

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044634.D
 Acq On : 14 Sep 2021 18:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 01:45:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	145974	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	149345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	78126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33677	3.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.919	69	36799	4.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.572	65	17512	4.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.639	46	169472	46.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.880%
24) Chloroform-d	5.070	84	81765	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.710	65	48731	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.735	84	161271	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.697	67	55371	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.903	98	140890	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.185	79	18806	4.266	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.642	63	130131	45.930	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.860%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	49564	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	51809	4.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56427	4.847	ug/L	98
3) Chloromethane	1.520	50	68246	4.877	ug/L	100
5) Vinyl chloride	1.607	62	68360	4.789	ug/L	95
6) Bromomethane	1.861	94	34778	4.755	ug/L	98
8) Chloroethane	1.938	64	44979	4.944	ug/L	97
9) Trichlorofluoromethane	2.144	101	80635	5.017	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49473	5.014	ug/L	99
12) 1,1-Dichloroethene	2.588	96	44885	4.786	ug/L	91
13) Acetone	2.646	43	110884	47.153	ug/L	84
14) Carbon disulfide	2.800	76	136118	4.585	ug/L	99
15) Methyl Acetate	2.961	43	26007	6.125	ug/L	93
16) Methylene chloride	3.054	84	59073	3.961	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	132266	5.103	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	48313	4.846	ug/L	97
19) 1,1-Dichloroethane	3.880	63	99845	4.954	ug/L	99
21) 2-Butanone	4.719	43	188865	48.100	ug/L	83
22) cis-1,2-Dichloroethene	4.674	96	54399	4.950	ug/L	98
23) Bromochloromethane	4.983	128	24021	5.159	ug/L	96
25) Chloroform	5.096	83	106159	4.943	ug/L	98

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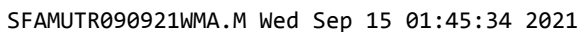
Instrument :
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 ClientSampleId :

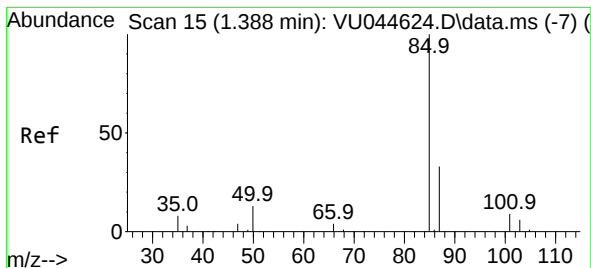
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	71916	5.114	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	80932	4.973	ug/L	99
30) Cyclohexane	5.395	56	86086	4.619	ug/L	98
31) Carbon tetrachloride	5.533	117	62108	4.877	ug/L	100
33) Benzene	5.780	78	217750	4.913	ug/L	100
34) Trichloroethene	6.549	95	53493	4.875	ug/L	99
35) Methylcyclohexane	6.771	83	84411	4.681	ug/L	98
37) 1,2-Dichloropropane	6.796	63	60348	5.081	ug/L	100
38) Bromodichloromethane	7.112	83	71531	4.967	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	79466	4.723	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	454778	49.193	ug/L	100
42) Toluene	7.973	91	229183	4.951	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	70143	4.885	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	42079	4.983	ug/L	99
47) Tetrachloroethene	8.558	164	37637	4.940	ug/L	98
48) 2-Hexanone	8.694	43	333532	48.470	ug/L	98
49) Dibromochloromethane	8.816	129	44199	4.982	ug/L	100
50) 1,2-Dibromoethane	8.928	107	39093	4.917	ug/L	99
51) Chlorobenzene	9.452	112	139300	4.854	ug/L	99
52) Ethylbenzene	9.575	91	242220	4.831	ug/L	100
53) m,p-Xylene	9.700	106	92228	4.837	ug/L	98
54) o-Xylene	10.105	106	89202	4.897	ug/L	99
55) Styrene	10.118	104	157696	4.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	56524	4.985	ug/L	97
59) Bromoform	10.295	173	23589	4.858	ug/L	99
60) Isopropylbenzene	10.488	105	234067	4.786	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	41670	4.827	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	194152	4.780	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	202374	4.852	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	107401	4.710	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	109157	4.640	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	102943	4.756	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	8856	4.665	ug/L	92
69) 1,3,5-Trichlorobenzene	13.224	180	78910	4.552	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	64292	4.397	ug/L	99
71) Naphthalene	14.092	128	113354	3.974	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	59308	4.406	ug/L	100

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

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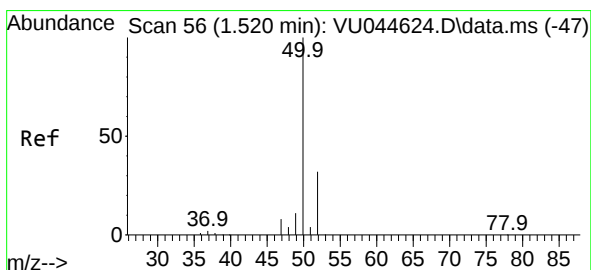
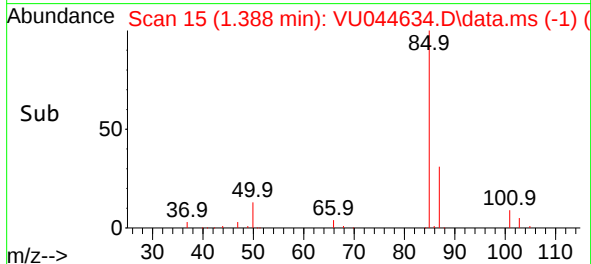
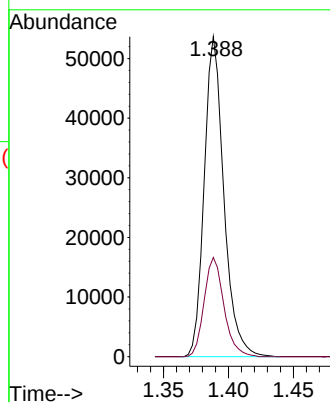
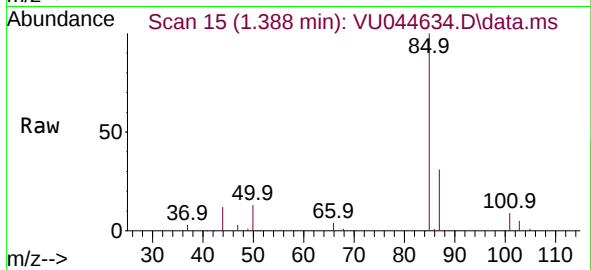




#2
Dichlorodifluoromethane
Concen: 4.847 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

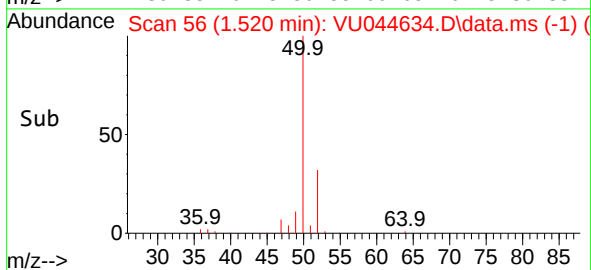
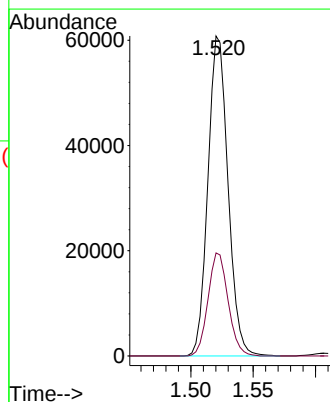
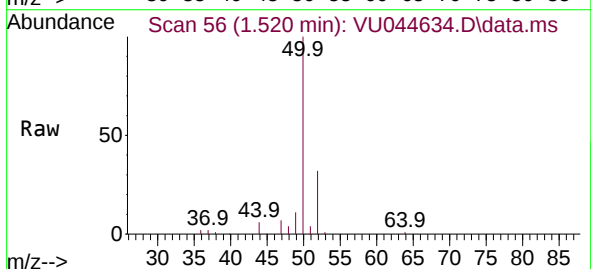
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MSVOA_U
ClientSampled :

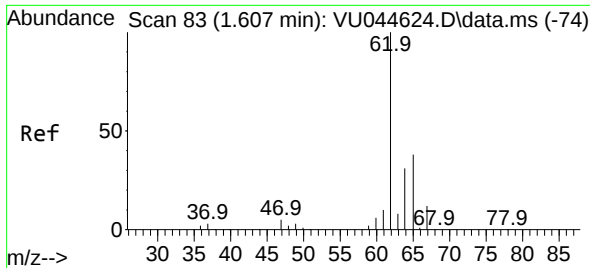
Tgt Ion: 85 Resp: 56427
Ion Ratio Lower Upper
85 100
87 31.3 26.0 39.0



#3
Chloromethane
Concen: 4.877 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 50 Resp: 68246
Ion Ratio Lower Upper
50 100
52 32.2 22.6 42.0

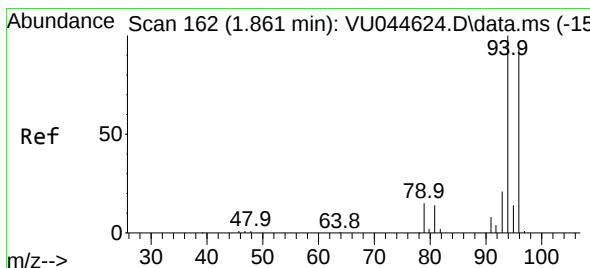
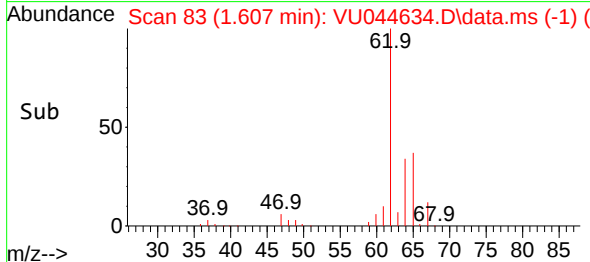
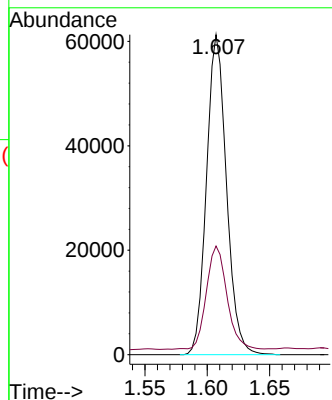
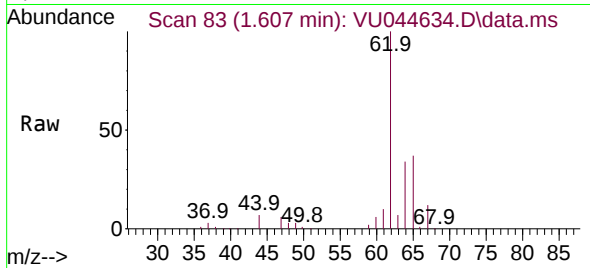




#5
 Vinyl chloride
 Concen: 4.789 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044634.D
 Acq: 14 Sep 2021 18:34

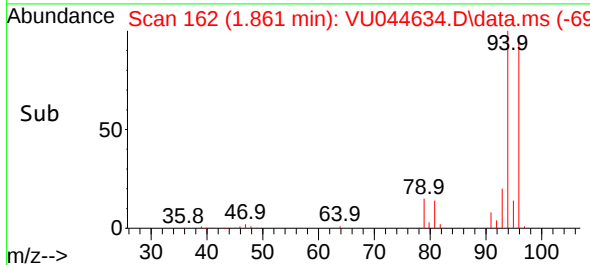
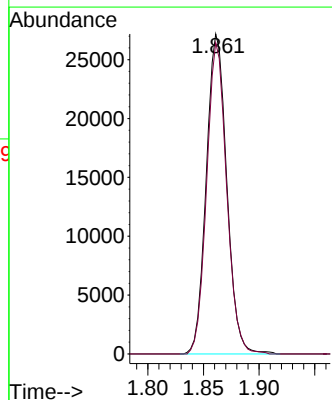
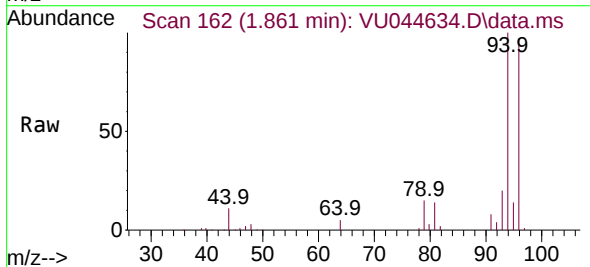
Instrument :
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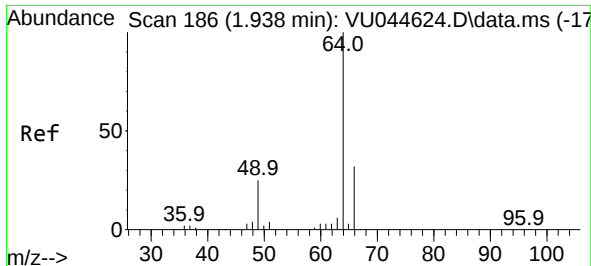
Tgt Ion: 62 Resp: 68360
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.0 40.8



#6
 Bromomethane
 Concen: 4.755 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044634.D
 Acq: 14 Sep 2021 18:34

Tgt Ion: 94 Resp: 34778
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.4 123.4

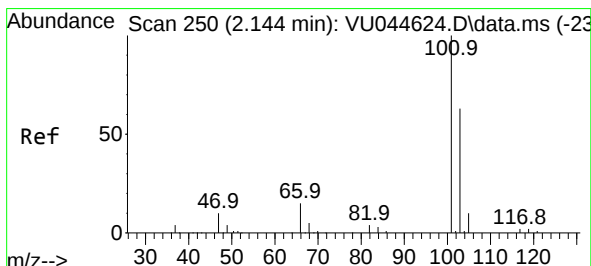
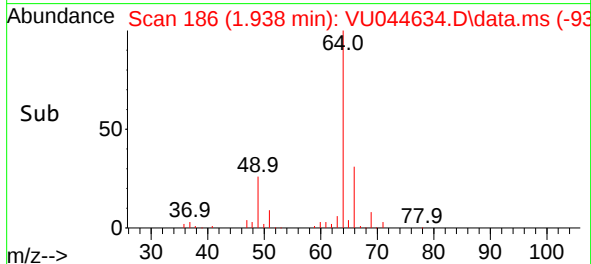
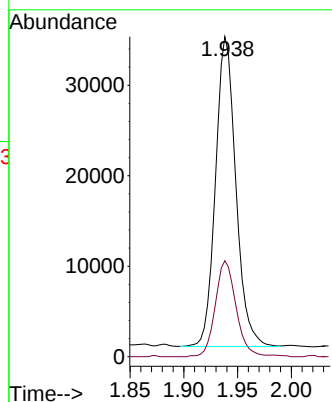
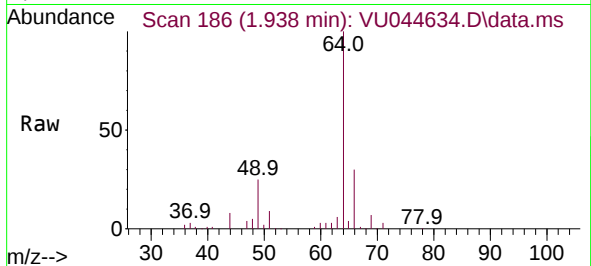




#8
Chloroethane
Concen: 4.944 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

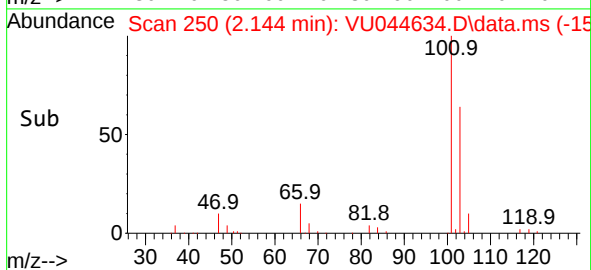
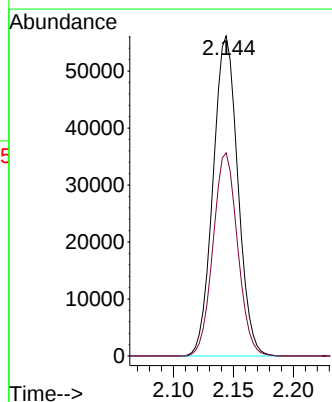
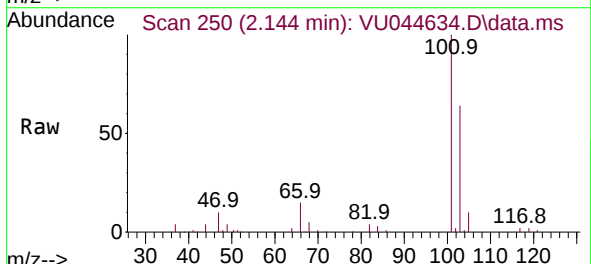
Instrument :
MSVOA_U
ClientSampled :

