

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046522.D
 Acq On : 21 Dec 2021 11:54
 Operator : SY/MD
 Sample : VSTD0.540
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 13:55:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 13:53:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	99125	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	3747	0.481	ug/L	0.01
7) Chloroethane-d5	1.919	69	3260	0.575	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	1557	0.482	ug/L	0.01
20) 2-Butanone-d5	4.661	46	3331	1.592	ug/L	0.00
24) Chloroform-d	5.070	84	7242	0.548	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	4341	0.563	ug/L	0.00
32) Benzene-d6	5.732	84	13452	0.500	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	4053	0.481	ug/L	0.00
41) Toluene-d8	7.902	98	11723	0.481	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	1794	0.513	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	9833	5.850	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	4343	0.595	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	4575	0.547	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7789	0.820	ug/L	100
3) Chloromethane	1.523	50	7467	0.788	ug/L	99
5) Vinyl chloride	1.610	62	7009	0.743	ug/L	93
6) Bromomethane	1.864	94	4486	0.800	ug/L	97
8) Chloroethane	1.941	64	4236	0.781	ug/L	97
9) Trichlorofluoromethane	2.147	101	8982	0.739	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	4241	0.616	ug/L	93
12) 1,1-Dichloroethene	2.588	96	4613	0.696	ug/L	77
14) Carbon disulfide	2.800	76	15077	0.709	ug/L	99
15) Methyl Acetate	2.977	43	2367	0.703	ug/L #	71
17) Methyl tert-butyl Ether	3.369	73	13676	0.759	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	5047	0.704	ug/L	91
19) 1,1-Dichloroethane	3.883	63	9587	0.718	ug/L	99
21) 2-Butanone	4.748	43	17484	7.569	ug/L	77
22) cis-1,2-Dichloroethene	4.674	96	5558	0.717	ug/L	94
23) Bromochloromethane	4.980	128	2986	0.856	ug/L #	69
25) Chloroform	5.092	83	10640	0.736	ug/L	93
27) 1,2-Dichloroethane	5.800	62	7507	0.788	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	8718	0.732	ug/L	97
30) Cyclohexane	5.398	56	5846	0.519	ug/L	92
31) Carbon tetrachloride	5.530	117	6944	0.699	ug/L	99
33) Benzene	5.777	78	21365	0.713	ug/L	100
34) Trichloroethene	6.546	95	5634	0.724	ug/L	97
35) Methylcyclohexane	6.767	83	6275	0.536	ug/L	98
37) 1,2-Dichloropropane	6.796	63	5342	0.678	ug/L #	96
38) Bromodichloromethane	7.112	83	7584	0.765	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	7651	0.675	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	37638	7.054	ug/L	98
42) Toluene	7.973	91	20319	0.660	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	6983	0.697	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	4696	0.774	ug/L	96
47) Tetrachloroethene	8.558	164	3801	0.704	ug/L	98

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

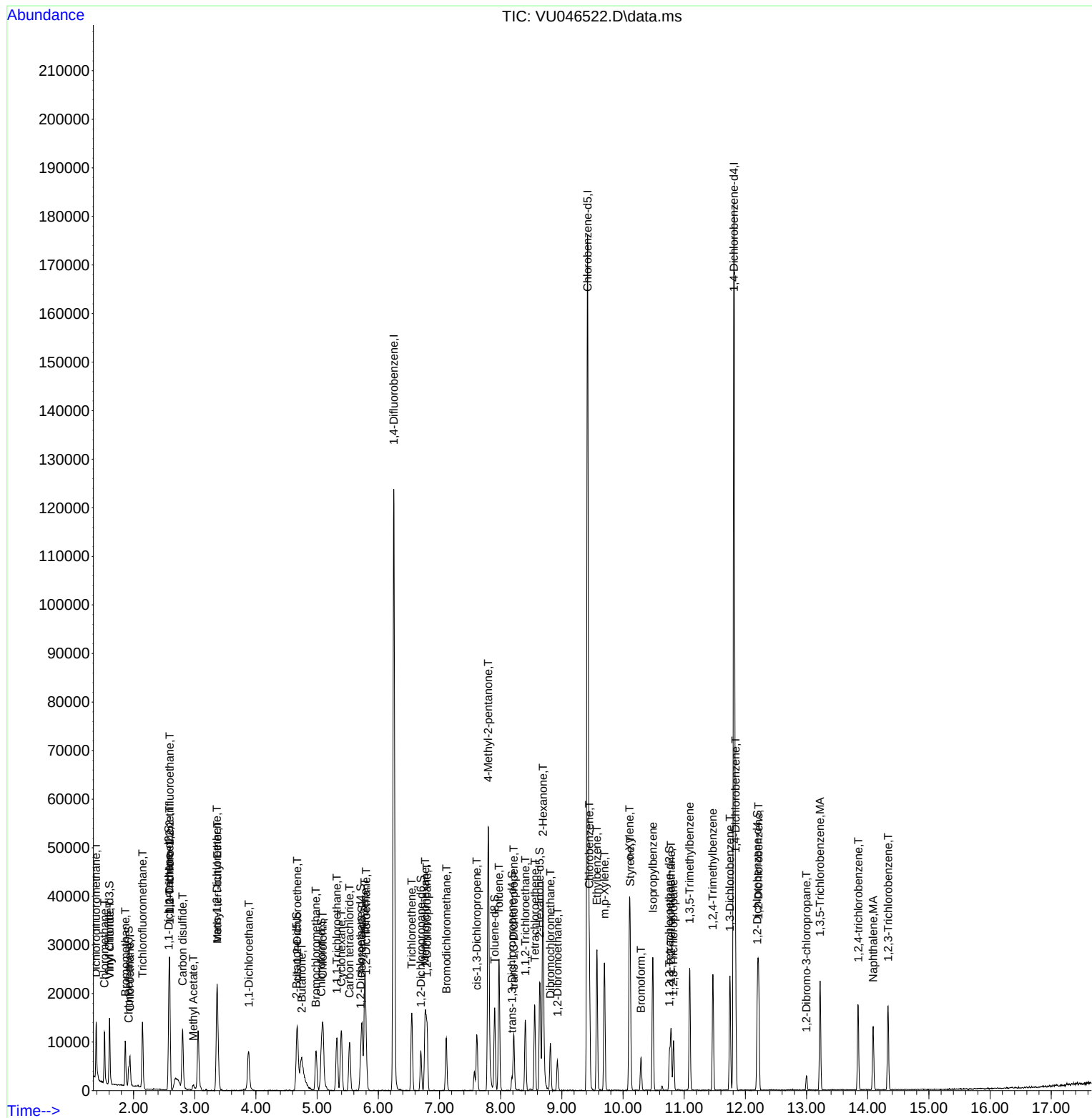
48) 2-Hexanone	8.690	43	28425	7.398	ug/L	100
49) Dibromochloromethane	8.812	129	5293	0.767	ug/L	95
50) 1,2-Dibromoethane	8.928	107	4472	0.782	ug/L #	97
51) Chlorobenzene	9.449	112	14280	0.741	ug/L	98
52) Ethylbenzene	9.574	91	20604	0.643	ug/L	99
53) m,p-Xylene	9.697	106	7626	0.624	ug/L	94
54) o-Xylene	10.105	106	7142	0.601	ug/L	99
55) Styrene	10.118	104	11807	0.588	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	6178	0.799	ug/L	96
59) Bromoform	10.295	173	3101	0.823	ug/L #	96
60) Isopropylbenzene	10.488	105	18030	0.588	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	4695	0.821	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	14086	0.558	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	13466	0.532	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	9415	0.655	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	9927	0.680	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	9898	0.714	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	969	0.790	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	6981	0.647	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	5948	0.652	ug/L	97
71) Naphthalene	14.089	128	11144	0.573	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	5883	0.645	ug/L	96

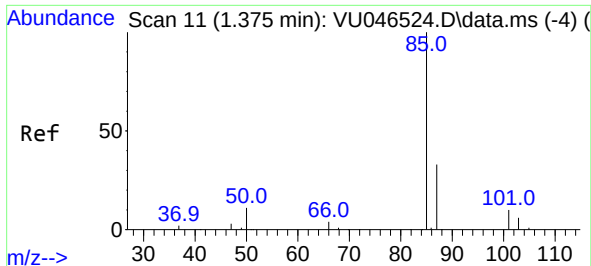
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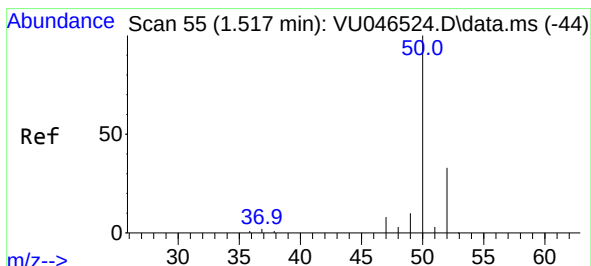
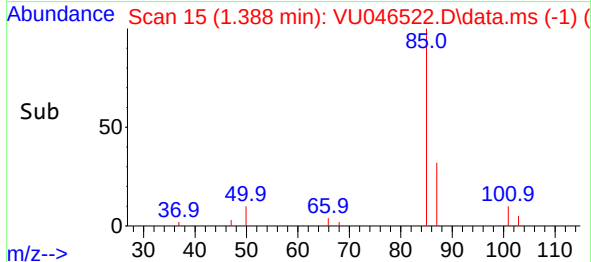
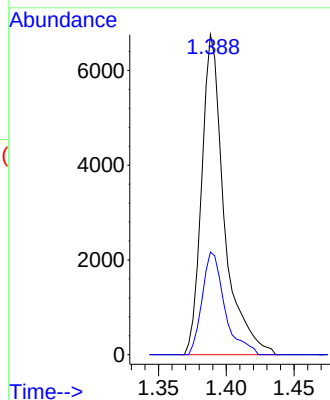
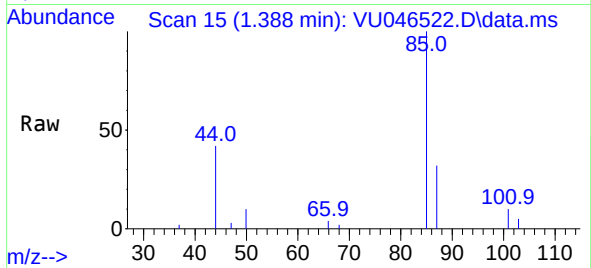




#2
Dichlorodifluoromethane
Concen: 0.820 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046522.D
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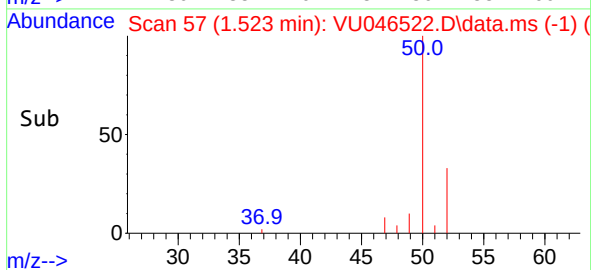
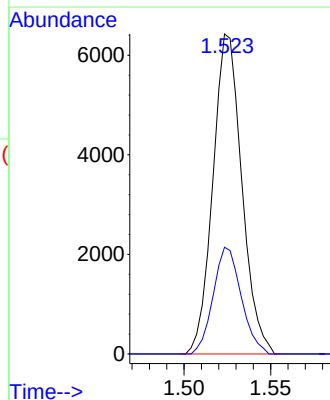
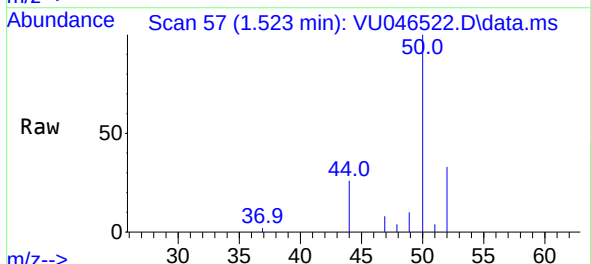
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MSVOA_U
ClientSampleId :

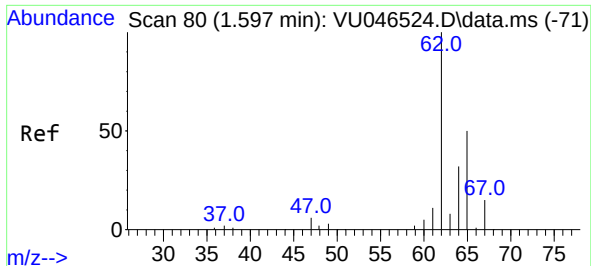
Tgt Ion: 85 Resp: 7789
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.6



#3
Chloromethane
Concen: 0.788 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.006 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion: 50 Resp: 7467
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8

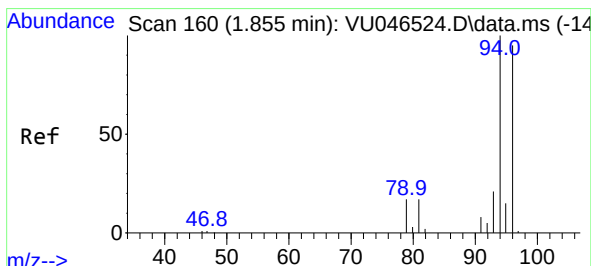
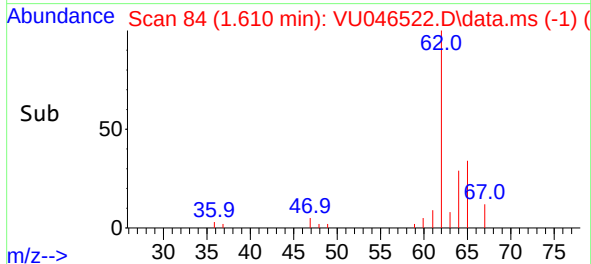
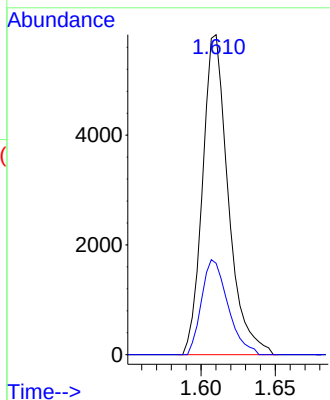
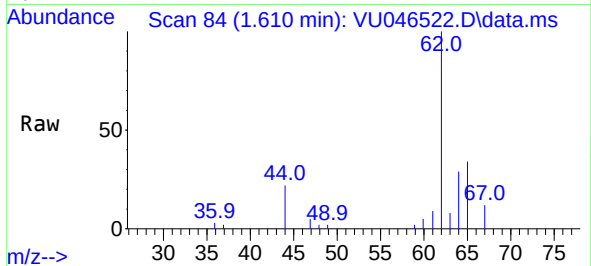




#5
 Vinyl chloride
 Concen: 0.743 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VU046522.D
 Acq: 21 Dec 2021 11:54

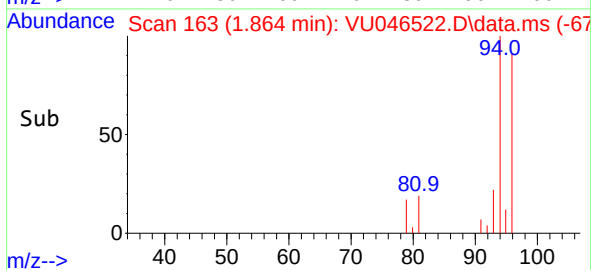
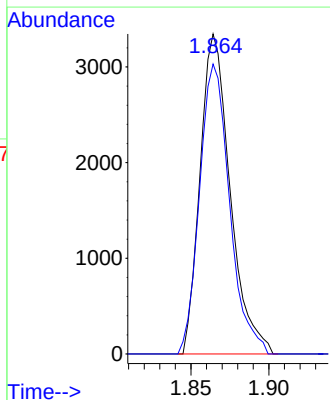
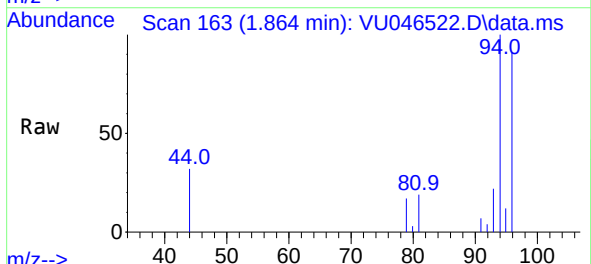
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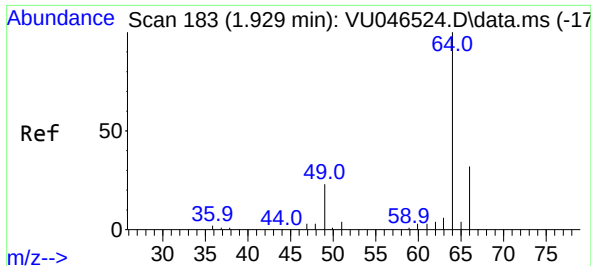
Tgt Ion: 62 Resp: 7009
 Ion Ratio Lower Upper
 62 100
 64 28.6 22.9 42.5



