

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047074.D
 Acq On : 10 Feb 2022 15:01
 Operator : SY/MD
 Sample : VSTD01044
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 10 15:50:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 15:49:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	532481	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	495720	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	254788	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48273	10.27	ug/L	0.00
7) Chloroethane-d5	1.919	69	35547	10.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	80917	10.21	ug/L	0.00
21) 2-Butanone-d5	4.626	46	73447	21.03	ug/L	0.00
24) Chloroform-d	5.070	84	80034	9.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	50598	9.74	ug/L	0.00
32) Benzene-d6	5.732	84	165982	10.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	53382	10.98	ug/L	0.00
41) Toluene-d8	7.899	98	158755	11.24	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	27945	11.78	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	57985	22.50	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	75245	10.14	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	62141	11.45	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	51053	10.51	ug/L	100
3) Chloromethane	1.527	50	50223	11.35	ug/L	99
5) Vinyl chloride	1.607	62	50405	11.09	ug/L	100
6) Bromomethane	1.864	94	28024	9.81	ug/L	87
8) Chloroethane	1.938	64	29193	10.62	ug/L	99
9) Trichlorofluoromethane	2.144	101	59399	9.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36398	9.91	ug/L	95
12) 1,1-Dichloroethene	2.588	96	34868	10.00	ug/L	99
13) Acetone	2.633	43	60335	19.35	ug/L	96
14) Carbon disulfide	2.800	76	110019	10.49	ug/L	98
15) Methyl Acetate	2.954	43	46241	11.12	ug/L	96
16) Methylene chloride	3.054	84	38965	9.15	ug/L	96
17) trans-1,2-Dichloroethene	3.359	96	36594	10.04	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	126141	11.44	ug/L	96
19) 1,1-Dichloroethane	3.877	63	69571	10.42	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	40905	10.44	ug/L #	97
22) 2-Butanone	4.707	43	76847	21.03	ug/L	97
23) Bromochloromethane	4.980	128	21983	10.53	ug/L	98
25) Chloroform	5.092	83	68116	9.51	ug/L	99
27) 1,2-Dichloroethane	5.797	62	53879	9.78	ug/L	96
29) Cyclohexane	5.391	56	65511	12.23	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	61070	10.26	ug/L	99
31) Carbon tetrachloride	5.530	117	53108	10.27	ug/L	99
33) Benzene	5.777	78	158405	10.82	ug/L	100
34) Trichloroethene	6.546	95	41071	10.65	ug/L	99
35) Methylcyclohexane	6.768	83	67011	11.14	ug/L	94
37) 1,2-Dichloropropane	6.793	63	42236	11.18	ug/L	99
38) Bromodichloromethane	7.108	83	53794	10.48	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	69633	11.83	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	134496	25.29	ug/L	93
42) Toluene	7.973	91	174475	11.28	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	65200	11.42	ug/L	99

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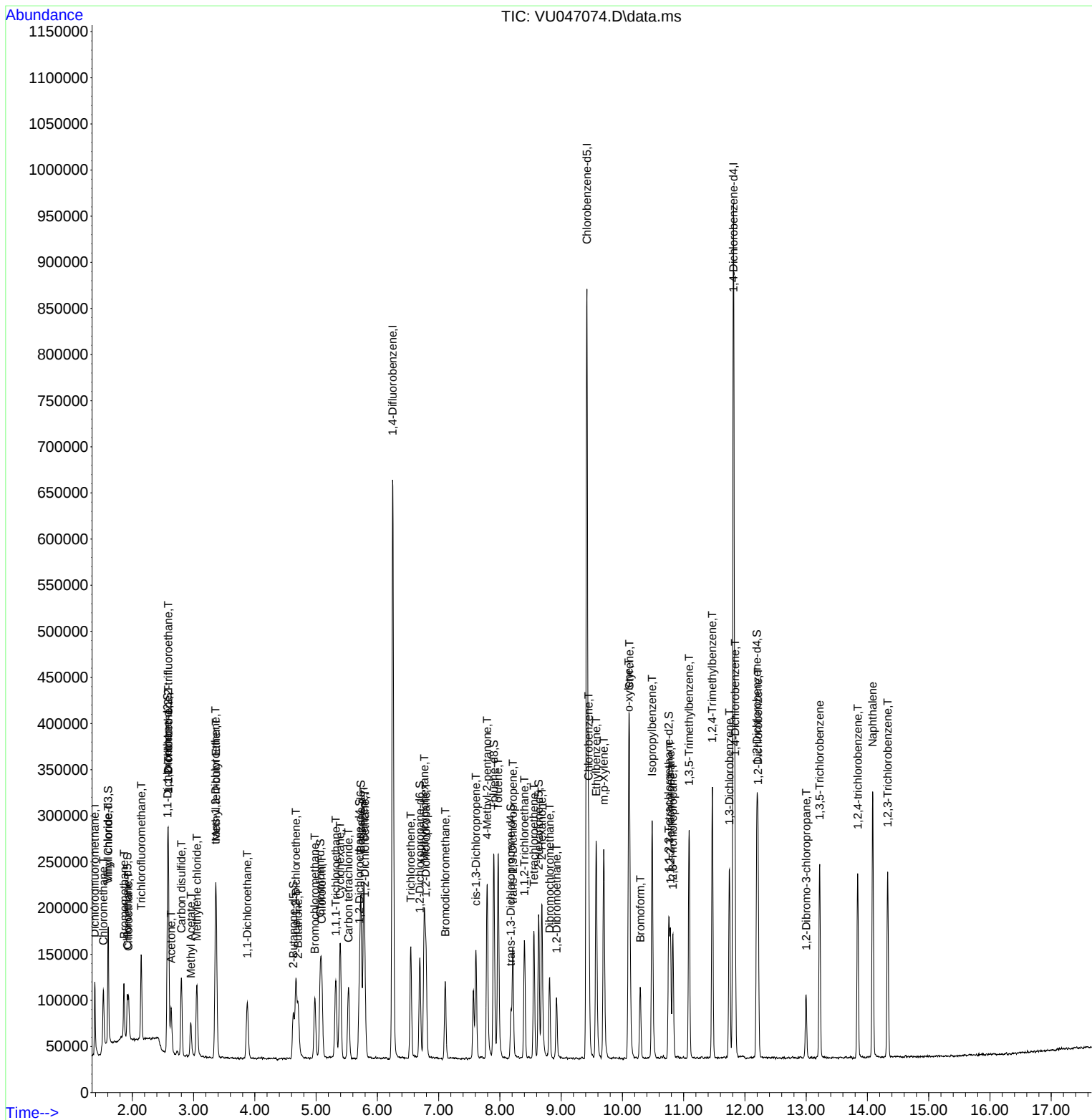
Instrument :
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 ClientSampleId :

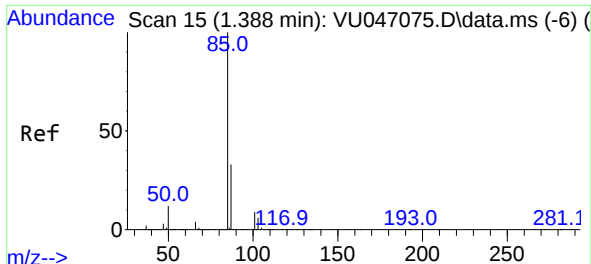
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	40668	10.67	ug/L	99
46) Tetrachloroethene	8.555	164	33512	11.35	ug/L	97
48) 2-Hexanone	8.684	43	110375	24.72	ug/L	95
49) Dibromochloromethane	8.812	129	45629	10.76	ug/L	98
50) 1,2-Dibromoethane	8.925	107	44029	10.99	ug/L	99
51) Chlorobenzene	9.449	112	111599	11.04	ug/L	99
52) Ethylbenzene	9.571	91	189231	11.44	ug/L	100
53) m,p-Xylene	9.697	106	76008	11.86	ug/L	96
54) o-xylene	10.102	106	74280	12.09	ug/L	96
55) Styrene	10.115	104	126888	11.85	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	68928	10.32	ug/L	98
59) Bromoform	10.291	173	35866	11.42	ug/L	96
60) 1,2,3-Trichloropropane	10.825	75	57575	10.84	ug/L	96
61) Isopropylbenzene	10.484	105	189375	12.14	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	133234	10.58	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	160640	12.30	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	86836	11.14	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	88061	10.89	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	86363	11.05	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	18310	11.46	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	66934	11.16	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	63158	12.15	ug/L	99
71) Naphthalene	14.086	128	226920	13.34	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	62855	12.04	ug/L	99

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

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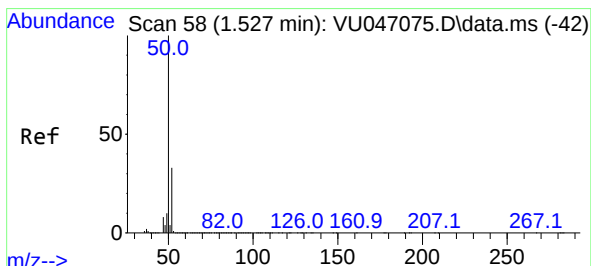
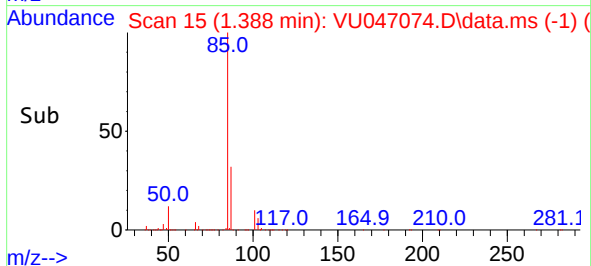
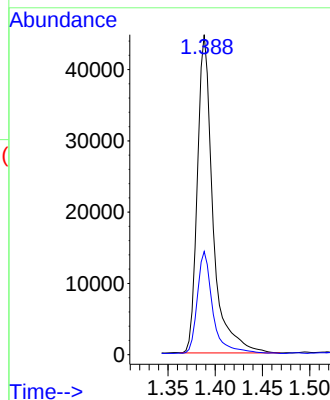
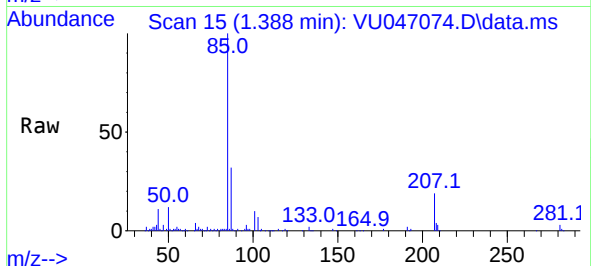




#2
Dichlorodifluoromethane
Concen: 10.51 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

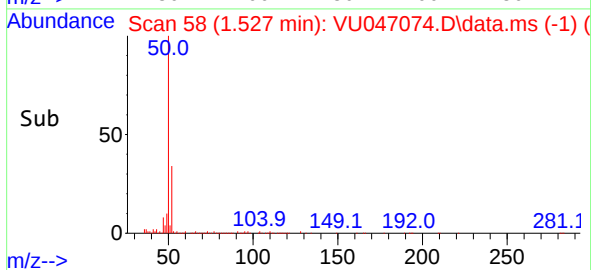
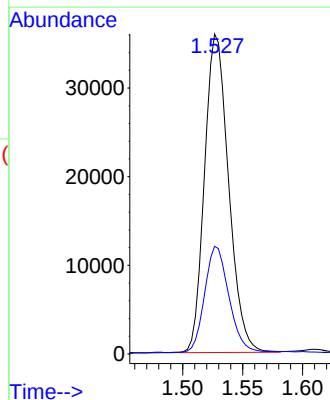
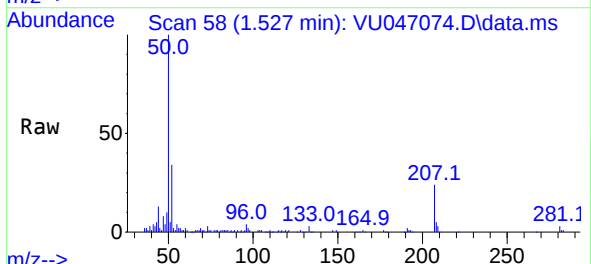
Instrument :
MSVOA_U
ClientSampleId :

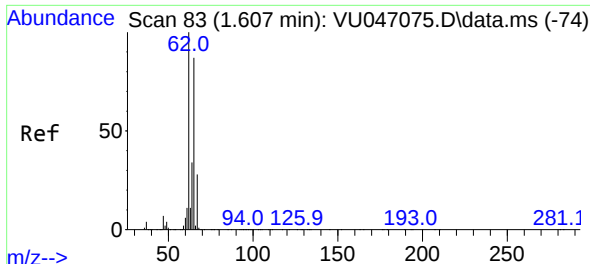
Tgt Ion: 85 Resp: 51053
Ion Ratio Lower Upper
85 100
87 31.9 25.6 38.4



#3
Chloromethane
Concen: 11.35 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 50 Resp: 50223
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2

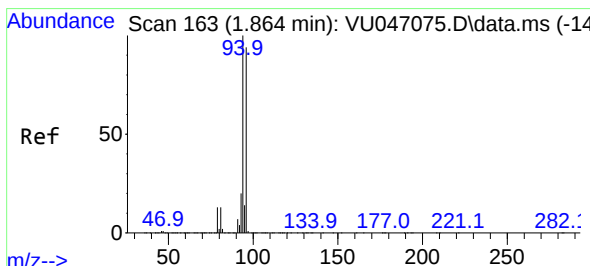
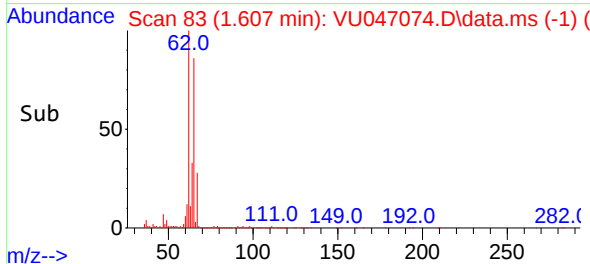
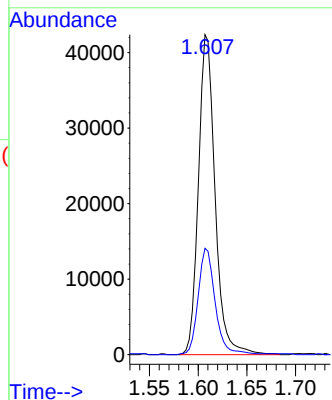
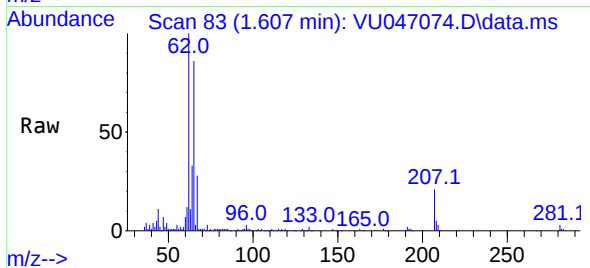




#5
 Vinyl chloride
 Concen: 11.09 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047074.D
 Acq: 10 Feb 2022 15:01

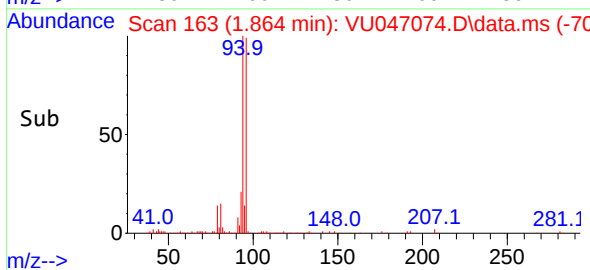
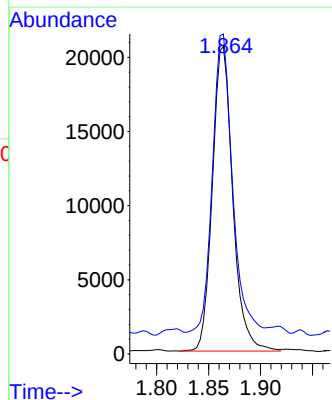
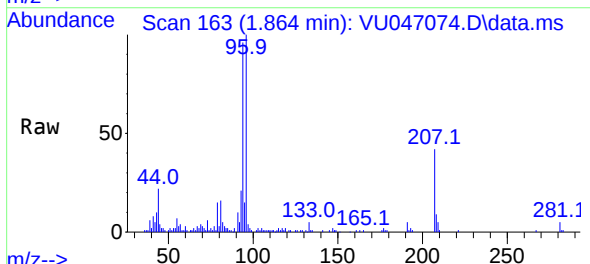
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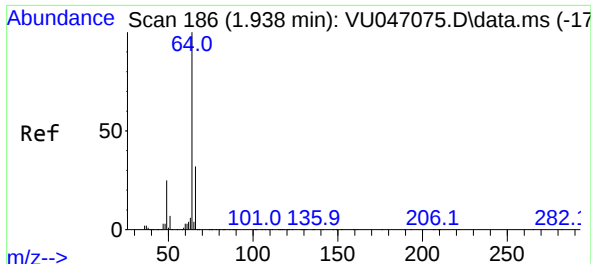
Tgt Ion: 62 Resp: 50405
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 9.81 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047074.D
 Acq: 10 Feb 2022 15:01