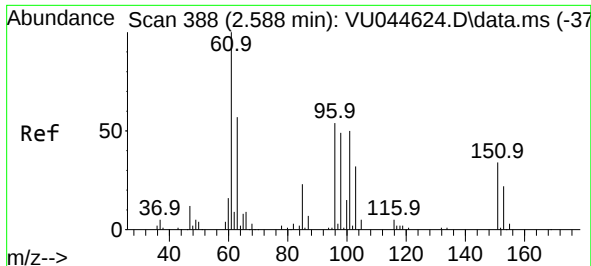
Tgt Ion: 64 Resp: 44979
Ion Ratio Lower Upper
64 100
66 30.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.017 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 101 Resp: 80635
Ion Ratio Lower Upper
101 100
103 62.8 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.014 ug/L

RT: 2.588 min Scan# 388

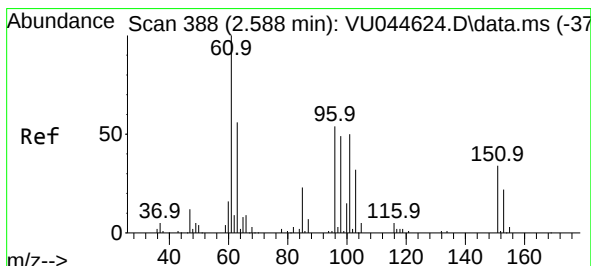
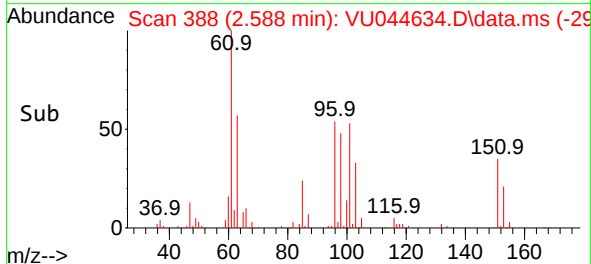
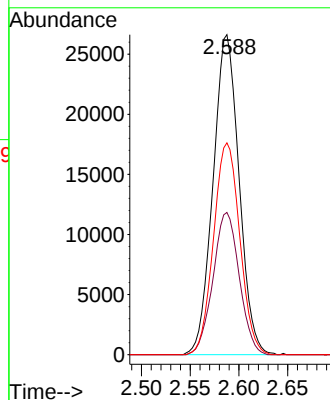
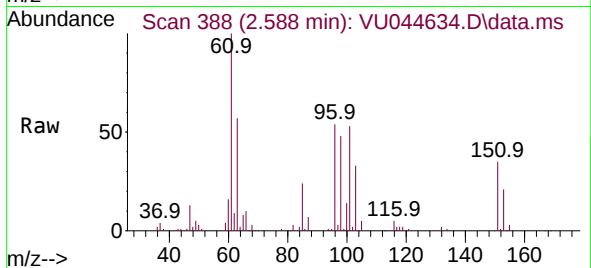
Delta R.T. 0.000 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

Tgt Ion:	101	Resp:	49473
Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.4	53.2
151	66.8	53.9	80.9

Instrument :
MSVOA_U
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 4.786 ug/L

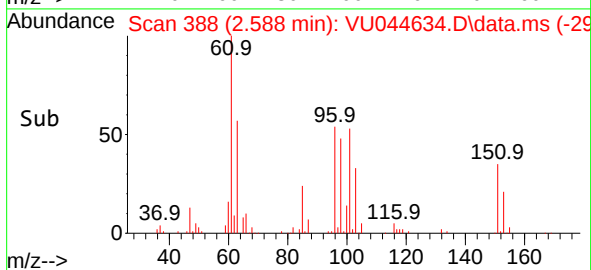
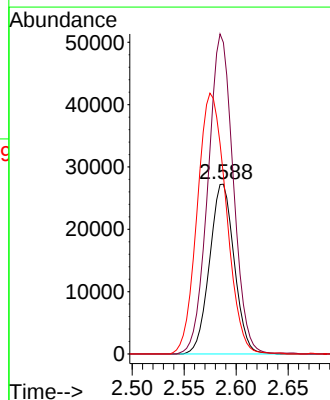
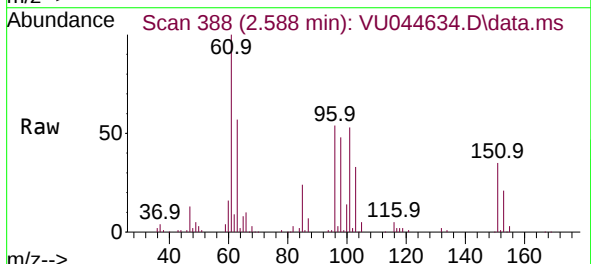
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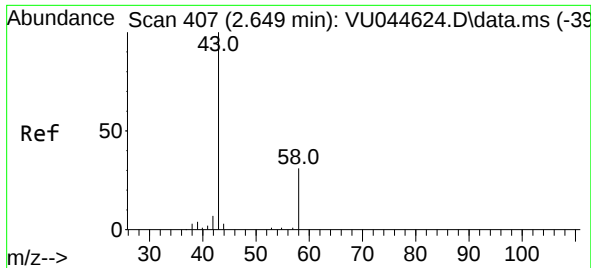
Delta R.T. 0.000 min

Lab File: VU044634.D

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Tgt Ion:	96	Resp:	44885
Ion	Ratio	Lower	Upper
96	100		
61	183.5	129.3	240.1
63	105.2	91.3	169.5

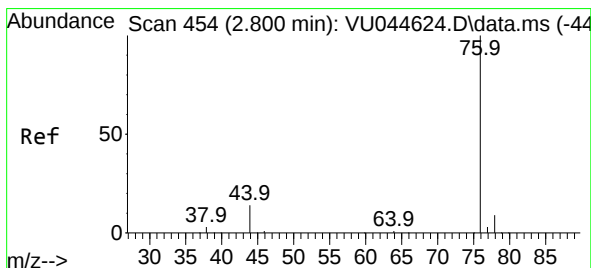
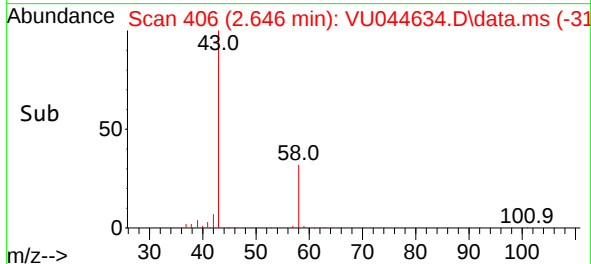
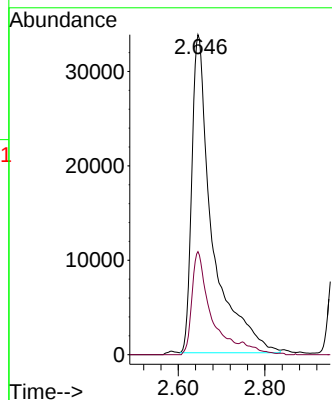
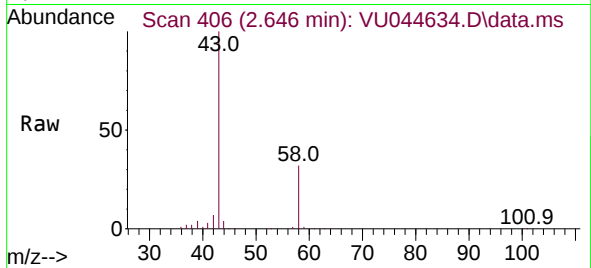




#13
Acetone
Concen: 47.153 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

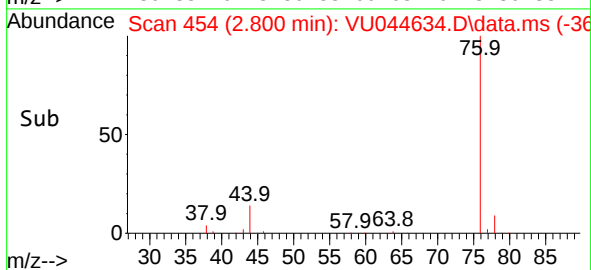
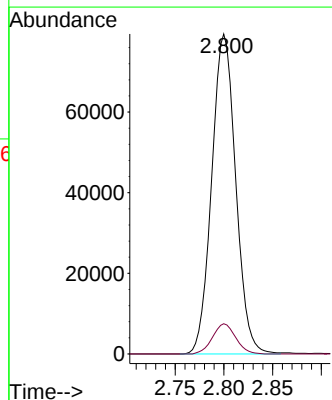
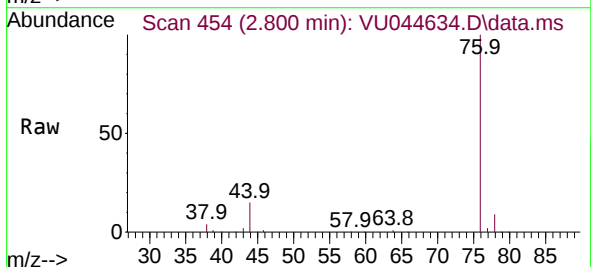
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ClientSampleId :

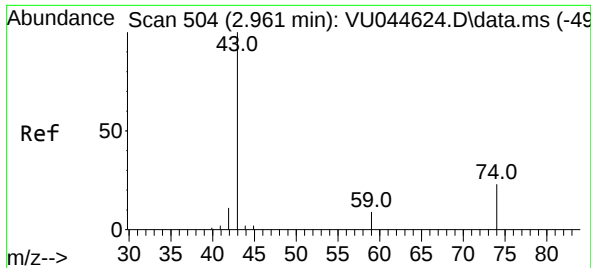
Tgt Ion: 43 Resp: 110884
Ion Ratio Lower Upper
43 100
58 28.8 0.0 42.4



#14
Carbon disulfide
Concen: 4.585 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 76 Resp: 136118
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

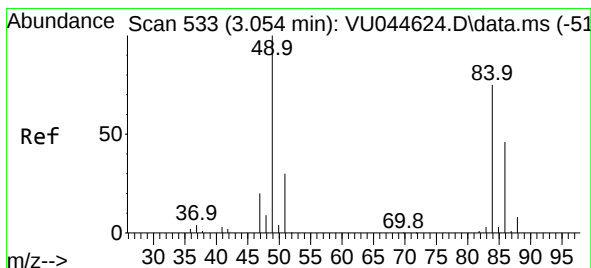
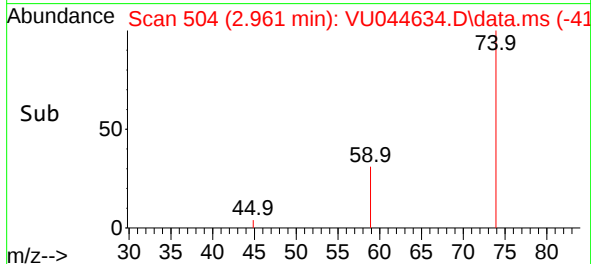
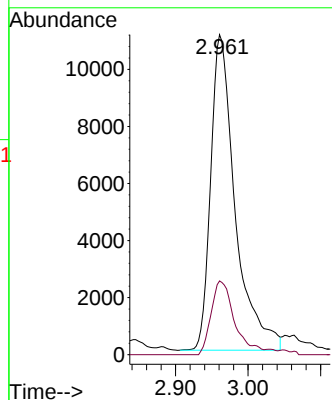
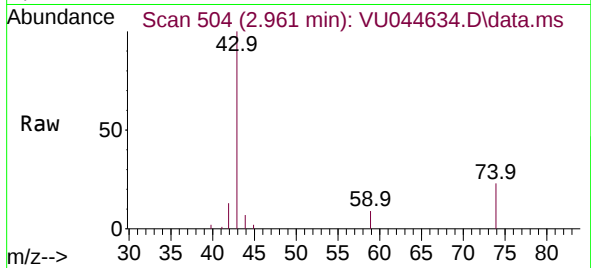




#15
Methyl Acetate
Concen: 6.125 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

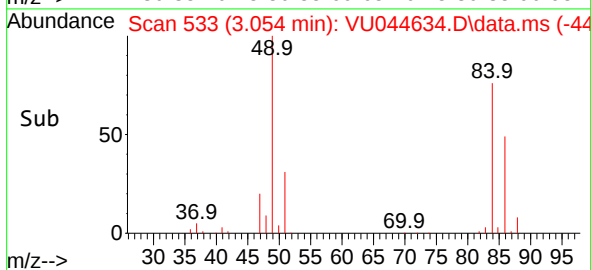
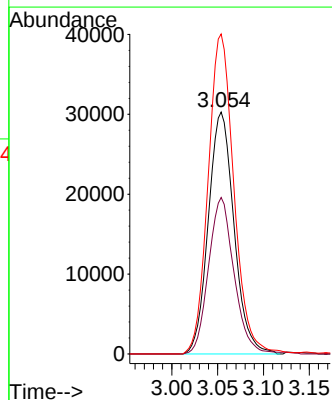
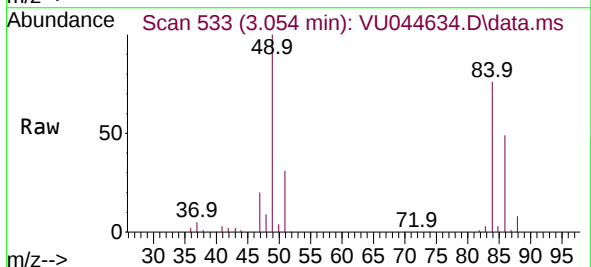
Instrument :
MSVOA_U
ClientSampled :

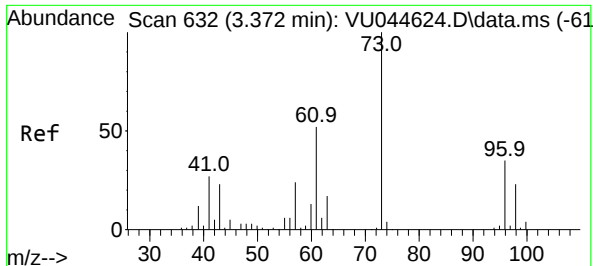
Tgt Ion: 43 Resp: 26007
Ion Ratio Lower Upper
43 100
74 22.3 20.6 30.8



#16
Methylene chloride
Concen: 3.961 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 84 Resp: 59073
Ion Ratio Lower Upper
84 100
86 64.7 45.8 85.2
49 132.3 92.9 172.5



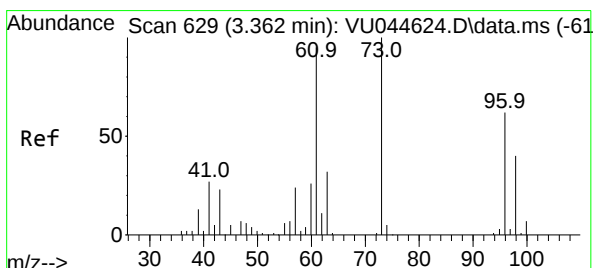
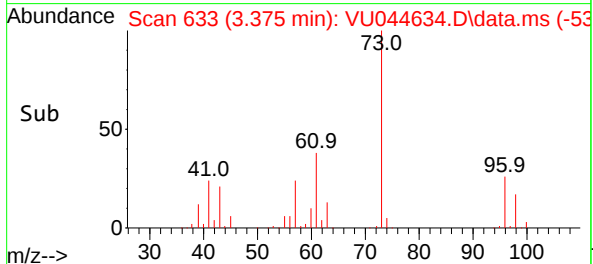
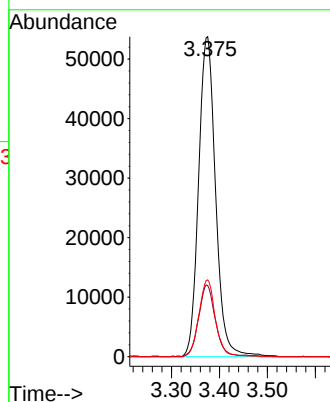
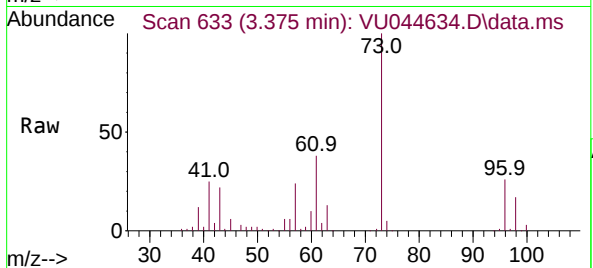


