

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046524.D
 Acq On : 21 Dec 2021 13:05
 Operator : SY/MD
 Sample : VSTD00542
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 13:56:43 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	6.250	114	92724	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	87483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	38193	5.236	ug/L	0.00
7) Chloroethane-d5	1.909	69	29175	5.497	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	15744	5.209	ug/L	0.00
20) 2-Butanone-d5	4.652	46	104190	53.238	ug/L	0.00
24) Chloroform-d	5.063	84	69155	5.590	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	38938	5.402	ug/L	0.00
32) Benzene-d6	5.726	84	130681	5.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	39154	5.196	ug/L	0.00
41) Toluene-d8	7.899	98	118933	5.447	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	17664	5.644	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	106126	70.541	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37828	5.792	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	41989	5.491	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.375	85	73559	8.275	ug/L	99
3) Chloromethane	1.517	50	63760	7.195	ug/L	99
5) Vinyl chloride	1.597	62	63237	7.162	ug/L	99
6) Bromomethane	1.855	94	37020	7.054	ug/L	98
8) Chloroethane	1.929	64	37090	7.313	ug/L	100
9) Trichlorofluoromethane	2.134	101	80203	7.052	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	41499	6.440	ug/L	97
12) 1,1-Dichloroethene	2.575	96	41876	6.756	ug/L	84
13) Acetone	2.684	43	88868	69.493	ug/L	72
14) Carbon disulfide	2.790	76	137408	6.909	ug/L	99
15) Methyl Acetate	2.961	43	22755	7.224	ug/L	99
16) Methylene chloride	3.044	84	49324	5.490	ug/L	95
17) Methyl tert-butyl Ether	3.359	73	128779	7.645	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	45667	6.808	ug/L	94
19) 1,1-Dichloroethane	3.864	63	84668	6.778	ug/L	99
21) 2-Butanone	4.729	43	159142	73.645	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	49772	6.863	ug/L	99
23) Bromochloromethane	4.973	128	24886	7.630	ug/L	92
25) Chloroform	5.086	83	90514	6.689	ug/L	99
27) 1,2-Dichloroethane	5.793	62	65161	7.316	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	78540	7.368	ug/L	98
30) Cyclohexane	5.388	56	65405	6.490	ug/L	95
31) Carbon tetrachloride	5.523	117	64916	7.297	ug/L	99
33) Benzene	5.774	78	189275	7.052	ug/L	100
34) Trichloroethene	6.543	95	48647	6.985	ug/L	98
35) Methylcyclohexane	6.764	83	70788	6.755	ug/L	97
37) 1,2-Dichloropropane	6.790	63	49689	7.046	ug/L	99
38) Bromodichloromethane	7.105	83	65565	7.384	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	73084	7.198	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	371028	77.680	ug/L	97
42) Toluene	7.970	91	196238	7.119	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	67703	7.552	ug/L	99

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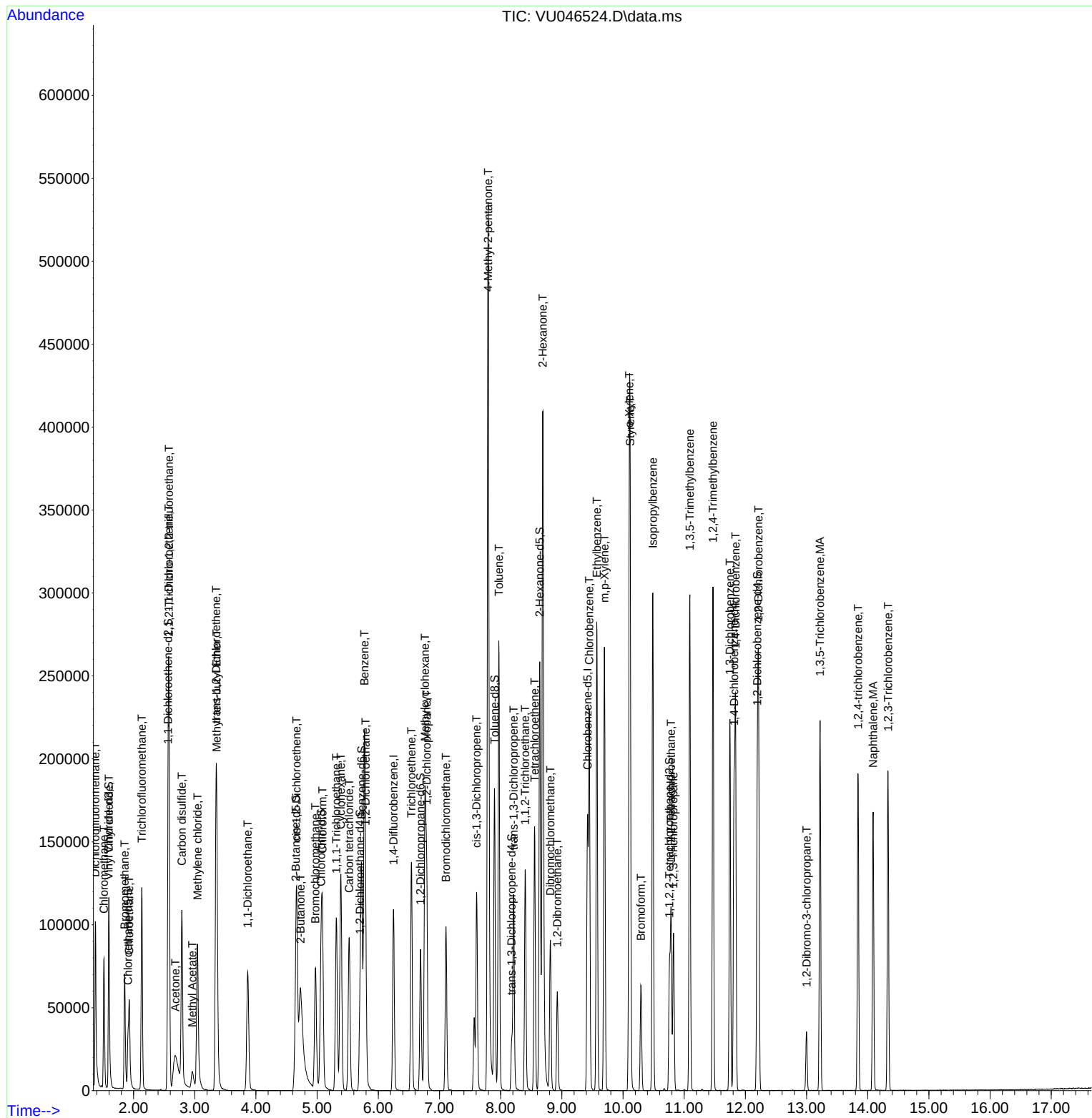
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	41556	7.654	ug/L	96
47) Tetrachloroethene	8.555	164	33766	6.991	ug/L	96
48) 2-Hexanone	8.687	43	272061	79.107	ug/L	97
49) Dibromochloromethane	8.813	129	47119	7.629	ug/L	99
50) 1,2-Dibromoethane	8.925	107	39763	7.772	ug/L	97
51) Chlorobenzene	9.449	112	119032	6.903	ug/L	98
52) Ethylbenzene	9.571	91	197632	6.886	ug/L	99
53) m,p-Xylene	9.697	106	76684	7.006	ug/L	93
54) o-Xylene	10.102	106	75435	7.090	ug/L	95
55) Styrene	10.118	104	131565	7.318	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	52403	7.567	ug/L	95
59) Bromoform	10.292	173	28408	8.257	ug/L	98
60) Isopropylbenzene	10.488	105	193308	6.906	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	39807	7.621	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	162183	7.031	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	164997	7.131	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	89782	6.841	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	90443	6.784	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	89110	7.037	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	9246	8.248	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	67062	6.800	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	56450	6.771	ug/L	100
71) Naphthalene	14.089	128	132387	7.449	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	56978	6.836	ug/L	99

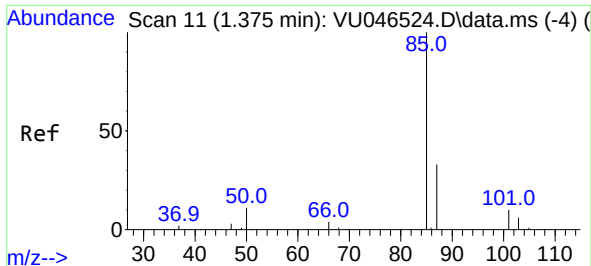
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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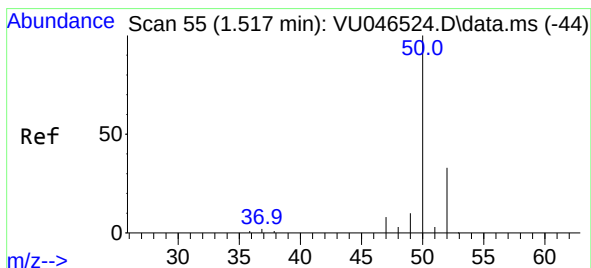
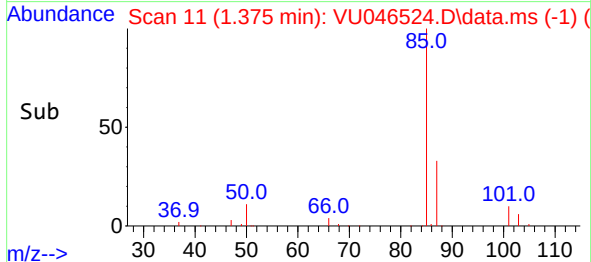
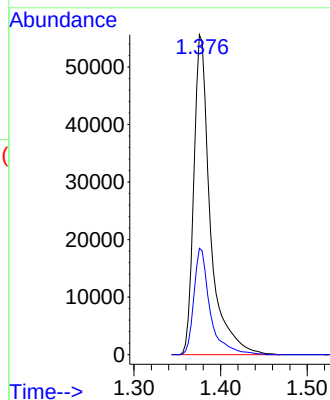
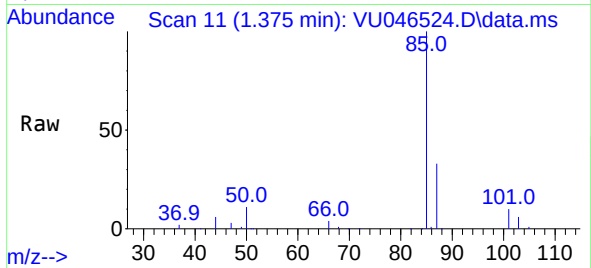




#2
Dichlorodifluoromethane
Concen: 8.275 ug/L
RT: 1.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

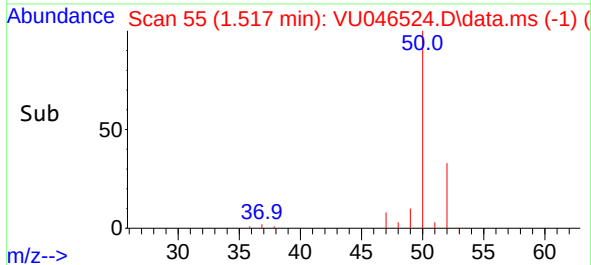
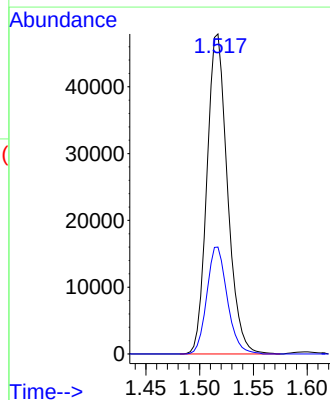
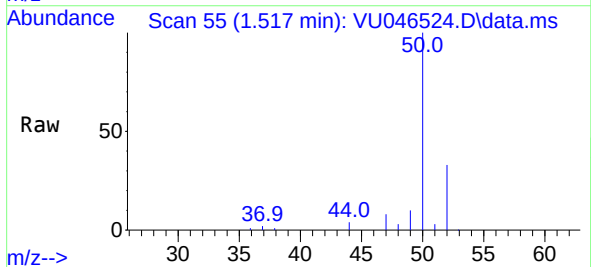
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MSVOA_U
ClientSampleId :

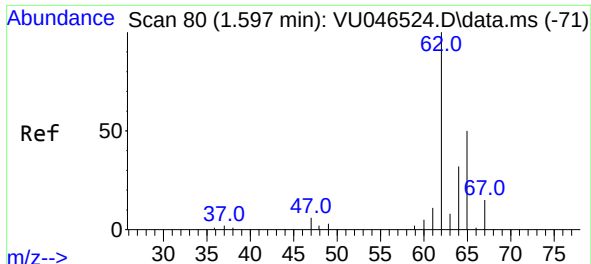
Tgt Ion: 85 Resp: 73559
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 7.195 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 50 Resp: 63760
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8

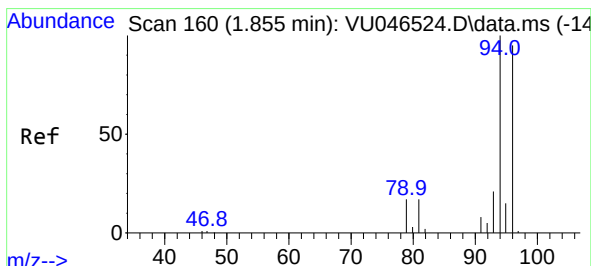
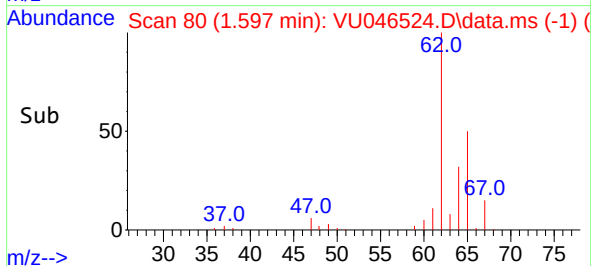
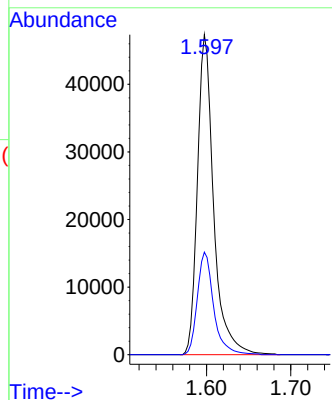
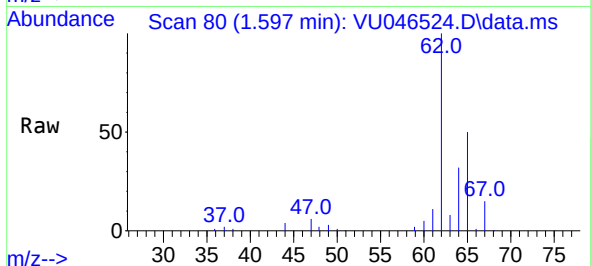




#5
 Vinyl chloride
 Concen: 7.162 ug/L
 RT: 1.597 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VU046524.D
 Acq: 21 Dec 2021 13:05

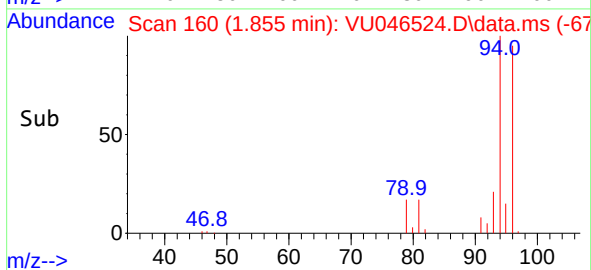
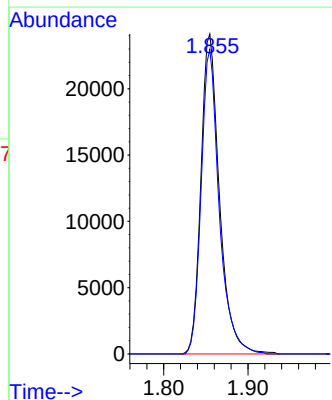
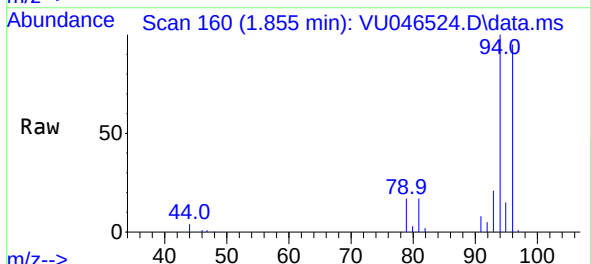
Instrument :
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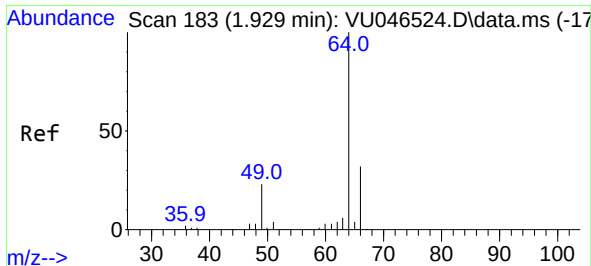
Tgt Ion: 62 Resp: 63237
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.9 42.5



