

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047476.D
 Acq On : 10 Mar 2022 22:21
 Operator : SY/MD
 Sample : N1857-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 11 00:59:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	136668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	132563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35451	4.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.919	69	26520	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.572	65	16046	4.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.645	46	65178	49.389	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.780%
24) Chloroform-d	5.067	84	60858	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.706	65	29875	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.729	84	126054	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.694	67	36476	4.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.899	98	122056	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.182	79	15506	4.951	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.636	63	65572	47.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31477	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	46204	4.998	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	55849	5.458	ug/L	99
3) Chloromethane	1.523	50	54325	5.316	ug/L	95
5) Vinyl chloride	1.607	62	55934	5.565	ug/L	98
6) Bromomethane	1.861	94	24785	4.325	ug/L	100
8) Chloroethane	1.938	64	33698	5.520	ug/L	99
9) Trichlorofluoromethane	2.144	101	73257	5.532	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	45292	5.539	ug/L	98
12) 1,1-Dichloroethene	2.584	96	44170	5.505	ug/L	93
13) Acetone	2.665	43	61992	51.127	ug/L	99
14) Carbon disulfide	2.800	76	133777	5.431	ug/L	99
15) Methyl Acetate	2.964	43	17960	5.605	ug/L	96
16) Methylene chloride	3.051	84	48773	5.092	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	111815	5.404	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	46654	5.431	ug/L	99
19) 1,1-Dichloroethane	3.877	63	81997	5.612	ug/L	99
21) 2-Butanone	4.723	43	108420	49.654	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	52333	5.498	ug/L	98
23) Bromochloromethane	4.980	128	25611	5.631	ug/L	95
25) Chloroform	5.092	83	86763	5.484	ug/L	99

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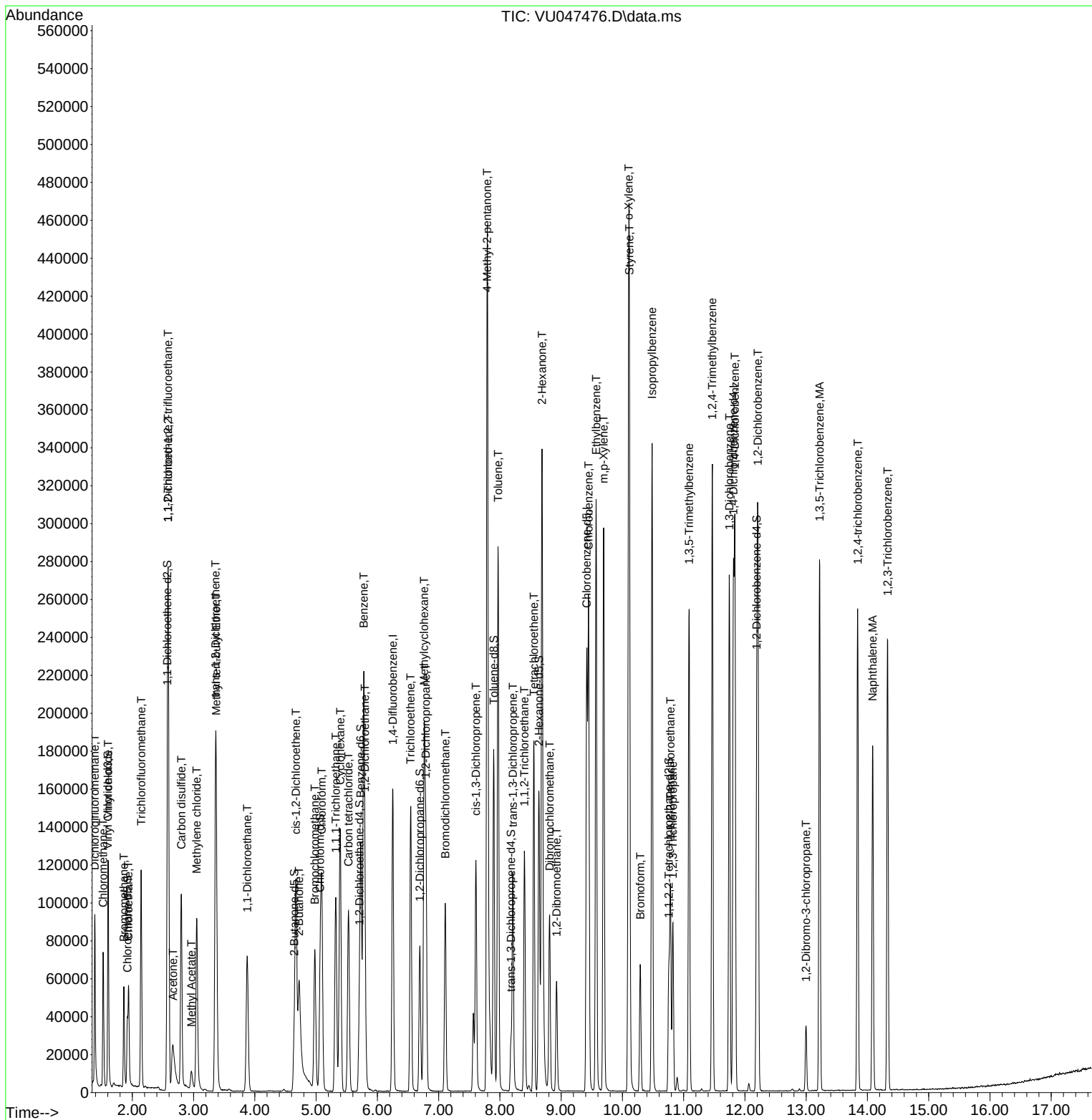
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 ClientSampleId :

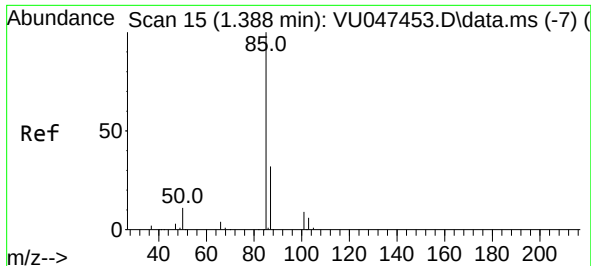
Quant Time: Mar 11 00:59:21 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	56721	5.569	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	73618	5.375	ug/L	98
30) Cyclohexane	5.395	56	69559	5.272	ug/L	98
31) Carbon tetrachloride	5.530	117	65771	5.467	ug/L	98
33) Benzene	5.777	78	194690	5.438	ug/L	100
34) Trichloroethene	6.542	95	50766	5.304	ug/L	96
35) Methylcyclohexane	6.764	83	75942	5.030	ug/L	99
37) 1,2-Dichloropropane	6.793	63	49791	5.584	ug/L	100
38) Bromodichloromethane	7.108	83	65191	5.507	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	72681	5.377	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	322318	53.029	ug/L	99
42) Toluene	7.970	91	213260	5.483	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	63933	5.244	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	40223	5.504	ug/L	96
47) Tetrachloroethene	8.555	164	42925	5.287	ug/L	99
48) 2-Hexanone	8.687	43	227716	51.639	ug/L	99
49) Dibromochloromethane	8.812	129	48914	5.510	ug/L	97
50) 1,2-Dibromoethane	8.925	107	39838	5.358	ug/L	100
51) Chlorobenzene	9.446	112	140017	5.381	ug/L	100
52) Ethylbenzene	9.571	91	223274	5.301	ug/L	100
53) m,p-Xylene	9.693	106	86817	5.254	ug/L	97
54) o-Xylene	10.102	106	85907	5.366	ug/L	99
55) Styrene	10.115	104	142999	5.284	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	53165	5.435	ug/L	98
59) Bromoform	10.291	173	30754	5.603	ug/L	100
60) Isopropylbenzene	10.484	105	219904	5.391	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	36818	5.452	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	139456	5.212	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	183328	5.282	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	114969	5.317	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	116225	5.293	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	112883	5.433	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8493	5.578	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	93320	5.262	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	82754	5.235	ug/L	100
71) Naphthalene	14.086	128	148551	5.254	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	78919	5.445	ug/L	100

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

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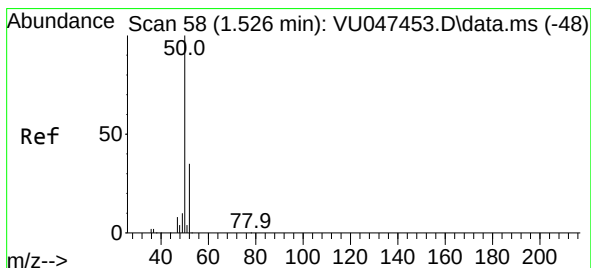
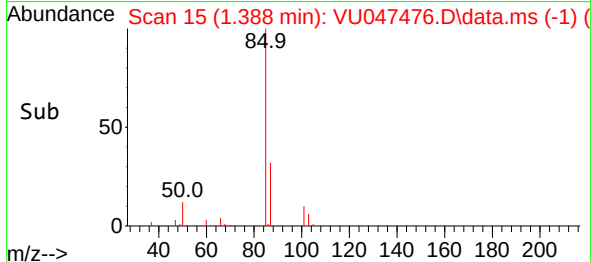
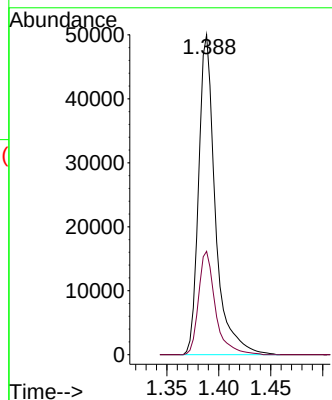
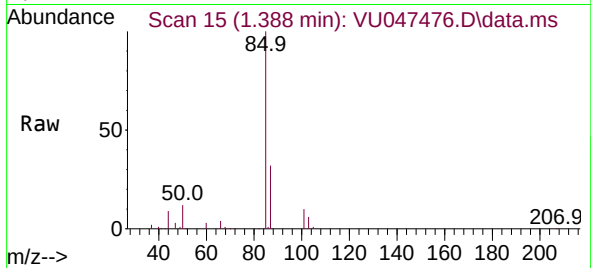




