

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046526.D
 Acq On : 21 Dec 2021 13:53
 Operator : SY/MD
 Sample : VSTD02044
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 14:16:55 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	85449	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50187	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	139794	20.796	ug/L	0.01
7) Chloroethane-d5	1.919	69	106841	21.845	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	61134	21.948	ug/L	0.01
20) 2-Butanone-d5	4.665	46	440528	244.260	ug/L	0.01
24) Chloroform-d	5.070	84	255659	22.426	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	144294	21.723	ug/L	0.00
32) Benzene-d6	5.732	84	489832	20.477	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	145186	19.403	ug/L	0.00
41) Toluene-d8	7.903	98	447982	20.662	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	70706	22.750	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	454156	303.974	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	155800	24.023	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	183520	21.079	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	293077	35.776	ug/L	100
3) Chloromethane	1.523	50	219917	26.931	ug/L	100
5) Vinyl chloride	1.610	62	226798	27.873	ug/L	100
6) Bromomethane	1.864	94	135243	27.964	ug/L	99
8) Chloroethane	1.941	64	127472	27.274	ug/L	98
9) Trichlorofluoromethane	2.147	101	309474	29.530	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	165514	27.873	ug/L	96
12) 1,1-Dichloroethene	2.588	96	157345	27.546	ug/L #	79
13) Acetone	2.697	43	361176	306.479	ug/L	93
14) Carbon disulfide	2.800	76	521208	28.436	ug/L	100
15) Methyl Acetate	2.970	43	73102	25.182	ug/L #	89
16) Methylene chloride	3.054	84	174996	21.136	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	462612	29.801	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	167629	27.116	ug/L	96
19) 1,1-Dichloroethane	3.877	63	294933	25.620	ug/L	99
21) 2-Butanone	4.739	43	613065	307.860	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	181066	27.093	ug/L	97
23) Bromochloromethane	4.980	128	85253	28.365	ug/L	91
25) Chloroform	5.092	83	314460	25.219	ug/L	98
27) 1,2-Dichloroethane	5.800	62	227893	27.766	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	288747	27.275	ug/L	97
30) Cyclohexane	5.395	56	274707	27.446	ug/L	96
31) Carbon tetrachloride	5.530	117	248807	28.163	ug/L	99
33) Benzene	5.777	78	675605	25.346	ug/L	100
34) Trichloroethene	6.546	95	179193	25.910	ug/L	98
35) Methylcyclohexane	6.768	83	307664	29.563	ug/L	95
37) 1,2-Dichloropropane	6.793	63	173691	24.802	ug/L	98
38) Bromodichloromethane	7.108	83	238396	27.036	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	281554	27.925	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	1375758	290.041	ug/L	96
42) Toluene	7.973	91	730926	26.700	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	260624	29.275	ug/L	98

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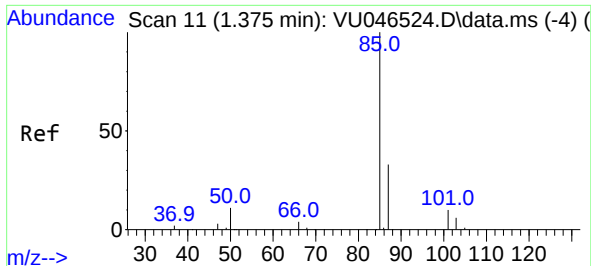
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	145872	27.053	ug/L	97
47) Tetrachloroethene	8.555	164	134567	28.055	ug/L	97
48) 2-Hexanone	8.694	43	1022692	299.438	ug/L	97
49) Dibromochloromethane	8.812	129	176727	28.815	ug/L	97
50) 1,2-Dibromoethane	8.928	107	147746	29.080	ug/L	97
51) Chlorobenzene	9.449	112	457807	26.734	ug/L	99
52) Ethylbenzene	9.571	91	807438	28.328	ug/L	100
53) m,p-Xylene	9.697	106	315703	29.044	ug/L	94
54) o-Xylene	10.102	106	306071	28.969	ug/L	94
55) Styrene	10.115	104	540073	30.251	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	202712	29.477	ug/L	96
59) Bromoform	10.295	173	113134	28.884	ug/L	98
60) Isopropylbenzene	10.484	105	819145	25.704	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	152476	25.642	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	733869	27.945	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	754084	28.627	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	390410	26.128	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	392765	25.877	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	382779	26.551	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	38595	30.240	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	307423	27.379	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	271311	28.583	ug/L	100
71) Naphthalene	14.086	128	641875	31.724	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	256386	27.020	ug/L	98

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

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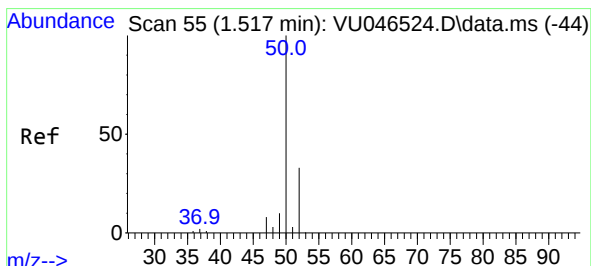
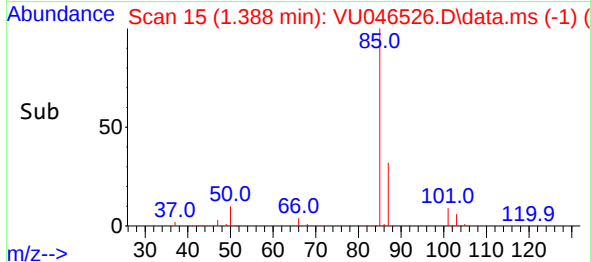
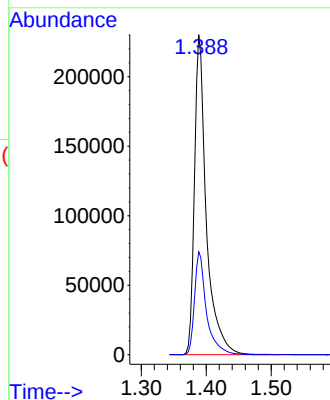
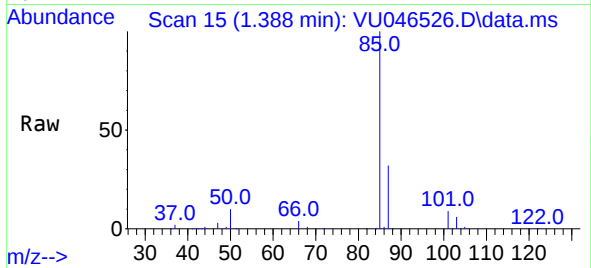




#2
Dichlorodifluoromethane
Concen: 35.776 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

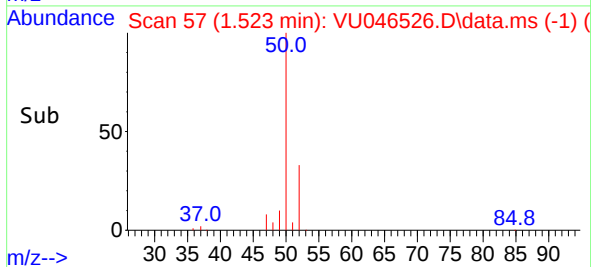
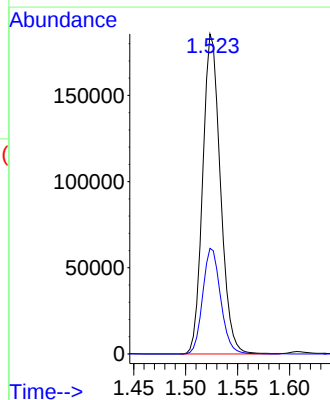
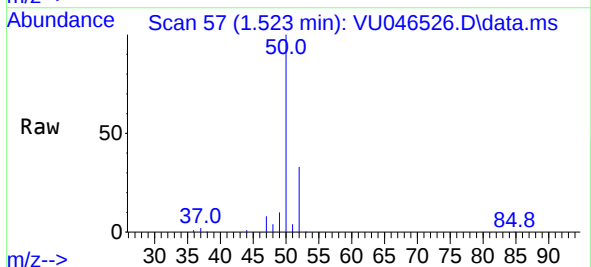
Instrument :
MSVOA_U
ClientSampleId :

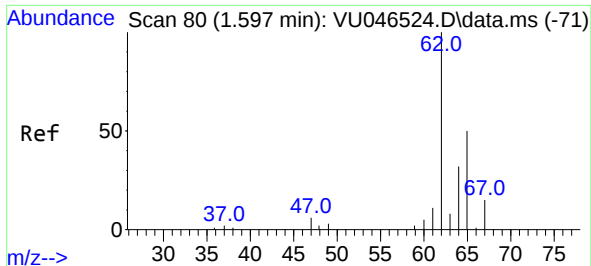
Tgt Ion: 85 Resp: 293077
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 26.931 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.006 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

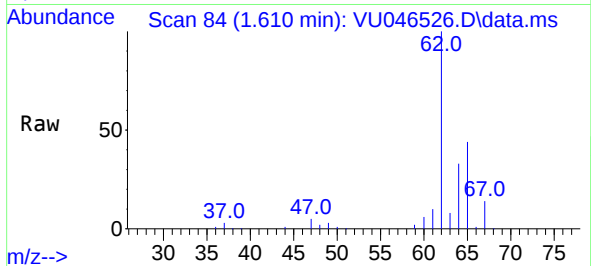
Tgt Ion: 50 Resp: 219917
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.8



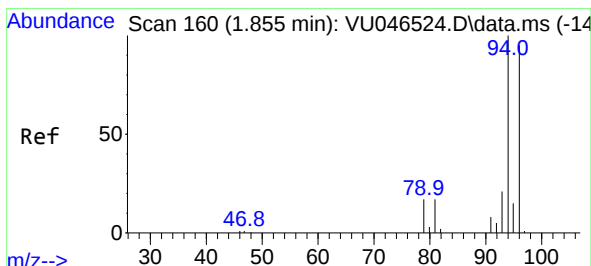
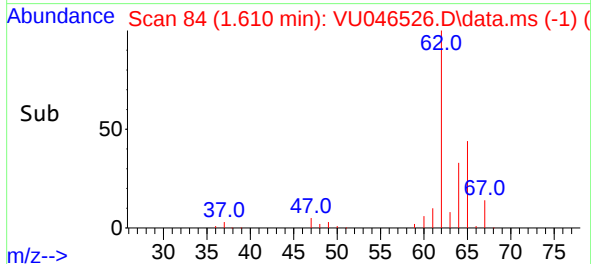
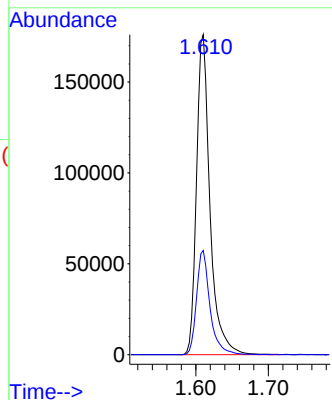


#5
 Vinyl chloride
 Concen: 27.873 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VU046526.D
 Acq: 21 Dec 2021 13:53

Instrument :
 MSVOA_U
 ClientSampleId :

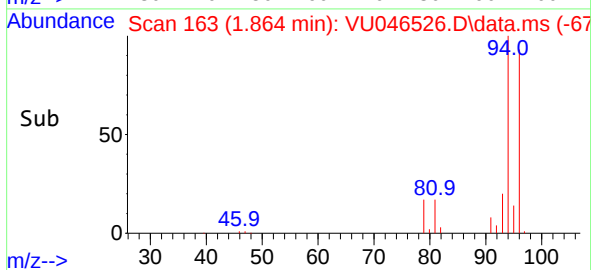
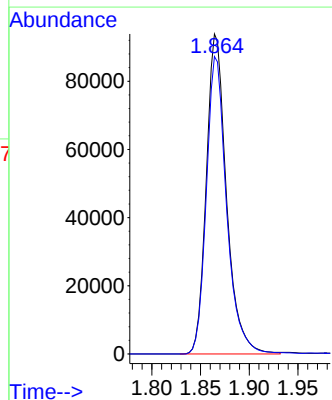
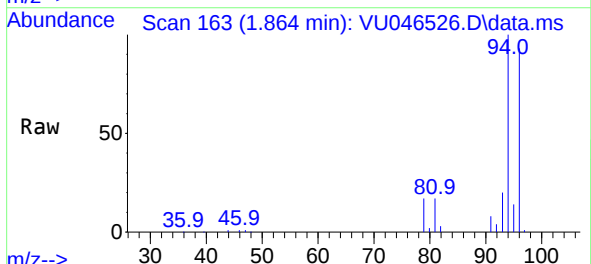


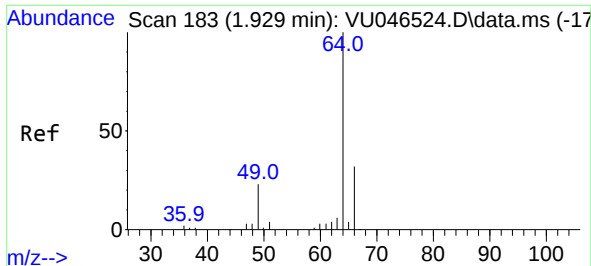
Tgt Ion: 62 Resp: 226798
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 27.964 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.010 min
 Lab File: VU046526.D
 Acq: 21 Dec 2021 13:53

Tgt Ion: 94 Resp: 135243
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.5 121.6

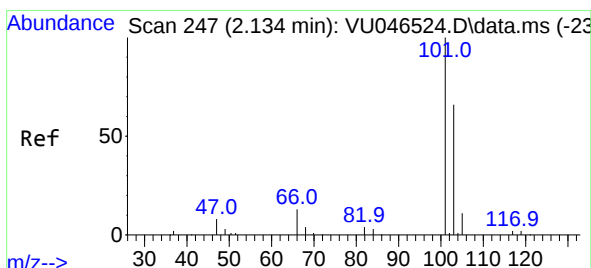
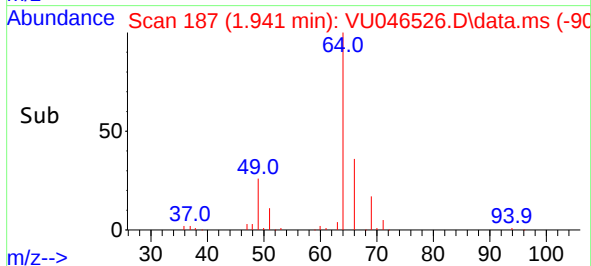
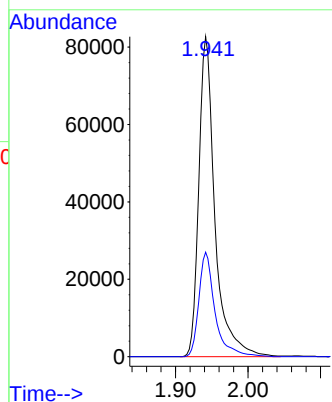
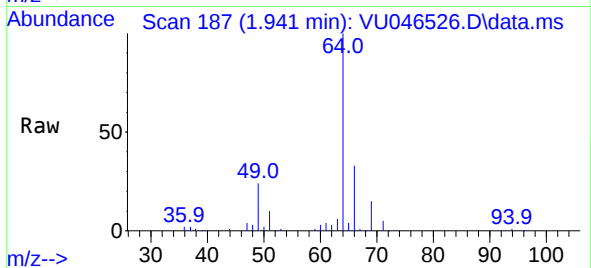




#8
Chloroethane
Concen: 27.274 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