#6
 Bromomethane
 Concen: 0.800 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.010 min
 Lab File: VU046522.D
 Acq: 21 Dec 2021 11:54

Tgt Ion: 94 Resp: 4486
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.5 121.6

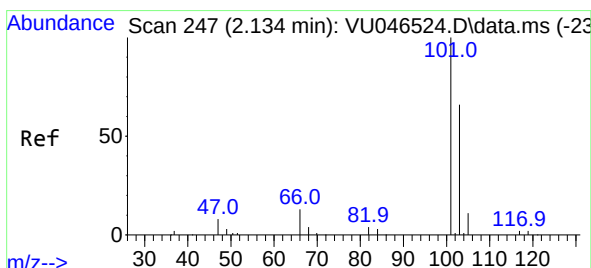
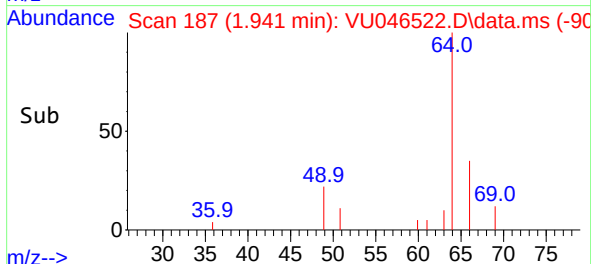
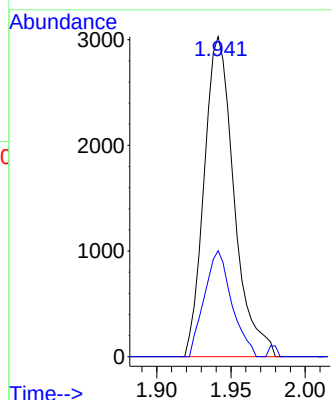
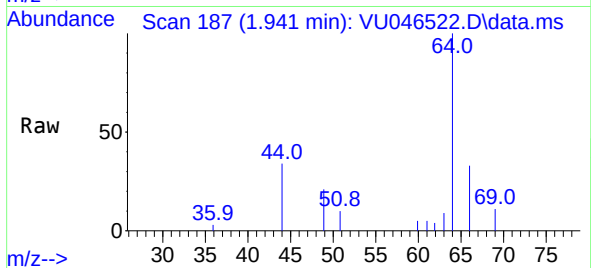




#8
Chloroethane
Concen: 0.781 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

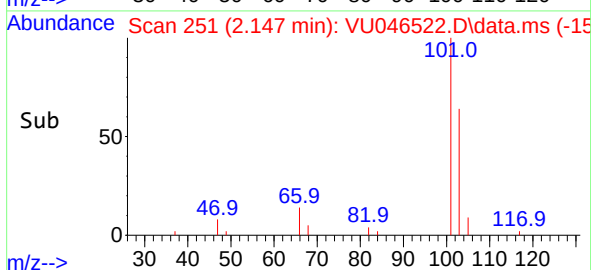
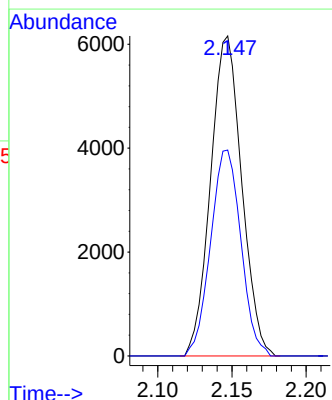
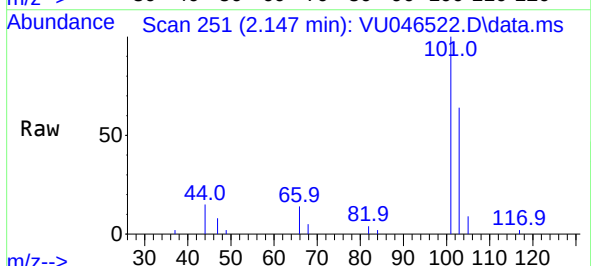
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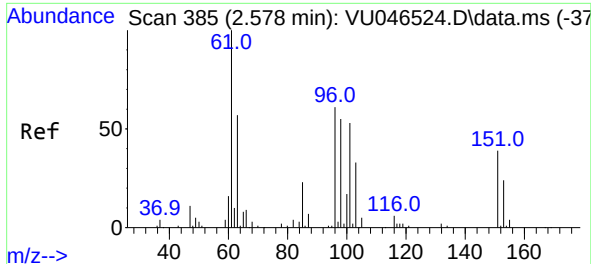
Tgt Ion: 64 Resp: 4236
Ion Ratio Lower Upper
64 100
66 33.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.739 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.013 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion:101 Resp: 8982
Ion Ratio Lower Upper
101 100
103 62.6 51.5 77.3

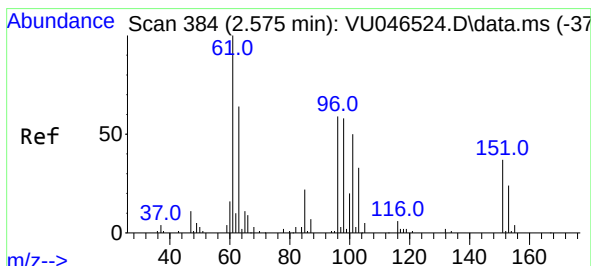
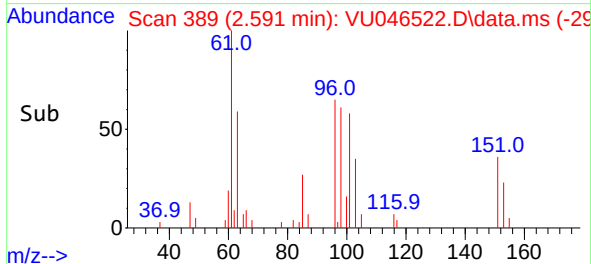
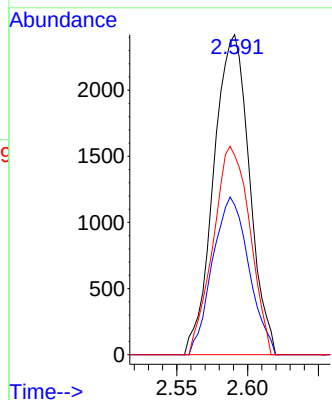
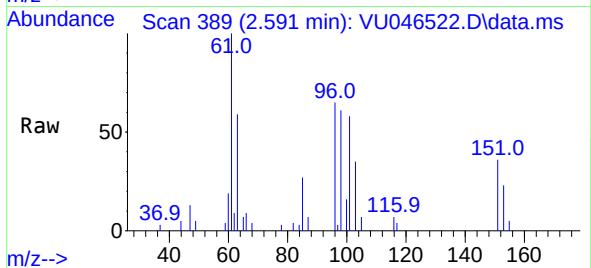




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.616 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.013 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

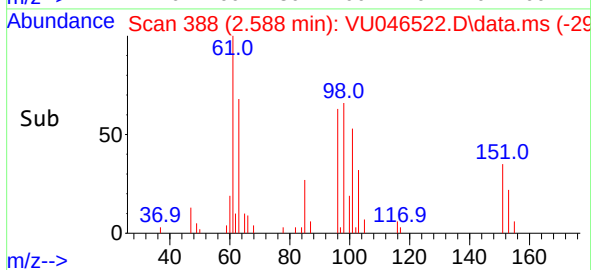
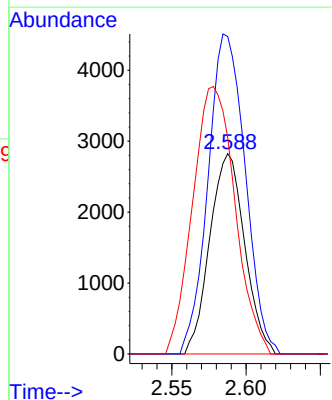
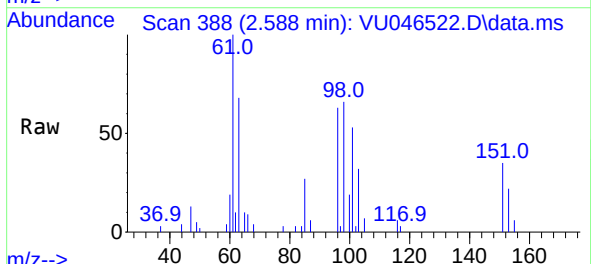
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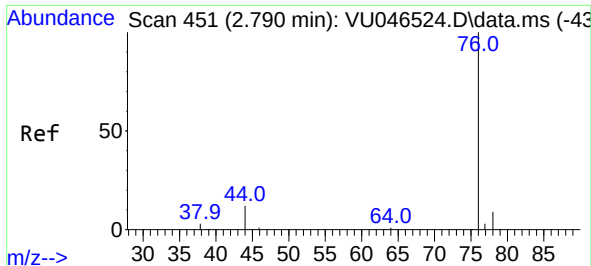
Tgt Ion:101 Resp: 4241
Ion Ratio Lower Upper
101 100
85 50.1 34.6 51.8
151 66.9 56.1 84.1



#12
1,1-Dichloroethene
Concen: 0.696 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.013 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion: 96 Resp: 4613
Ion Ratio Lower Upper
96 100
61 158.5 124.7 231.5
63 108.1 105.2 195.4

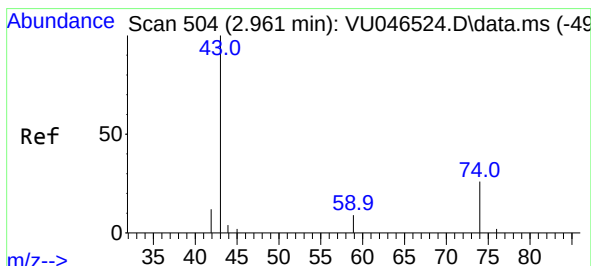
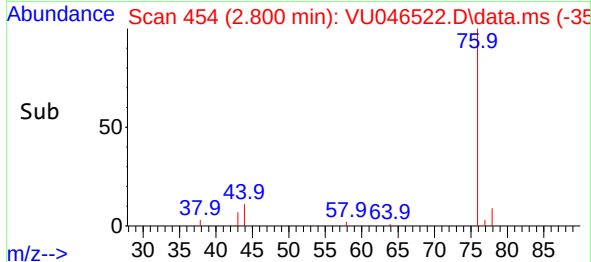
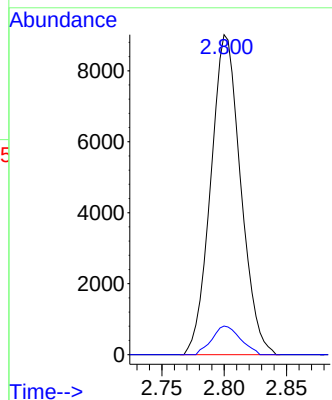
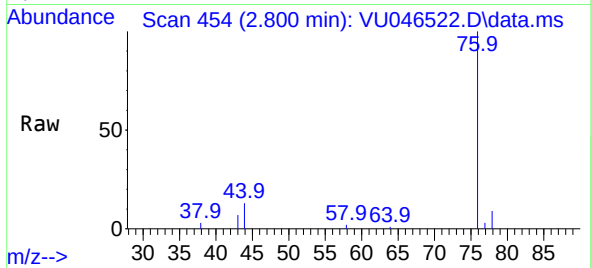




#14
Carbon disulfide
Concen: 0.709 ug/L
RT: 2.800 min Scan# 41
Delta R.T. 0.010 min
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Acq: 21 Dec 2021 11:54

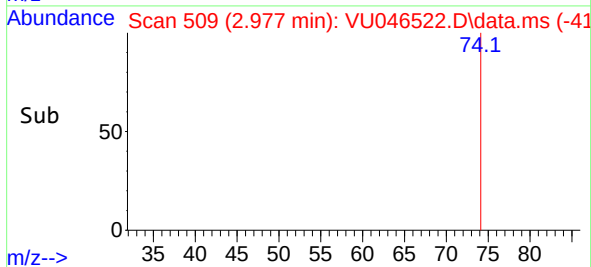
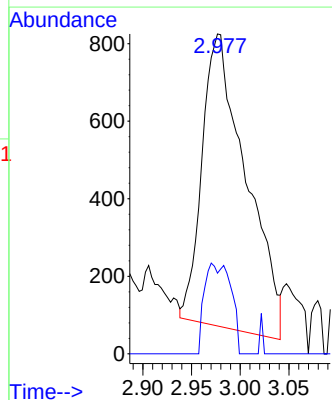
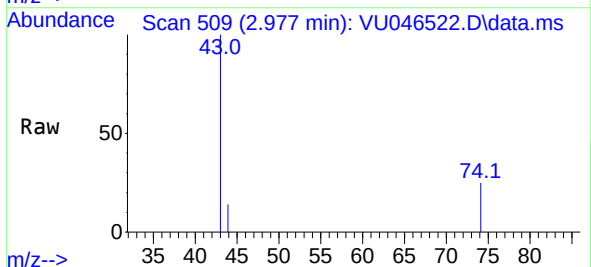
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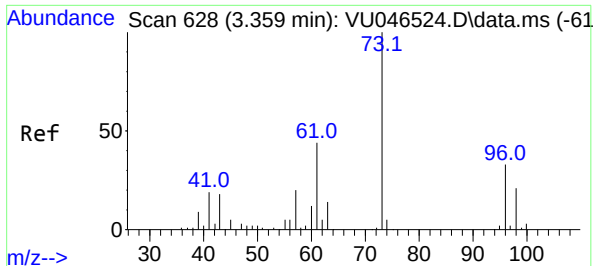
Tgt Ion: 76 Resp: 15077
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#15
Methyl Acetate
Concen: 0.703 ug/L
RT: 2.977 min Scan# 509
Delta R.T. 0.016 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

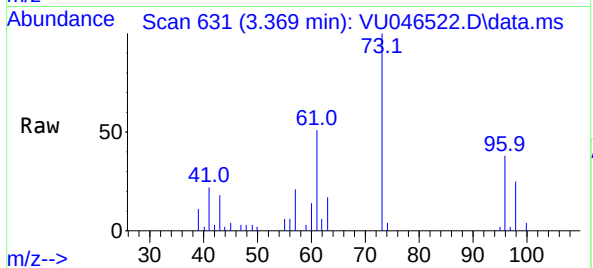
Tgt Ion: 43 Resp: 2367
Ion Ratio Lower Upper
43 100
74 9.7 19.1 28.7#