#17

Methyl tert-butyl Ether
Concen: 5.103 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Instrument :
MSVOA_U
ClientSampled :

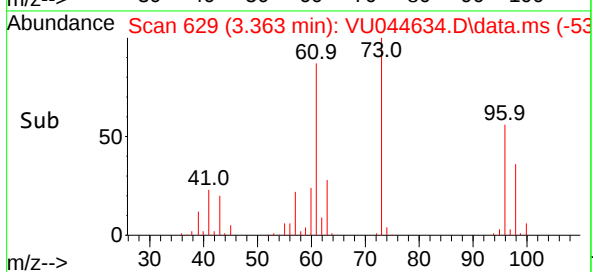
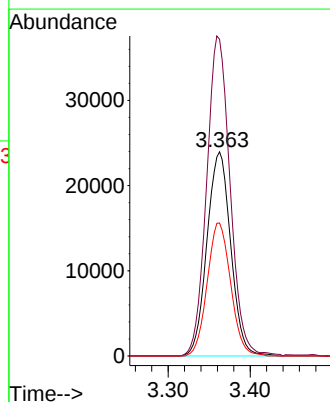
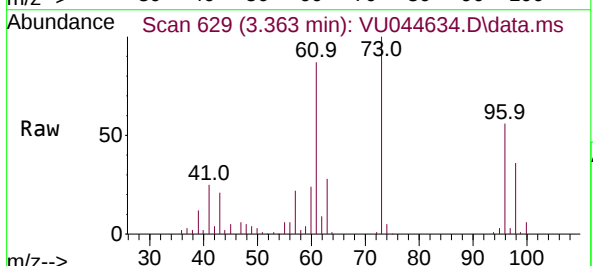
Tgt Ion: 73	Resp: 132266
Ion Ratio	Lower Upper
73 100	
43 22.0	17.8 26.6
57 23.3	18.6 27.8

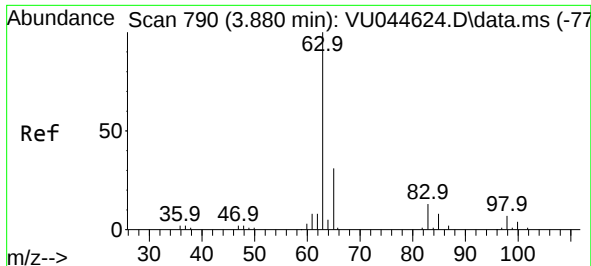


#18

trans-1,2-Dichloroethene
Concen: 4.846 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 96	Resp: 48313
Ion Ratio	Lower Upper
96 100	
61 155.1	107.2 199.0
98 65.1	42.8 79.6





#19

1,1-Dichloroethane

Concen: 4.954 ug/L

RT: 3.880 min Scan# 790

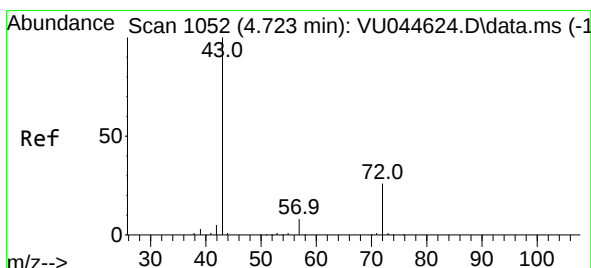
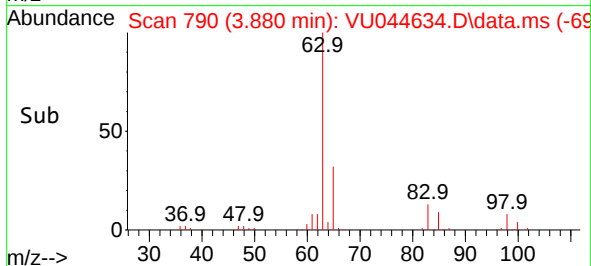
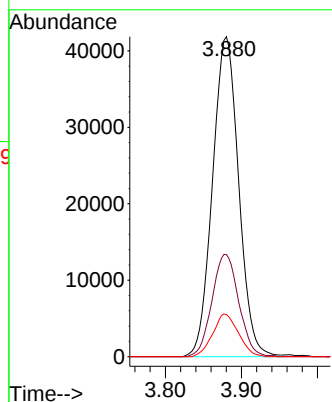
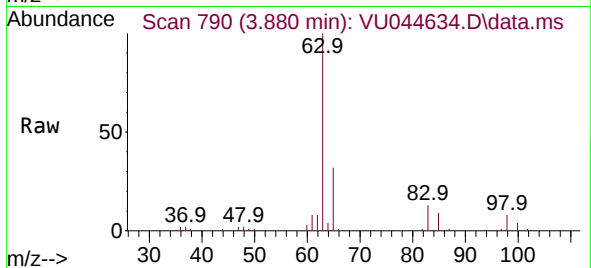
Delta R.T. 0.000 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

Tgt Ion:	63	Resp:	99845
Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.8	40.6
83	13.1	8.8	16.3

Instrument :
MSVOA_U
ClientSampleId :



#21

2-Butanone

Concen: 48.100 ug/L

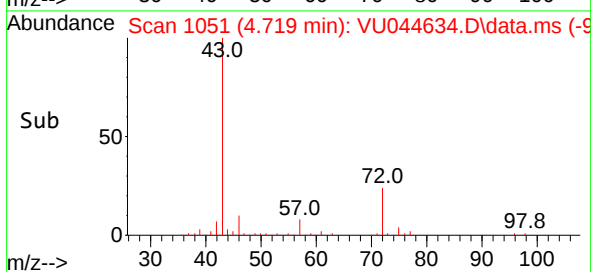
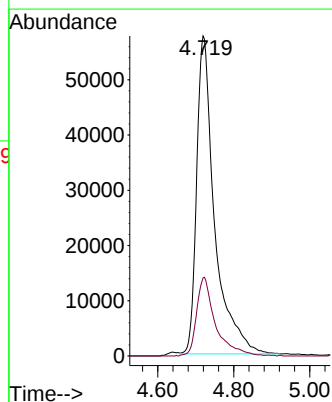
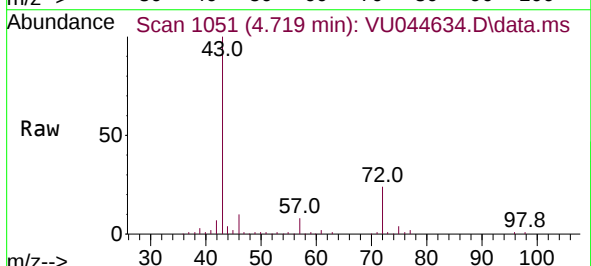
RT: 4.719 min Scan# 1051

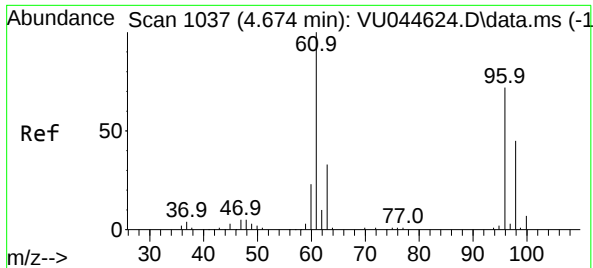
Delta R.T. -0.003 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

Tgt Ion:	43	Resp:	188865
Ion	Ratio	Lower	Upper
43	100		
72	25.9	9.2	27.4

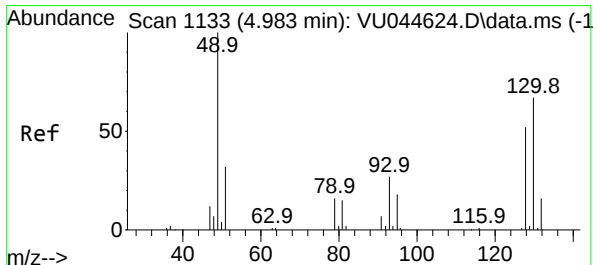
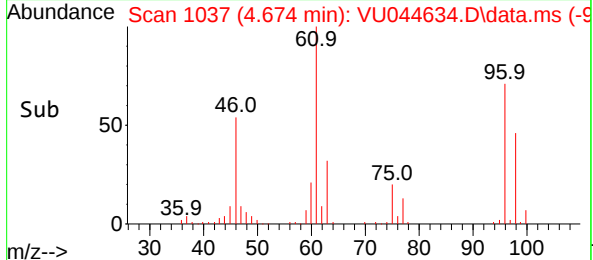
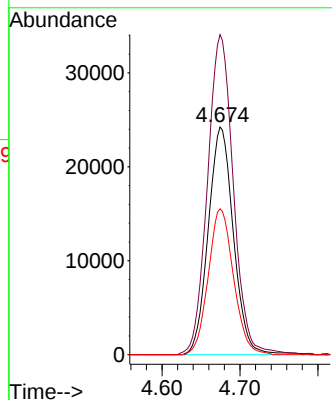
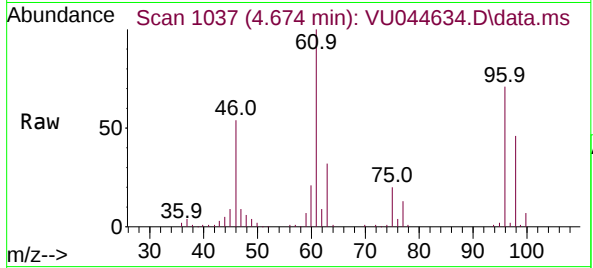




#22
 cis-1,2-Dichloroethene
 Concen: 4.950 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU044634.D
 Acq: 14 Sep 2021 18:34

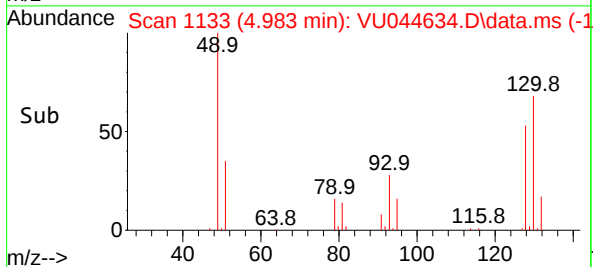
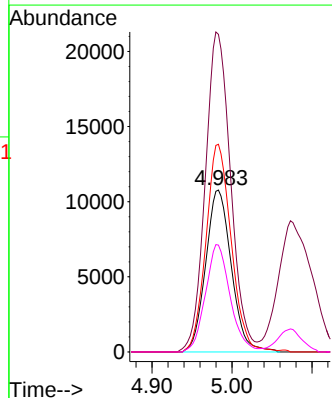
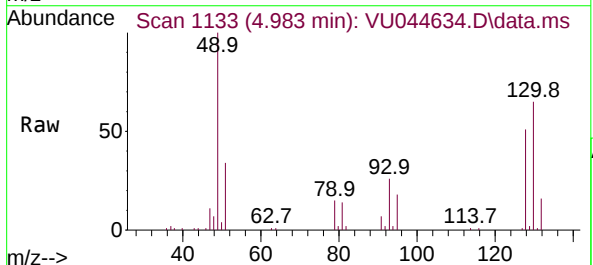
Instrument :
 MSVOA_U
 ClientSampled :

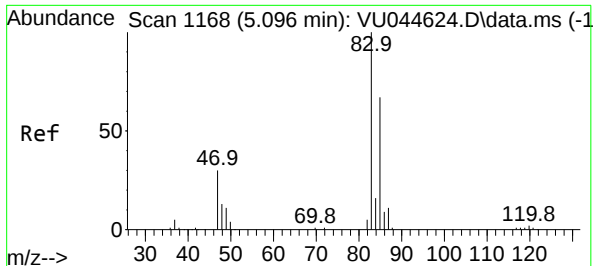
Tgt Ion:	96	Resp:	54399
Ion	Ratio	Lower	Upper
96	100		
61	140.5	96.9	179.9
98	64.1	43.5	80.7



#23
 Bromochloromethane
 Concen: 5.159 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.000 min
 Lab File: VU044634.D
 Acq: 14 Sep 2021 18:34

Tgt Ion:	128	Resp:	24021
Ion	Ratio	Lower	Upper
128	100		
49	196.2	141.4	262.6
130	128.4	94.3	175.1
51	66.1	51.4	77.0





#25

Chloroform

Concen: 4.943 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

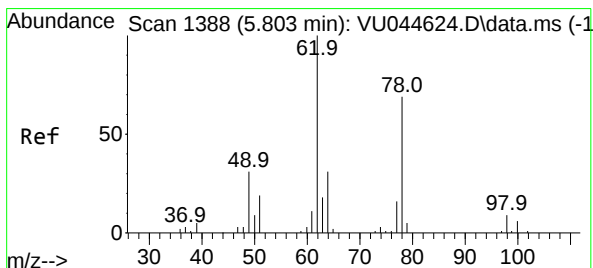
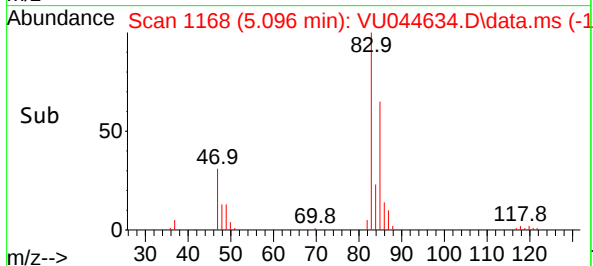
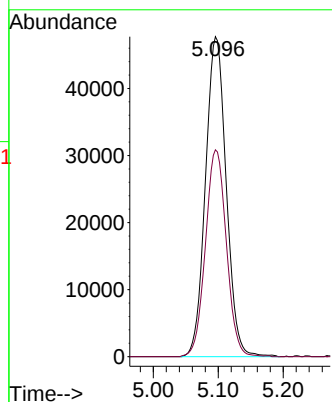
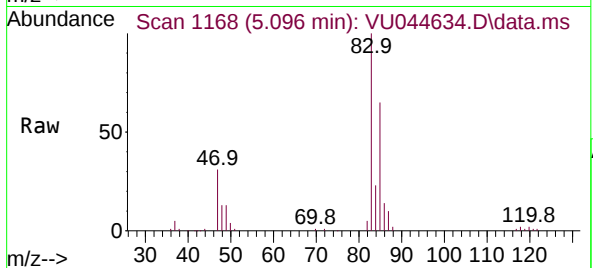
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 83 Resp: 106159

Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.0



#27

1,2-Dichloroethane

Concen: 5.114 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU044634.D

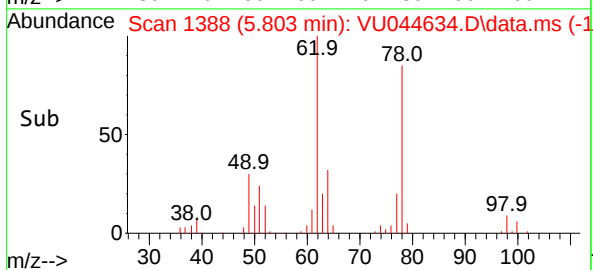
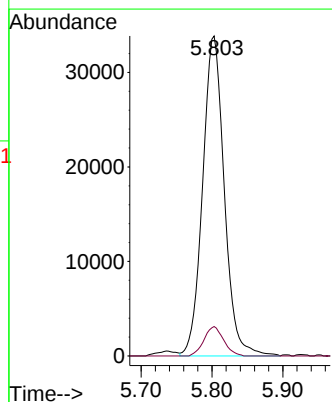
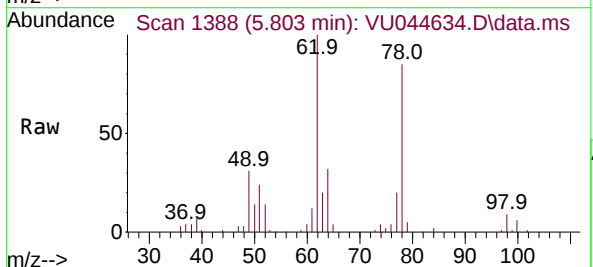
Acq: 14 Sep 2021 18:34