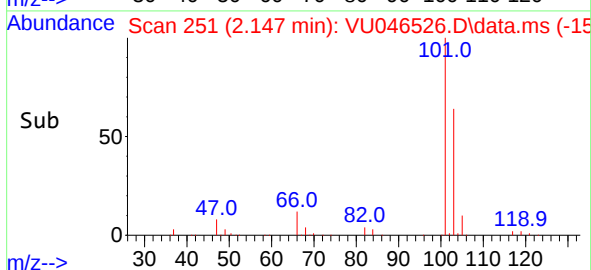
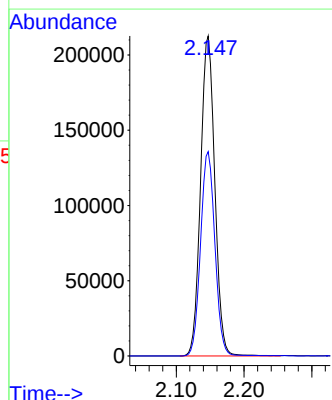
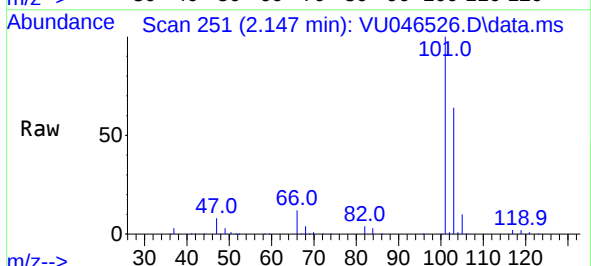
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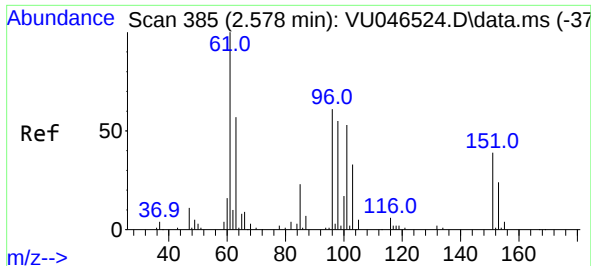
Tgt Ion: 64 Resp: 127472
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 29.530 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.013 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion:101 Resp: 309474
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

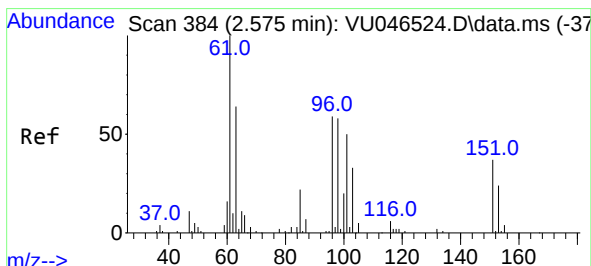
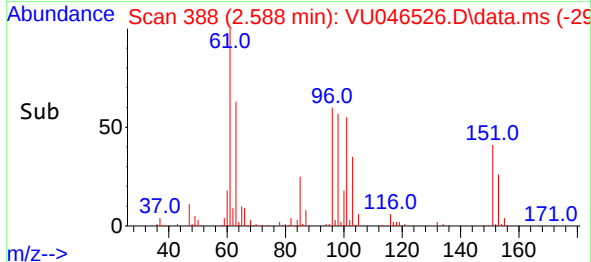
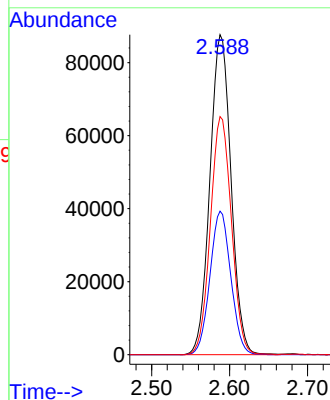
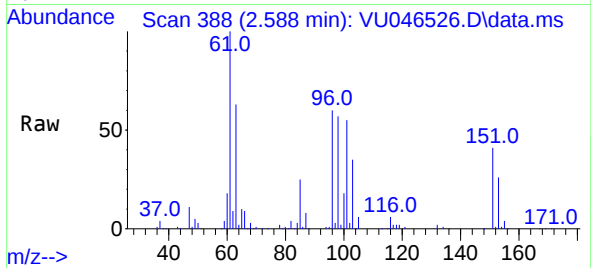




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.873 ug/L
RT: 2.588 min Scan# 385
Delta R.T. 0.010 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

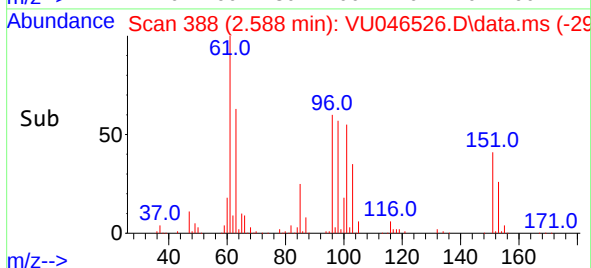
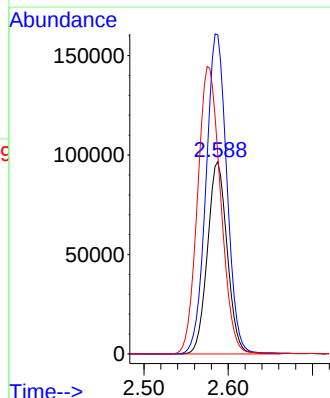
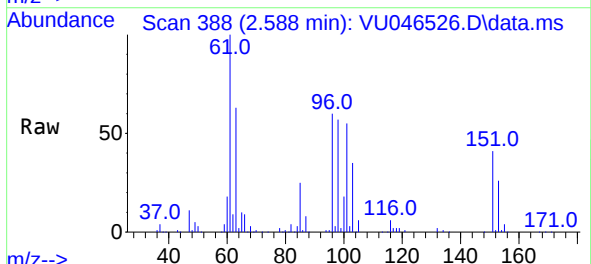
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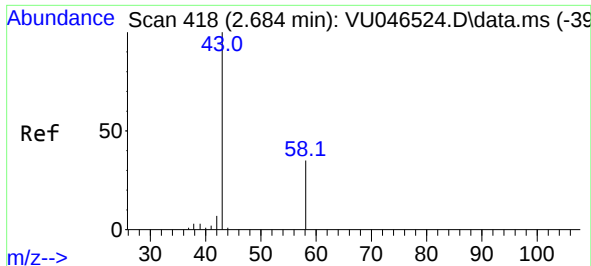
Tgt Ion:101 Resp: 165514
Ion Ratio Lower Upper
101 100
85 44.1 34.6 51.8
151 74.1 56.1 84.1



#12
1,1-Dichloroethene
Concen: 27.546 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.013 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion: 96 Resp: 157345
Ion Ratio Lower Upper
96 100
61 166.1 124.7 231.5
63 103.8 105.2 195.4#





#13

Acetone

Concen: 306.479 ug/L

RT: 2.697 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU046526.D

Acq: 21 Dec 2021 13:53

Instrument :

MSVOA_U

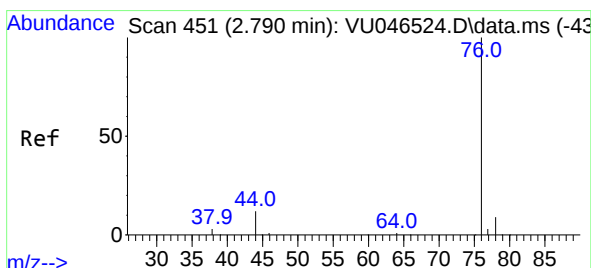
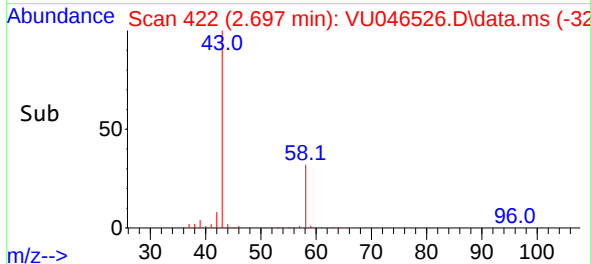
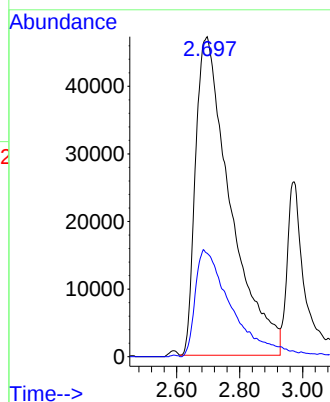
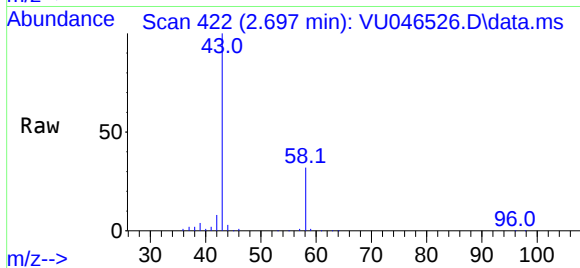
ClientSampleId :

Tgt Ion: 43 Resp: 361176

Ion Ratio Lower Upper

43 100

58 31.4 0.0 71.6



#14

Carbon disulfide

Concen: 28.436 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.010 min

Lab File: VU046526.D

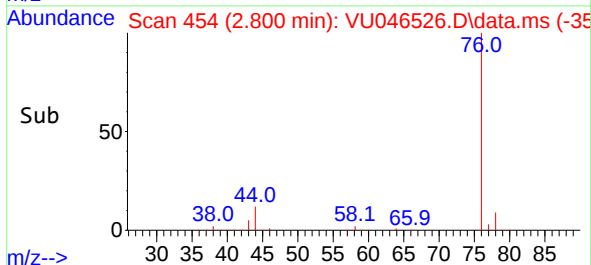
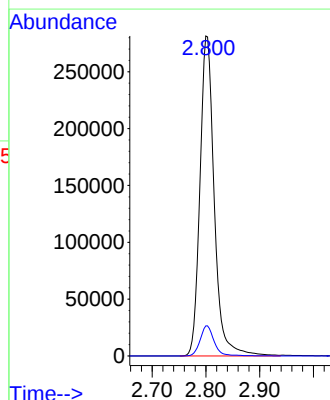
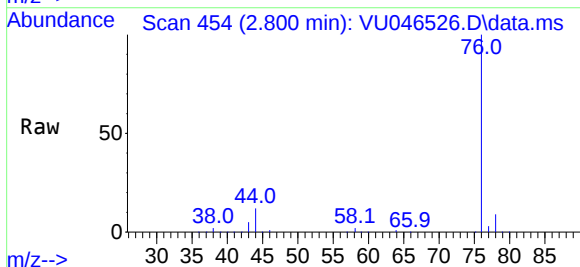
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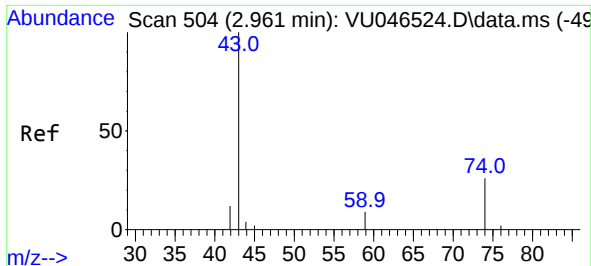
Tgt Ion: 76 Resp: 521208

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

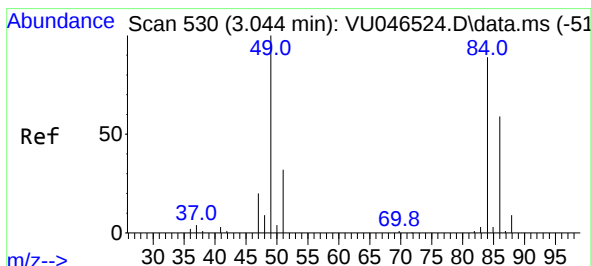
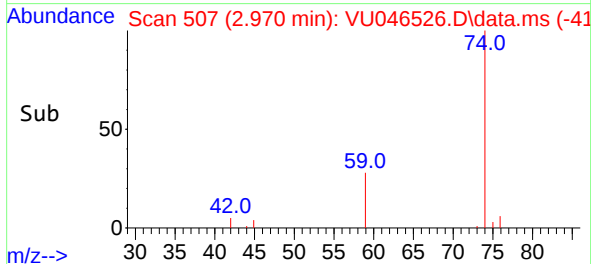
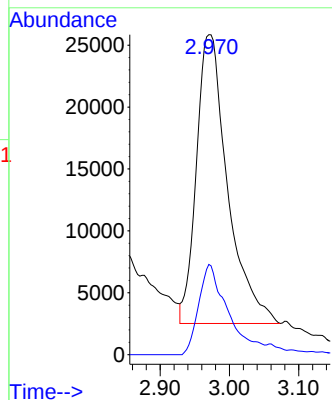
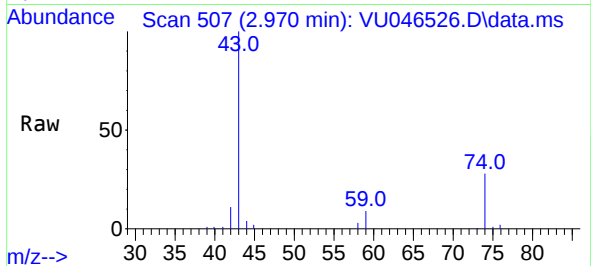




#15
Methyl Acetate
Concen: 25.182 ug/L
RT: 2.970 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

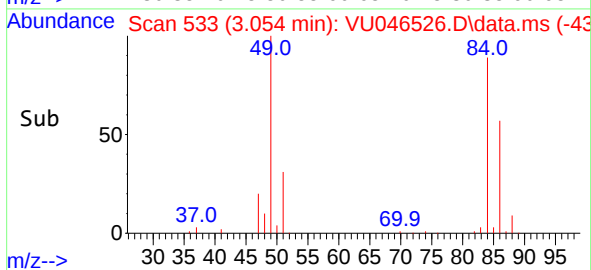
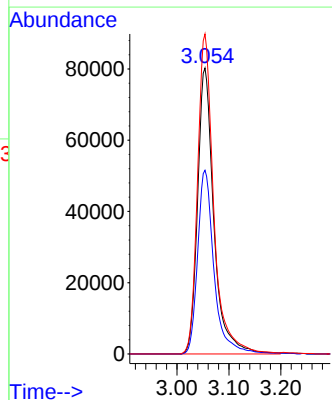
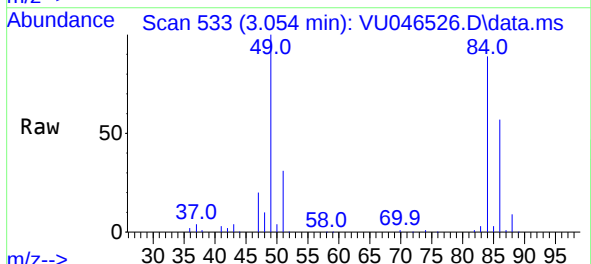
Instrument :
MSVOA_U
ClientSampleId :

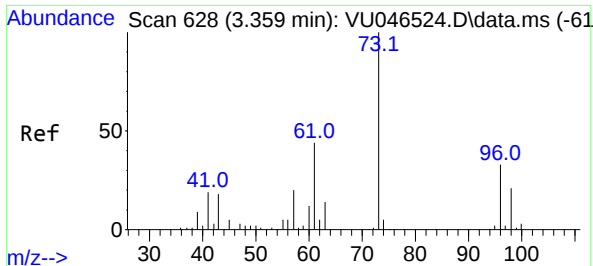
Tgt Ion: 43 Resp: 73102
Ion Ratio Lower Upper
43 100
74 29.3 19.1 28.7#



#16
Methylene chloride
Concen: 21.136 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.010 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

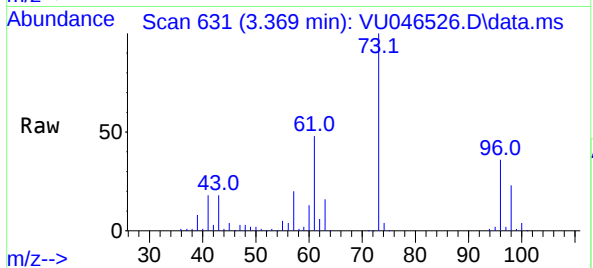
Tgt Ion: 84 Resp: 174996
Ion Ratio Lower Upper
84 100
86 64.3 45.8 85.0
49 111.9 84.5 156.9