#6
 Bromomethane
 Concen: 7.054 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU046524.D
 Acq: 21 Dec 2021 13:05

Tgt Ion: 94 Resp: 37020
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.5 121.6

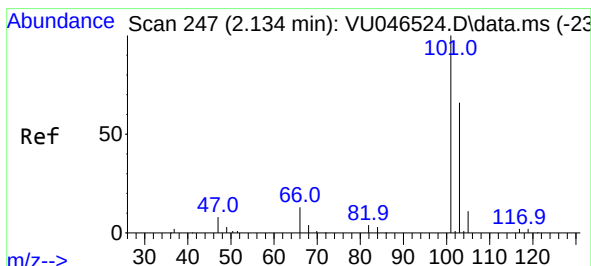
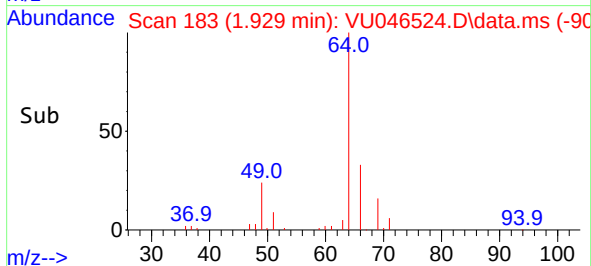
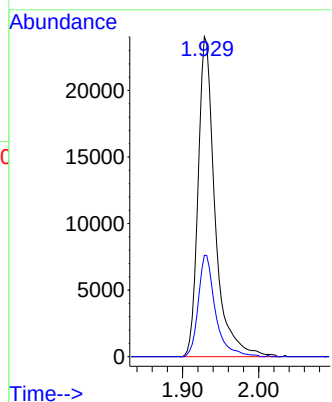
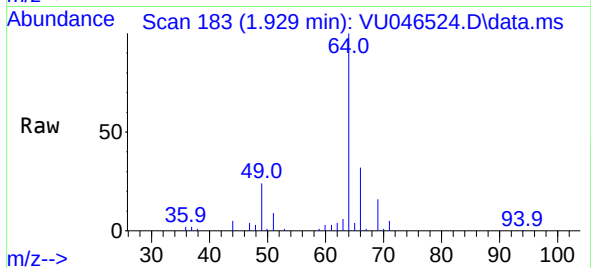




#8
Chloroethane
Concen: 7.313 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

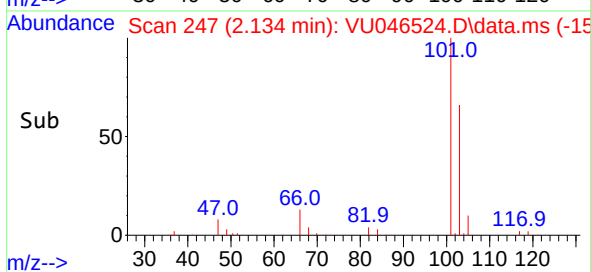
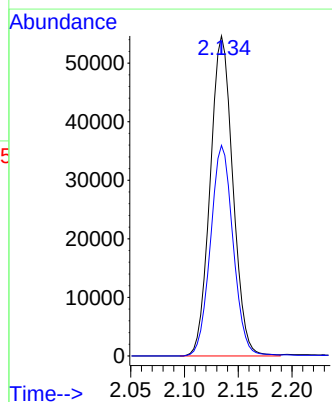
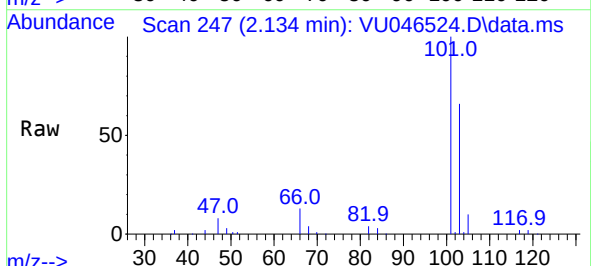
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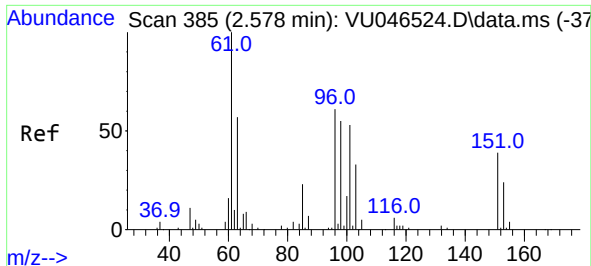
Tgt Ion: 64 Resp: 37090
Ion Ratio Lower Upper
64 100
66 31.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 7.052 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion:101 Resp: 80203
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3

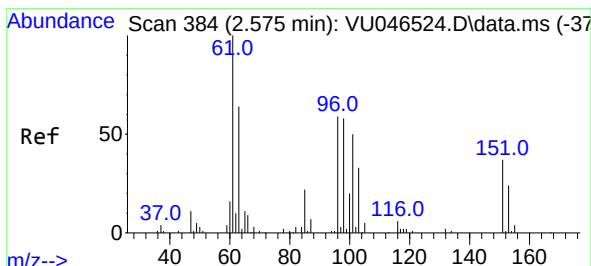
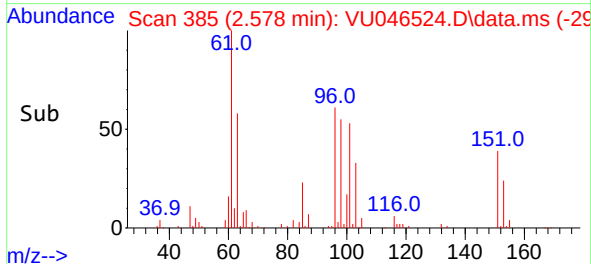
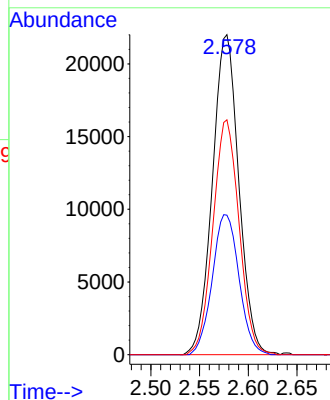
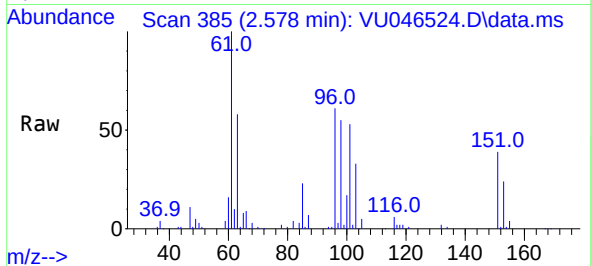




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.440 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

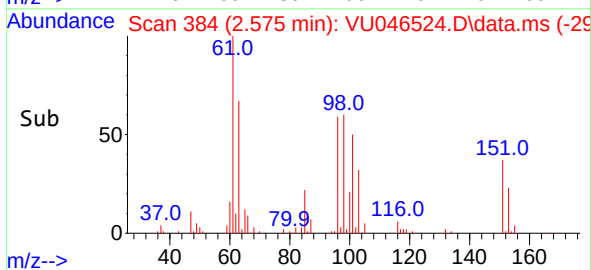
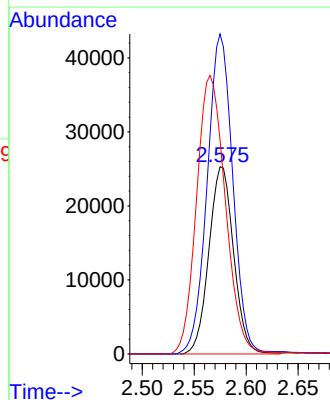
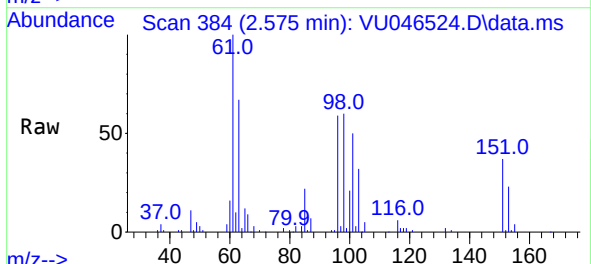
Instrument :
MSVOA_U
ClientSampleId :

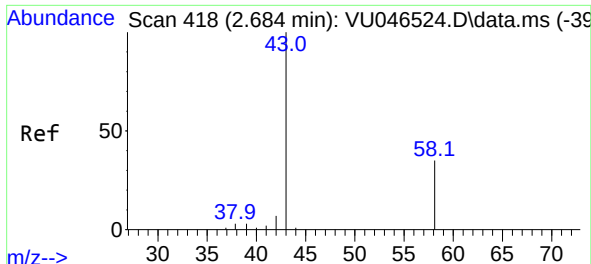
Tgt Ion:101 Resp: 41499
Ion Ratio Lower Upper
101 100
85 44.4 34.6 51.8
151 72.6 56.1 84.1



#12
1,1-Dichloroethene
Concen: 6.756 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 96 Resp: 41876
Ion Ratio Lower Upper
96 100
61 170.9 124.7 231.5
63 114.4 105.2 195.4





#13

Acetone

Concen: 69.493 ug/L

RT: 2.684 min Scan# 418

Delta R.T. 0.000 min

Lab File: VU046524.D

Acq: 21 Dec 2021 13:05

Instrument :

MSVOA_U

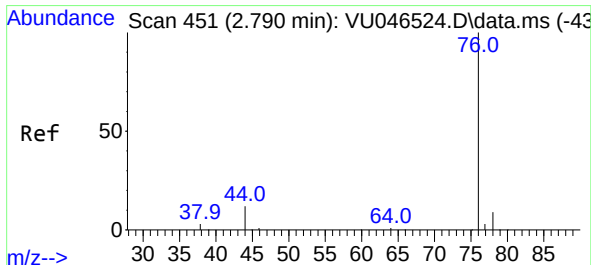
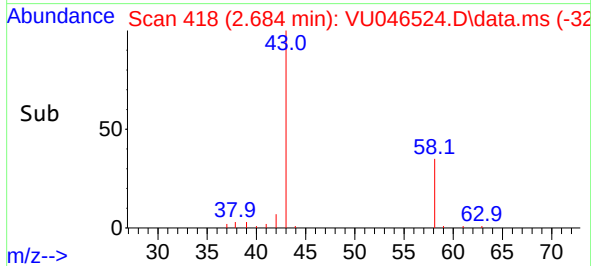
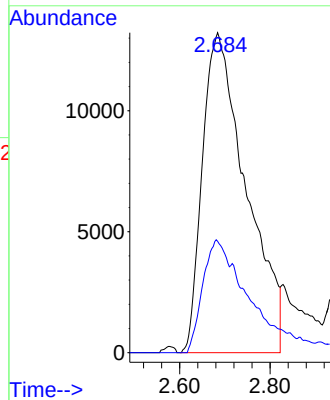
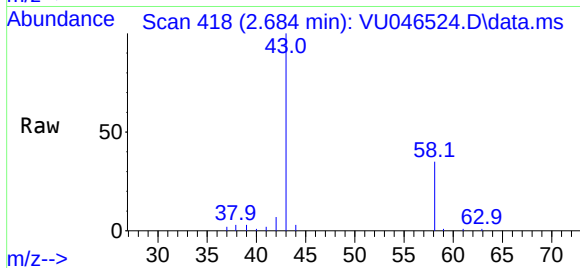
ClientSampleId :

Tgt Ion: 43 Resp: 88868

Ion Ratio Lower Upper

43 100

58 19.3 0.0 71.6



#14

Carbon disulfide

Concen: 6.909 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU046524.D

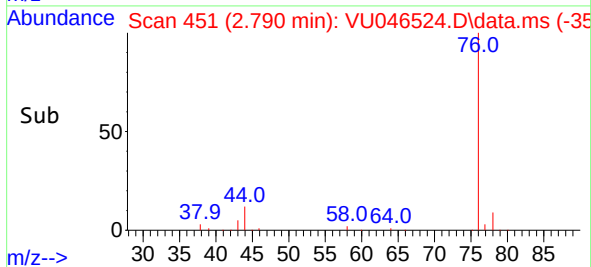
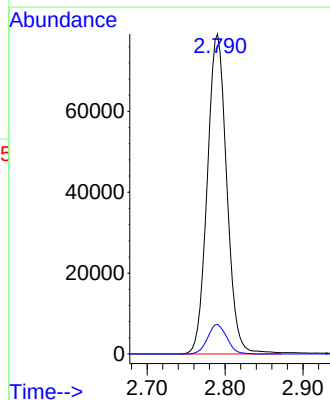
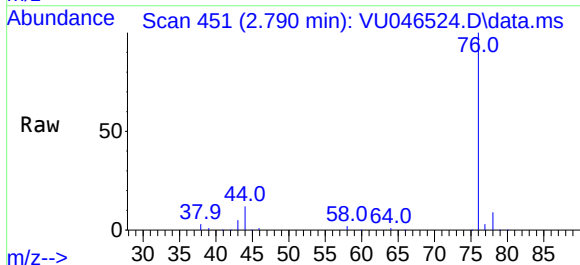
Acq: 21 Dec 2021 13:05

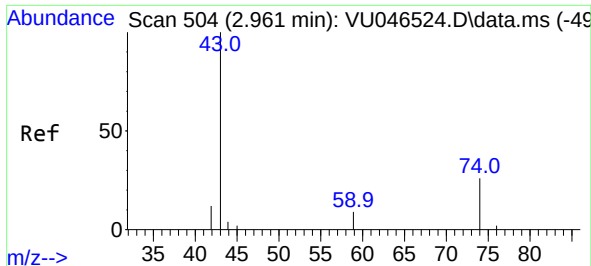
Tgt Ion: 76 Resp: 137408

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

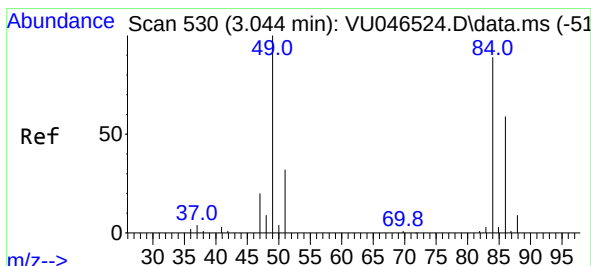
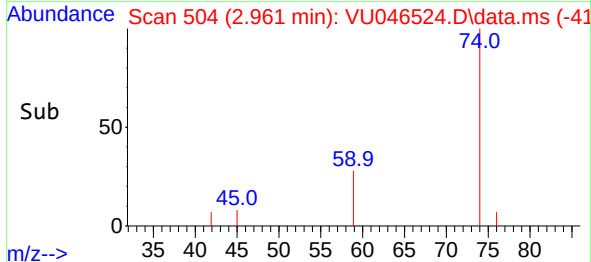
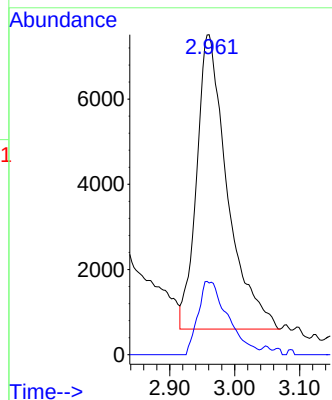
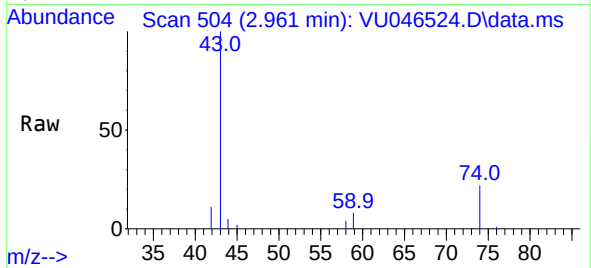




#15
Methyl Acetate
Concen: 7.224 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