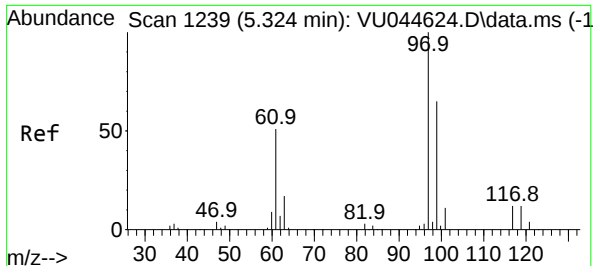
Tgt Ion: 62 Resp: 71916

Ion Ratio Lower Upper

62 100

98 9.2 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 4.973 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

Tgt Ion: 97 Resp: 80932

Ion Ratio Lower Upper

97 100

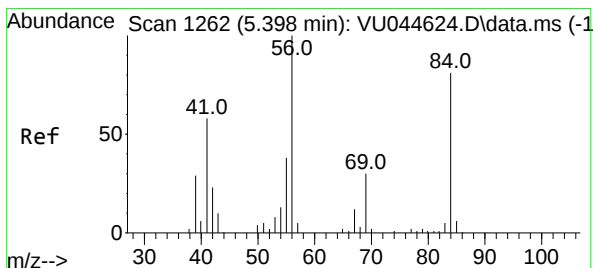
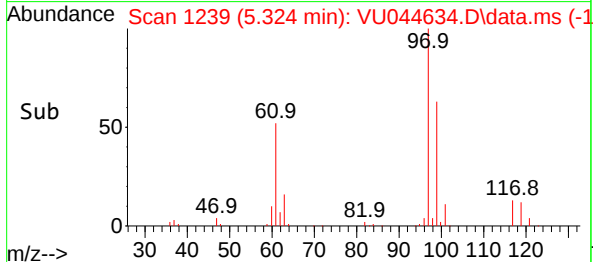
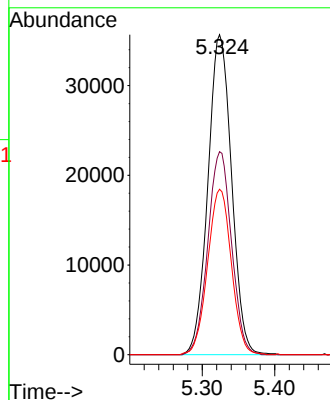
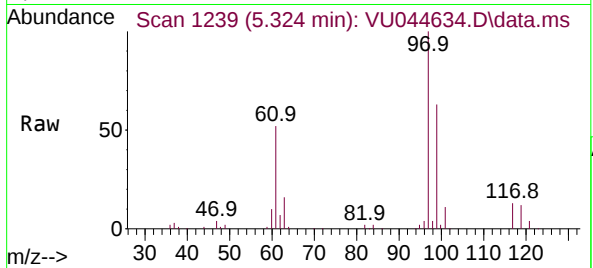
99 63.5 50.7 76.1

61 51.9 40.6 60.8

Instrument :

MSVOA_U

ClientSampled :



#30

Cyclohexane

Concen: 4.619 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

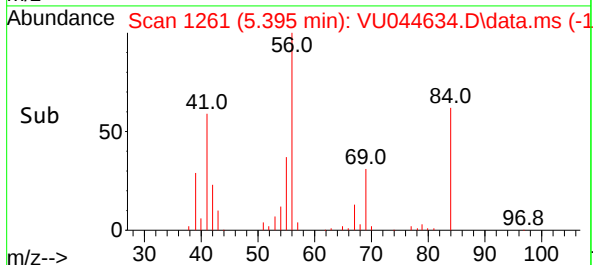
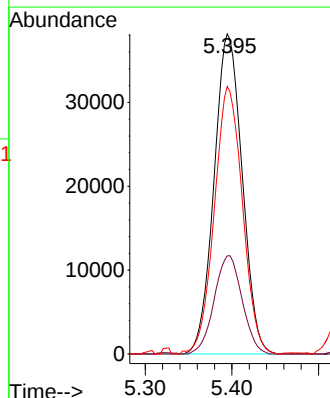
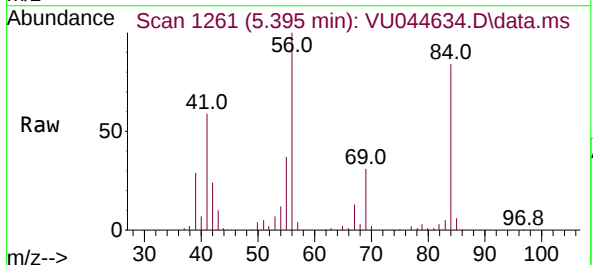
Tgt Ion: 56 Resp: 86086

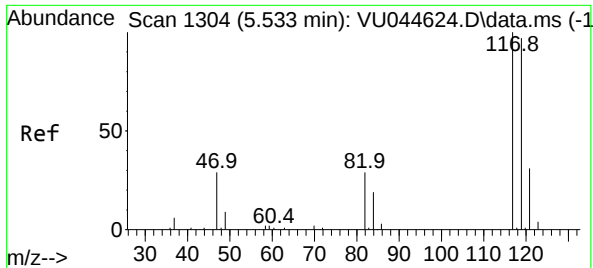
Ion Ratio Lower Upper

56 100

69 30.4 23.4 35.2

84 83.6 65.5 98.3

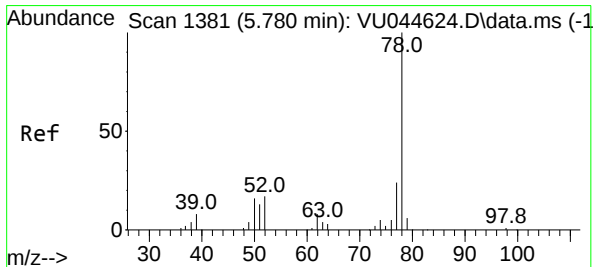
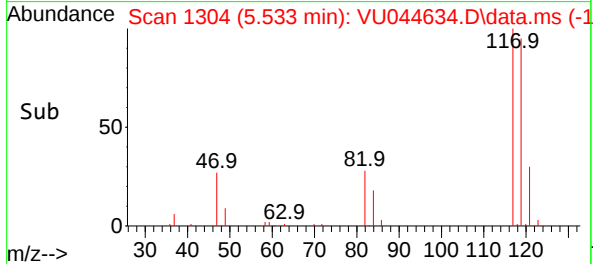
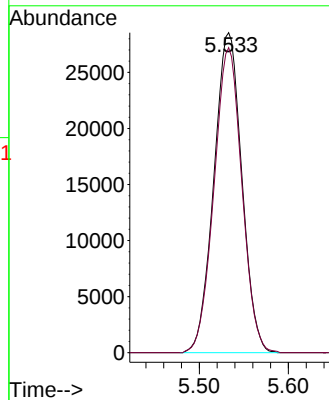
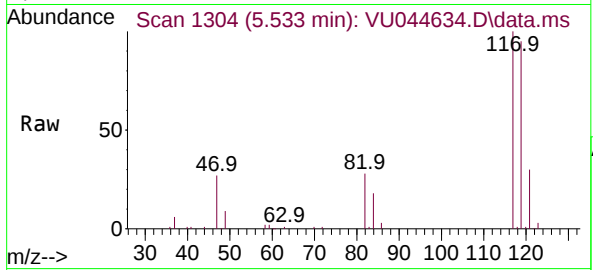




#31
Carbon tetrachloride
Concen: 4.877 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

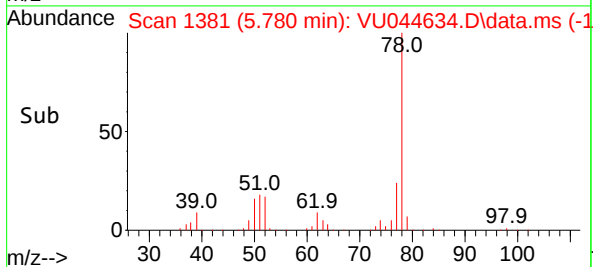
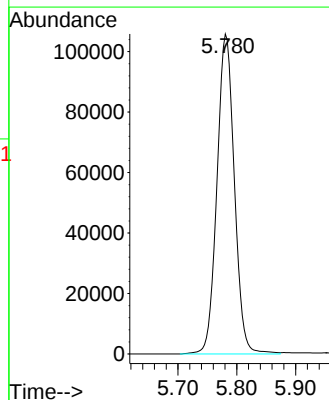
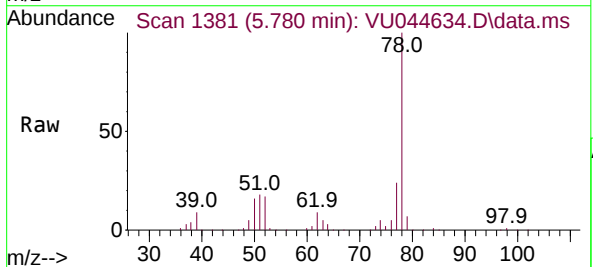
Instrument :
MSVOA_U
ClientSampled :

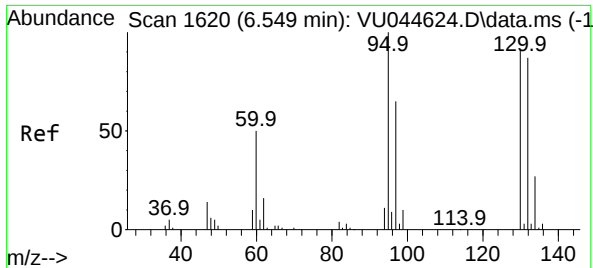
Tgt Ion:117 Resp: 62108
Ion Ratio Lower Upper
117 100
119 95.1 76.4 114.6



#33
Benzene
Concen: 4.913 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 78 Resp: 217750



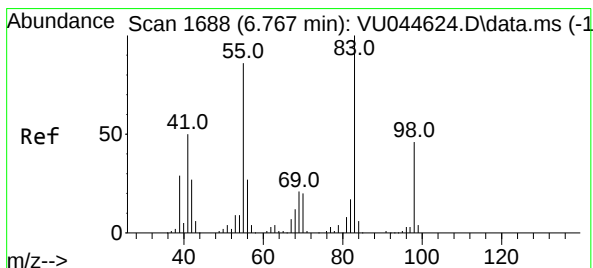
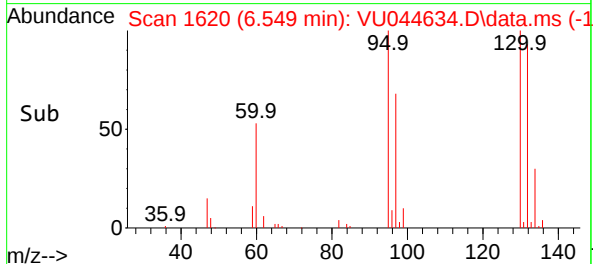
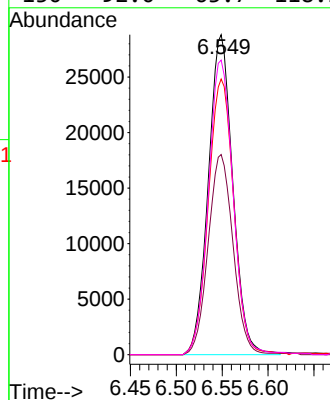
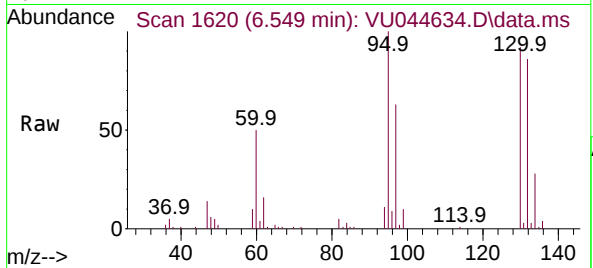


#34
Trichloroethene
Concen: 4.875 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 53493

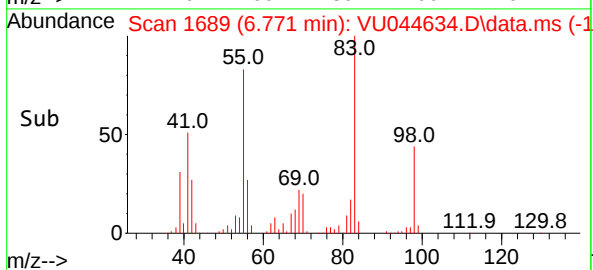
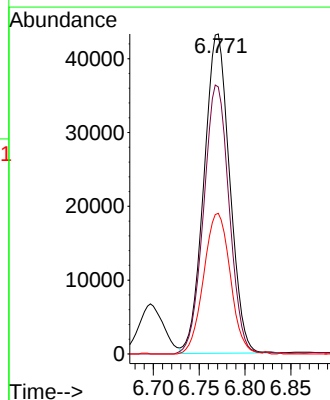
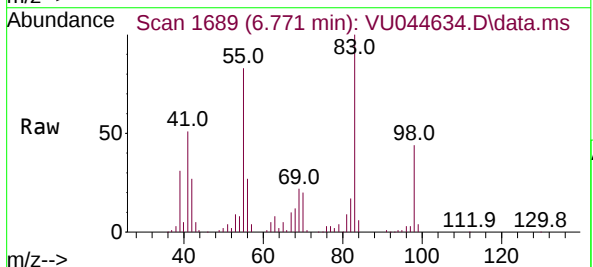
Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.7	82.9
132	86.2	60.3	111.9
130	92.0	63.7	118.3

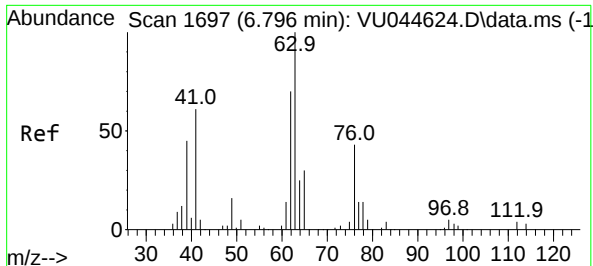


#35
Methylcyclohexane
Concen: 4.681 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 83 Resp: 84411

Ion	Ratio	Lower	Upper
83	100		
55	83.6	68.3	102.5
98	45.5	37.3	55.9



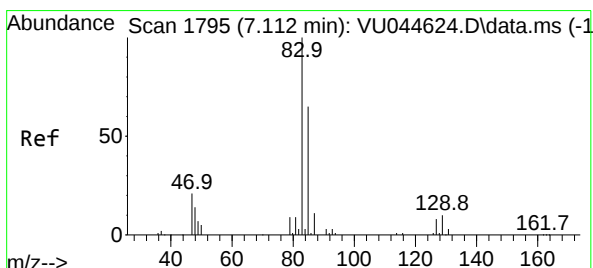
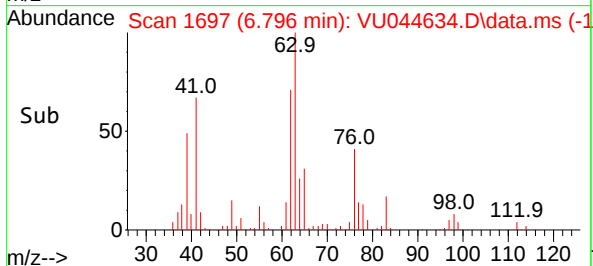
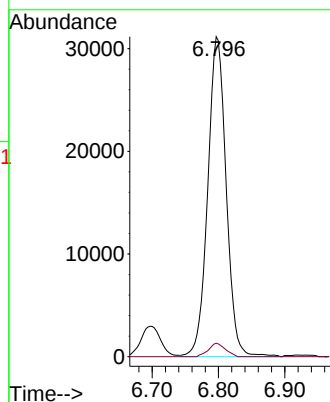
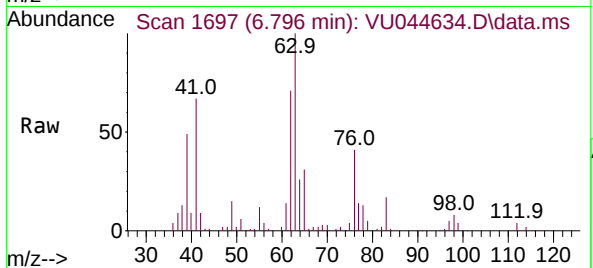