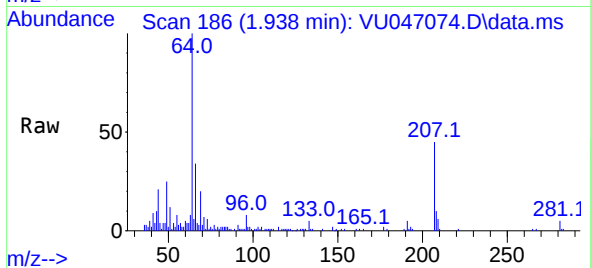
Tgt Ion: 94 Resp: 28024
 Ion Ratio Lower Upper
 94 100
 96 104.1 64.4 119.6



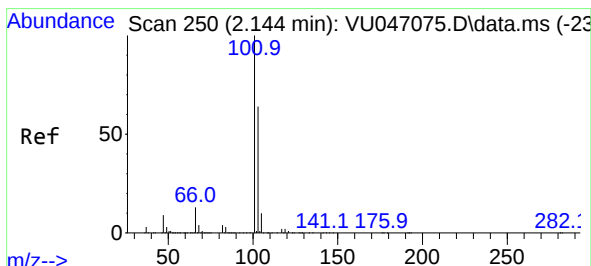
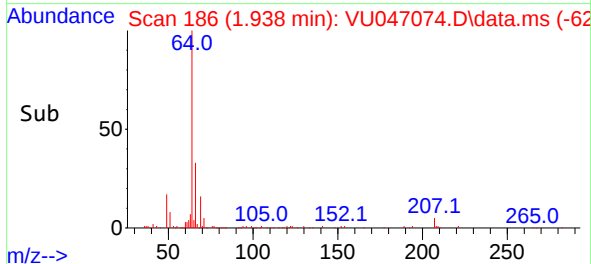
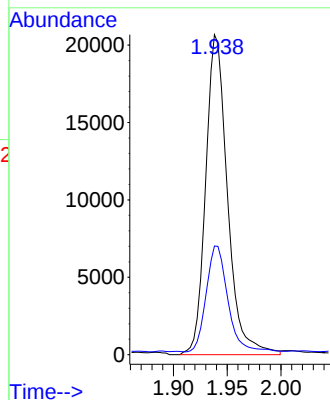


#8
Chloroethane
Concen: 10.62 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :

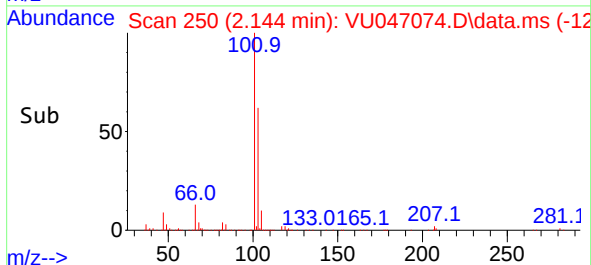
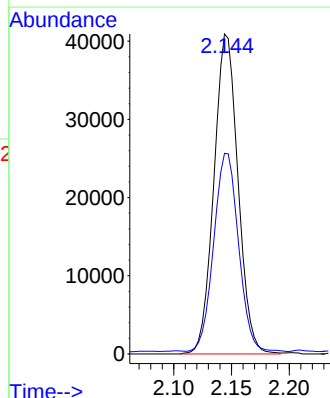
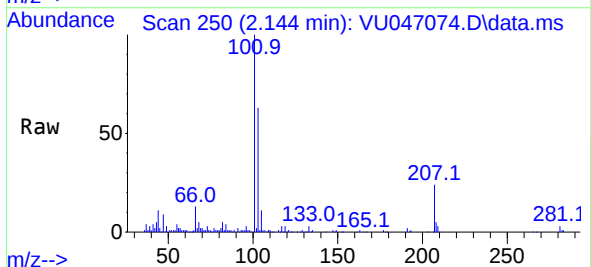


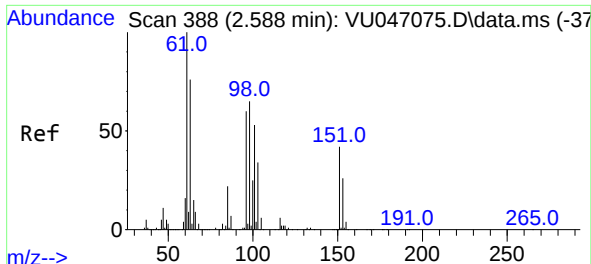
Tgt Ion: 64 Resp: 29193
Ion Ratio Lower Upper
64 100
66 33.9 24.4 45.2



#9
Trichlorofluoromethane
Concen: 9.21 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 101 Resp: 59399
Ion Ratio Lower Upper
101 100
103 63.8 52.0 78.0

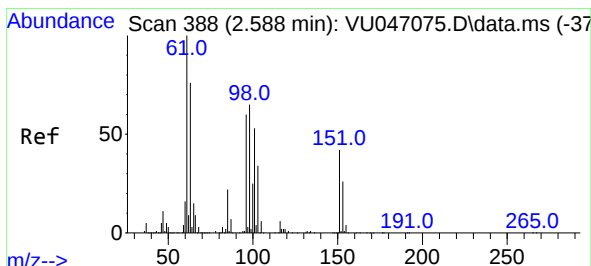
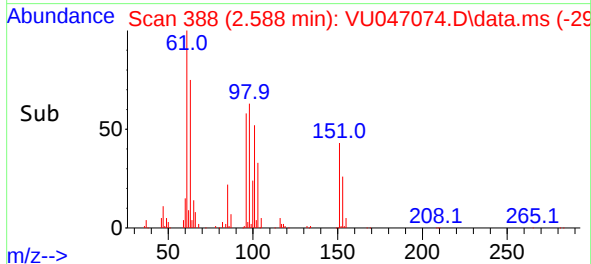
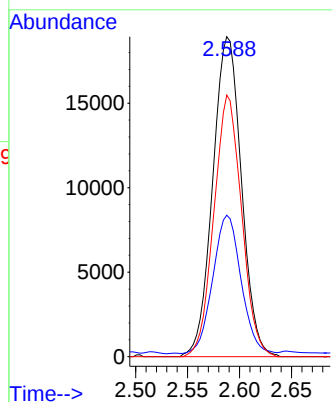
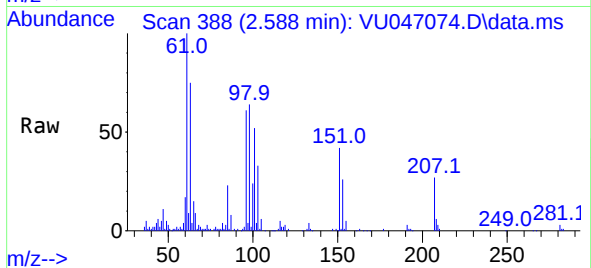




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.91 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

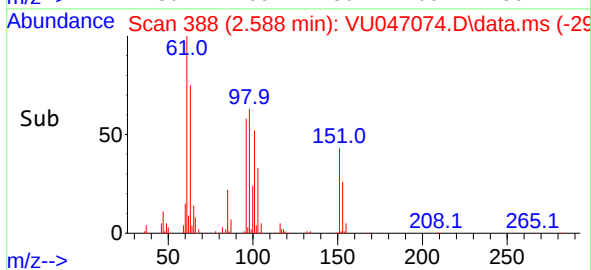
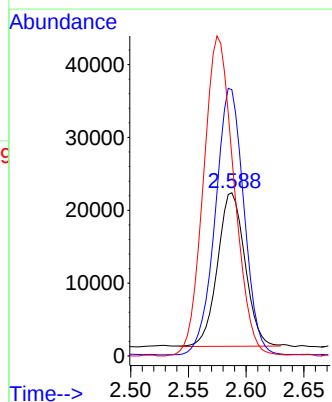
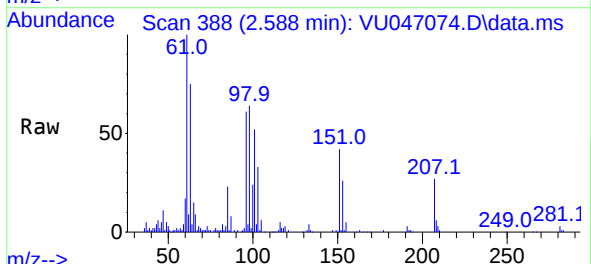
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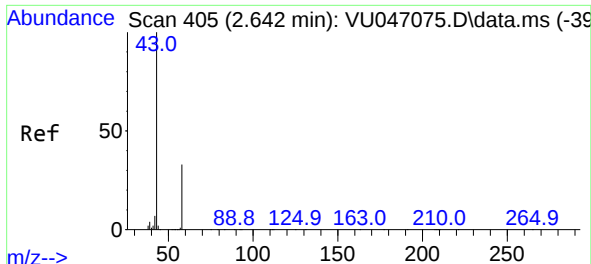
Tgt Ion:101 Resp: 36398
Ion Ratio Lower Upper
101 100
85 42.4 34.9 52.3
151 78.9 58.3 87.5



#12
1,1-Dichloroethene
Concen: 10.00 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 96 Resp: 34868
Ion Ratio Lower Upper
96 100
61 163.2 114.9 213.3
63 122.1 86.0 159.8

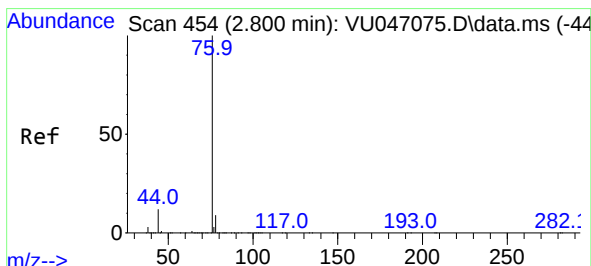
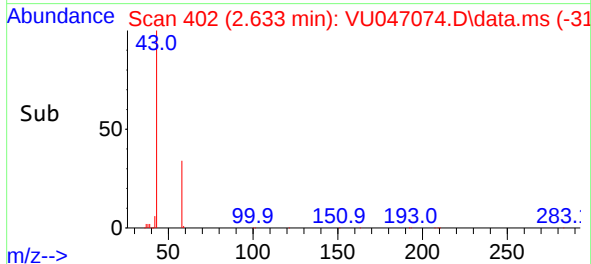
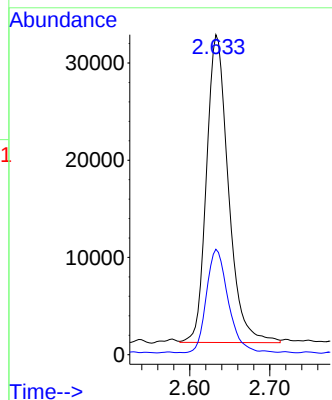
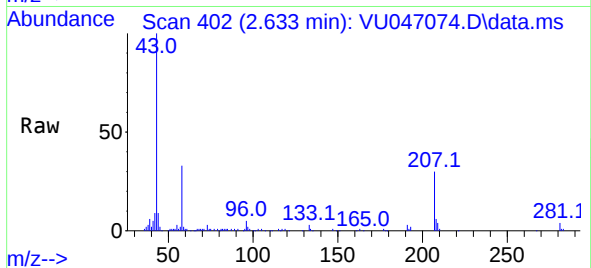




#13
Acetone
Concen: 19.35 ug/L
RT: 2.633 min Scan# 405
Delta R.T. -0.010 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

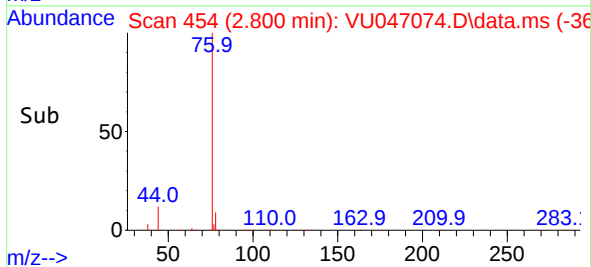
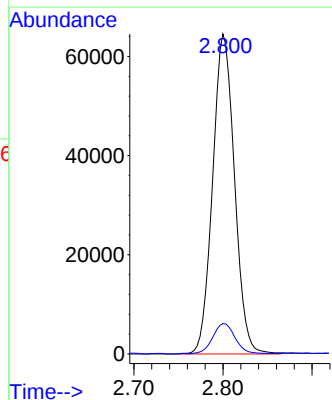
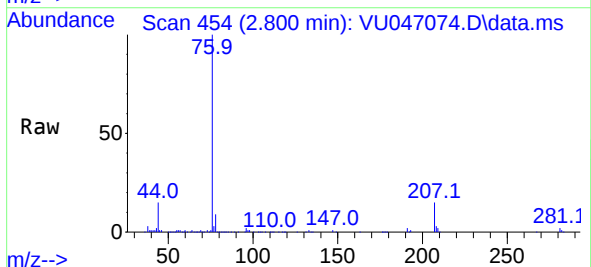
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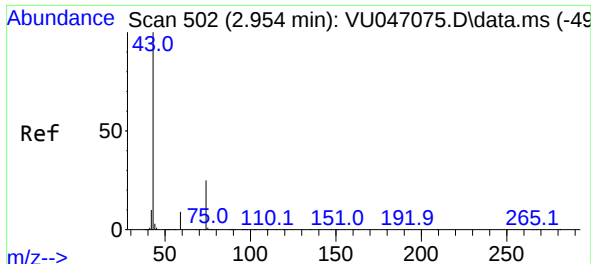
Tgt Ion: 43 Resp: 60335
Ion Ratio Lower Upper
43 100
58 33.2 0.0 71.0



#14
Carbon disulfide
Concen: 10.49 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 76 Resp: 110019
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

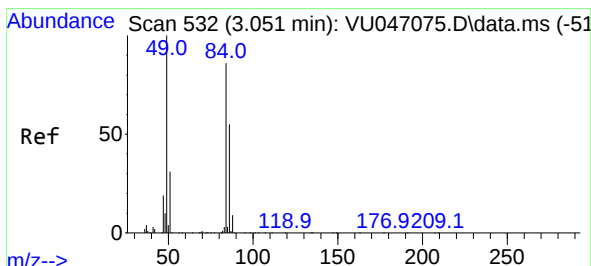
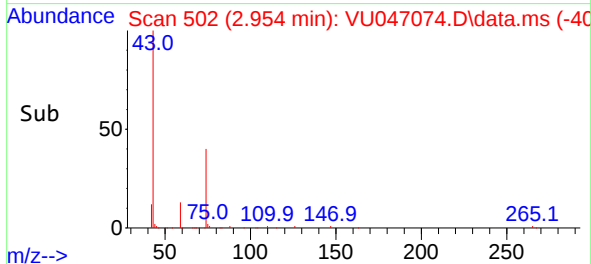
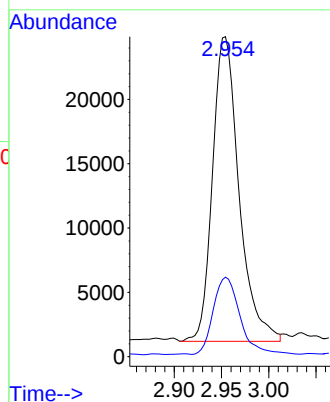
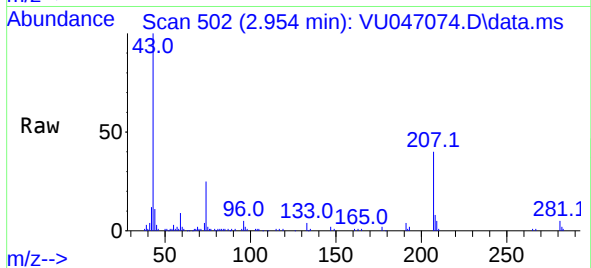




#15
Methyl Acetate
Concen: 11.12 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