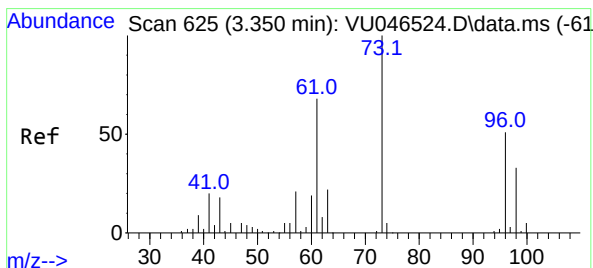
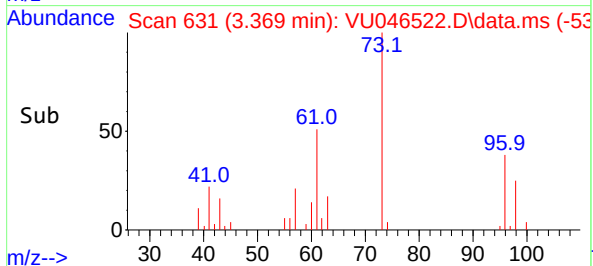
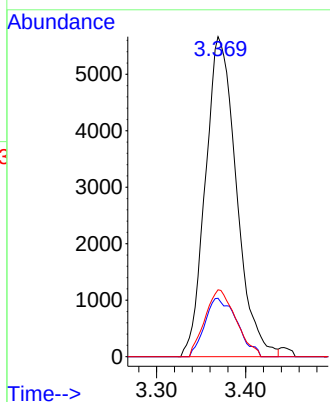


#17
Methyl tert-butyl Ether
Concen: 0.759 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU046522.D
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ClientSampleId :

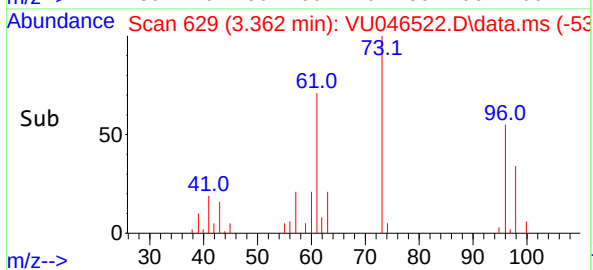
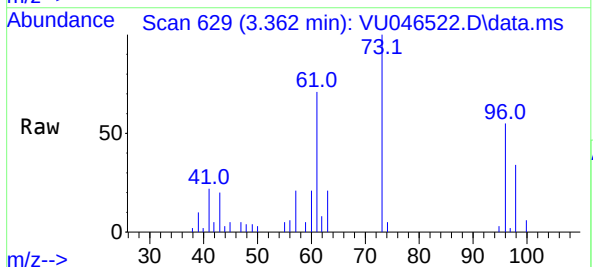
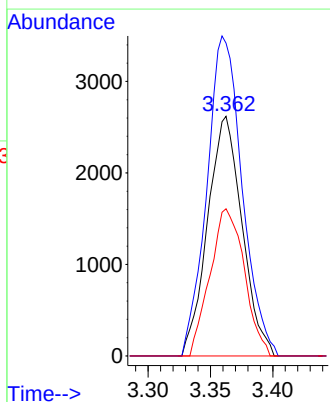


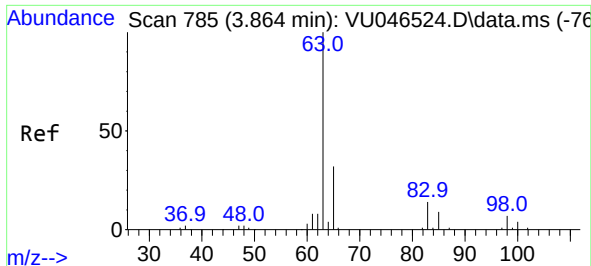
Tgt Ion: 73 Resp: 13676
Ion Ratio Lower Upper
73 100
43 18.9 14.8 22.2
57 20.9 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 0.704 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.013 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

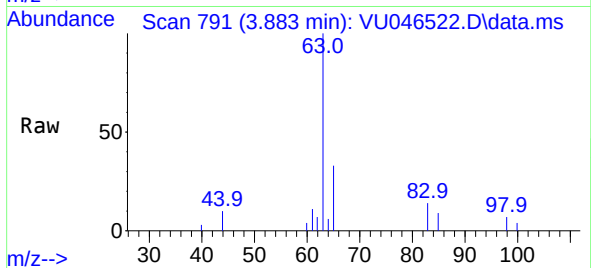
Tgt Ion: 96 Resp: 5047
Ion Ratio Lower Upper
96 100
61 130.5 100.8 187.2
98 61.4 45.1 83.7



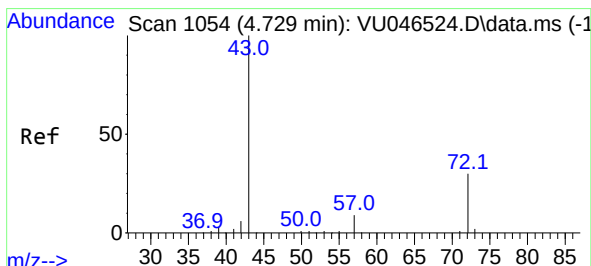
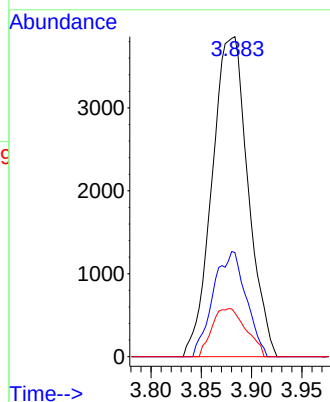
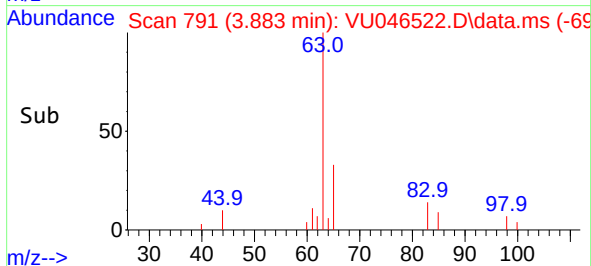


#19
1,1-Dichloroethane
Concen: 0.718 ug/L
RT: 3.883 min Scan# 719
Delta R.T. 0.019 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Instrument :
MSVOA_U
ClientSampleId :

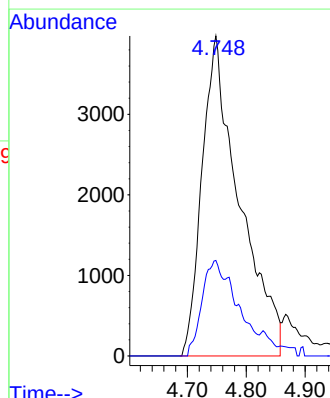
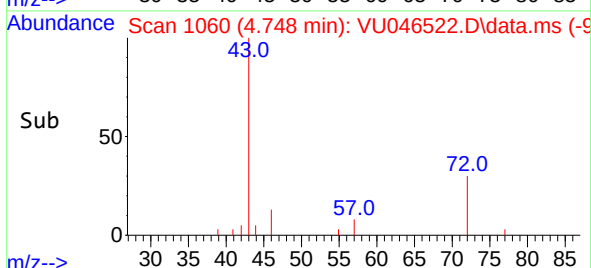
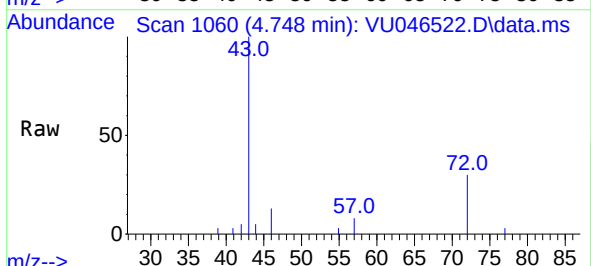


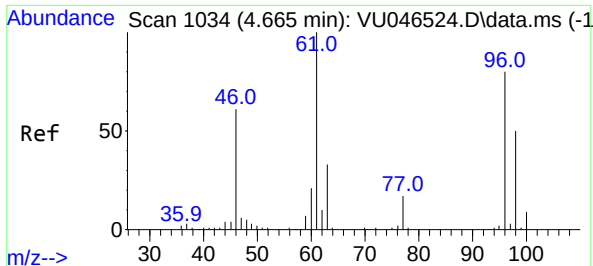
Tgt Ion: 63 Resp: 9587
Ion Ratio Lower Upper
63 100
65 32.5 22.3 41.5
83 13.7 9.6 17.8



#21
2-Butanone
Concen: 7.569 ug/L
RT: 4.748 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

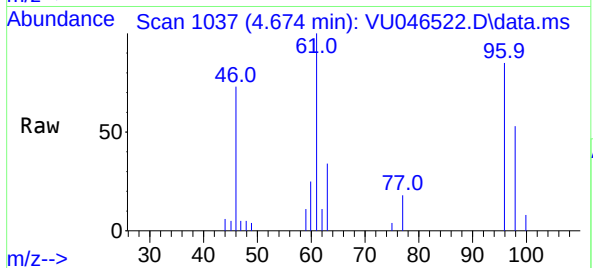
Tgt Ion: 43 Resp: 17484
Ion Ratio Lower Upper
43 100
72 16.0 14.1 42.3



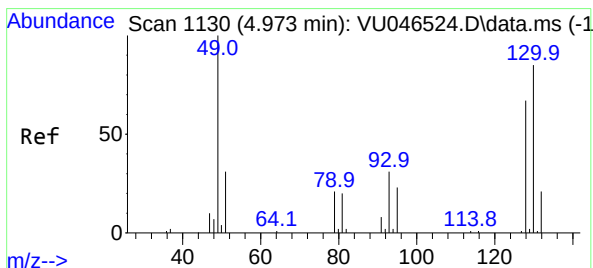
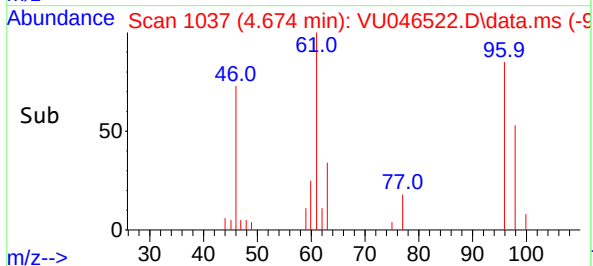
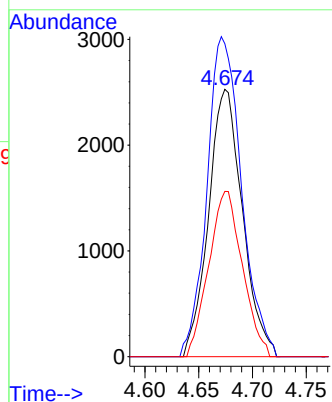


#22
cis-1,2-Dichloroethene
Concen: 0.717 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.010 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Instrument :
MSVOA_U
ClientSampleId :

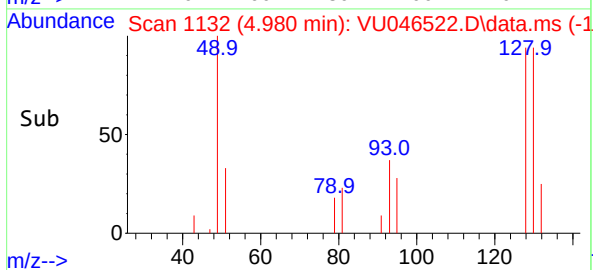
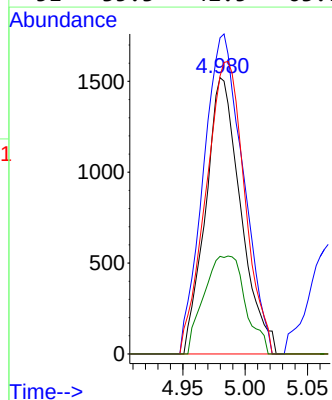
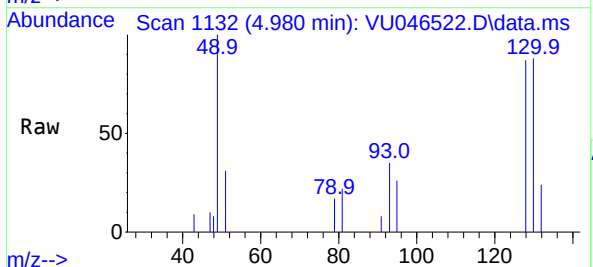


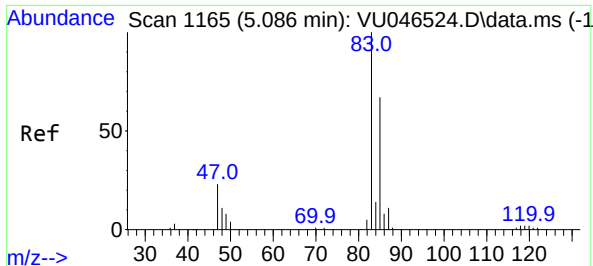
Tgt Ion: 96 Resp: 5558
Ion Ratio Lower Upper
96 100
61 117.0 88.5 164.3
98 61.8 44.4 82.5



#23
Bromochloromethane
Concen: 0.856 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion: 128 Resp: 2986
Ion Ratio Lower Upper
128 100
49 114.4 117.0 217.2#
130 100.5 88.2 163.8
51 35.3 42.5 63.7#





#25

Chloroform

Concen: 0.736 ug/L

RT: 5.092 min Scan# 1165

Delta R.T. 0.006 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

Instrument :

MSVOA_U

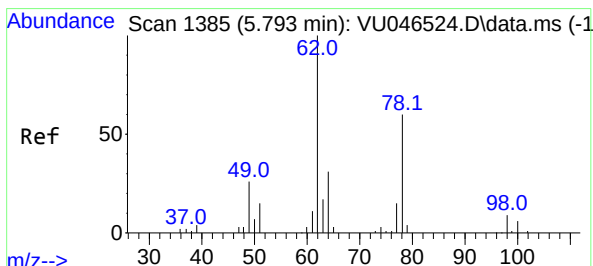
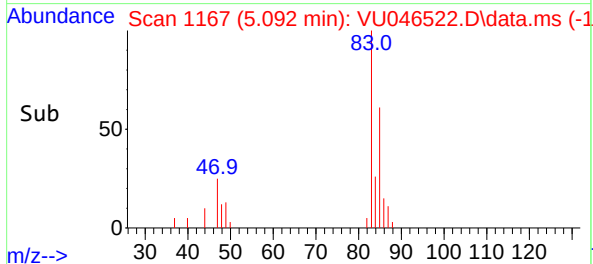
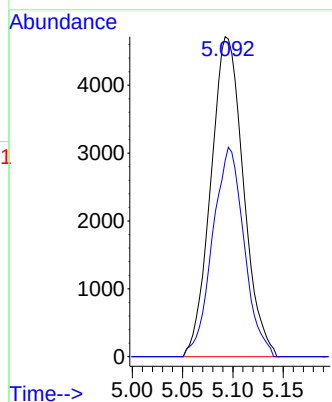
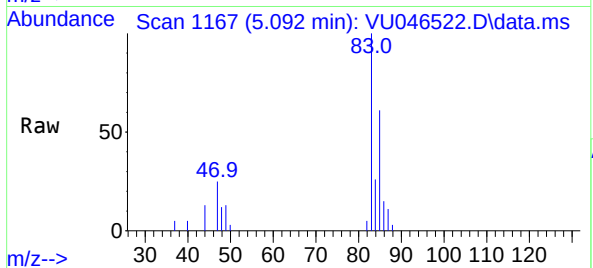
ClientSampleId :

Tgt Ion: 83 Resp: 10640

Ion Ratio Lower Upper

83 100

85 61.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 0.788 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU046522.D

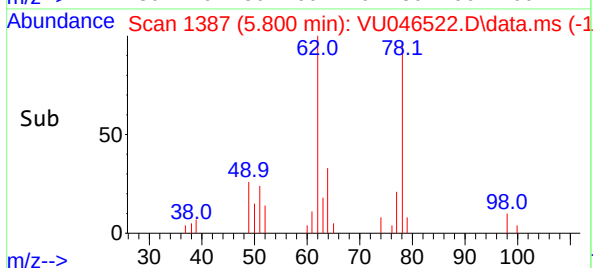
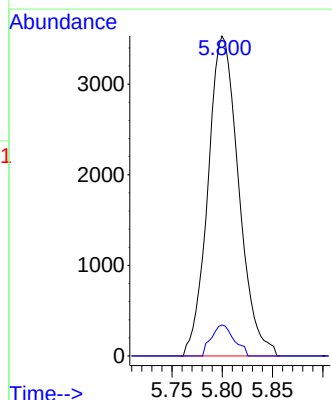
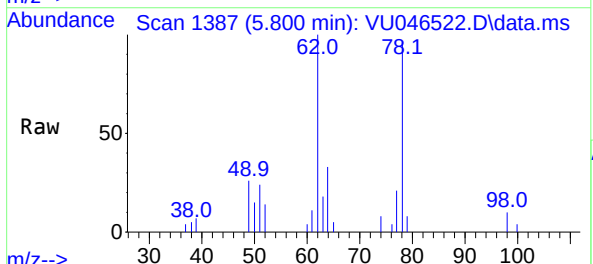
Acq: 21 Dec 2021 11:54