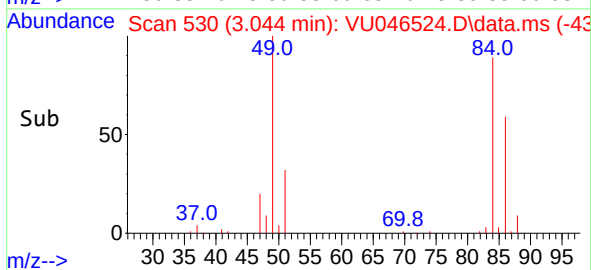
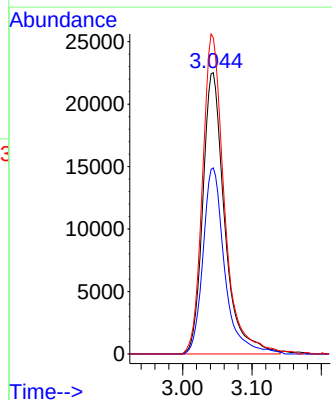
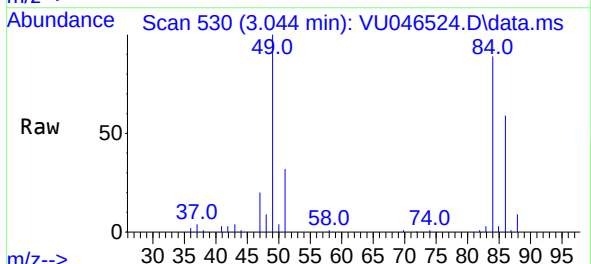
Instrument :
MSVOA_U
ClientSampleId :

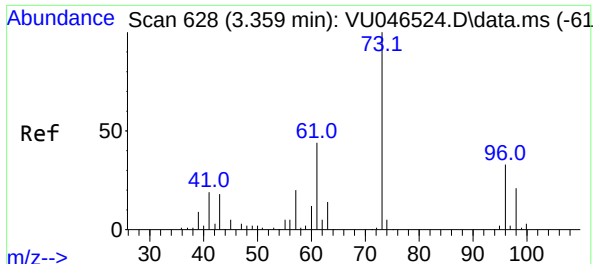
Tgt Ion: 43 Resp: 22755
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7



#16
Methylene chloride
Concen: 5.490 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

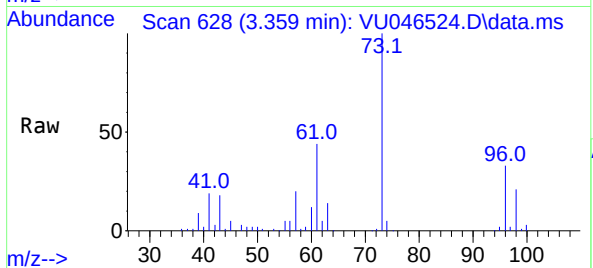
Tgt Ion: 84 Resp: 49324
Ion Ratio Lower Upper
84 100
86 66.2 45.8 85.0
49 112.4 84.5 156.9





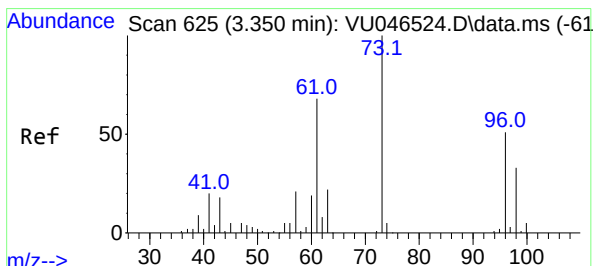
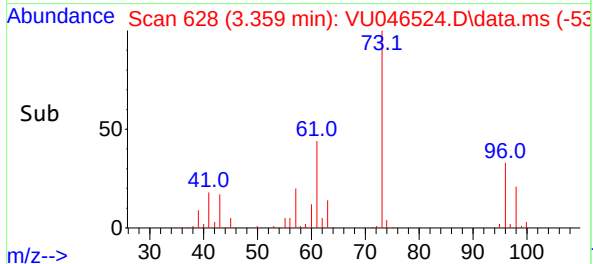
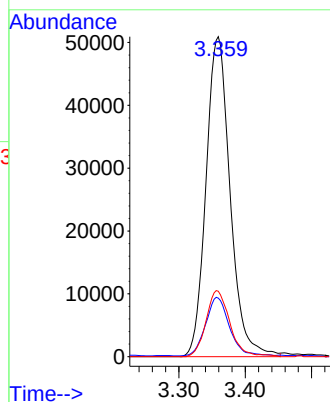
#17
Methyl tert-butyl Ether
Concen: 7.645 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 128779

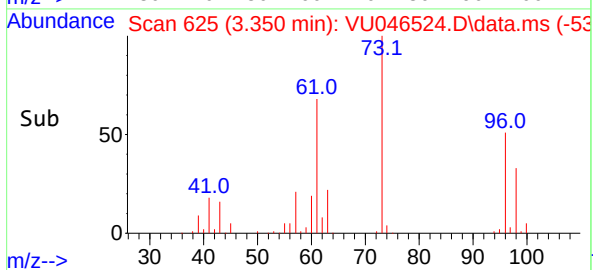
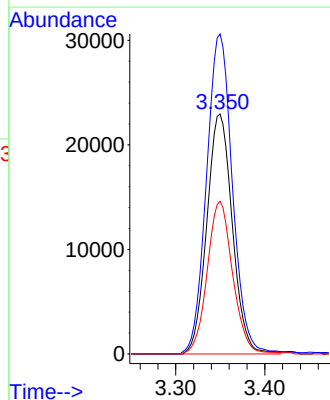
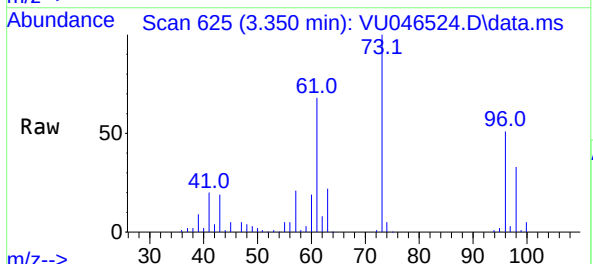
Ion	Ratio	Lower	Upper
73	100		
43	17.9	14.8	22.2
57	20.4	17.4	26.0

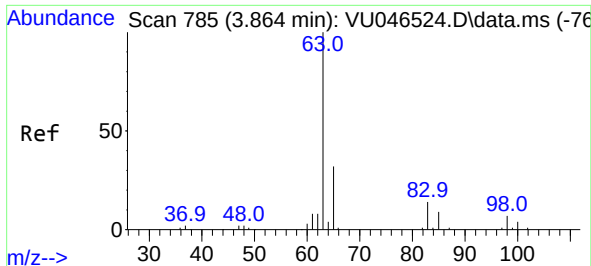


#18
trans-1,2-Dichloroethene
Concen: 6.808 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 96 Resp: 45667

Ion	Ratio	Lower	Upper
96	100		
61	133.4	100.8	187.2
98	63.6	45.1	83.7

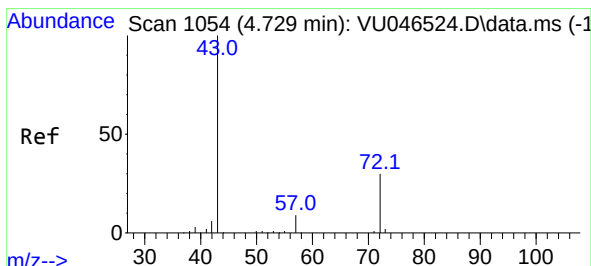
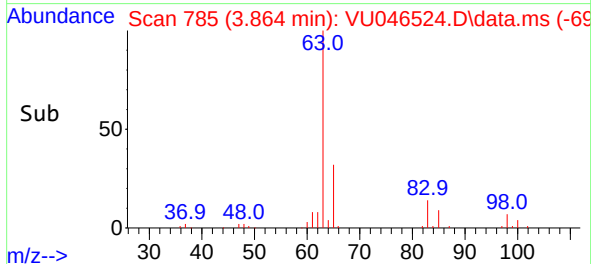
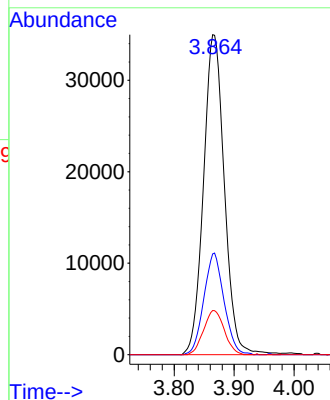
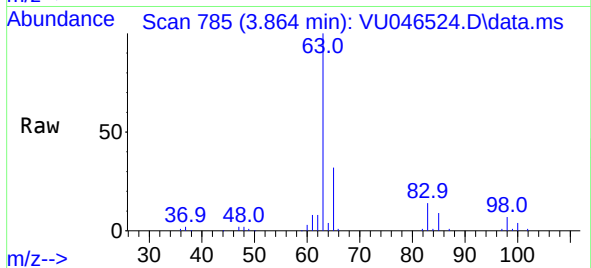




#19
1,1-Dichloroethane
Concen: 6.778 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

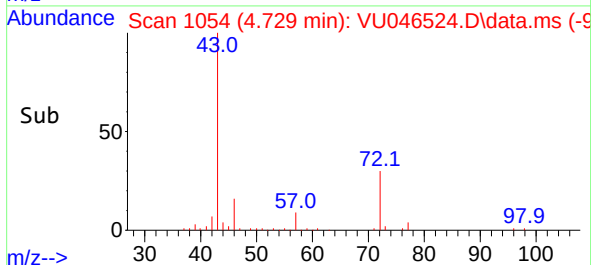
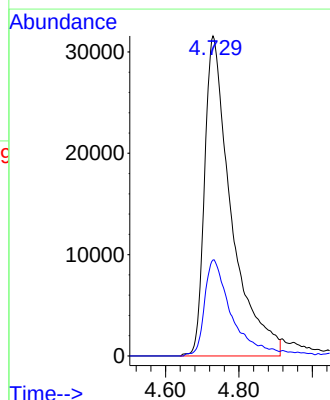
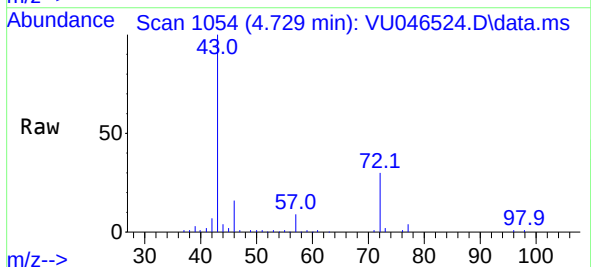
Instrument :
MSVOA_U
ClientSampleId :

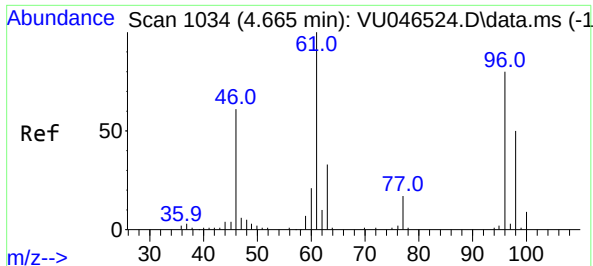
Tgt Ion: 63 Resp: 84668
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.5
83 13.8 9.6 17.8



#21
2-Butanone
Concen: 73.645 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 43 Resp: 159142
Ion Ratio Lower Upper
43 100
72 28.7 14.1 42.3

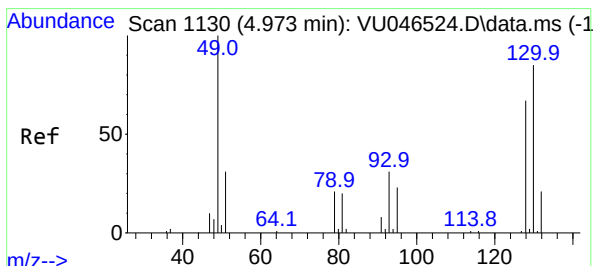
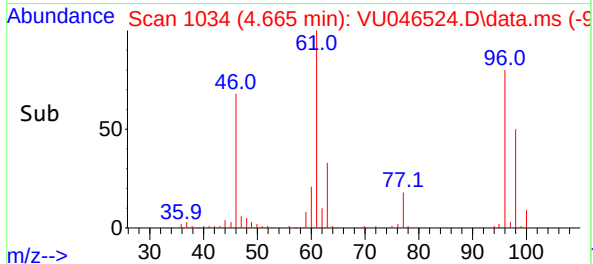
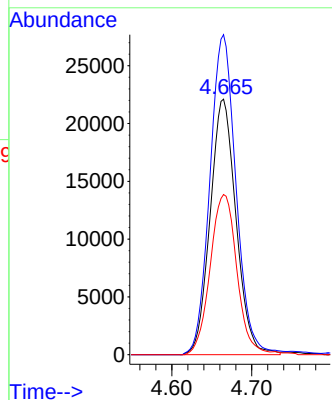
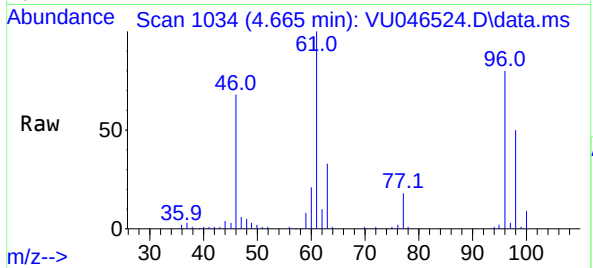




#22
 cis-1,2-Dichloroethene
 Concen: 6.863 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU046524.D
 Acq: 21 Dec 2021 13:05

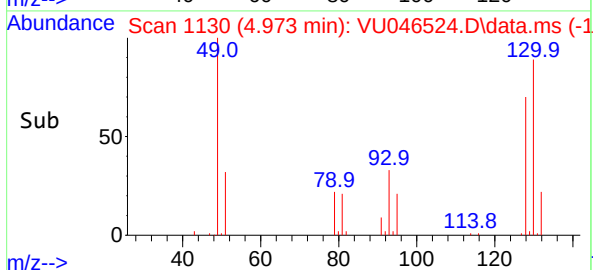
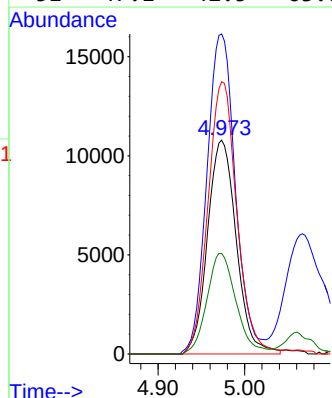
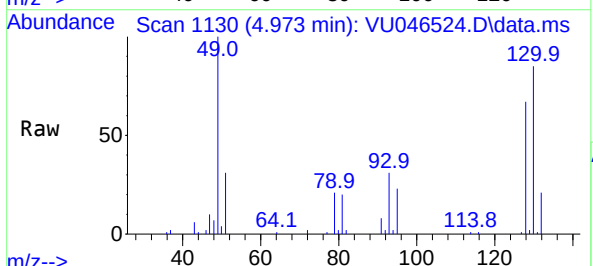
Instrument :
 MSVOA_U
 ClientSampleId :

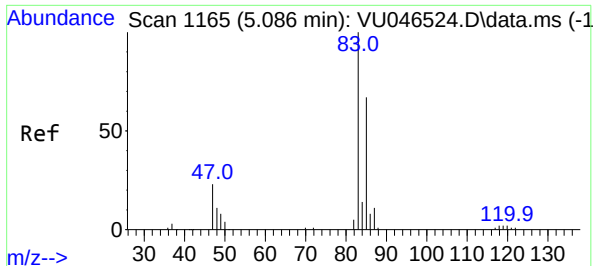
Tgt Ion: 96 Resp: 49772
 Ion Ratio Lower Upper
 96 100
 61 125.3 88.5 164.3
 98 62.7 44.4 82.5



#23
 Bromochloromethane
 Concen: 7.630 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU046524.D
 Acq: 21 Dec 2021 13:05

Tgt Ion: 128 Resp: 24886
 Ion Ratio Lower Upper
 128 100
 49 149.7 117.0 217.2
 130 127.4 88.2 163.8
 51 47.1 42.5 63.7





#25

Chloroform

Concen: 6.689 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU046524.D

Acq: 21 Dec 2021 13:05

Instrument :

