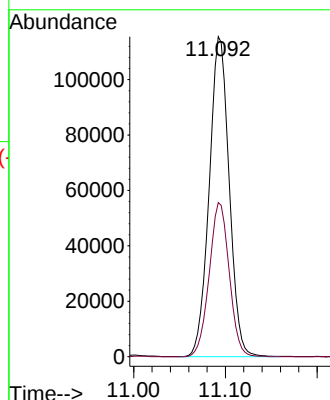
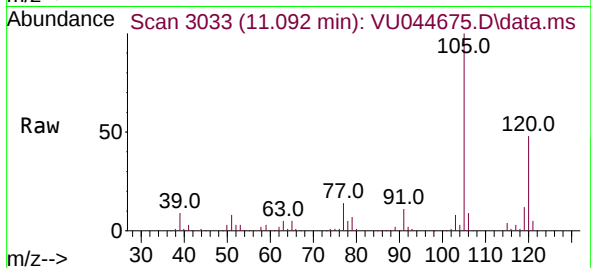




#62
1,3,5-Trimethylbenzene
Concen: 5.154 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

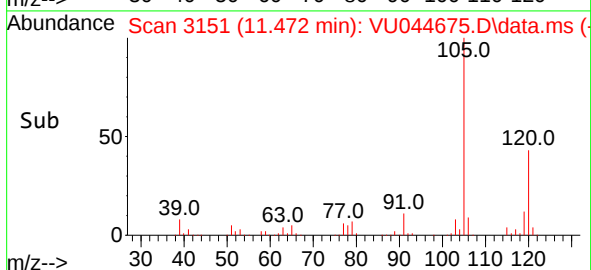
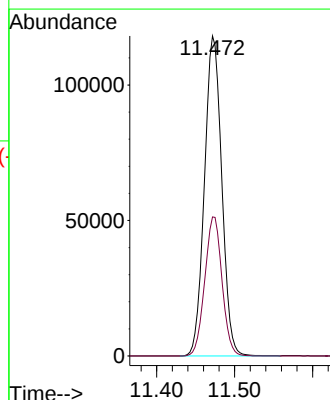
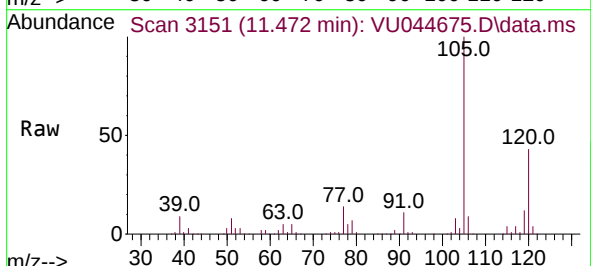
Instrument :
MSVOA_U
ClientSampleId :

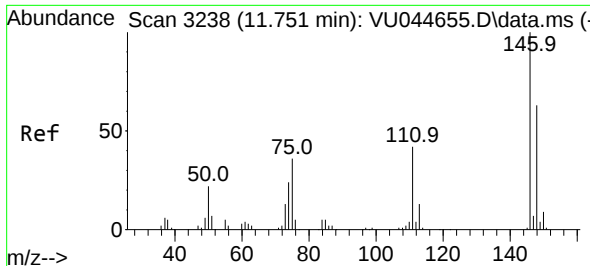
Tgt Ion:105 Resp: 174705
Ion Ratio Lower Upper
105 100
120 48.2 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 5.248 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:105 Resp: 182688
Ion Ratio Lower Upper
105 100
120 43.2 35.4 53.2