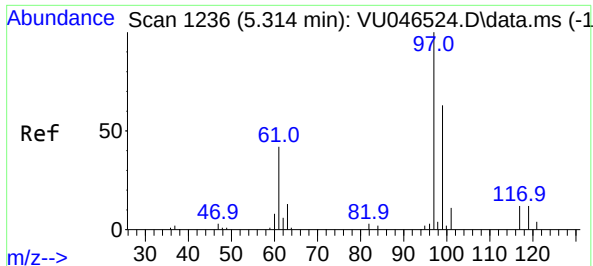
Tgt Ion: 62 Resp: 7507

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8

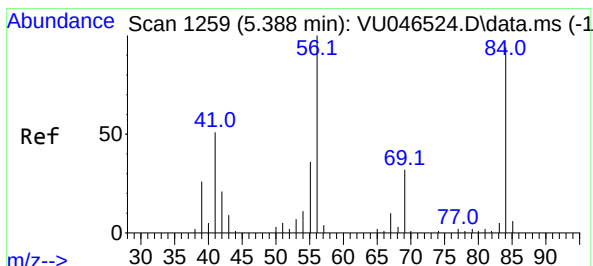
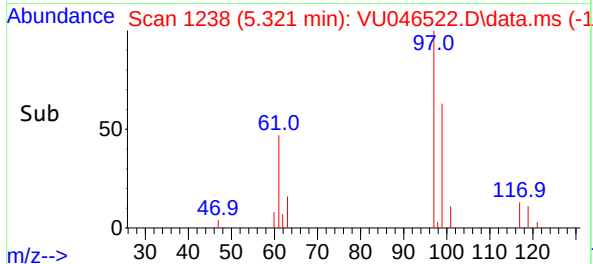
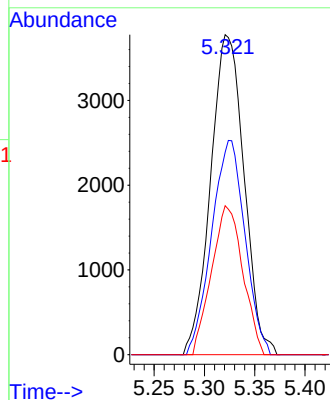
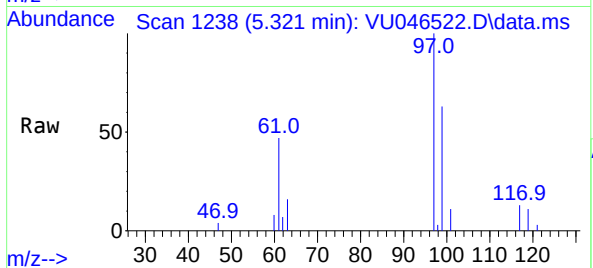




#29
1,1,1-Trichloroethane
Concen: 0.732 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

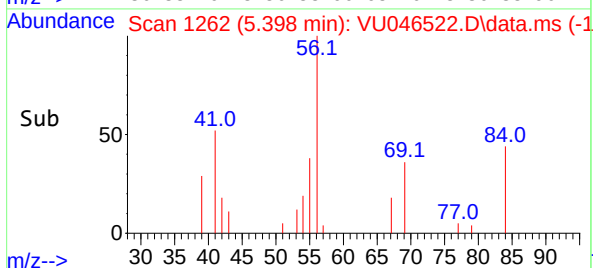
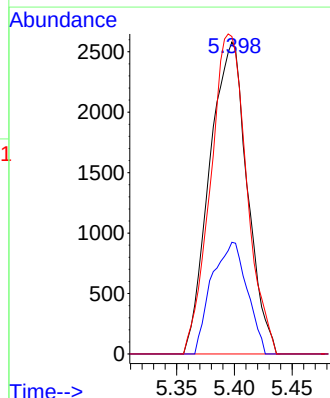
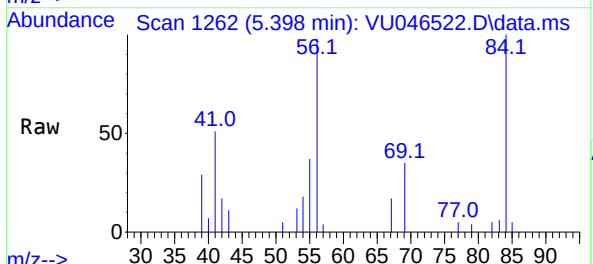
Instrument :
MSVOA_U
ClientSampleId :

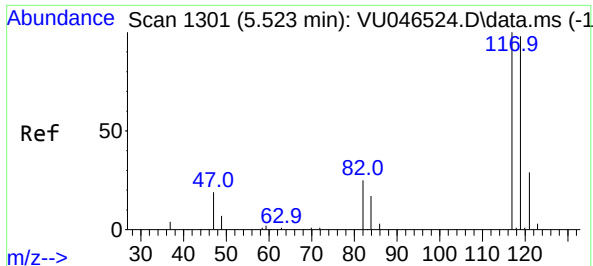
Tgt Ion: 97 Resp: 8718
Ion Ratio Lower Upper
97 100
99 66.8 51.3 76.9
61 43.6 36.1 54.1



#30
Cyclohexane
Concen: 0.519 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion: 56 Resp: 5846
Ion Ratio Lower Upper
56 100
69 33.6 24.7 37.1
84 98.7 71.8 107.6

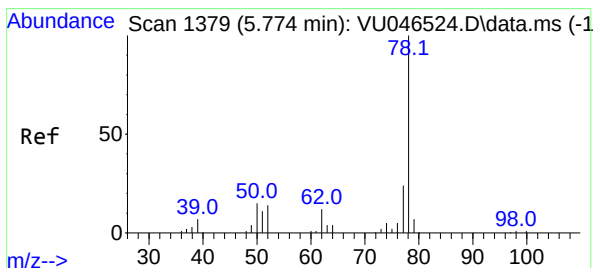
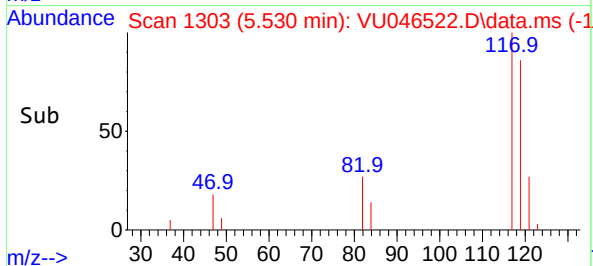
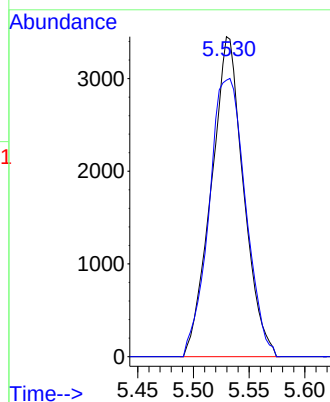
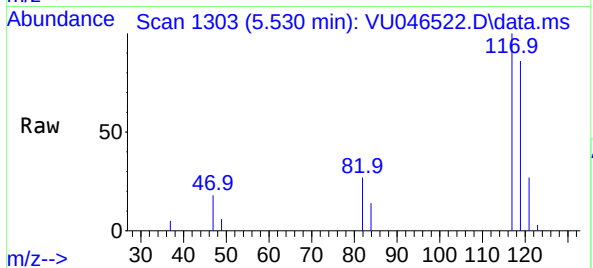




#31
Carbon tetrachloride
Concen: 0.699 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

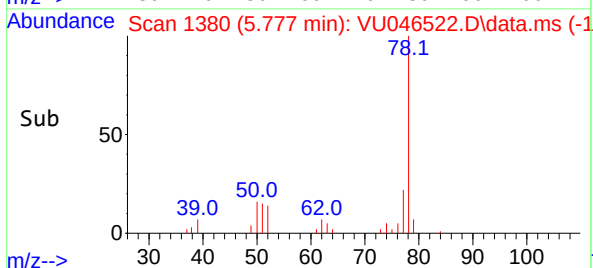
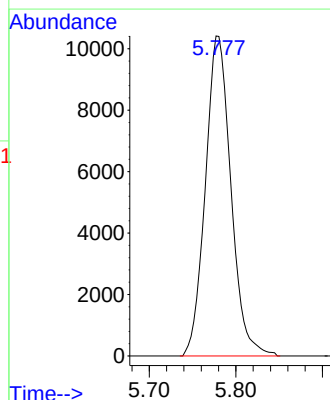
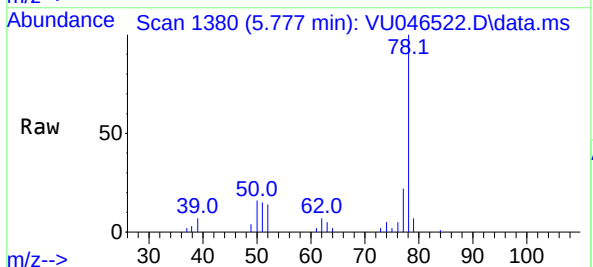
Instrument :
MSVOA_U
ClientSampleId :

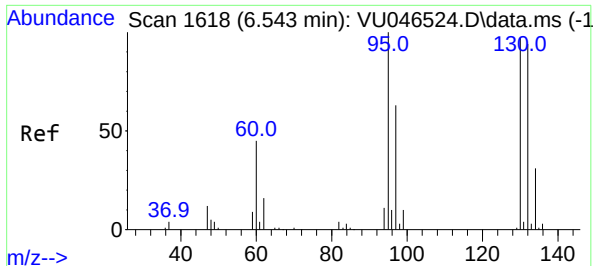
Tgt Ion:117 Resp: 6944
Ion Ratio Lower Upper
117 100
119 98.2 77.5 116.3



#33
Benzene
Concen: 0.713 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

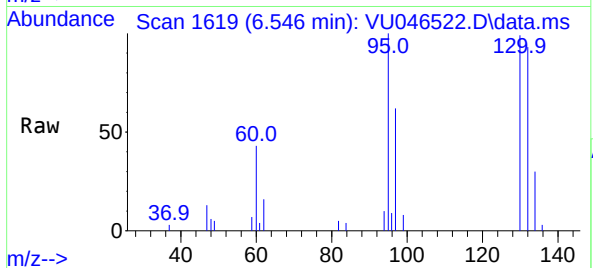
Tgt Ion: 78 Resp: 21365





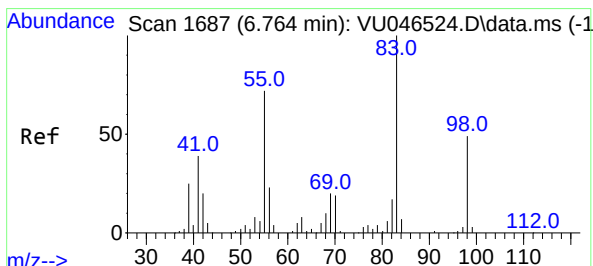
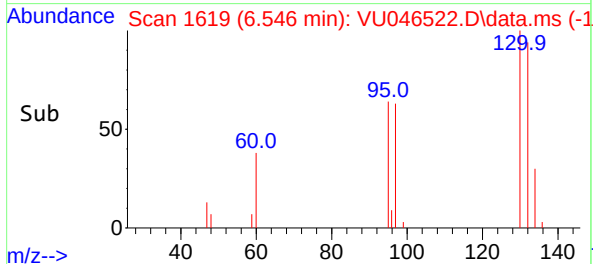
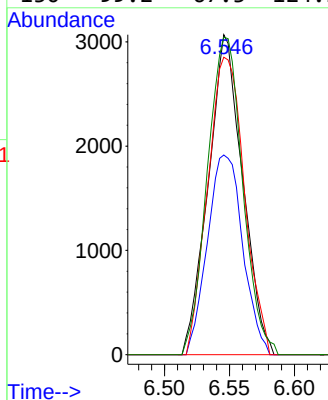
#34
Trichloroethene
Concen: 0.724 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 5634

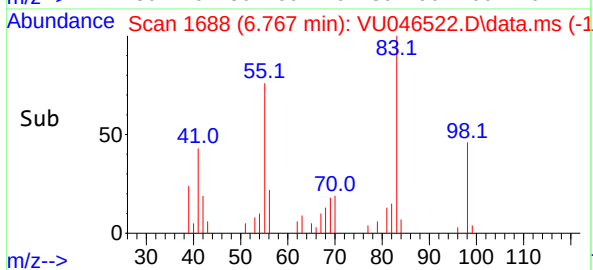
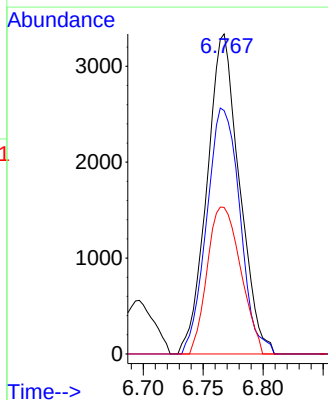
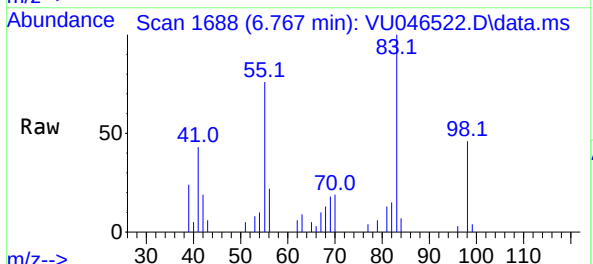
Ion	Ratio	Lower	Upper
95	100		
97	62.4	46.5	86.5
132	93.0	65.1	120.9
130	99.2	67.3	124.9

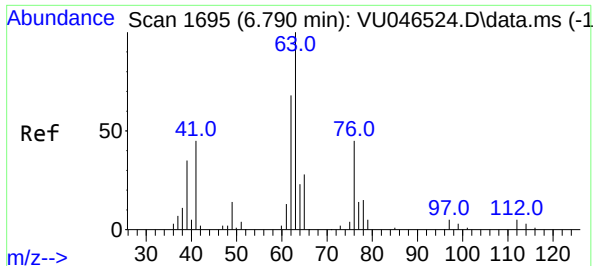


#35
Methylcyclohexane
Concen: 0.536 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion: 83 Resp: 6275

Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.9	92.9
98	47.3	39.0	58.6

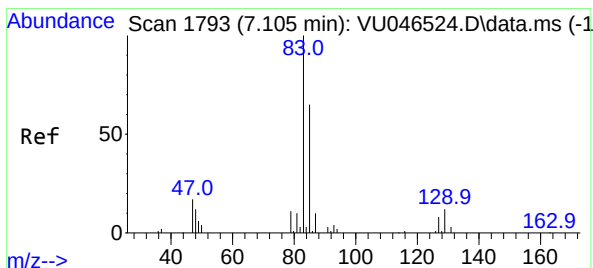
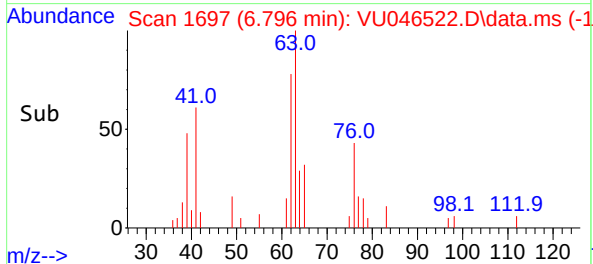
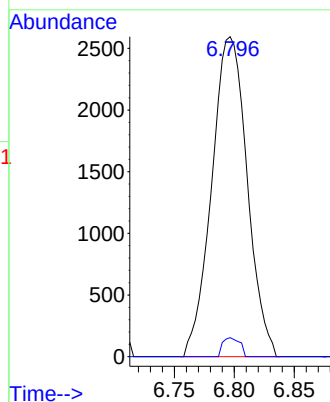
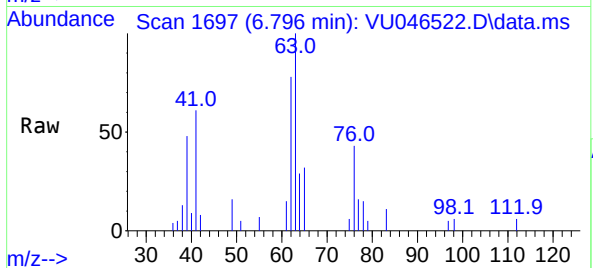




