

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049878.D
 Acq On : 25 Jul 2022 19:44
 Operator : SY/MD
 Sample : N3879-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3MS

Quant Time: Jul 26 05:37:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29260	4.209	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.909	69	27176	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.562	65	12916	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.639	46	145256	58.078	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.160%
24) Chloroform-d	5.063	84	79536	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.703	65	46154	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.729	84	138901	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.693	67	49346	5.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.896	98	118953	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.182	79	17438	4.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.636	63	82407	58.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.720%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	45512	5.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	43005	5.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	36778	4.058	ug/L	98
3) Chloromethane	1.523	50	48618	4.359	ug/L	99
5) Vinyl chloride	1.600	62	42662	4.575	ug/L	98
6) Bromomethane	1.854	94	21037	4.172	ug/L	98
8) Chloroethane	1.932	64	23674	4.406	ug/L	99
9) Trichlorofluoromethane	2.134	101	48484	4.229	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	23171	4.133	ug/L	97
12) 1,1-Dichloroethene	2.575	96	25252	4.451	ug/L	98
13) Acetone	2.649	43	74450	49.490	ug/L	97
14) Carbon disulfide	2.790	76	79128	4.508	ug/L	100
15) Methyl Acetate	2.957	43	14417	3.844	ug/L	98
16) Methylene chloride	3.044	84	36142	2.824	ug/L	95
17) Methyl tert-butyl Ether	3.369	73	82190	4.472	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	29516	4.501	ug/L	96
19) 1,1-Dichloroethane	3.870	63	66237	4.673	ug/L	98
21) 2-Butanone	4.716	43	119386	46.793	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	246089	32.399	ug/L	98
23) Bromochloromethane	4.976	128	16598	4.892	ug/L	97
25) Chloroform	5.089	83	69366	4.613	ug/L	99

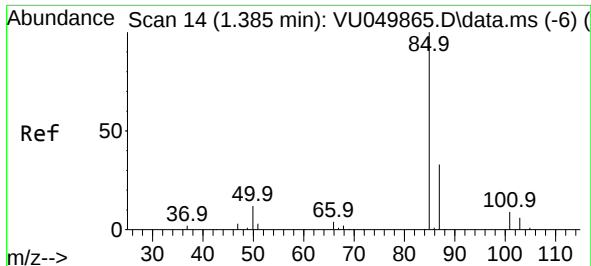
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	46578	4.510	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	54366	4.645	ug/L	99
30) Cyclohexane	5.388	56	41030	4.330	ug/L	99
31) Carbon tetrachloride	5.526	117	43335	4.560	ug/L	97
33) Benzene	5.774	78	143950	4.758	ug/L	100
34) Trichloroethene	6.542	95	57210	7.800	ug/L	97
35) Methylcyclohexane	6.764	83	34918	3.860	ug/L	99
37) 1,2-Dichloropropane	6.793	63	40295	4.673	ug/L	100
38) Bromodichloromethane	7.105	83	50017	4.643	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	49853	4.388	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	279420	46.463	ug/L	100
42) Toluene	7.970	91	139945	4.625	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	43695	4.455	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	27992	4.549	ug/L	100
47) Tetrachloroethene	8.555	164	23547	4.664	ug/L	98
48) 2-Hexanone	8.687	43	217093	48.367	ug/L	98
49) Dibromochloromethane	8.809	129	31968	4.648	ug/L	94
50) 1,2-Dibromoethane	8.925	107	25719	4.707	ug/L #	99
51) Chlorobenzene	9.446	112	85225	4.437	ug/L	99
52) Ethylbenzene	9.571	91	134789	4.333	ug/L	99
53) m,p-Xylene	9.693	106	49896	4.360	ug/L	97
54) o-Xylene	10.102	106	50713	4.484	ug/L	97
55) Styrene	10.115	104	86152	4.498	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	37611	4.732	ug/L	98
59) Bromoform	10.291	173	17910	4.953	ug/L	98
60) Isopropylbenzene	10.484	105	127794	4.650	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	27140	4.903	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	102710	4.422	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	101009	4.481	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	61320	4.512	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	59166	4.401	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	61781	4.602	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	6109	4.933	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	40789	4.065	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	33065	3.925	ug/L	97
71) Naphthalene	14.089	128	60492	3.683	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	33039	4.081	ug/L	97

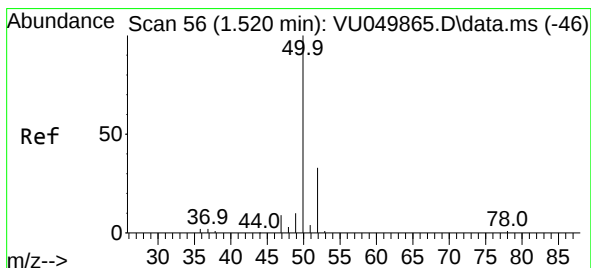
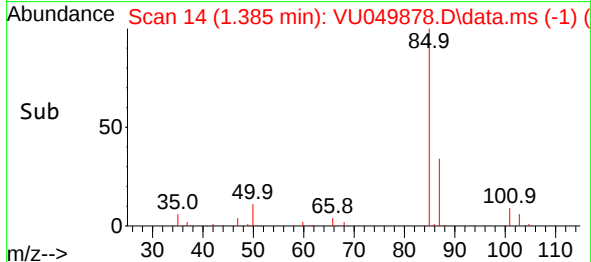
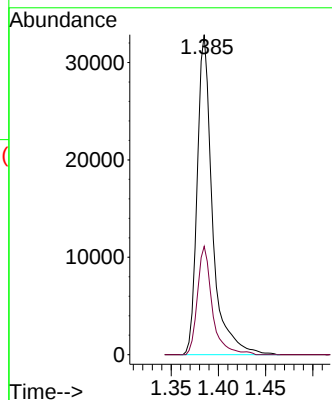
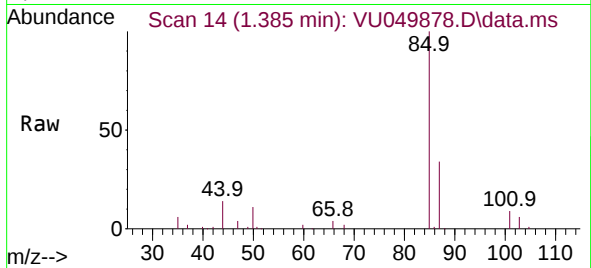
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#2
Dichlorodifluoromethane
Concen: 4.058 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

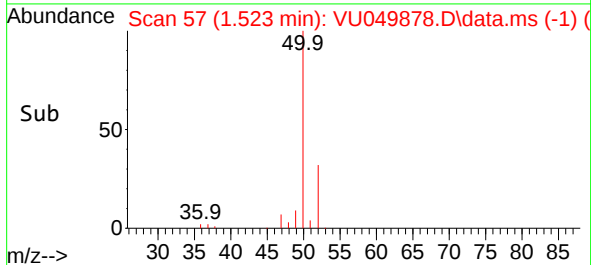
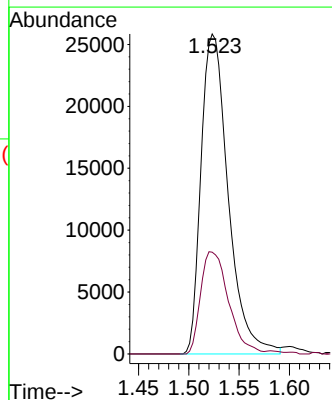
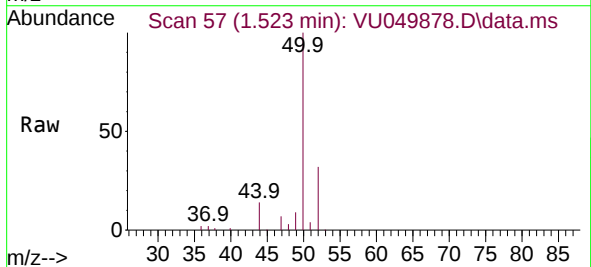
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

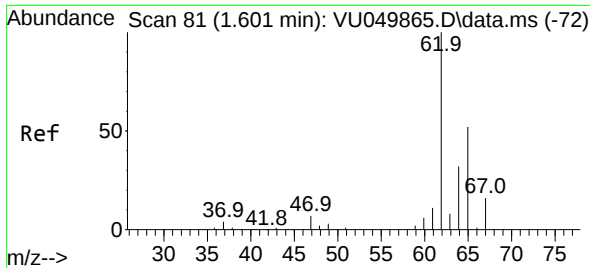
Tgt Ion: 85 Resp: 36778
Ion Ratio Lower Upper
85 100
87 33.0 25.4 38.2



#3
Chloromethane
Concen: 4.359 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 50 Resp: 48618
Ion Ratio Lower Upper
50 100
52 31.8 22.5 41.7

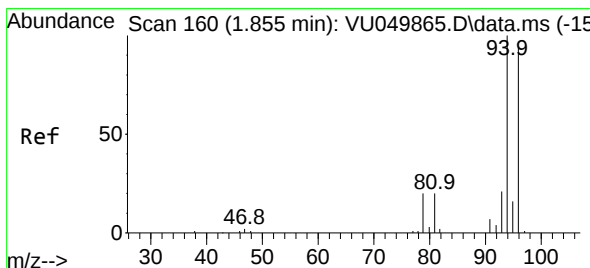
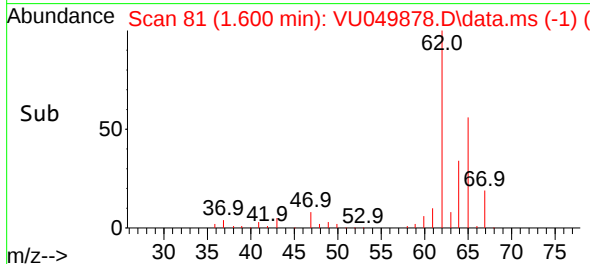
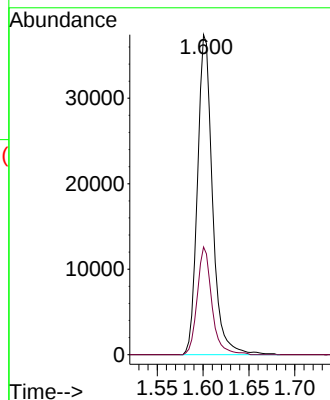
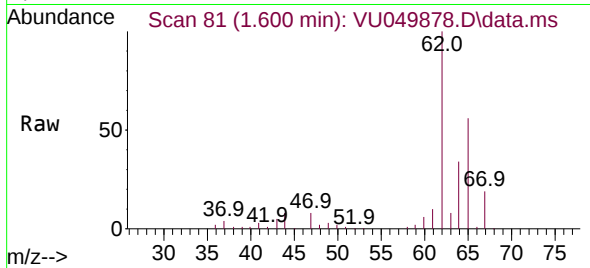




#5
 Vinyl chloride
 Concen: 4.575 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049878.D
 Acq: 25 Jul 2022 19:44

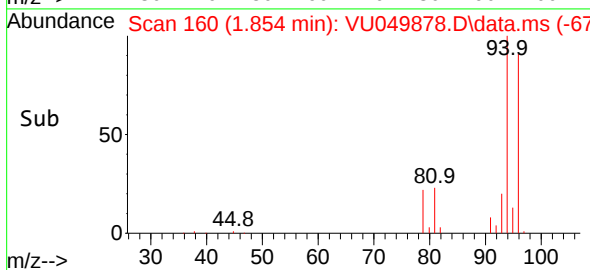
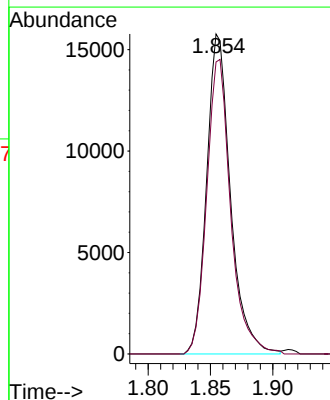
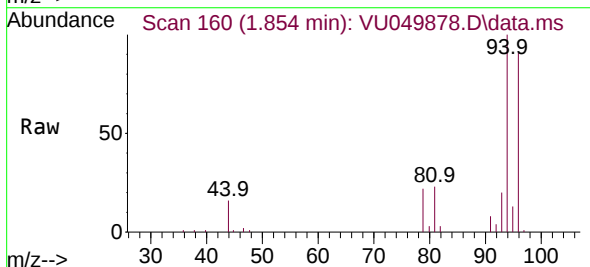
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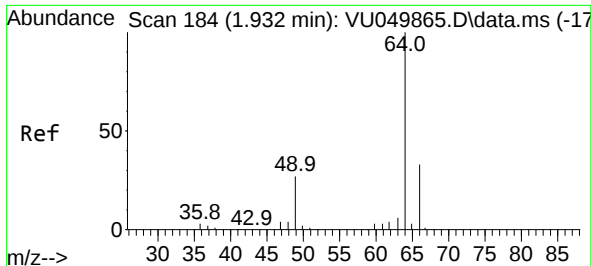
Tgt Ion: 62 Resp: 42662
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.7 42.3



#6
 Bromomethane
 Concen: 4.172 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU049878.D
 Acq: 25 Jul 2022 19:44

Tgt Ion: 94 Resp: 21037
 Ion Ratio Lower Upper
 94 100
 96 91.3 62.6 116.3

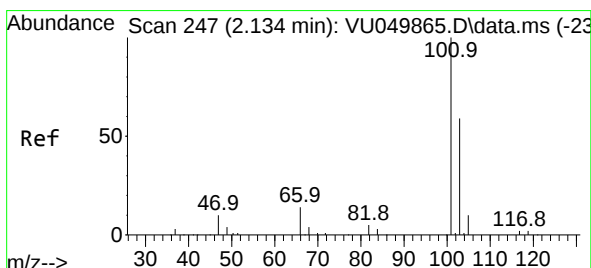
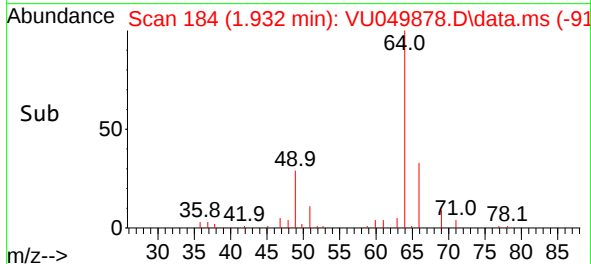
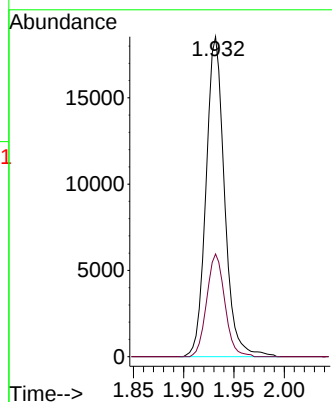
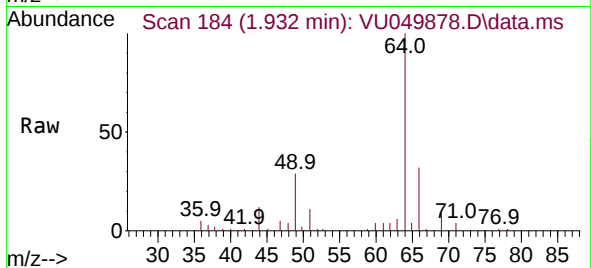




#8
Chloroethane
Concen: 4.406 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