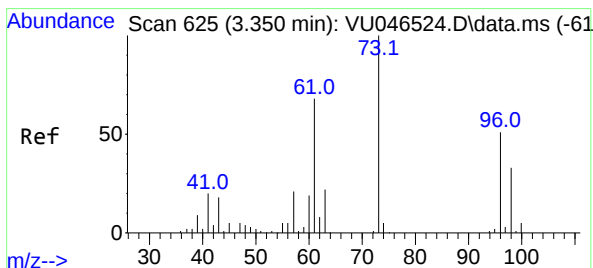
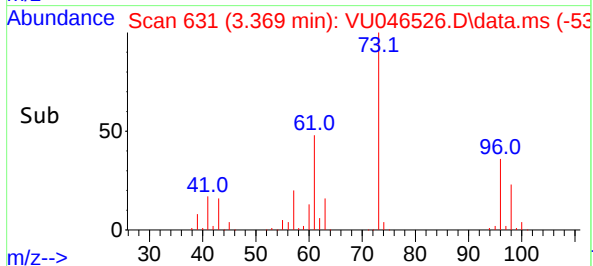
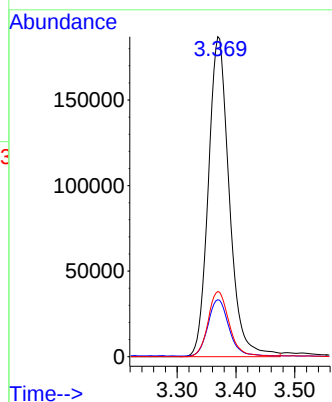


#17
Methyl tert-butyl Ether
Concen: 29.801 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :

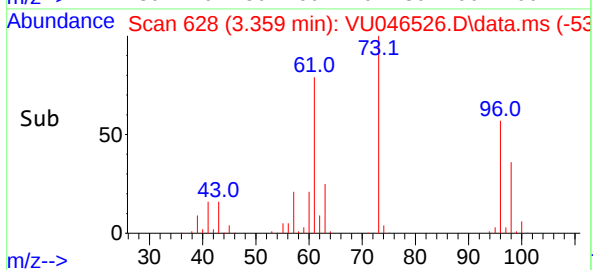
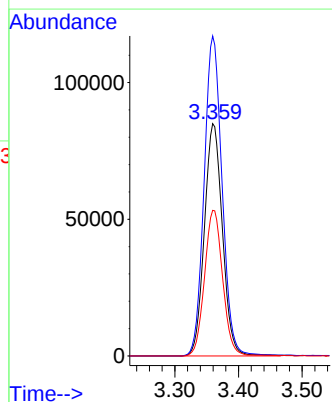
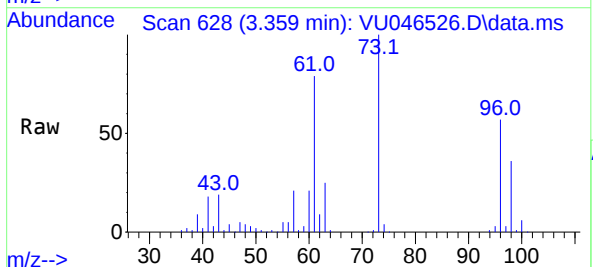


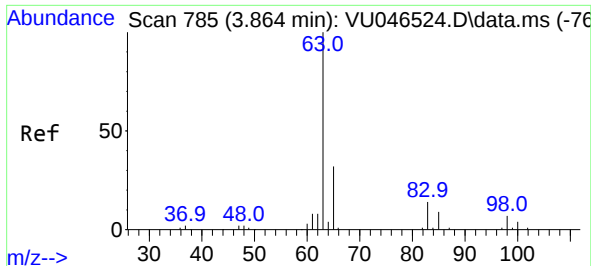
Tgt Ion: 73 Resp: 462612
Ion Ratio Lower Upper
73 100
43 17.6 14.8 22.2
57 20.6 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 27.116 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.010 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

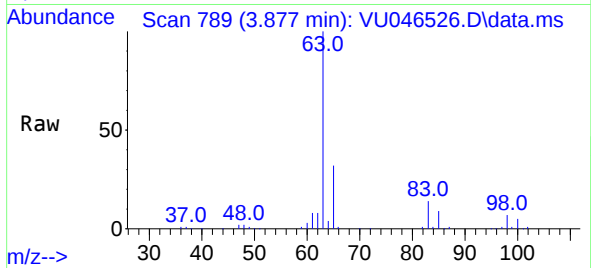
Tgt Ion: 96 Resp: 167629
Ion Ratio Lower Upper
96 100
61 137.8 100.8 187.2
98 62.7 45.1 83.7



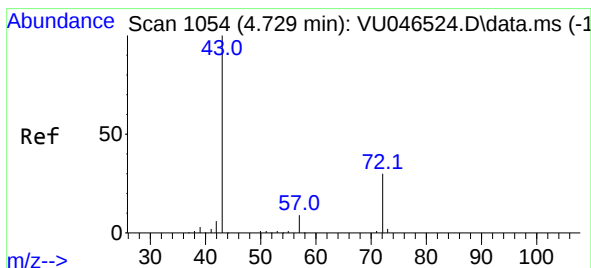
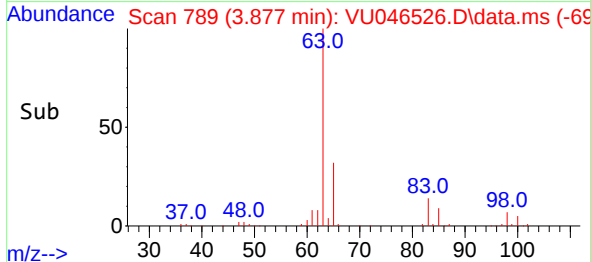
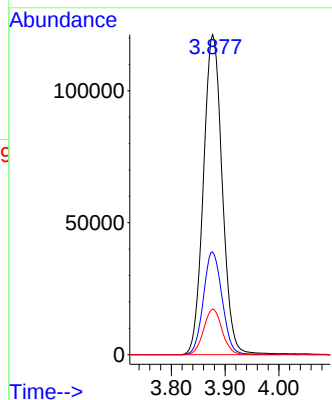


#19
1,1-Dichloroethane
Concen: 25.620 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.013 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :

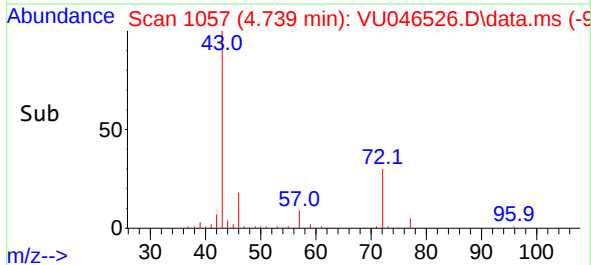
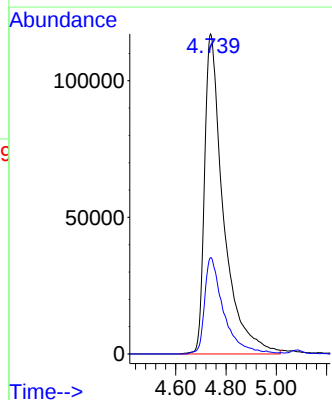
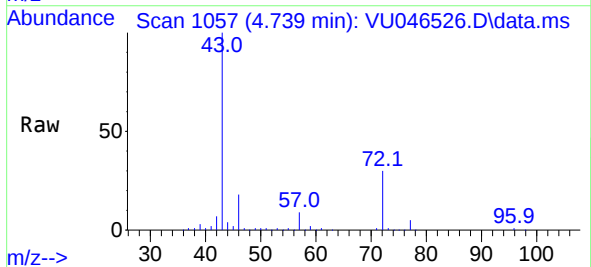


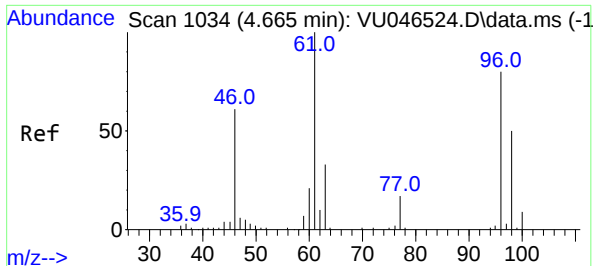
Tgt Ion: 63 Resp: 294933
Ion Ratio Lower Upper
63 100
65 32.1 22.3 41.5
83 14.3 9.6 17.8



#21
2-Butanone
Concen: 307.860 ug/L
RT: 4.739 min Scan# 1057
Delta R.T. 0.010 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

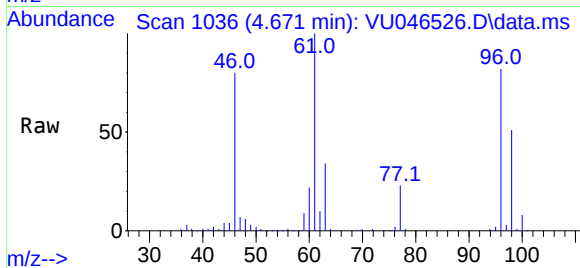
Tgt Ion: 43 Resp: 613065
Ion Ratio Lower Upper
43 100
72 29.6 14.1 42.3



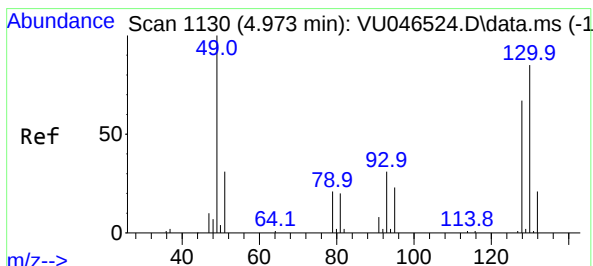
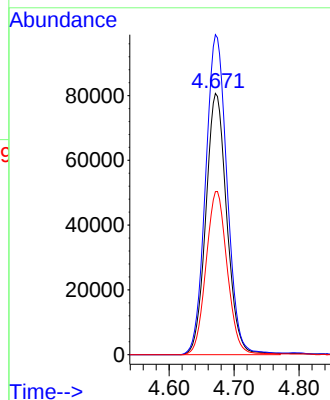
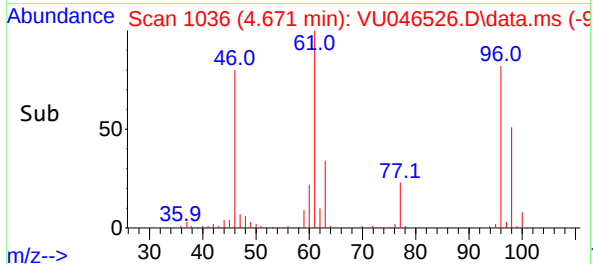


#22
cis-1,2-Dichloroethene
Concen: 27.093 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

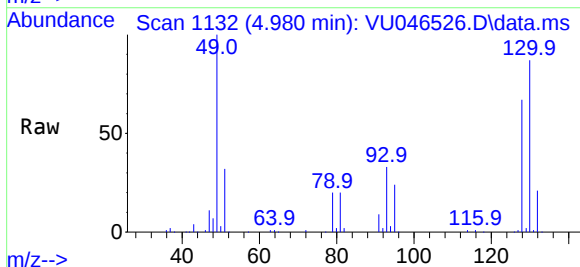
Instrument :
MSVOA_U
ClientSampleId :



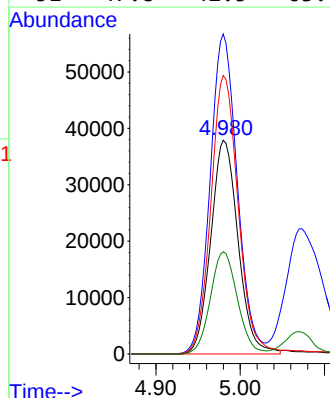
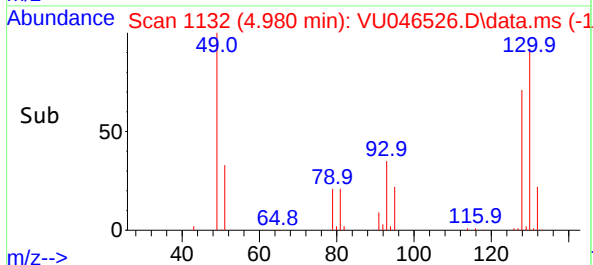
Tgt Ion: 96 Resp: 181066
Ion Ratio Lower Upper
96 100
61 122.5 88.5 164.3
98 62.4 44.4 82.5

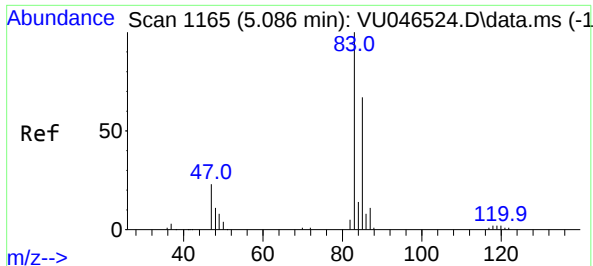


#23
Bromochloromethane
Concen: 28.365 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53



Tgt Ion:128 Resp: 85253
Ion Ratio Lower Upper
128 100
49 149.7 117.0 217.2
130 130.2 88.2 163.8
51 47.8 42.5 63.7

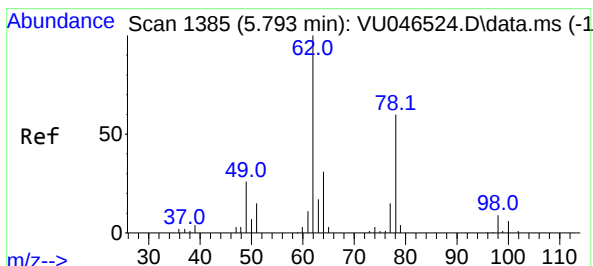
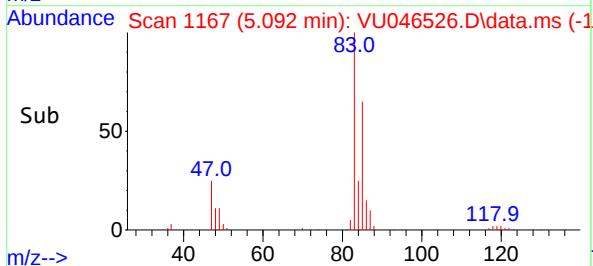
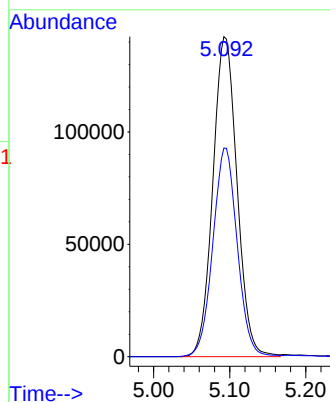
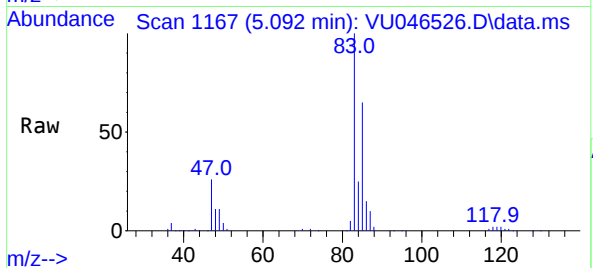




#25
Chloroform
Concen: 25.219 ug/L
RT: 5.092 min Scan# 1165
Delta R.T. 0.006 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

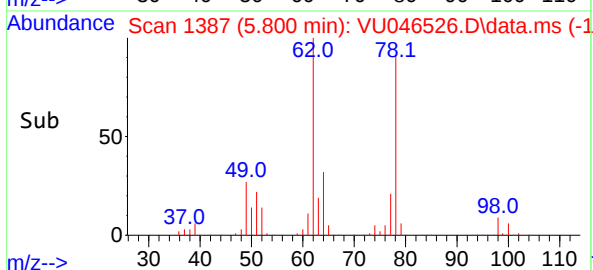
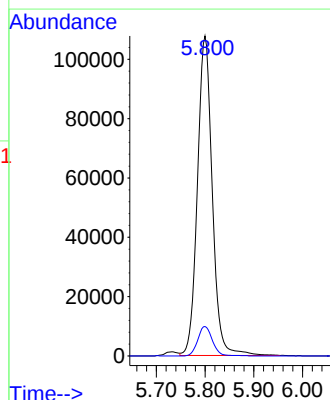
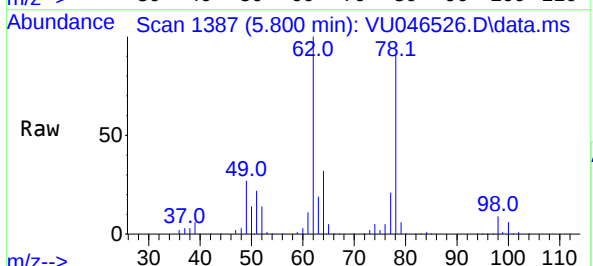
Instrument :
MSVOA_U
ClientSampleId :