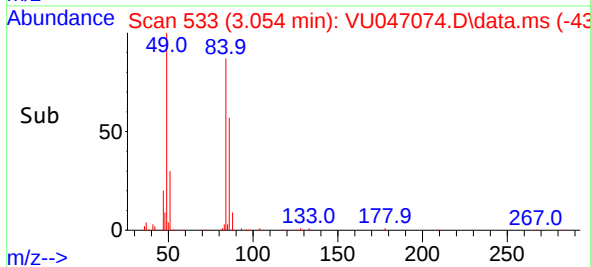
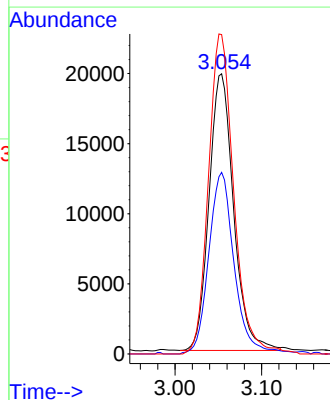
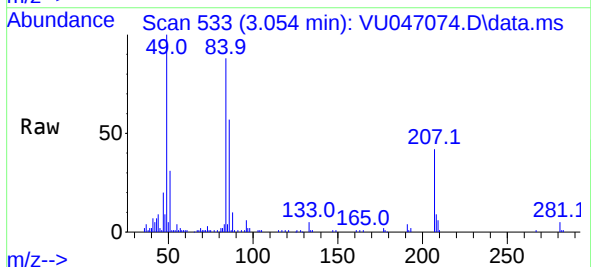
Instrument :
MSVOA_U
ClientSampleId :

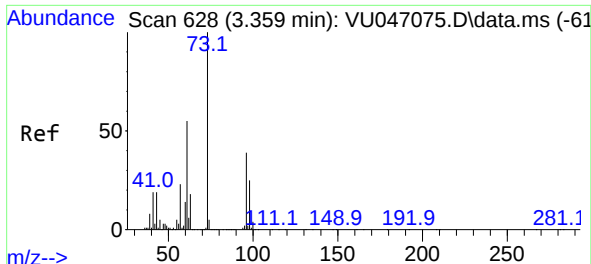
Tgt Ion: 43 Resp: 46241
Ion Ratio Lower Upper
43 100
74 26.0 22.3 33.5



#16
Methylene chloride
Concen: 9.15 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

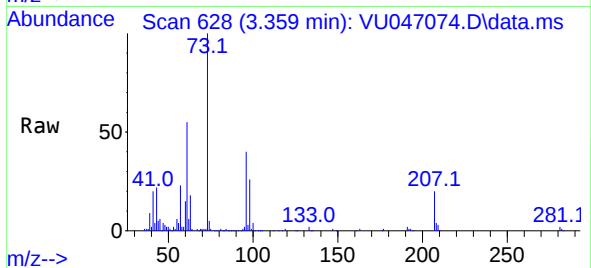
Tgt Ion: 84 Resp: 38965
Ion Ratio Lower Upper
84 100
86 64.8 44.7 82.9
49 114.0 75.9 141.1



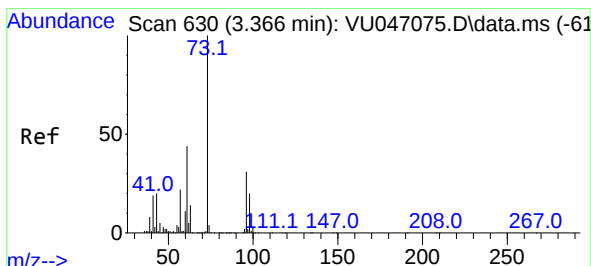
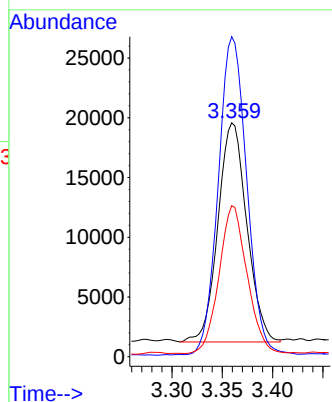
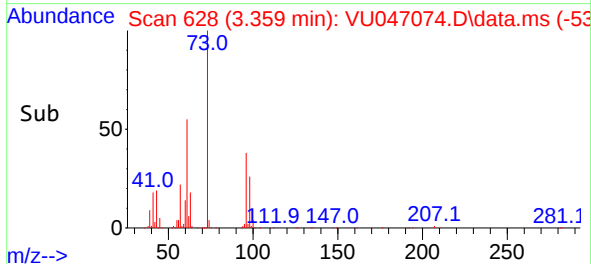


#17
trans-1,2-Dichloroethene
Concen: 10.04 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

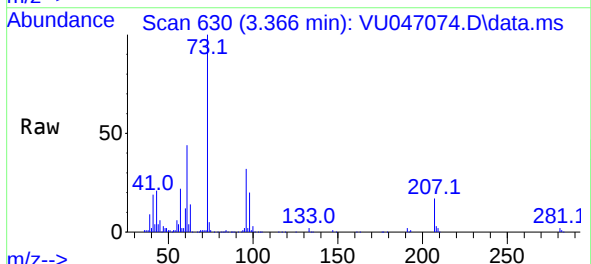
Instrument :
MSVOA_U
ClientSampleId :



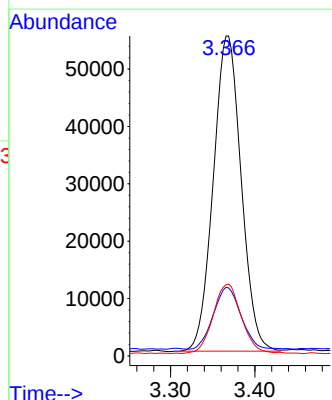
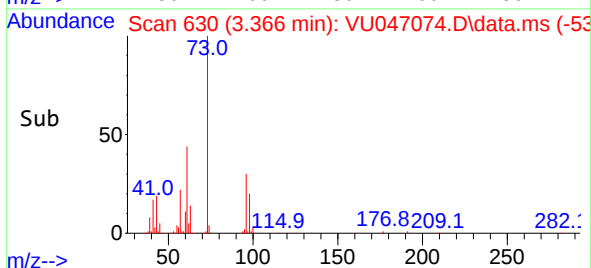
Tgt Ion: 96 Resp: 36594
Ion Ratio Lower Upper
96 100
61 136.8 92.5 171.9
98 64.6 42.4 78.6

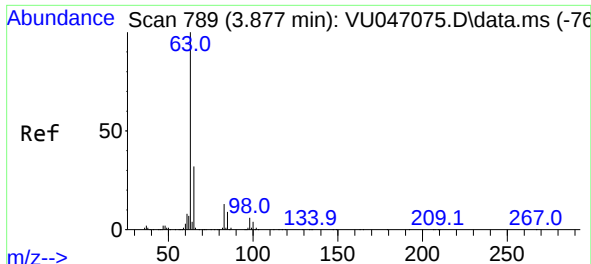


#18
Methyl tert-butyl Ether
Concen: 11.44 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01



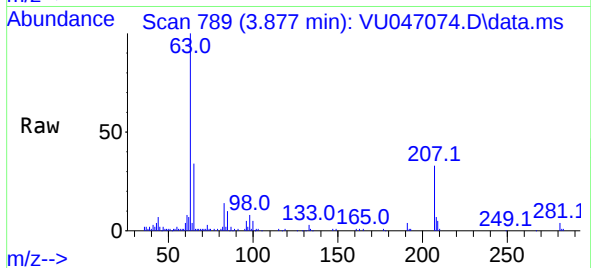
Tgt Ion: 73 Resp: 126141
Ion Ratio Lower Upper
73 100
43 19.3 14.1 21.1
57 22.2 16.4 24.6



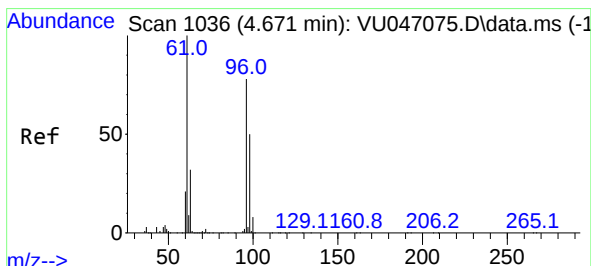
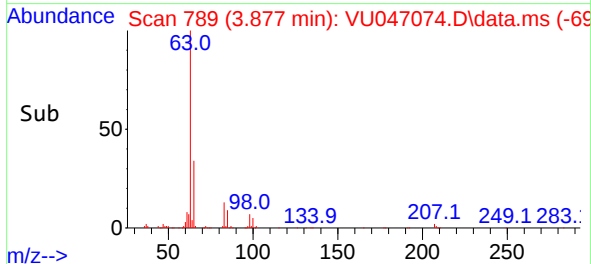
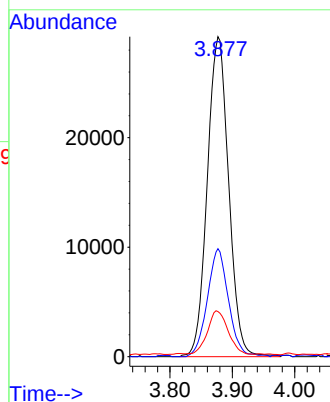


#19
1,1-Dichloroethane
Concen: 10.42 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :

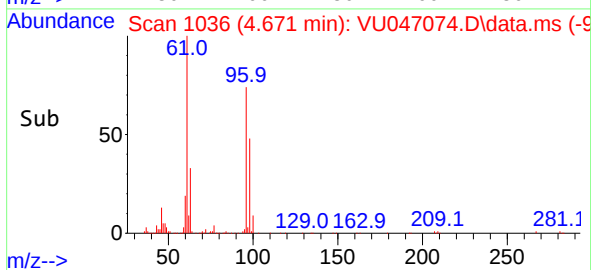
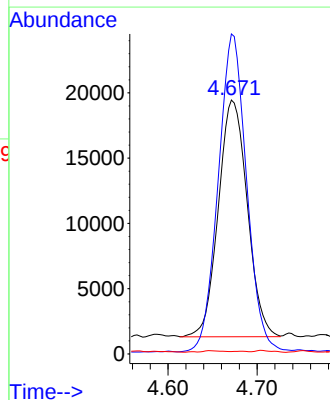
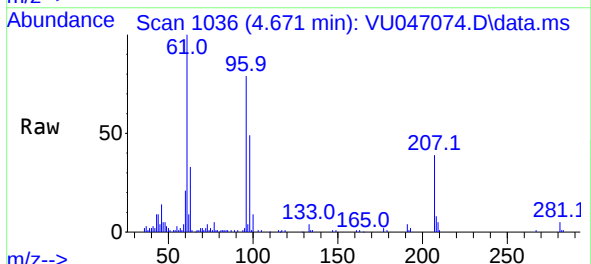


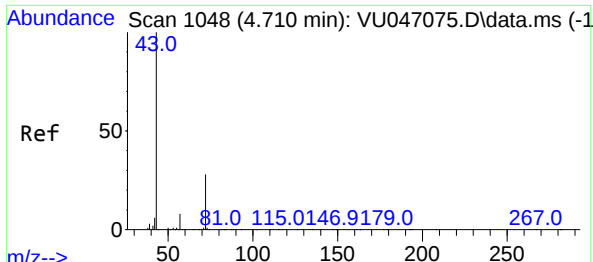
Tgt Ion: 63 Resp: 69571
Ion Ratio Lower Upper
63 100
65 33.8 22.8 42.4
83 14.1 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 10.44 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 96 Resp: 40905
Ion Ratio Lower Upper
96 100
61 126.0 86.0 159.6
68 1.0 0.0 0.0#

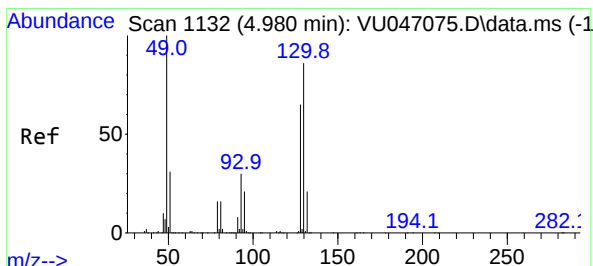
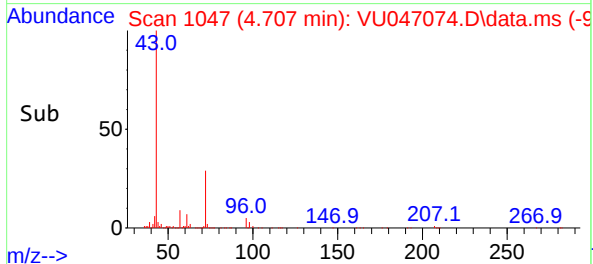
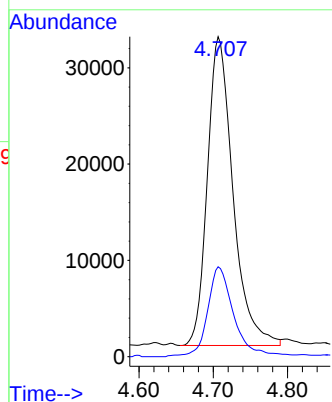
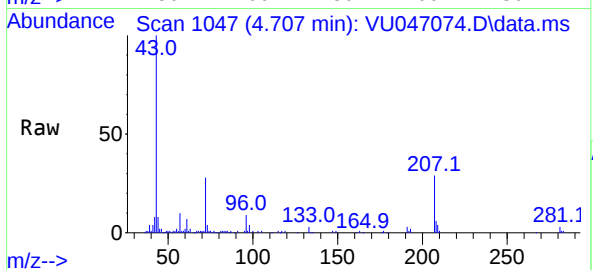




#22
2-Butanone
Concen: 21.03 ug/L
RT: 4.707 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

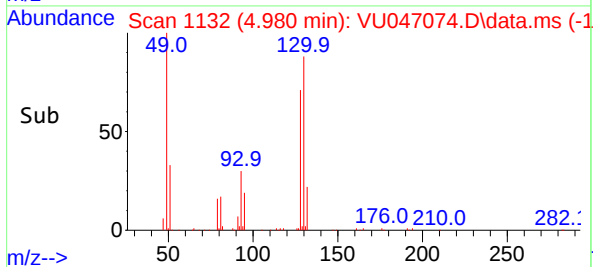
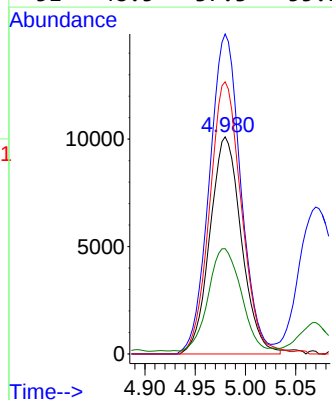
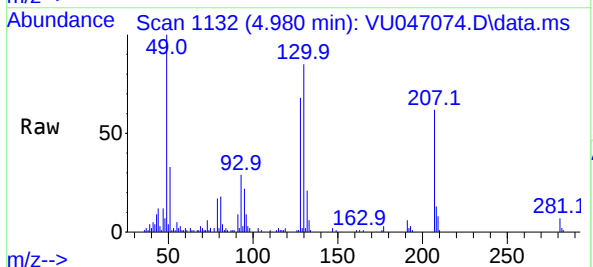
Instrument :
MSVOA_U
ClientSampleId :

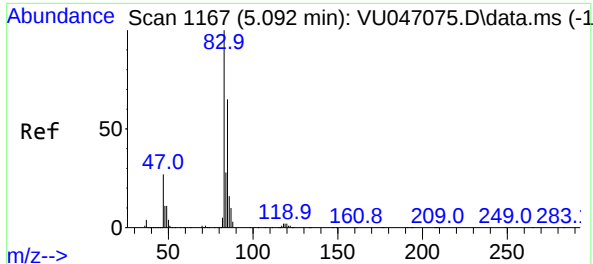
Tgt Ion: 43 Resp: 76847
Ion Ratio Lower Upper
43 100
72 29.8 15.6 46.8



#23
Bromochloromethane
Concen: 10.53 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 128 Resp: 21983
Ion Ratio Lower Upper
128 100
49 147.4 105.4 195.8
130 125.4 88.7 164.7
51 48.5 37.3 55.9