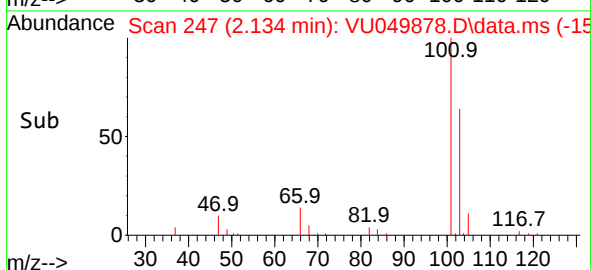
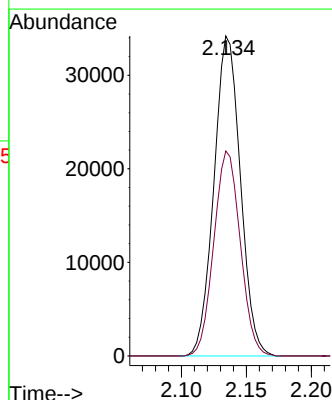
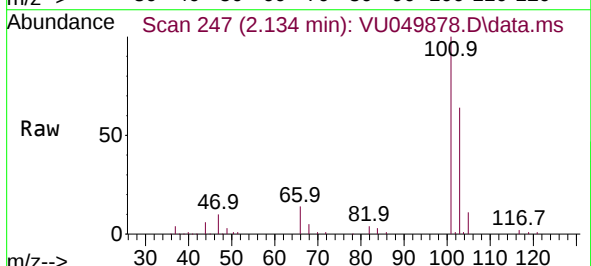
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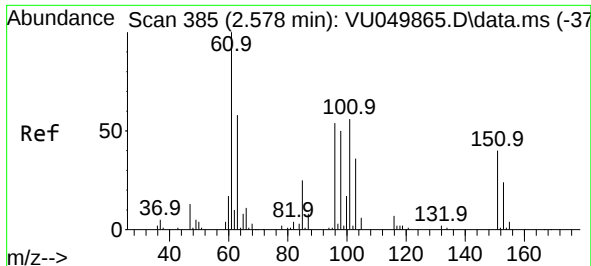
Tgt Ion: 64 Resp: 23674
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 4.229 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 101 Resp: 48484
Ion Ratio Lower Upper
101 100
103 63.8 50.8 76.2

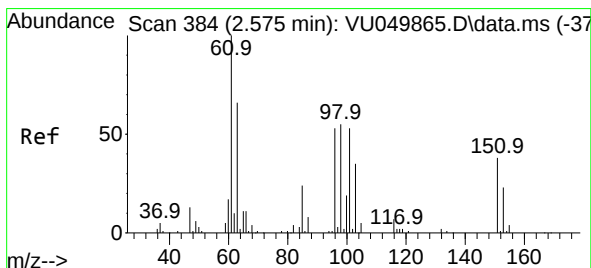
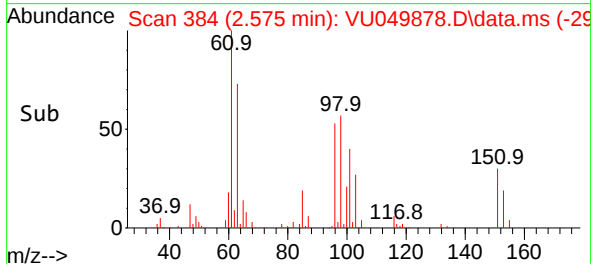
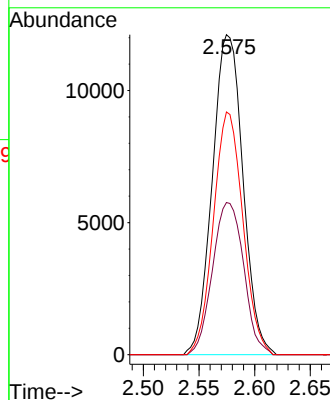
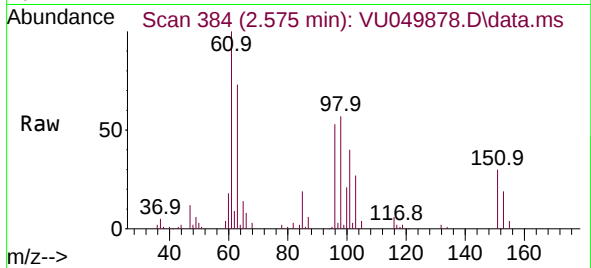




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.133 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049878.D
 Acq: 25 Jul 2022 19:44

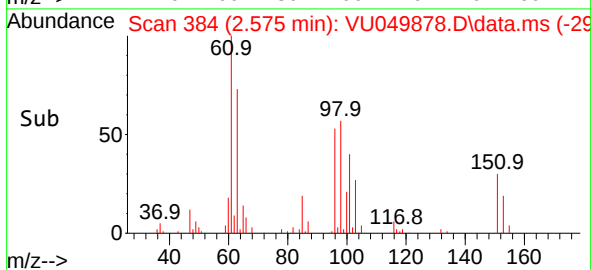
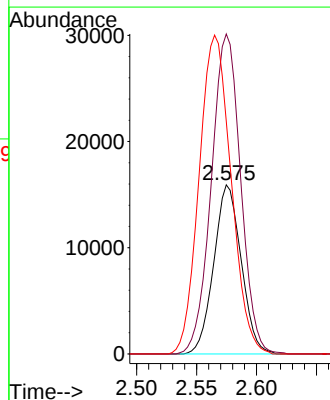
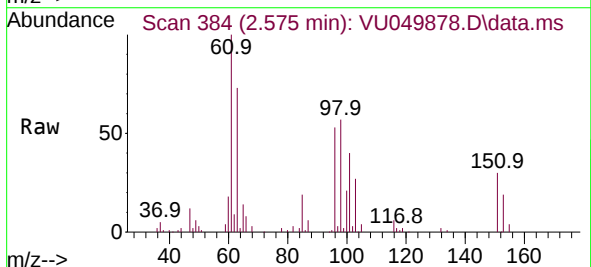
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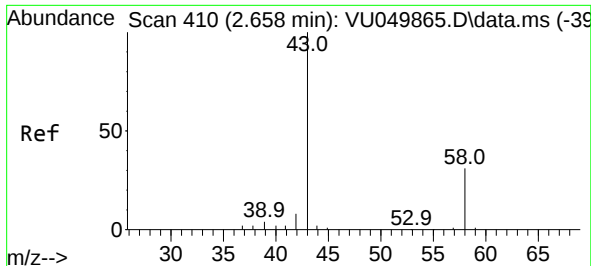
Tgt Ion: 101 Resp: 23171
 Ion Ratio Lower Upper
 101 100
 85 48.3 37.2 55.8
 151 73.0 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.451 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU049878.D
 Acq: 25 Jul 2022 19:44

Tgt Ion: 96 Resp: 25252
 Ion Ratio Lower Upper
 96 100
 61 189.1 131.6 244.4
 63 137.5 100.0 185.6





#13

Acetone

Concen: 49.490 ug/L

RT: 2.649 min Scan# 410

Delta R.T. -0.010 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

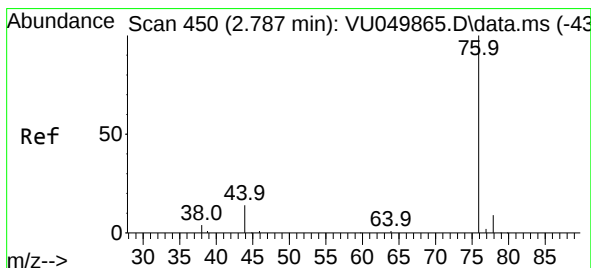
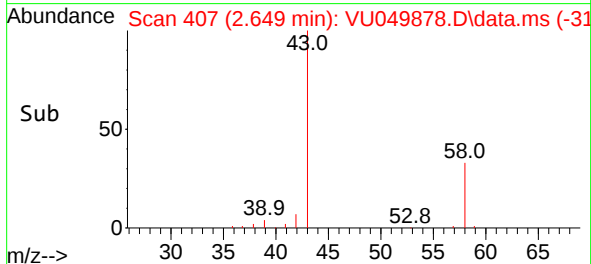
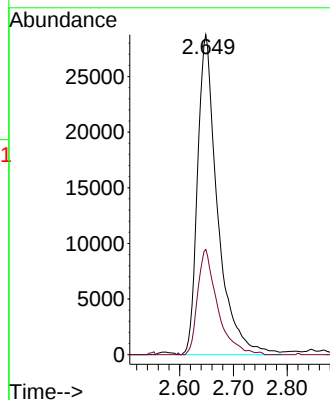
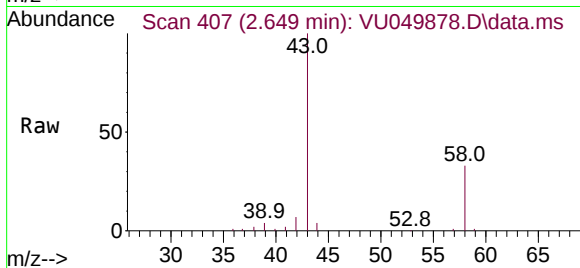
DBUF3MS

Tgt Ion: 43 Resp: 74450

Ion Ratio Lower Upper

43 100

58 32.4 0.0 61.0



#14

Carbon disulfide

Concen: 4.508 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU049878.D

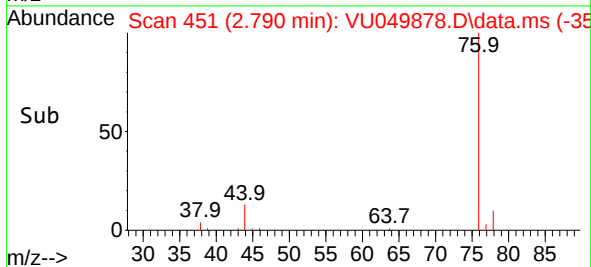
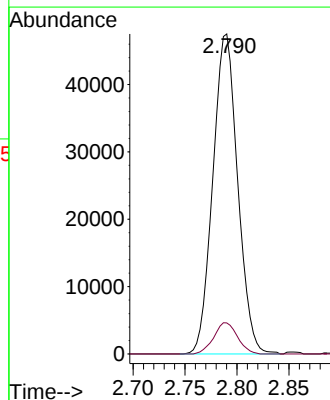
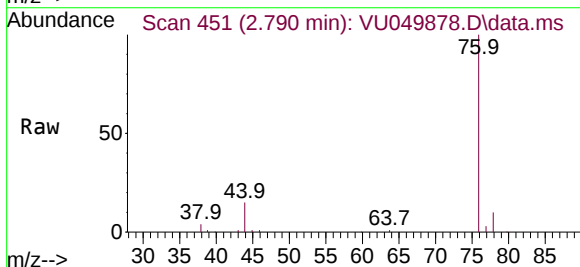
Acq: 25 Jul 2022 19:44

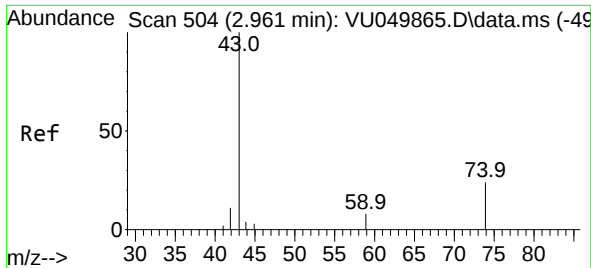
Tgt Ion: 76 Resp: 79128

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

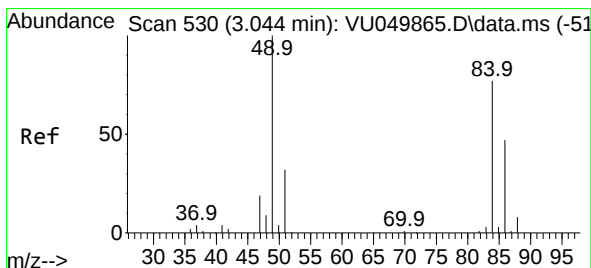
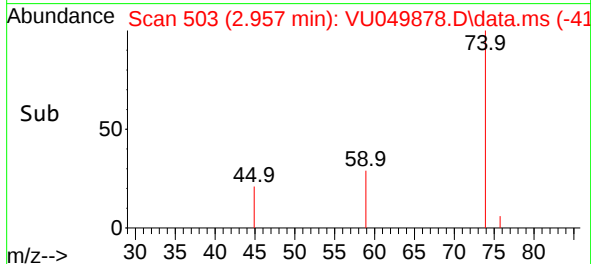
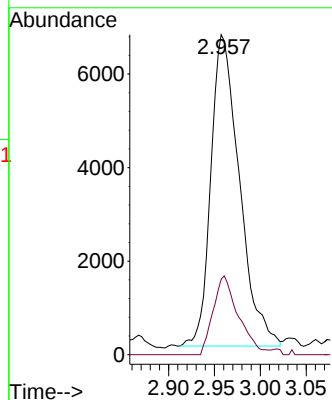
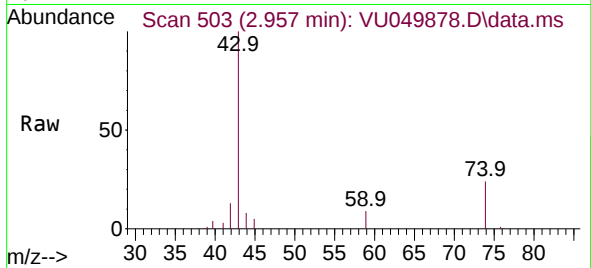




#15
Methyl Acetate
Concen: 3.844 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

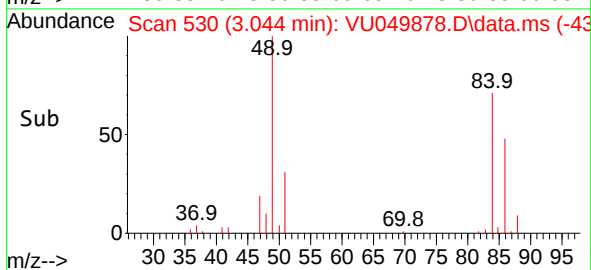
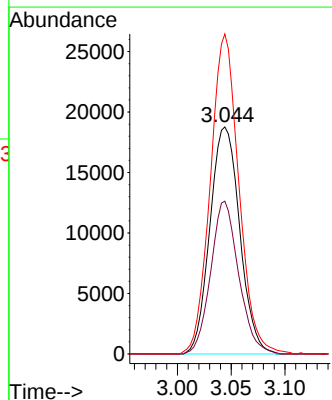
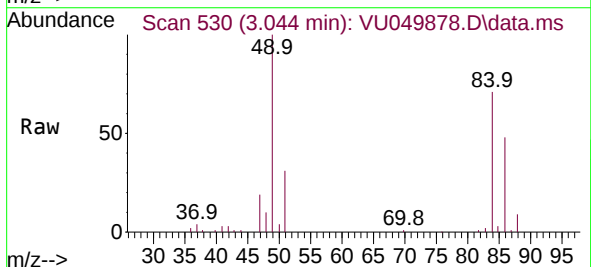
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

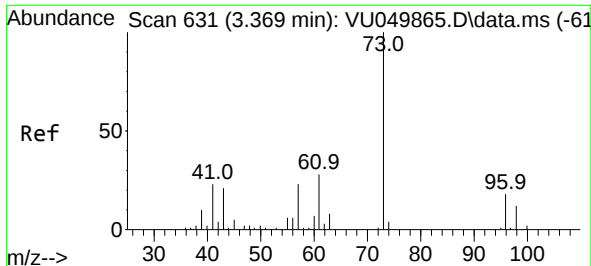
Tgt Ion: 43 Resp: 14417
Ion Ratio Lower Upper
43 100
74 22.4 17.1 25.7



#16
Methylene chloride
Concen: 2.824 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 84 Resp: 36142
Ion Ratio Lower Upper
84 100
86 67.3 45.5 84.5
49 141.0 94.1 174.8