#2
Dichlorodifluoromethane
Concen: 5.458 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

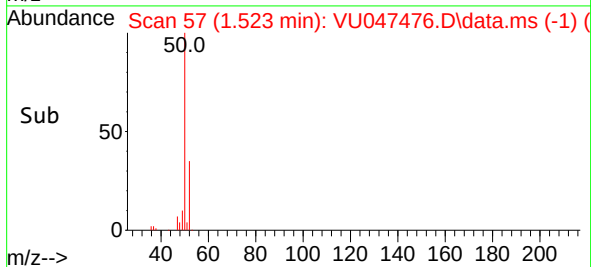
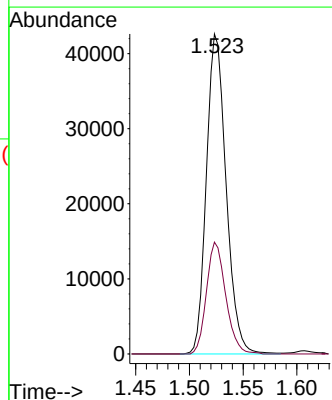
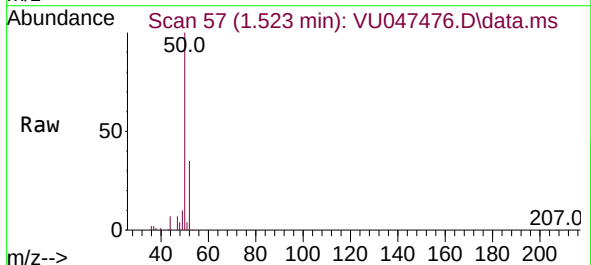
Instrument :
MSVOA_U
ClientSampleId :

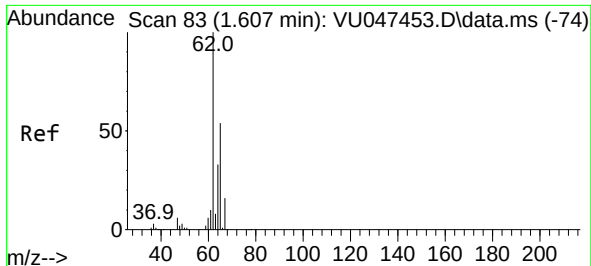
Tgt Ion: 85 Resp: 55849
Ion Ratio Lower Upper
85 100
87 32.7 25.6 38.4



#3
Chloromethane
Concen: 5.316 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion: 50 Resp: 54325
Ion Ratio Lower Upper
50 100
52 34.9 22.5 41.9

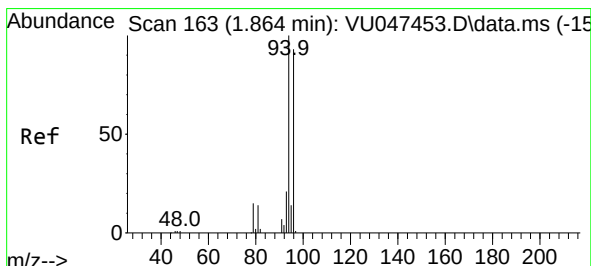
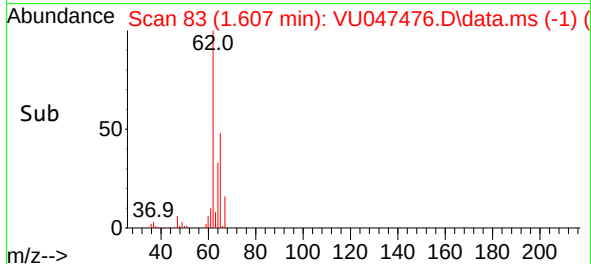
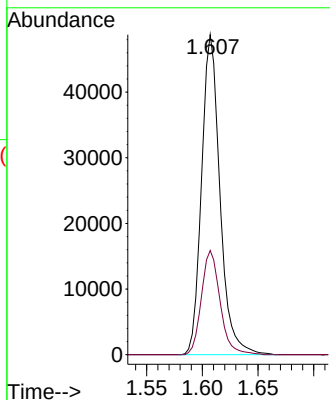
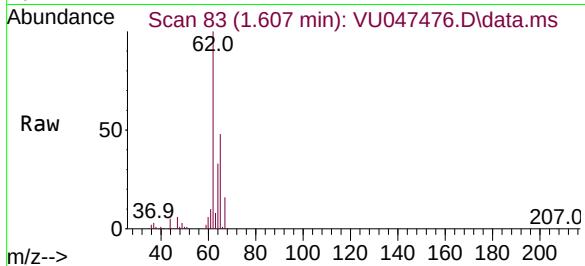




#5
 Vinyl chloride
 Concen: 5.565 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047476.D
 Acq: 10 Mar 2022 22:21

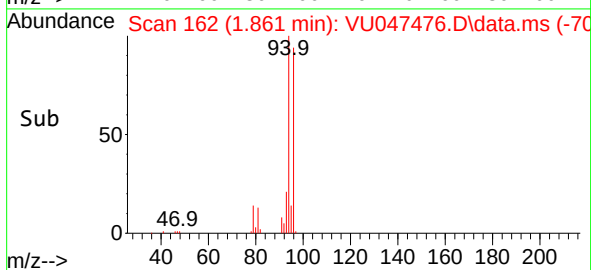
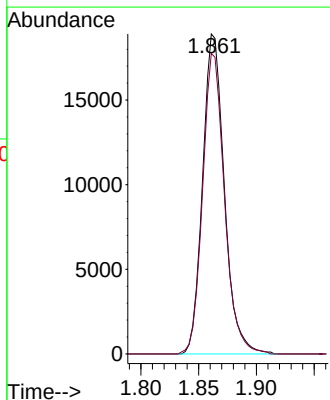
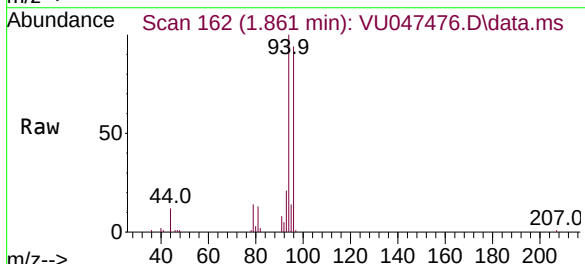
Instrument :
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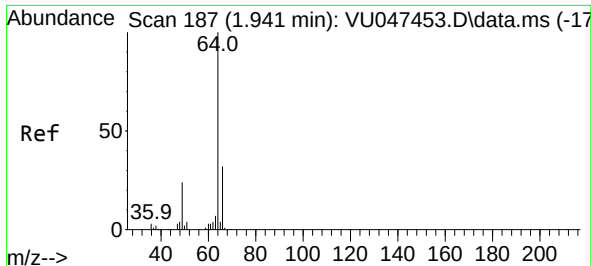
Tgt Ion: 62 Resp: 55934
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.7 43.9



#6
 Bromomethane
 Concen: 4.325 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047476.D
 Acq: 10 Mar 2022 22:21

Tgt Ion: 94 Resp: 24785
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.6 121.8

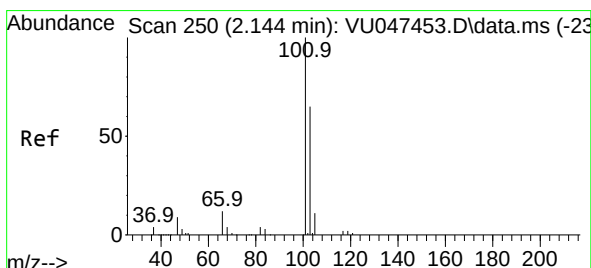
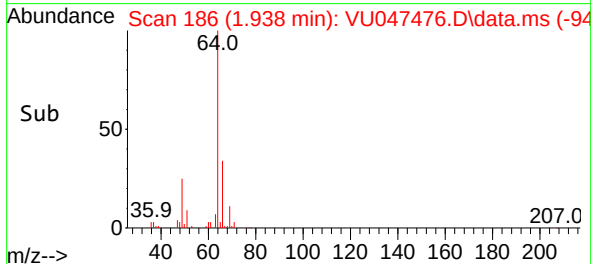
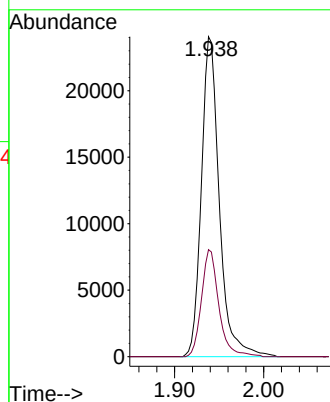
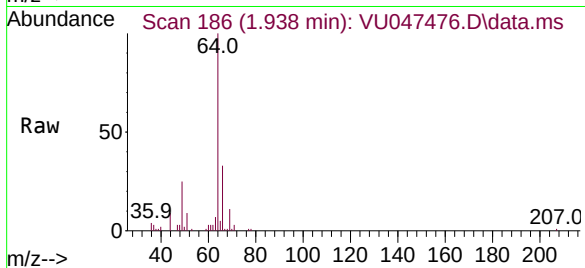