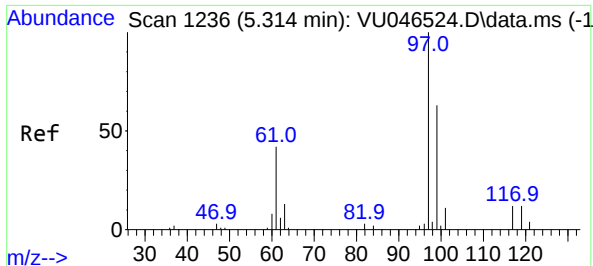
Tgt Ion: 83 Resp: 314460
Ion Ratio Lower Upper
83 100
85 65.2 46.9 87.1



#27
1,2-Dichloroethane
Concen: 27.766 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion: 62 Resp: 227893
Ion Ratio Lower Upper
62 100
98 9.2 7.8 11.8

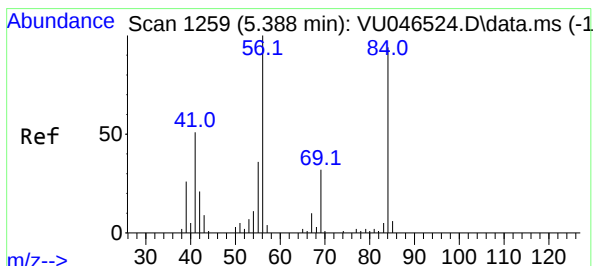
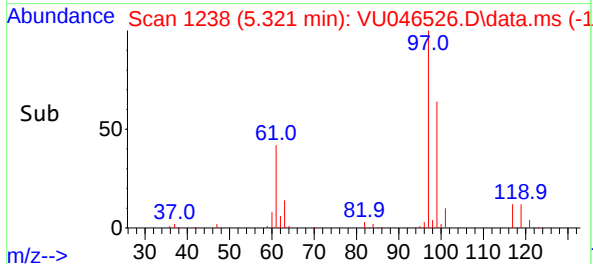
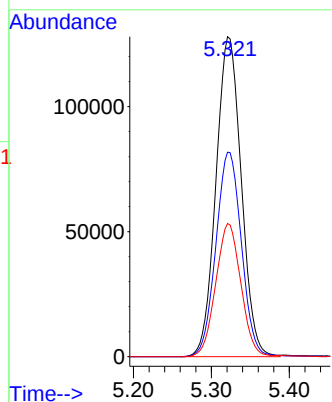
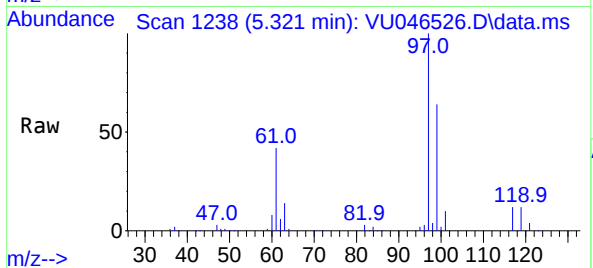




#29
1,1,1-Trichloroethane
Concen: 27.275 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

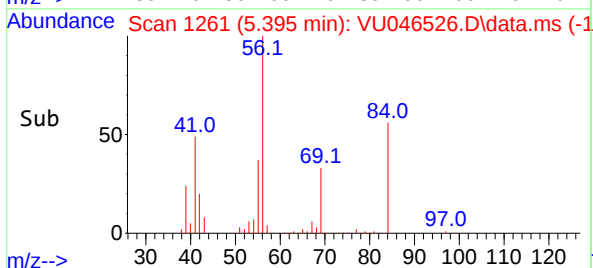
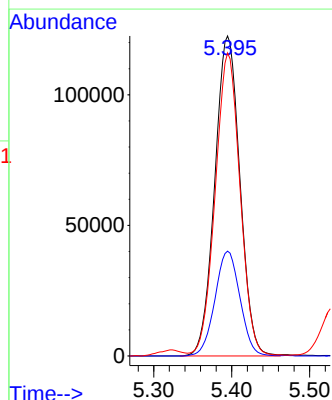
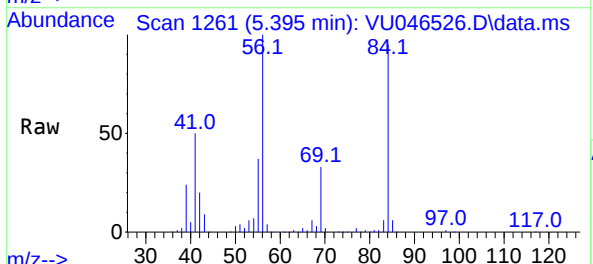
Instrument :
MSVOA_U
ClientSampleId :

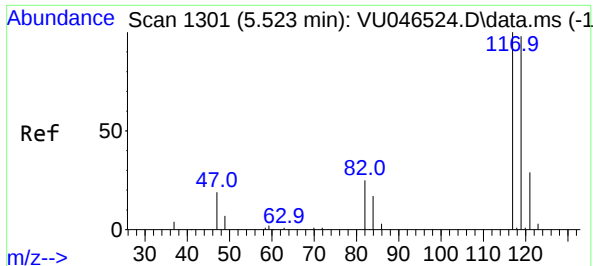
Tgt Ion: 97 Resp: 288747
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 41.3 36.1 54.1



#30
Cyclohexane
Concen: 27.446 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion: 56 Resp: 274707
Ion Ratio Lower Upper
56 100
69 32.6 24.7 37.1
84 93.5 71.8 107.6

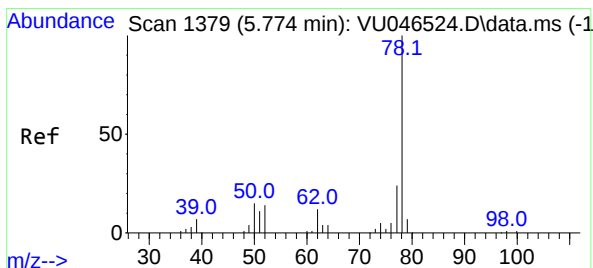
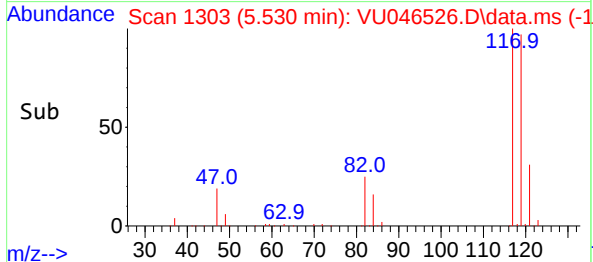
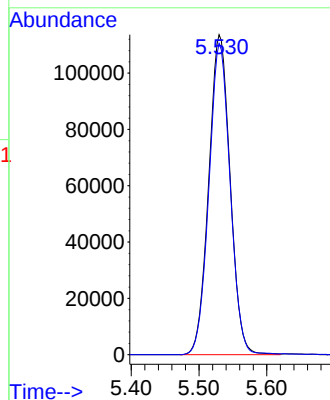
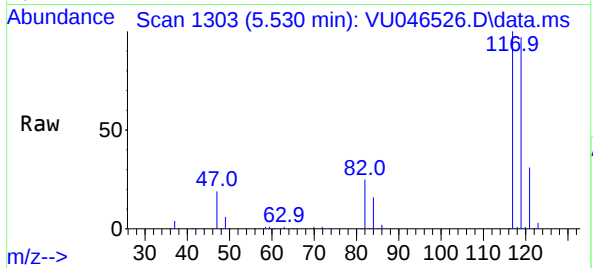




#31
Carbon tetrachloride
Concen: 28.163 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

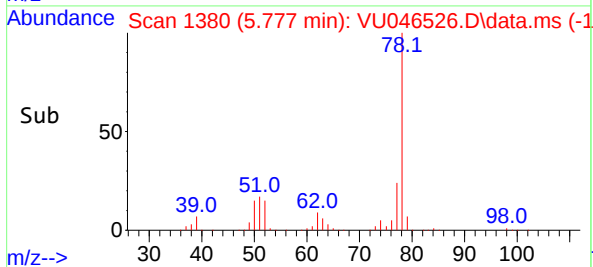
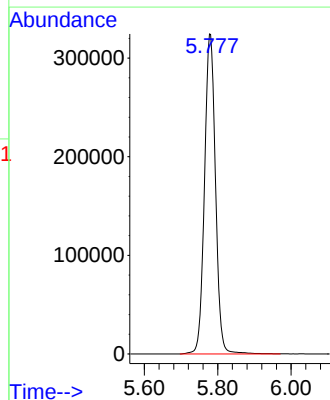
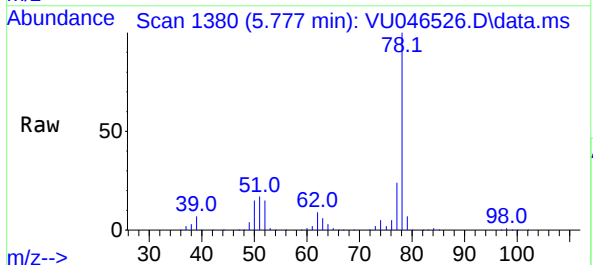
Instrument :
MSVOA_U
ClientSampleId :

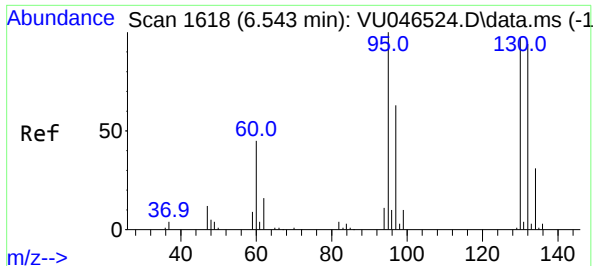
Tgt Ion:117 Resp: 248807
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3



#33
Benzene
Concen: 25.346 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

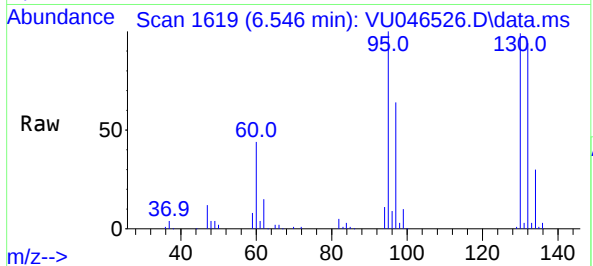
Tgt Ion: 78 Resp: 675605



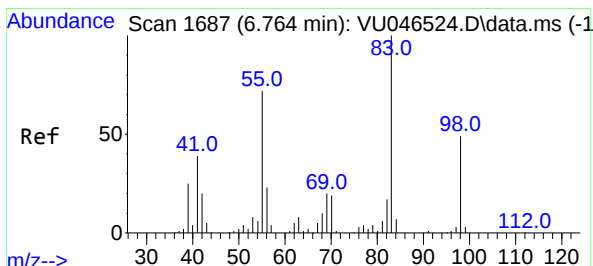
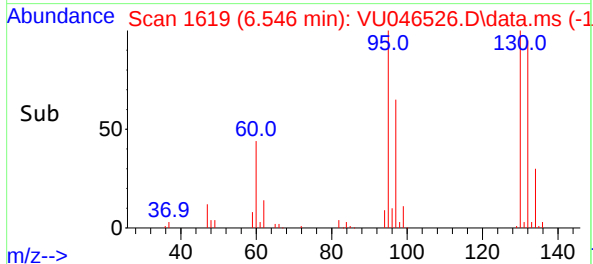
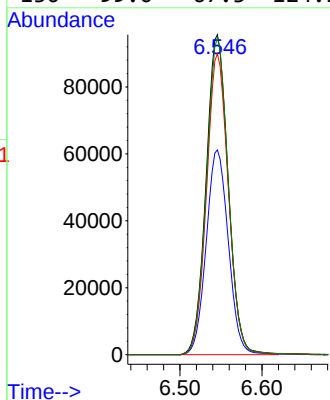


#34
Trichloroethene
Concen: 25.910 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :

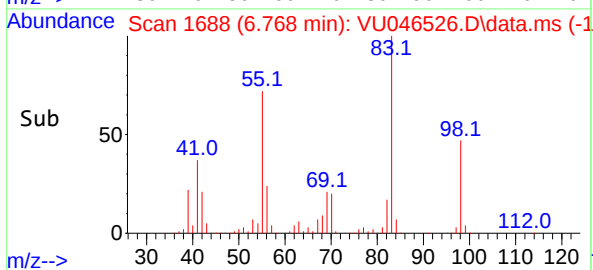
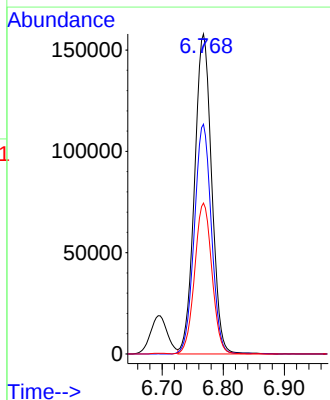
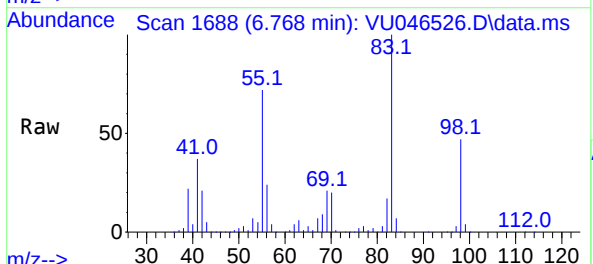


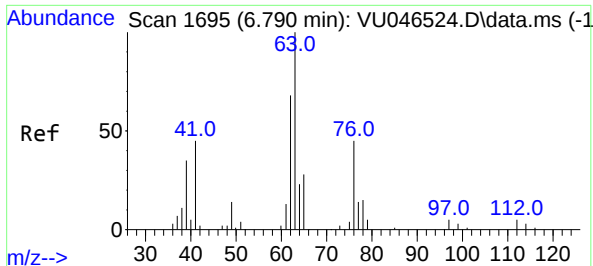
Tgt Ion: 95 Resp: 179193
Ion Ratio Lower Upper
95 100
97 64.0 46.5 86.5
132 94.1 65.1 120.9
130 99.0 67.3 124.9



#35
Methylcyclohexane
Concen: 29.563 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion: 83 Resp: 307664
Ion Ratio Lower Upper
83 100
55 71.3 61.9 92.9
98 47.5 39.0 58.6