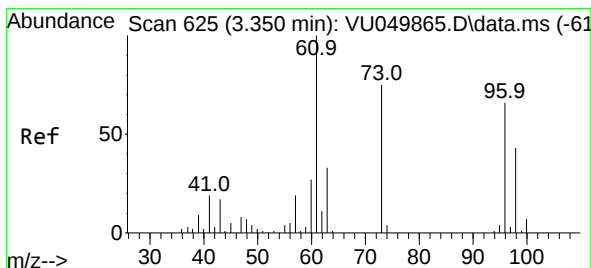
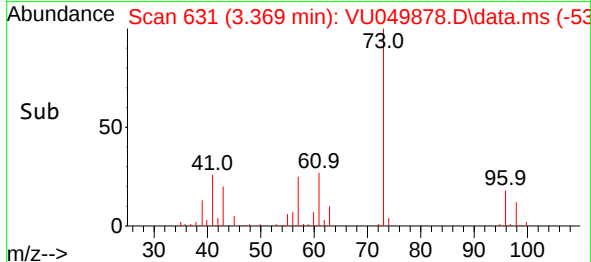
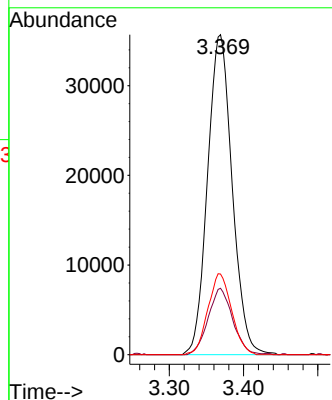
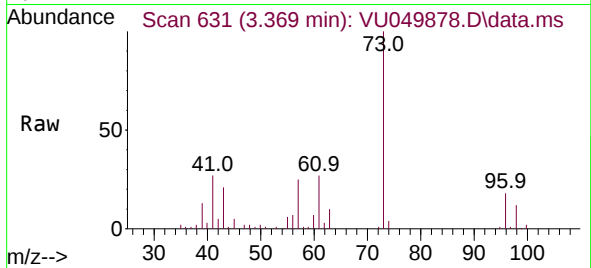




#17
Methyl tert-butyl Ether
Concen: 4.472 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

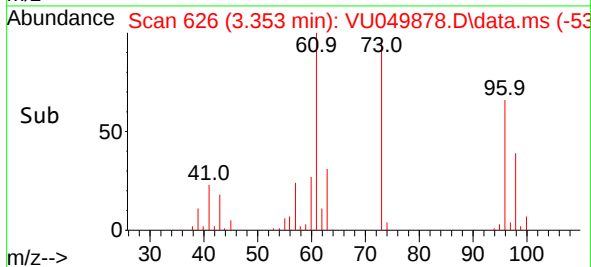
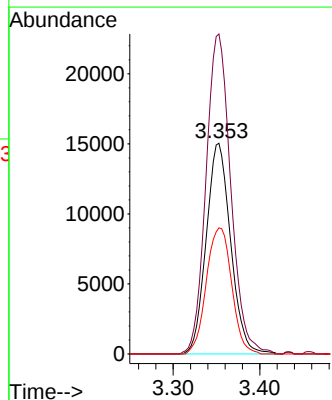
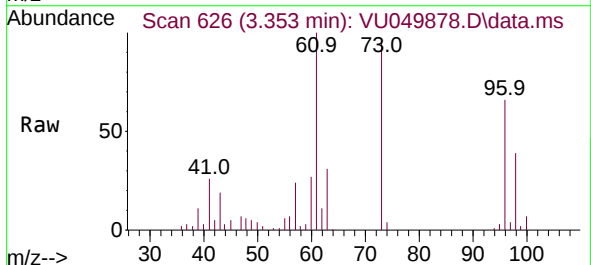
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

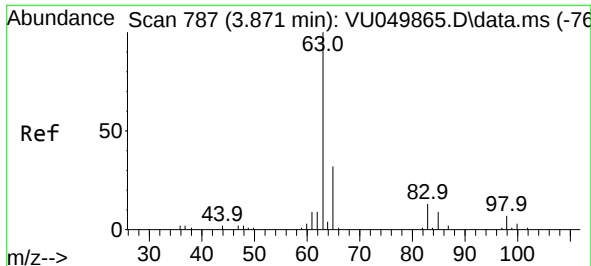
Tgt Ion: 73 Resp: 82190
Ion Ratio Lower Upper
73 100
43 20.6 17.4 26.2
57 24.4 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 4.501 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 96 Resp: 29516
Ion Ratio Lower Upper
96 100
61 151.9 101.5 188.5
98 59.9 42.5 78.9

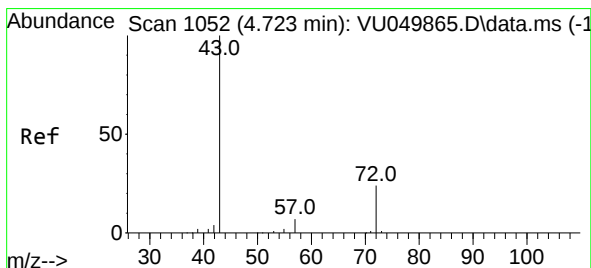
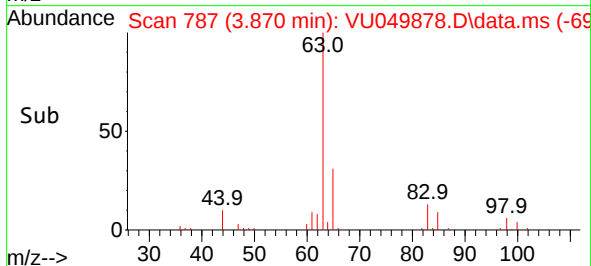
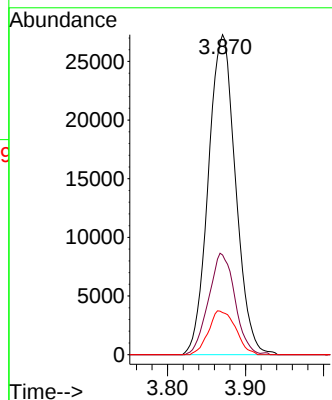
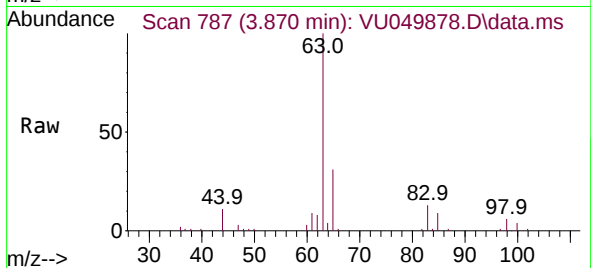




#19
1,1-Dichloroethane
Concen: 4.673 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

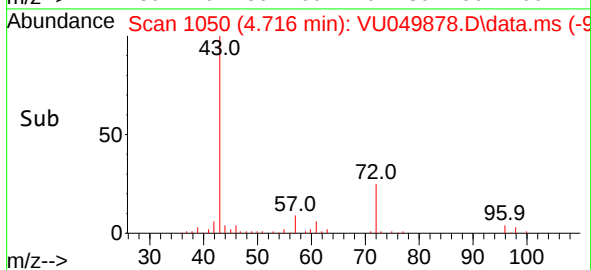
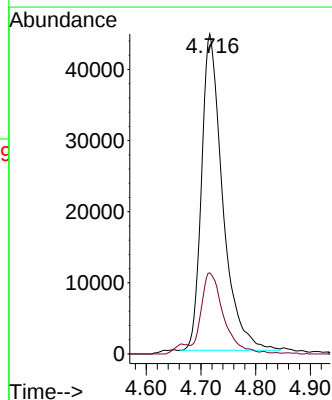
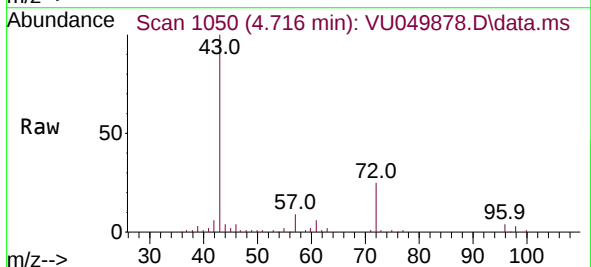
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

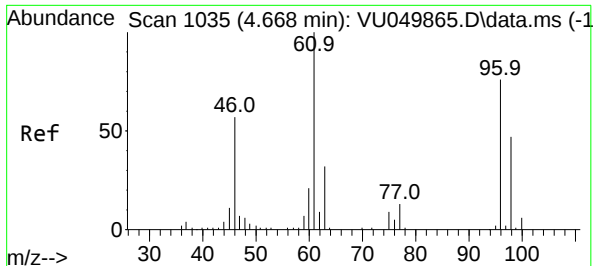
Tgt Ion: 63 Resp: 66237
Ion Ratio Lower Upper
63 100
65 31.1 22.5 41.9
83 13.1 8.3 15.5



#21
2-Butanone
Concen: 46.793 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.007 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 43 Resp: 119386
Ion Ratio Lower Upper
43 100
72 25.9 11.9 35.5





#22

cis-1,2-Dichloroethene

Concen: 32.399 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MS

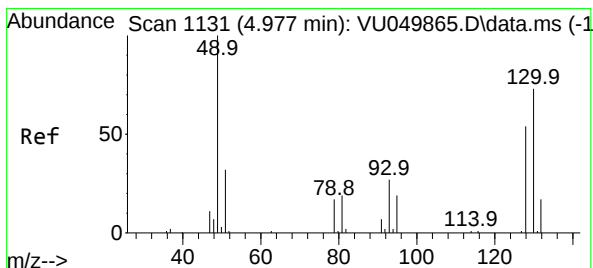
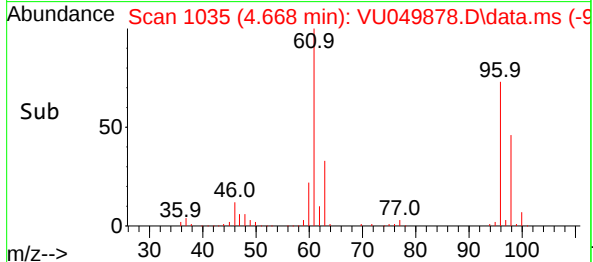
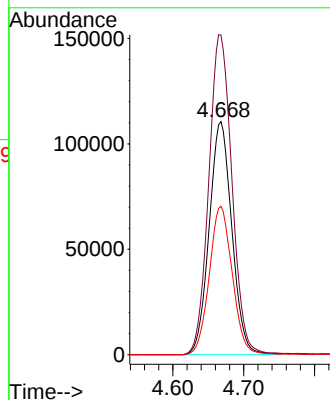
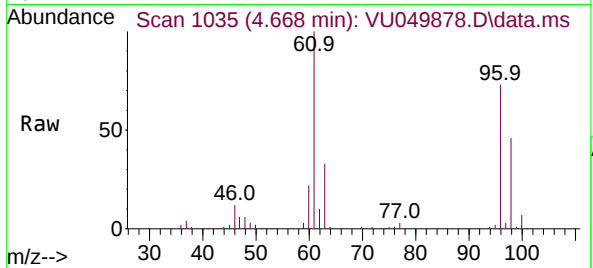
Tgt Ion: 96 Resp: 246089

Ion Ratio Lower Upper

96 100

61 137.1 93.9 174.3

98 63.6 43.9 81.5



#23

Bromochloromethane

Concen: 4.892 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

Tgt Ion: 128 Resp: 16598

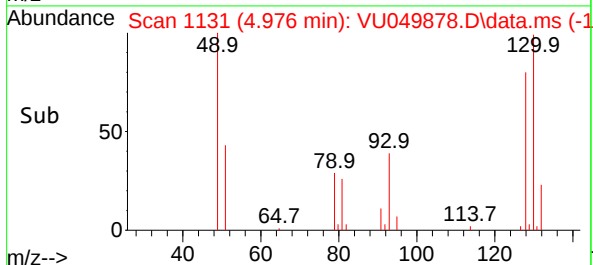
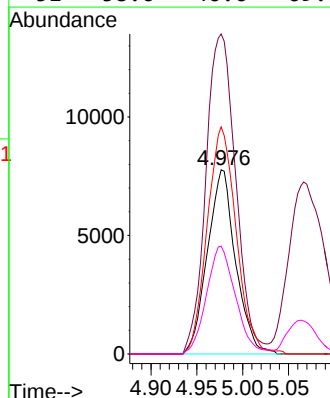
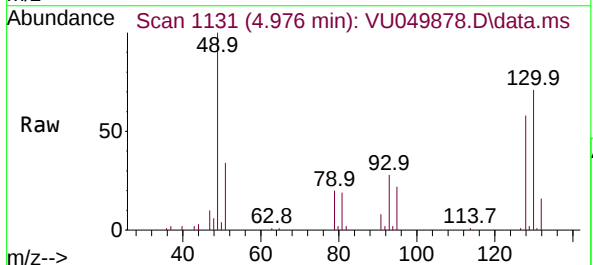
Ion Ratio Lower Upper

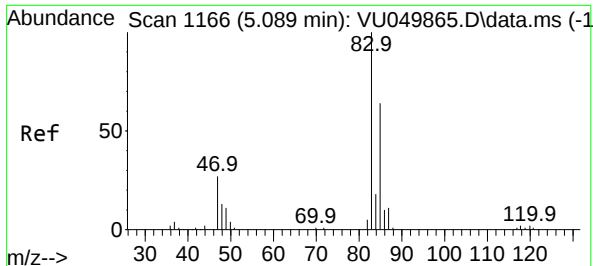
128 100

49 173.8 124.9 232.1

130 123.3 88.5 164.3

51 58.6 46.6 69.8





#25

Chloroform

Concen: 4.613 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

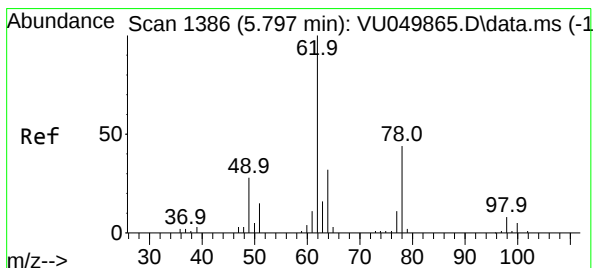
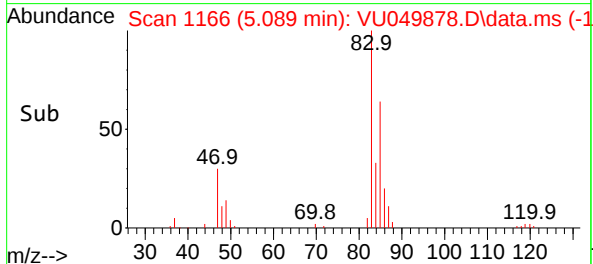
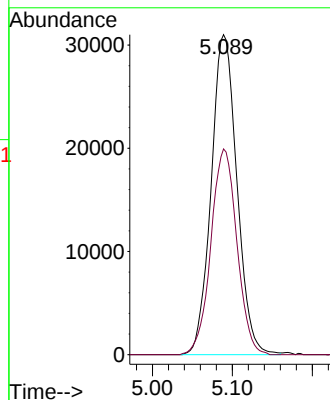
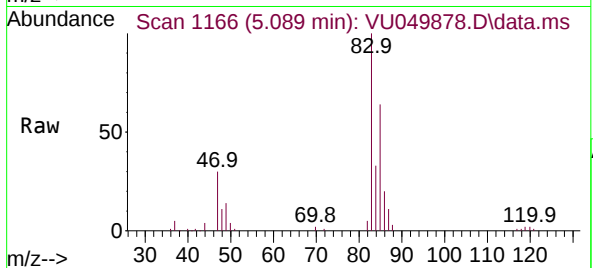
DBUF3MS

Tgt Ion: 83 Resp: 69366

Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.510 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049878.D

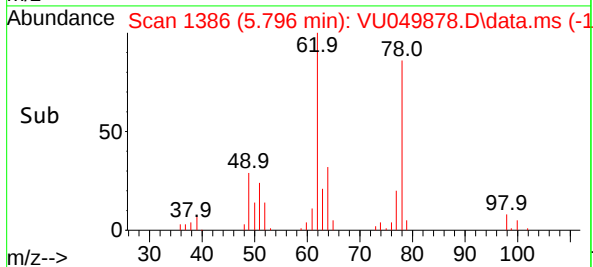
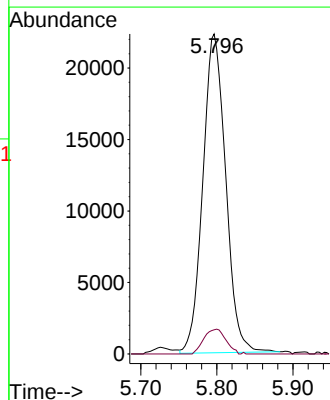
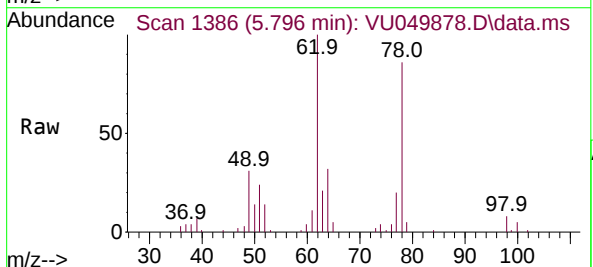
Acq: 25 Jul 2022 19:44