#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.796 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

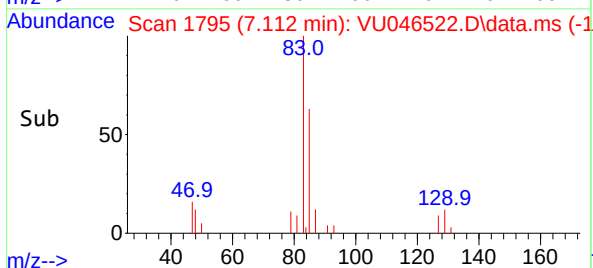
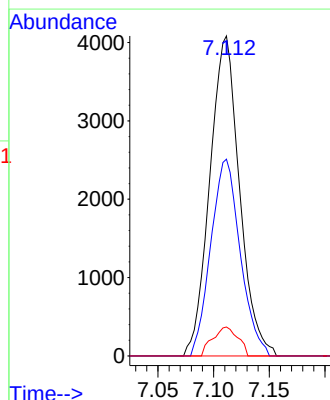
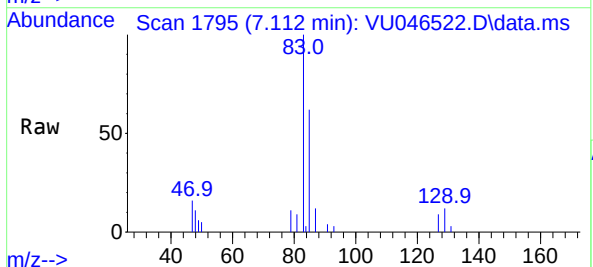
Instrument :
MSVOA_U
ClientSampleId :

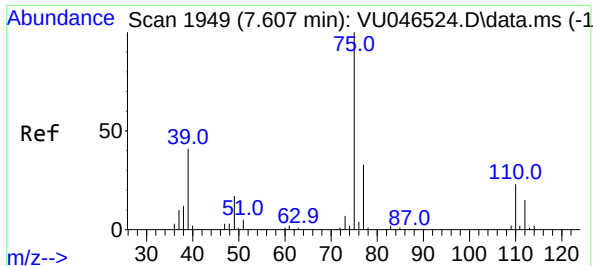
Tgt Ion: 63 Resp: 5342
Ion Ratio Lower Upper
63 100
112 2.8 3.2 4.8#



#38
Bromodichloromethane
Concen: 0.765 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion: 83 Resp: 7584
Ion Ratio Lower Upper
83 100
85 61.5 44.0 81.8
127 9.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

Instrument :

MSVOA_U

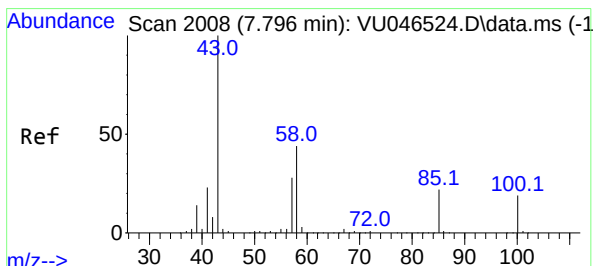
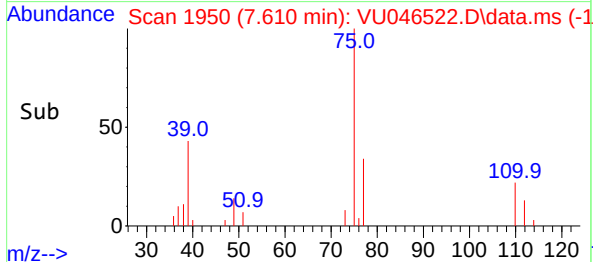
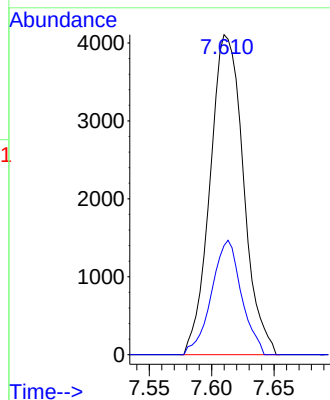
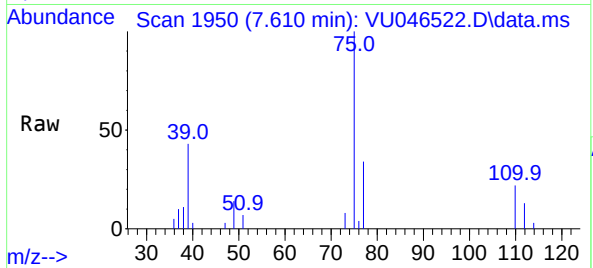
ClientSampleId :

Tgt Ion: 75 Resp: 7651

Ion Ratio Lower Upper

75 100

77 34.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 7.054 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

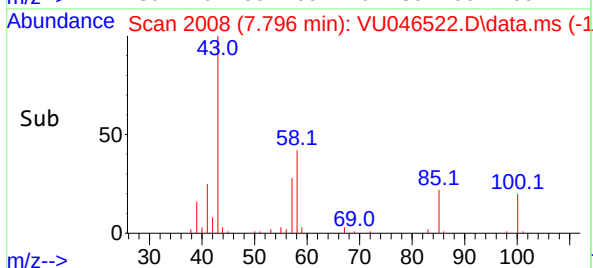
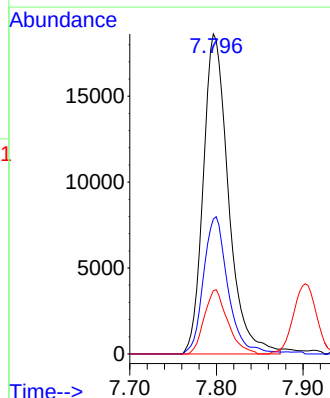
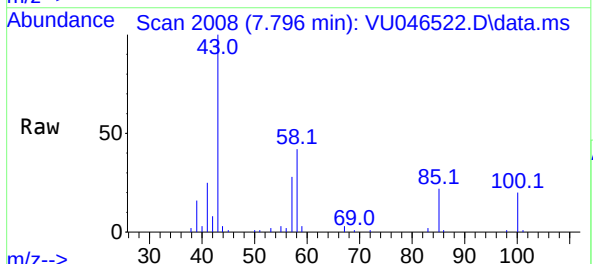
Tgt Ion: 43 Resp: 37638

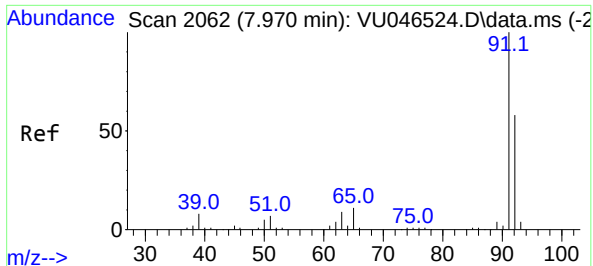
Ion Ratio Lower Upper

43 100

58 41.8 33.1 49.7

100 18.6 13.2 19.8





#42

Toluene

Concen: 0.660 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

Instrument :

MSVOA_U

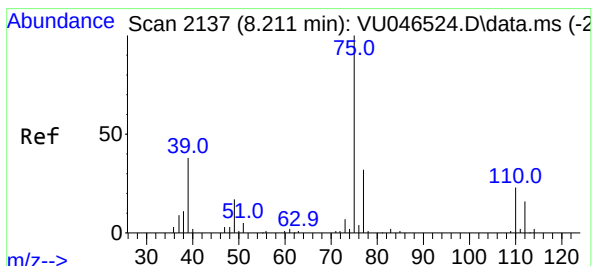
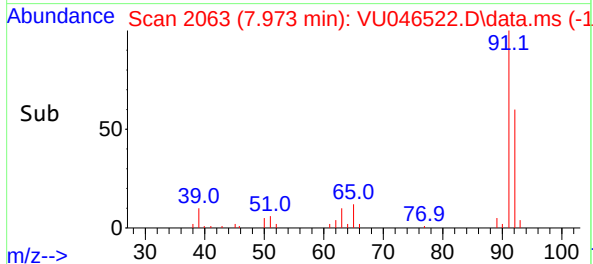
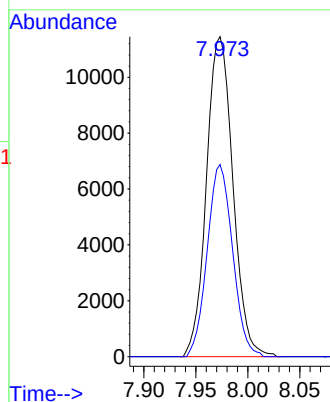
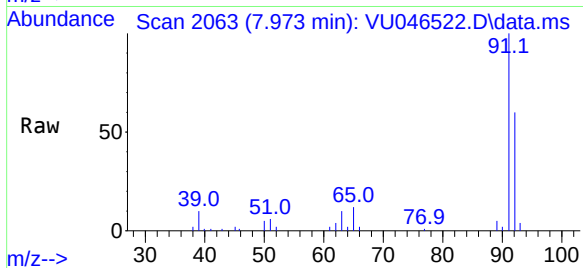
ClientSampleId :

Tgt Ion: 91 Resp: 20319

Ion Ratio Lower Upper

91 100

92 60.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 0.697 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046522.D

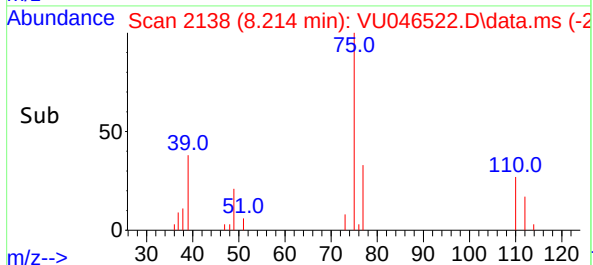
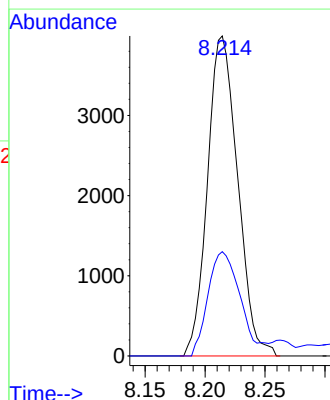
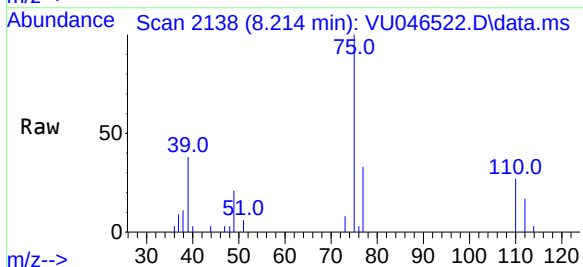
Acq: 21 Dec 2021 11:54

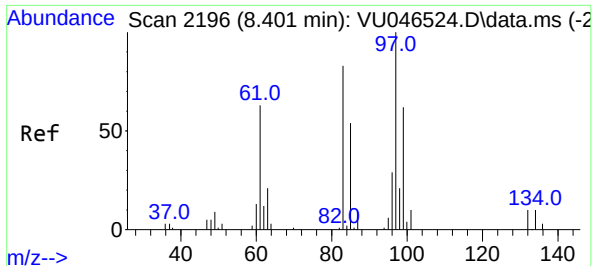
Tgt Ion: 75 Resp: 6983

Ion Ratio Lower Upper

75 100

77 32.6 22.7 42.3



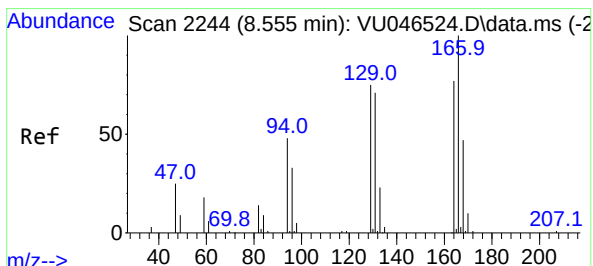
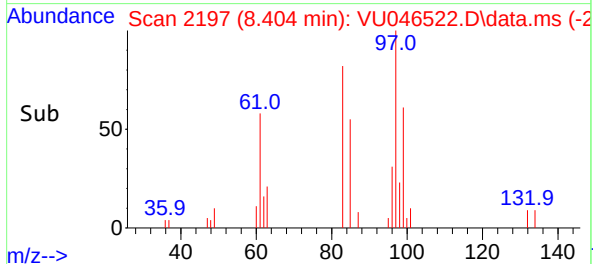
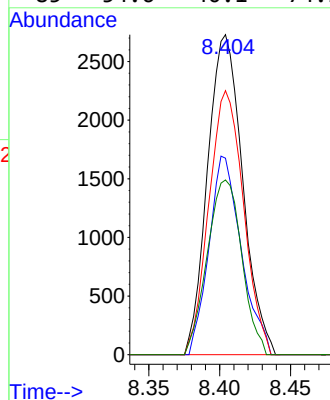
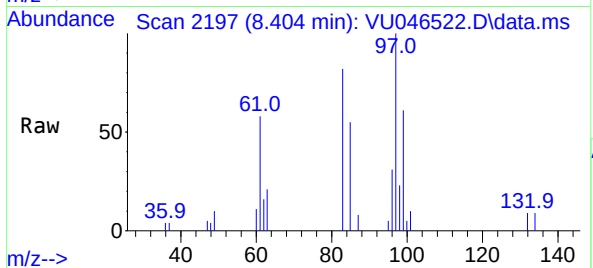


#45
1,1,2-Trichloroethane
Concen: 0.774 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4696

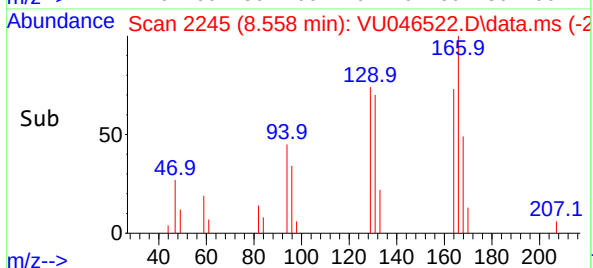
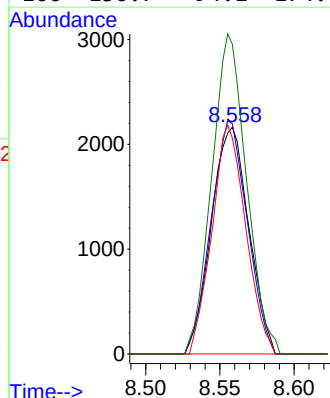
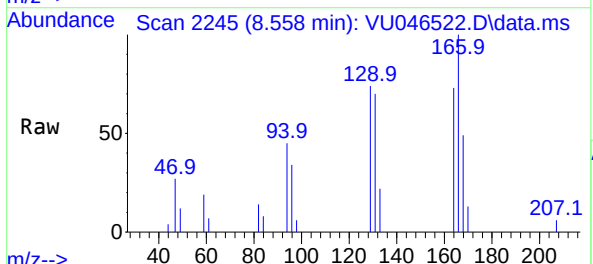
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.3	78.5
83	82.5	62.0	115.2
85	54.6	40.1	74.5