#8
Chloroethane
Concen: 5.520 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

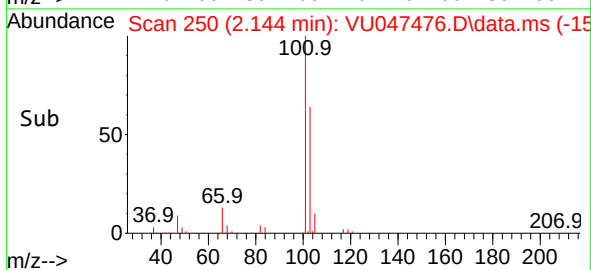
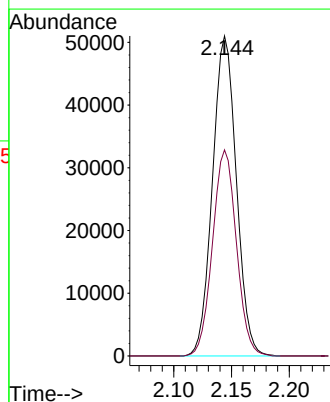
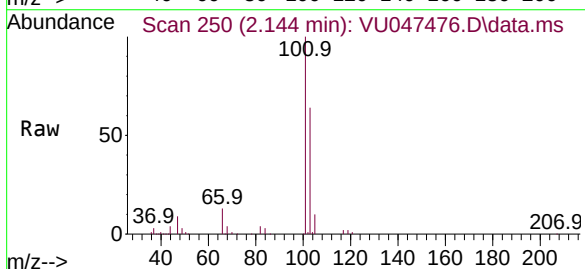
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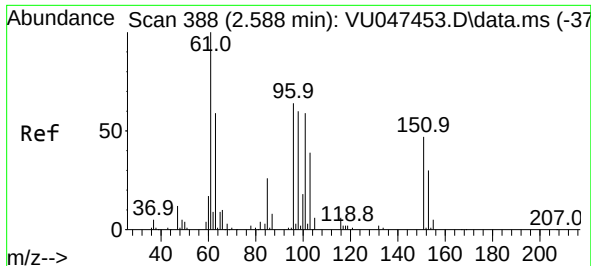
Tgt Ion: 64 Resp: 33698
Ion Ratio Lower Upper
64 100
66 33.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.532 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion: 101 Resp: 73257
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

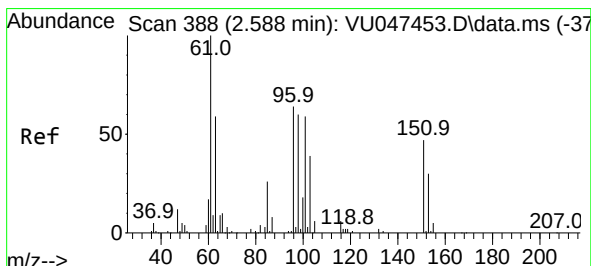
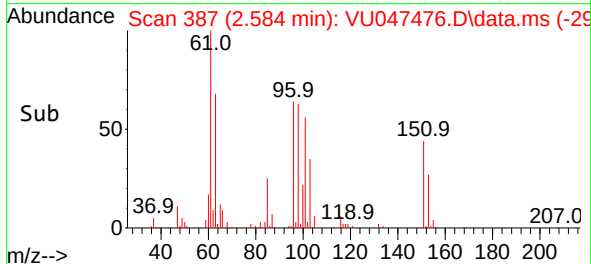
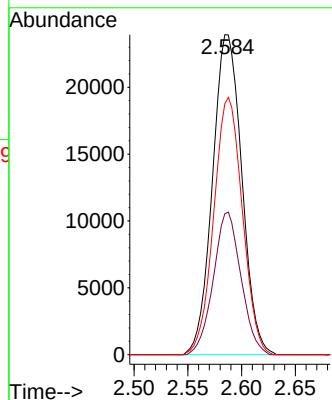
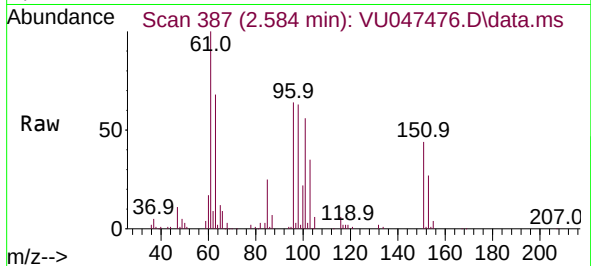




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.539 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047476.D
 Acq: 10 Mar 2022 22:21

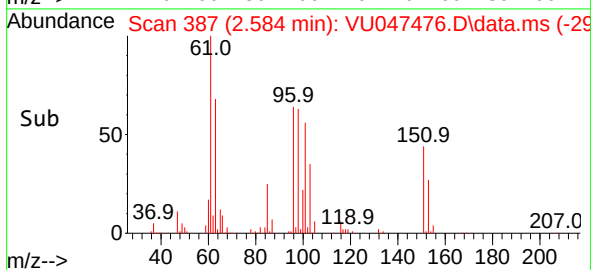
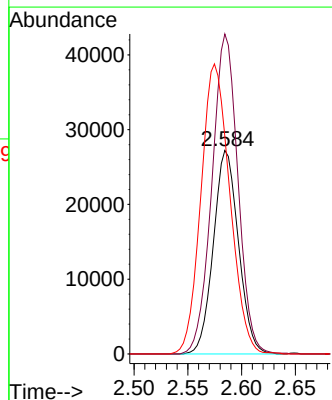
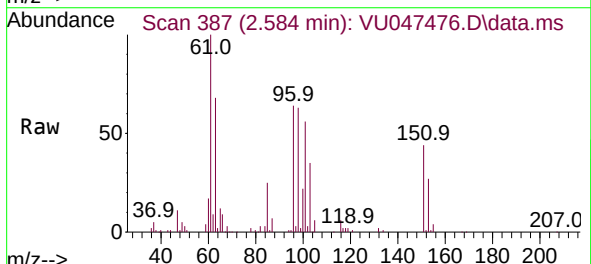
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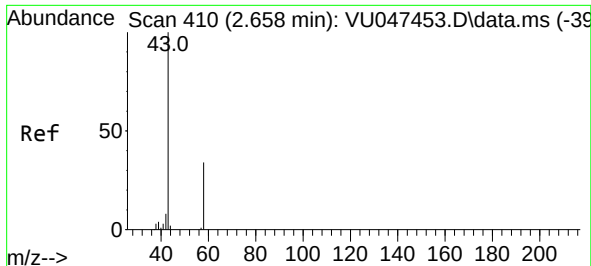
Tgt Ion:101 Resp: 45292
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.8 50.6
 151 78.6 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.505 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047476.D
 Acq: 10 Mar 2022 22:21

Tgt Ion: 96 Resp: 44170
 Ion Ratio Lower Upper
 96 100
 61 157.3 108.8 202.0
 63 107.0 64.0 119.0





#13

Acetone

Concen: 51.127 ug/L

RT: 2.665 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

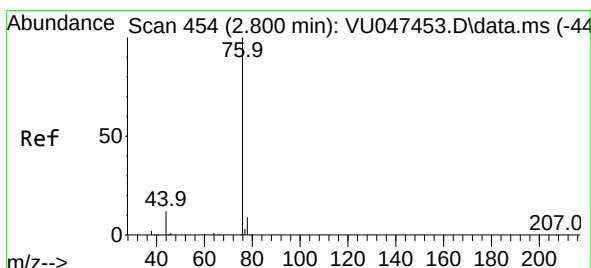
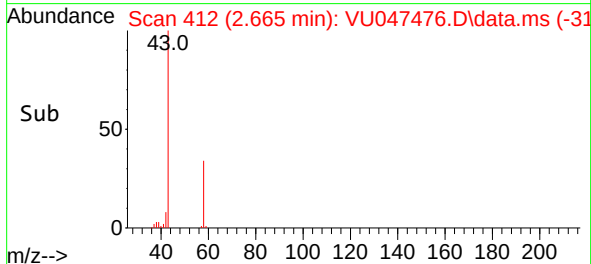
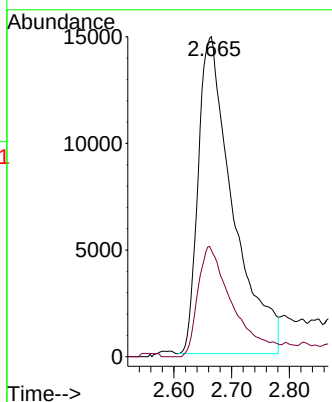
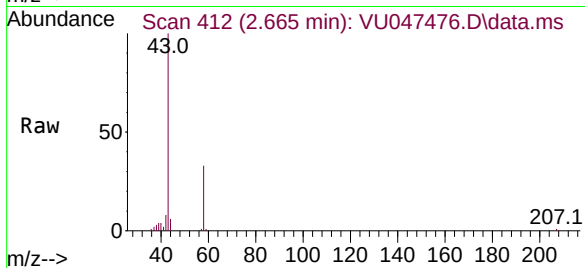
ClientSampleId :