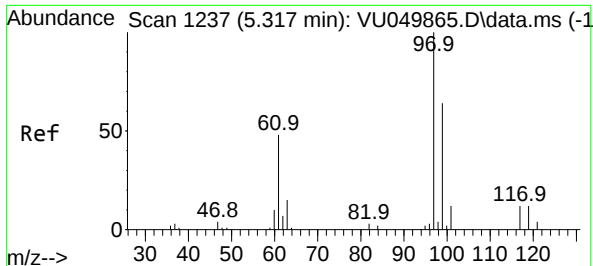
Tgt Ion: 62 Resp: 46578

Ion Ratio Lower Upper

62 100

98 7.6 5.9 8.9

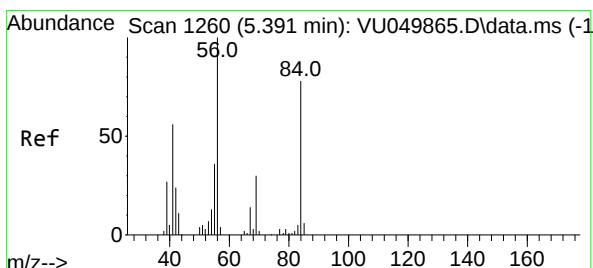
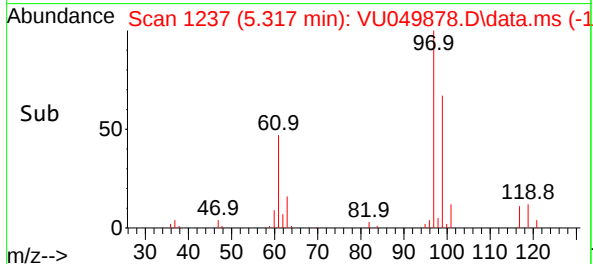
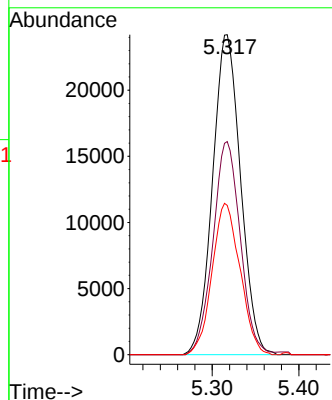
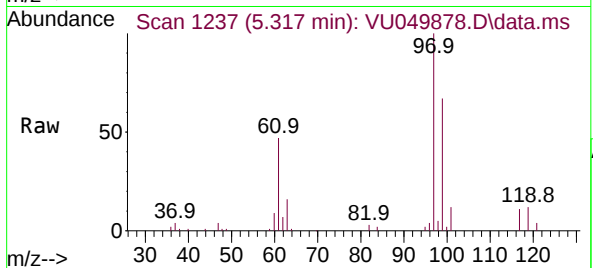




#29
1,1,1-Trichloroethane
Concen: 4.645 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

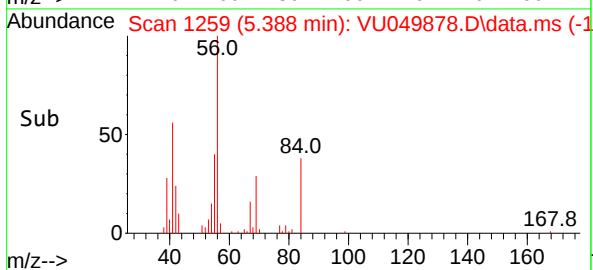
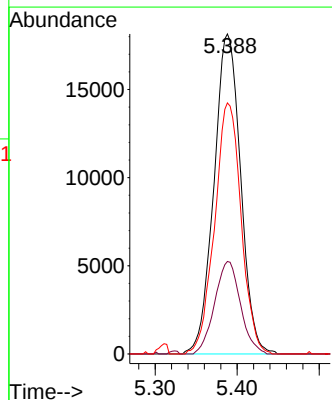
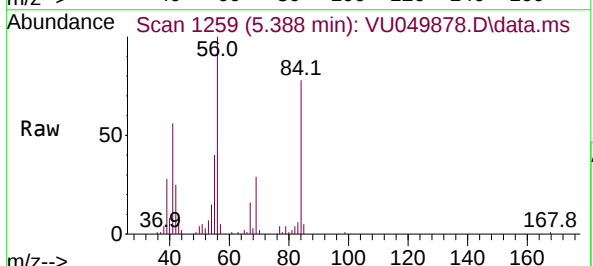
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

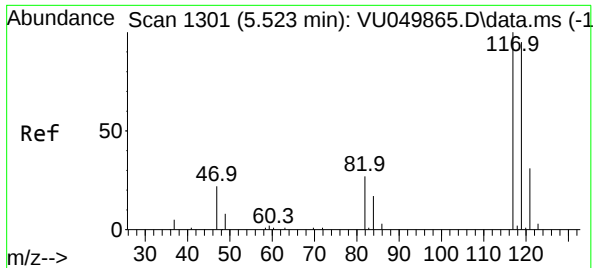
Tgt Ion:	97	Resp:	54366
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.8
61	47.3	38.3	57.5



#30
Cyclohexane
Concen: 4.330 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion:	56	Resp:	41030
Ion	Ratio	Lower	Upper
56	100		
69	28.0	22.8	34.2
84	77.9	63.0	94.6

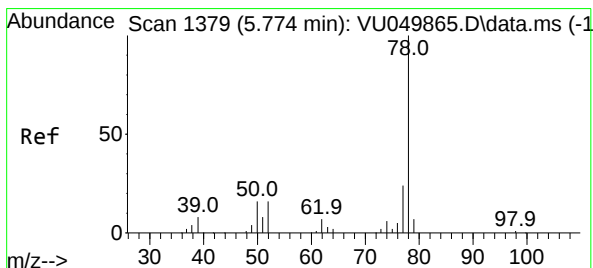
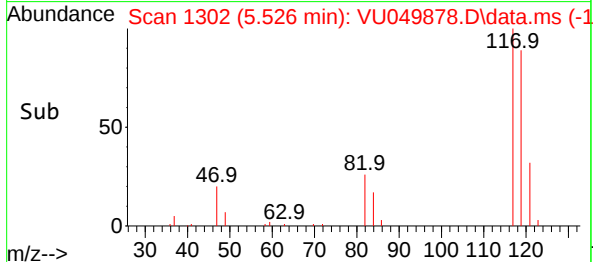
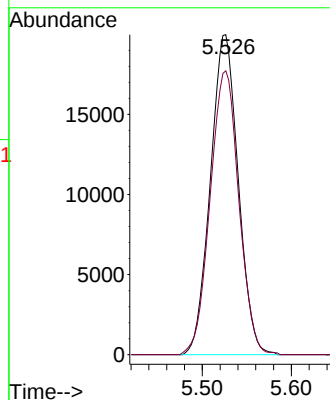
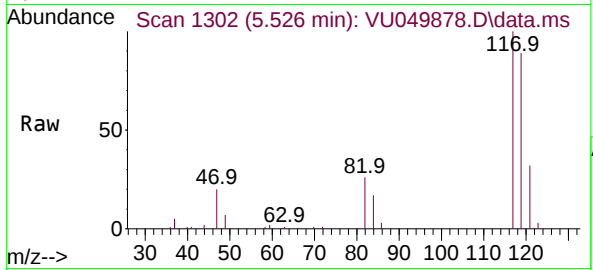




#31
Carbon tetrachloride
Concen: 4.560 ug/L
RT: 5.526 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

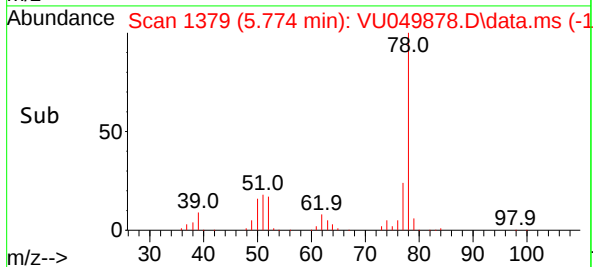
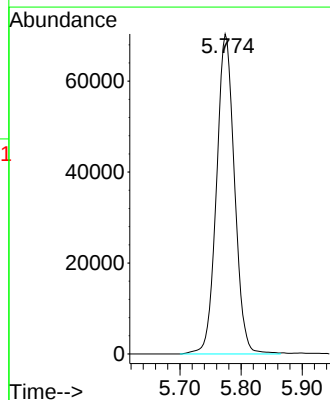
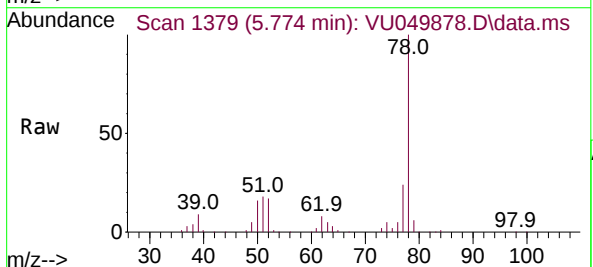
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

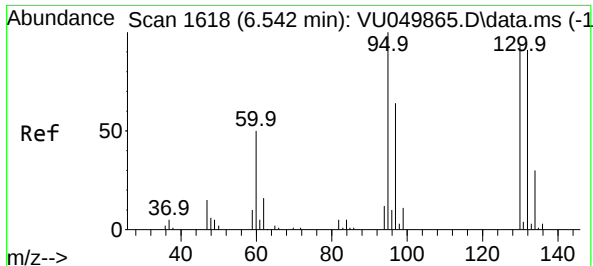
Tgt Ion:117 Resp: 43335
Ion Ratio Lower Upper
117 100
119 91.5 75.2 112.8



#33
Benzene
Concen: 4.758 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 78 Resp: 143950

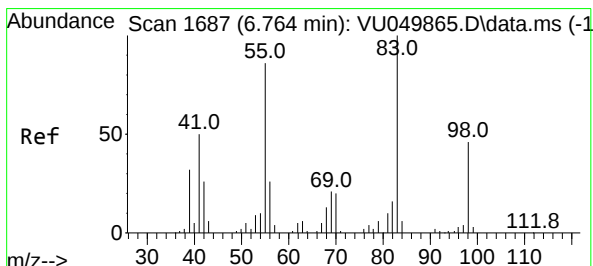
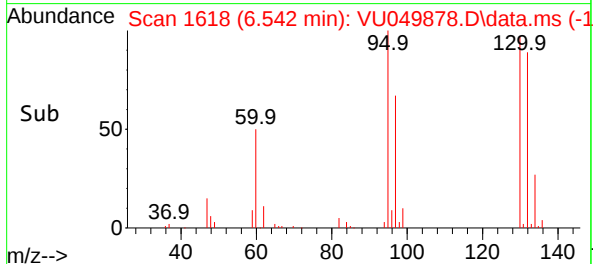
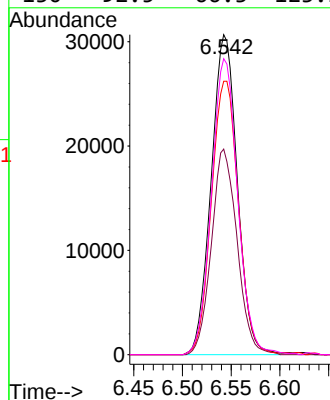
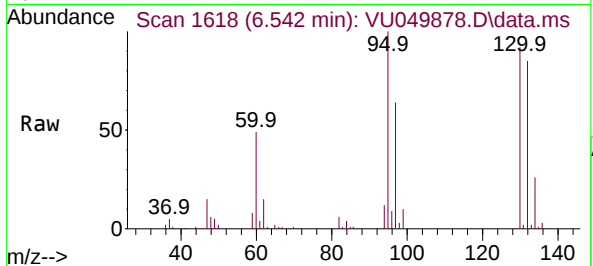




#34
Trichloroethene
Concen: 7.800 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

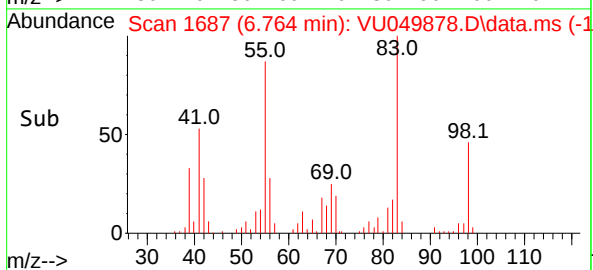
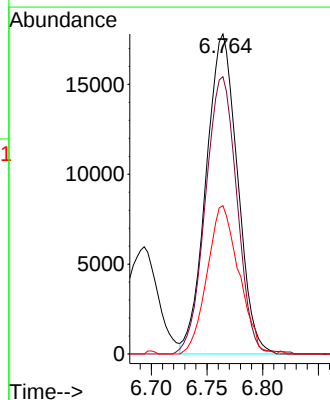
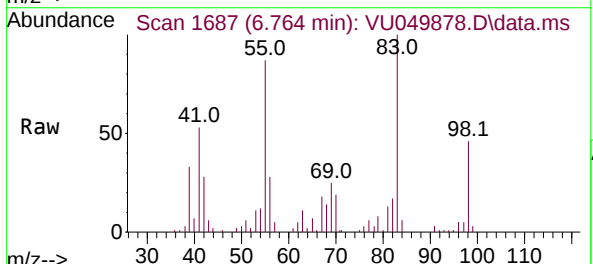
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

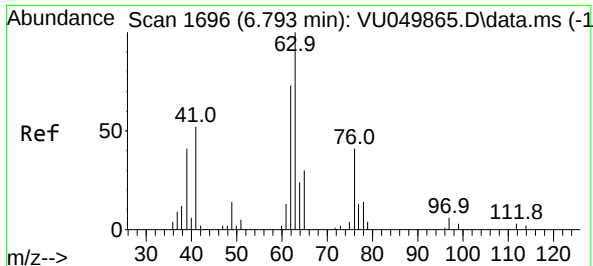
Tgt Ion: 95 Resp: 57210
Ion Ratio Lower Upper
95 100
97 64.3 46.8 86.8
132 85.4 61.8 114.8
130 92.5 66.3 123.1



#35
Methylcyclohexane
Concen: 3.860 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 83 Resp: 34918
Ion Ratio Lower Upper
83 100
55 87.0 69.0 103.4
98 46.9 36.4 54.6





#37

1,2-Dichloropropane

Concen: 4.673 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

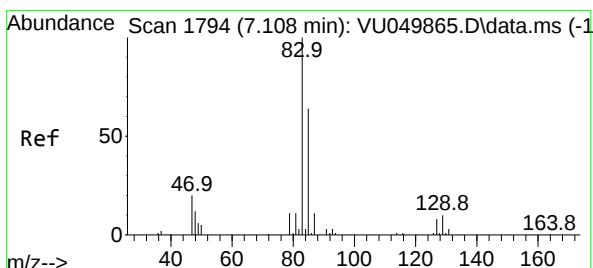
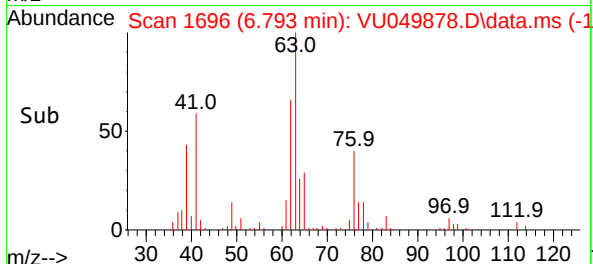
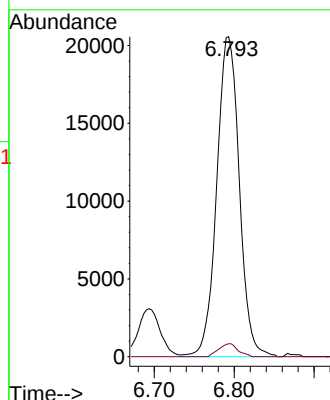
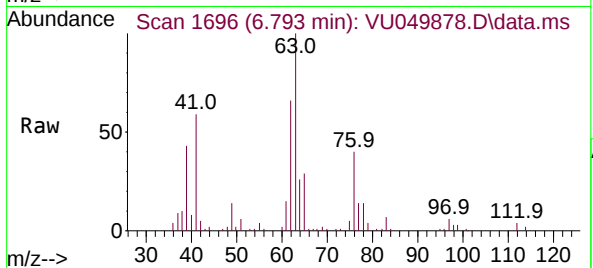
DBUF3MS