MSVOA_U

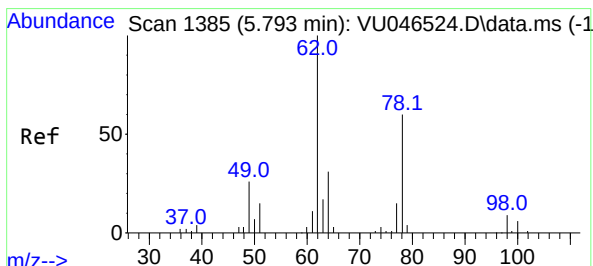
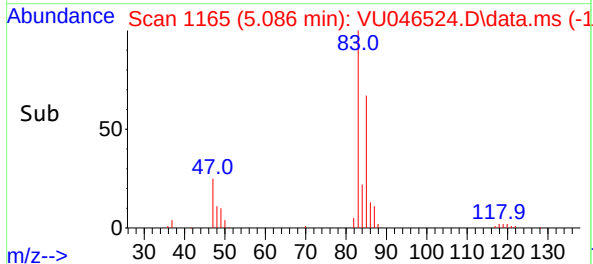
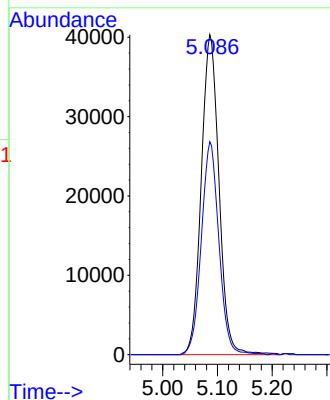
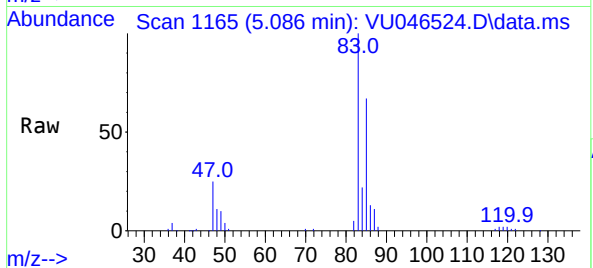
ClientSampleId :

Tgt Ion: 83 Resp: 90514

Ion Ratio Lower Upper

83 100

85 66.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 7.316 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU046524.D

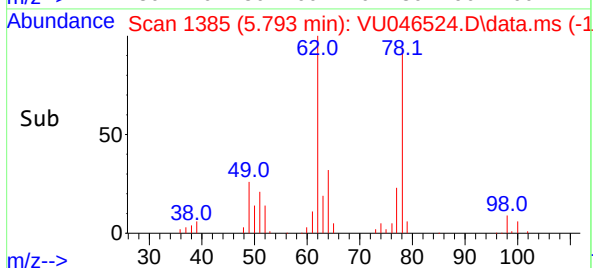
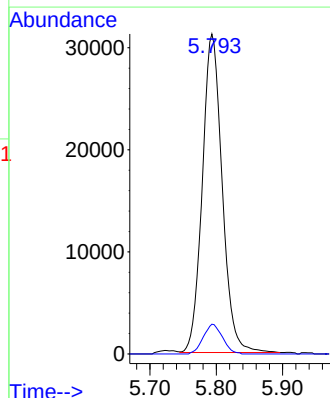
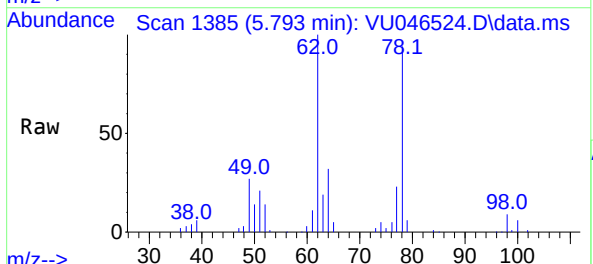
Acq: 21 Dec 2021 13:05

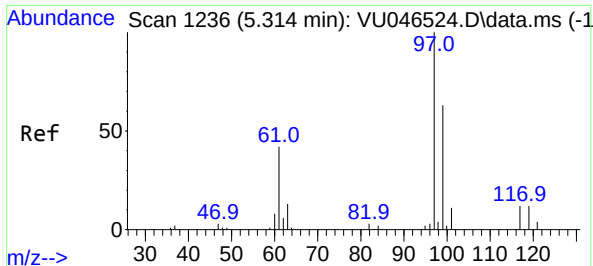
Tgt Ion: 62 Resp: 65161

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8



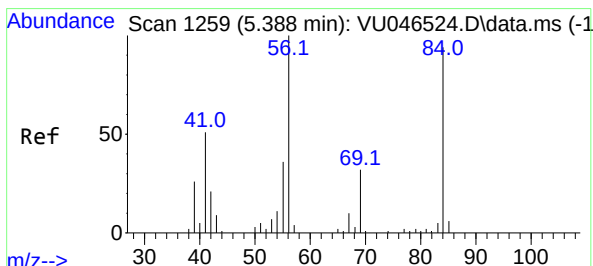
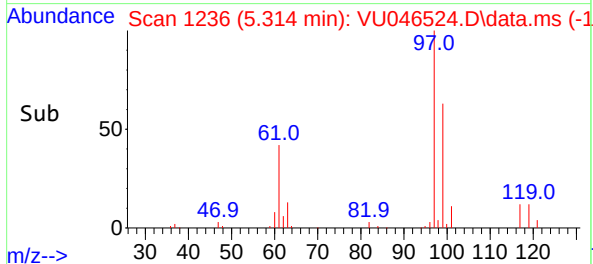
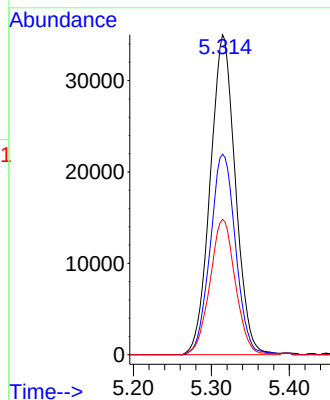
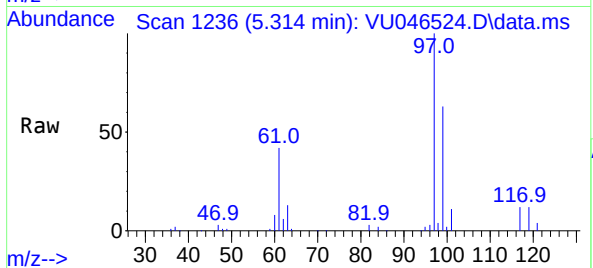


#29
1,1,1-Trichloroethane
Concen: 7.368 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 78540

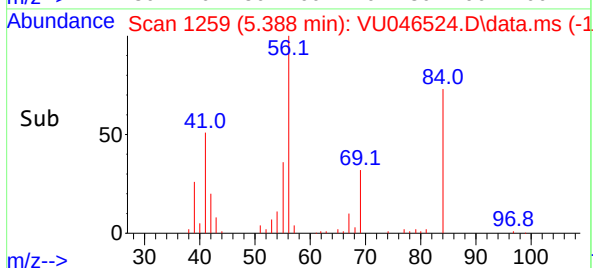
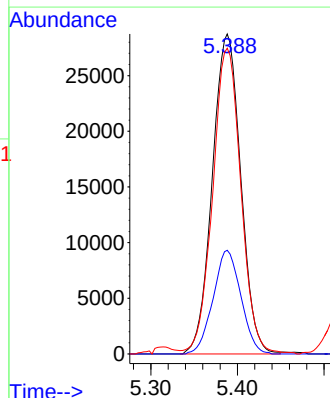
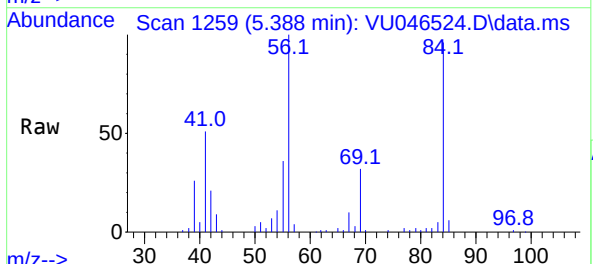
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	42.7	36.1	54.1

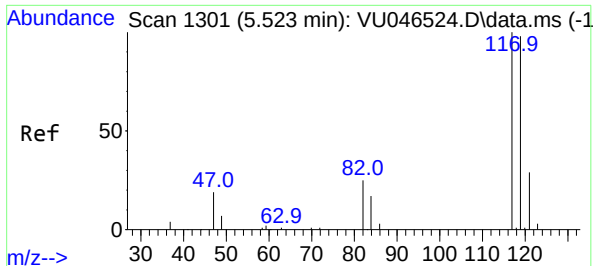


#30
Cyclohexane
Concen: 6.490 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 56 Resp: 65405

Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.7	37.1
84	95.1	71.8	107.6

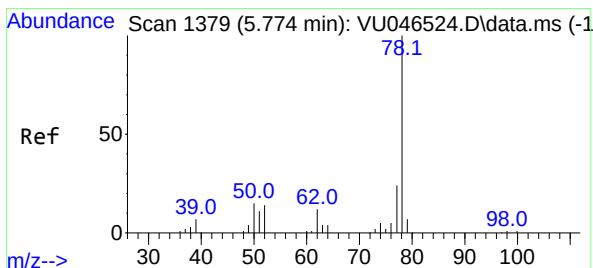
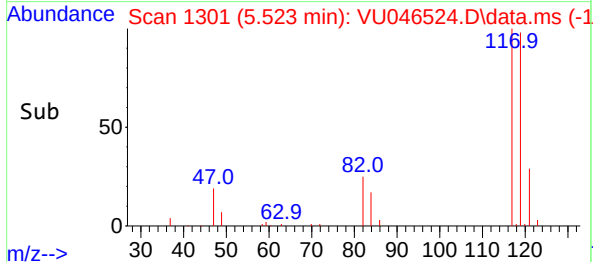
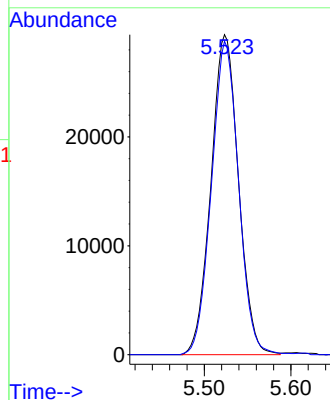
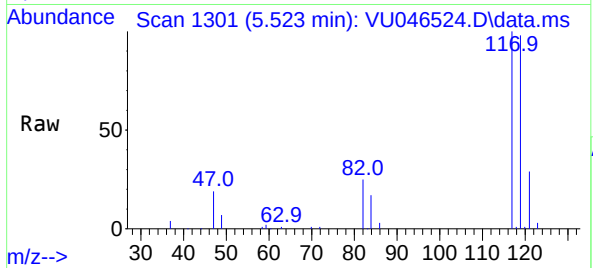




#31
Carbon tetrachloride
Concen: 7.297 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

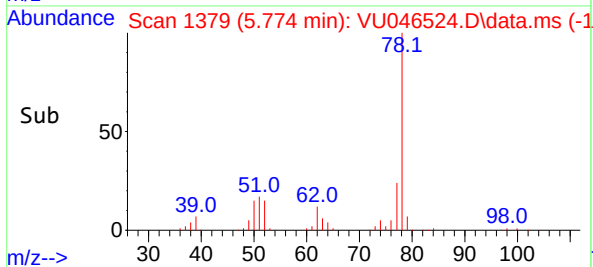
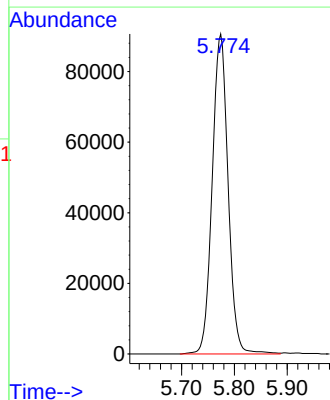
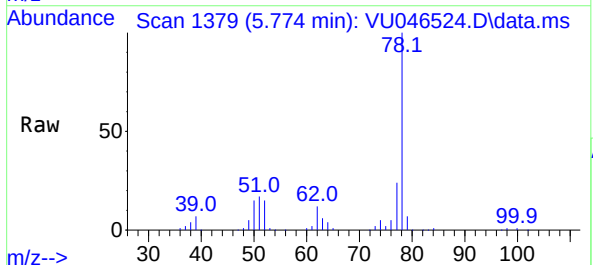
Instrument :
MSVOA_U
ClientSampleId :

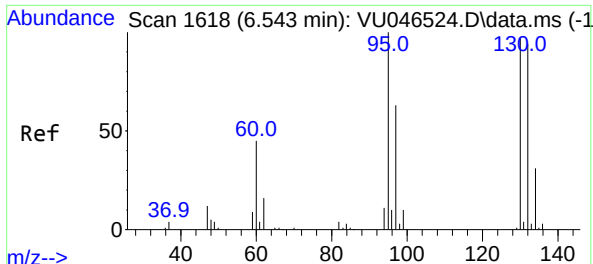
Tgt Ion:117 Resp: 64916
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 7.052 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 78 Resp: 189275



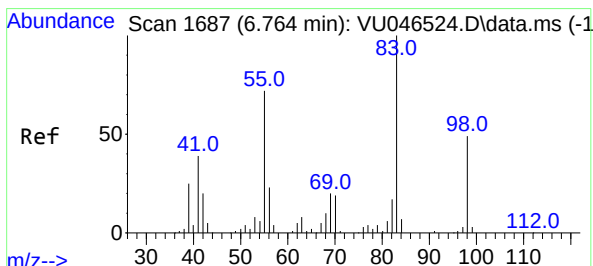
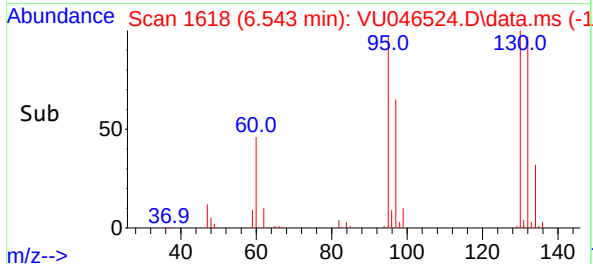
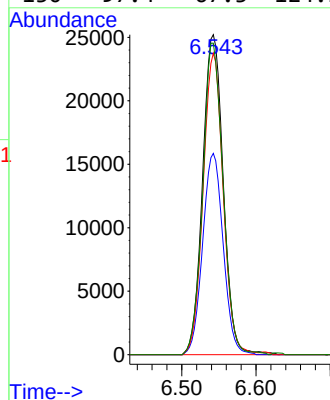
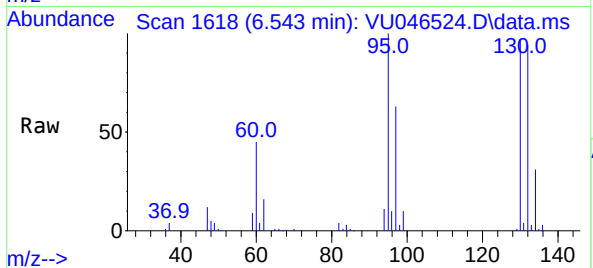


#34
Trichloroethene
Concen: 6.985 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 48647

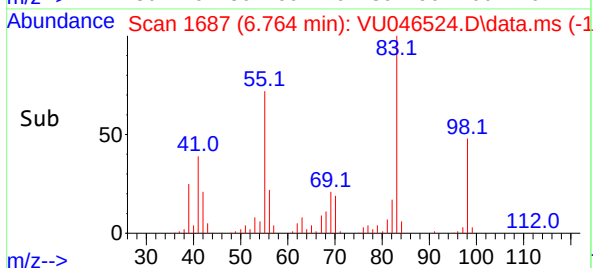
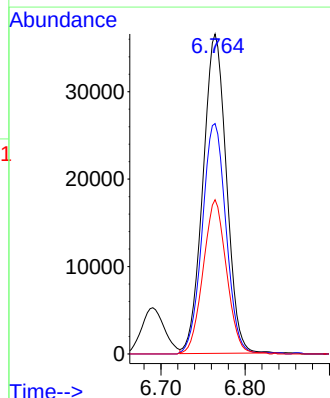
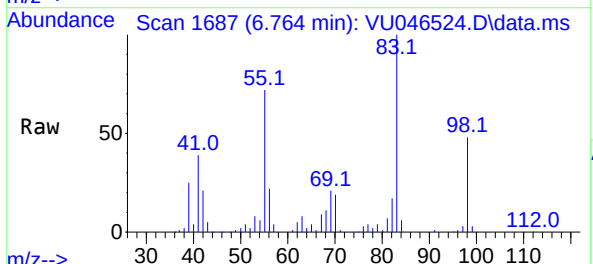
Ion	Ratio	Lower	Upper
95	100		
97	62.9	46.5	86.5
132	94.2	65.1	120.9
130	97.4	67.3	124.9