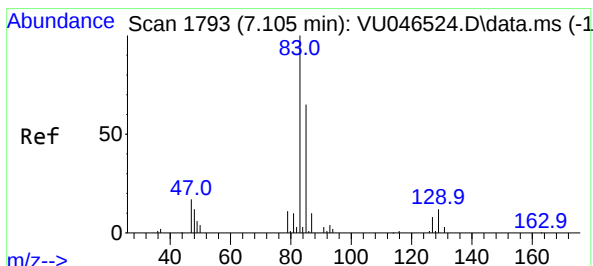
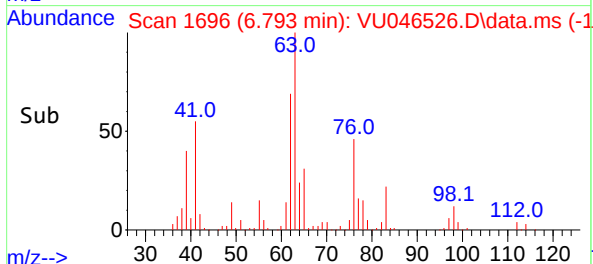
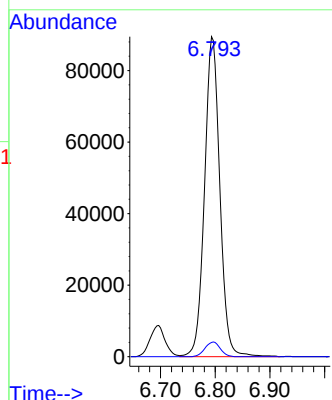
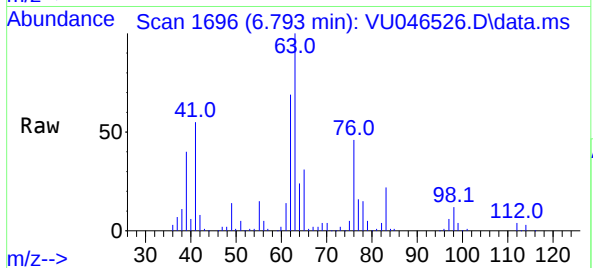




#37
1,2-Dichloropropane
Concen: 24.802 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

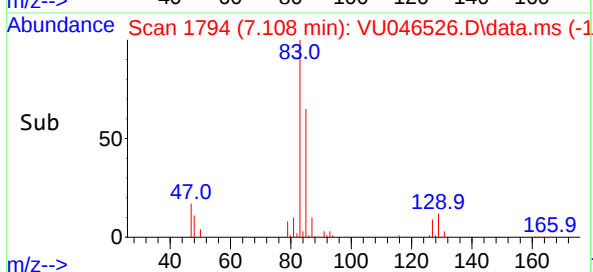
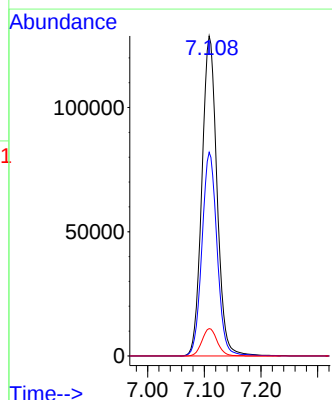
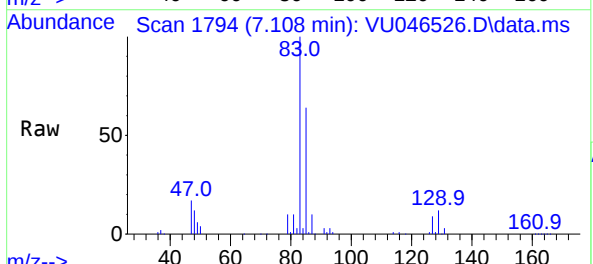
Instrument :
MSVOA_U
ClientSampleId :

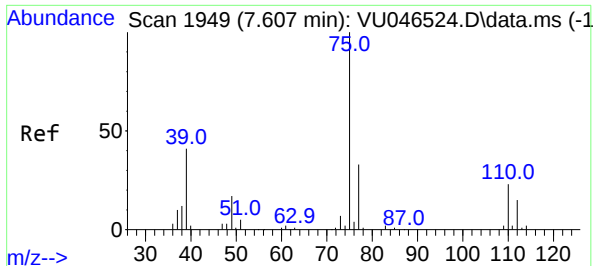
Tgt Ion: 63 Resp: 173691
Ion Ratio Lower Upper
63 100
112 4.6 3.2 4.8



#38
Bromodichloromethane
Concen: 27.036 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion: 83 Resp: 238396
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.8
127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.925 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU046526.D

Acq: 21 Dec 2021 13:53

Instrument :

MSVOA_U

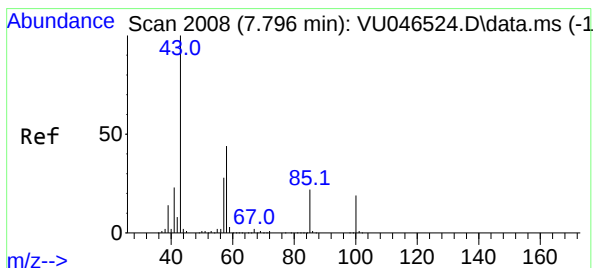
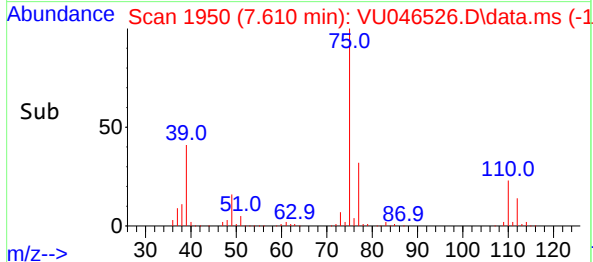
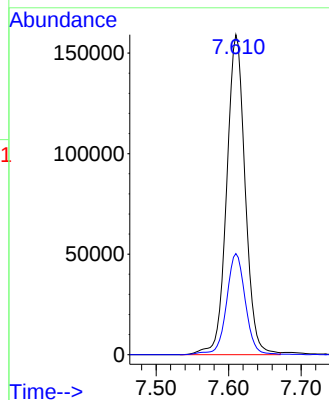
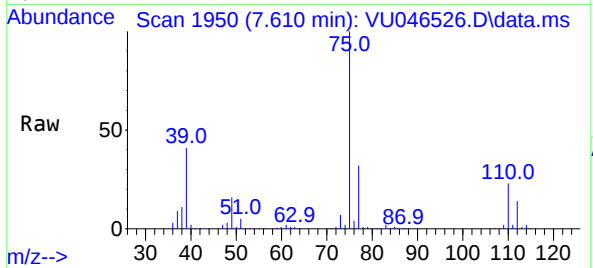
ClientSampleId :

Tgt Ion: 75 Resp: 281554

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 290.041 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU046526.D

Acq: 21 Dec 2021 13:53

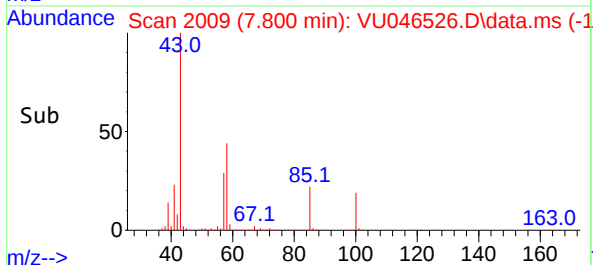
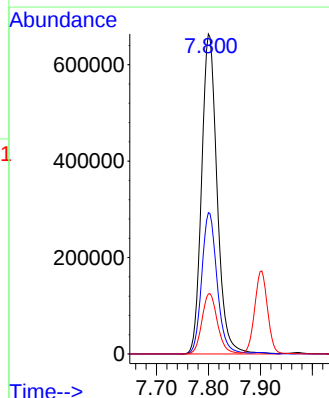
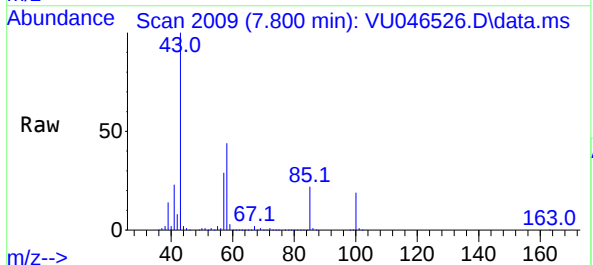
Tgt Ion: 43 Resp: 1375758

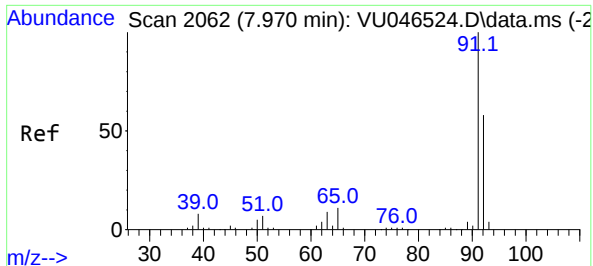
Ion Ratio Lower Upper

43 100

58 43.7 33.1 49.7

100 18.9 13.2 19.8

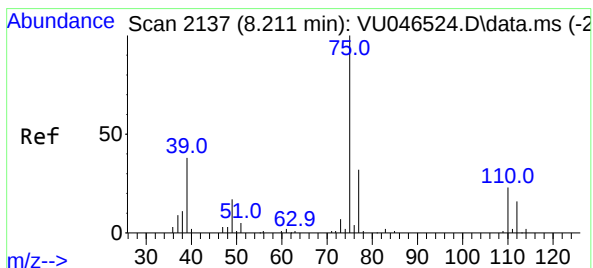
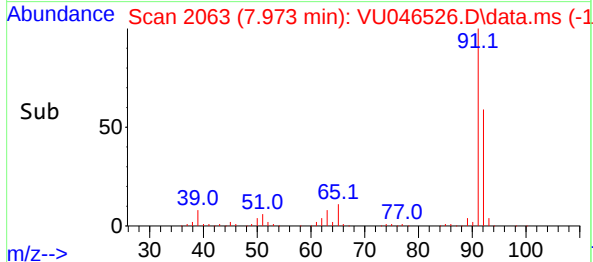
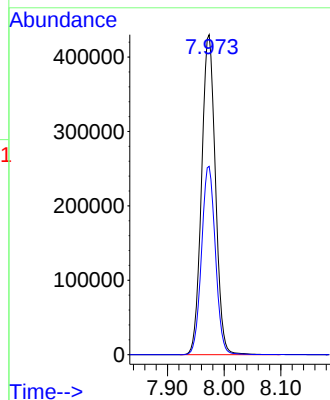
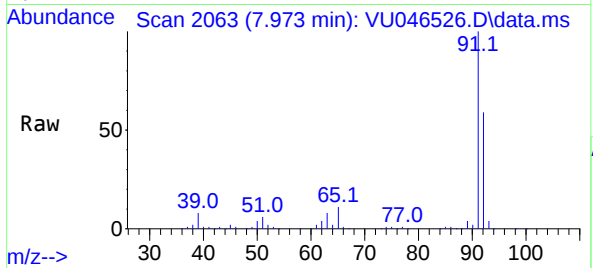




#42
Toluene
Concen: 26.700 ug/L
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

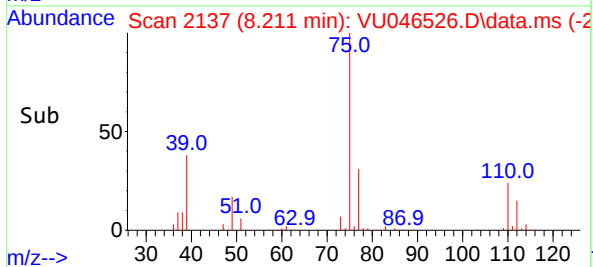
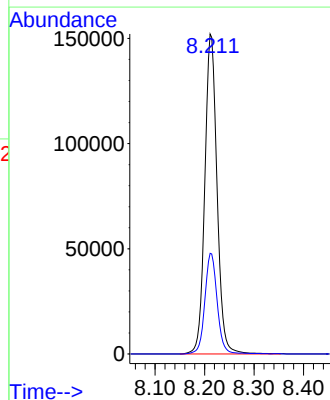
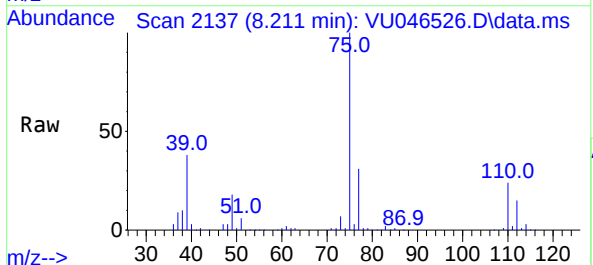
Instrument :
MSVOA_U
ClientSampleId :

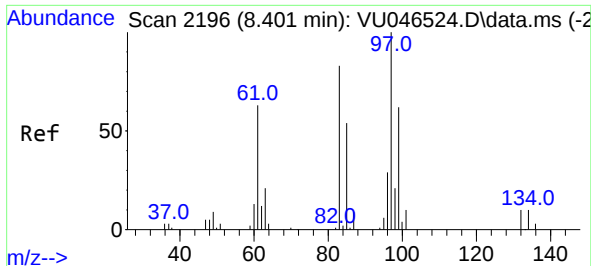
Tgt Ion: 91 Resp: 730926
Ion Ratio Lower Upper
91 100
92 58.9 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 29.275 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

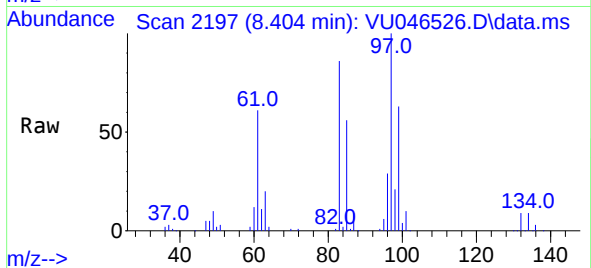
Tgt Ion: 75 Resp: 260624
Ion Ratio Lower Upper
75 100
77 31.4 22.7 42.3





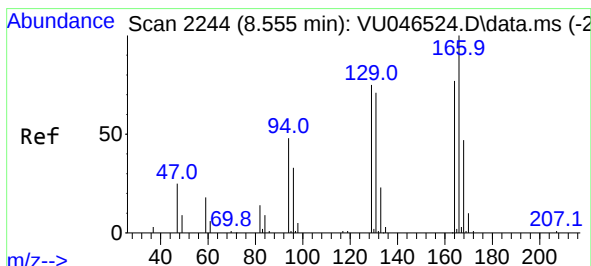
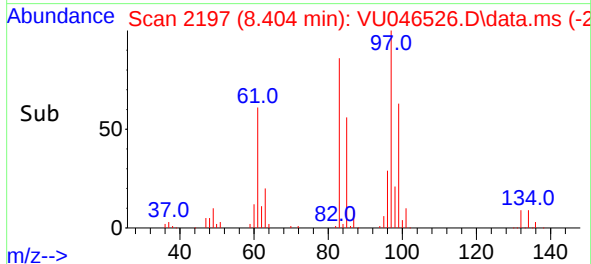
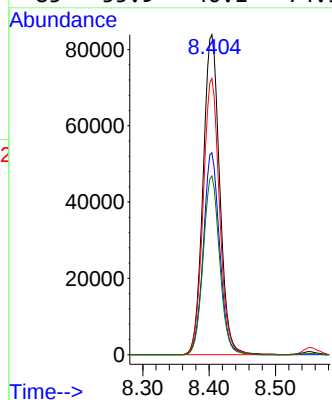
#45
1,1,2-Trichloroethane
Concen: 27.053 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 145872

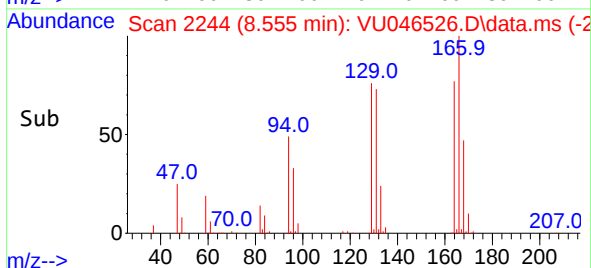
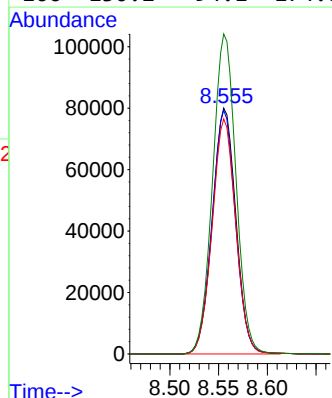
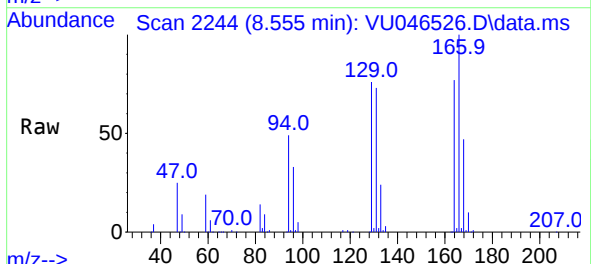
Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.3	78.5
83	86.3	62.0	115.2
85	55.9	40.1	74.5