Tgt Ion: 63 Resp: 40295

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 4.643 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

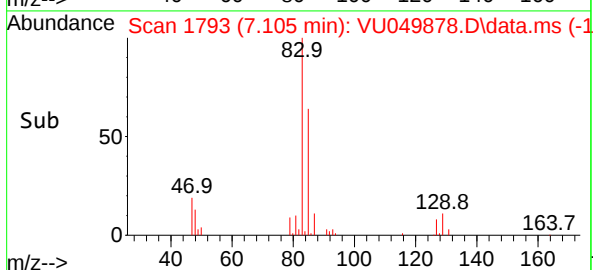
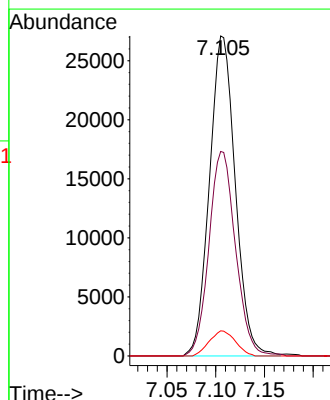
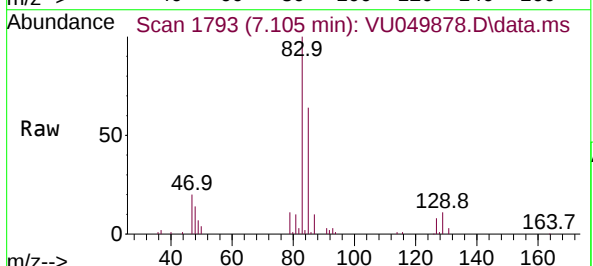
Tgt Ion: 83 Resp: 50017

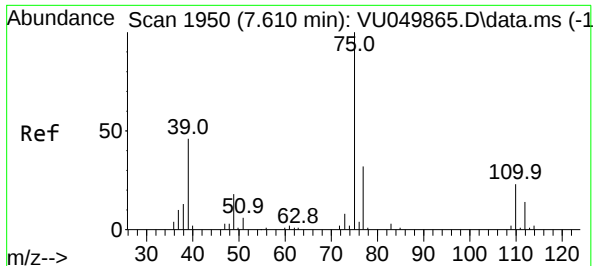
Ion Ratio Lower Upper

83 100

85 63.9 45.9 85.3

127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.388 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

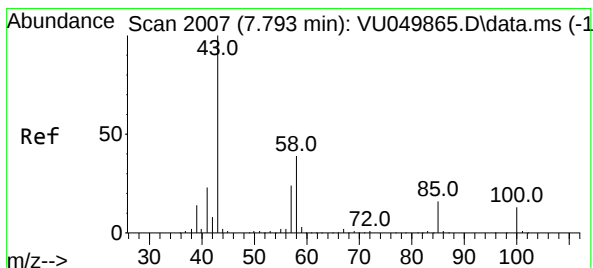
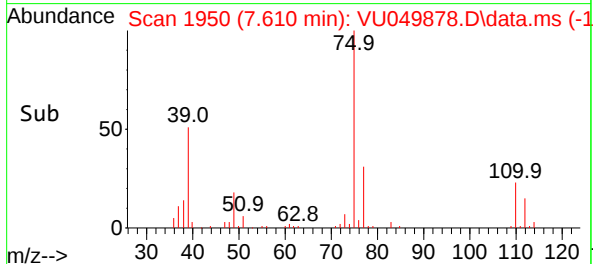
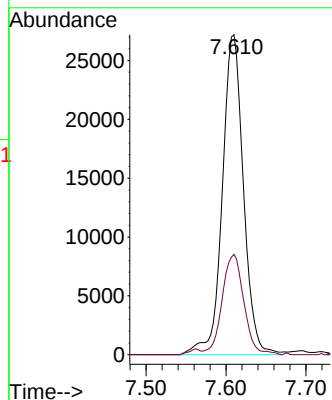
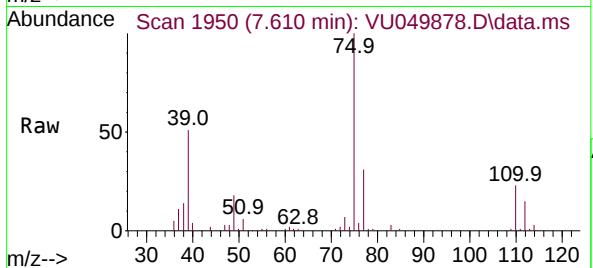
DBUF3MS

Tgt Ion: 75 Resp: 49853

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 46.463 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

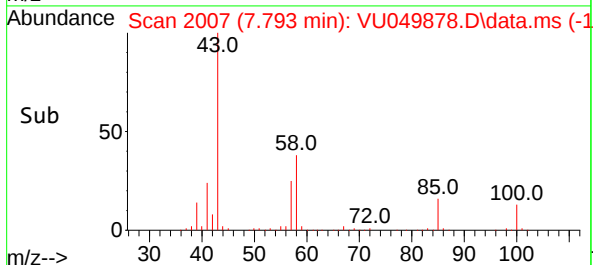
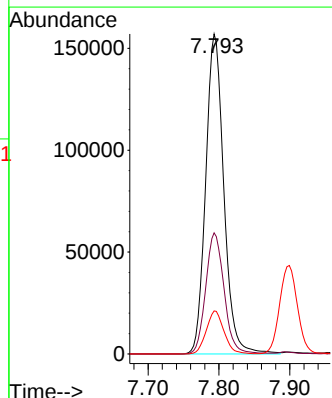
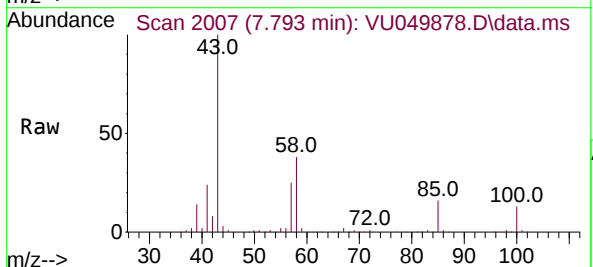
Tgt Ion: 43 Resp: 279420

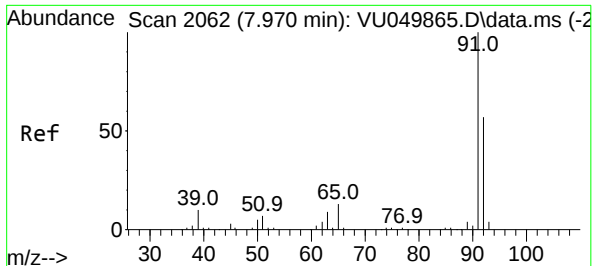
Ion Ratio Lower Upper

43 100

58 38.4 31.0 46.4

100 13.2 10.4 15.6





#42

Toluene

Concen: 4.625 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

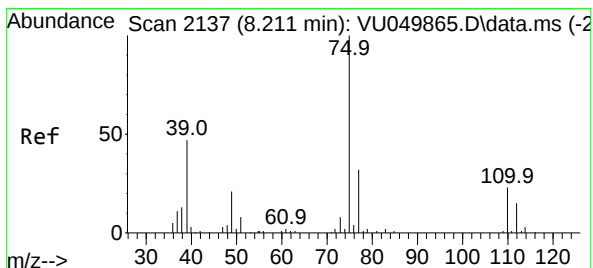
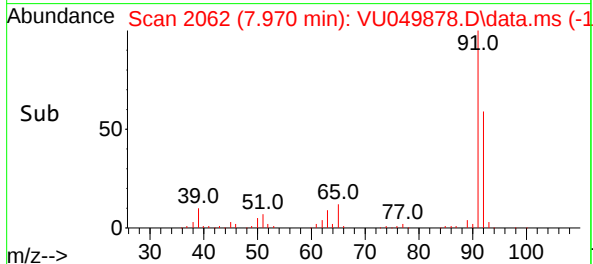
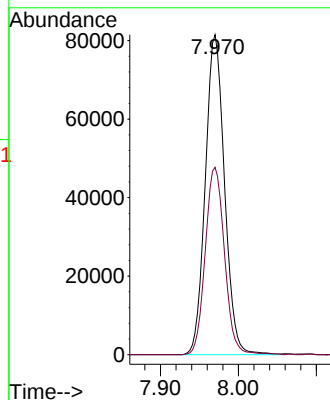
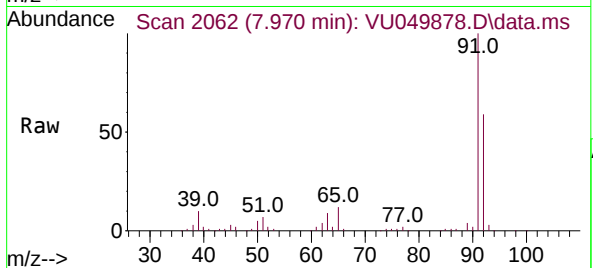
DBUF3MS

Tgt Ion: 91 Resp: 139945

Ion Ratio Lower Upper

91 100

92 58.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.455 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049878.D

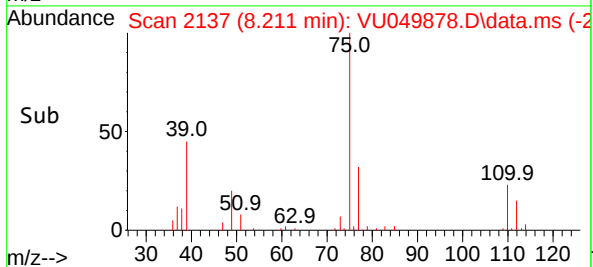
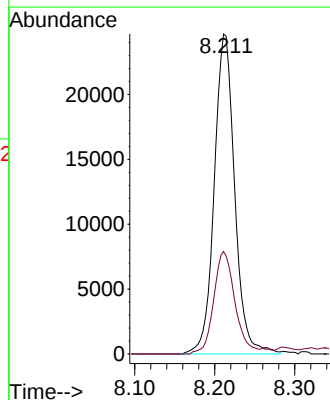
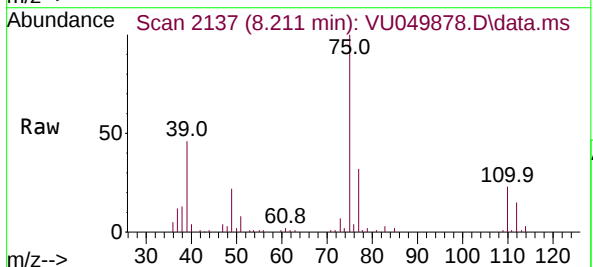
Acq: 25 Jul 2022 19:44

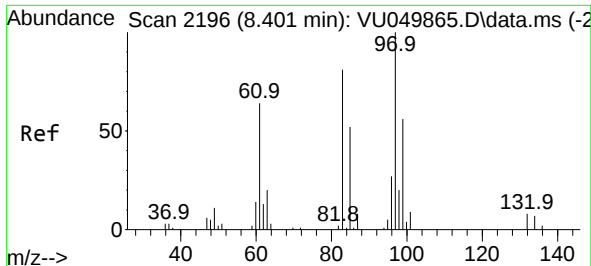
Tgt Ion: 75 Resp: 43695

Ion Ratio Lower Upper

75 100

77 32.0 21.2 39.4

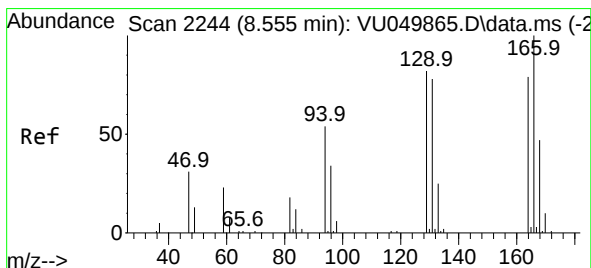
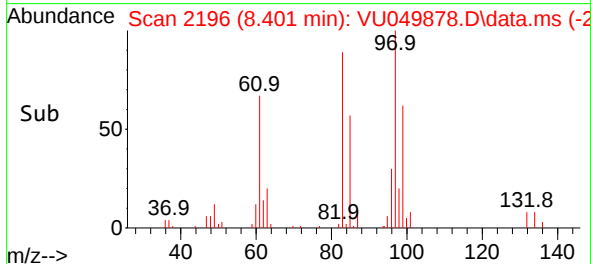
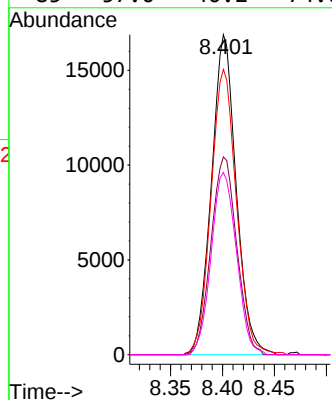
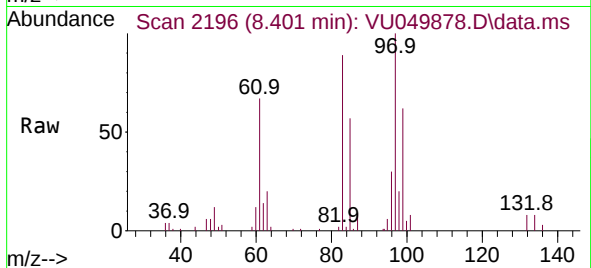




#45
1,1,2-Trichloroethane
Concen: 4.549 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

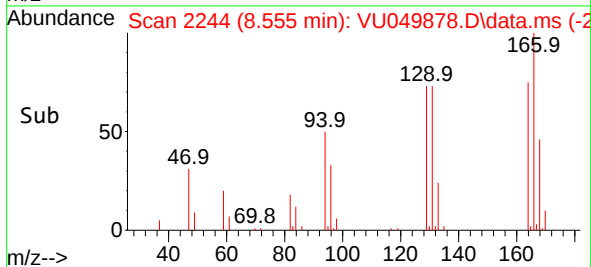
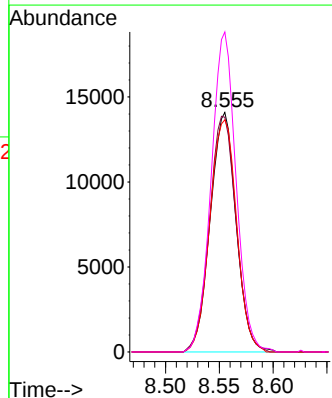
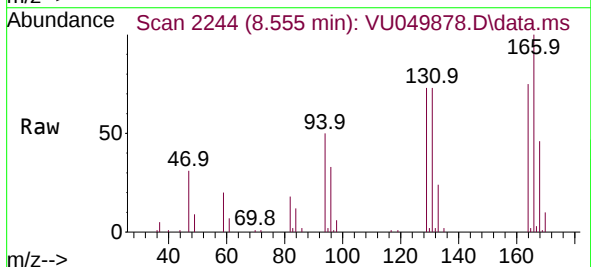
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