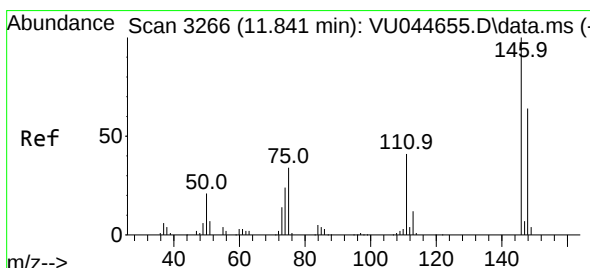
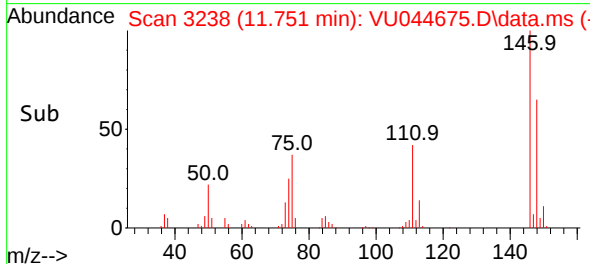
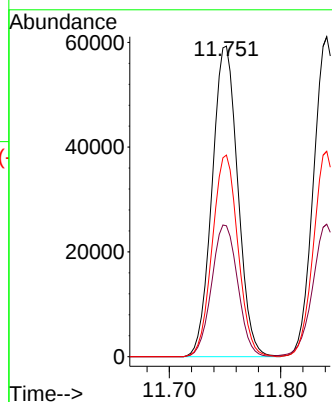
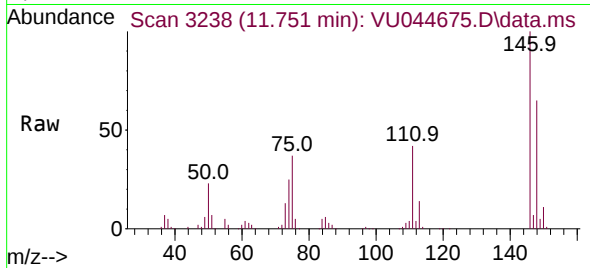




#64
1,3-Dichlorobenzene
Concen: 5.007 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

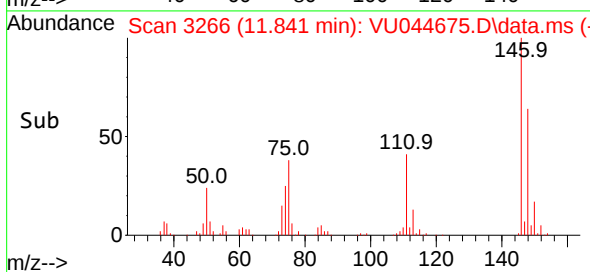
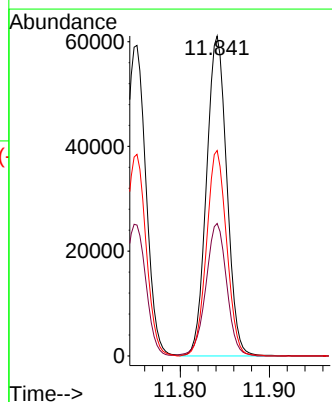
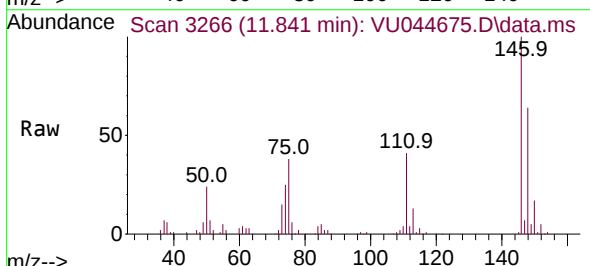
Instrument :
MSVOA_U
ClientSampleId :

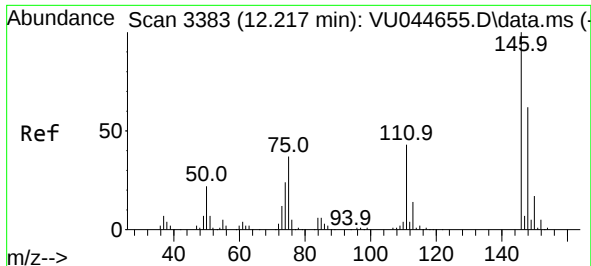
Tgt Ion:146 Resp: 95285
Ion Ratio Lower Upper
146 100
111 42.2 29.8 55.4
148 64.9 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.923 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:146 Resp: 96648
Ion Ratio Lower Upper
146 100
111 41.4 28.7 53.3
148 64.2 45.4 84.4