#37

1,2-Dichloropropane
Concen: 5.081 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Instrument :
MSVOA_U
ClientSampled :

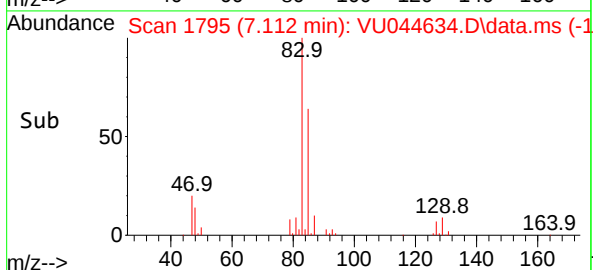
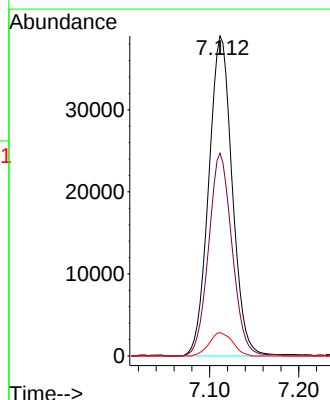
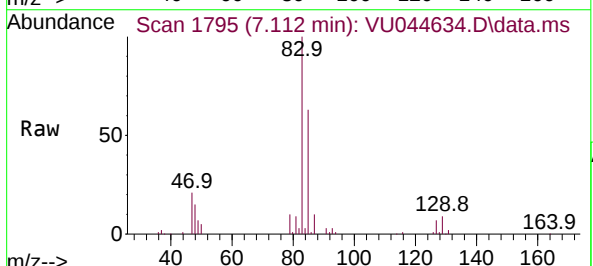
Tgt Ion: 63 Resp: 60348
Ion Ratio Lower Upper
63 100
112 3.8 3.1 4.7

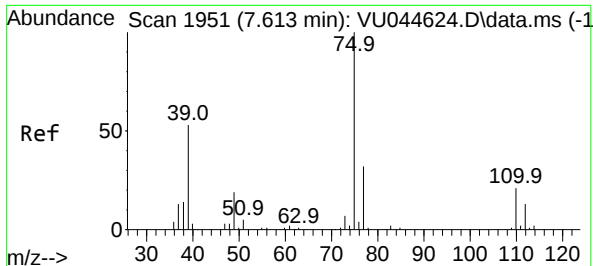


#38

Bromodichloromethane
Concen: 4.967 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 83 Resp: 71531
Ion Ratio Lower Upper
83 100
85 63.4 46.3 86.1
127 7.3 6.0 9.0



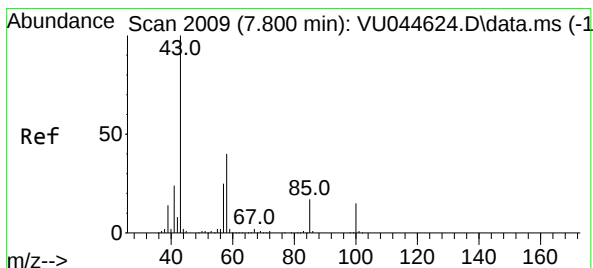
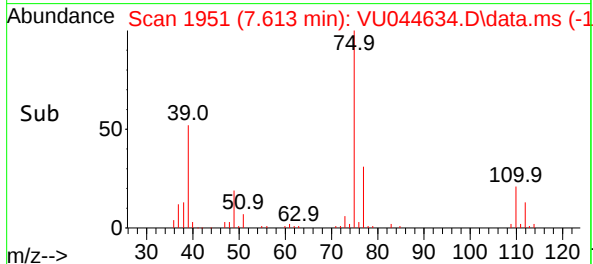
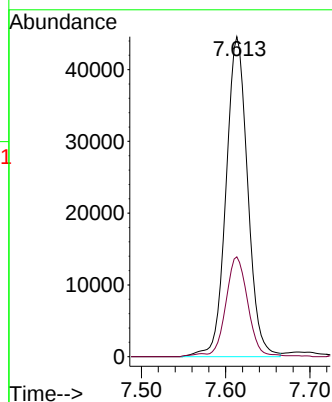
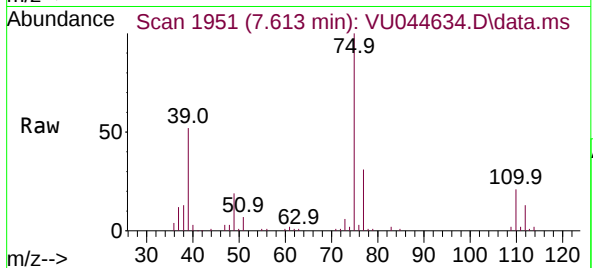


#39

cis-1,3-Dichloropropene
Concen: 4.723 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Instrument :
MSVOA_U
ClientSampleId :

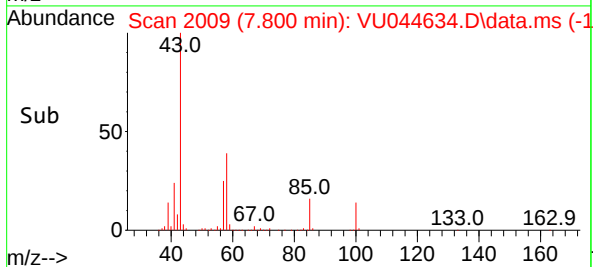
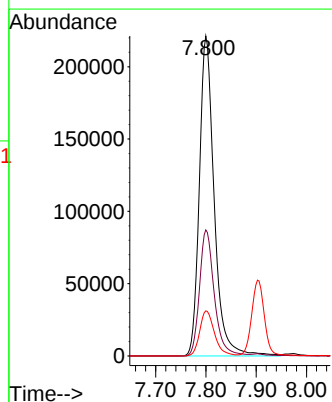
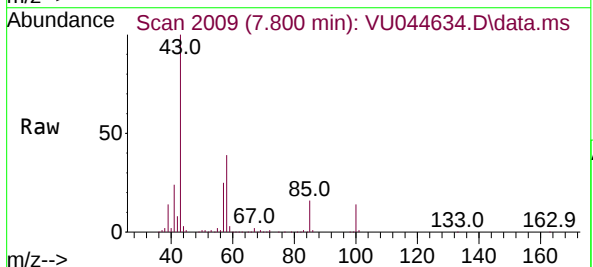
Tgt Ion: 75 Resp: 79466
Ion Ratio Lower Upper
75 100
77 31.2 21.5 39.9

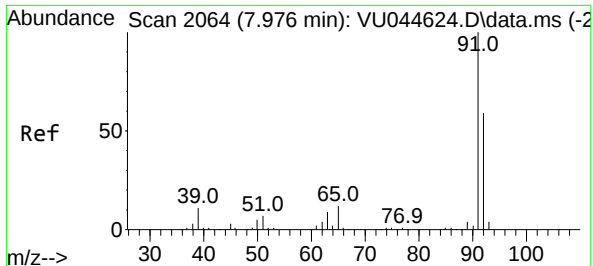


#40

4-Methyl-2-pentanone
Concen: 49.193 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 43 Resp: 454778
Ion Ratio Lower Upper
43 100
58 39.2 31.2 46.8
100 14.1 11.4 17.0

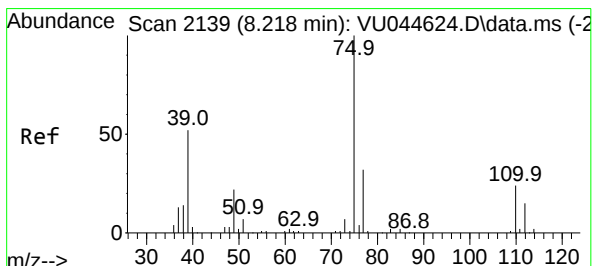
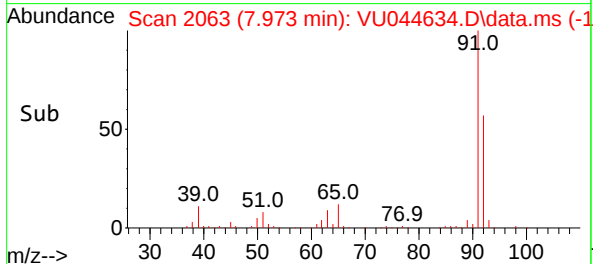
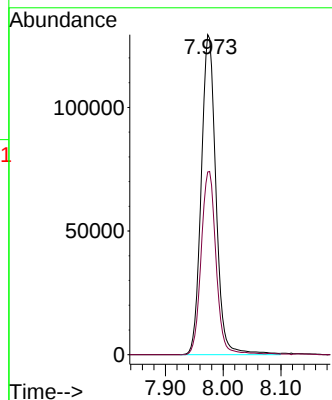
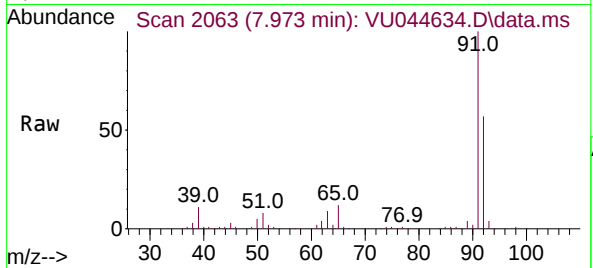




#42
Toluene
Concen: 4.951 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

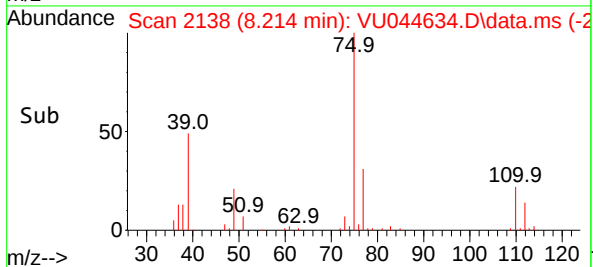
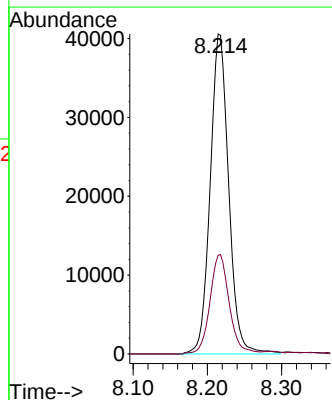
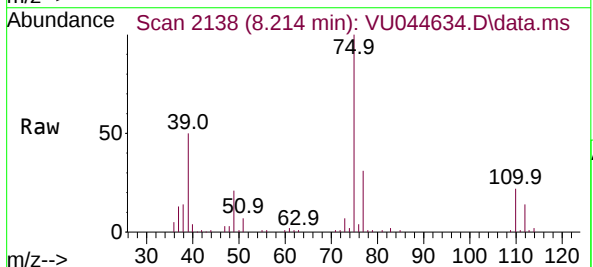
Instrument :
MSVOA_U
ClientSampled :

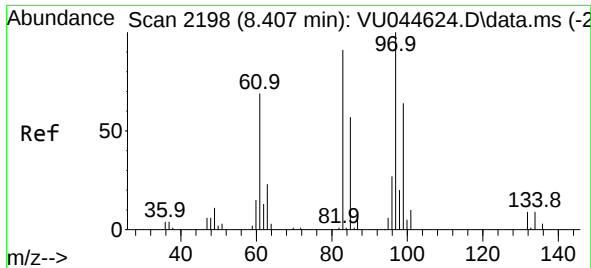
Tgt Ion: 91 Resp: 229183
Ion Ratio Lower Upper
91 100
92 57.1 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 4.885 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.003 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 75 Resp: 70143
Ion Ratio Lower Upper
75 100
77 30.9 22.0 41.0

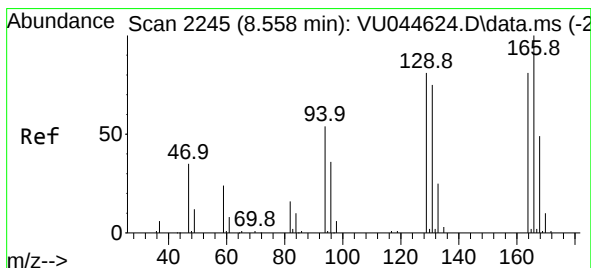
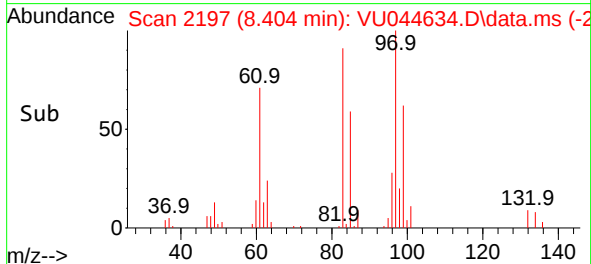
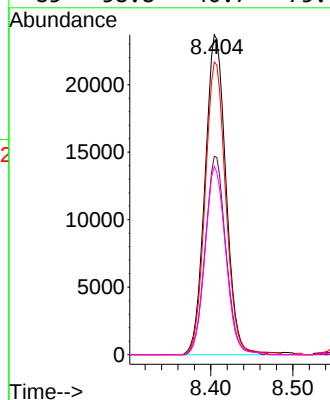
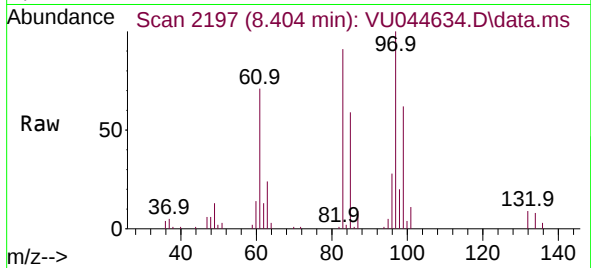




#45
1,1,2-Trichloroethane
Concen: 4.983 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

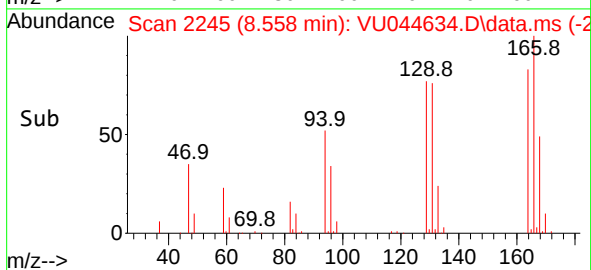
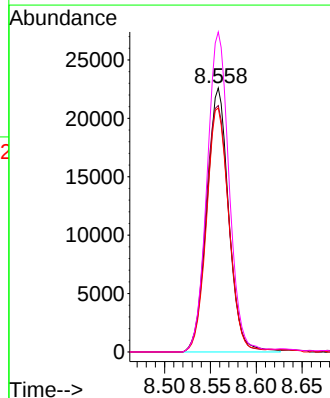
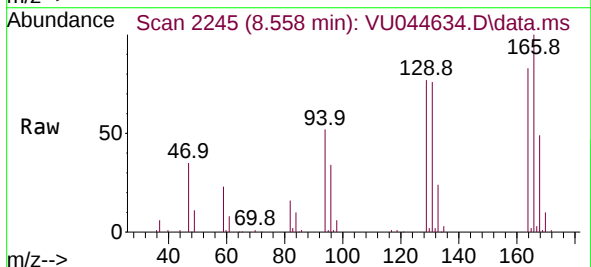
Instrument :
MSVOA_U
ClientSampleId :

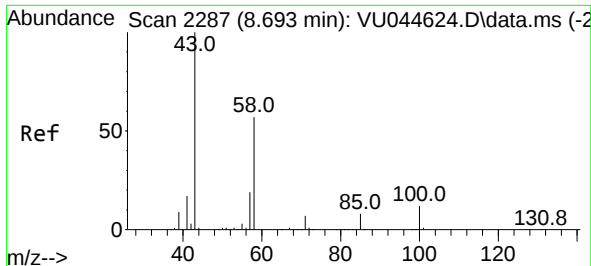
Tgt Ion:	97	Resp:	42079
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.8	83.2
83	91.4	63.6	118.0
85	58.8	40.7	75.7