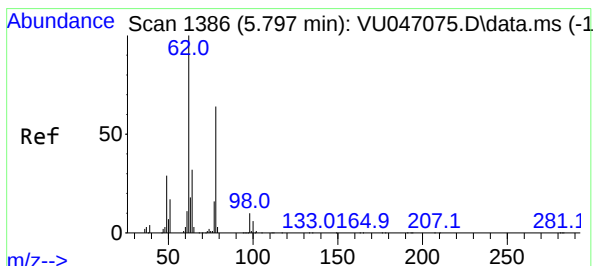
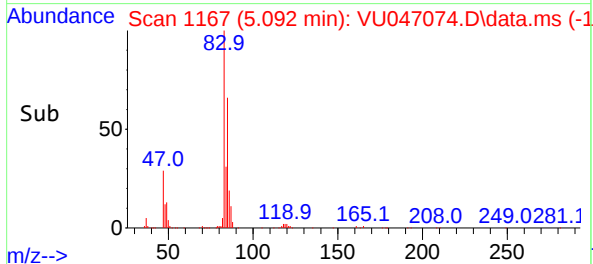
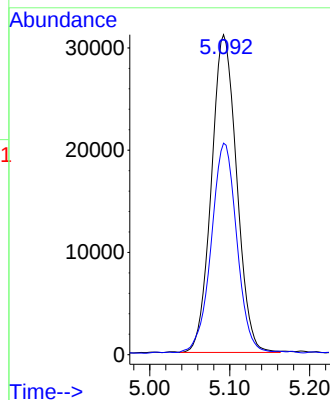
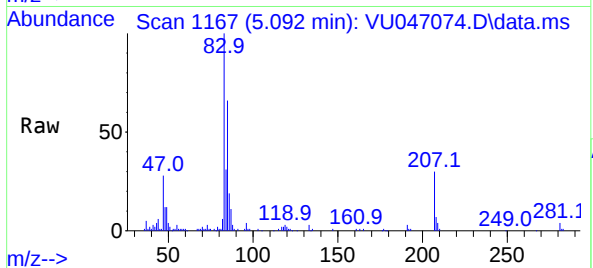




#25
Chloroform
Concen: 9.51 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

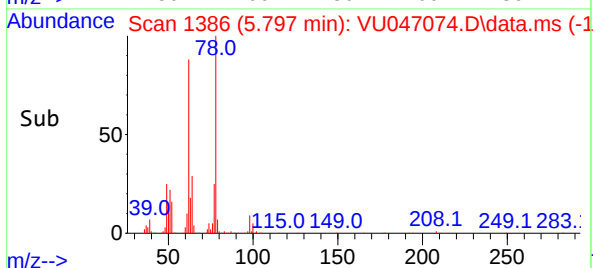
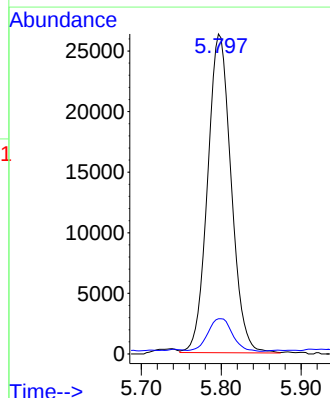
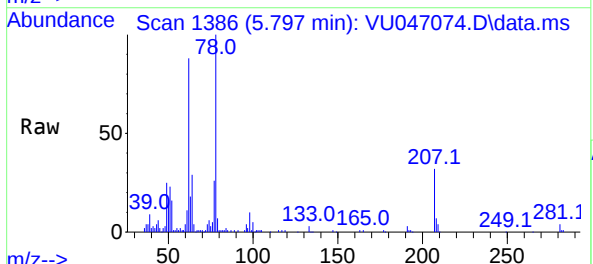
Instrument :
MSVOA_U
ClientSampleId :

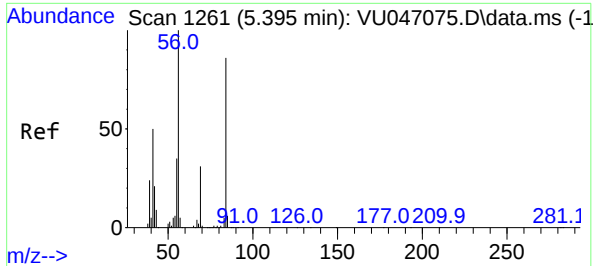
Tgt Ion: 83 Resp: 68116
Ion Ratio Lower Upper
83 100
85 66.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 9.78 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 62 Resp: 53879
Ion Ratio Lower Upper
62 100
98 11.0 7.7 11.5



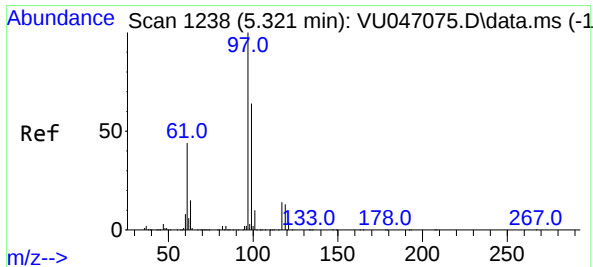
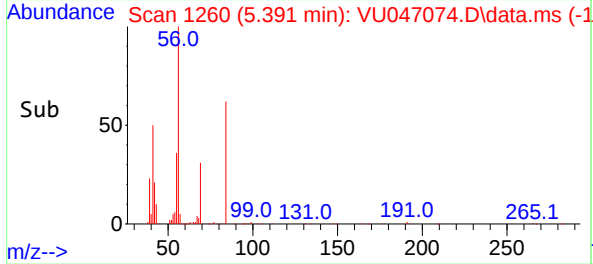
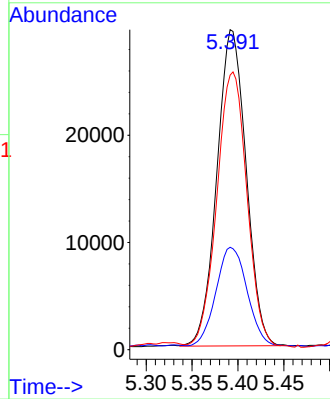
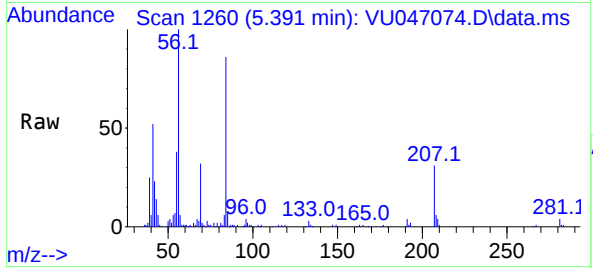


#29
Cyclohexane
Concen: 12.23 ug/L
RT: 5.391 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 65511

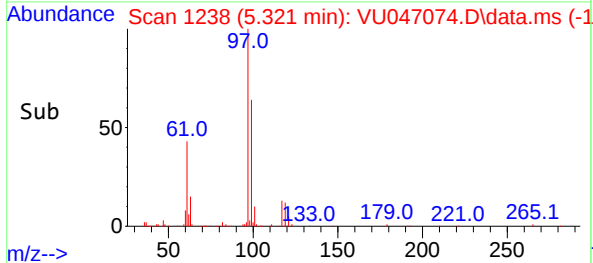
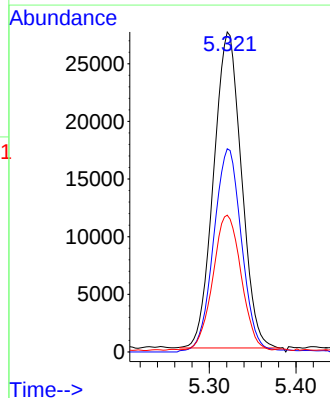
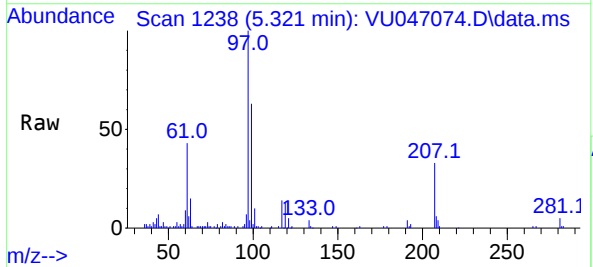
Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.8	38.6
84	88.4	74.2	111.2

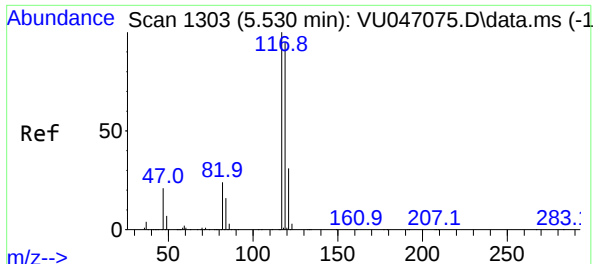


#30
1,1,1-Trichloroethane
Concen: 10.26 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 97 Resp: 61070

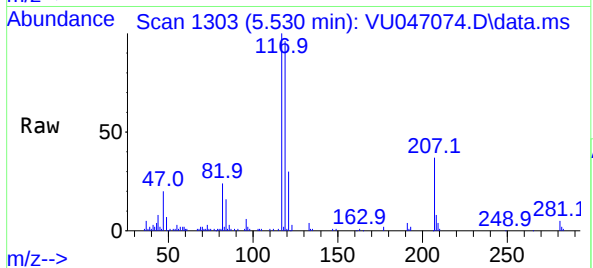
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	43.5	34.1	51.1



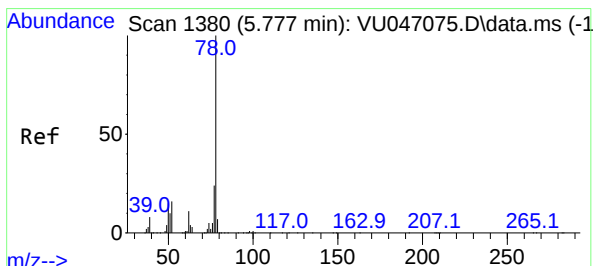
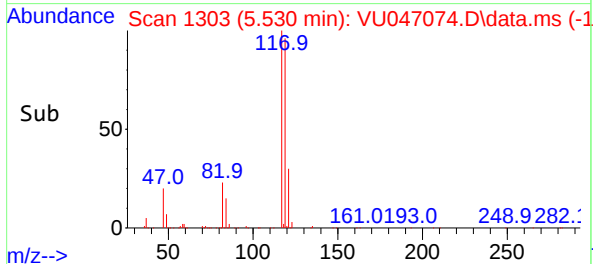
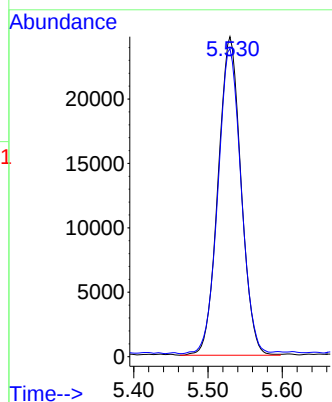


#31
Carbon tetrachloride
Concen: 10.27 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :

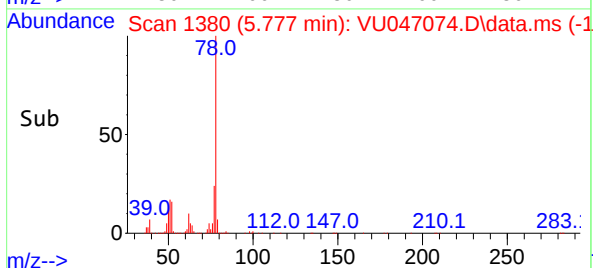
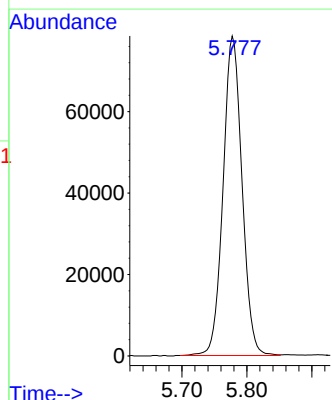
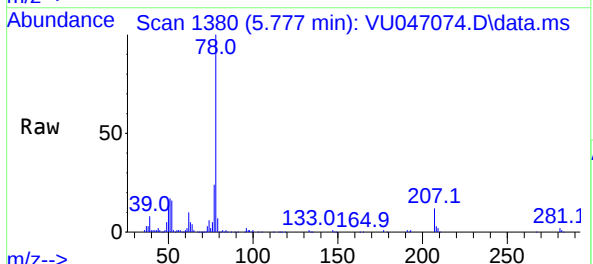


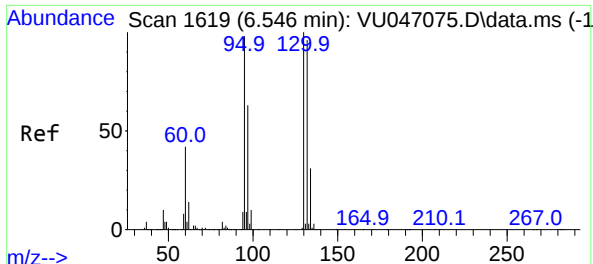
Tgt Ion:117 Resp: 53108
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3



#33
Benzene
Concen: 10.82 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

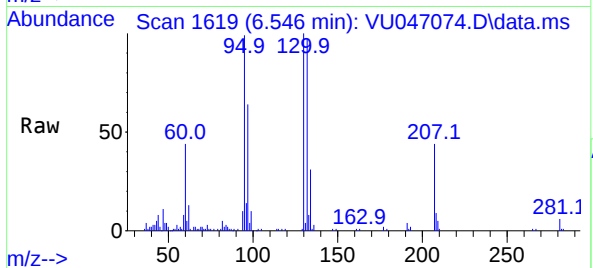
Tgt Ion: 78 Resp: 158405





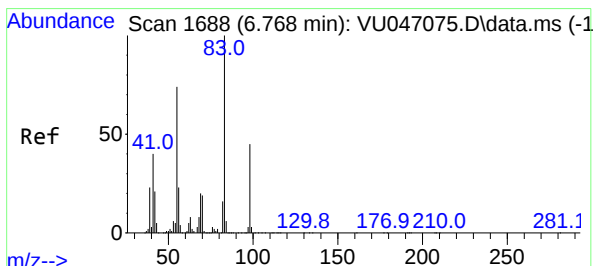
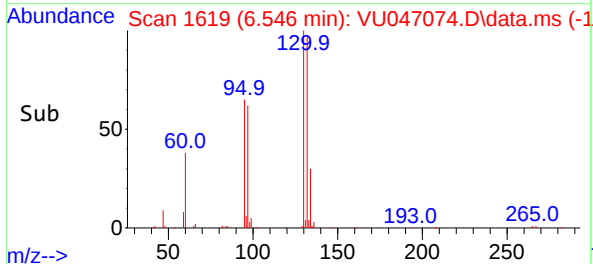
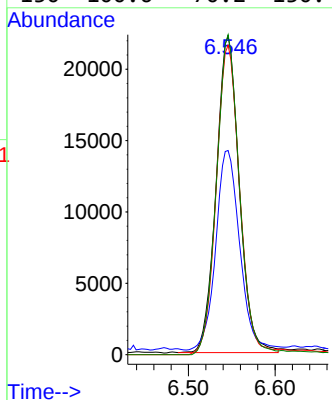
#34
Trichloroethene
Concen: 10.65 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 41071

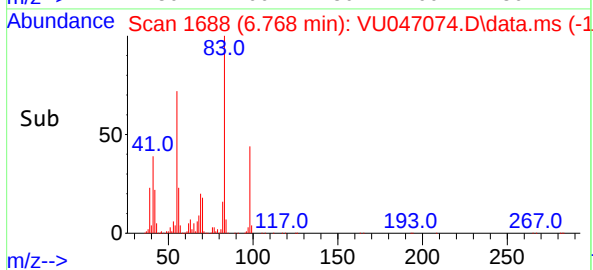
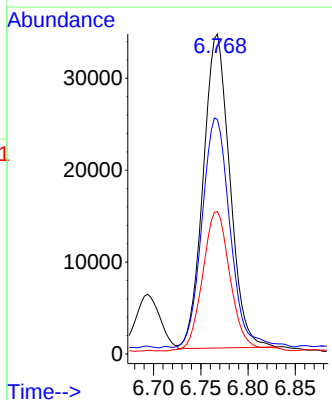
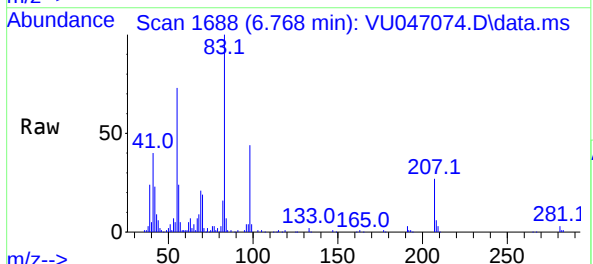
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.1	83.7
132	97.2	66.7	123.9
130	100.6	70.2	130.4

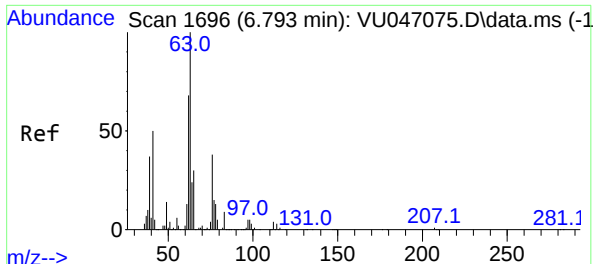


#35
Methylcyclohexane
Concen: 11.14 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 83 Resp: 67011