Tgt Ion: 43 Resp: 61992

Ion Ratio Lower Upper

43 100

58 35.5 0.0 72.6



#14

Carbon disulfide

Concen: 5.431 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047476.D

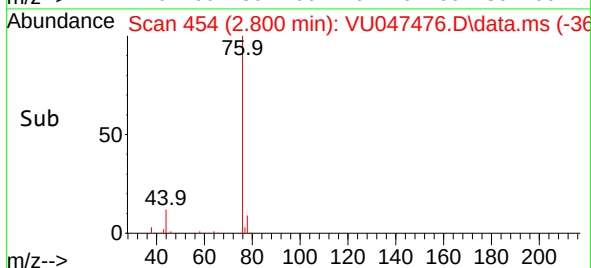
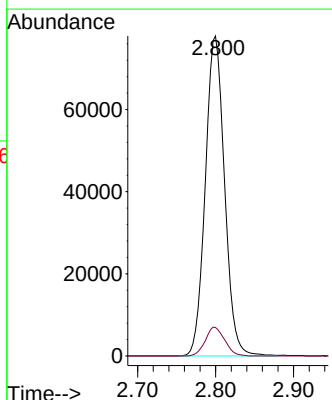
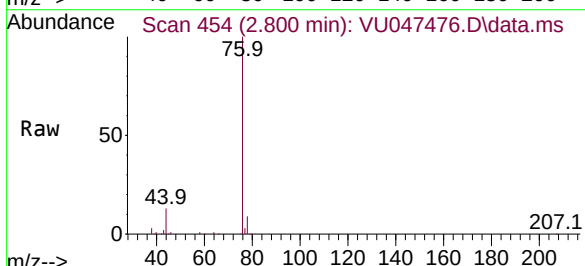
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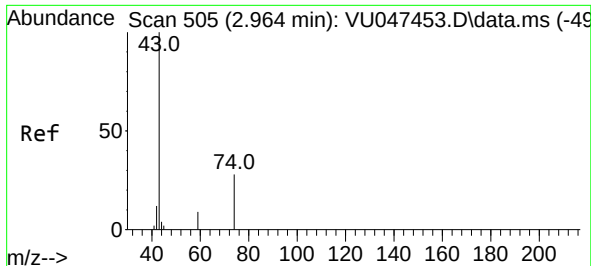
Tgt Ion: 76 Resp: 133777

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

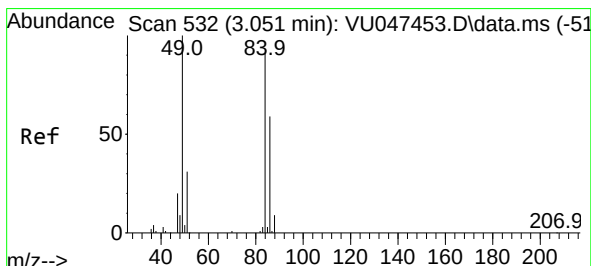
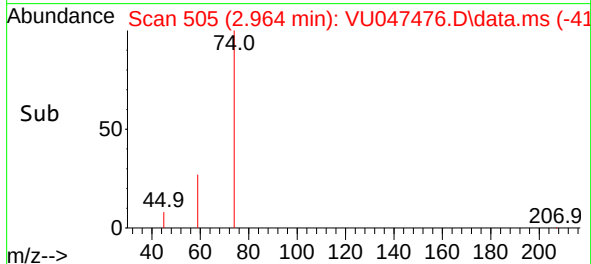
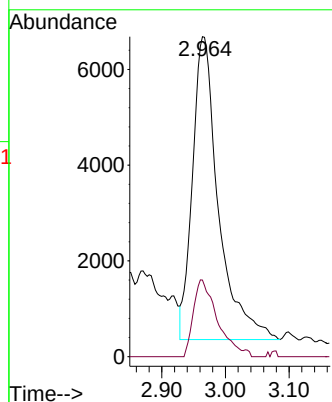
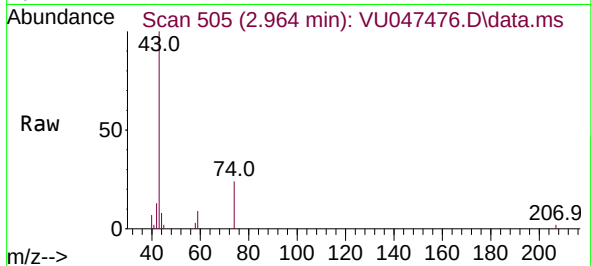




#15
Methyl Acetate
Concen: 5.605 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

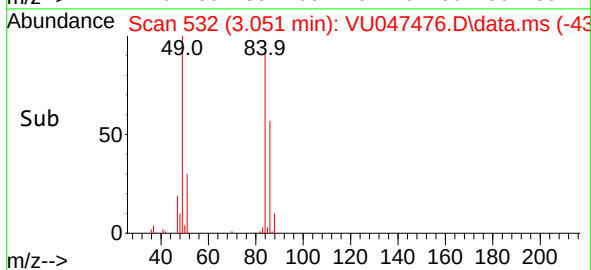
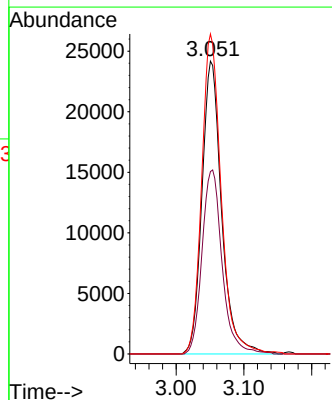
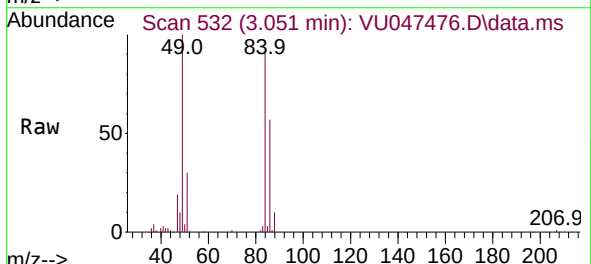
Instrument :
MSVOA_U
ClientSampleId :

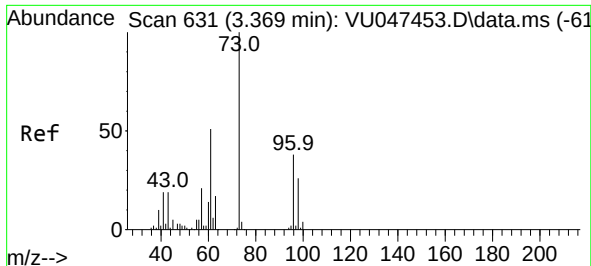
Tgt Ion: 43 Resp: 17960
Ion Ratio Lower Upper
43 100
74 23.1 20.2 30.2



#16
Methylene chloride
Concen: 5.092 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion: 84 Resp: 48773
Ion Ratio Lower Upper
84 100
86 62.3 45.9 85.3
49 109.3 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 5.404 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

ClientSampleId :

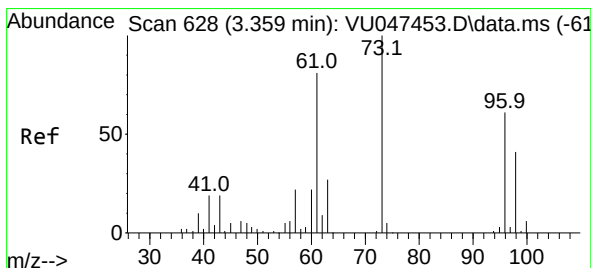
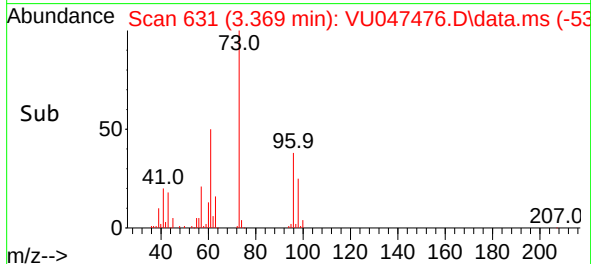
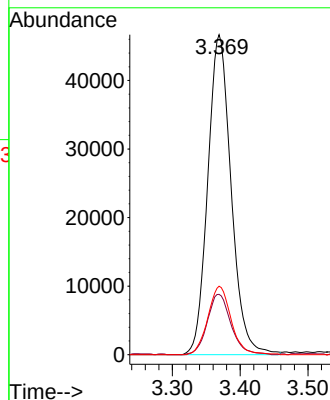
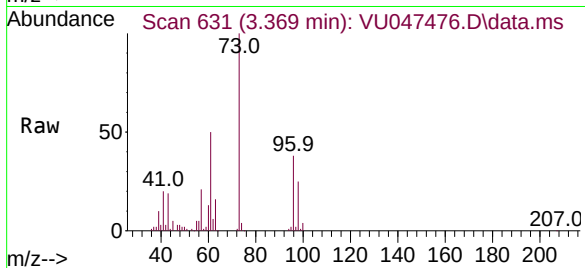
Tgt Ion: 73 Resp: 111815

Ion Ratio Lower Upper

73 100

43 19.1 14.6 22.0

57 21.3 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.431 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