#47
Tetrachloroethene
Concen: 4.940 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion:	164	Resp:	37637
Ion	Ratio	Lower	Upper
164	100		
129	93.3	67.0	124.4
131	92.4	65.2	121.0
166	121.2	87.6	162.8

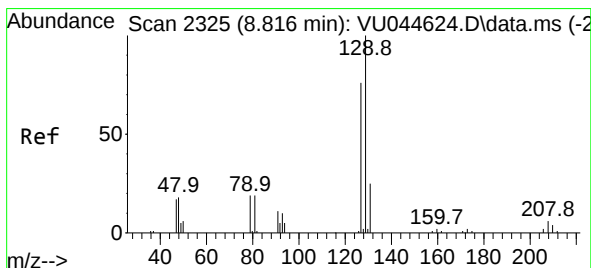
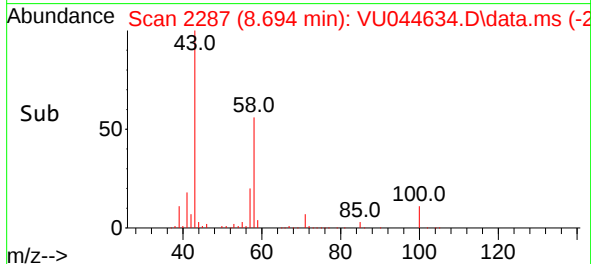
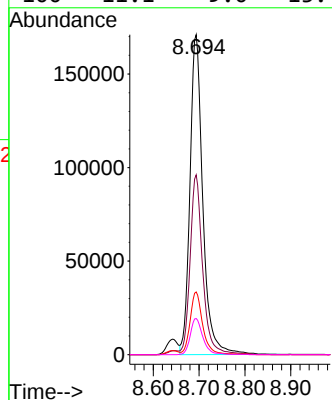
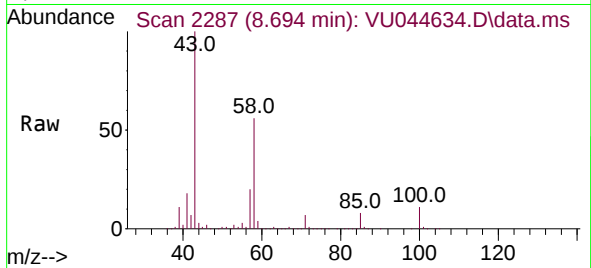




#48
2-Hexanone
Concen: 48.470 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

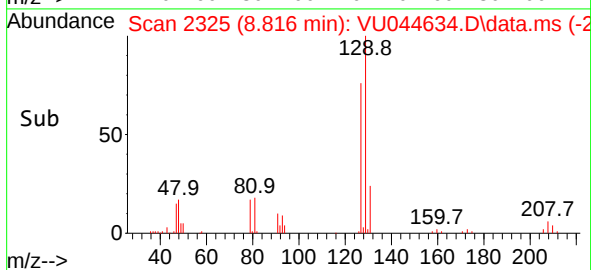
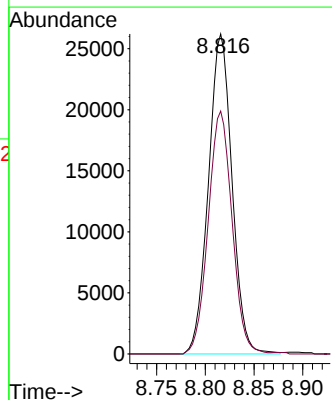
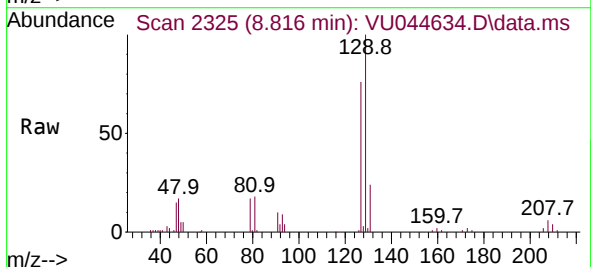
Instrument :
MSVOA_U
ClientSampleId :

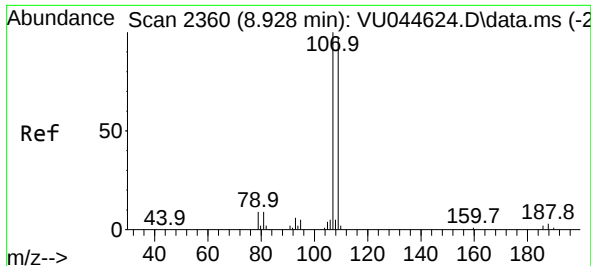
Tgt Ion: 43 Resp: 333532
Ion Ratio Lower Upper
43 100
58 53.8 44.6 66.8
57 19.0 14.8 22.2
100 11.1 9.0 13.4



#49
Dibromochloromethane
Concen: 4.982 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 129 Resp: 44199
Ion Ratio Lower Upper
129 100
127 75.9 53.3 99.1





#50

1,2-Dibromoethane

Concen: 4.917 ug/L

RT: 8.928 min Scan# 2360

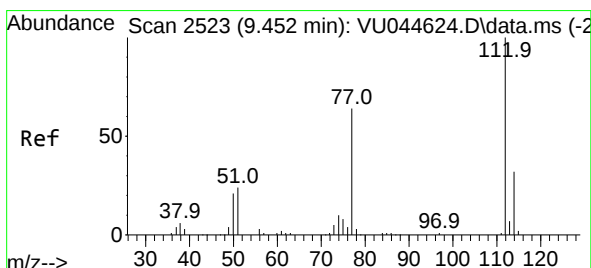
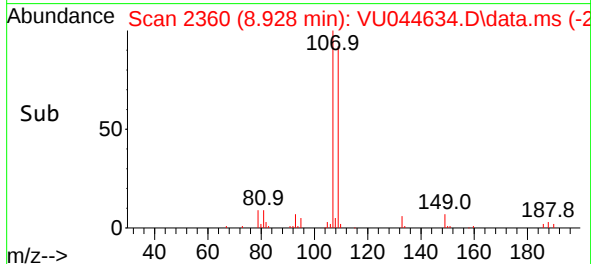
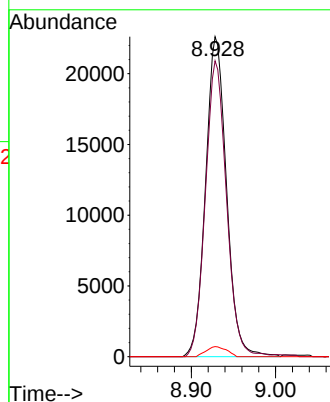
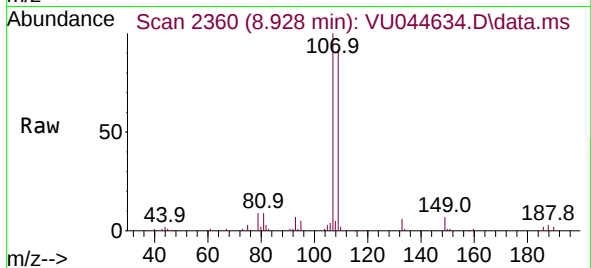
Delta R.T. 0.000 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	107	Resp:	39093
Ion	Ratio	Lower	Upper
107	100		
109	92.4	65.5	121.7
188	3.2	3.0	4.4



#51

Chlorobenzene

Concen: 4.854 ug/L

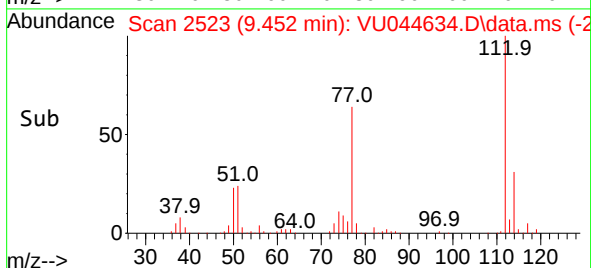
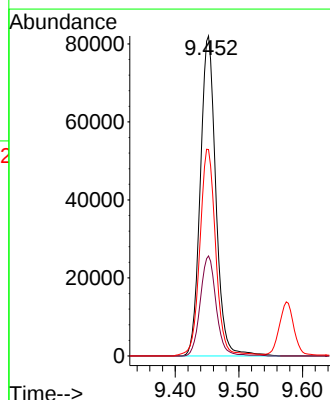
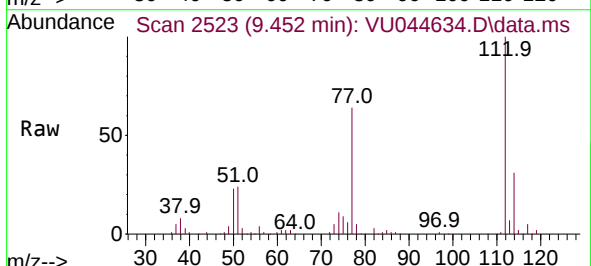
RT: 9.452 min Scan# 2523

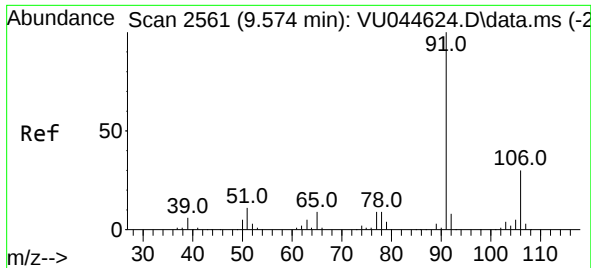
Delta R.T. 0.000 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

Tgt Ion:	112	Resp:	139300
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.8	42.4
77	64.5	51.4	77.0

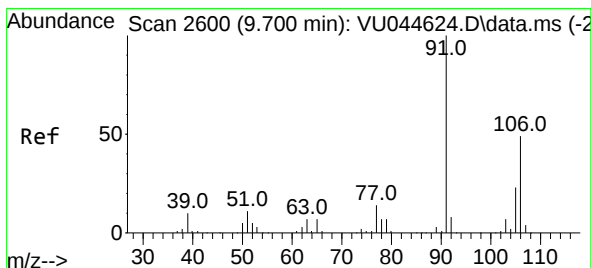
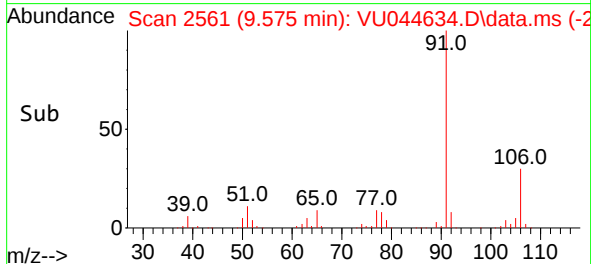
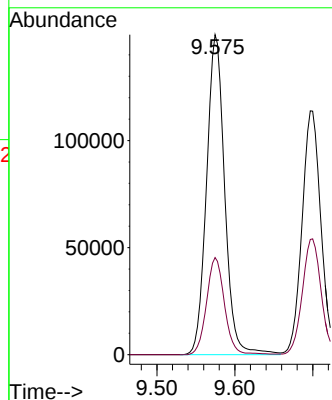
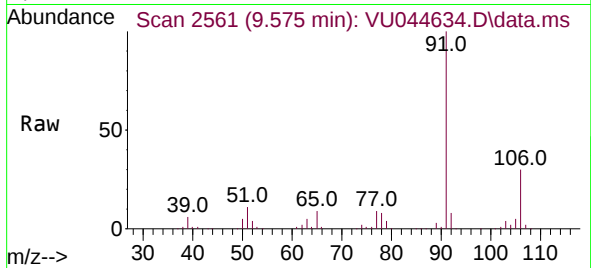




#52
Ethylbenzene
Concen: 4.831 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

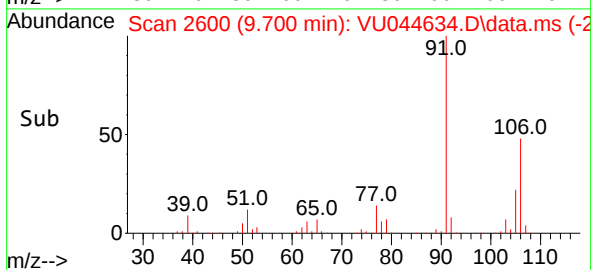
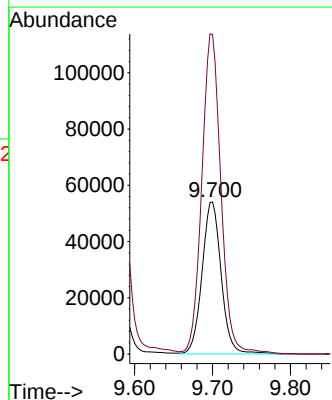
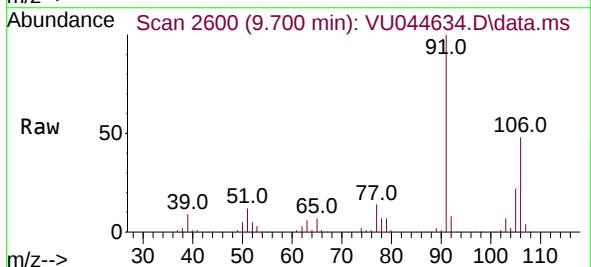
Instrument :
MSVOA_U
ClientSampled :

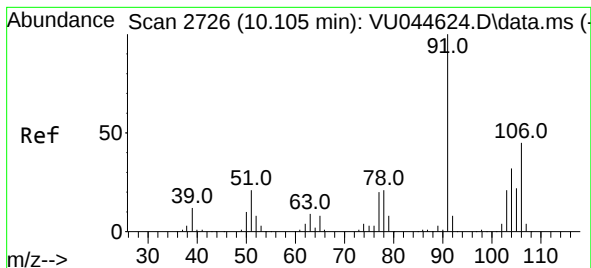
Tgt Ion: 91 Resp: 242220
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1



#53
m,p-Xylene
Concen: 4.837 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 106 Resp: 92228
Ion Ratio Lower Upper
106 100
91 210.2 144.6 268.6

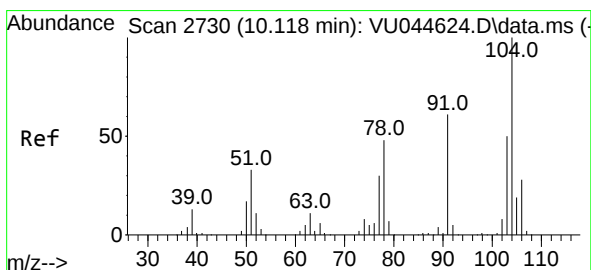
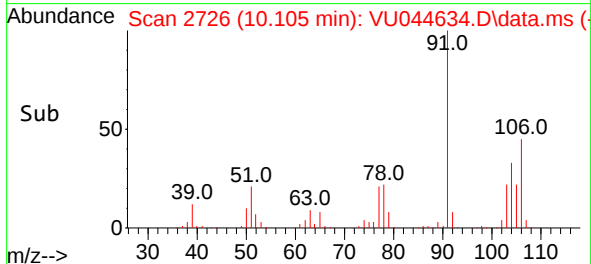
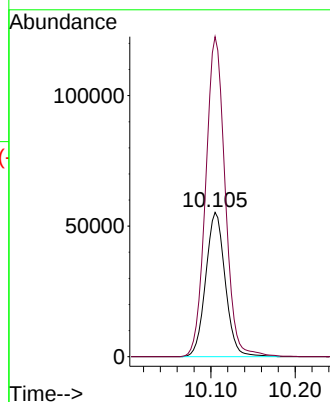
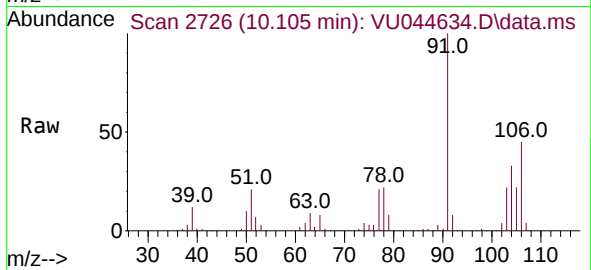