Ion	Ratio	Lower	Upper
83	100		
55	76.7	56.6	85.0
98	45.9	38.4	57.6

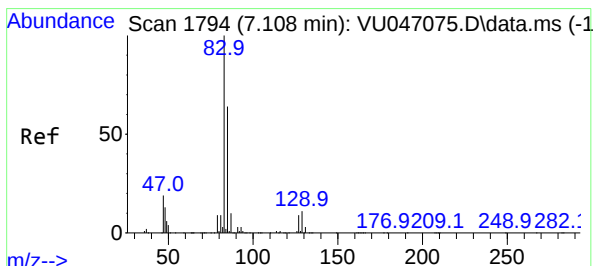
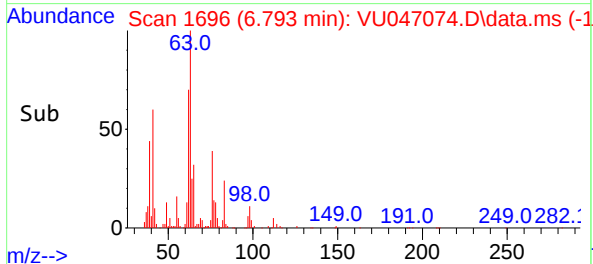
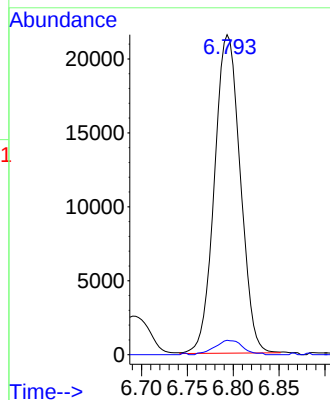
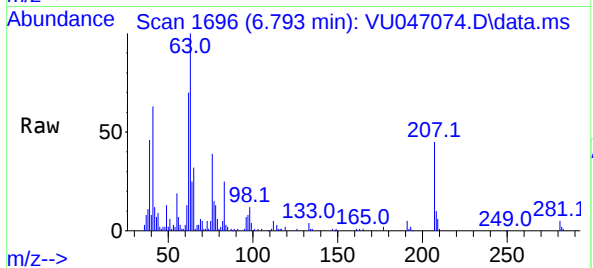




#37
1,2-Dichloropropane
Concen: 11.18 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

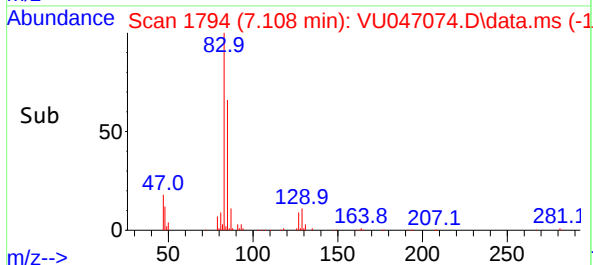
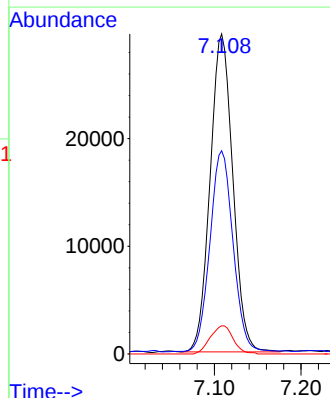
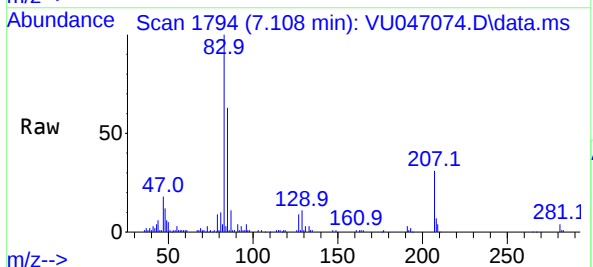
Instrument :
MSVOA_U
ClientSampleId :

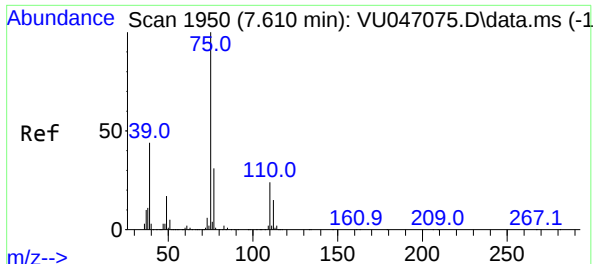
Tgt Ion: 63 Resp: 42236
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5



#38
Bromodichloromethane
Concen: 10.48 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 83 Resp: 53794
Ion Ratio Lower Upper
83 100
85 63.5 45.0 83.6
127 8.8 7.3 10.9

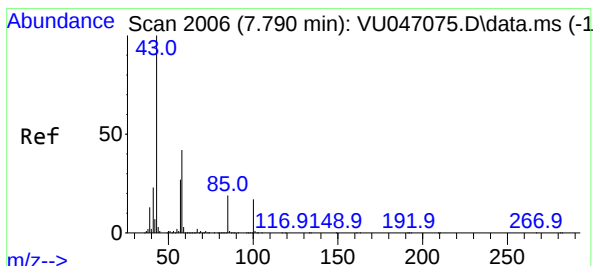
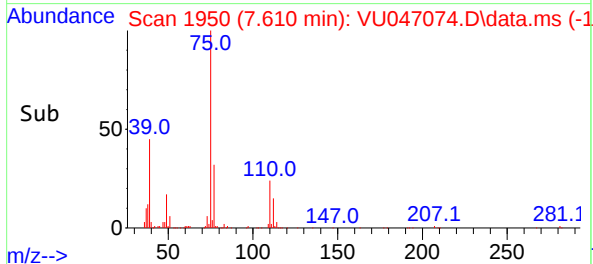
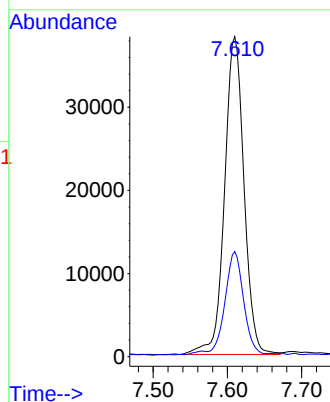
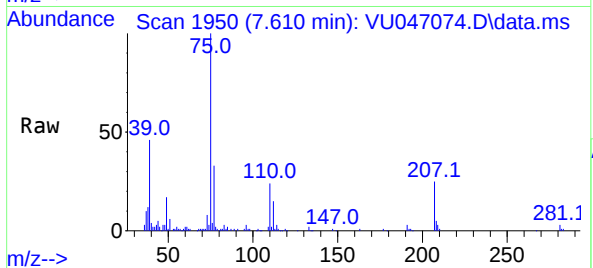




#39
cis-1,3-Dichloropropene
Concen: 11.83 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

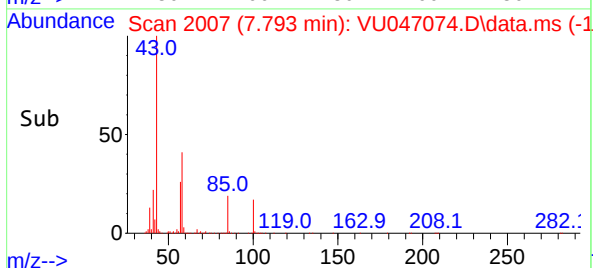
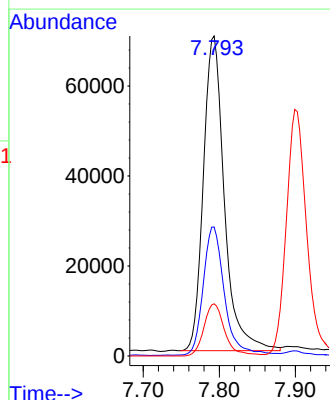
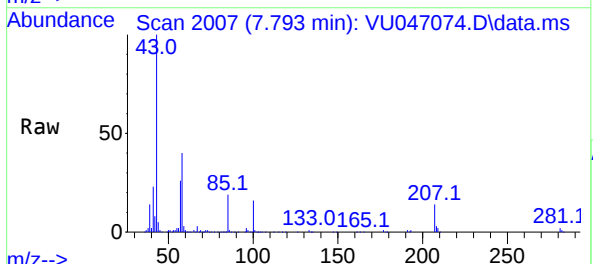
Instrument :
MSVOA_U
ClientSampleId :

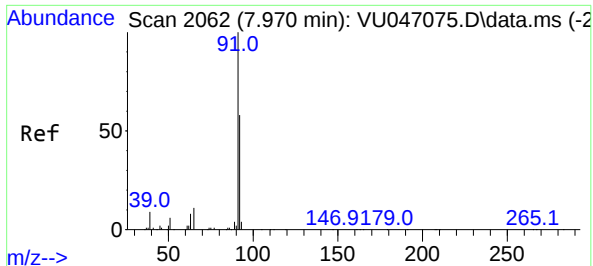
Tgt Ion: 75 Resp: 69633
Ion Ratio Lower Upper
75 100
77 32.8 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 25.29 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 43 Resp: 134496
Ion Ratio Lower Upper
43 100
58 40.4 35.8 53.8
100 16.4 15.7 23.5





#42

Toluene

Concen: 11.28 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047074.D

Acq: 10 Feb 2022 15:01

Instrument :

MSVOA_U

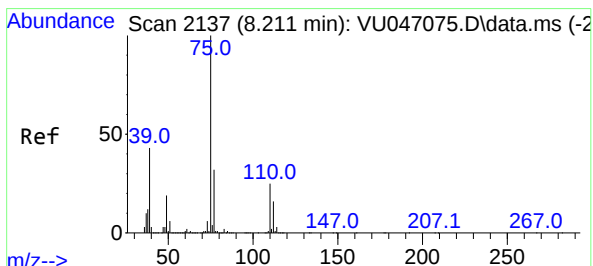
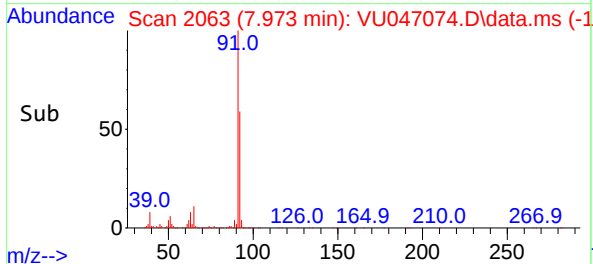
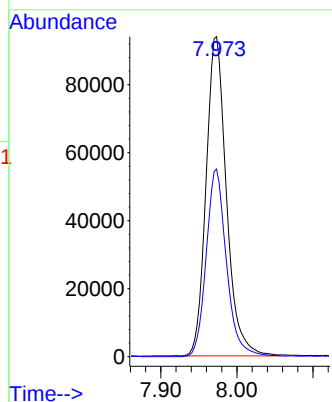
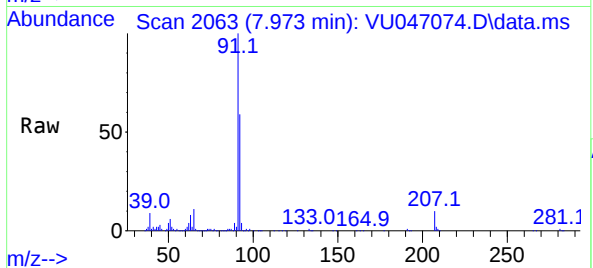
ClientSampleId :

Tgt Ion: 91 Resp: 174475

Ion Ratio Lower Upper

91 100

92 58.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 11.42 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047074.D

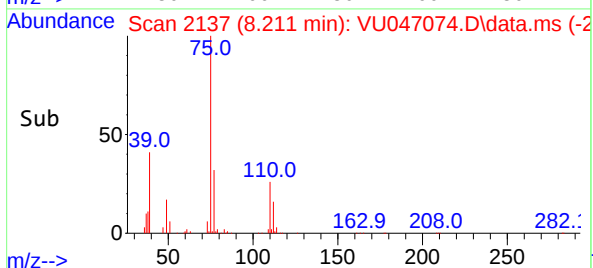
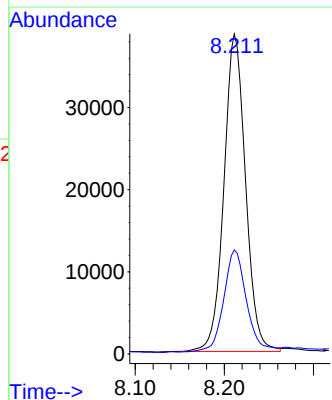
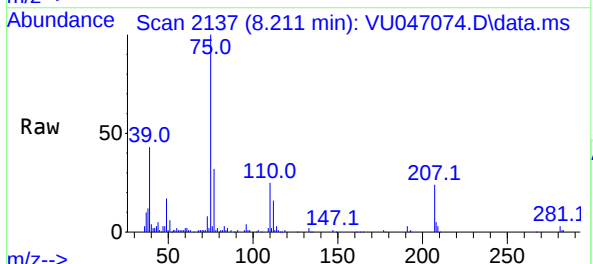
Acq: 10 Feb 2022 15:01

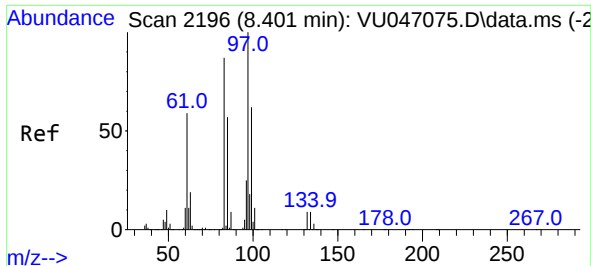
Tgt Ion: 75 Resp: 65200

Ion Ratio Lower Upper

75 100

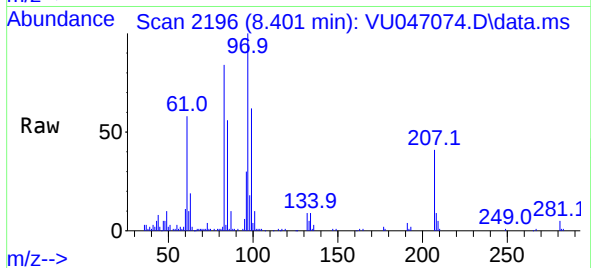
77 32.5 23.0 42.8





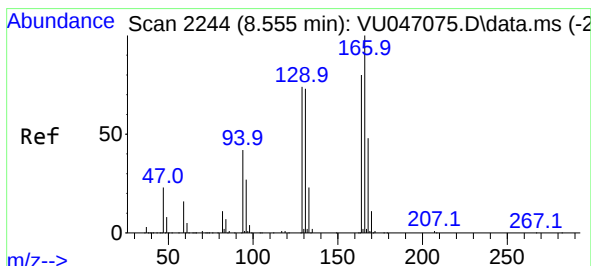
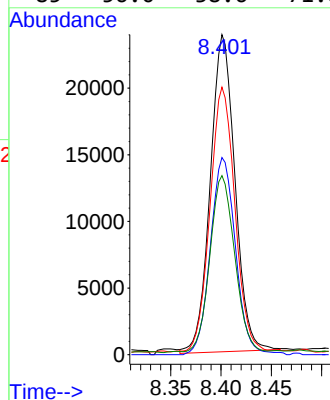
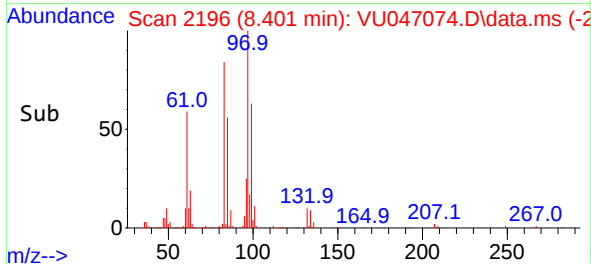
#45
1,1,2-Trichloroethane
Concen: 10.67 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :

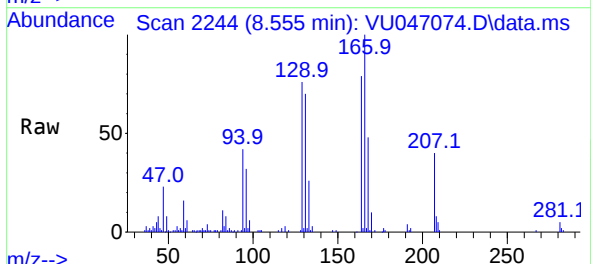


Tgt Ion: 97 Resp: 40668

Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.4	78.8
83	83.6	59.4	110.4
85	56.0	38.6	71.8