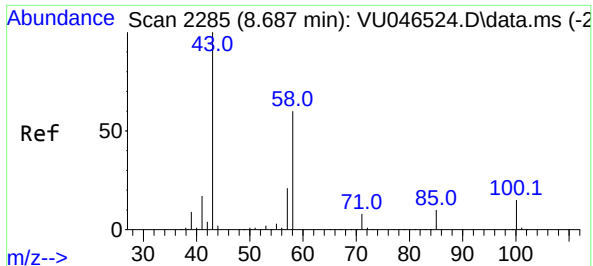


#47
Tetrachloroethene
Concen: 0.704 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion: 164 Resp: 3801

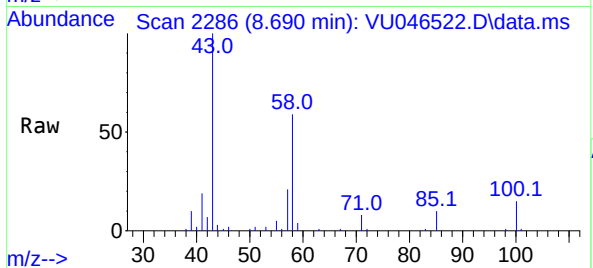
Ion	Ratio	Lower	Upper
164	100		
129	101.5	71.8	133.4
131	95.1	68.5	127.3
166	136.7	94.1	174.8



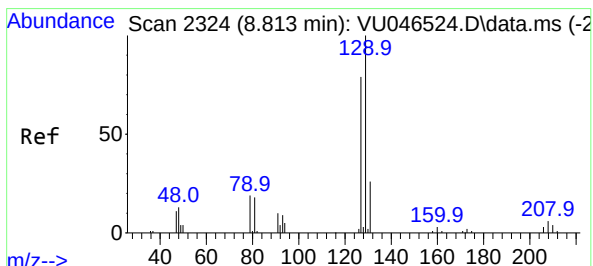
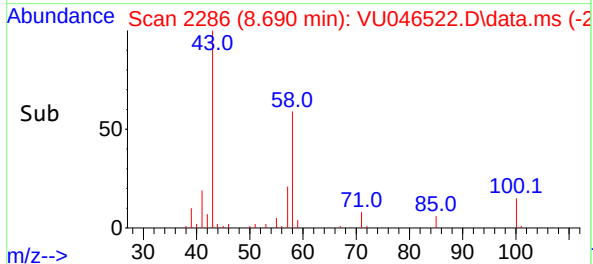
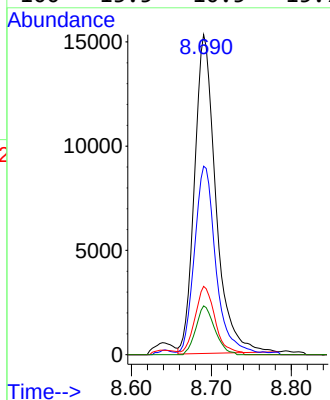


#48
2-Hexanone
Concen: 7.398 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Instrument :
MSVOA_U
ClientSampleId :

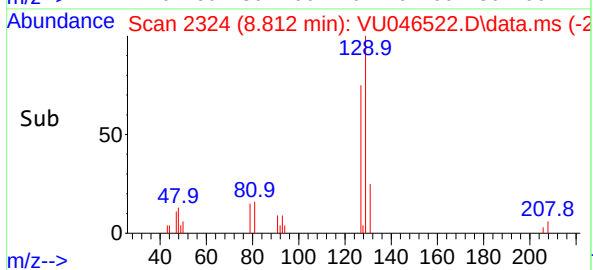
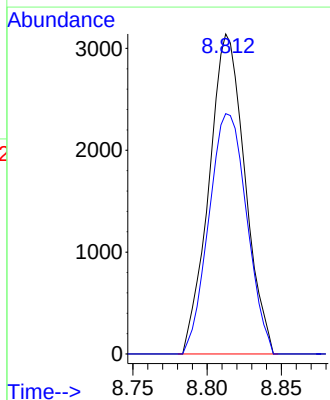
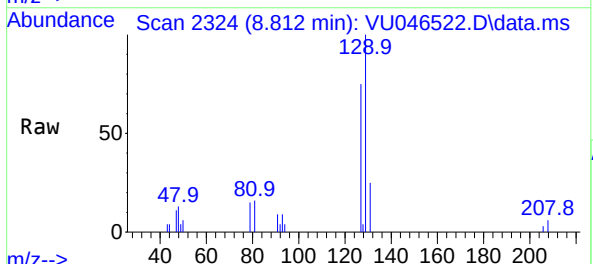


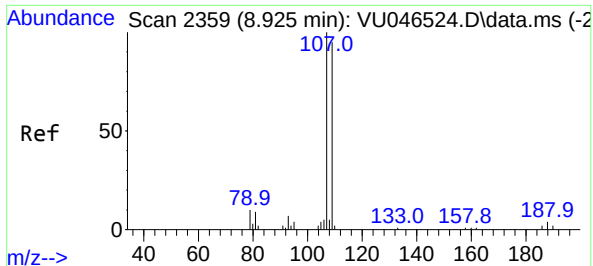
Tgt Ion: 43 Resp: 28425
Ion Ratio Lower Upper
43 100
58 58.1 46.7 70.1
57 20.4 16.3 24.5
100 13.5 10.5 15.7



#49
Dibromochloromethane
Concen: 0.767 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion: 129 Resp: 5293
Ion Ratio Lower Upper
129 100
127 75.1 55.4 102.8





#50

1,2-Dibromoethane

Concen: 0.782 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046522.D

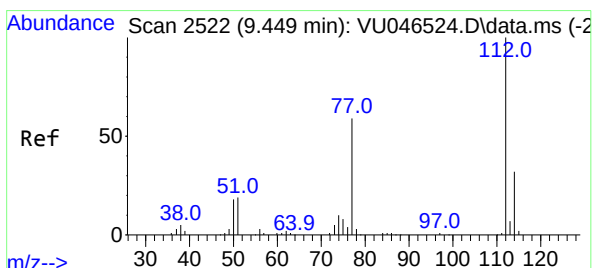
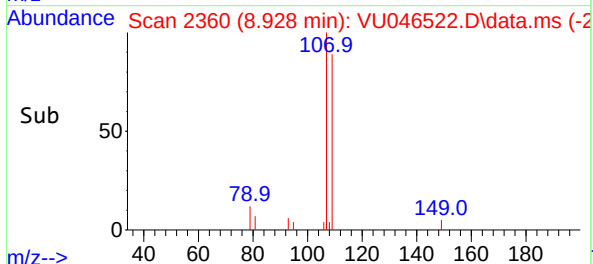
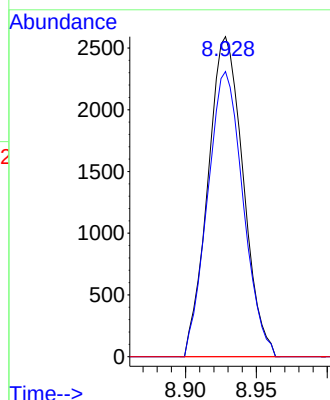
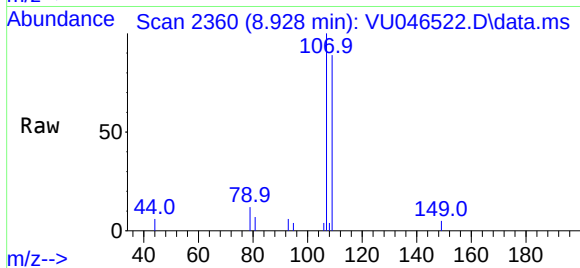
Acq: 21 Dec 2021 11:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	4472
Ion Ratio	Lower	Upper
107	100	
109	89.1	64.0 119.0
188	0.0	2.4 3.6#



#51

Chlorobenzene

Concen: 0.741 ug/L

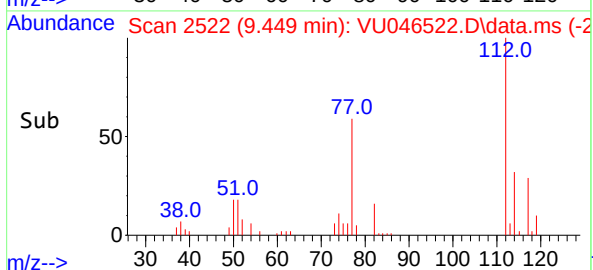
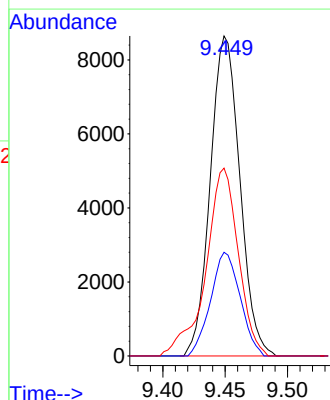
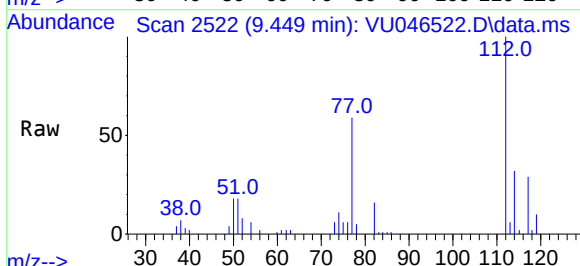
RT: 9.449 min Scan# 2522

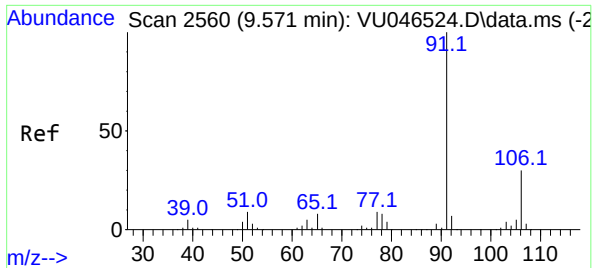
Delta R.T. -0.000 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

Tgt Ion:112	Resp:	14280
Ion Ratio	Lower	Upper
112	100	
114	32.4	22.1 41.1
77	58.7	48.3 72.5





#52

Ethylbenzene

Concen: 0.643 ug/L

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

Instrument :

MSVOA_U

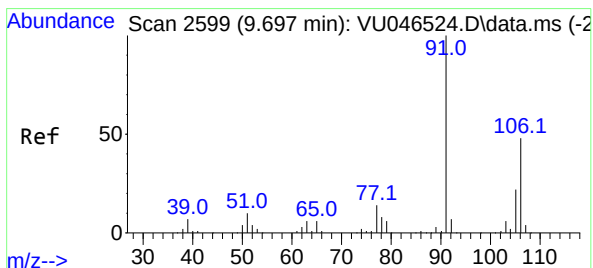
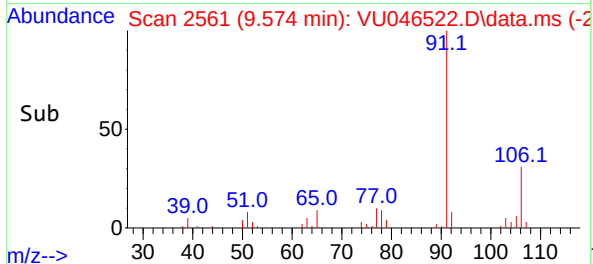
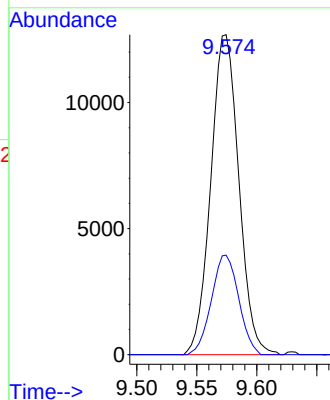
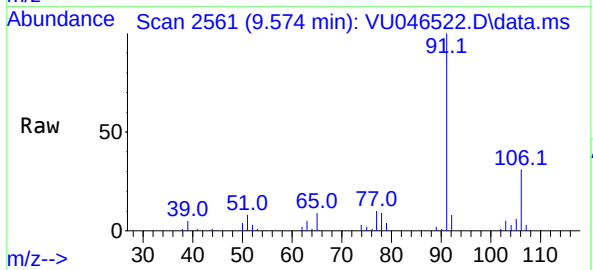
ClientSampleId :

Tgt Ion: 91 Resp: 20604

Ion Ratio Lower Upper

91 100

106 31.1 21.5 39.9



#53

m,p-Xylene

Concen: 0.624 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU046522.D

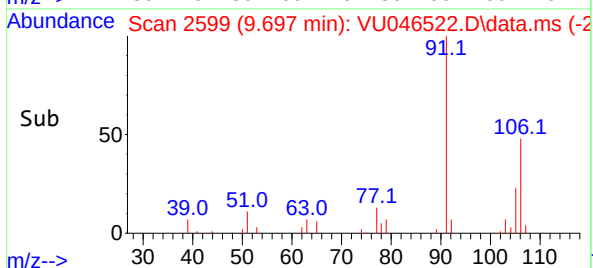
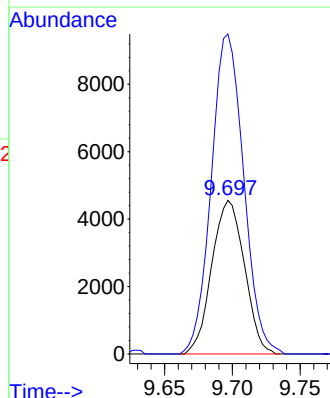
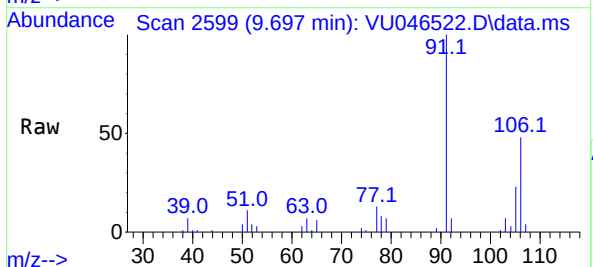
Acq: 21 Dec 2021 11:54

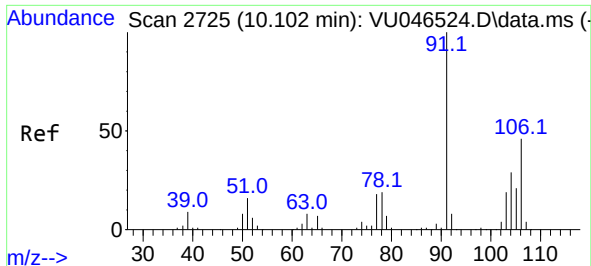
Tgt Ion:106 Resp: 7626

Ion Ratio Lower Upper

106 100

91 208.3 139.4 259.0

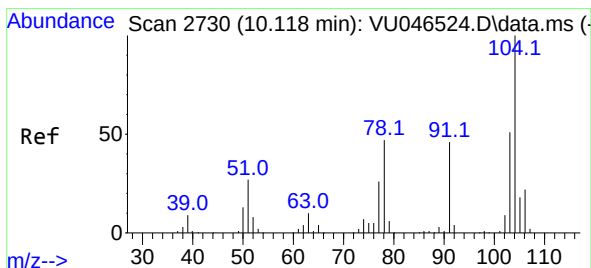
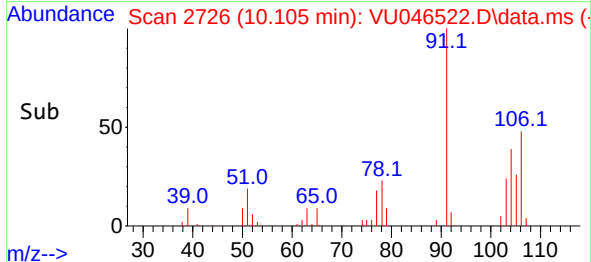
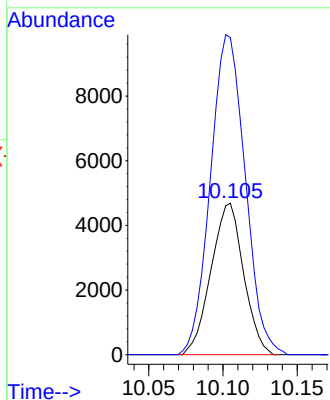
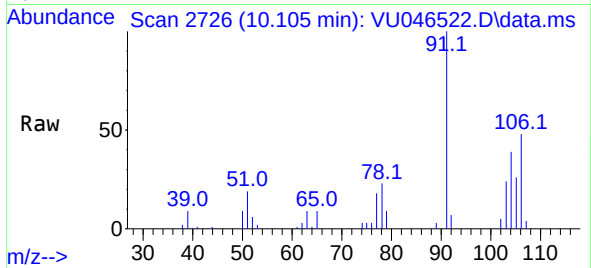