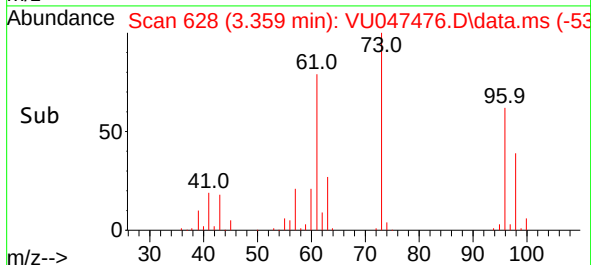
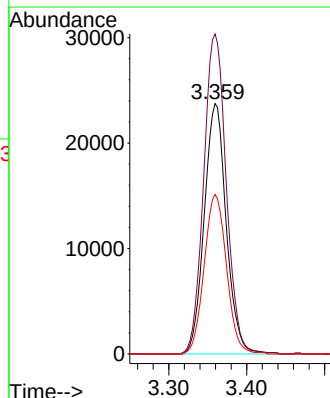
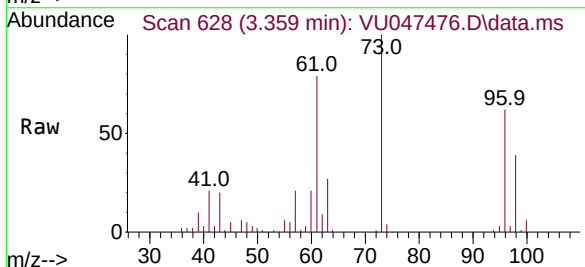
Tgt Ion: 96 Resp: 46654

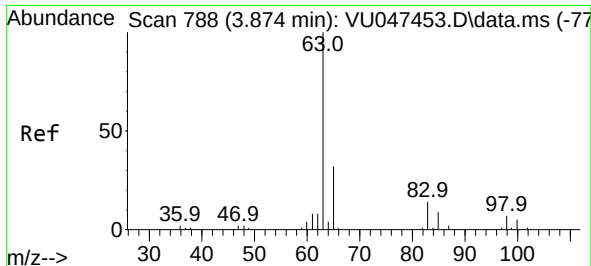
Ion Ratio Lower Upper

96 100

61 127.8 90.4 167.8

98 63.7 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.612 ug/L

RT: 3.877 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

ClientSampleId :

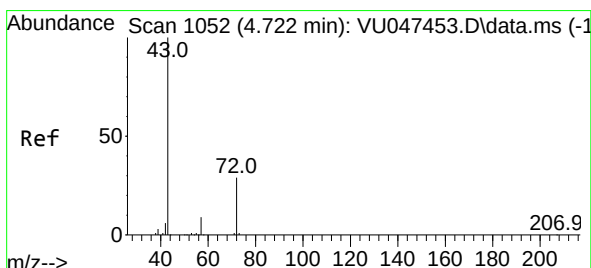
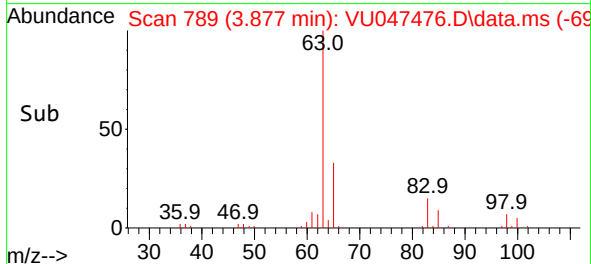
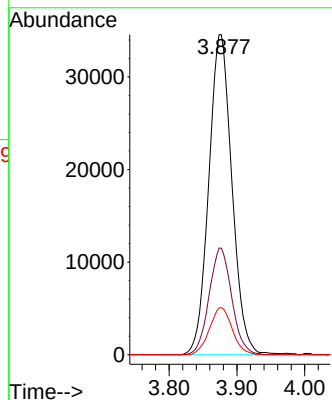
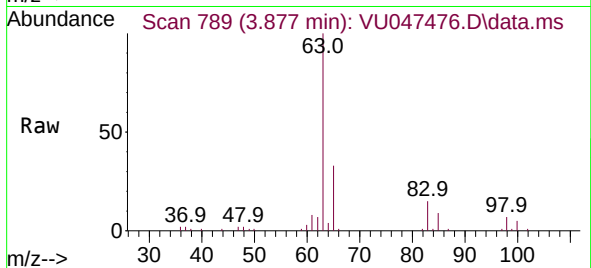
Tgt Ion: 63 Resp: 81997

Ion Ratio Lower Upper

63 100

65 33.3 22.8 42.4

83 14.7 9.9 18.3



#21

2-Butanone

Concen: 49.654 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU047476.D

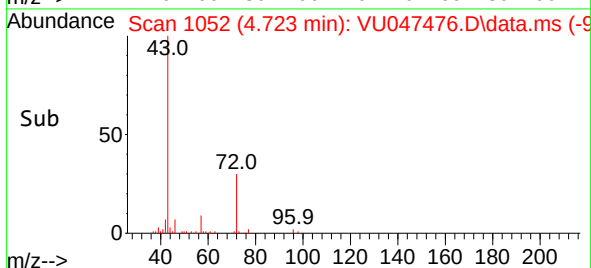
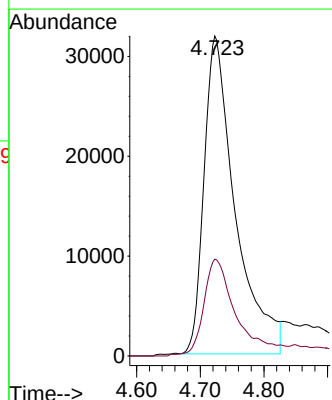
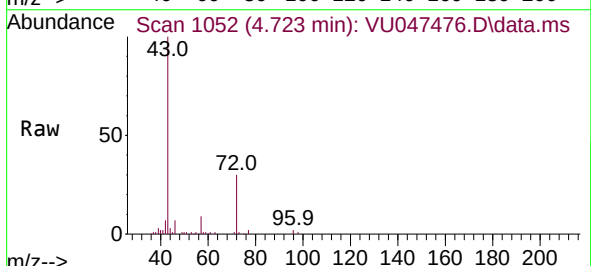
Acq: 10 Mar 2022 22:21

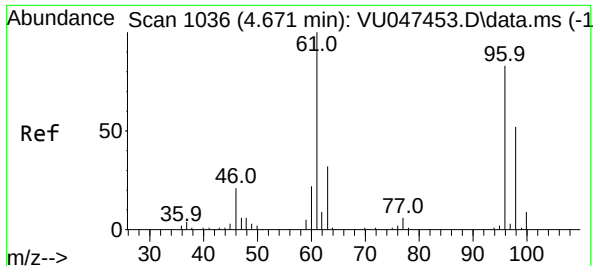
Tgt Ion: 43 Resp: 108420

Ion Ratio Lower Upper

43 100

72 32.2 14.7 44.1





#22

cis-1,2-Dichloroethene

Concen: 5.498 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

ClientSampleId :

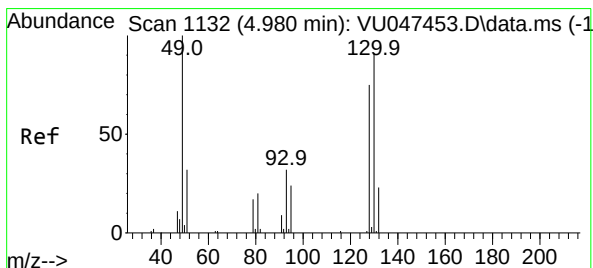
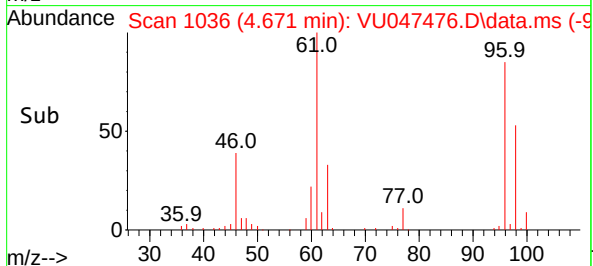
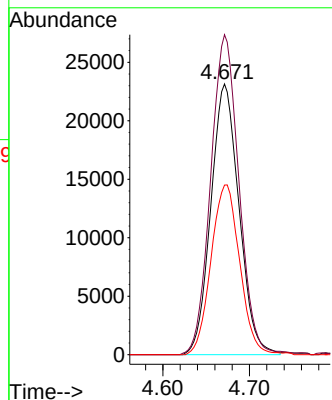
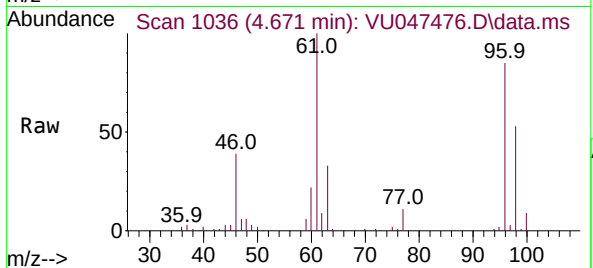
Tgt Ion: 96 Resp: 52333

Ion Ratio Lower Upper

96 100

61 118.2 80.8 150.0

98 62.6 44.7 83.1



#23

Bromochloromethane

Concen: 5.631 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Tgt Ion:128 Resp: 25611

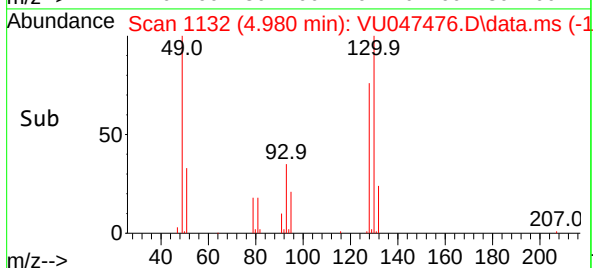
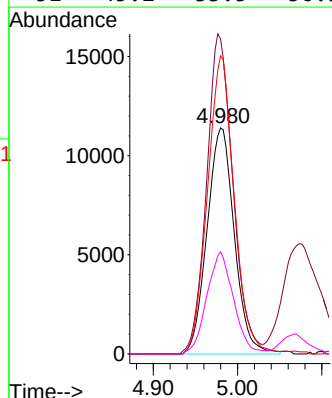
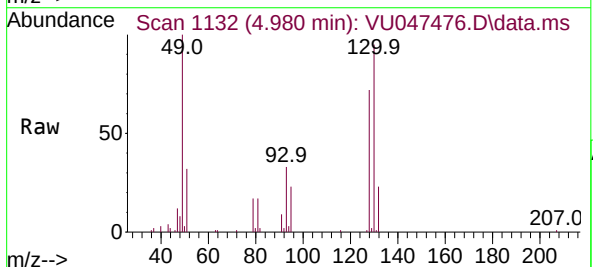
Ion Ratio Lower Upper