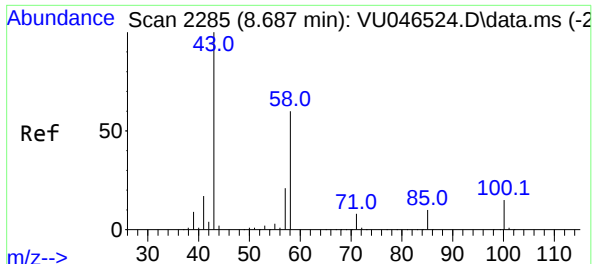


#47
Tetrachloroethene
Concen: 28.055 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion: 164 Resp: 134567

Ion	Ratio	Lower	Upper
164	100		
129	99.2	71.8	133.4
131	95.6	68.5	127.3
166	130.2	94.1	174.8



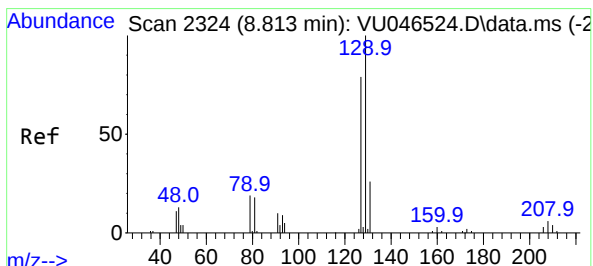
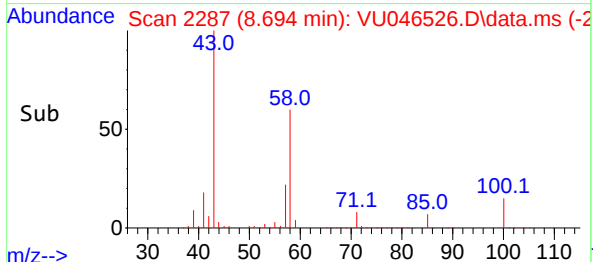
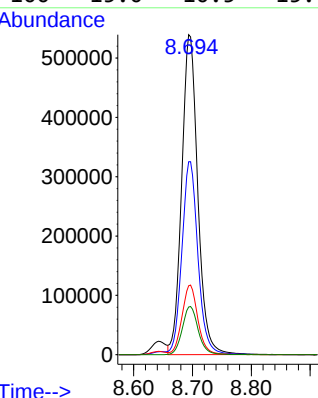
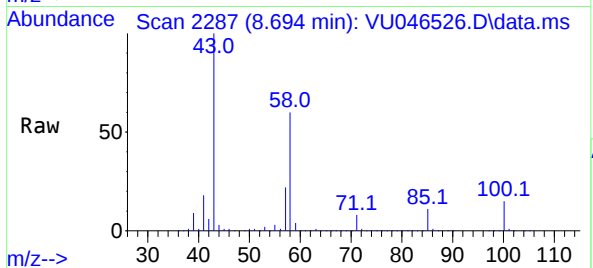


#48
2-Hexanone
Concen: 299.438 ug/L
RT: 8.694 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1022692

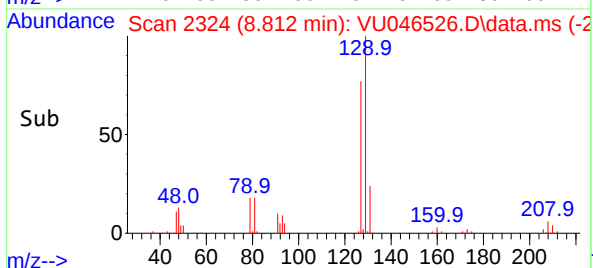
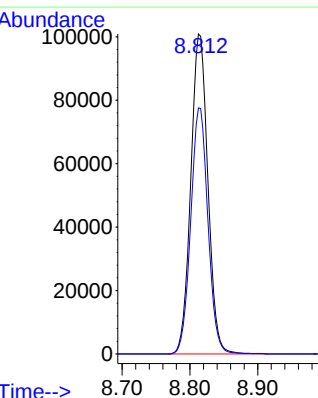
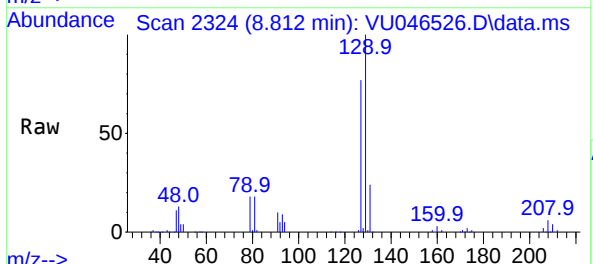
Ion	Ratio	Lower	Upper
43	100		
58	60.3	46.7	70.1
57	21.6	16.3	24.5
100	15.0	10.5	15.7

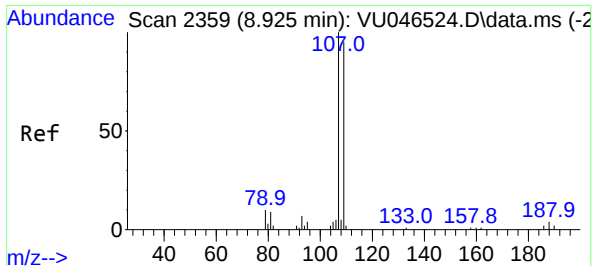


#49
Dibromochloromethane
Concen: 28.815 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion: 129 Resp: 176727

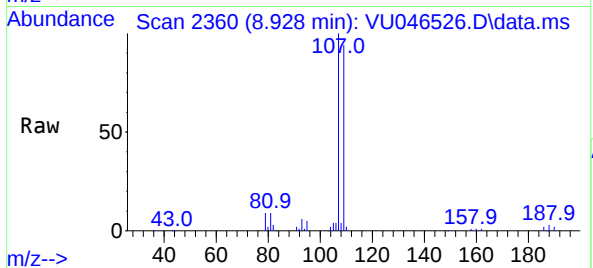
Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.4	102.8



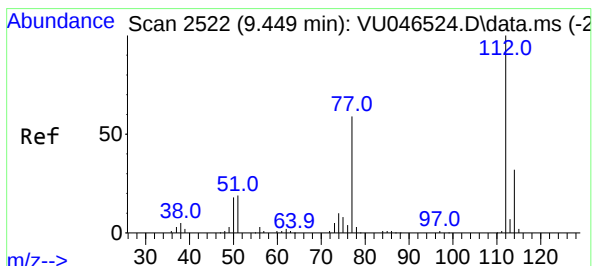
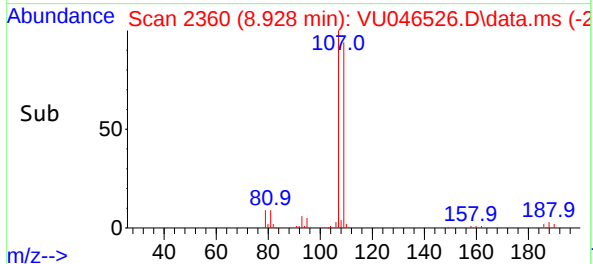
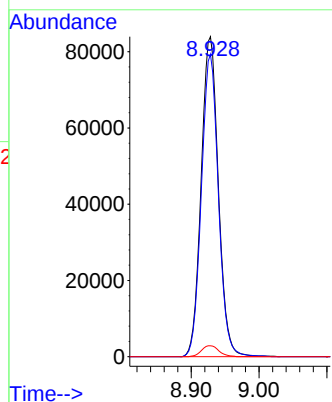


#50
1,2-Dibromoethane
Concen: 29.080 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :

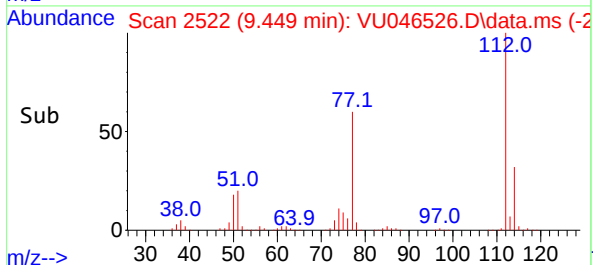
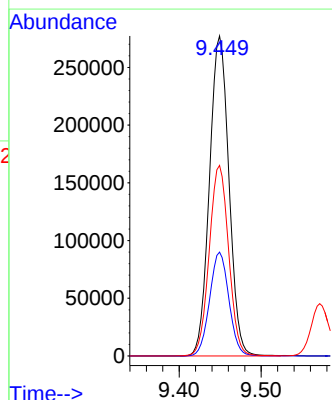
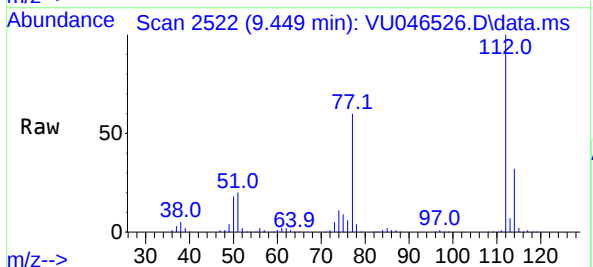


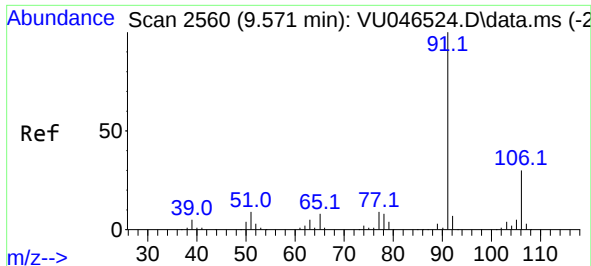
Tgt Ion:107 Resp: 147746
Ion Ratio Lower Upper
107 100
109 94.5 64.0 119.0
188 3.4 2.4 3.6



#51
Chlorobenzene
Concen: 26.734 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion:112 Resp: 457807
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 59.6 48.3 72.5

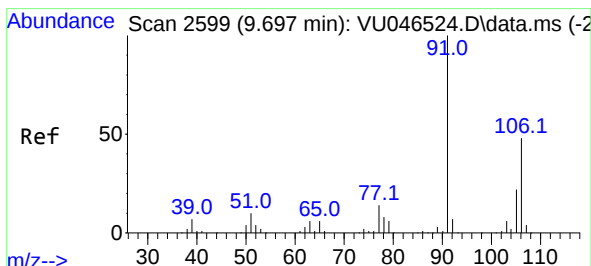
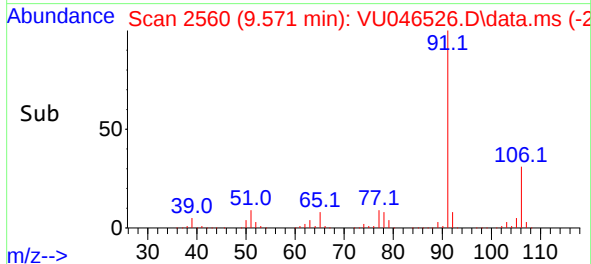
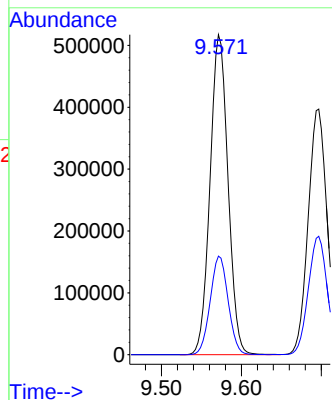
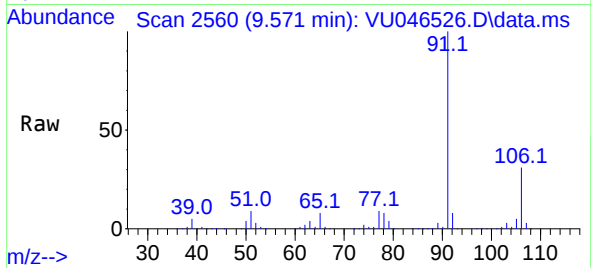




#52
Ethylbenzene
Concen: 28.328 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

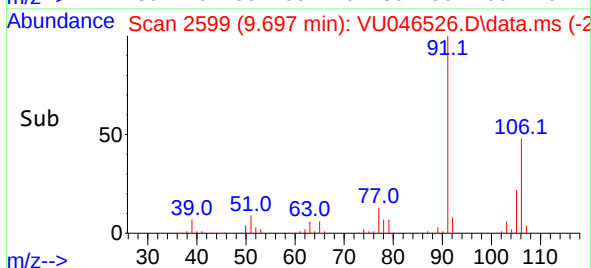
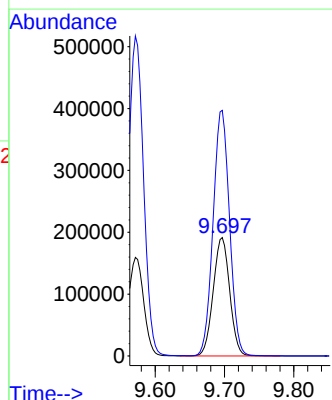
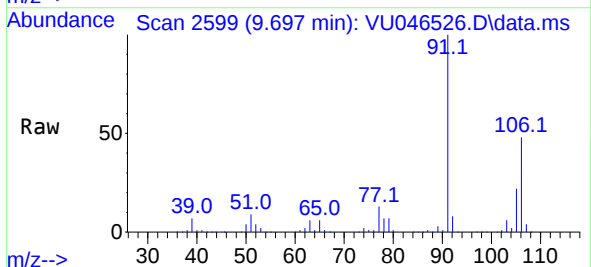
Instrument :
MSVOA_U
ClientSampleId :

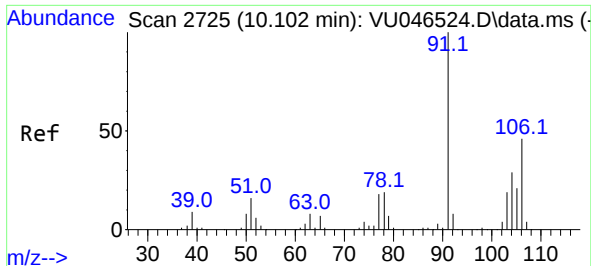
Tgt Ion: 91 Resp: 807438
Ion Ratio Lower Upper
91 100
106 30.8 21.5 39.9



#53
m,p-Xylene
Concen: 29.044 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion:106 Resp: 315703
Ion Ratio Lower Upper
106 100
91 207.5 139.4 259.0

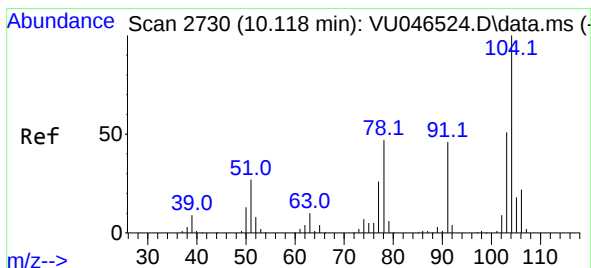
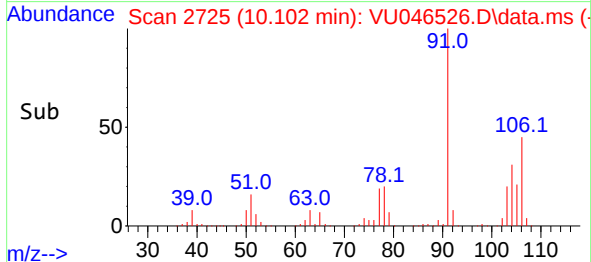
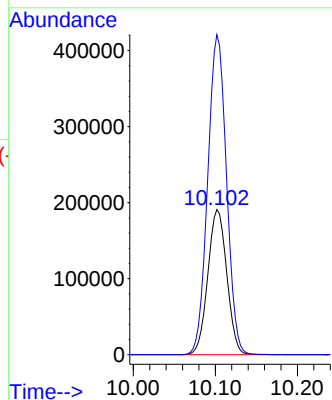
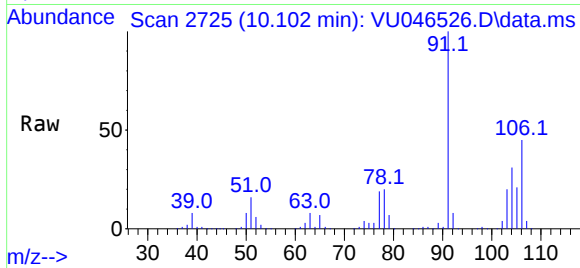