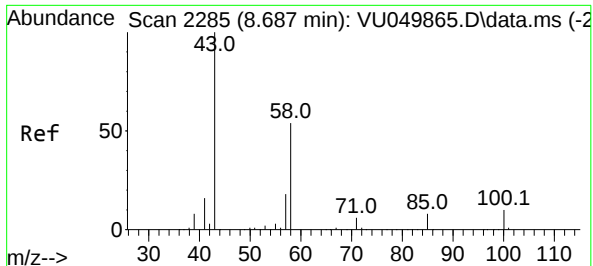
Tgt Ion:	97	Resp:	27992
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.3
83	89.2	62.4	115.8
85	57.0	40.2	74.6



#47
Tetrachloroethene
Concen: 4.664 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion:	164	Resp:	23547
Ion	Ratio	Lower	Upper
164	100		
129	98.0	68.9	127.9
131	96.9	67.5	125.4
166	133.6	89.2	165.8



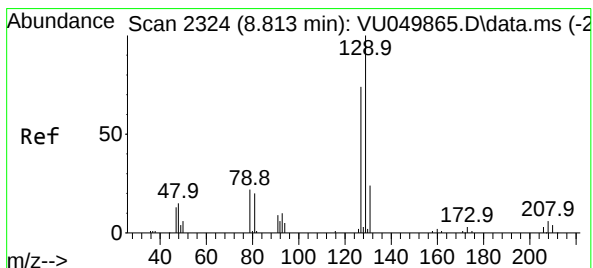
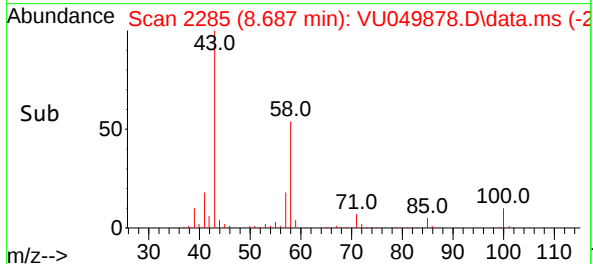
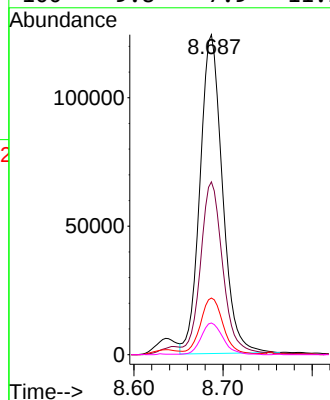
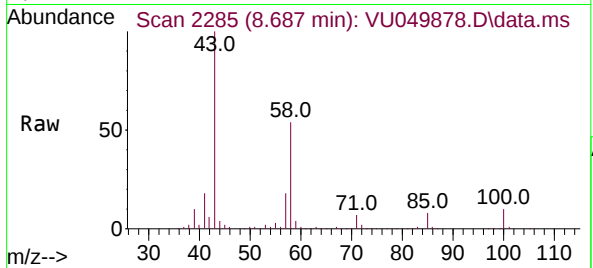


#48
2-Hexanone
Concen: 48.367 ug/L
RT: 8.687 min Scan# 217093
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

Tgt Ion: 43 Resp: 217093

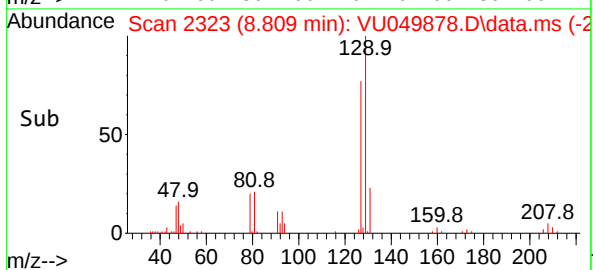
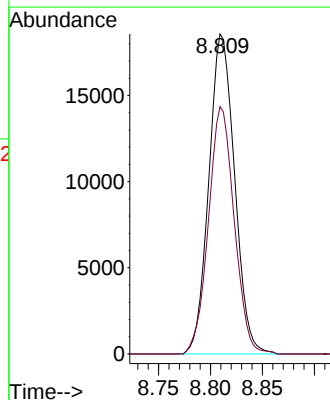
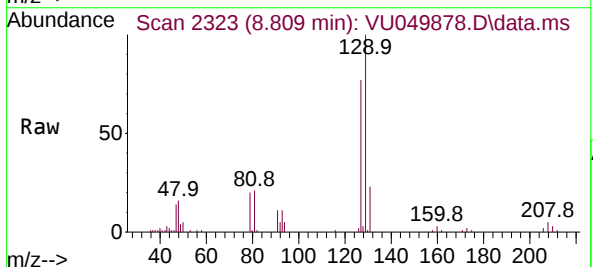
Ion	Ratio	Lower	Upper
43	100		
58	54.4	42.1	63.1
57	17.5	14.3	21.5
100	9.8	7.9	11.9

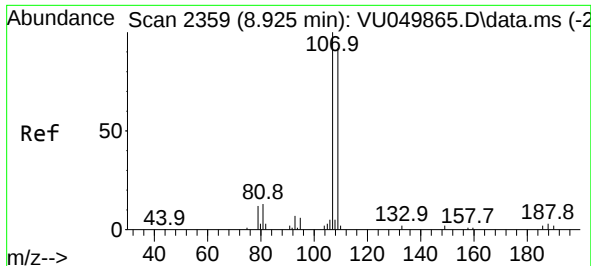


#49
Dibromochloromethane
Concen: 4.648 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 129 Resp: 31968

Ion	Ratio	Lower	Upper
129	100		
127	77.3	50.5	93.7

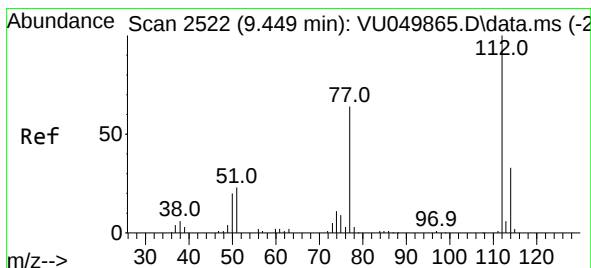
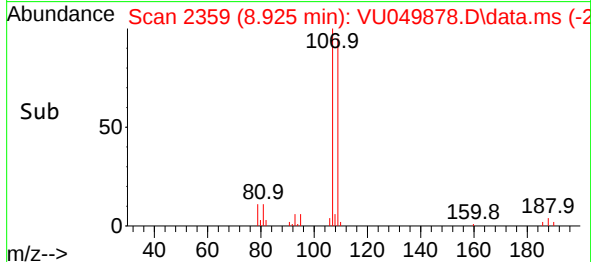
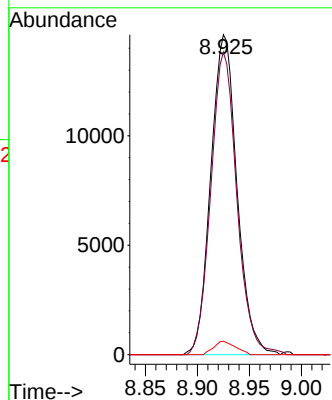
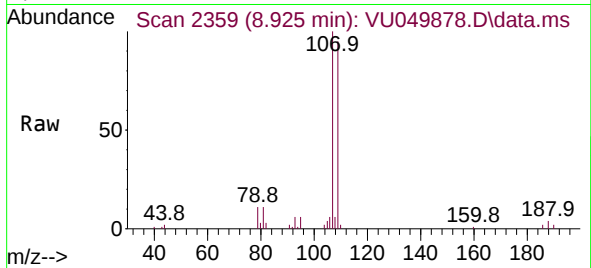




#50
1,2-Dibromoethane
Concen: 4.707 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

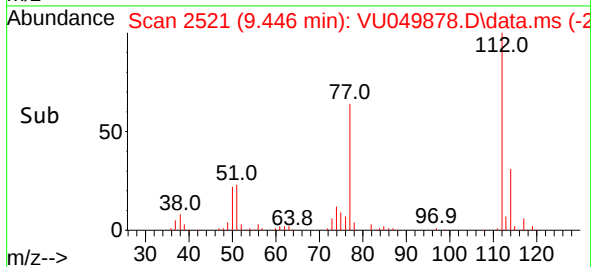
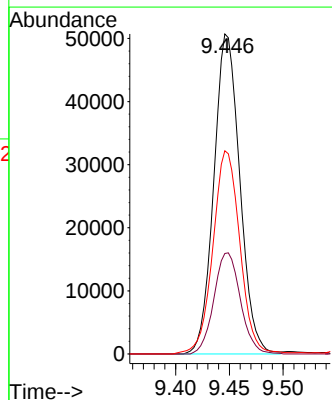
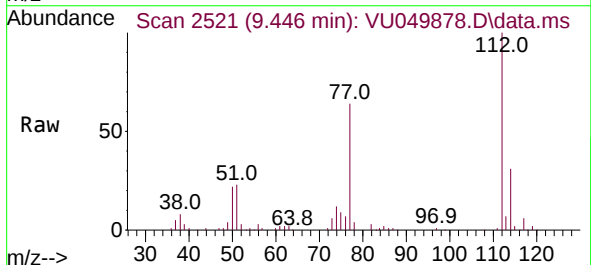
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

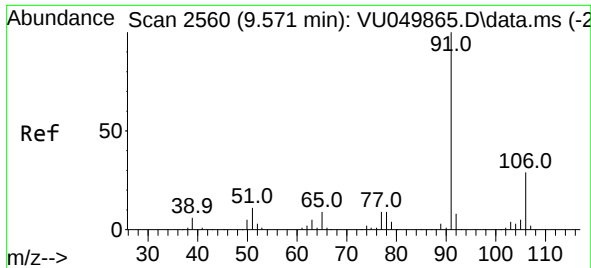
Tgt Ion:107 Resp: 25719
Ion Ratio Lower Upper
107 100
109 94.5 65.6 121.8
188 4.2 2.8 4.2#



#51
Chlorobenzene
Concen: 4.437 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion:112 Resp: 85225
Ion Ratio Lower Upper
112 100
114 31.4 22.4 41.6
77 63.5 51.2 76.8

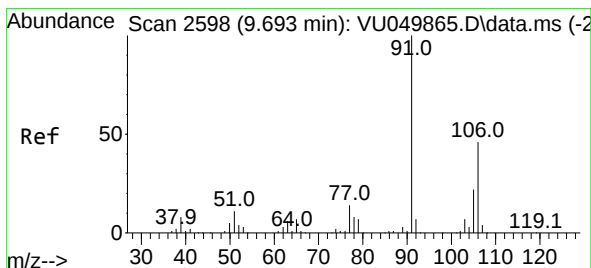
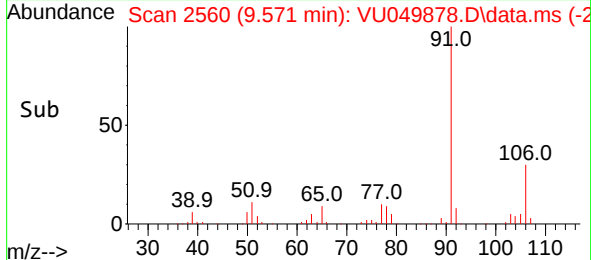
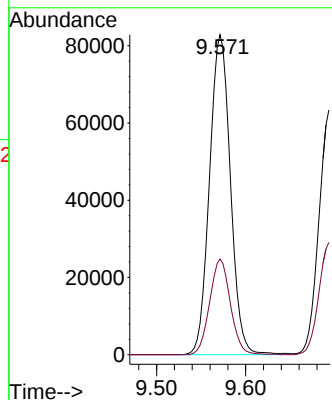
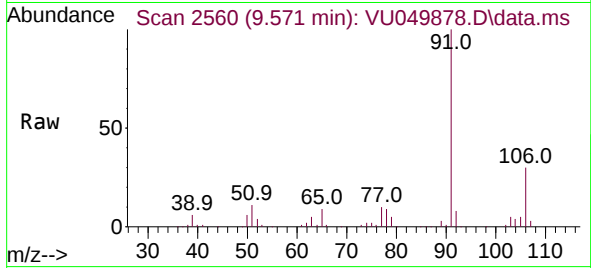




#52
Ethylbenzene
Concen: 4.333 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

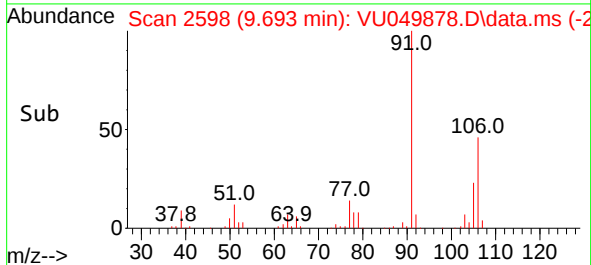
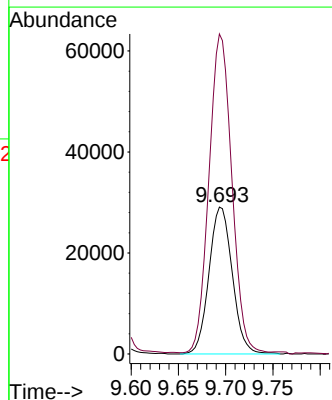
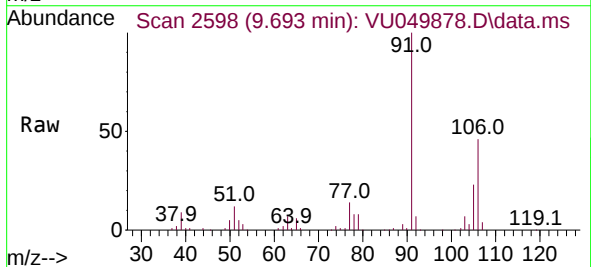
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

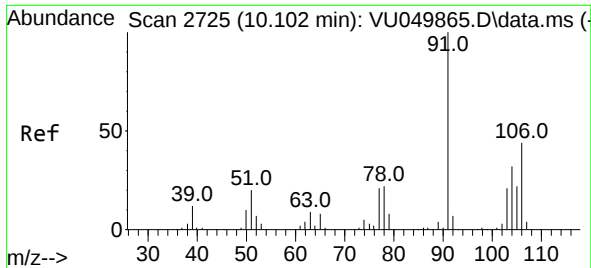
Tgt Ion: 91 Resp: 134789
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 4.360 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 106 Resp: 49896
Ion Ratio Lower Upper
106 100
91 218.0 149.7 277.9

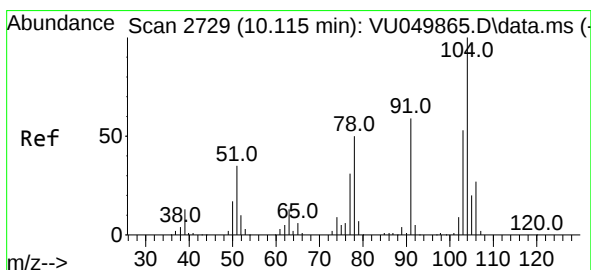
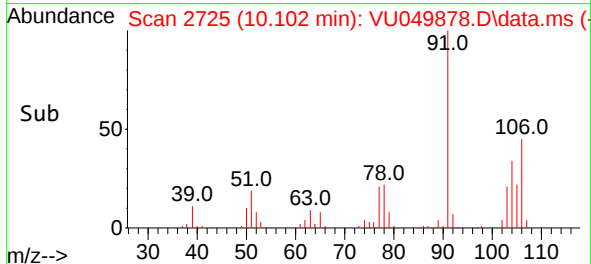
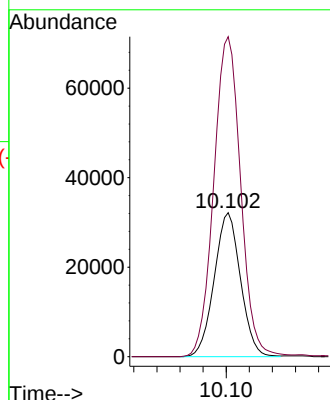
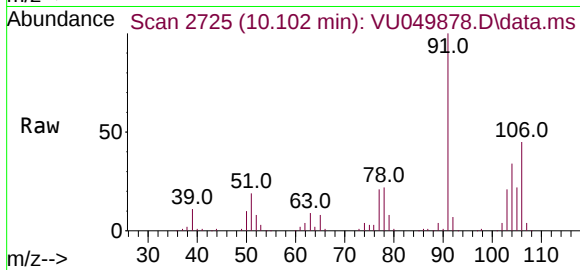