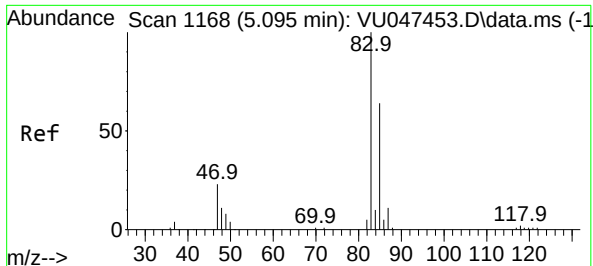
128 100

49 139.4 91.6 170.2

130 131.8 89.6 166.4

51 45.2 33.5 50.3





#25

Chloroform

Concen: 5.484 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

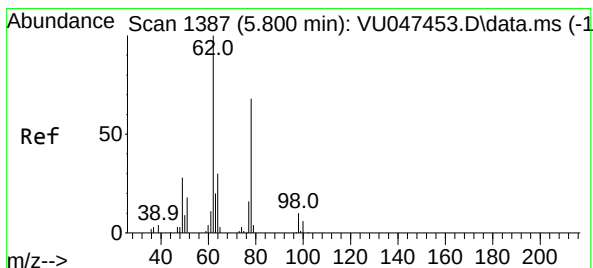
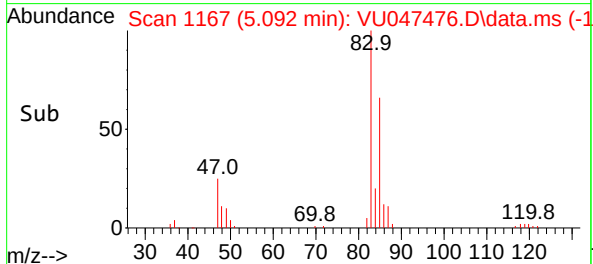
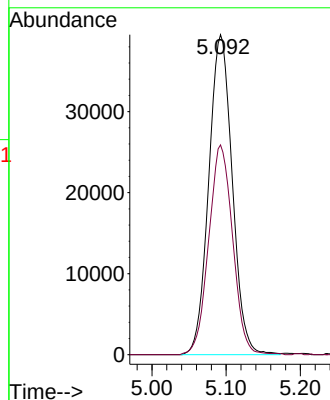
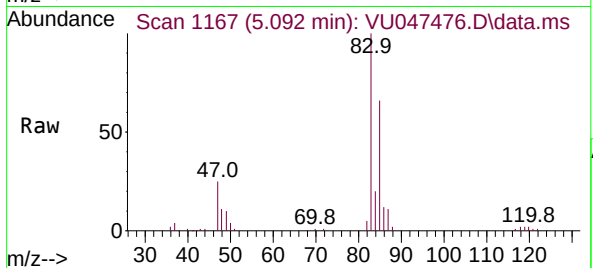
ClientSampleId :

Tgt Ion: 83 Resp: 86763

Ion Ratio Lower Upper

83 100

85 65.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.569 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047476.D

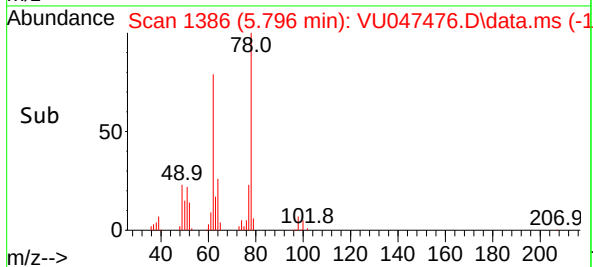
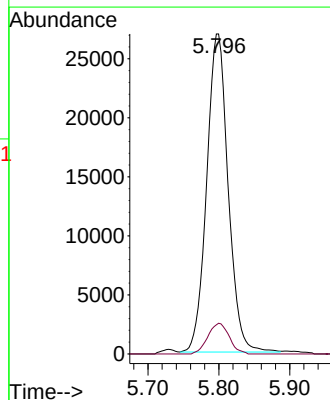
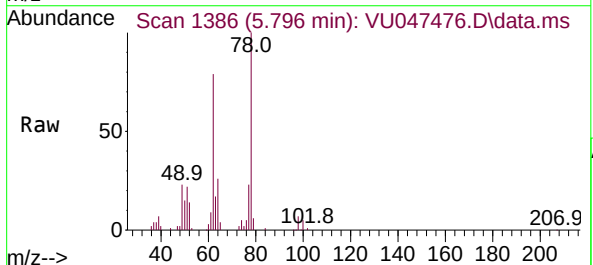
Acq: 10 Mar 2022 22:21

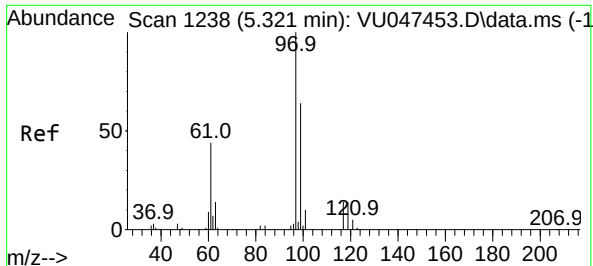
Tgt Ion: 62 Resp: 56721

Ion Ratio Lower Upper

62 100

98 9.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.375 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

ClientSampleId :

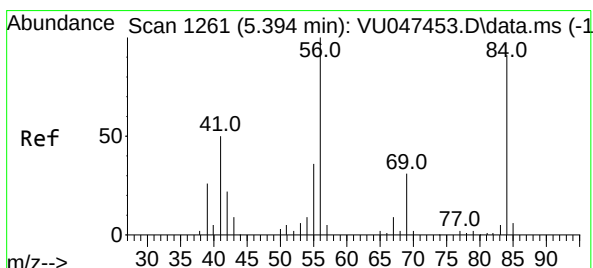
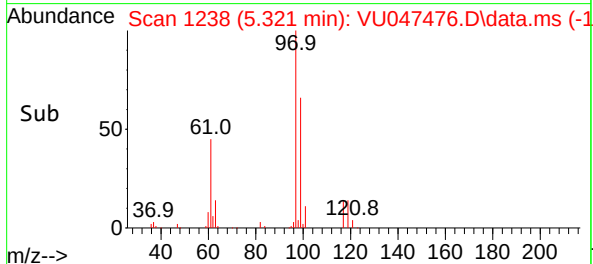
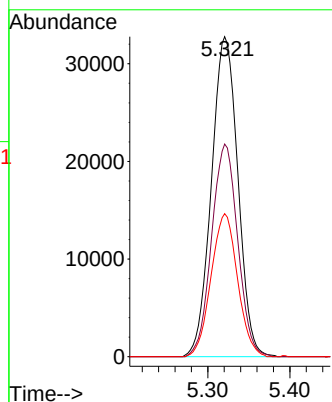
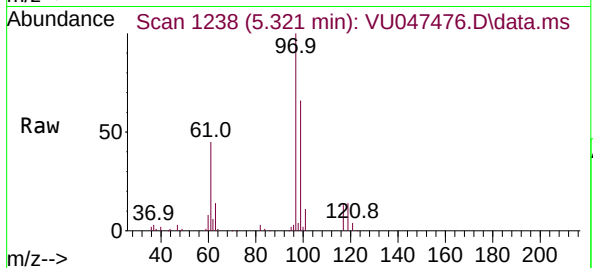
Tgt Ion: 97 Resp: 73618

Ion Ratio Lower Upper

97 100

99 65.6 52.1 78.1

61 44.7 33.8 50.6



#30

Cyclohexane

Concen: 5.272 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

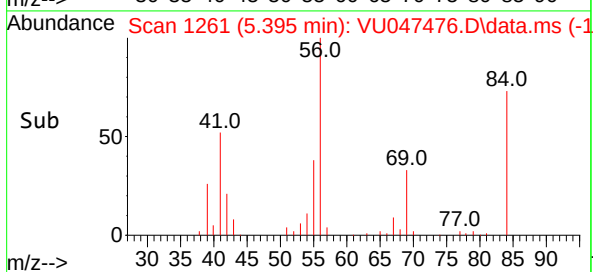
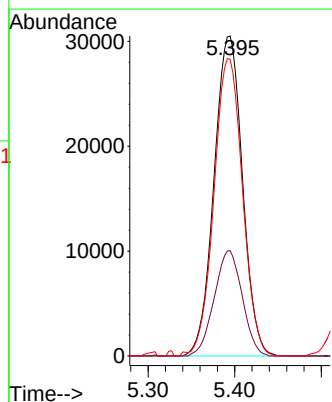
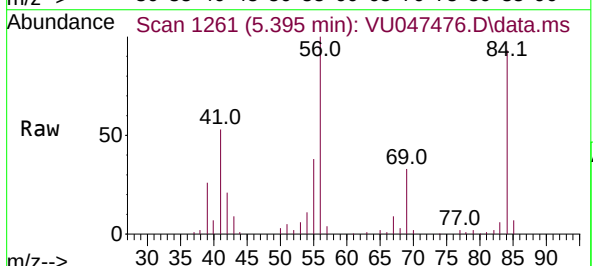
Tgt Ion: 56 Resp: 69559