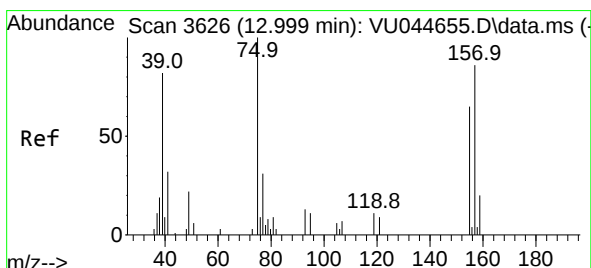
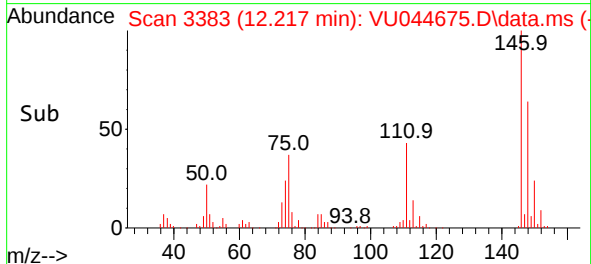
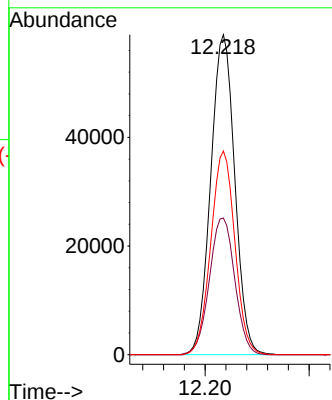
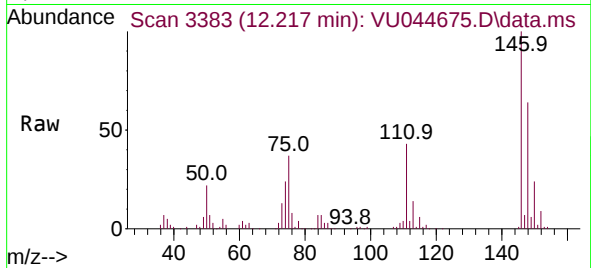




#67
1,2-Dichlorobenzene
Concen: 5.230 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

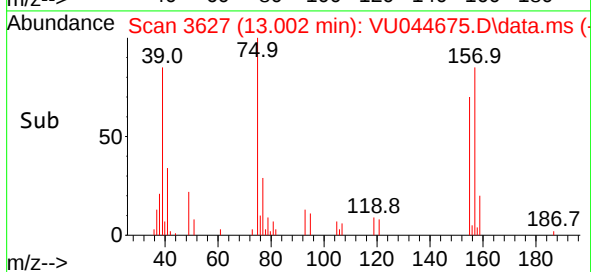
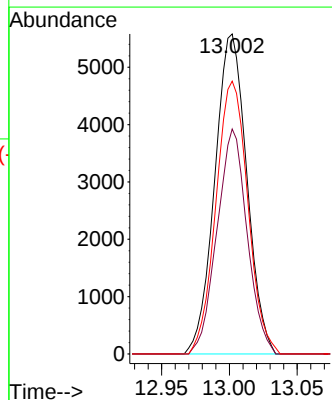
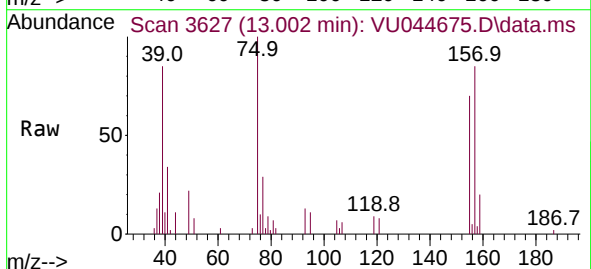
Instrument :
MSVOA_U
ClientSampleId :