#54
o-Xylene
Concen: 0.601 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

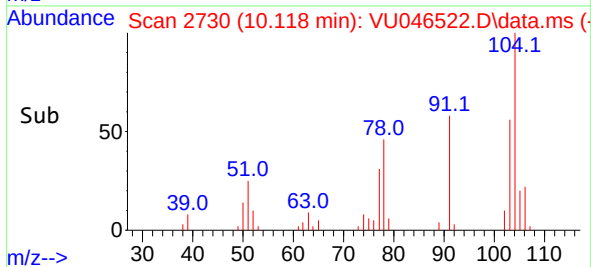
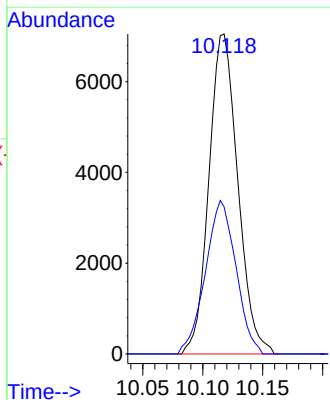
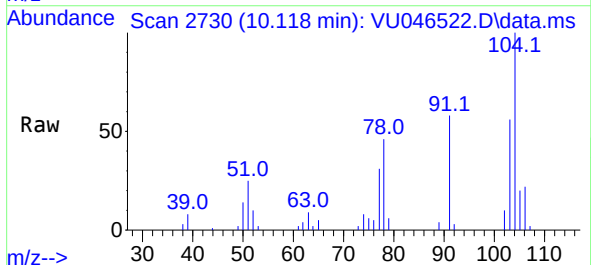
Instrument :
MSVOA_U
ClientSampleId :

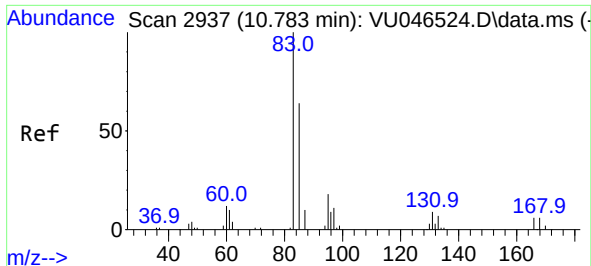
Tgt Ion:106 Resp: 7142
Ion Ratio Lower Upper
106 100
91 209.3 147.5 273.9



#55
Styrene
Concen: 0.588 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion:104 Resp: 11807
Ion Ratio Lower Upper
104 100
78 46.0 33.0 61.4

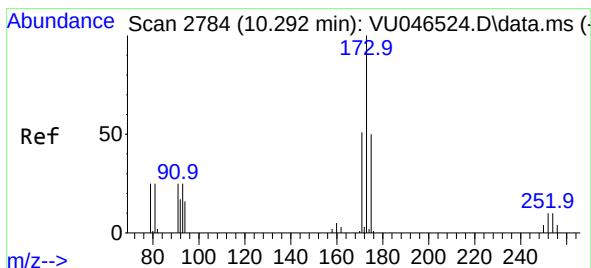
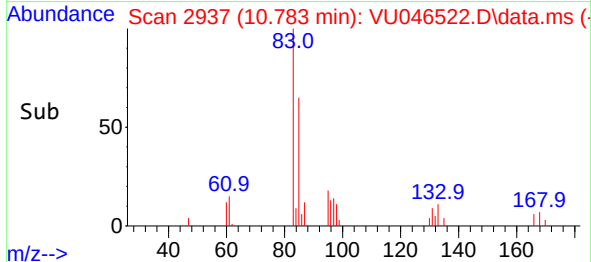
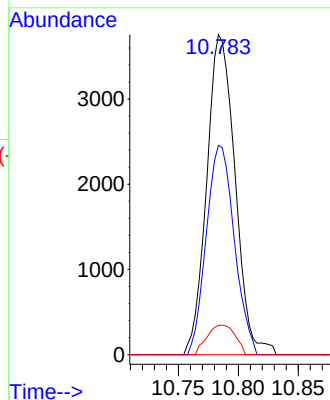
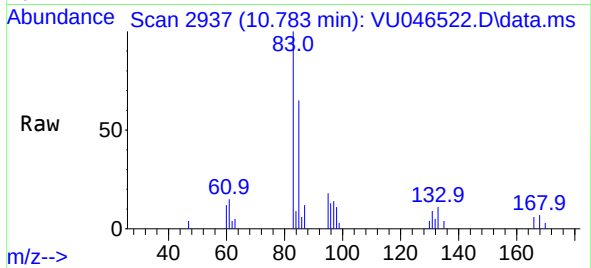




#57
1,1,2,2-Tetrachloroethane
Concen: 0.799 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

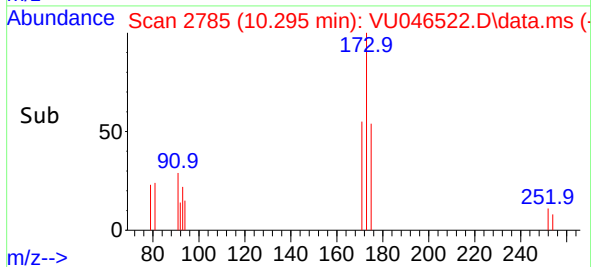
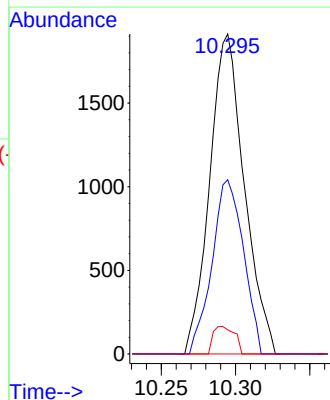
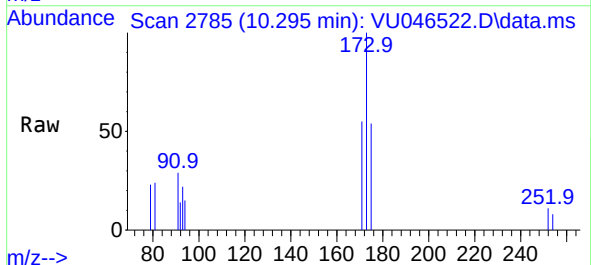
Instrument :
MSVOA_U
ClientSampleId :

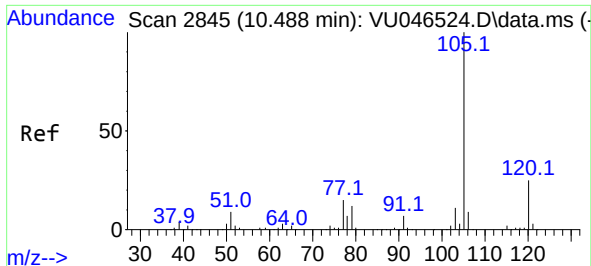
Tgt Ion: 83 Resp: 6178
Ion Ratio Lower Upper
83 100
85 65.4 47.9 89.1
131 9.1 8.1 12.1



#59
Bromoform
Concen: 0.823 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion:173 Resp: 3101
Ion Ratio Lower Upper
173 100
175 49.3 37.8 56.6
254 5.3 7.3 10.9#

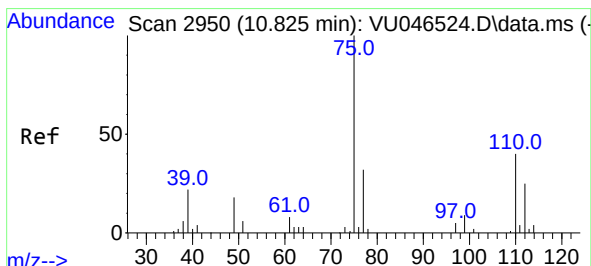
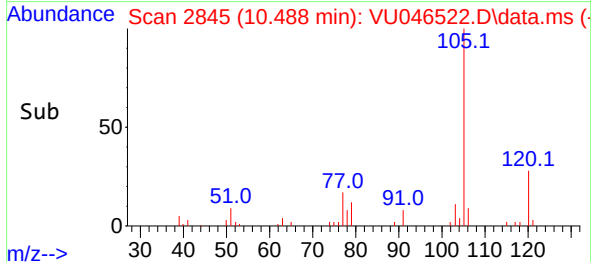
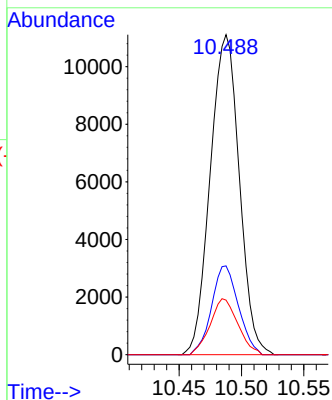
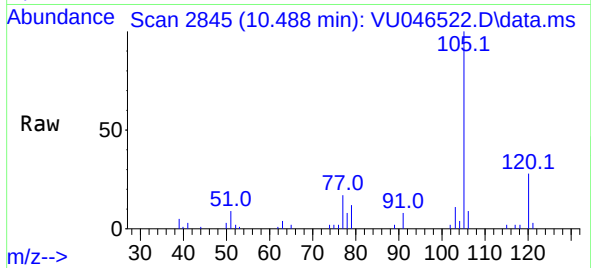




#60
Isopropylbenzene
Concen: 0.588 ug/L
RT: 10.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

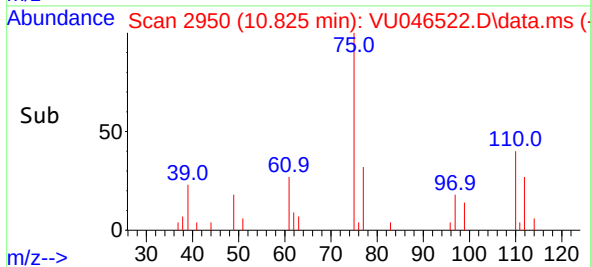
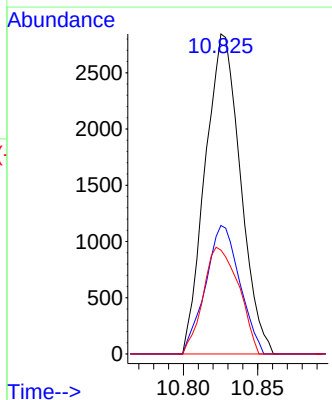
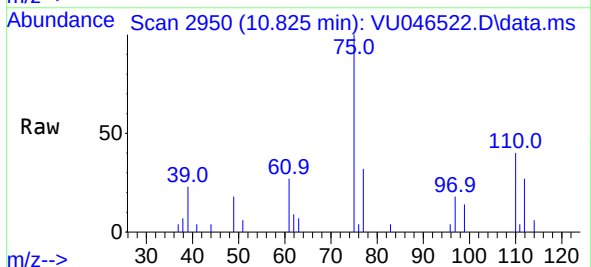
Instrument :
MSVOA_U
ClientSampleId :

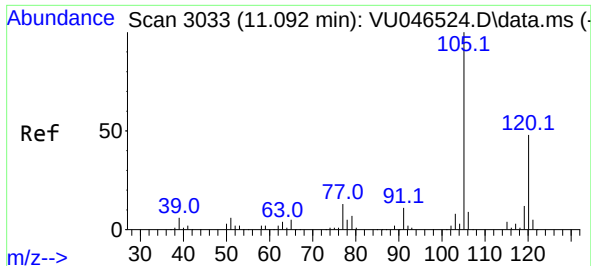
Tgt Ion:105 Resp: 18030
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 16.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.821 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion: 75 Resp: 4695
Ion Ratio Lower Upper
75 100
110 39.0 29.9 44.9
77 33.5 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 0.558 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

Instrument :

MSVOA_U

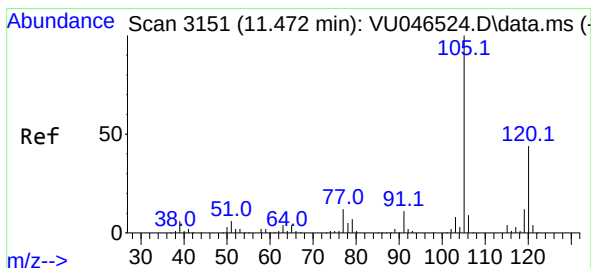
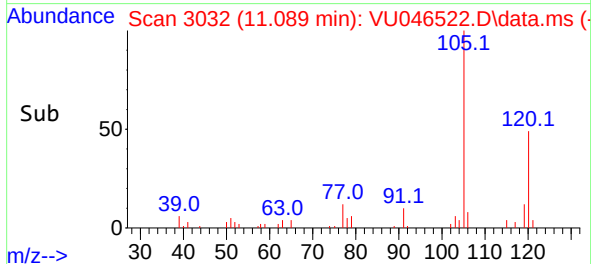
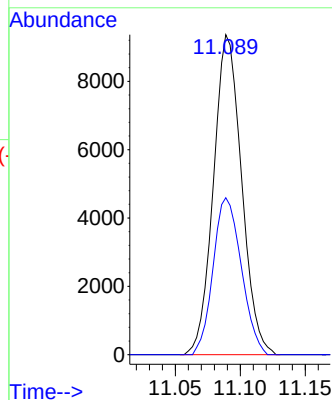
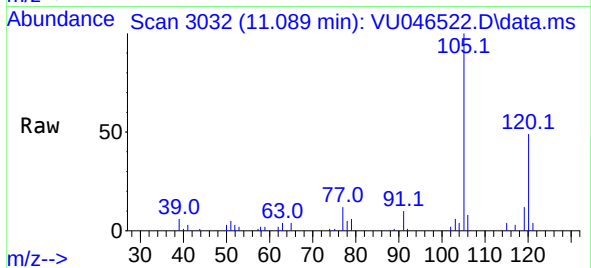
ClientSampleId :

Tgt Ion:105 Resp: 14086

Ion Ratio Lower Upper

105 100

120 49.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.532 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046522.D

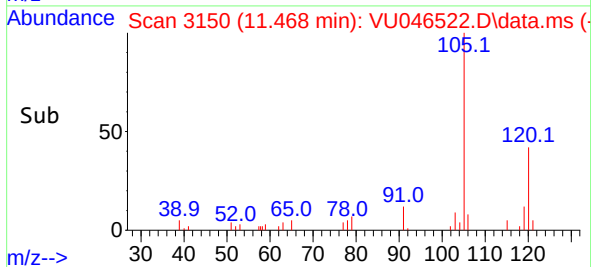
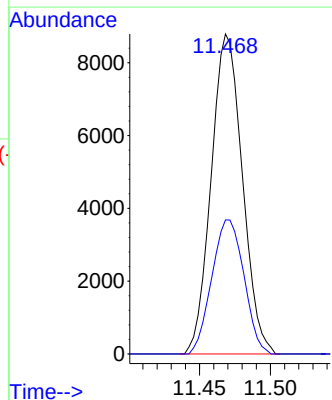
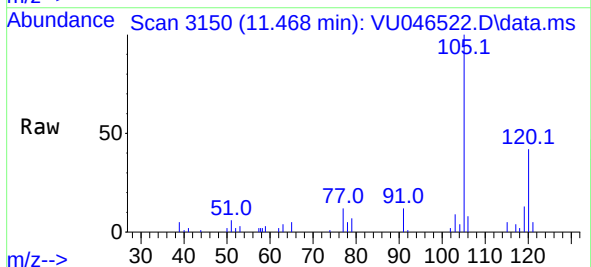
Acq: 21 Dec 2021 11:54