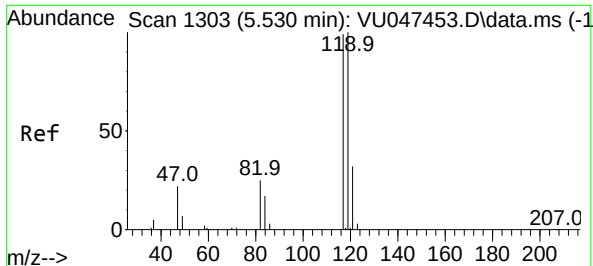
Ion Ratio Lower Upper

56 100

69 32.4 26.0 39.0

84 93.3 76.3 114.5

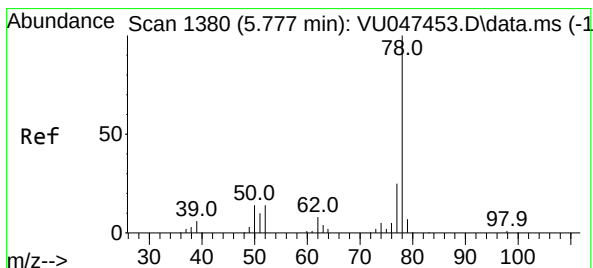
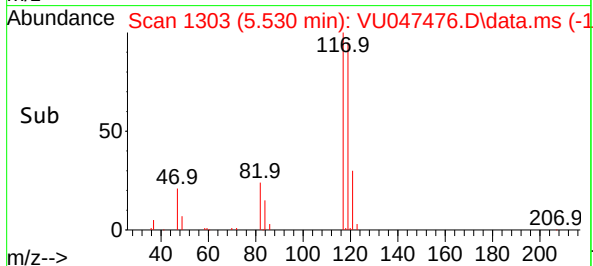
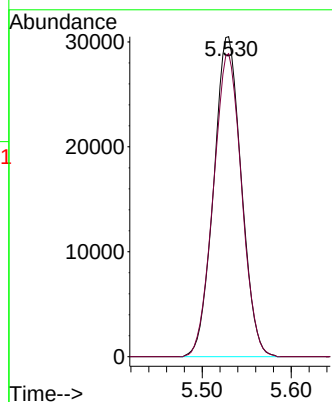
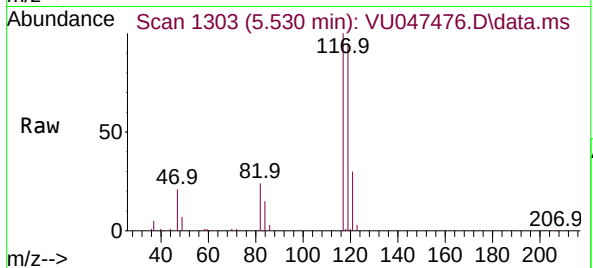




#31
Carbon tetrachloride
Concen: 5.467 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

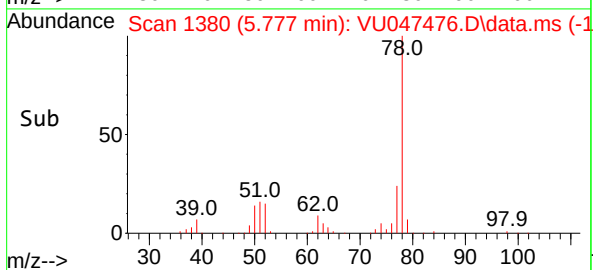
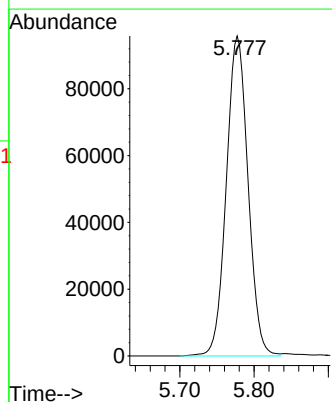
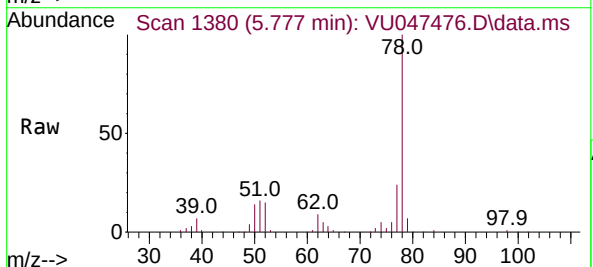
Instrument :
MSVOA_U
ClientSampleId :

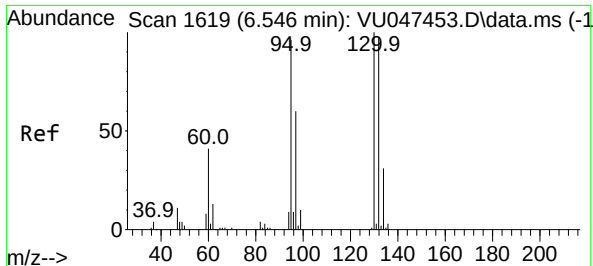
Tgt Ion:117 Resp: 65771
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8



#33
Benzene
Concen: 5.438 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

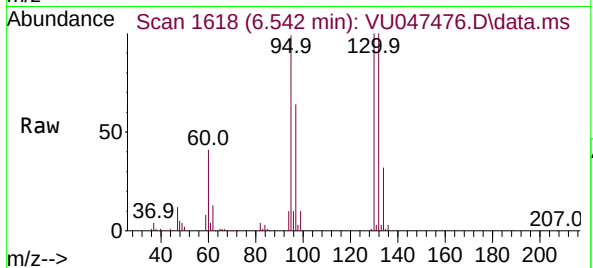
Tgt Ion: 78 Resp: 194690



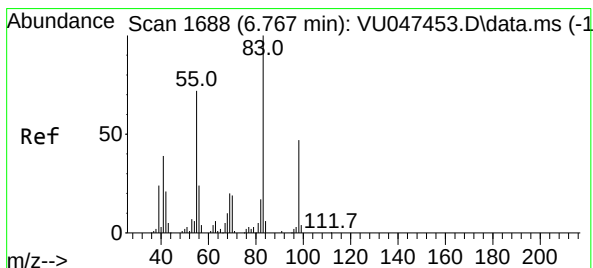
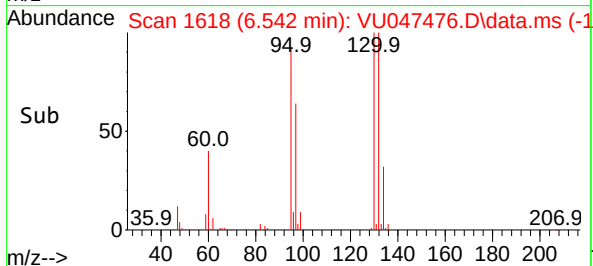
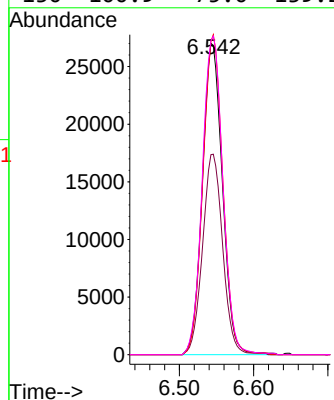


#34
Trichloroethene
Concen: 5.304 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Instrument :
MSVOA_U
ClientSampleId :

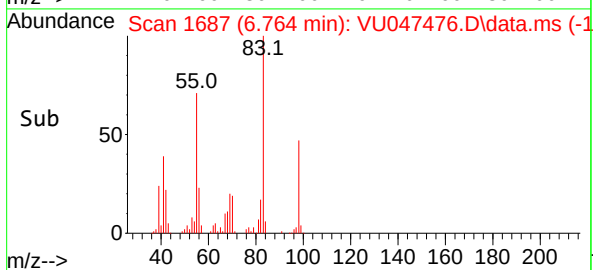
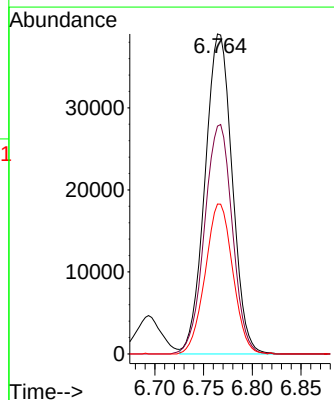
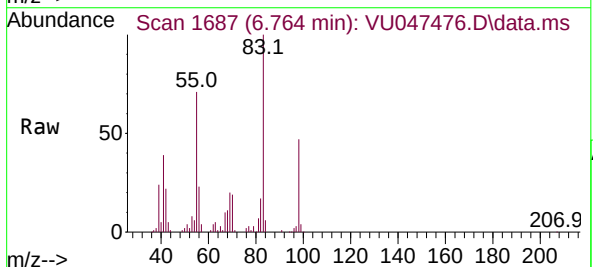