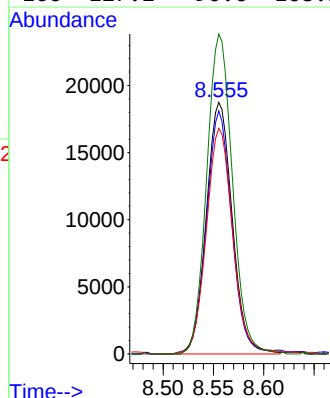
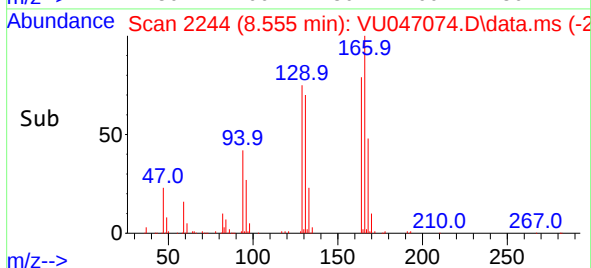


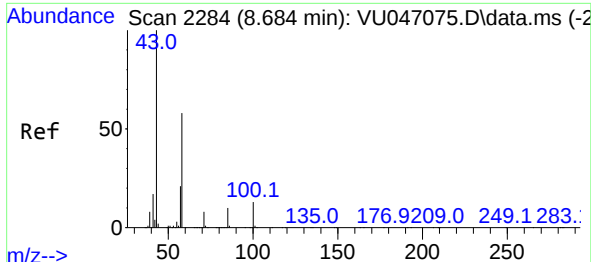
#46
Tetrachloroethene
Concen: 11.35 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01



Tgt Ion: 164 Resp: 33512

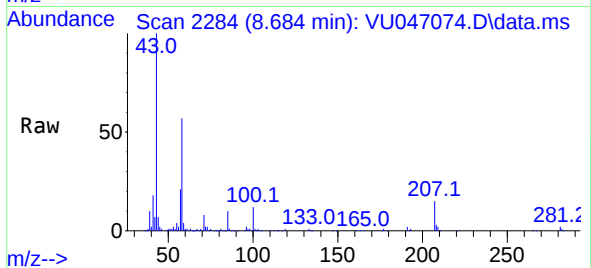
Ion	Ratio	Lower	Upper
164	100		
129	96.6	69.5	129.1
131	89.6	67.0	124.4
166	127.2	90.6	168.2





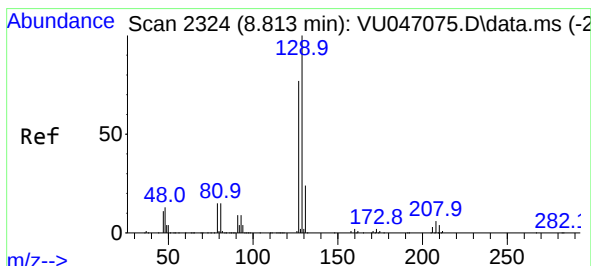
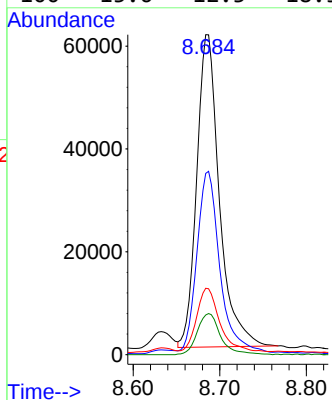
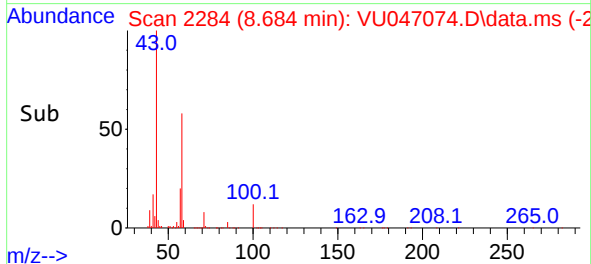
#48
2-Hexanone
Concen: 24.72 ug/L
RT: 8.684 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 110375

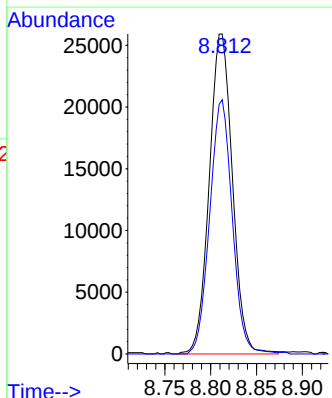
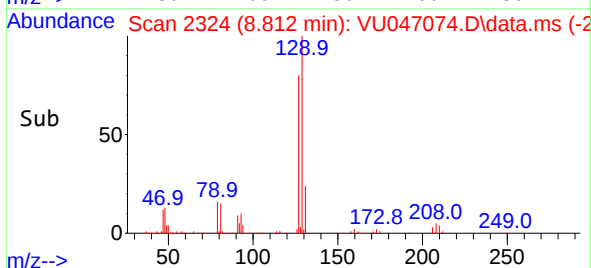
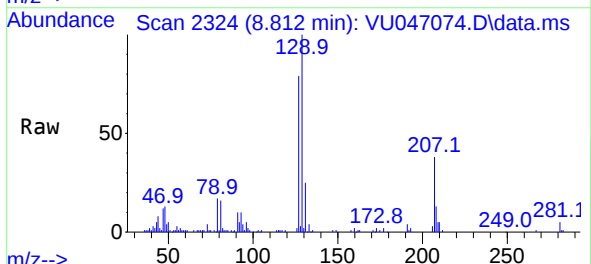
Ion	Ratio	Lower	Upper
43	100		
58	58.2	49.4	74.2
57	19.8	17.5	26.3
100	13.6	12.3	18.5

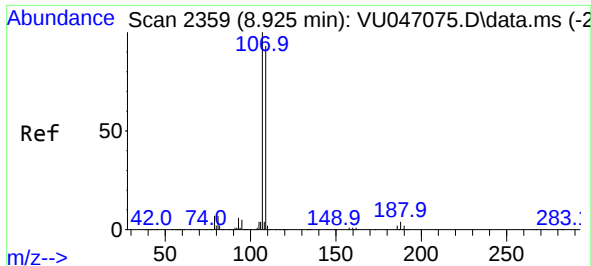


#49
Dibromochloromethane
Concen: 10.76 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 129 Resp: 45629

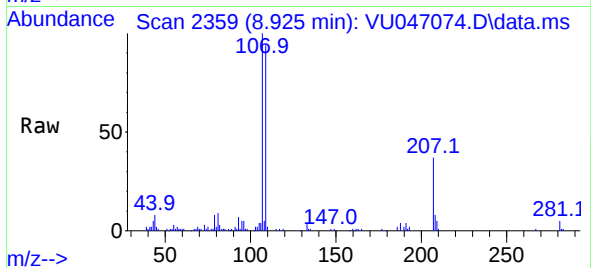
Ion	Ratio	Lower	Upper
129	100		
127	79.4	54.5	101.3



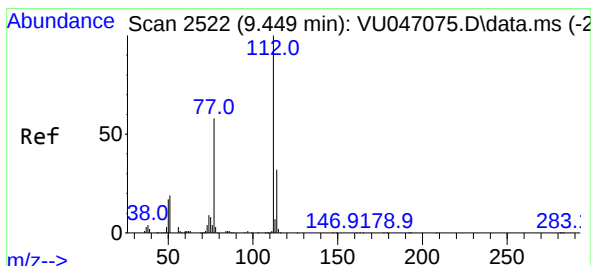
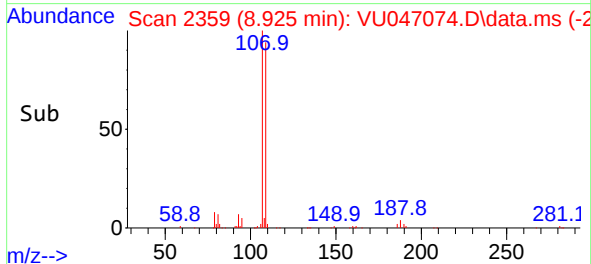
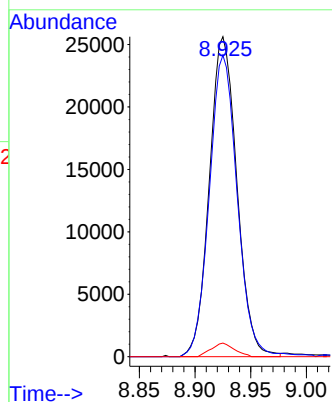


#50
1,2-Dibromoethane
Concen: 10.99 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :

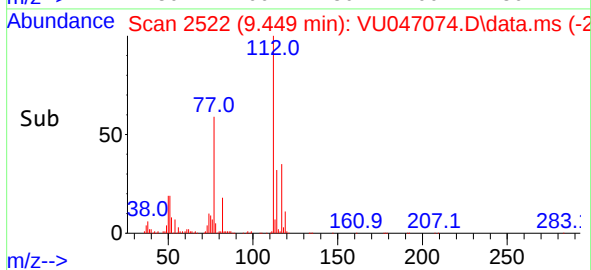
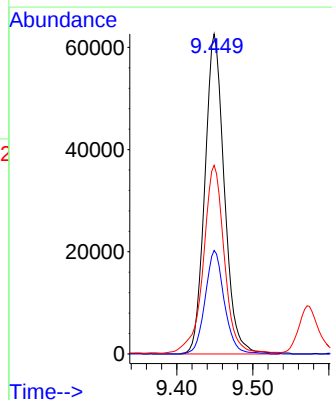
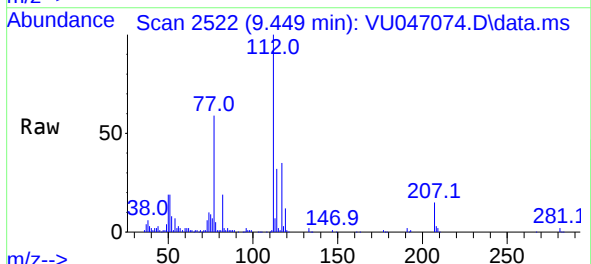


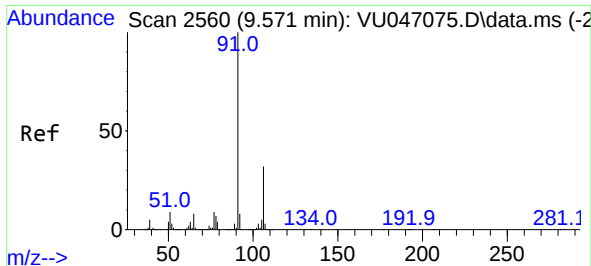
Tgt Ion:107 Resp: 44029
Ion Ratio Lower Upper
107 100
109 94.2 65.6 121.8
188 4.2 3.1 4.7



#51
Chlorobenzene
Concen: 11.04 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion:112 Resp: 111599
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 58.9 46.5 69.7

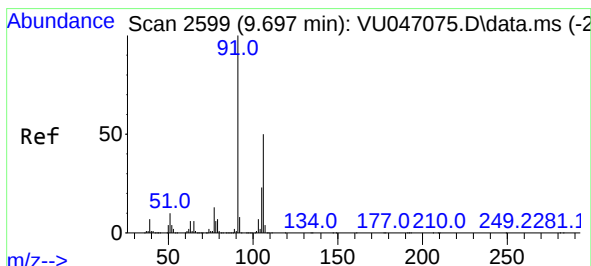
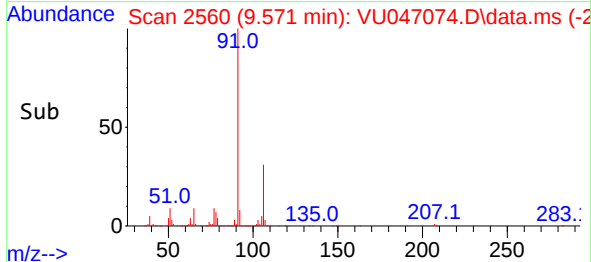
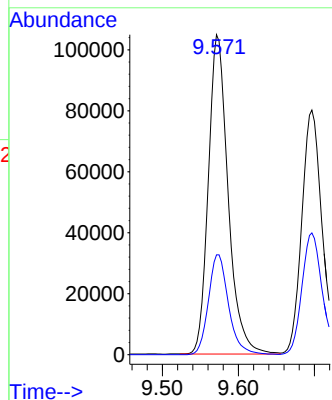
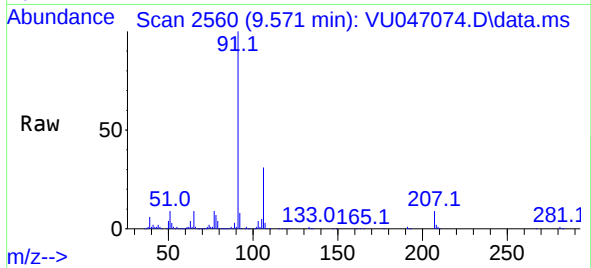




#52
Ethylbenzene
Concen: 11.44 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

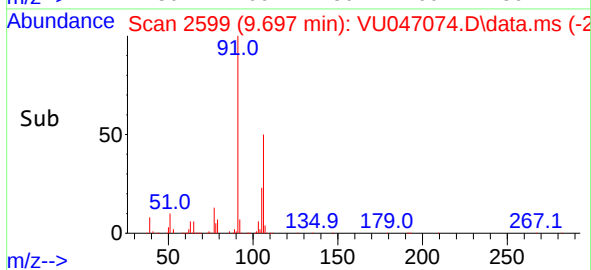
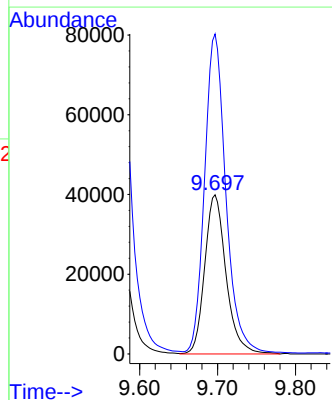
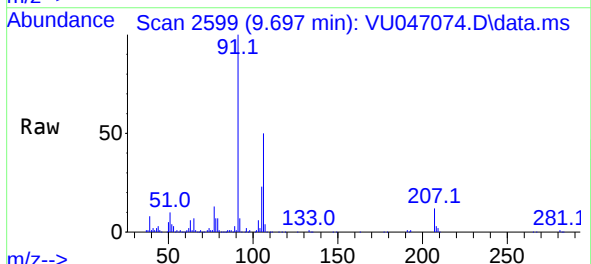
Instrument :
MSVOA_U
ClientSampleId :

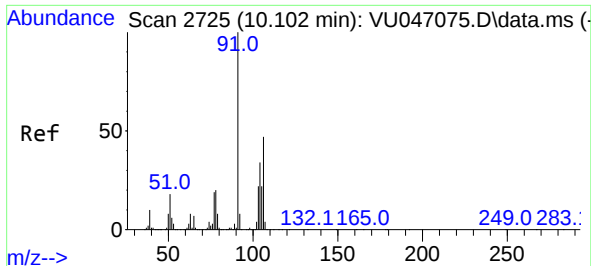
Tgt Ion: 91 Resp: 189231
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 11.86 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion: 106 Resp: 76008
Ion Ratio Lower Upper
106 100
91 200.9 145.5 270.1

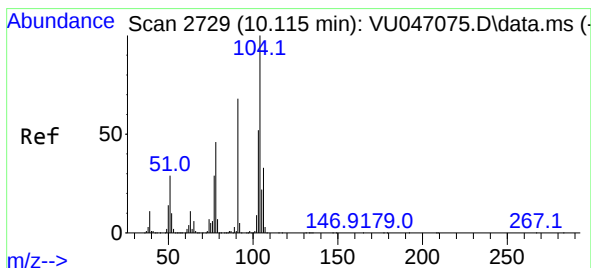
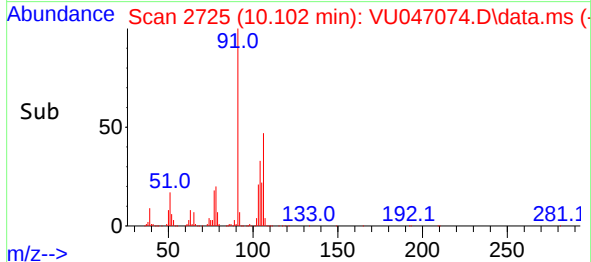
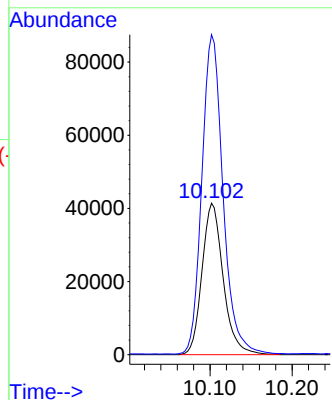
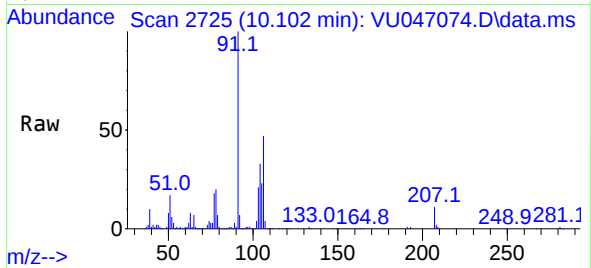