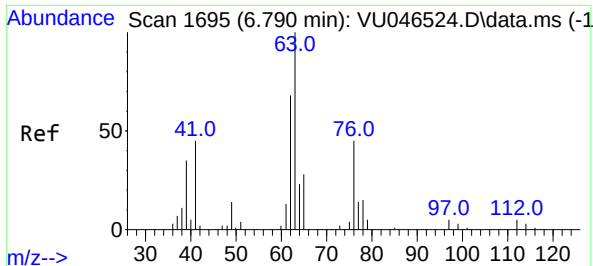


#35
Methylcyclohexane
Concen: 6.755 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 83 Resp: 70788

Ion	Ratio	Lower	Upper
83	100		
55	73.5	61.9	92.9
98	48.3	39.0	58.6

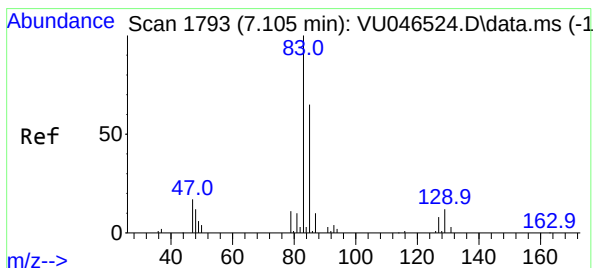
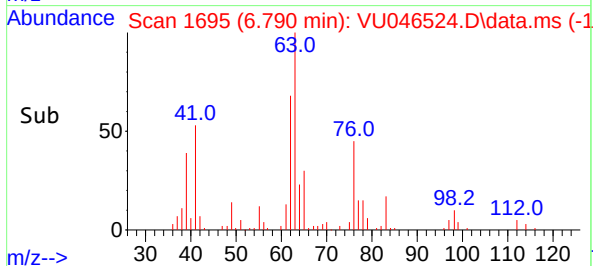
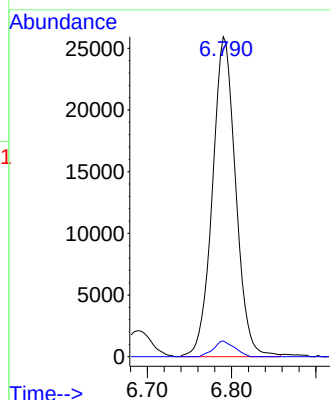
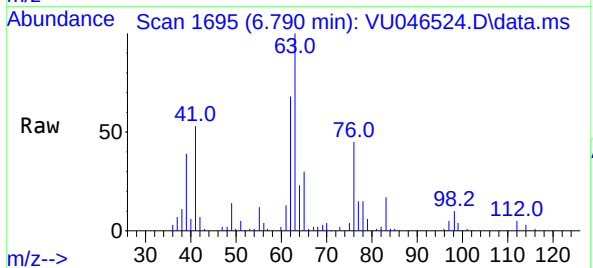




#37
1,2-Dichloropropane
Concen: 7.046 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

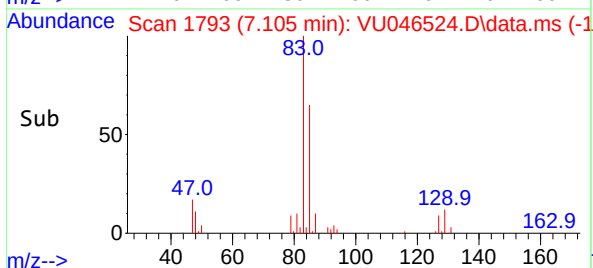
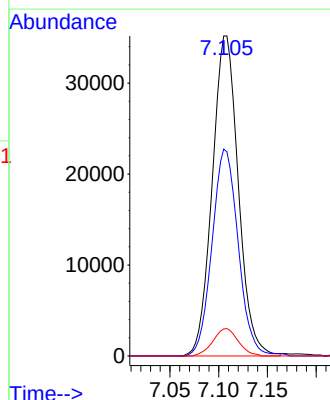
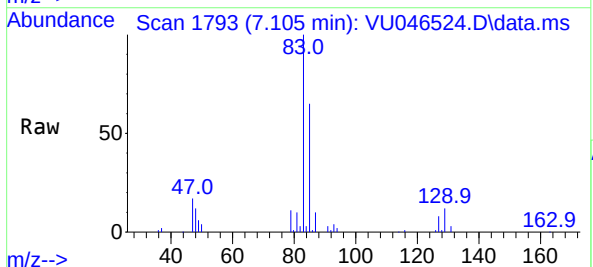
Instrument :
MSVOA_U
ClientSampleId :

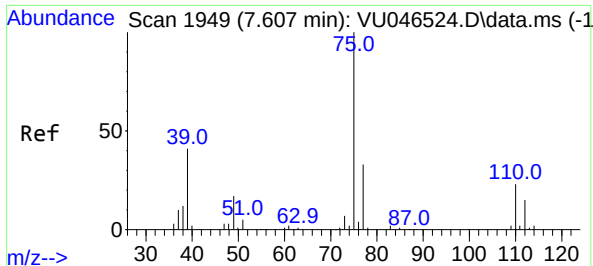
Tgt Ion: 63 Resp: 49689
Ion Ratio Lower Upper
63 100
112 4.4 3.2 4.8



#38
Bromodichloromethane
Concen: 7.384 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 83 Resp: 65565
Ion Ratio Lower Upper
83 100
85 64.6 44.0 81.8
127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 7.198 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU046524.D

Acq: 21 Dec 2021 13:05

Instrument :

MSVOA_U

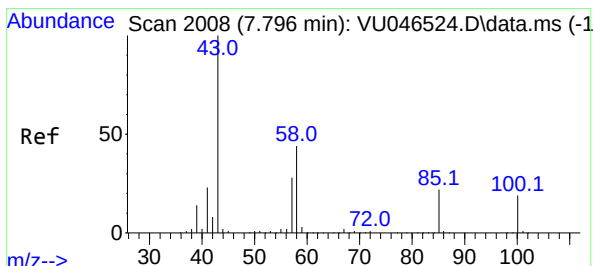
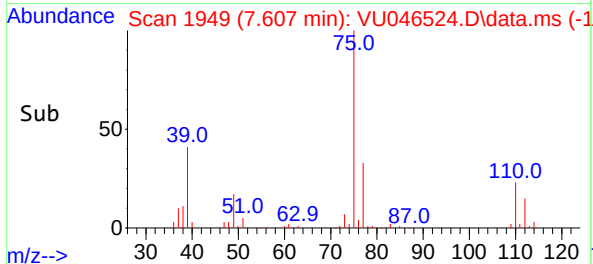
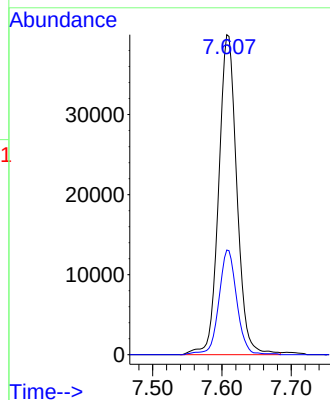
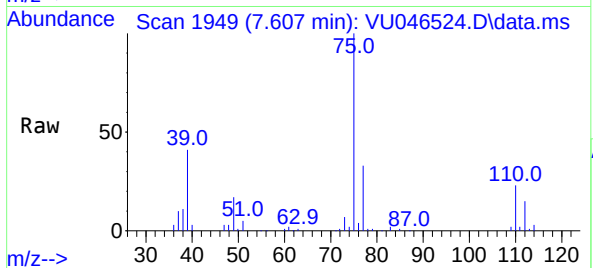
ClientSampleId :

Tgt Ion: 75 Resp: 73084

Ion Ratio Lower Upper

75 100

77 32.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 77.680 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046524.D

Acq: 21 Dec 2021 13:05

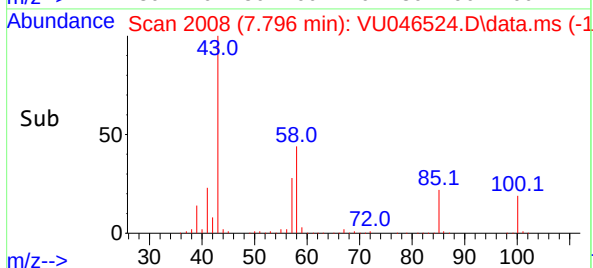
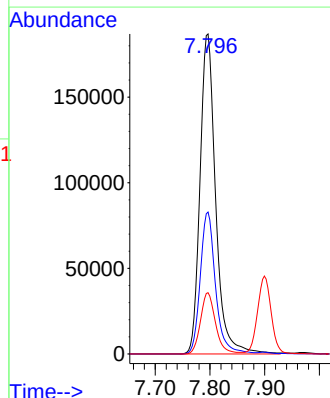
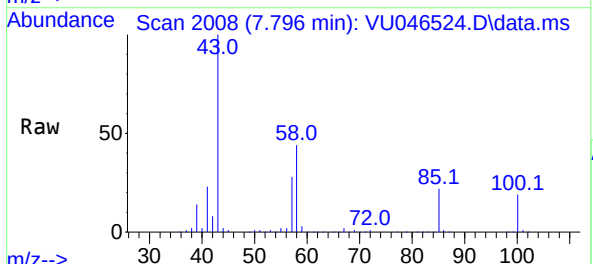
Tgt Ion: 43 Resp: 371028

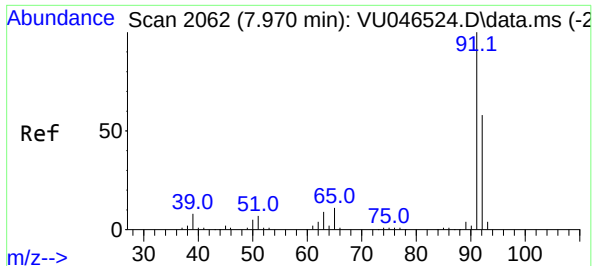
Ion Ratio Lower Upper

43 100

58 43.3 33.1 49.7

100 18.3 13.2 19.8

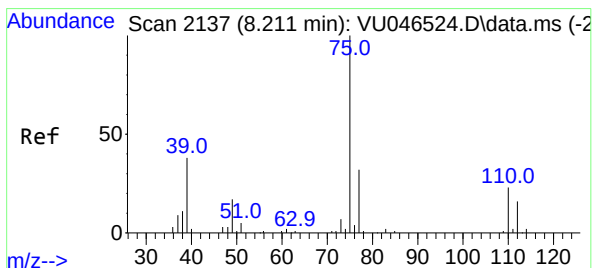
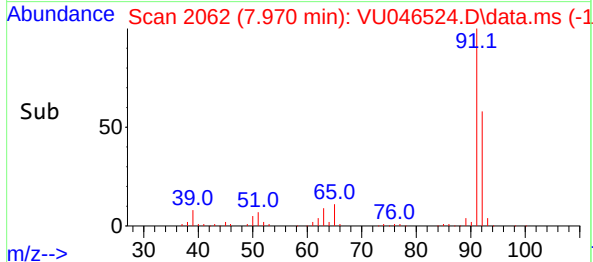
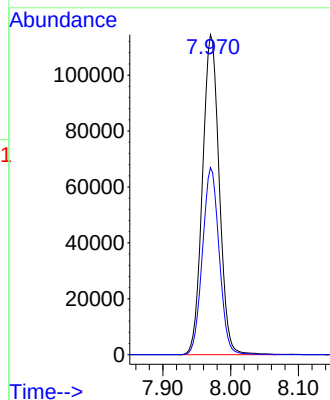
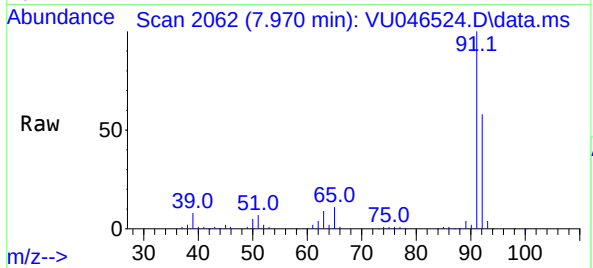




#42
Toluene
Concen: 7.119 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

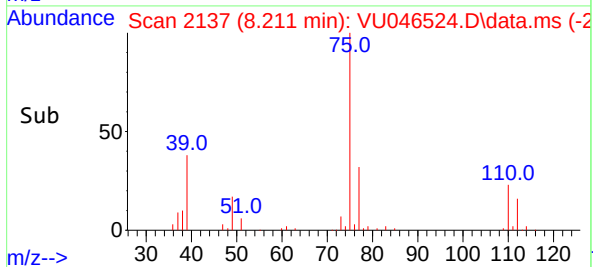
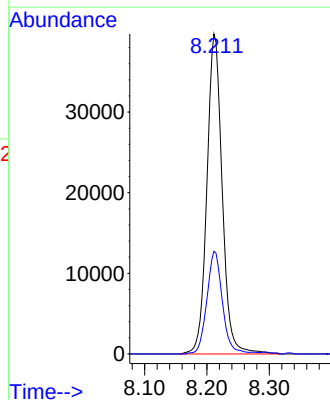
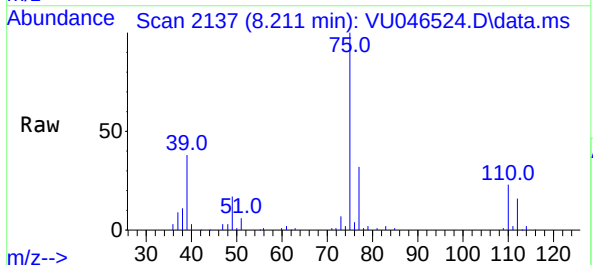
Instrument :
MSVOA_U
ClientSampleId :

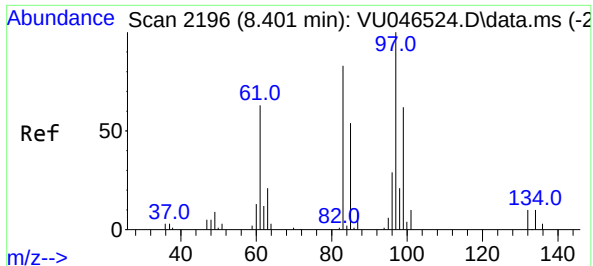
Tgt Ion: 91 Resp: 196238
Ion Ratio Lower Upper
91 100
92 58.5 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 7.552 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 75 Resp: 67703
Ion Ratio Lower Upper
75 100
77 32.1 22.7 42.3



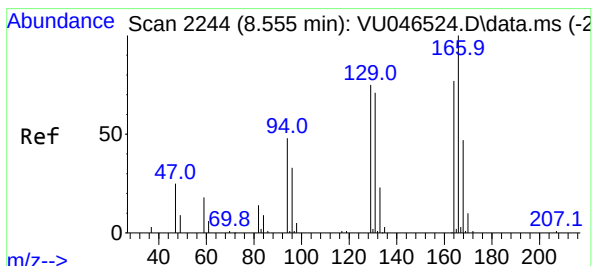
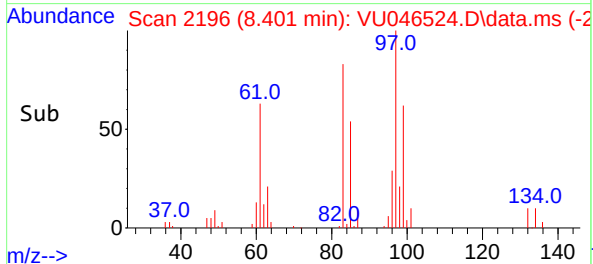
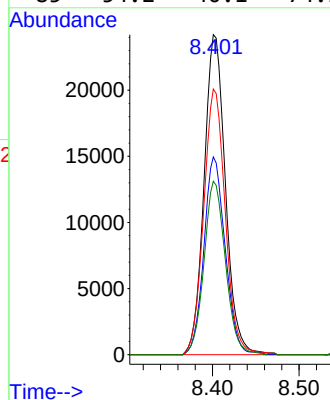
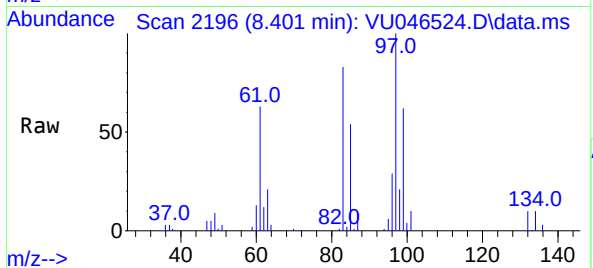


#45
1,1,2-Trichloroethane
Concen: 7.654 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 41556