#54
o-Xylene
Concen: 28.969 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

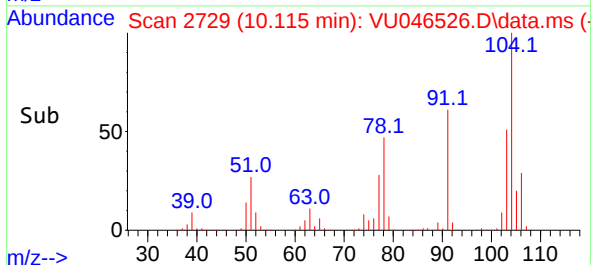
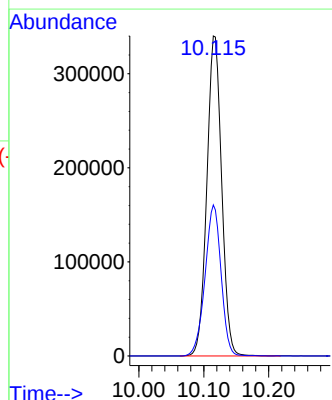
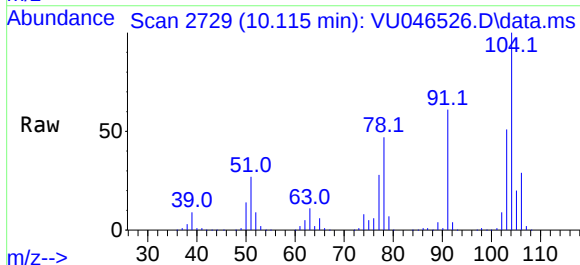
Instrument :
MSVOA_U
ClientSampleId :

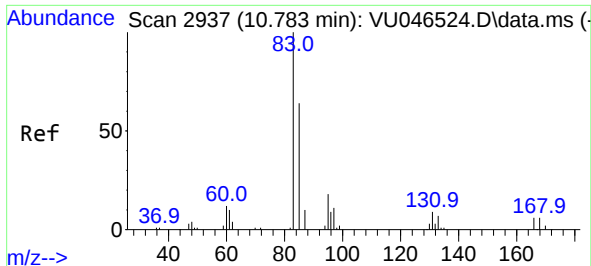
Tgt Ion:106 Resp: 306071
Ion Ratio Lower Upper
106 100
91 220.4 147.5 273.9



#55
Styrene
Concen: 30.251 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion:104 Resp: 540073
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 29.477 ug/L

RT: 10.787 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU046526.D

Acq: 21 Dec 2021 13:53

Instrument :

MSVOA_U

ClientSampleId :

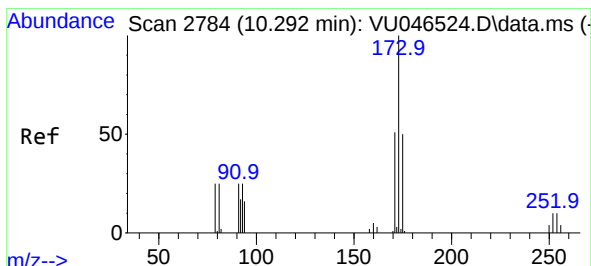
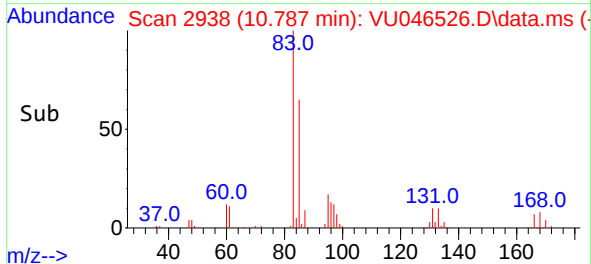
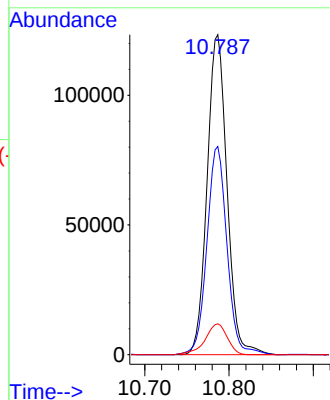
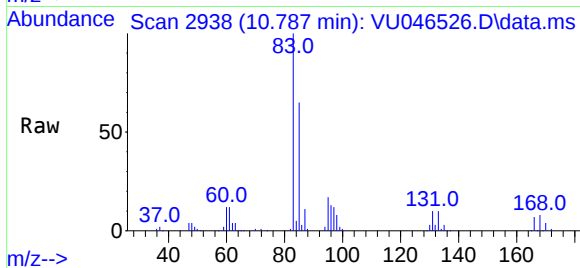
Tgt Ion: 83 Resp: 202712

Ion Ratio Lower Upper

83 100

85 65.1 47.9 89.1

131 9.7 8.1 12.1



#59

Bromoform

Concen: 28.884 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU046526.D

Acq: 21 Dec 2021 13:53

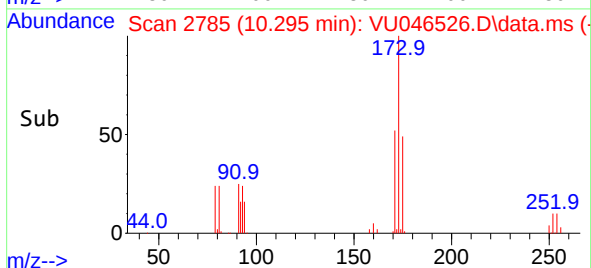
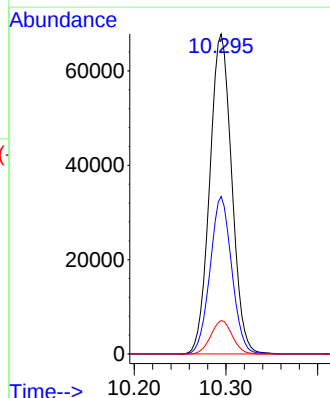
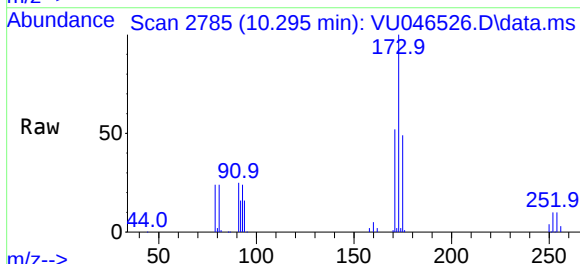
Tgt Ion:173 Resp: 113134

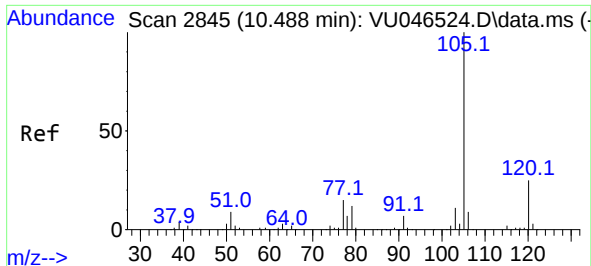
Ion Ratio Lower Upper

173 100

175 48.4 37.8 56.6

254 10.1 7.3 10.9

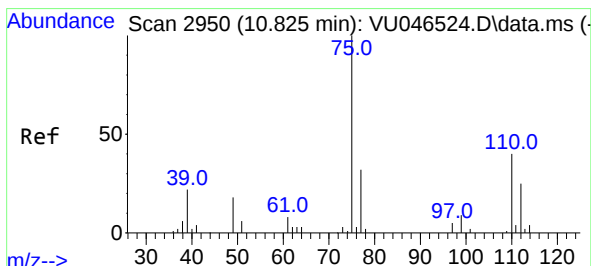
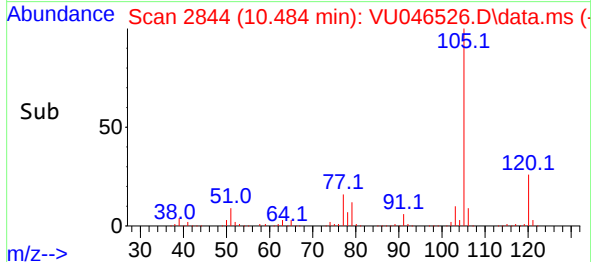
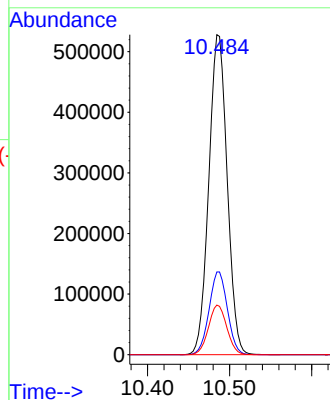
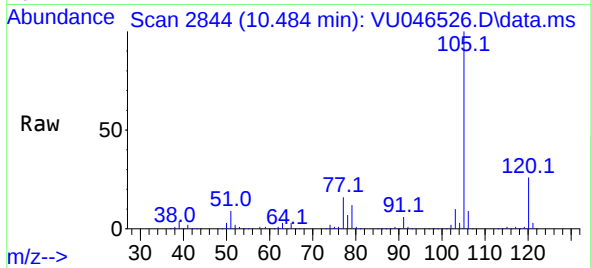




#60
Isopropylbenzene
Concen: 25.704 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

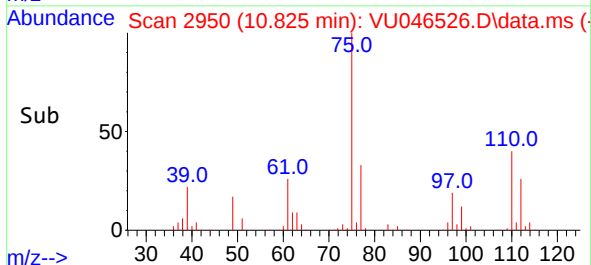
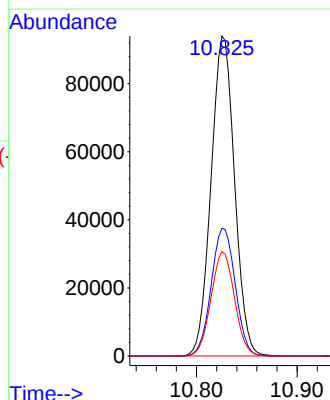
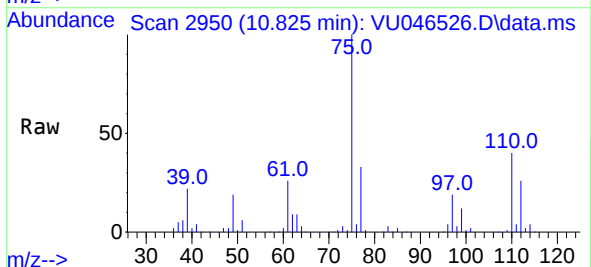
Instrument :
MSVOA_U
ClientSampleId :

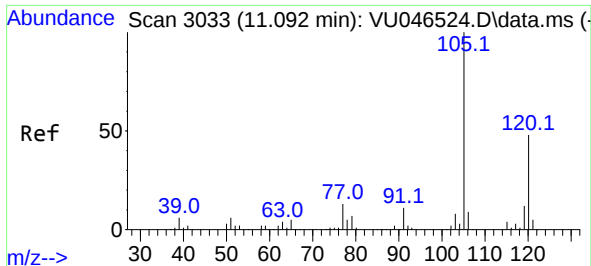
Tgt Ion:105 Resp: 819145
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.642 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion: 75 Resp: 152476
Ion Ratio Lower Upper
75 100
110 40.8 29.9 44.9
77 32.6 25.5 38.3

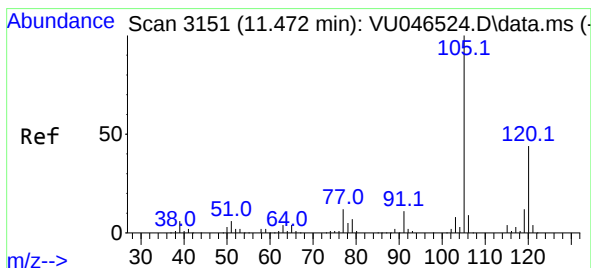
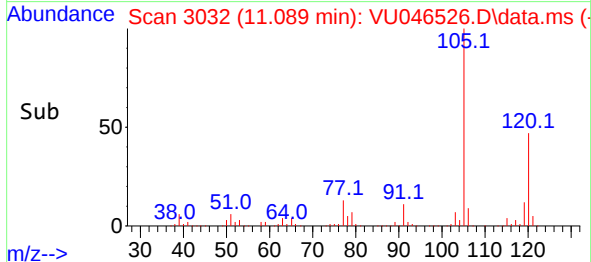
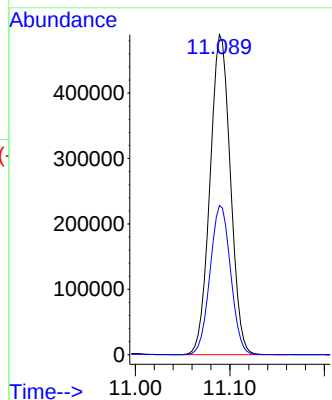
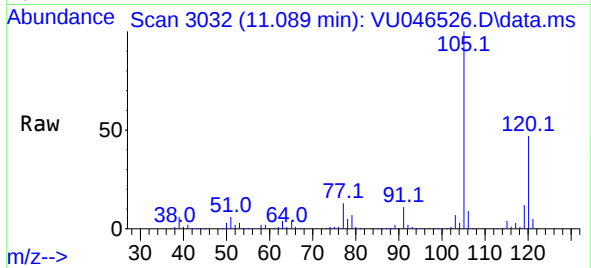




#62
1,3,5-Trimethylbenzene
Concen: 27.945 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

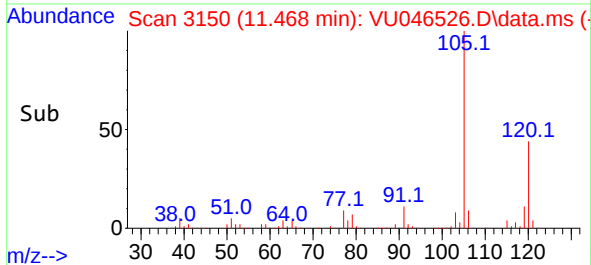
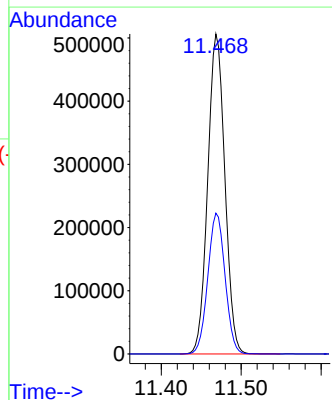
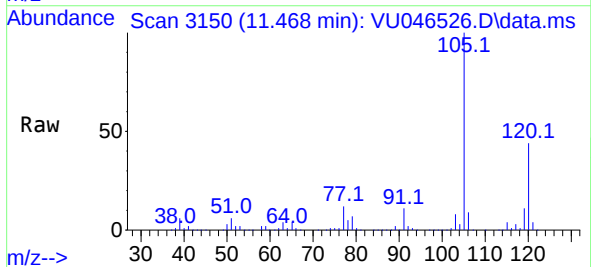
Instrument :
MSVOA_U
ClientSampleId :

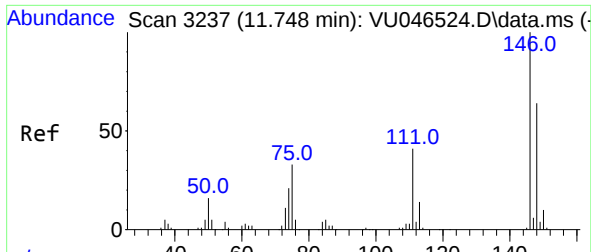
Tgt Ion:105 Resp: 733869
Ion Ratio Lower Upper
105 100
120 47.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 28.627 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