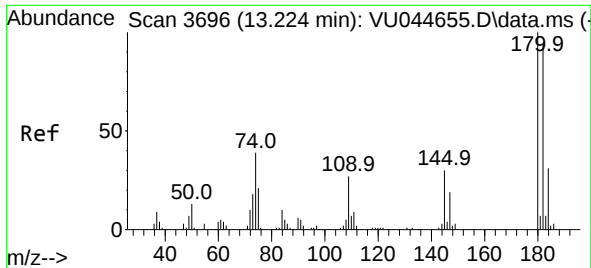
Tgt Ion:146 Resp: 94471
Ion Ratio Lower Upper
146 100
111 42.7 34.6 51.8
148 63.6 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.788 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion: 75 Resp: 9170
Ion Ratio Lower Upper
75 100
155 70.3 54.0 81.0
157 85.3 65.4 98.2

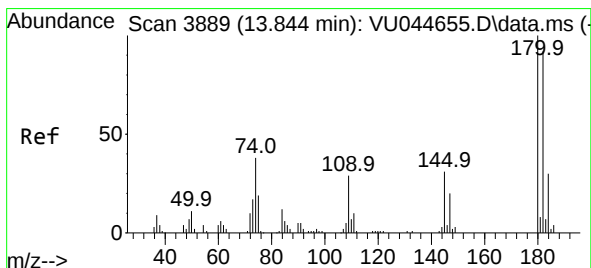
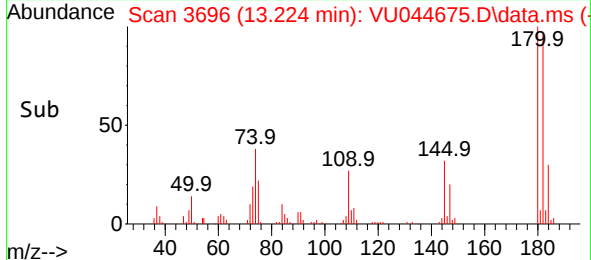
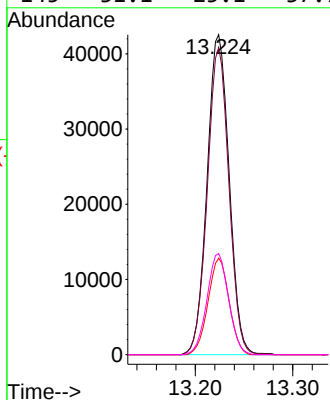
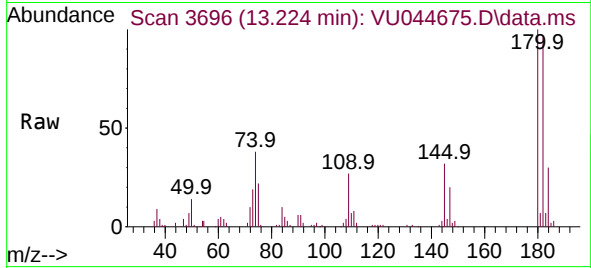




#69
1,3,5-Trichlorobenzene
Concen: 4.624 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

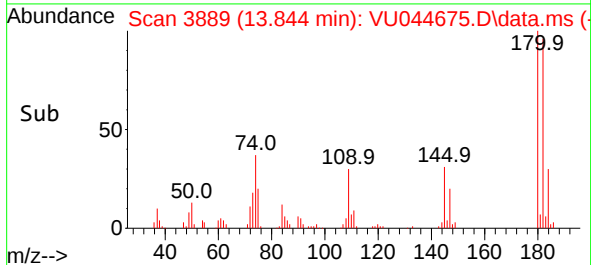
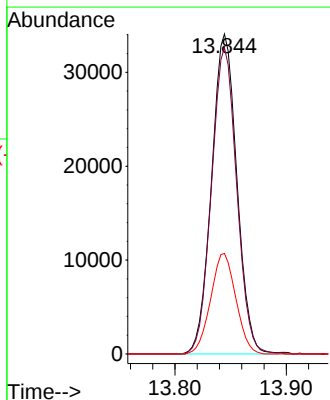
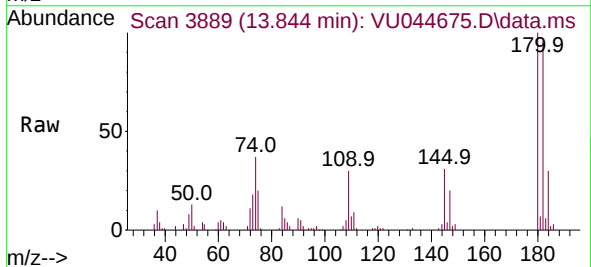
Instrument :
MSVOA_U
ClientSampleId :