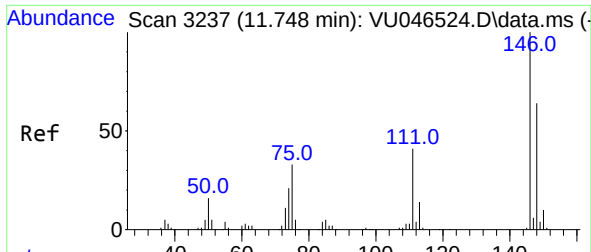
Tgt Ion:105 Resp: 13466

Ion Ratio Lower Upper

105 100

120 43.1 35.8 53.8

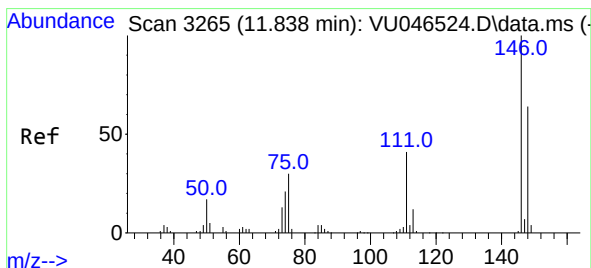
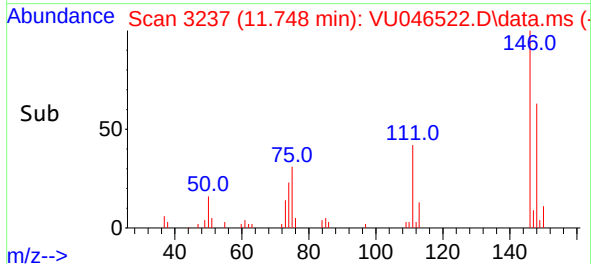
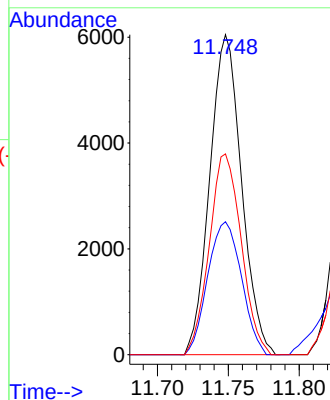
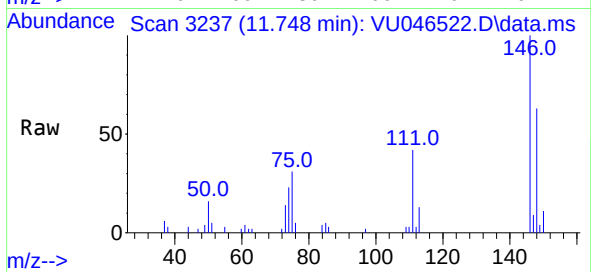




#64
1,3-Dichlorobenzene
Concen: 0.655 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

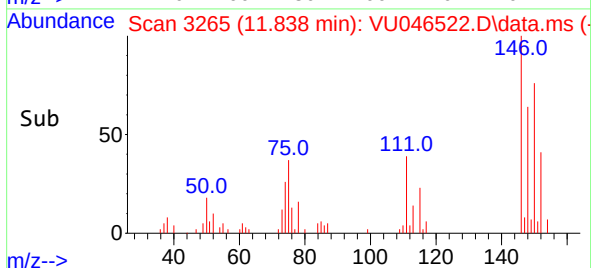
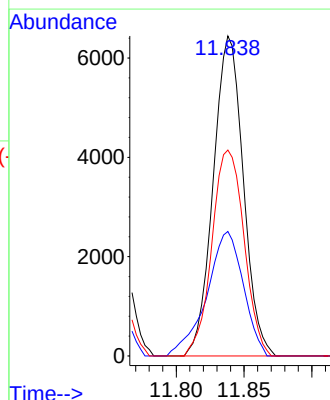
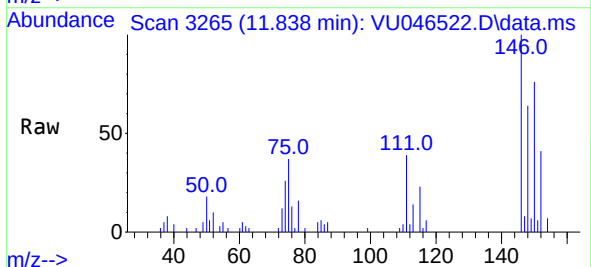
Instrument :
MSVOA_U
ClientSampleId :

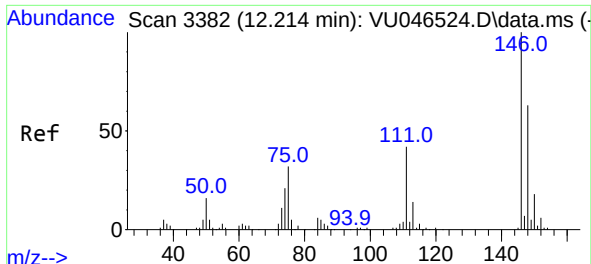
Tgt Ion:146 Resp: 9415
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 62.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.680 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion:146 Resp: 9927
Ion Ratio Lower Upper
146 100
111 38.9 28.7 53.3
148 64.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.714 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

Instrument :

MSVOA_U

ClientSampleId :

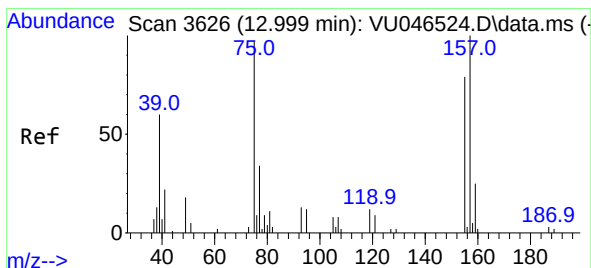
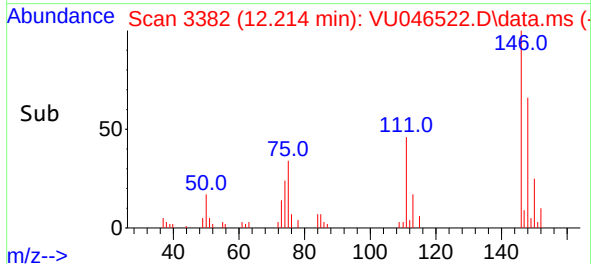
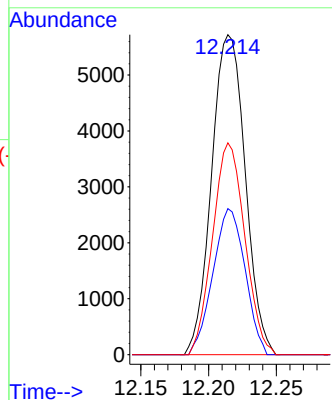
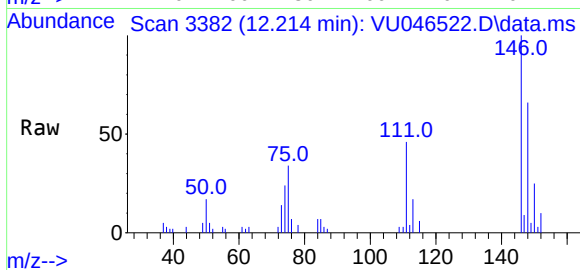
Tgt Ion:146 Resp: 9898

Ion Ratio Lower Upper

146 100

111 45.7 35.4 53.0

148 66.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.790 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

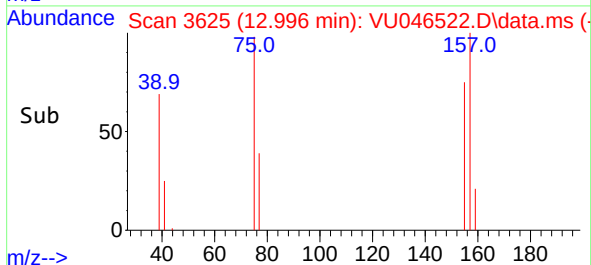
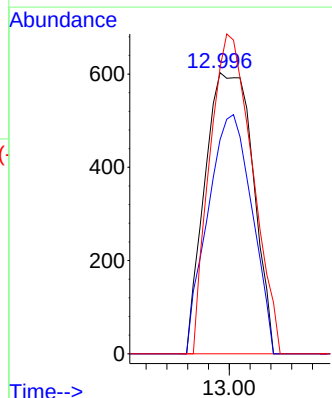
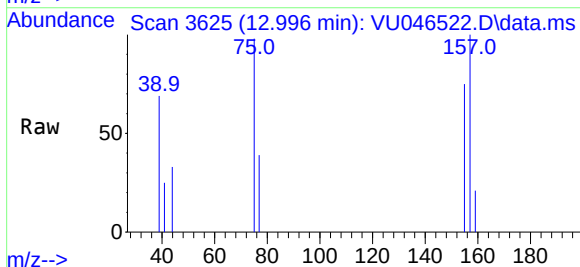
Tgt Ion: 75 Resp: 969

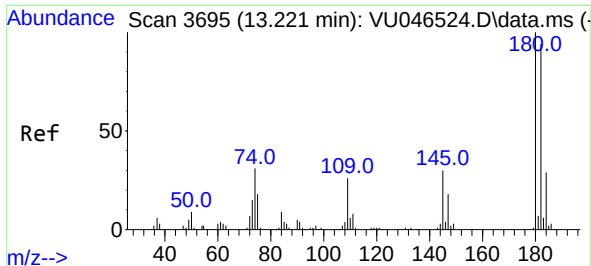
Ion Ratio Lower Upper

75 100

155 76.1 59.2 88.8

157 101.7 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 0.647 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 6981

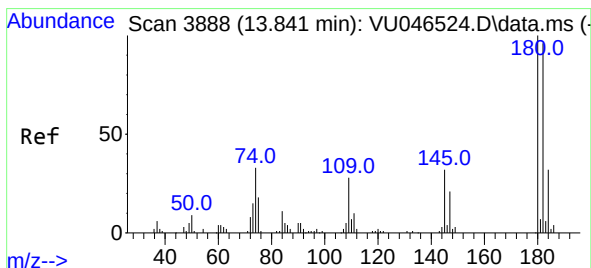
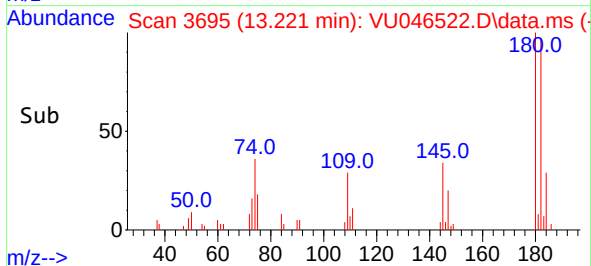
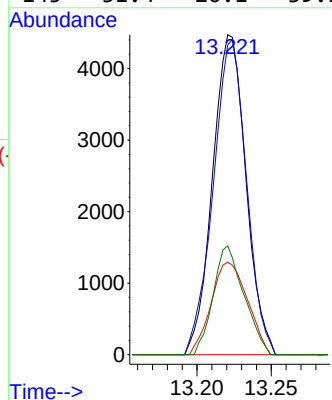
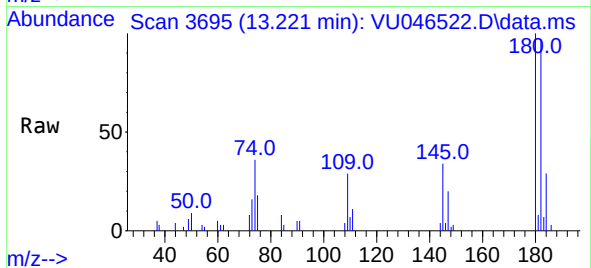
Ion Ratio Lower Upper

180 100

182 98.0 76.1 114.1

184 31.4 25.0 37.4

145 31.4 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 0.652 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU046522.D

Acq: 21 Dec 2021 11:54

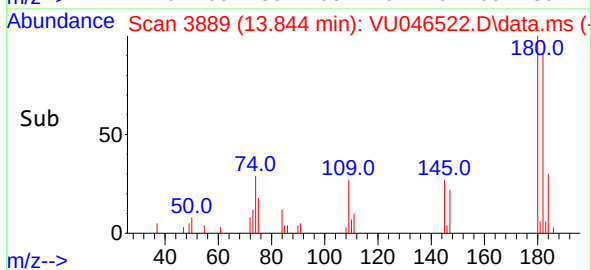
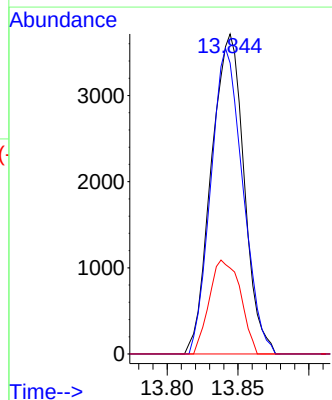
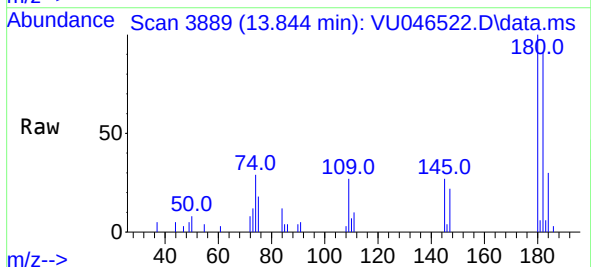
Tgt Ion:180 Resp: 5948

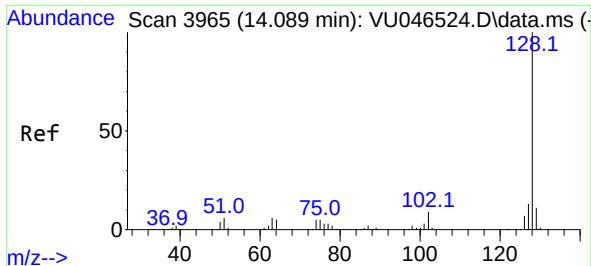
Ion Ratio Lower Upper

180 100

182 93.4 76.4 114.6

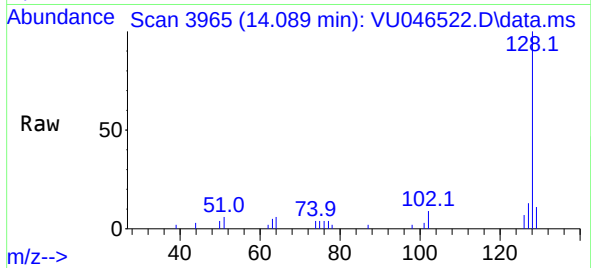
145 28.0 25.6 38.4





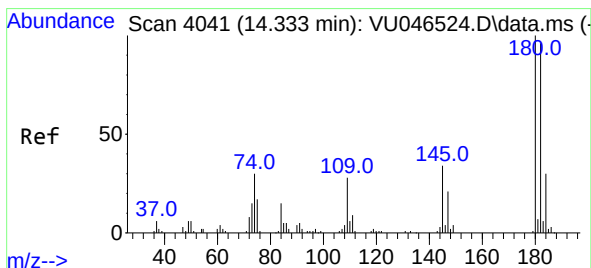
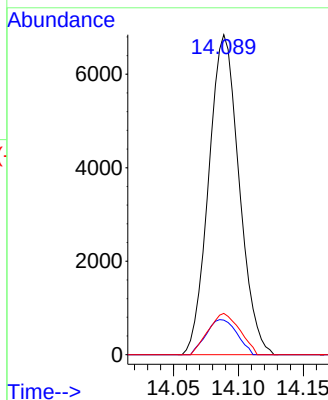
#71
Naphthalene
Concen: 0.573 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 11144

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.4	12.6
127	13.4	10.2	15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.645 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU046522.D
Acq: 21 Dec 2021 11:54

Tgt Ion:180 Resp: 5883

Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.2	114.4
145	33.8	28.4	42.6