#54
o-Xylene
Concen: 4.897 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

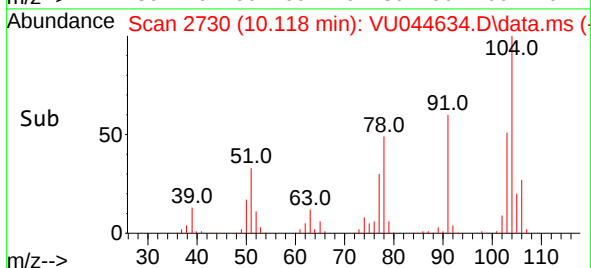
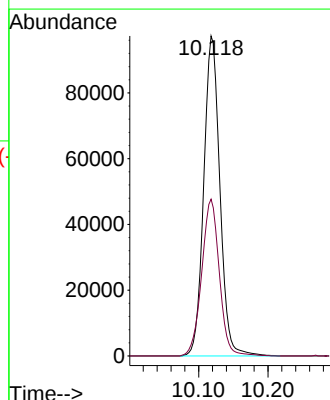
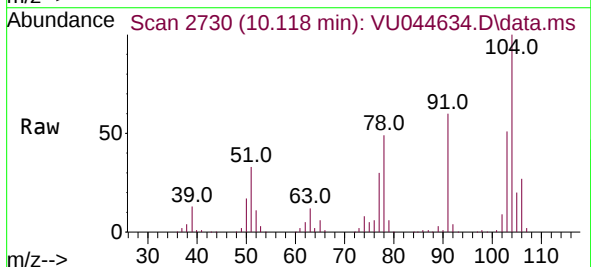
Instrument :
MSVOA_U
ClientSampled :

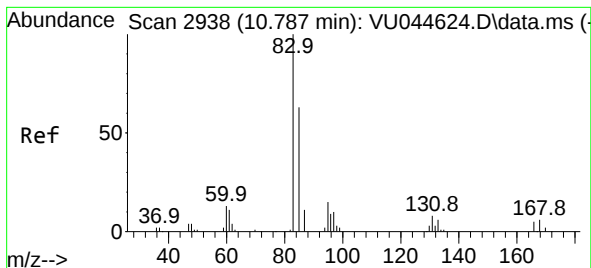
Tgt Ion:106 Resp: 89202
Ion Ratio Lower Upper
106 100
91 221.7 156.2 290.0



#55
Styrene
Concen: 4.946 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion:104 Resp: 157696
Ion Ratio Lower Upper
104 100
78 49.0 33.6 62.4

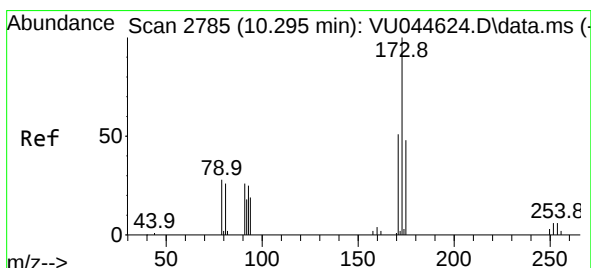
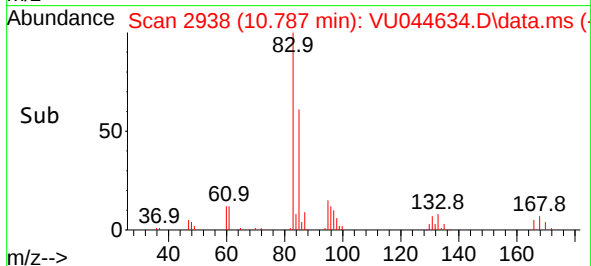
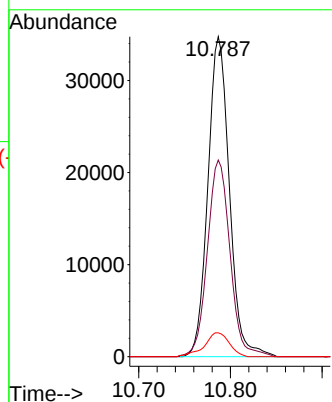
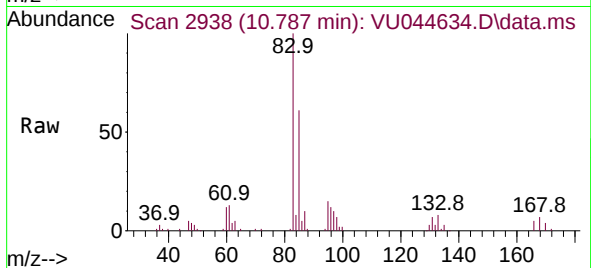




#57
1,1,2,2-Tetrachloroethane
Concen: 4.985 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

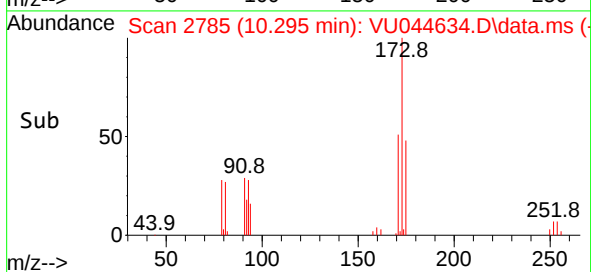
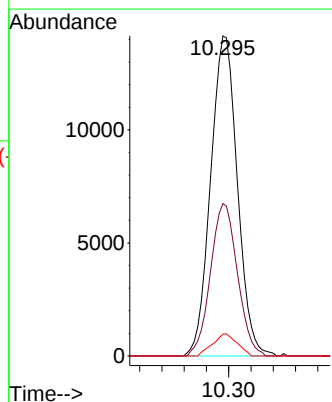
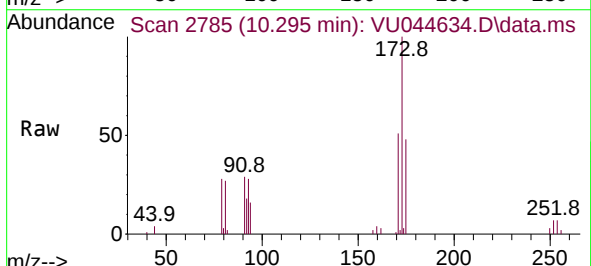
Instrument :
MSVOA_U
ClientSampleId :

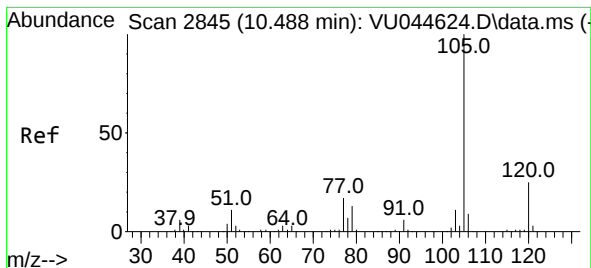
Tgt Ion:	83	Resp:	56524
Ion	Ratio	Lower	Upper
83	100		
85	61.4	44.5	82.7
131	7.4	6.6	10.0



#59
Bromoform
Concen: 4.858 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion:	173	Resp:	23589
Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.8	58.2
254	6.3	4.9	7.3





#60

Isopropylbenzene

Concen: 4.786 ug/L

RT: 10.488 min Scan# 2845

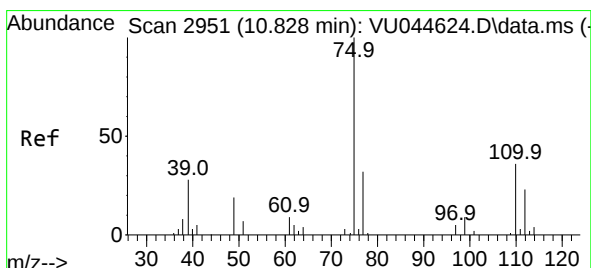
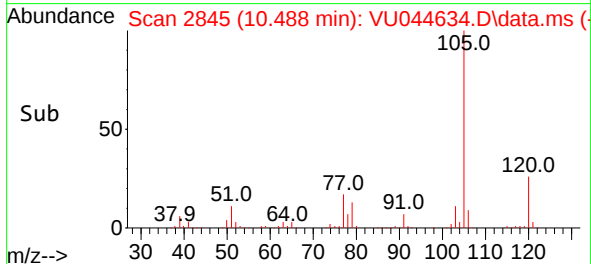
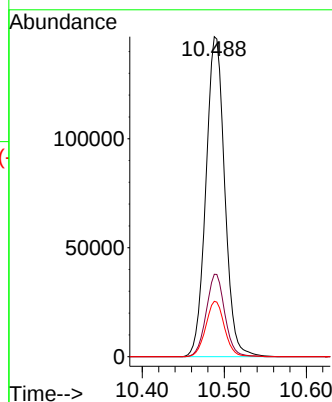
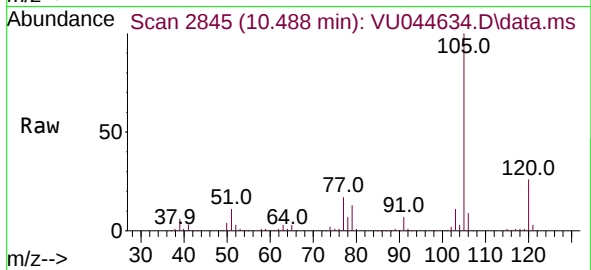
Delta R.T. 0.000 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

Tgt Ion:	105	Resp:	234067
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.2	30.2
77	17.3	13.6	20.4

Instrument :
MSVOA_U
ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 4.827 ug/L

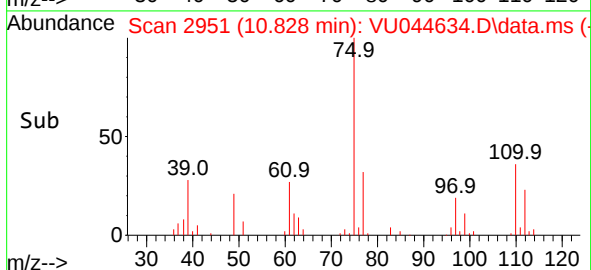
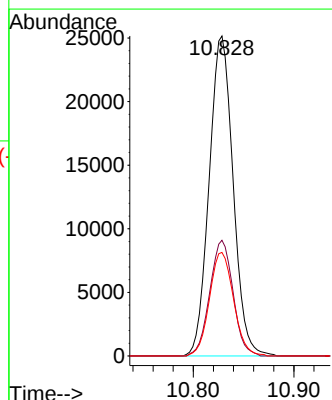
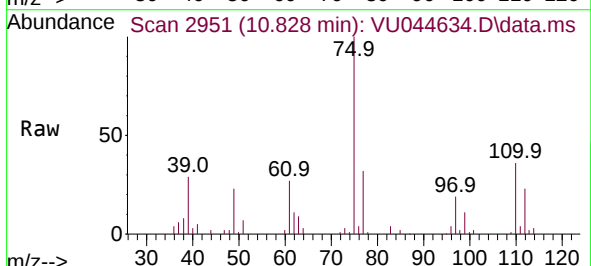
RT: 10.828 min Scan# 2951

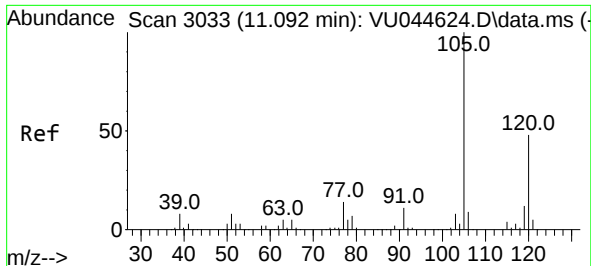
Delta R.T. 0.000 min

Lab File: VU044634.D

Acq: 14 Sep 2021 18:34

Tgt Ion:	75	Resp:	41670
Ion Ratio	Lower	Upper	
75	100		
110	35.0	28.8	43.2
77	32.5	25.9	38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.780 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU044634.D

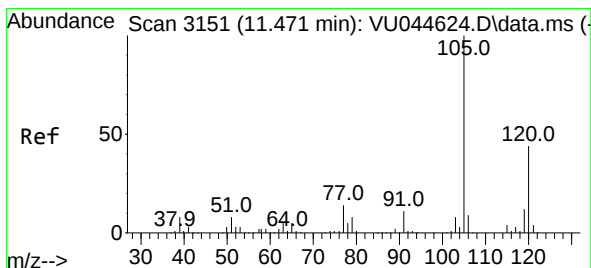
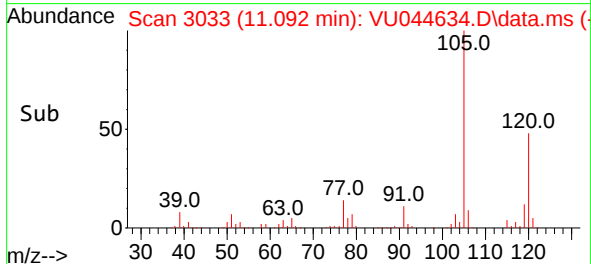
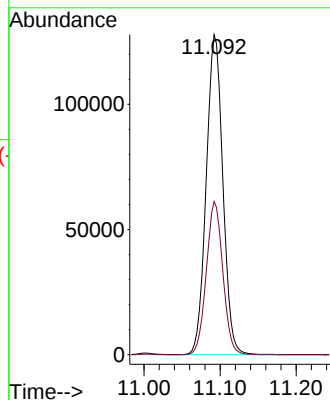
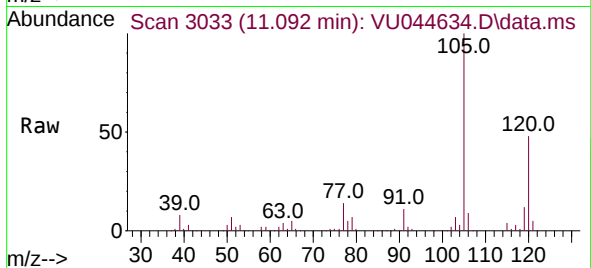
Acq: 14 Sep 2021 18:34

Tgt Ion:105 Resp: 194152

Ion Ratio Lower Upper

105 100

120 47.4 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 4.852 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU044634.D

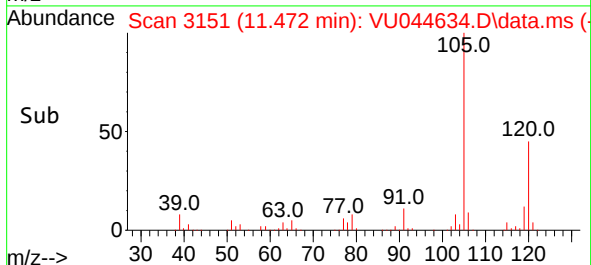
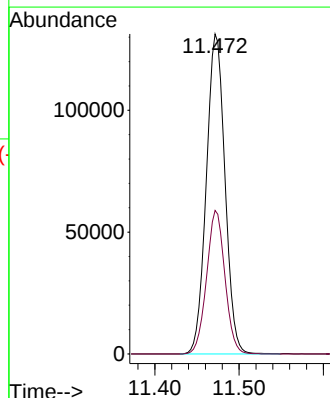
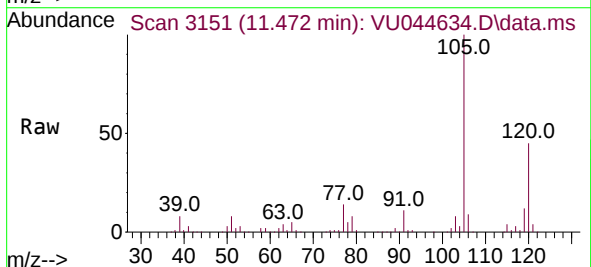
Acq: 14 Sep 2021 18:34