#54
o-xylene
Concen: 12.09 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

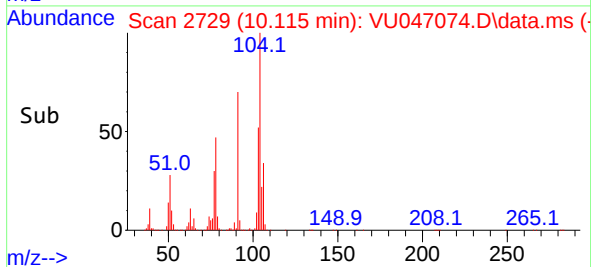
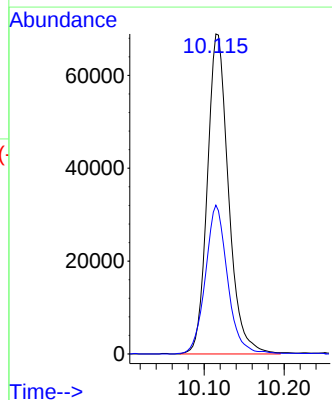
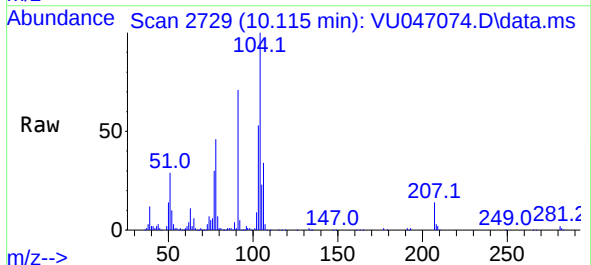
Instrument :
MSVOA_U
ClientSampleId :

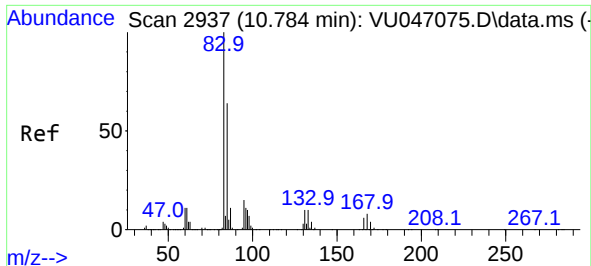
Tgt Ion:106 Resp: 74280
Ion Ratio Lower Upper
106 100
91 211.2 152.0 282.2



#55
Styrene
Concen: 11.85 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion:104 Resp: 126888
Ion Ratio Lower Upper
104 100
78 46.5 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 10.32 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047074.D

Acq: 10 Feb 2022 15:01

Instrument :

MSVOA_U

ClientSampleId :

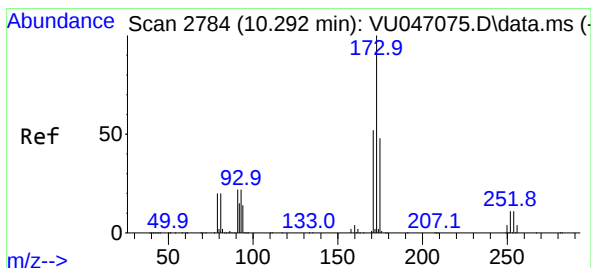
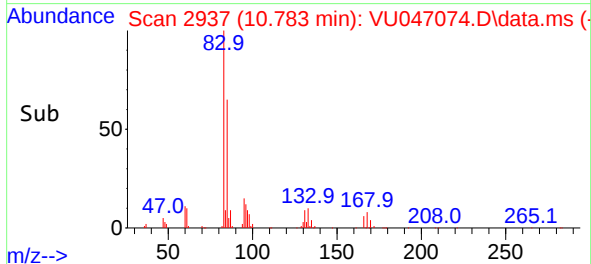
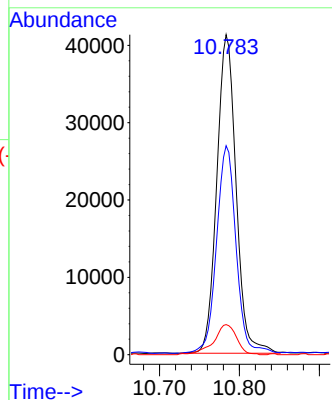
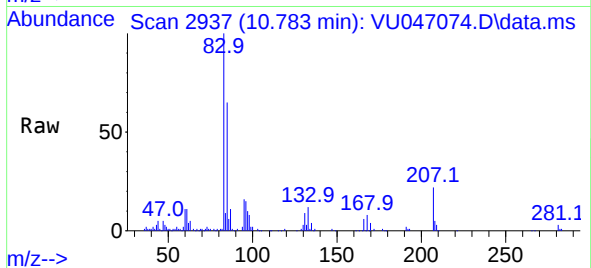
Tgt Ion: 83 Resp: 68928

Ion Ratio Lower Upper

83 100

85 65.3 44.7 83.1

131 9.4 7.8 11.6



#59

Bromoform

Concen: 11.42 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU047074.D

Acq: 10 Feb 2022 15:01

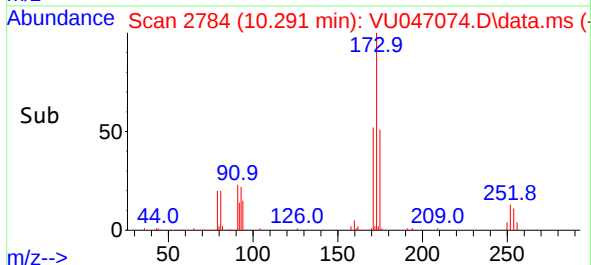
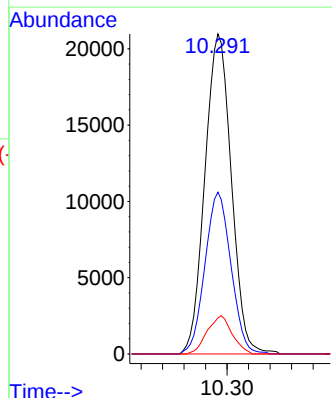
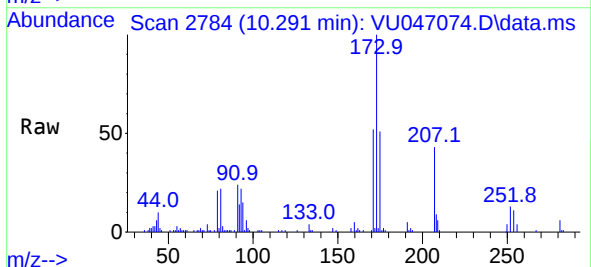
Tgt Ion:173 Resp: 35866

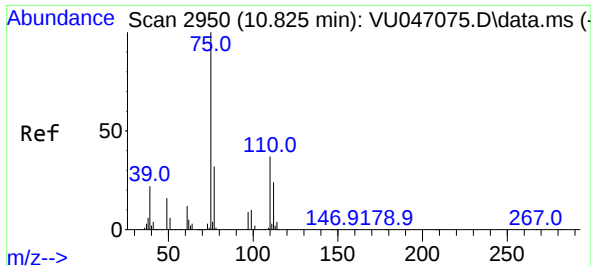
Ion Ratio Lower Upper

173 100

175 49.6 37.6 56.4

254 11.2 8.1 12.1

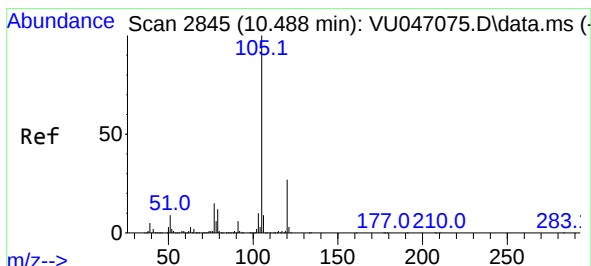
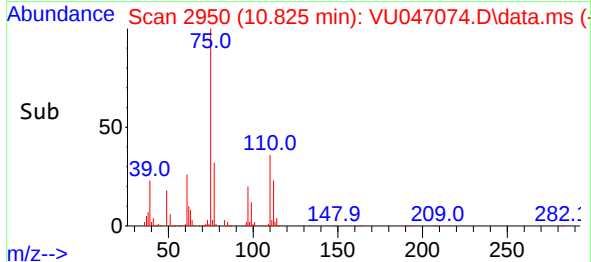
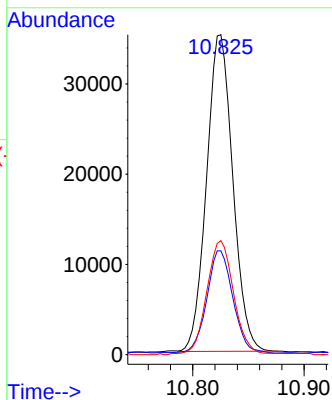
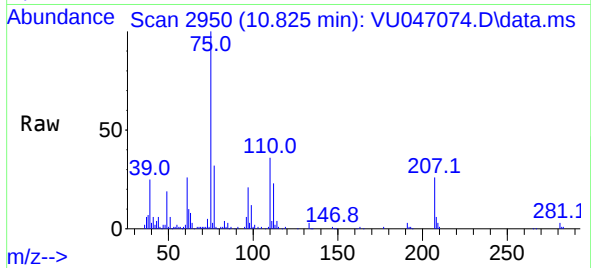




#60
1,2,3-Trichloropropane
Concen: 10.84 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

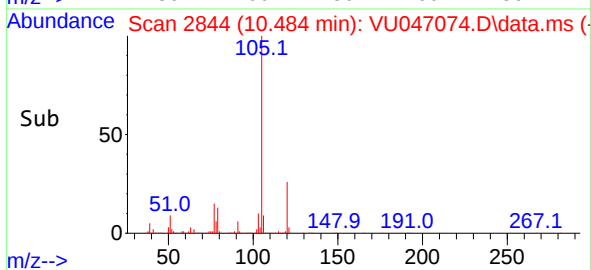
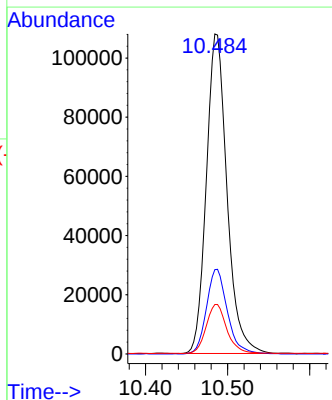
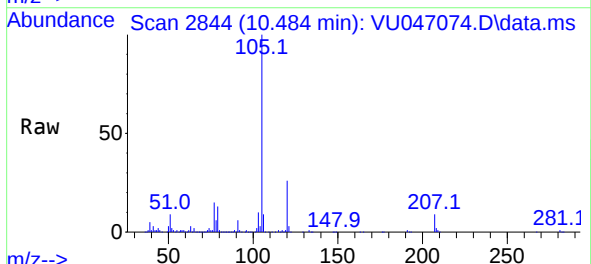
Instrument :
MSVOA_U
ClientSampleId :

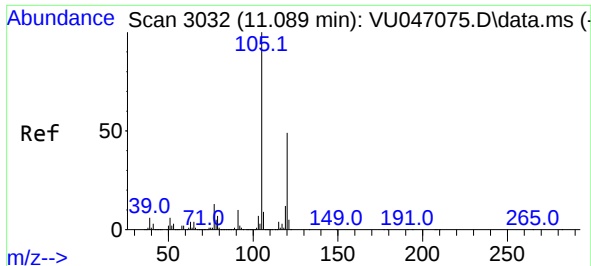
Tgt Ion:	75	Resp:	57575
Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.2	39.2
110	37.0	32.5	48.7



#61
Isopropylbenzene
Concen: 12.14 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion:	105	Resp:	189375
Ion	Ratio	Lower	Upper
105	100		
120	26.8	20.6	31.0
77	15.3	12.6	18.8

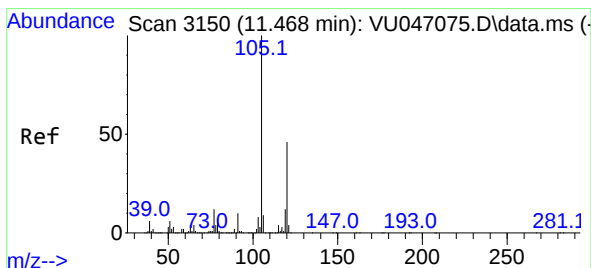
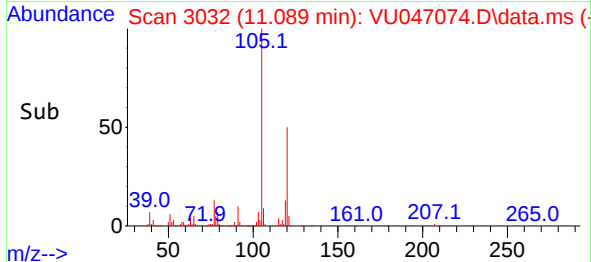
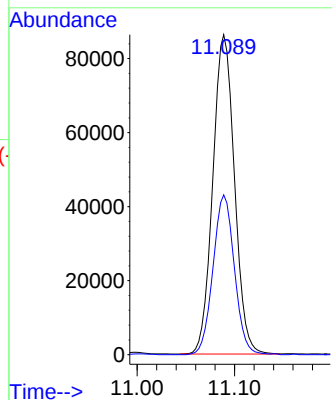
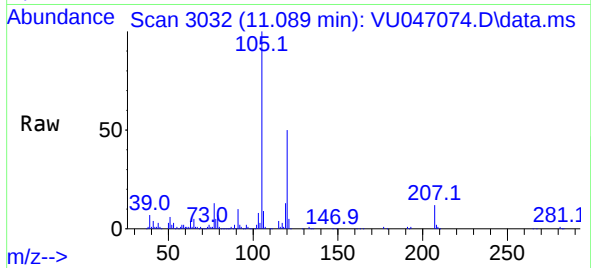




#62
1,3,5-Trimethylbenzene
Concen: 10.58 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

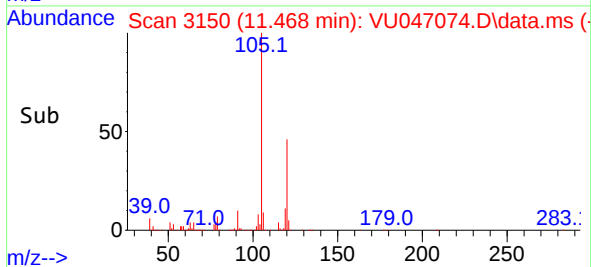
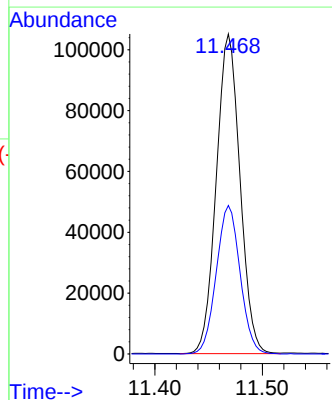
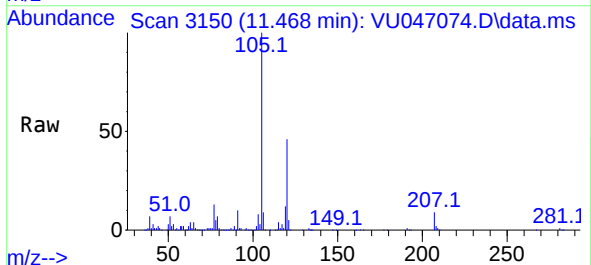
Instrument :
MSVOA_U
ClientSampleId :

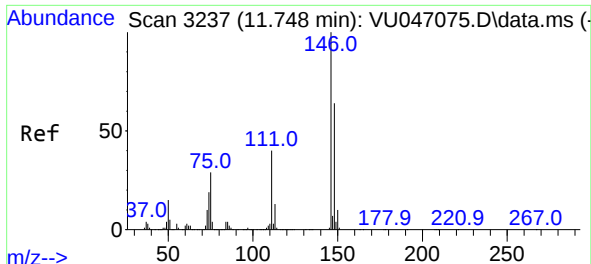
Tgt Ion:105 Resp: 133234
Ion Ratio Lower Upper
105 100
120 49.4 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 12.30 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