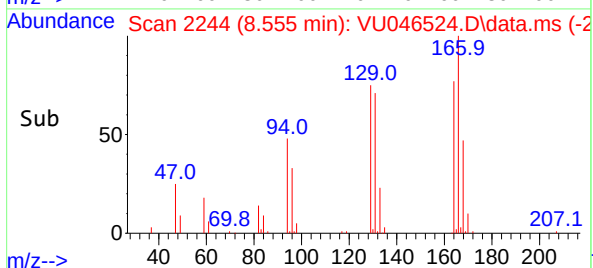
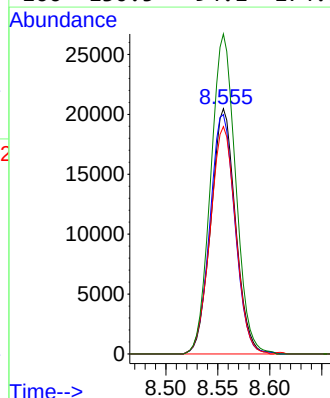
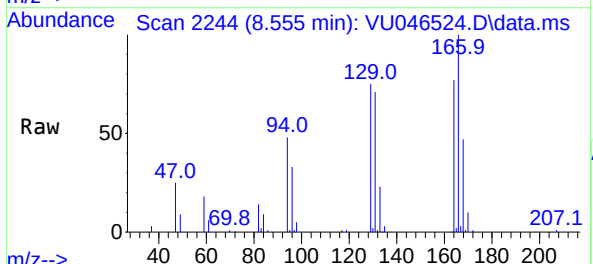
Ion	Ratio	Lower	Upper
97	100		
99	61.8	42.3	78.5
83	83.0	62.0	115.2
85	54.2	40.1	74.5

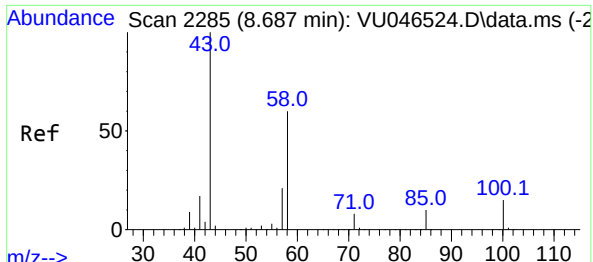


#47
Tetrachloroethene
Concen: 6.991 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 164 Resp: 33766

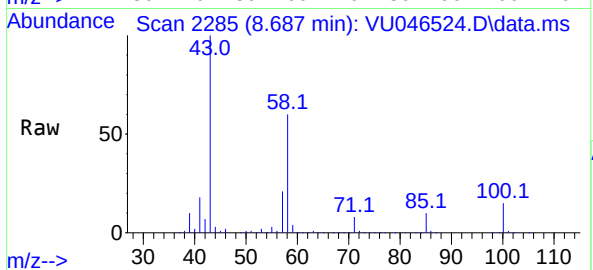
Ion	Ratio	Lower	Upper
164	100		
129	97.6	71.8	133.4
131	92.7	68.5	127.3
166	130.5	94.1	174.8



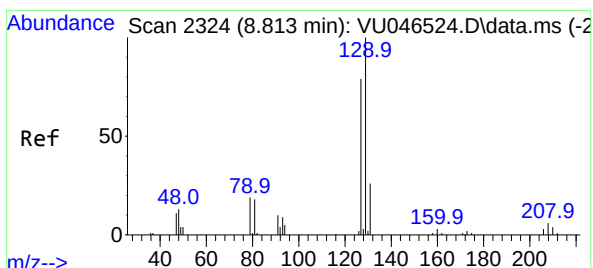
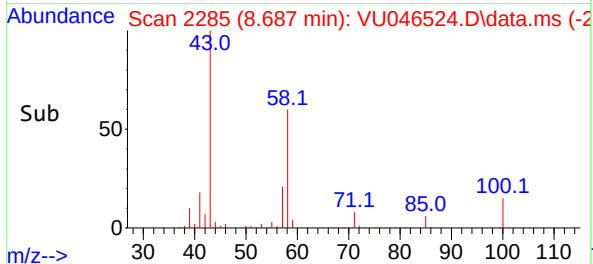
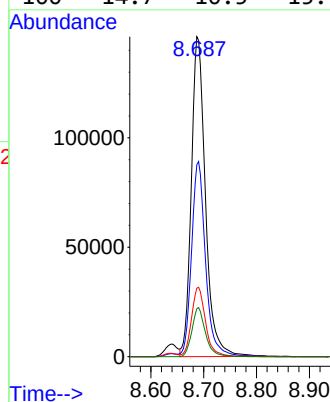


#48
2-Hexanone
Concen: 79.107 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Instrument :
MSVOA_U
ClientSampleId :

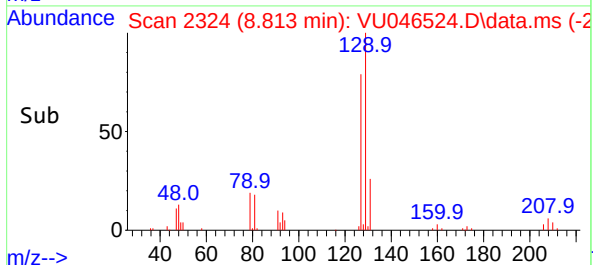
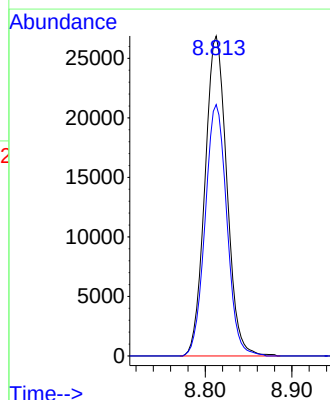
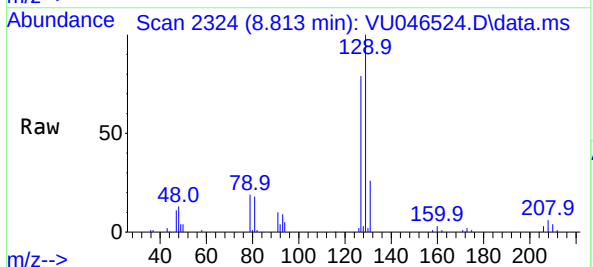


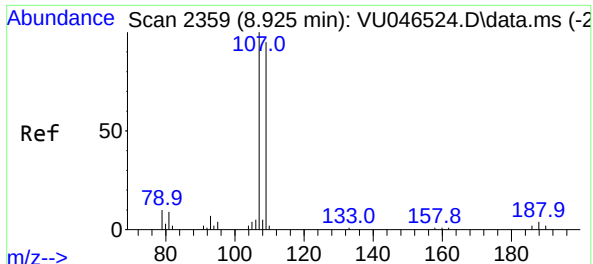
Tgt Ion: 43 Resp: 272061
Ion Ratio Lower Upper
43 100
58 60.7 46.7 70.1
57 21.3 16.3 24.5
100 14.7 10.5 15.7



#49
Dibromochloromethane
Concen: 7.629 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 129 Resp: 47119
Ion Ratio Lower Upper
129 100
127 78.6 55.4 102.8

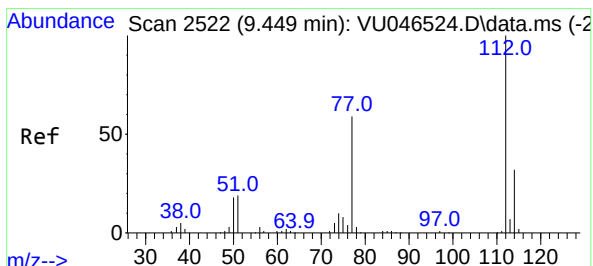
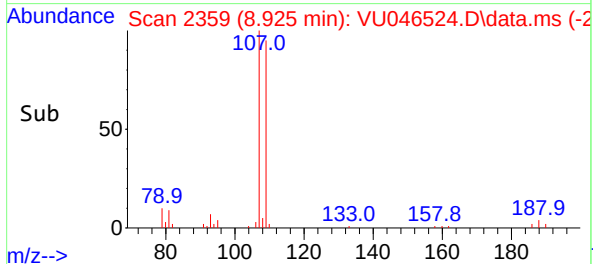
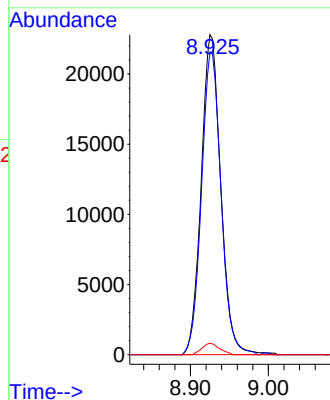
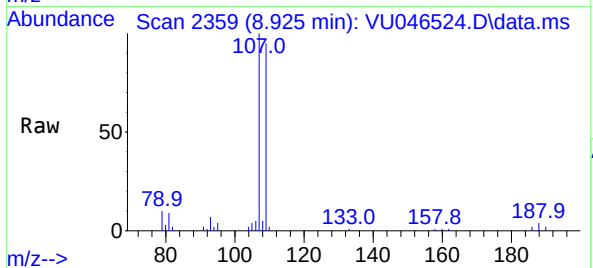




#50
1,2-Dibromoethane
Concen: 7.772 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

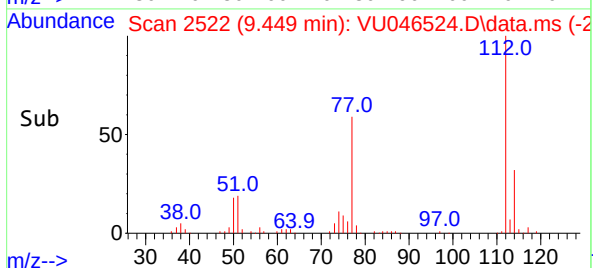
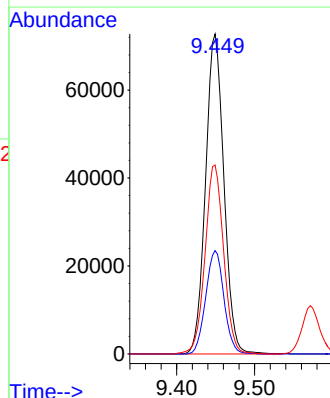
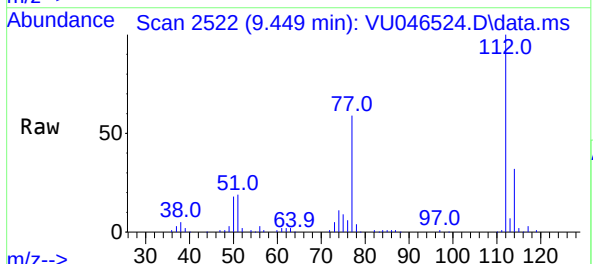
Instrument :
MSVOA_U
ClientSampleId :

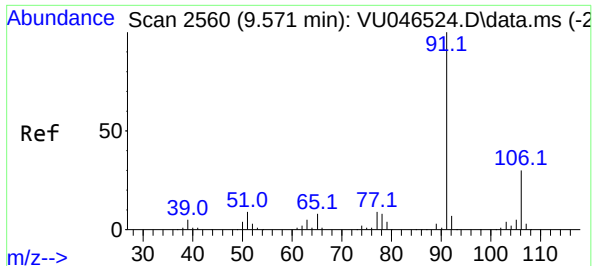
Tgt Ion:	107	Resp:	39763
Ion	Ratio	Lower	Upper
107	100		
109	94.7	64.0	119.0
188	3.6	2.4	3.6



#51
Chlorobenzene
Concen: 6.903 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion:	112	Resp:	119032
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.1	41.1
77	59.1	48.3	72.5

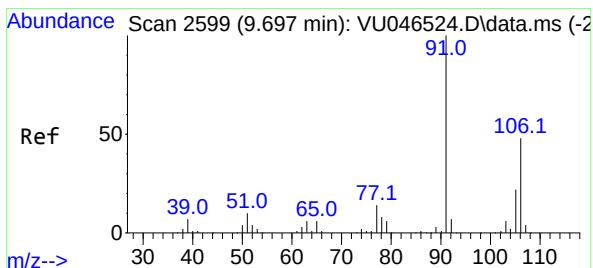
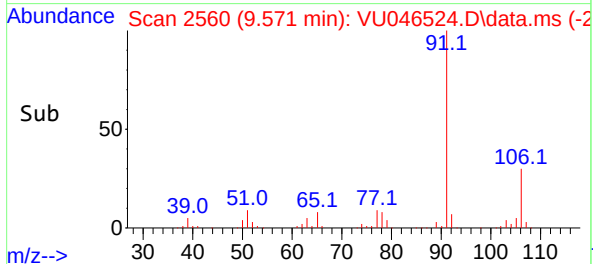
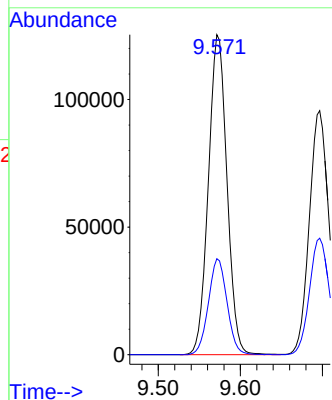
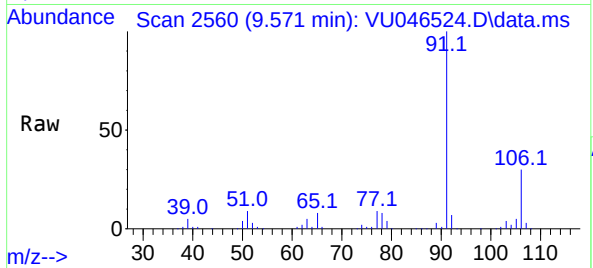




#52
Ethylbenzene
Concen: 6.886 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

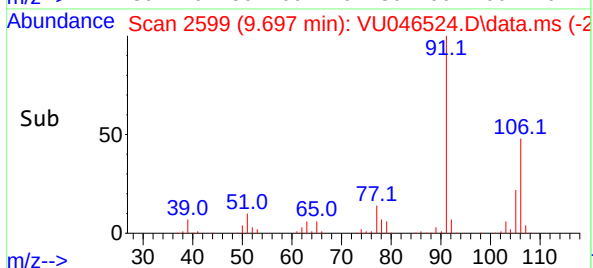
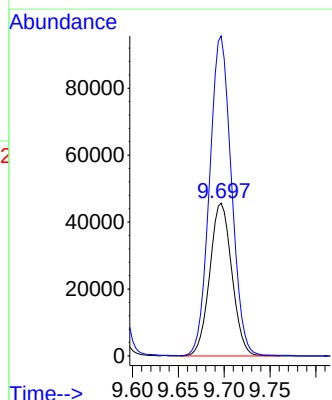
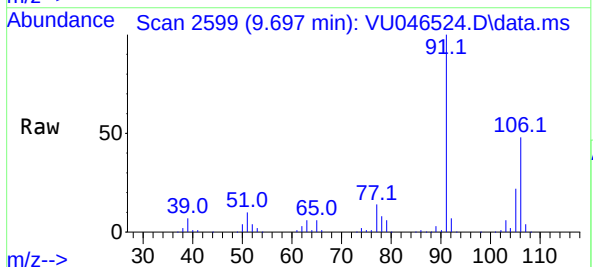
Instrument :
MSVOA_U
ClientSampleId :

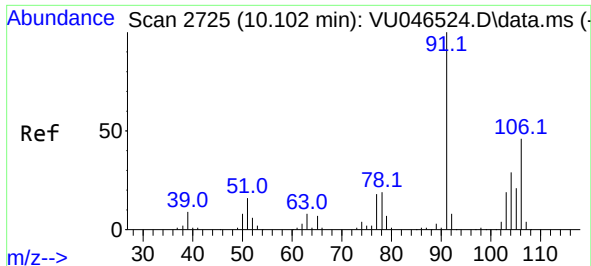
Tgt Ion: 91 Resp: 197632
Ion Ratio Lower Upper
91 100
106 30.0 21.5 39.9



#53
m,p-Xylene
Concen: 7.006 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 106 Resp: 76684
Ion Ratio Lower Upper
106 100
91 209.3 139.4 259.0