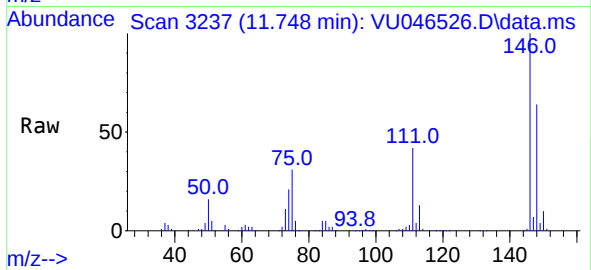
Tgt Ion:105 Resp: 754084
Ion Ratio Lower Upper
105 100
120 44.2 35.8 53.8



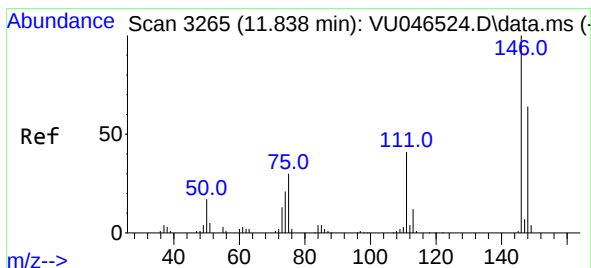
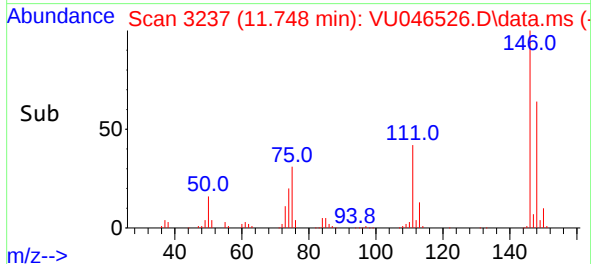
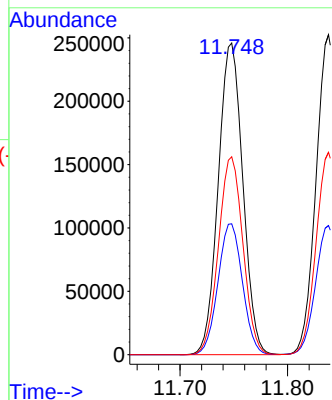


#64
1,3-Dichlorobenzene
Concen: 26.128 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :

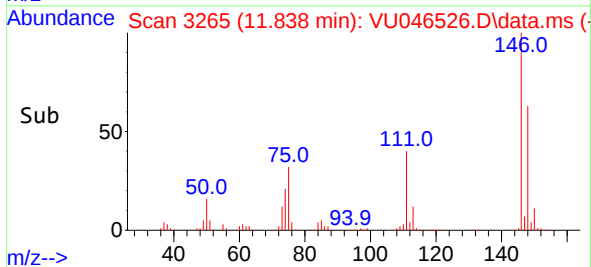
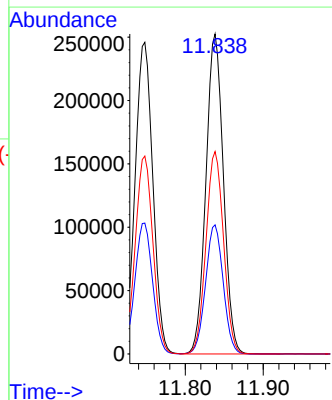
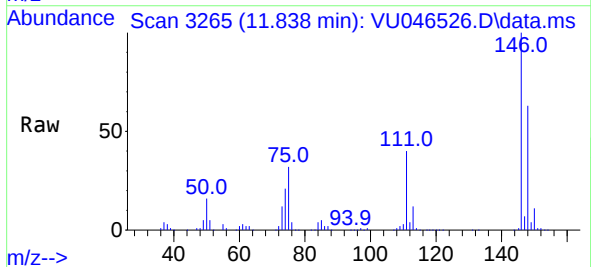


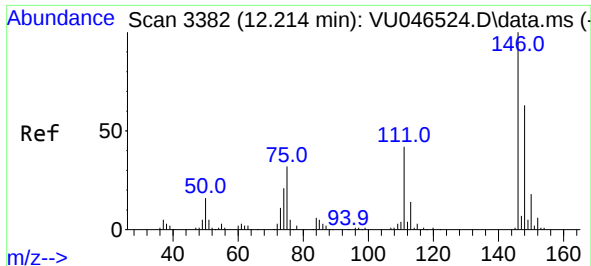
Tgt Ion:146 Resp: 390410
Ion Ratio Lower Upper
146 100
111 42.0 29.9 55.5
148 63.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 25.877 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion:146 Resp: 392765
Ion Ratio Lower Upper
146 100
111 40.4 28.7 53.3
148 63.3 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 26.551 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046526.D

Acq: 21 Dec 2021 13:53

Instrument :

MSVOA_U

ClientSampleId :

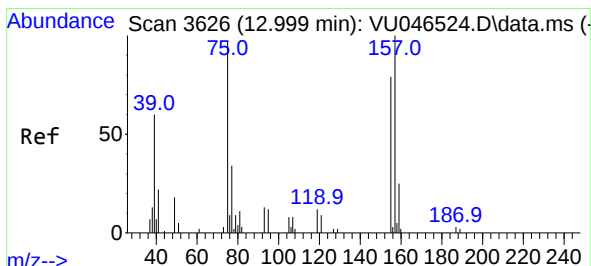
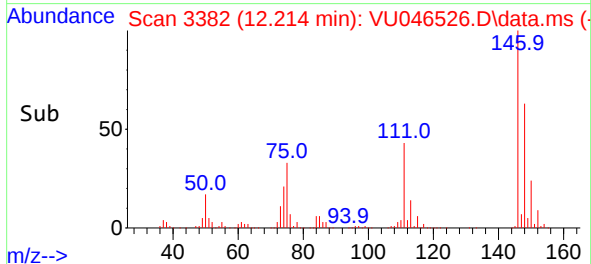
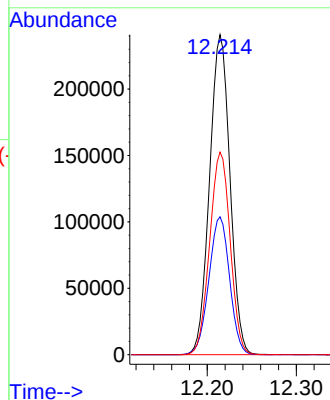
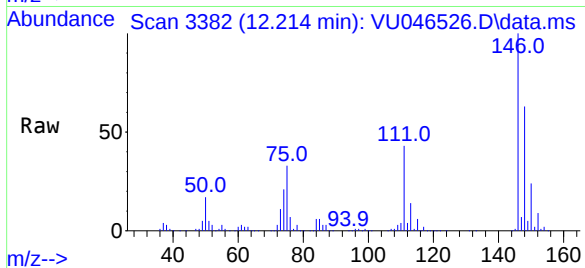
Tgt Ion:146 Resp: 382779

Ion Ratio Lower Upper

146 100

111 43.1 35.4 53.0

148 63.3 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 30.240 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046526.D

Acq: 21 Dec 2021 13:53

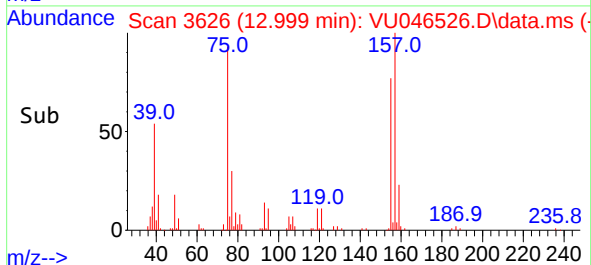
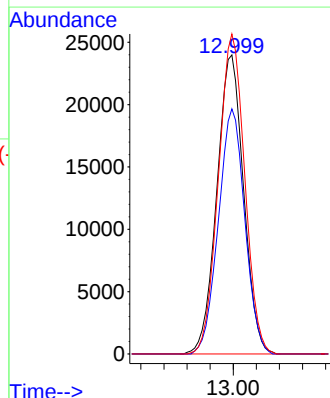
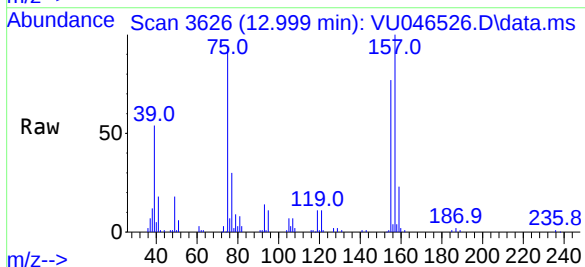
Tgt Ion: 75 Resp: 38595

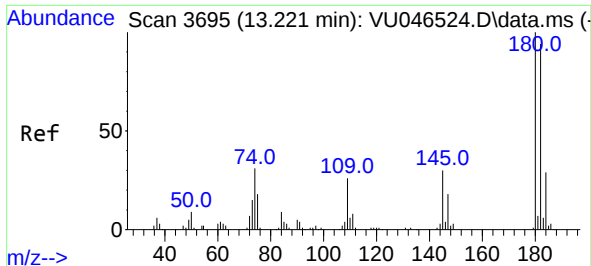
Ion Ratio Lower Upper

75 100

155 82.0 59.2 88.8

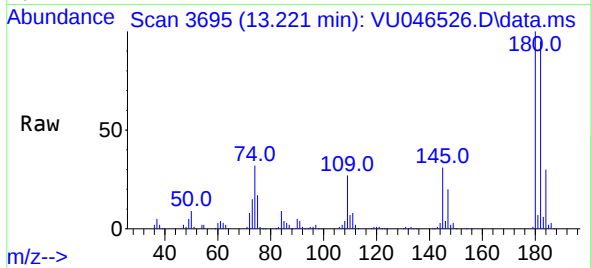
157 107.0 76.5 114.7



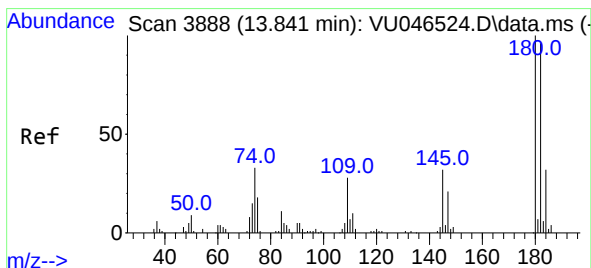
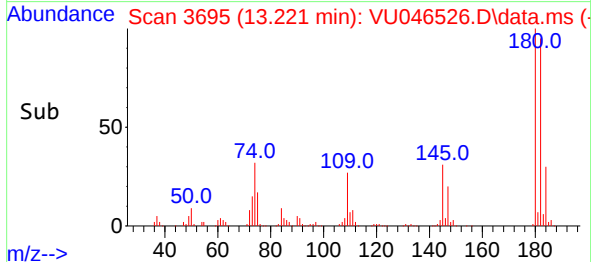
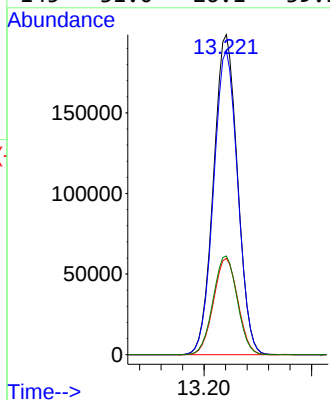


#69
1,3,5-Trichlorobenzene
Concen: 27.379 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :

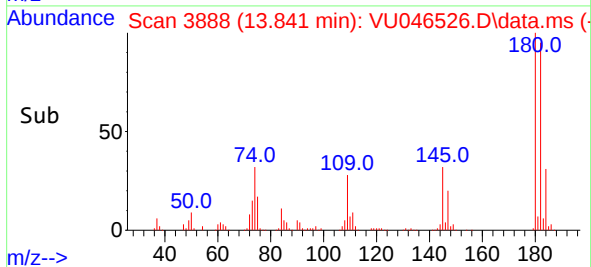
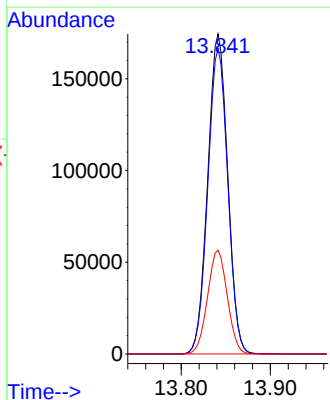
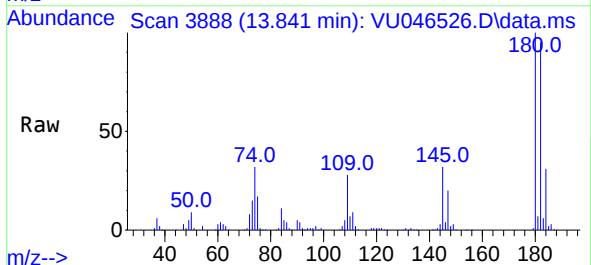


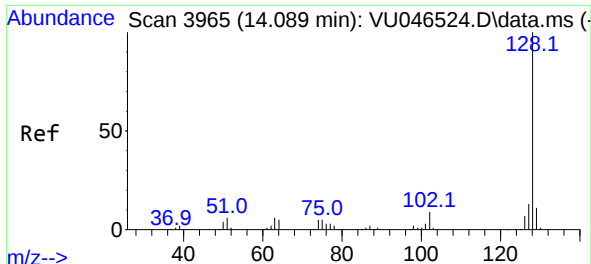
Tgt Ion:180 Resp: 307423
Ion Ratio Lower Upper
180 100
182 95.6 76.1 114.1
184 30.5 25.0 37.4
145 31.0 26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 28.583 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

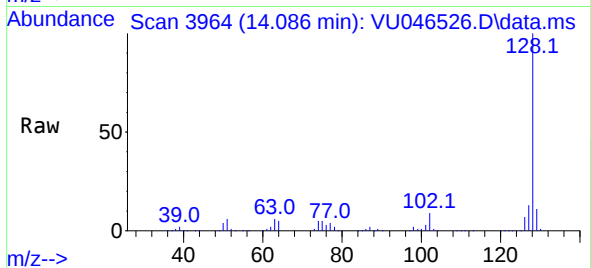
Tgt Ion:180 Resp: 271311
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 32.1 25.6 38.4



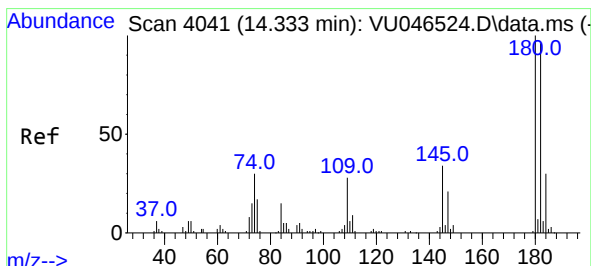
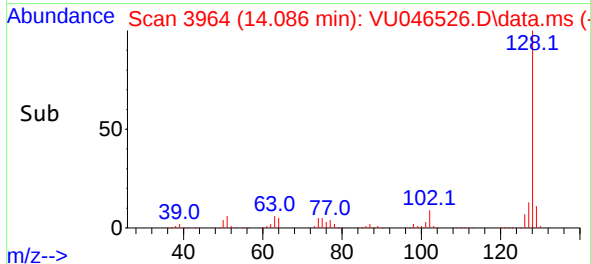
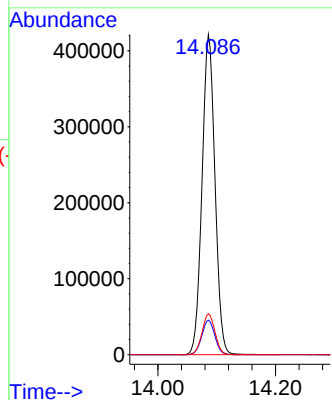


#71
Naphthalene
Concen: 31.724 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 641875
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 27.020 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046526.D
Acq: 21 Dec 2021 13:53

Tgt Ion:180 Resp: 256386
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.4
145 34.1 28.4 42.6