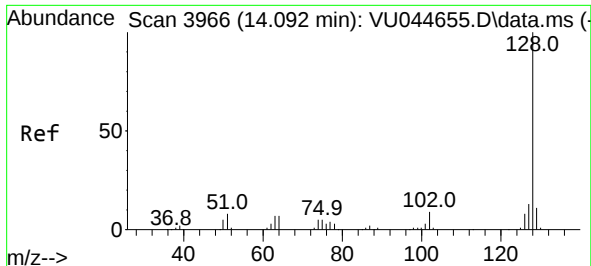
Tgt Ion:180 Resp: 66896
Ion Ratio Lower Upper
180 100
182 94.0 76.9 115.3
184 28.8 24.1 36.1
145 31.1 25.1 37.7



#70
1,2,4-trichlorobenzene
Concen: 4.410 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:180 Resp: 53810
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.0
145 31.3 25.2 37.8

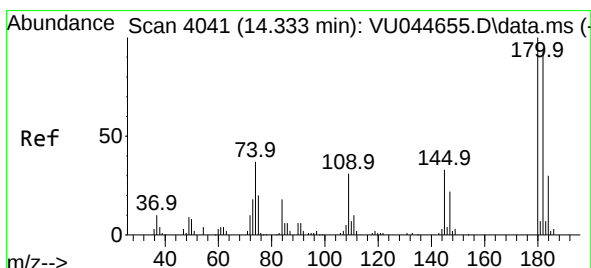
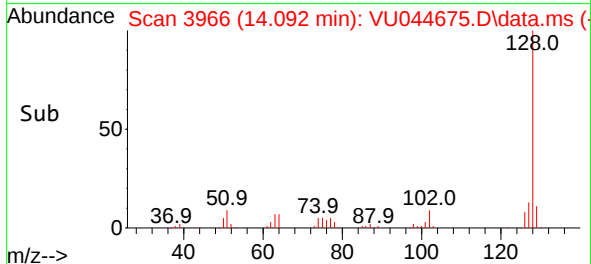
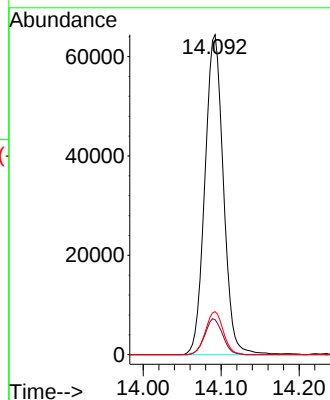
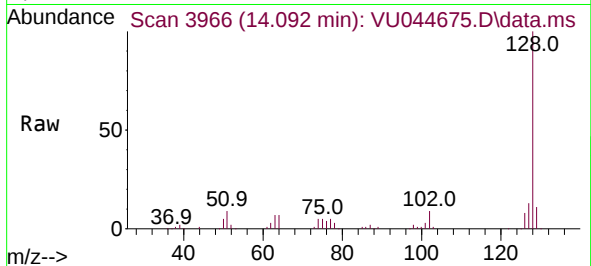




#71
Naphthalene
Concen: 4.457 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 106106
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.638 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044675.D
Acq: 16 Sep 2021 20:39

Tgt Ion:180 Resp: 52100
Ion Ratio Lower Upper
180 100
182 94.7 75.9 113.9
145 33.9 27.0 40.6