#54
o-Xylene
Concen: 4.484 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

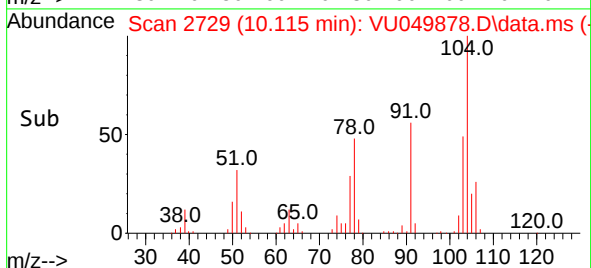
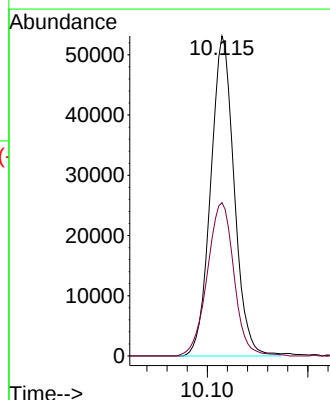
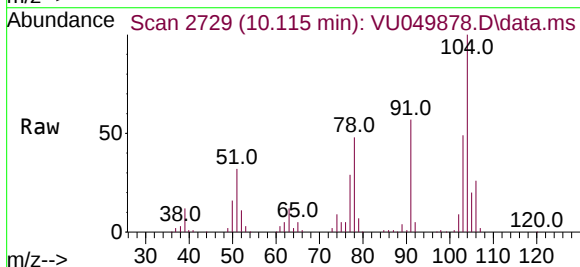
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

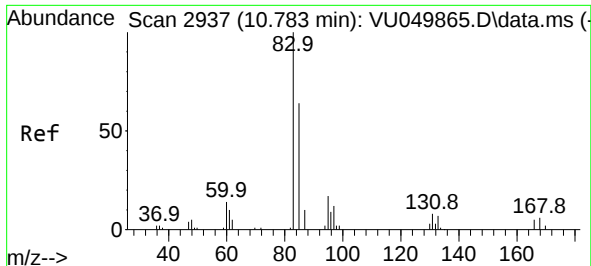
Tgt Ion:106 Resp: 50713
Ion Ratio Lower Upper
106 100
91 222.2 159.4 296.0



#55
Styrene
Concen: 4.498 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion:104 Resp: 86152
Ion Ratio Lower Upper
104 100
78 47.9 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.732 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MS

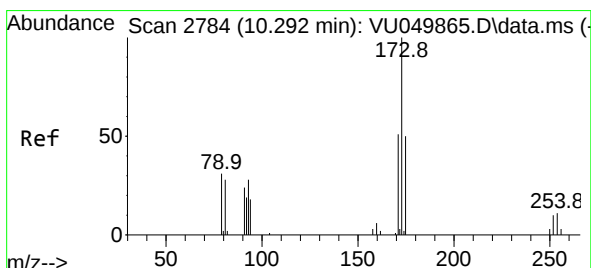
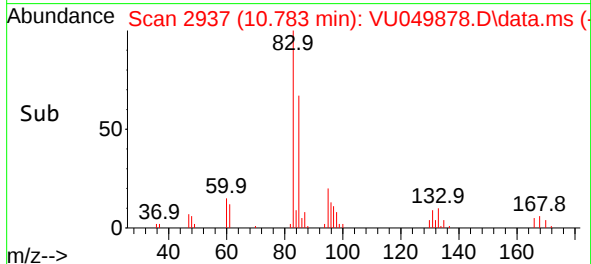
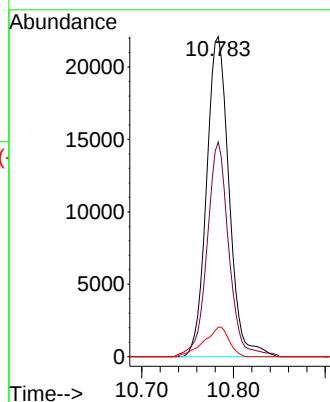
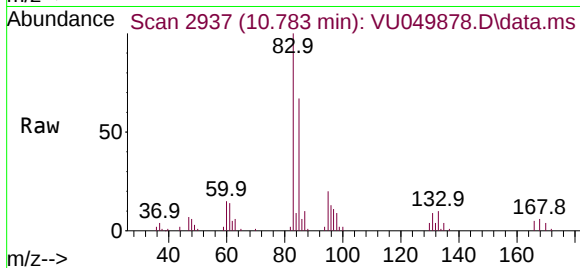
Tgt Ion: 83 Resp: 37611

Ion Ratio Lower Upper

83 100

85 67.1 47.9 89.1

131 9.2 7.3 10.9



#59

Bromoform

Concen: 4.953 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

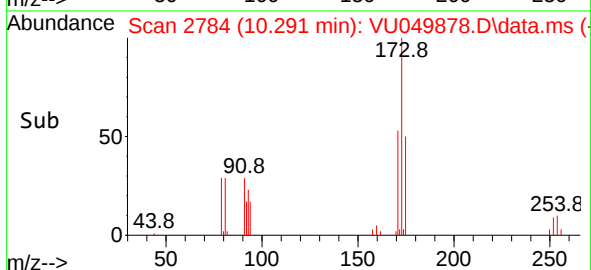
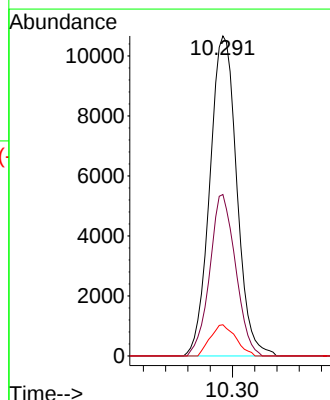
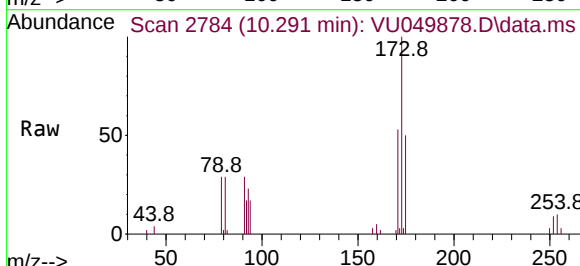
Tgt Ion:173 Resp: 17910

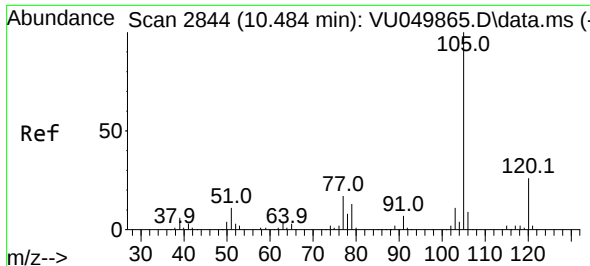
Ion Ratio Lower Upper

173 100

175 48.2 39.5 59.3

254 9.2 7.5 11.3

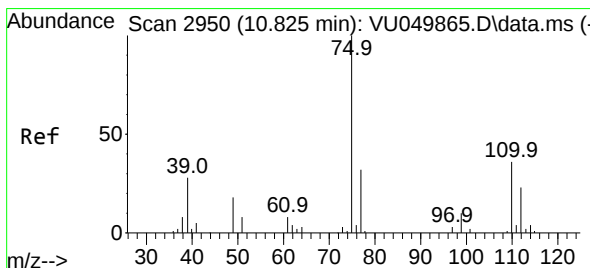
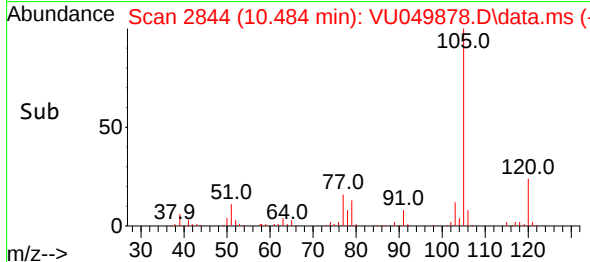
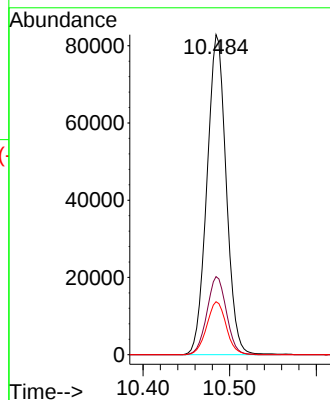
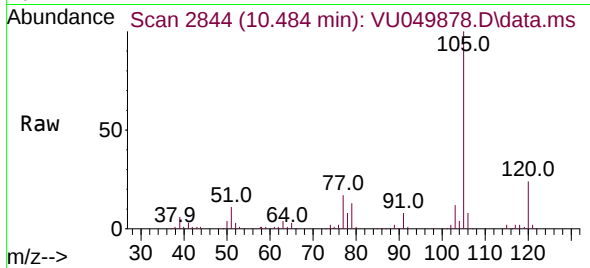




#60
Isopropylbenzene
Concen: 4.650 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

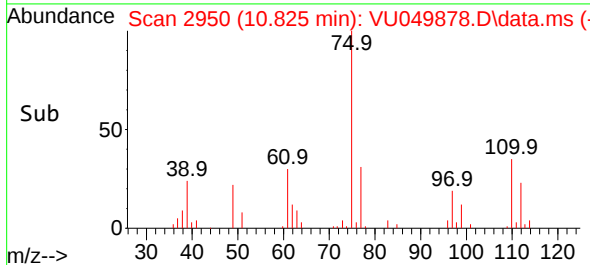
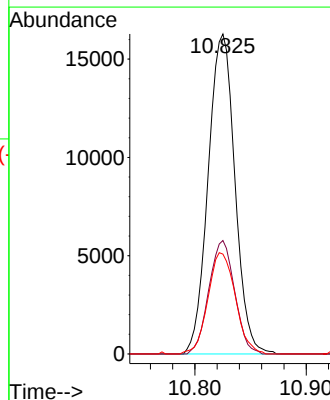
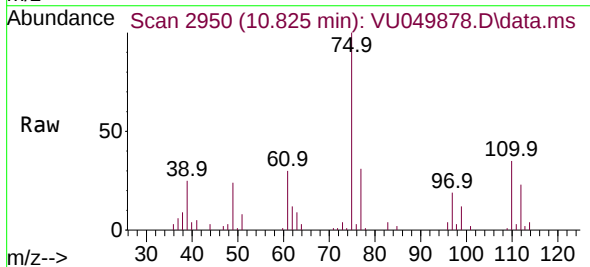
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

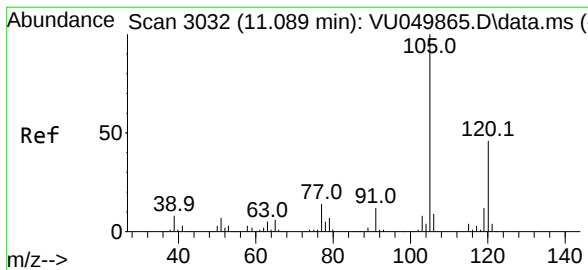
Tgt Ion:105 Resp: 127794
Ion Ratio Lower Upper
105 100
120 24.6 20.4 30.6
77 16.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 4.903 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion: 75 Resp: 27140
Ion Ratio Lower Upper
75 100
110 34.1 28.0 42.0
77 32.4 25.4 38.2

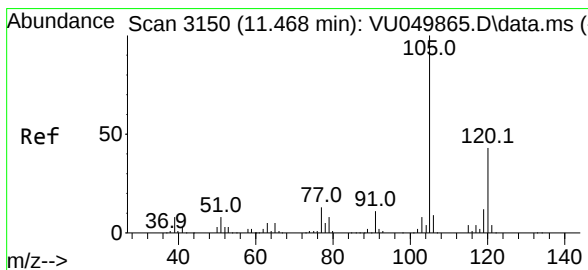
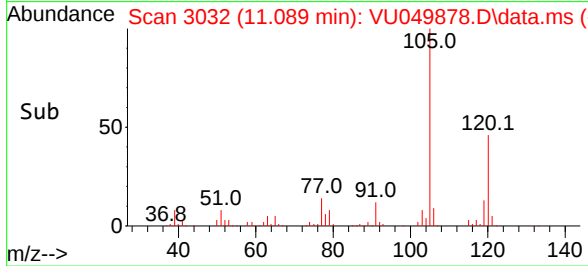
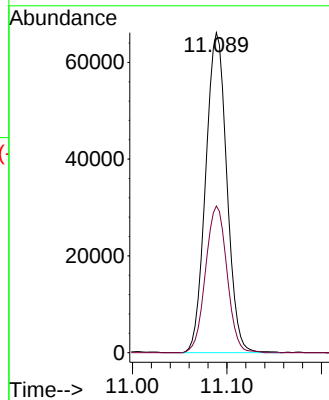
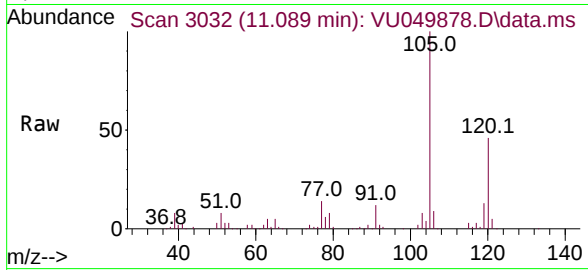




#62
1,3,5-Trimethylbenzene
Concen: 4.422 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

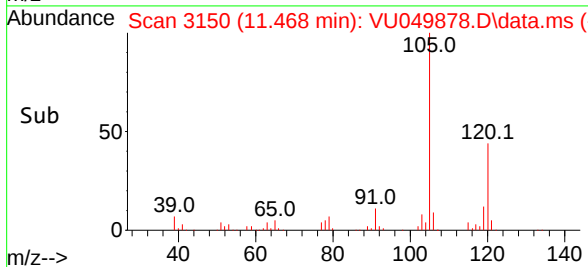
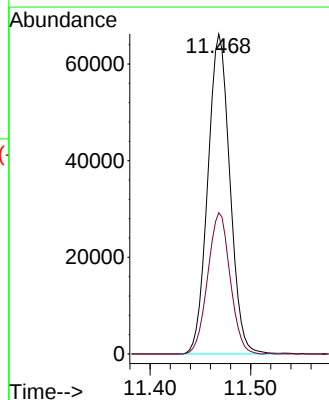
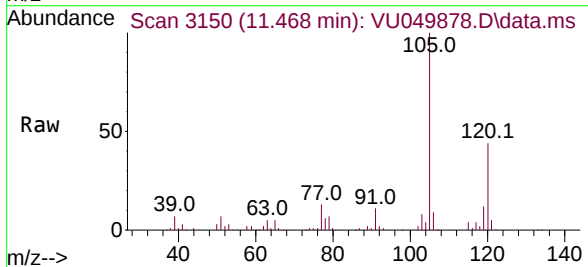
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

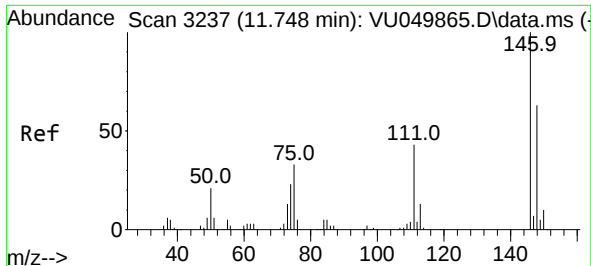
Tgt Ion:105 Resp: 102710
Ion Ratio Lower Upper
105 100
120 46.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 4.481 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion:105 Resp: 101009
Ion Ratio Lower Upper
105 100
120 44.7 34.2 51.4