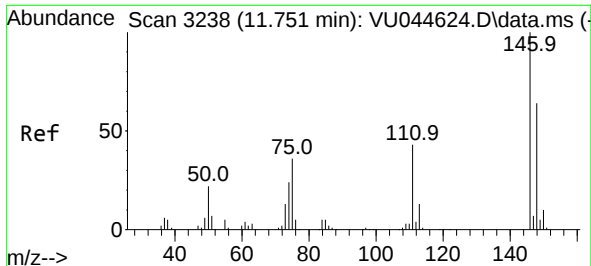
Tgt Ion:105 Resp: 202374

Ion Ratio Lower Upper

105 100

120 44.0 35.4 53.2

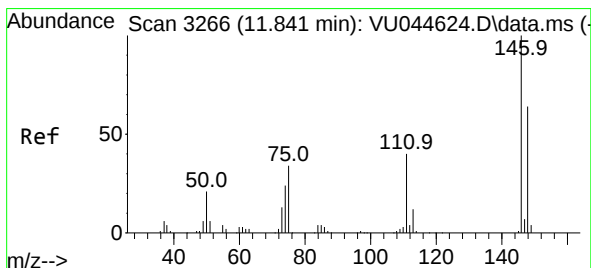
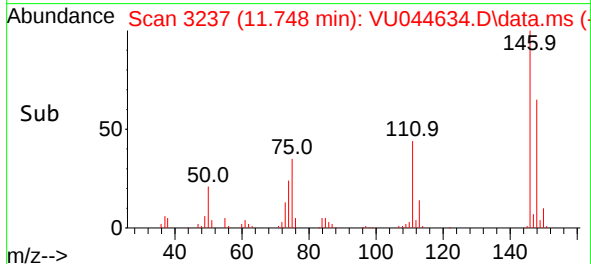
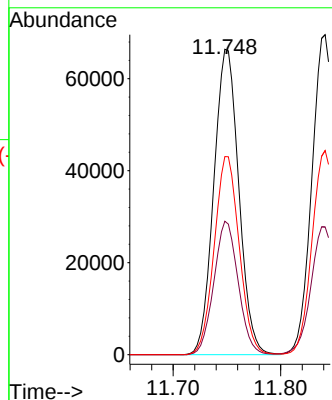
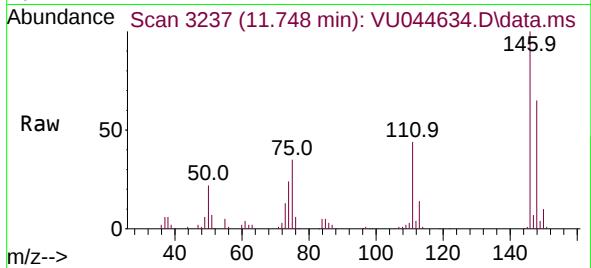




#64
1,3-Dichlorobenzene
Concen: 4.710 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.003 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

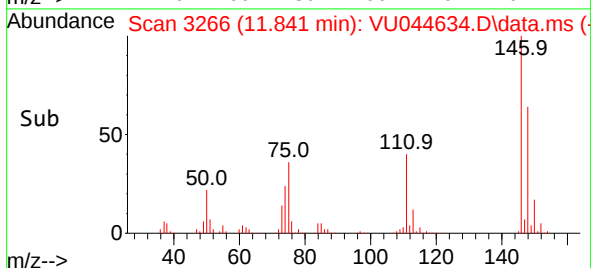
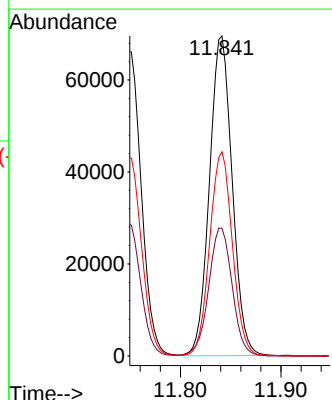
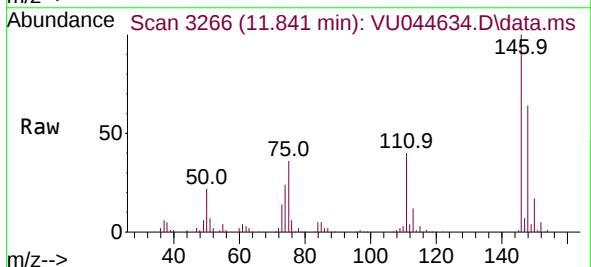
Instrument :
MSVOA_U
ClientSampleId :

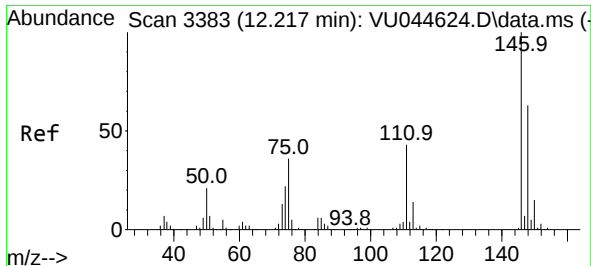
Tgt Ion:146 Resp: 107401
Ion Ratio Lower Upper
146 100
111 43.7 29.8 55.4
148 64.9 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 4.640 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion:146 Resp: 109157
Ion Ratio Lower Upper
146 100
111 39.9 28.7 53.3
148 63.8 45.4 84.4

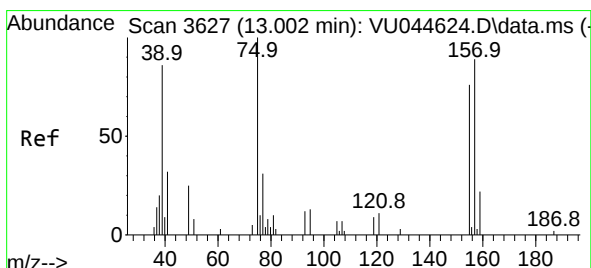
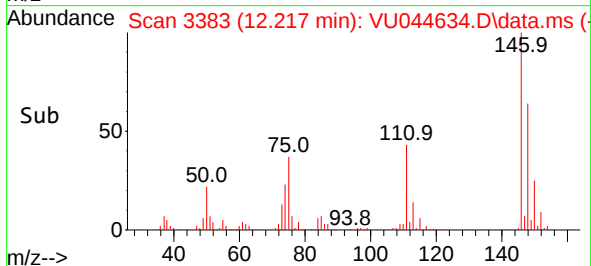
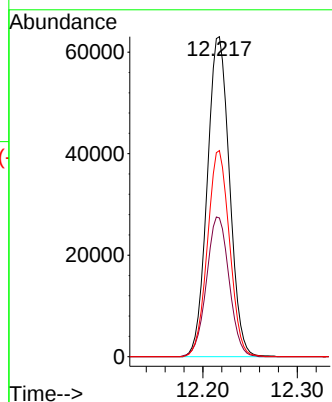
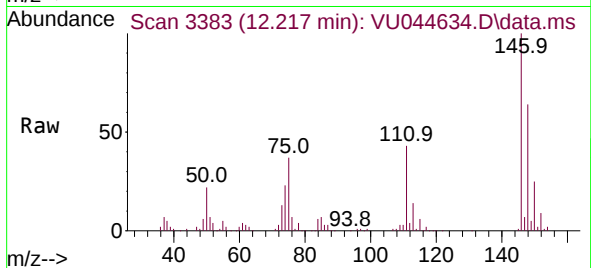




#67
1,2-Dichlorobenzene
Concen: 4.756 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

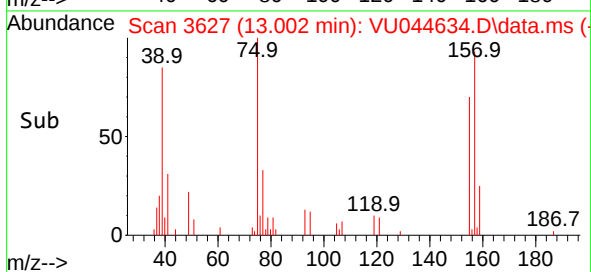
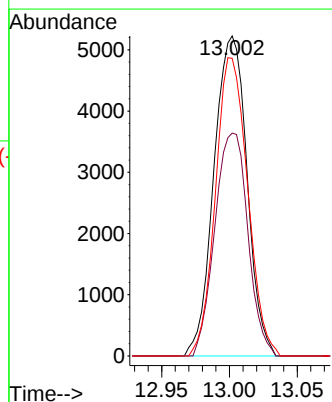
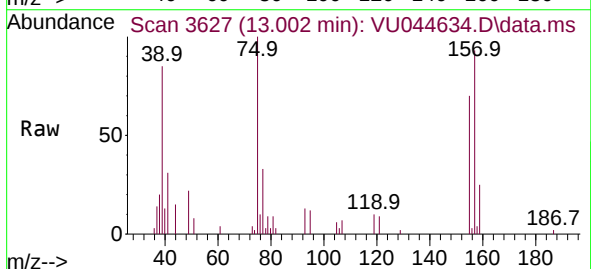
Instrument :
MSVOA_U
ClientSampled :

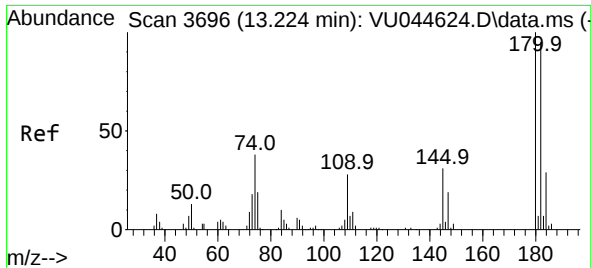
Tgt Ion:146 Resp: 102943
Ion Ratio Lower Upper
146 100
111 43.4 34.6 51.8
148 64.4 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.665 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

Tgt Ion: 75 Resp: 8856
Ion Ratio Lower Upper
75 100
155 69.7 54.0 81.0
157 93.0 65.4 98.2

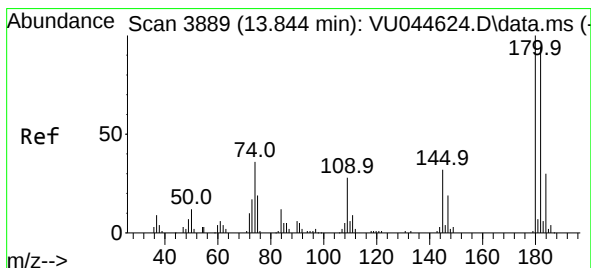
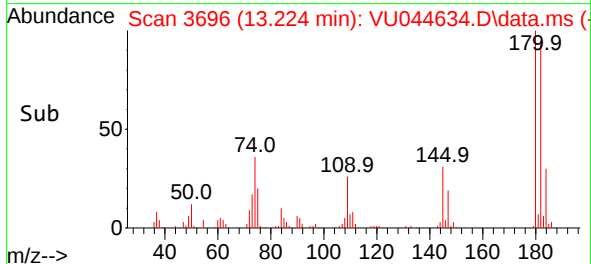
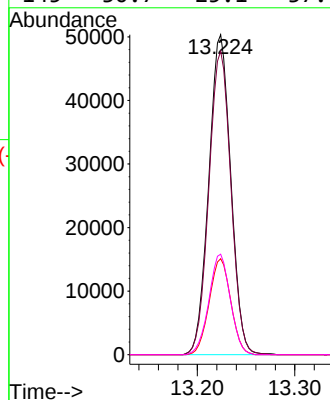
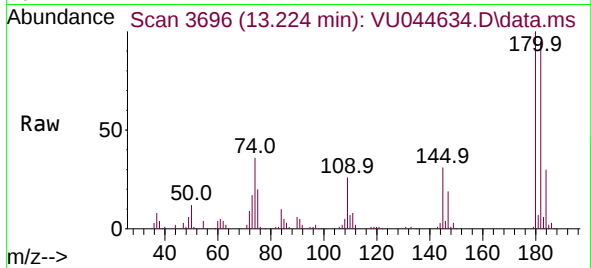




#69
 1,3,5-Trichlorobenzene
 Concen: 4.552 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU044634.D
 Acq: 14 Sep 2021 18:34

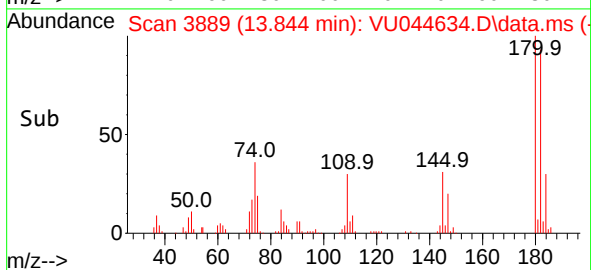
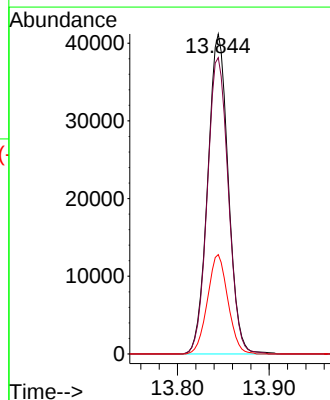
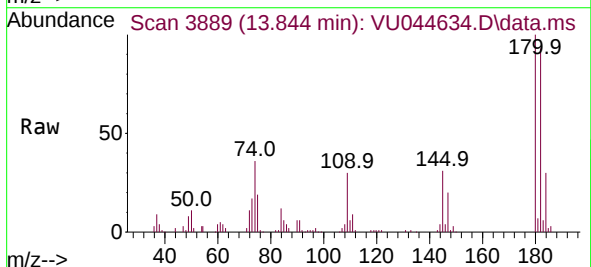
Instrument :
 MSVOA_U
 ClientSampled :

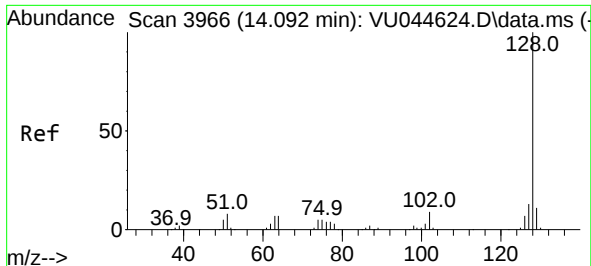
Tgt Ion:	180	Resp:	78910
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.9	115.3
184	29.4	24.1	36.1
145	30.7	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.397 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU044634.D
 Acq: 14 Sep 2021 18:34

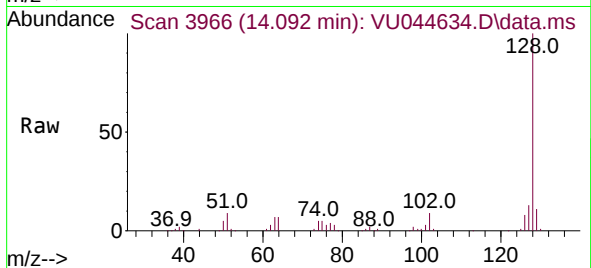
Tgt Ion:	180	Resp:	64292
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.4	113.0
145	30.8	25.2	37.8



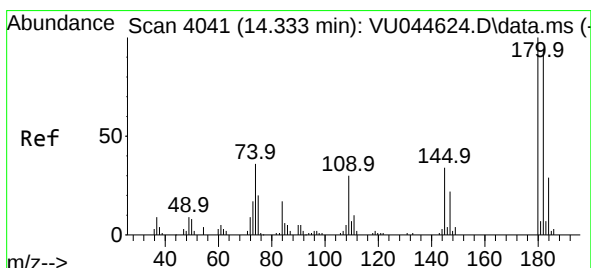
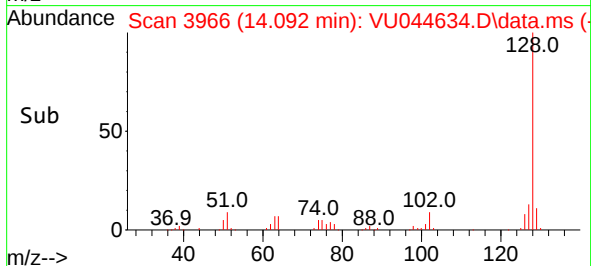
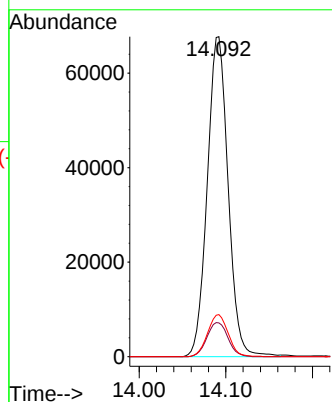


#71
Naphthalene
Concen: 3.974 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34

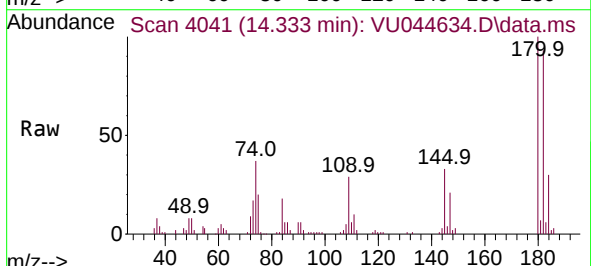
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 113354
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.406 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044634.D
Acq: 14 Sep 2021 18:34



Tgt Ion:180 Resp: 59308
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 33.4 27.0 40.6