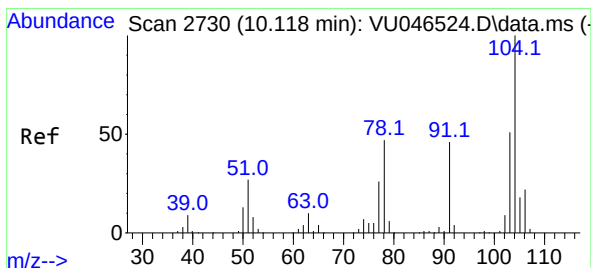
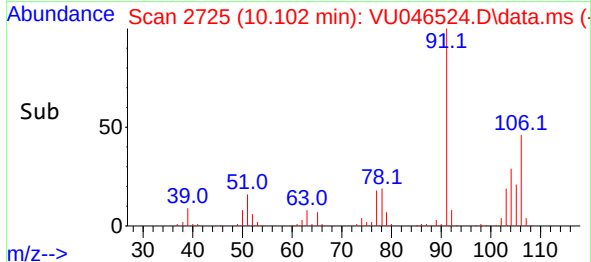
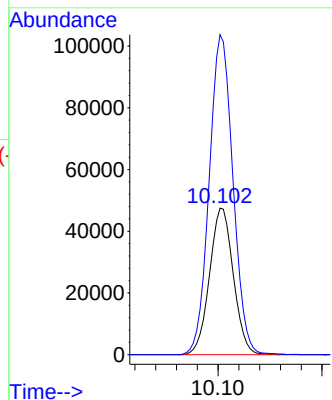
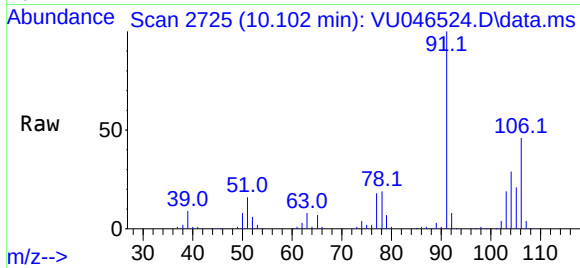




#54
o-Xylene
Concen: 7.090 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

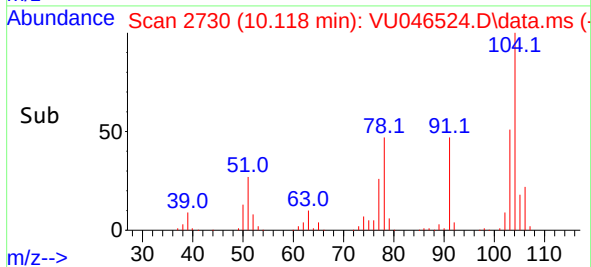
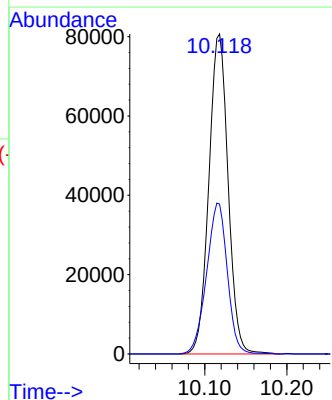
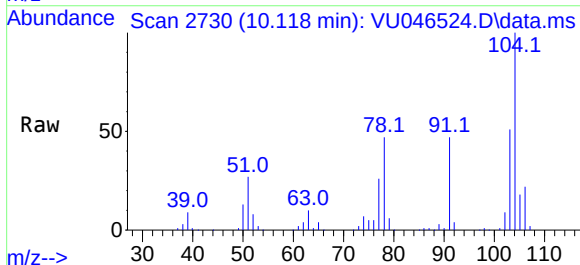
Instrument :
MSVOA_U
ClientSampleId :

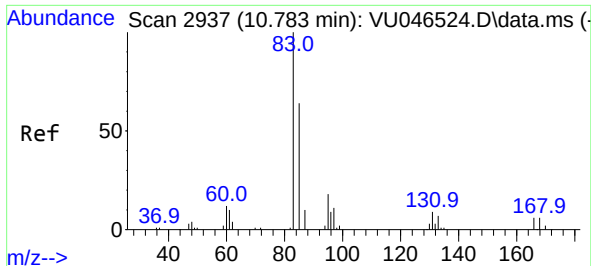
Tgt Ion:106 Resp: 75435
Ion Ratio Lower Upper
106 100
91 218.2 147.5 273.9



#55
Styrene
Concen: 7.318 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion:104 Resp: 131565
Ion Ratio Lower Upper
104 100
78 46.9 33.0 61.4

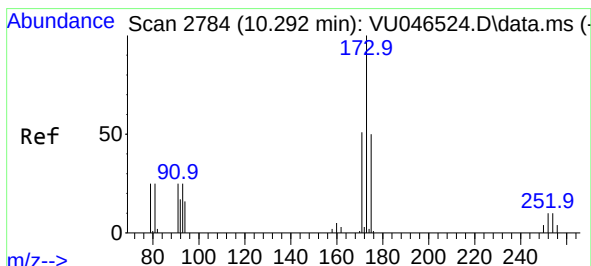
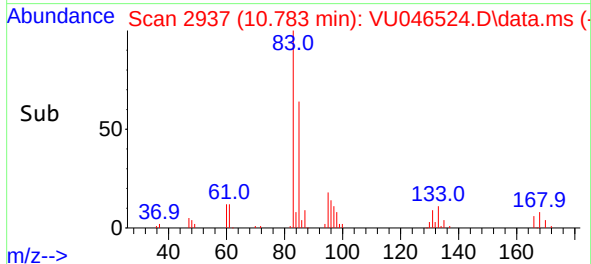
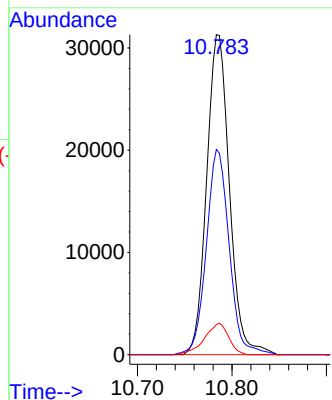
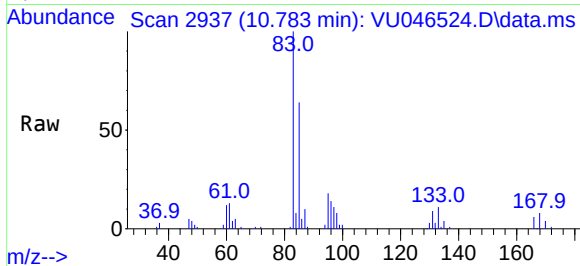




#57
1,1,2,2-Tetrachloroethane
Concen: 7.567 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

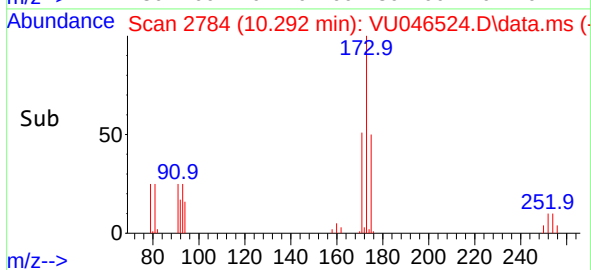
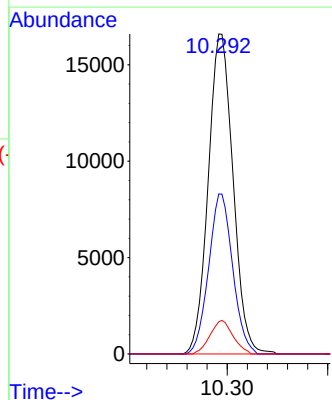
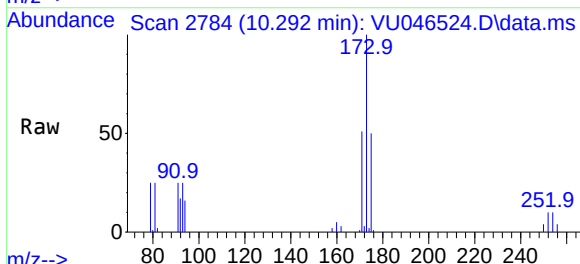
Instrument :
MSVOA_U
ClientSampleId :

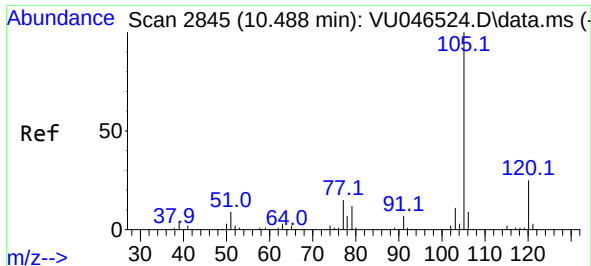
Tgt Ion: 83 Resp: 52403
Ion Ratio Lower Upper
83 100
85 64.2 47.9 89.1
131 9.4 8.1 12.1



#59
Bromoform
Concen: 8.257 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

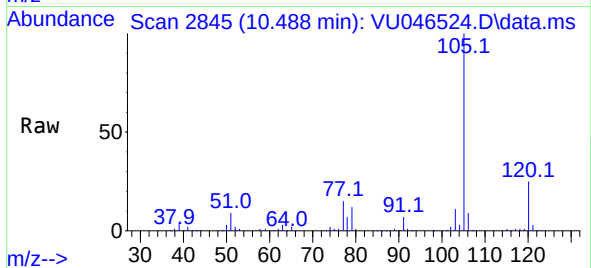
Tgt Ion:173 Resp: 28408
Ion Ratio Lower Upper
173 100
175 48.4 37.8 56.6
254 9.7 7.3 10.9



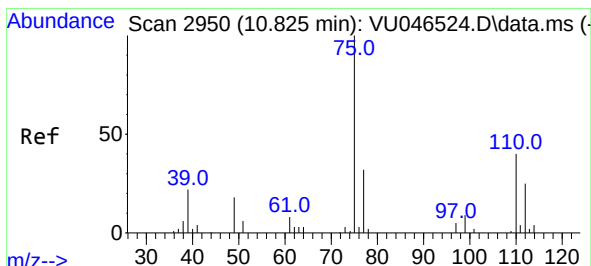
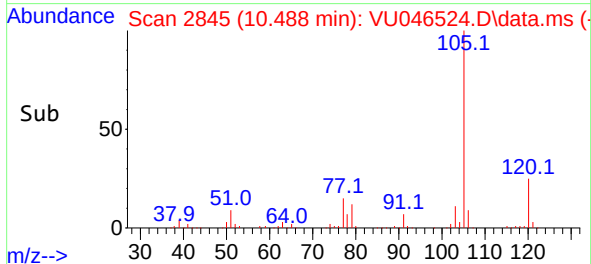
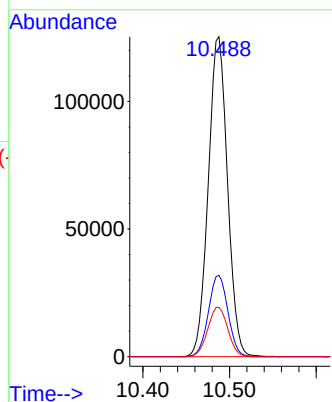


#60
Isopropylbenzene
Concen: 6.906 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Instrument :
MSVOA_U
ClientSampleId :

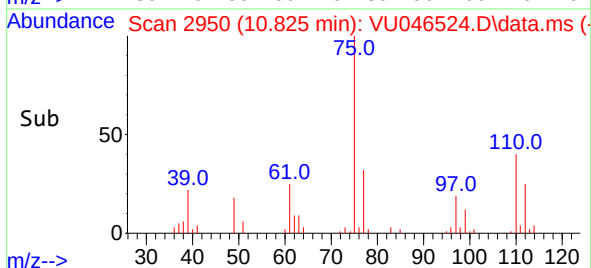
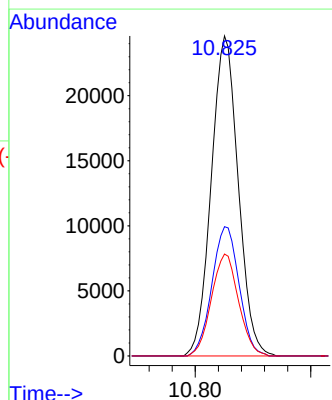
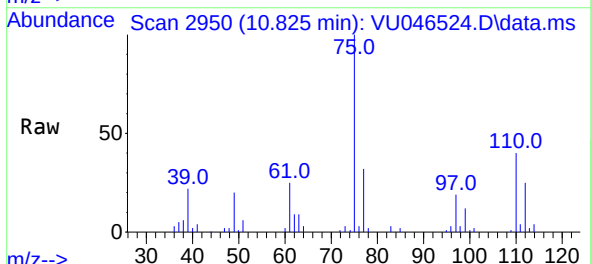


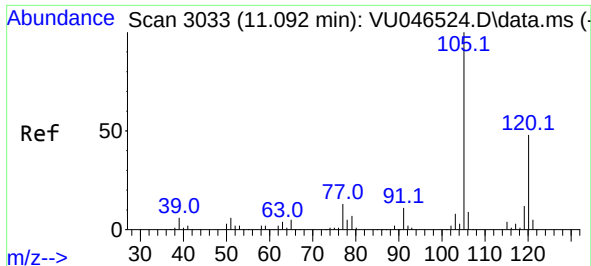
Tgt Ion:105 Resp: 193308
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 7.621 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion: 75 Resp: 39807
Ion Ratio Lower Upper
75 100
110 40.7 29.9 44.9
77 32.2 25.5 38.3

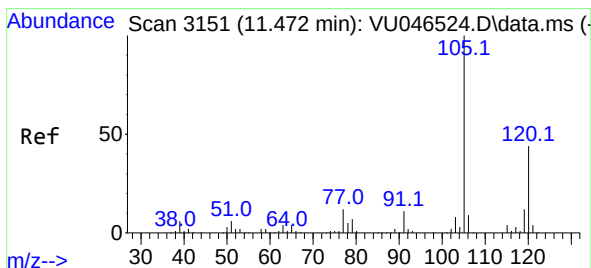
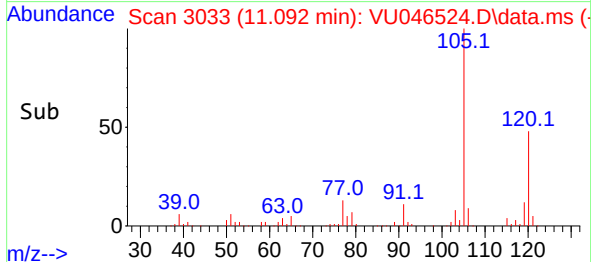
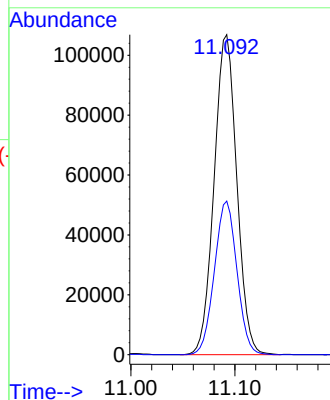
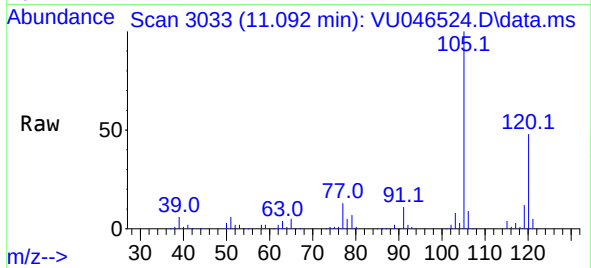




#62
1,3,5-Trimethylbenzene
Concen: 7.031 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

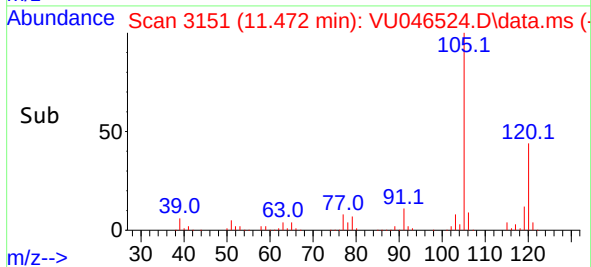
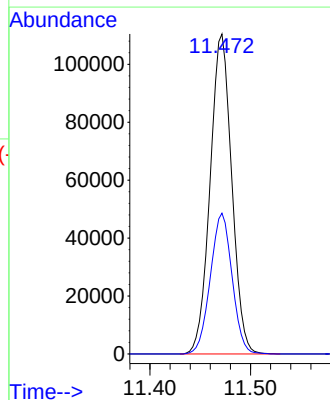
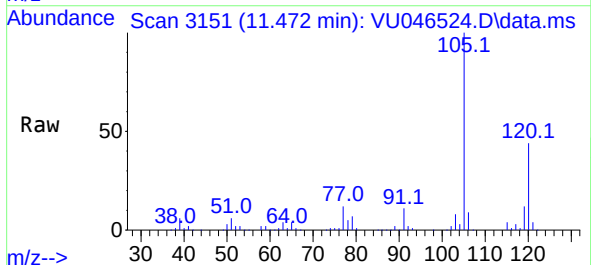
Instrument :
MSVOA_U
ClientSampleId :