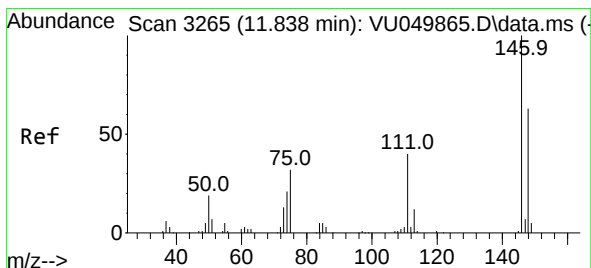
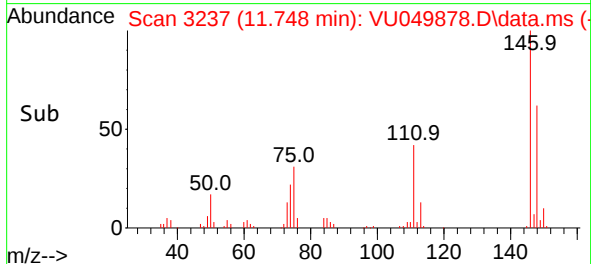
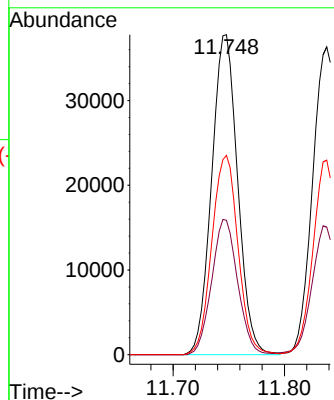
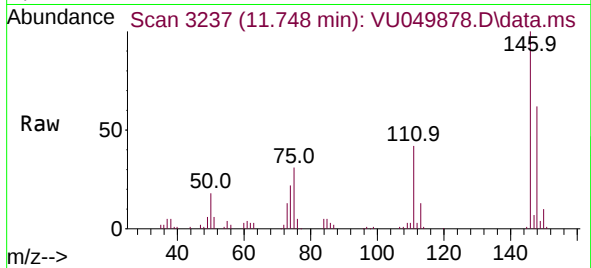




#64
1,3-Dichlorobenzene
Concen: 4.512 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

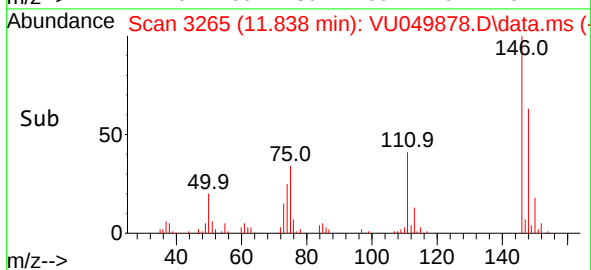
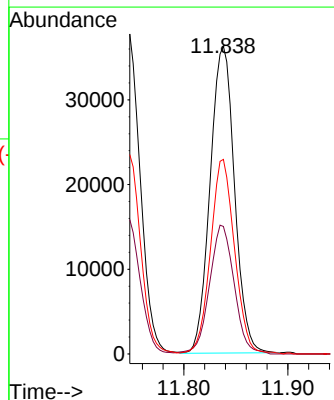
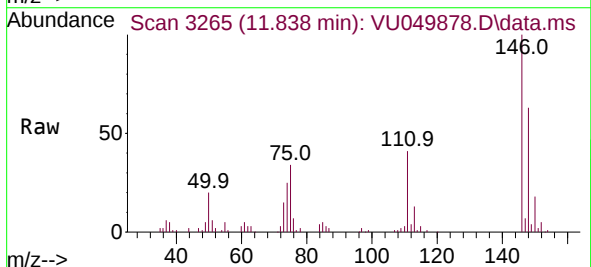
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

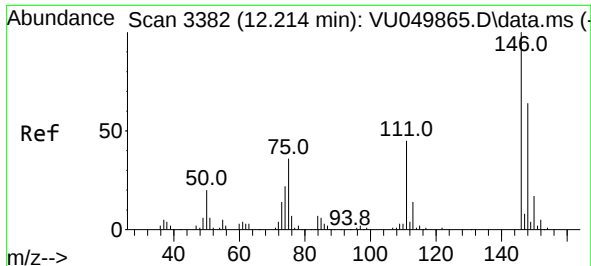
Tgt Ion:146 Resp: 61320
Ion Ratio Lower Upper
146 100
111 42.0 30.0 55.8
148 62.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.401 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion:146 Resp: 59166
Ion Ratio Lower Upper
146 100
111 41.4 29.5 54.7
148 63.2 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 4.602 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

DBUF3MS

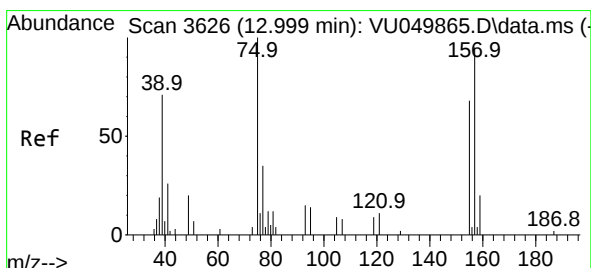
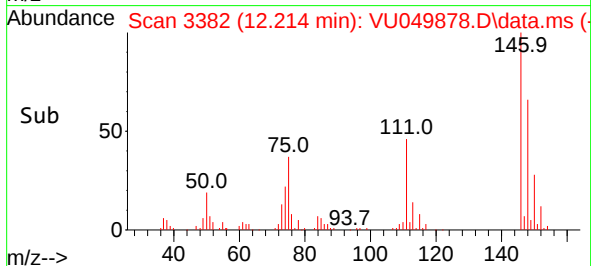
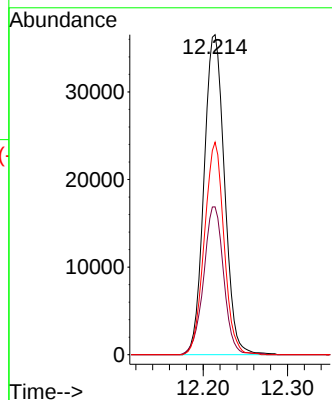
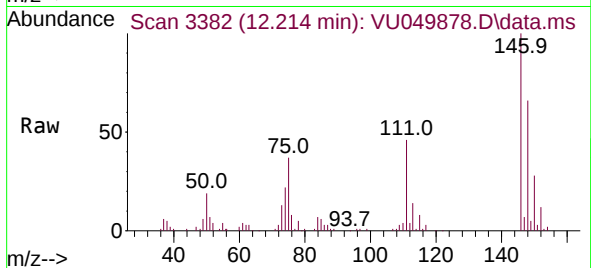
Tgt Ion:146 Resp: 61781

Ion Ratio Lower Upper

146 100

111 46.2 35.8 53.8

148 66.4 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.933 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU049878.D

Acq: 25 Jul 2022 19:44

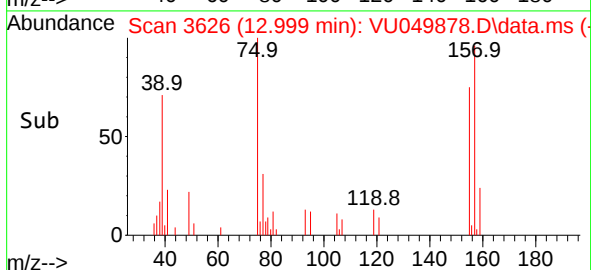
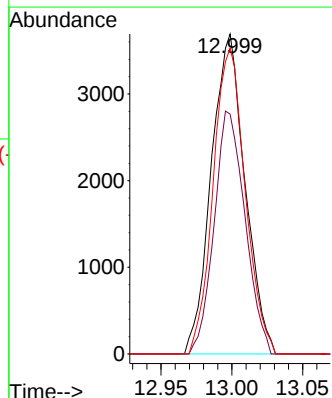
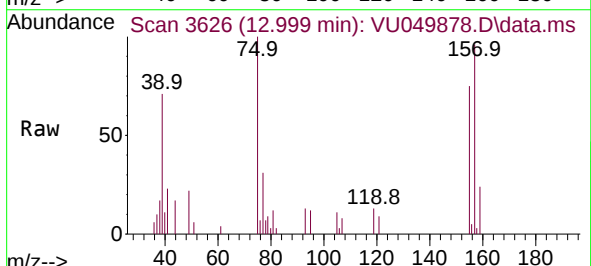
Tgt Ion: 75 Resp: 6109

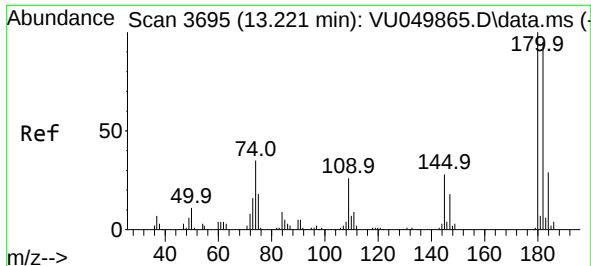
Ion Ratio Lower Upper

75 100

155 75.0 60.4 90.6

157 95.5 70.0 105.0

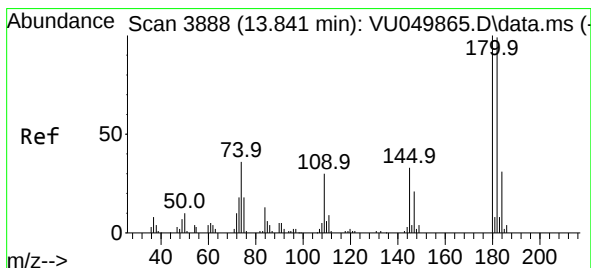
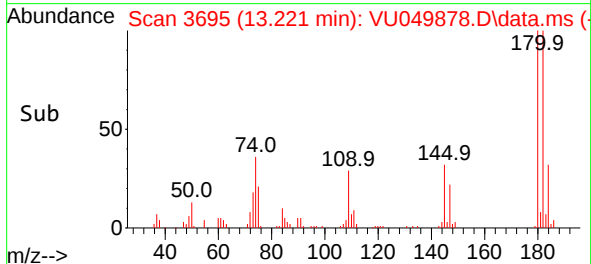
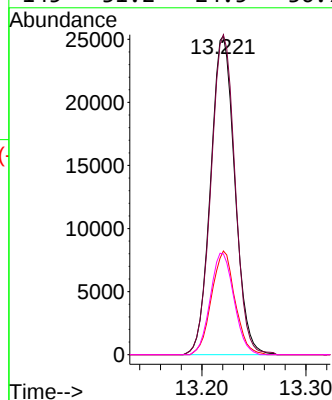
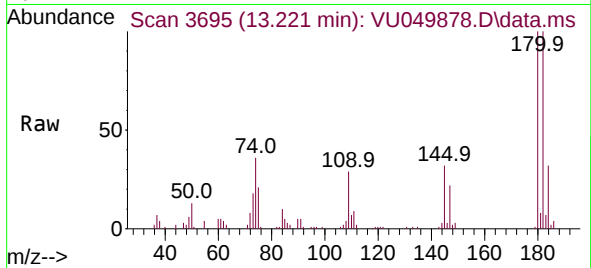




#69
1,3,5-Trichlorobenzene
Concen: 4.065 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

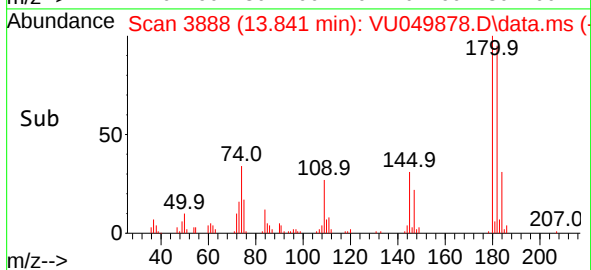
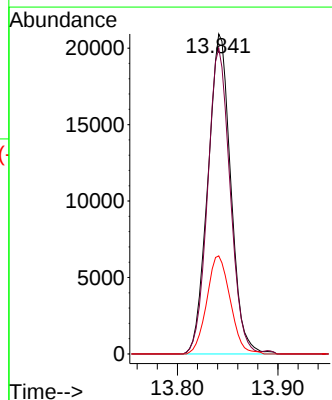
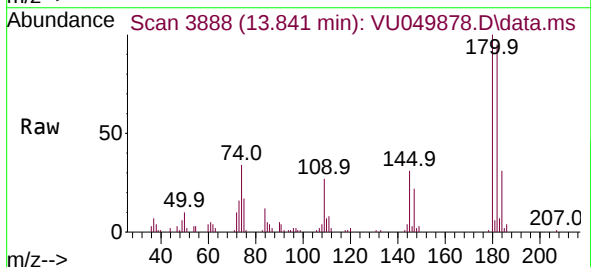
Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

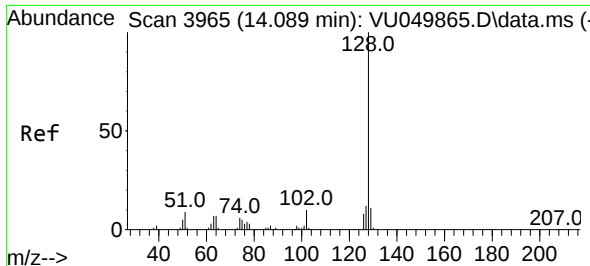
Tgt Ion:180	Resp:	40789
Ion Ratio	Lower	Upper
180	100	
182	99.5	77.2 115.8
184	31.5	25.3 37.9
145	31.2	24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 3.925 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion:180	Resp:	33065
Ion Ratio	Lower	Upper
180	100	
182	93.5	77.0 115.4
145	31.4	26.1 39.1

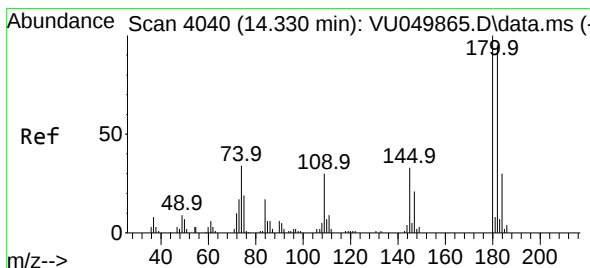
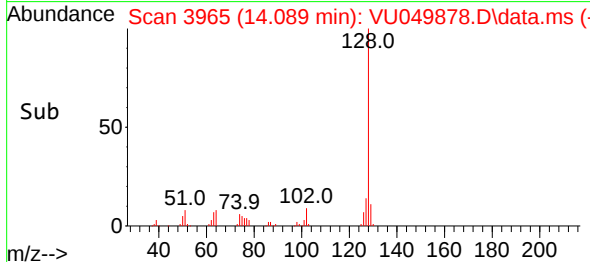
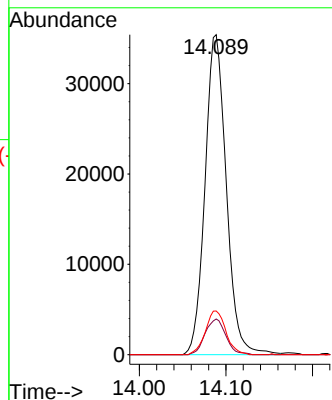
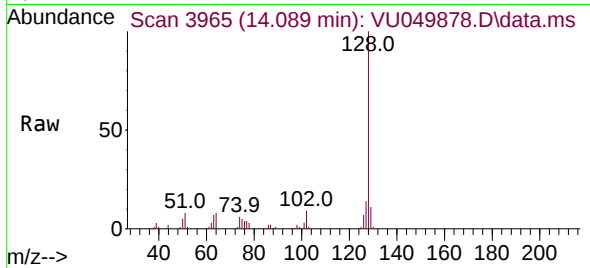




#71
Naphthalene
Concen: 3.683 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Instrument :
MSVOA_U
ClientSampleId :
DBUF3MS

Tgt Ion:128	Resp:	60492
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.2 12.4
127	13.2	11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.081 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049878.D
Acq: 25 Jul 2022 19:44

Tgt Ion:180	Resp:	33039
Ion Ratio	Lower	Upper
180	100	
182	94.8	73.9 110.9
145	33.0	27.8 41.6