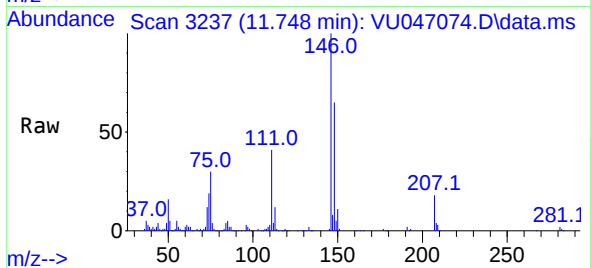
Tgt Ion:105 Resp: 160640
Ion Ratio Lower Upper
105 100
120 46.7 35.4 53.2



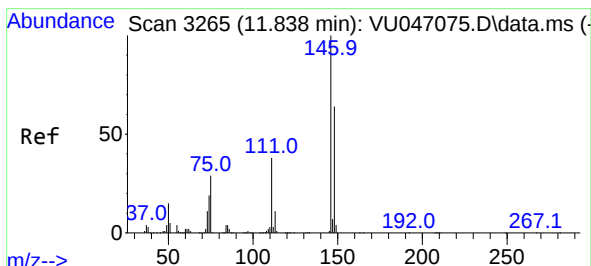
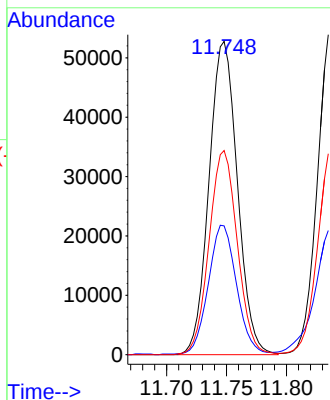
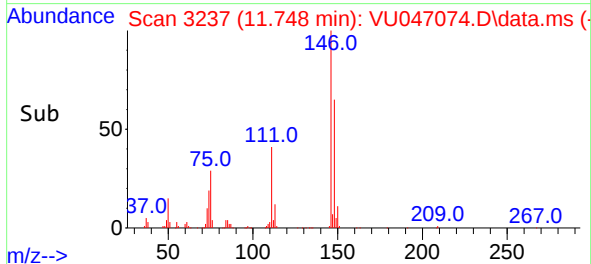


#64
1,3-Dichlorobenzene
Concen: 11.14 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

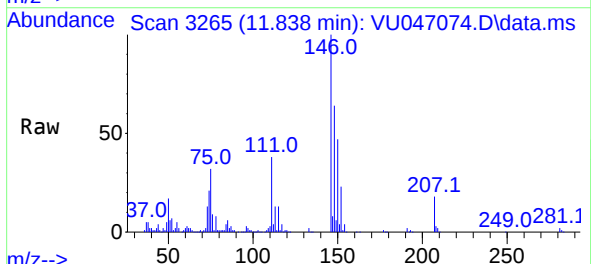
Instrument :
MSVOA_U
ClientSampleId :



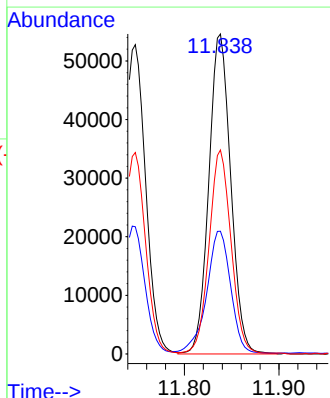
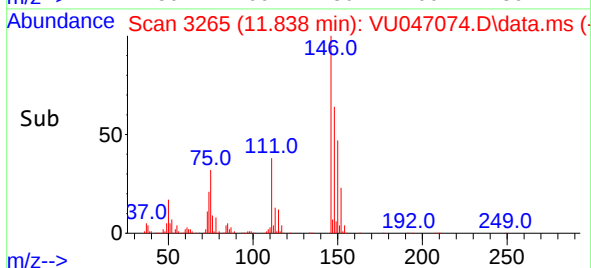
Tgt Ion:146 Resp: 86836
Ion Ratio Lower Upper
146 100
111 41.1 29.4 54.6
148 65.2 45.8 85.2

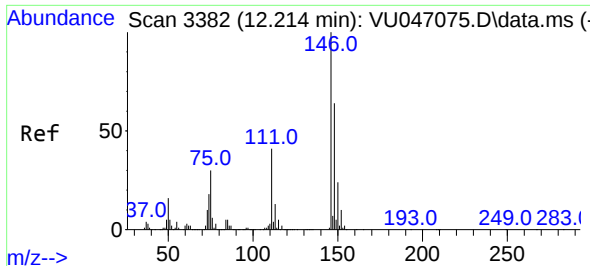


#65
1,4-Dichlorobenzene
Concen: 10.89 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01



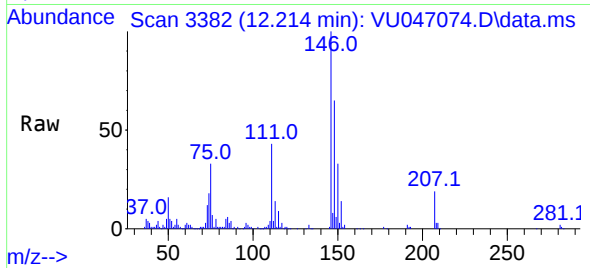
Tgt Ion:146 Resp: 88061
Ion Ratio Lower Upper
146 100
111 38.4 28.9 53.7
148 63.8 44.5 82.7



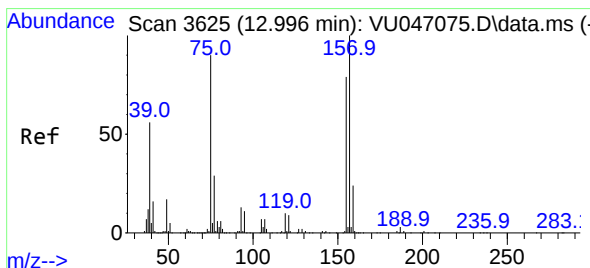
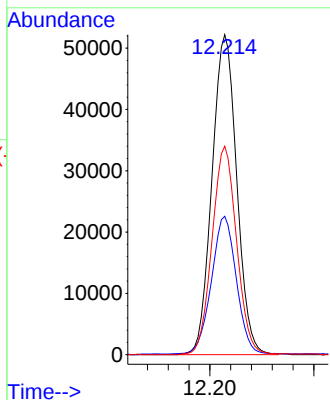
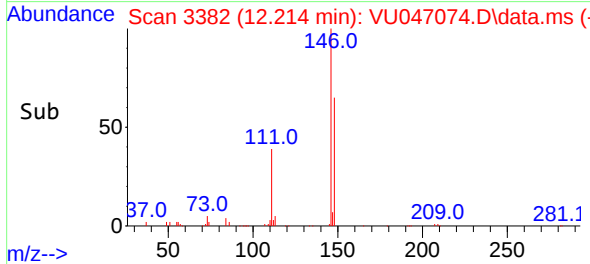


#67
1,2-Dichlorobenzene
Concen: 11.05 ug/L
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

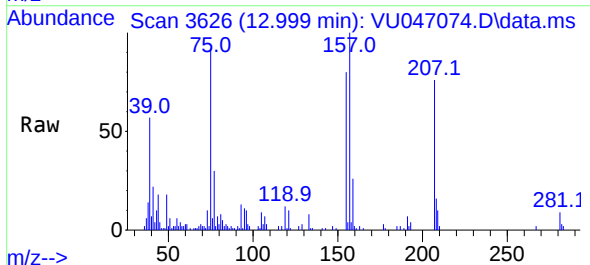
Instrument :
MSVOA_U
ClientSampleId :



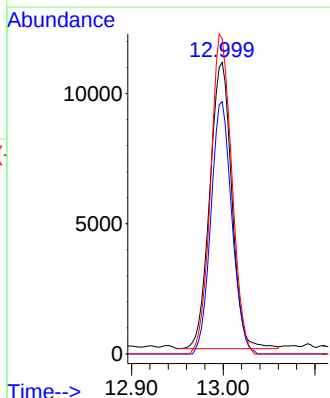
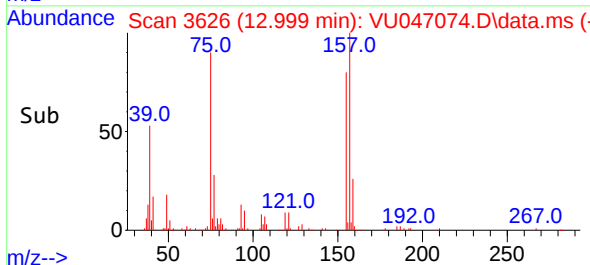
Tgt Ion:146 Resp: 86363
Ion Ratio Lower Upper
146 100
111 43.2 34.2 51.4
148 65.2 51.3 76.9

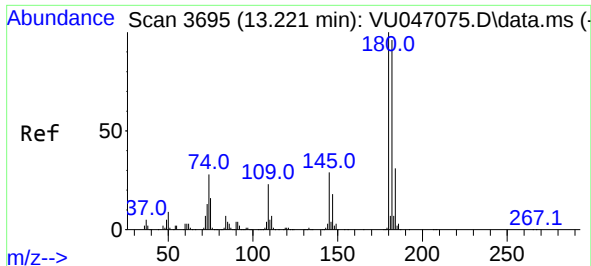


#68
1,2-Dibromo-3-chloropropane
Concen: 11.46 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01



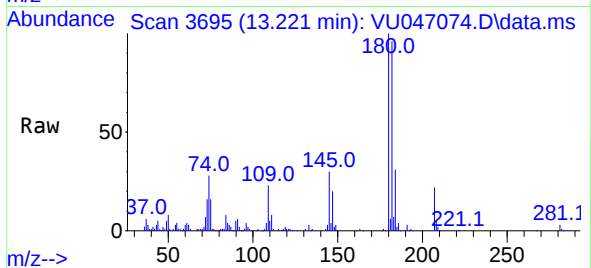
Tgt Ion: 75 Resp: 18310
Ion Ratio Lower Upper
75 100
155 86.5 65.0 97.4
157 108.2 79.7 119.5





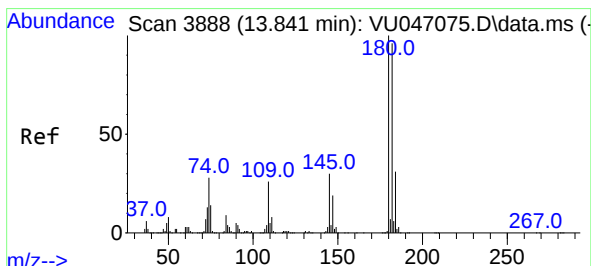
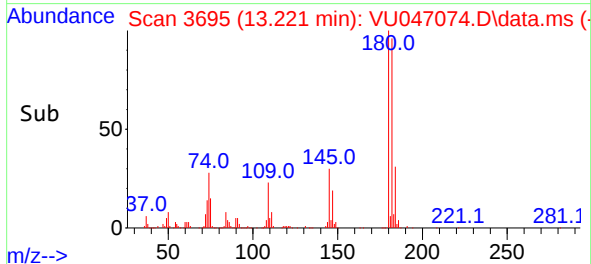
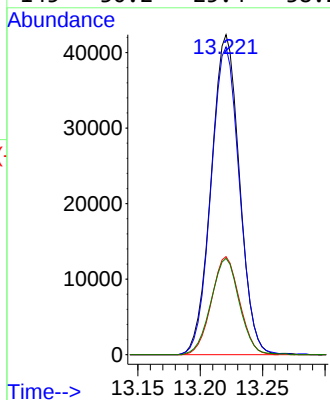
#69
 1,3,5-Trichlorobenzene
 Concen: 11.16 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047074.D
 Acq: 10 Feb 2022 15:01

Instrument :
 MSVOA_U
 ClientSampleId :

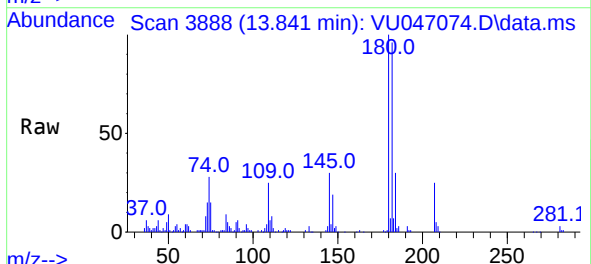


Tgt Ion:180 Resp: 66934

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.6
184	30.3	24.7	37.1
145	30.2	25.4	38.2

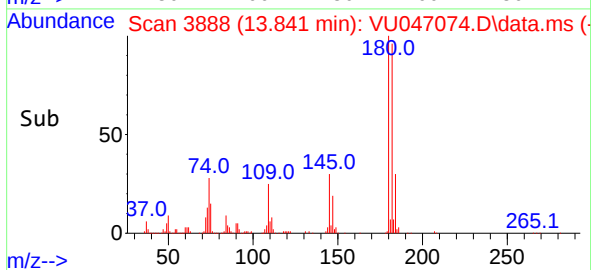
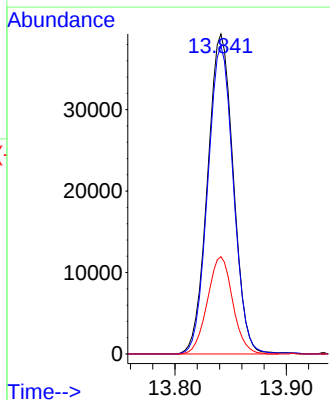


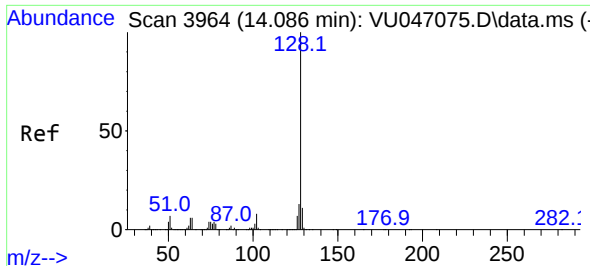
#70
 1,2,4-trichlorobenzene
 Concen: 12.15 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047074.D
 Acq: 10 Feb 2022 15:01



Tgt Ion:180 Resp: 63158

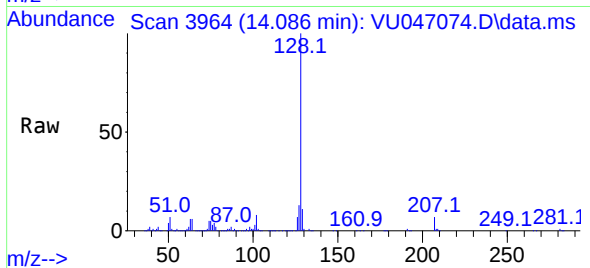
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	114.8
145	29.8	25.2	37.8



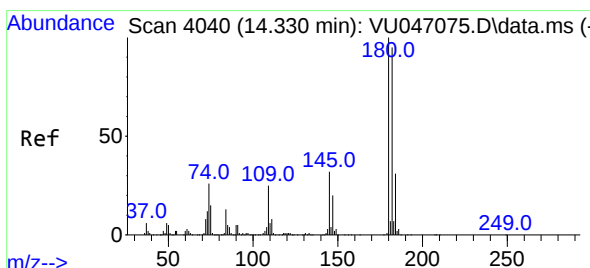
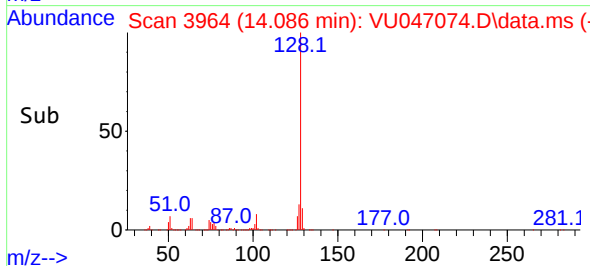
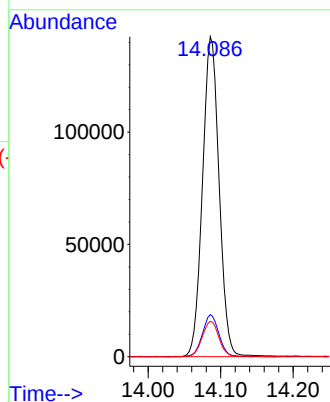


#71
Naphthalene
Concen: 13.34 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 226920
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 12.04 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047074.D
Acq: 10 Feb 2022 15:01

Tgt Ion:180 Resp: 62855
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 31.9 27.4 41.2