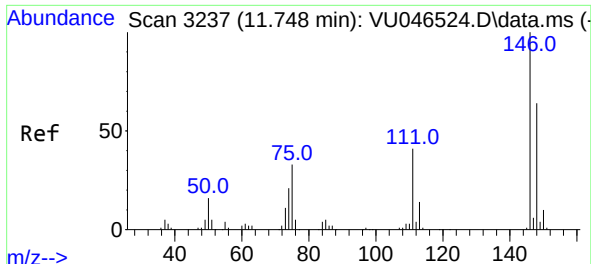
Tgt Ion:105 Resp: 162183
Ion Ratio Lower Upper
105 100
120 47.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 7.131 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion:105 Resp: 164997
Ion Ratio Lower Upper
105 100
120 44.2 35.8 53.8

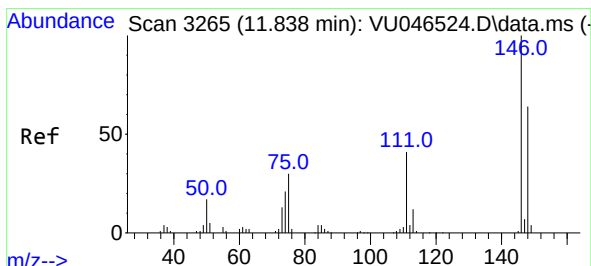
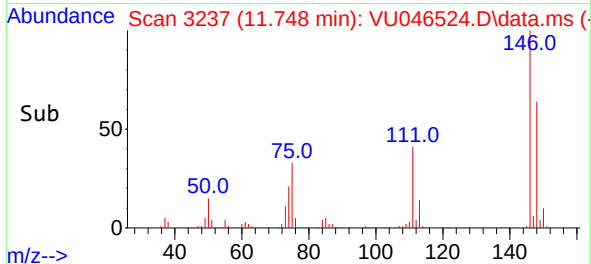
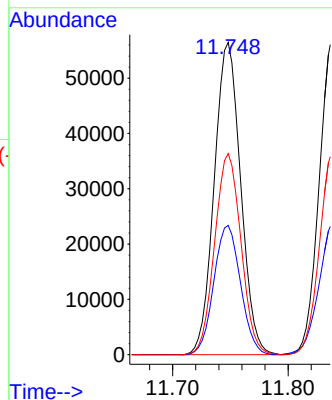
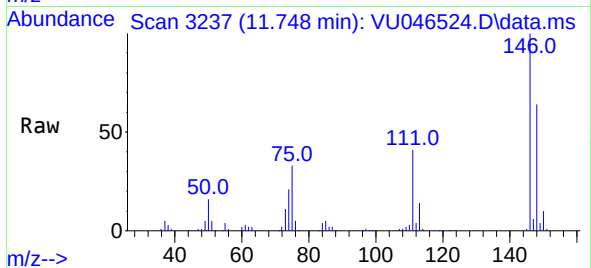




#64
1,3-Dichlorobenzene
Concen: 6.841 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

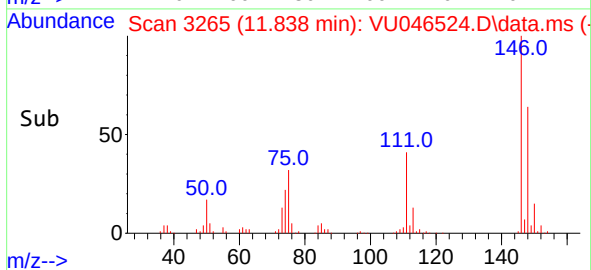
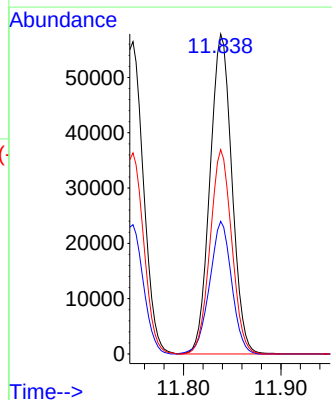
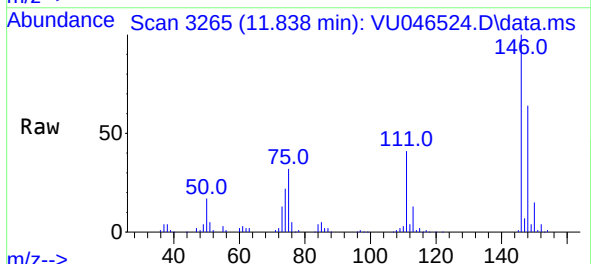
Instrument :
MSVOA_U
ClientSampleId :

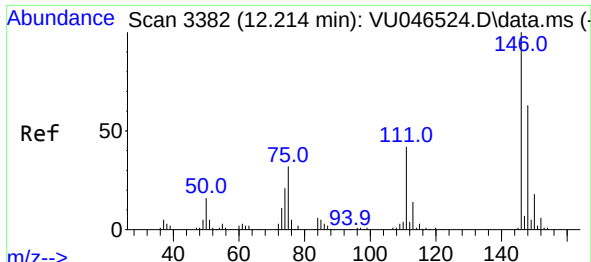
Tgt Ion:146 Resp: 89782
Ion Ratio Lower Upper
146 100
111 41.4 29.9 55.5
148 64.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 6.784 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion:146 Resp: 90443
Ion Ratio Lower Upper
146 100
111 41.4 28.7 53.3
148 63.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 7.037 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU046524.D

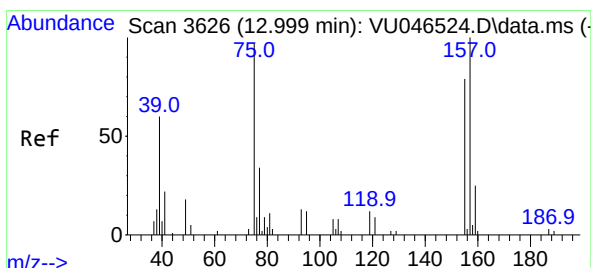
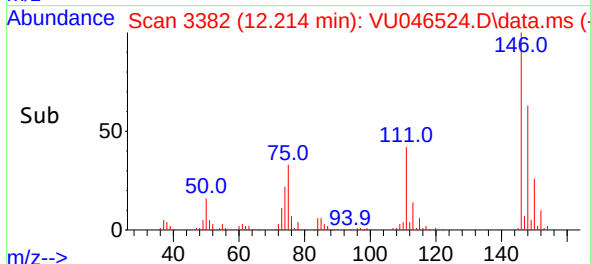
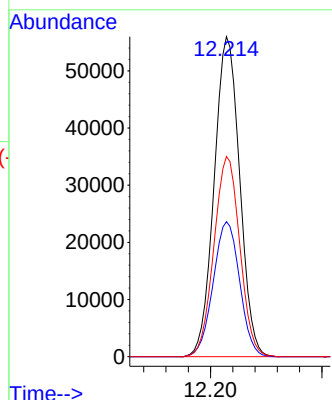
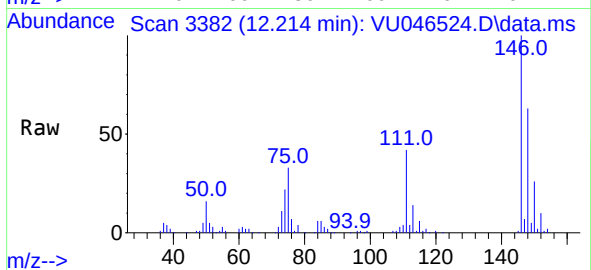
Acq: 21 Dec 2021 13:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	89110
Ion	Ratio	Lower Upper
146	100	
111	42.2	35.4 53.0
148	62.5	51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 8.248 ug/L

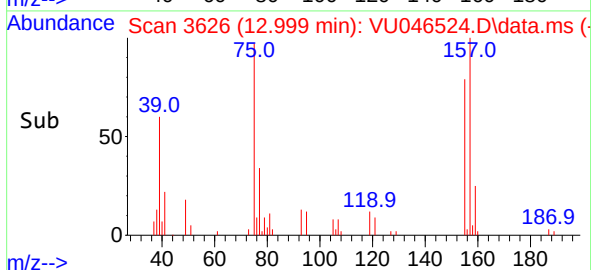
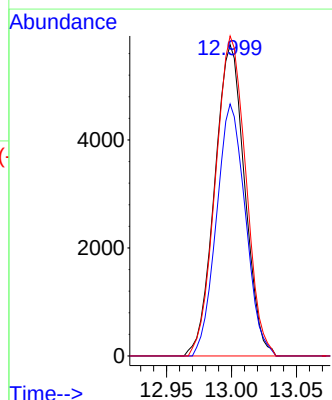
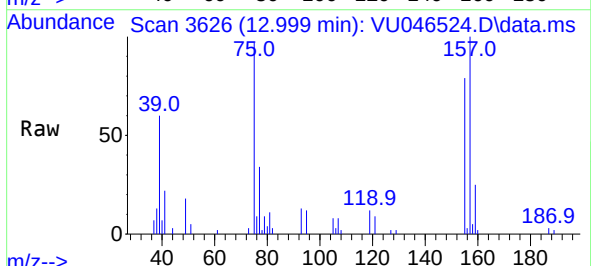
RT: 12.999 min Scan# 3626

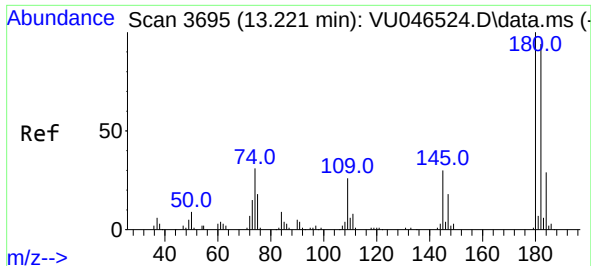
Delta R.T. 0.000 min

Lab File: VU046524.D

Acq: 21 Dec 2021 13:05

Tgt Ion: 75	Resp:	9246
Ion	Ratio	Lower Upper
75	100	
155	81.0	59.2 88.8
157	102.8	76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 6.800 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU046524.D

Acq: 21 Dec 2021 13:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 67062

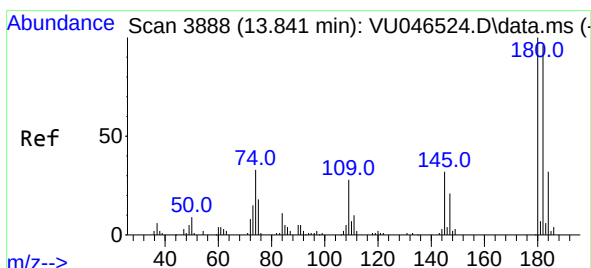
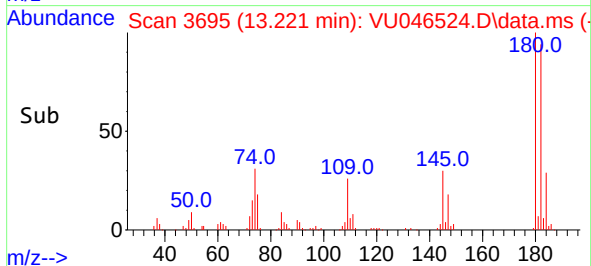
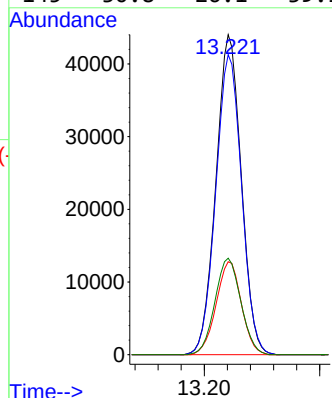
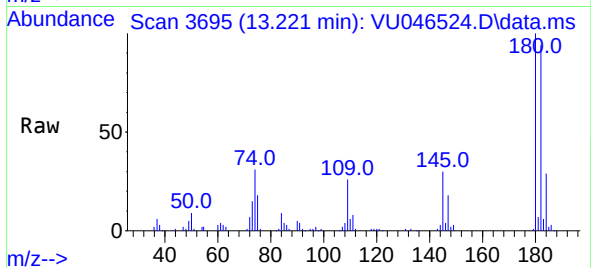
Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

184 29.0 25.0 37.4

145 30.8 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 6.771 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046524.D

Acq: 21 Dec 2021 13:05

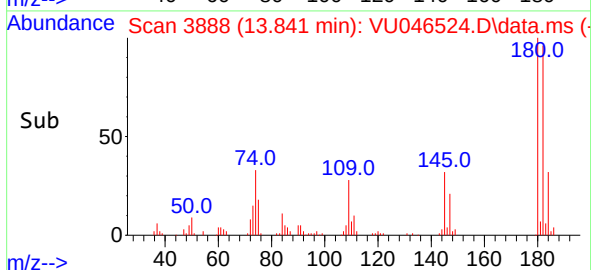
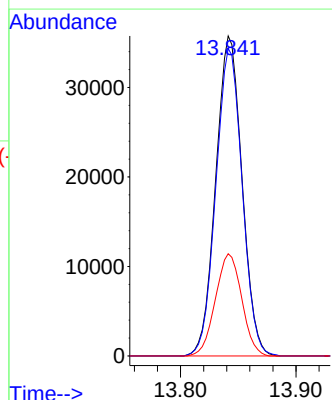
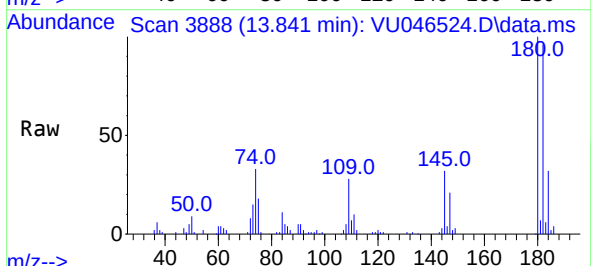
Tgt Ion:180 Resp: 56450

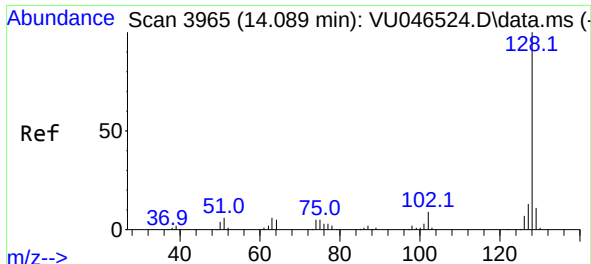
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

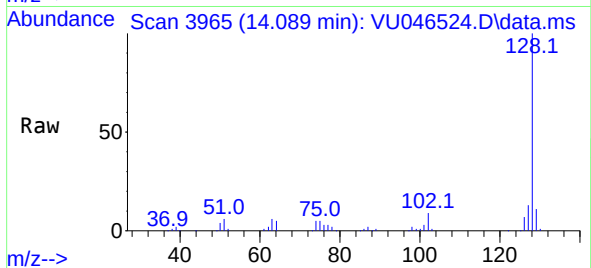
145 32.0 25.6 38.4



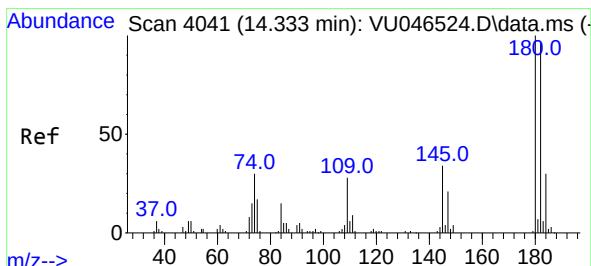
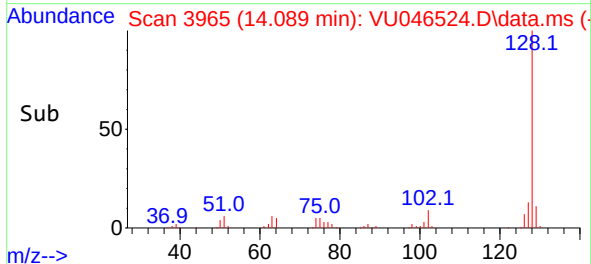
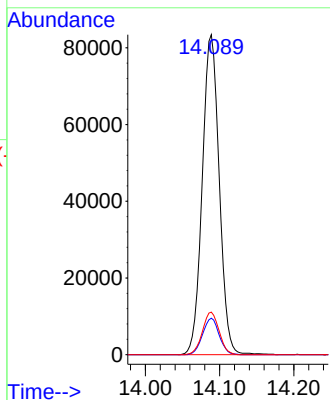


#71
Naphthalene
Concen: 7.449 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 132387
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 6.836 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU046524.D
Acq: 21 Dec 2021 13:05

Tgt Ion:180 Resp: 56978
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.4
145 34.4 28.4 42.6