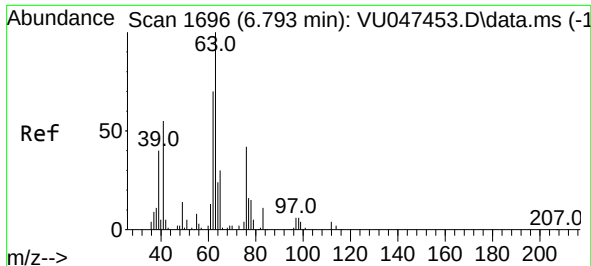
Tgt Ion:	95	Resp:	50766
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.3	85.9
132	100.6	71.7	133.1
130	100.9	75.0	139.2



#35
Methylcyclohexane
Concen: 5.030 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion:	83	Resp:	75942
Ion	Ratio	Lower	Upper
83	100		
55	73.1	57.8	86.8
98	47.4	38.0	57.0





#37

1,2-Dichloropropane

Concen: 5.584 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

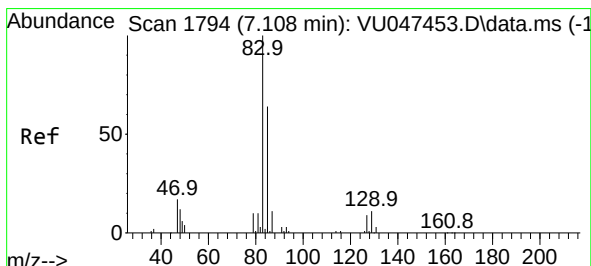
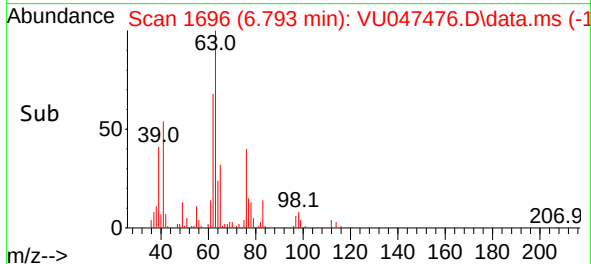
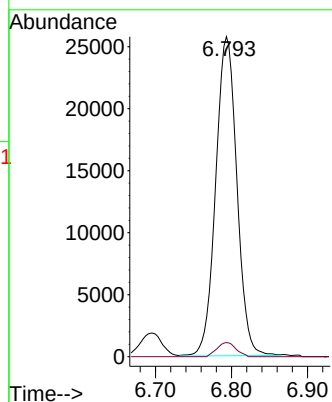
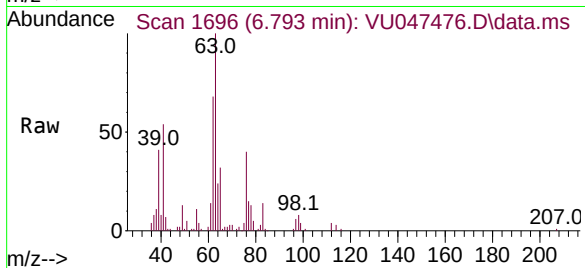
ClientSampleId :

Tgt Ion: 63 Resp: 49791

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.507 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

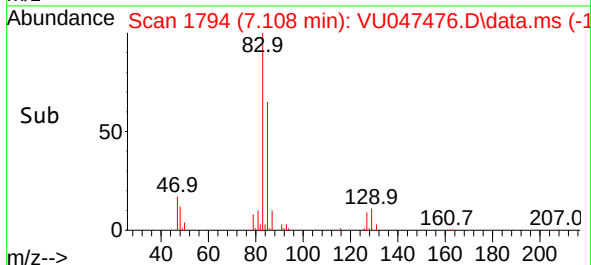
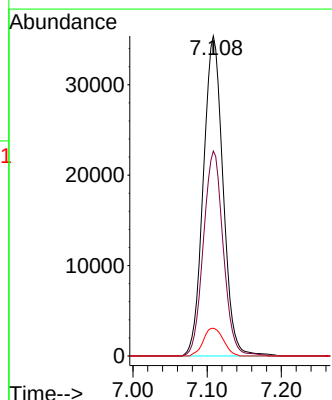
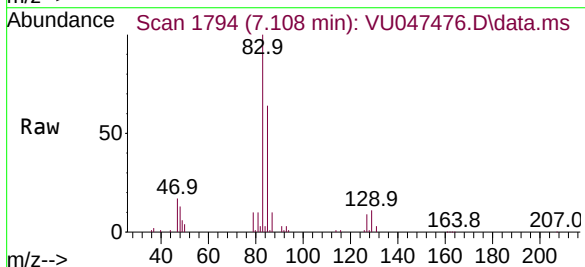
Tgt Ion: 83 Resp: 65191

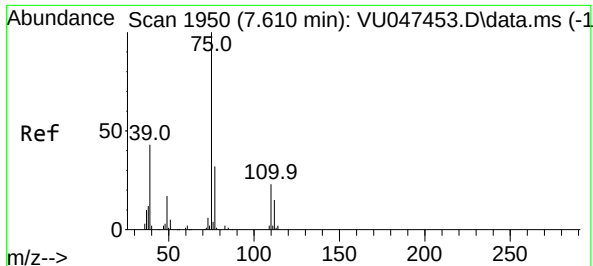
Ion Ratio Lower Upper

83 100

85 64.0 45.0 83.6

127 8.6 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.377 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

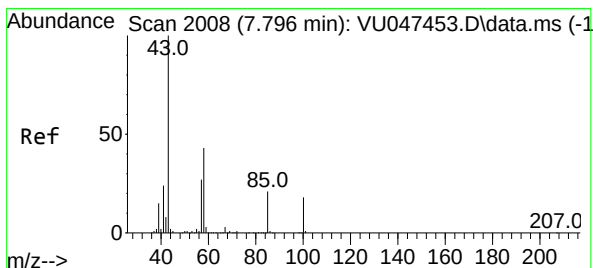
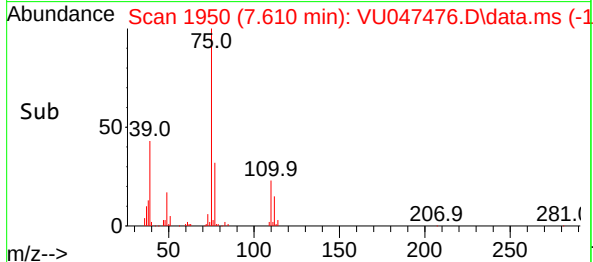
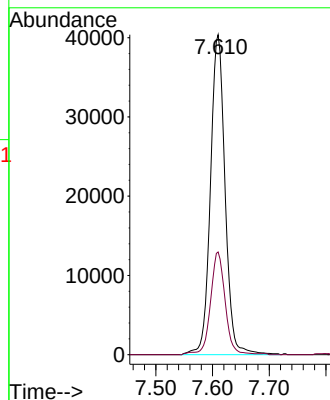
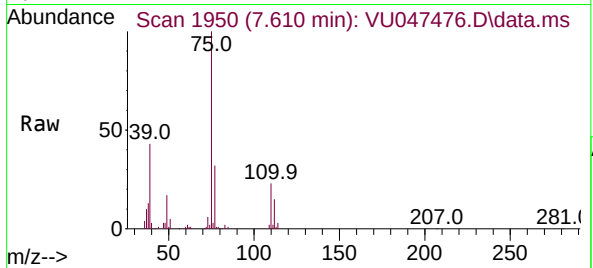
ClientSampleId :

Tgt Ion: 75 Resp: 72681

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 53.029 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

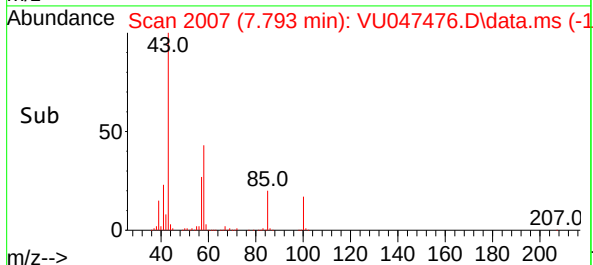
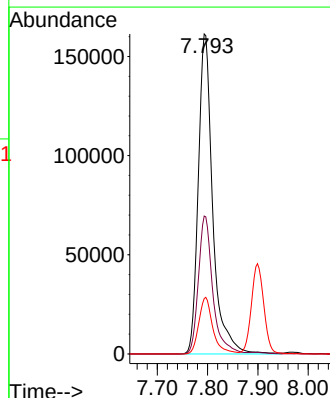
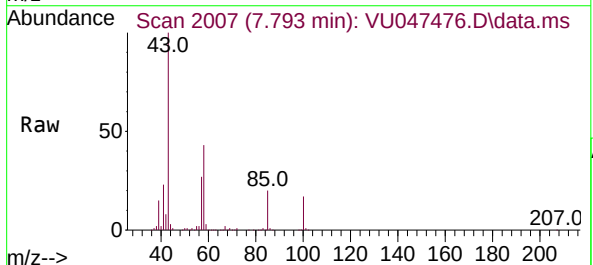
Tgt Ion: 43 Resp: 322318

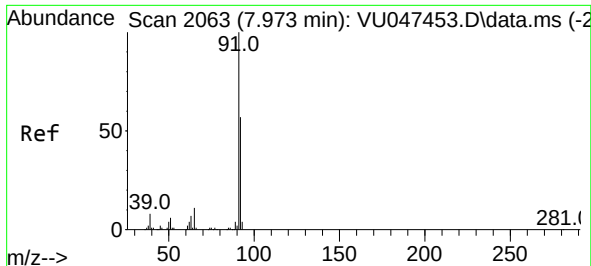
Ion Ratio Lower Upper

43 100

58 42.9 34.8 52.2

100 17.2 14.2 21.4

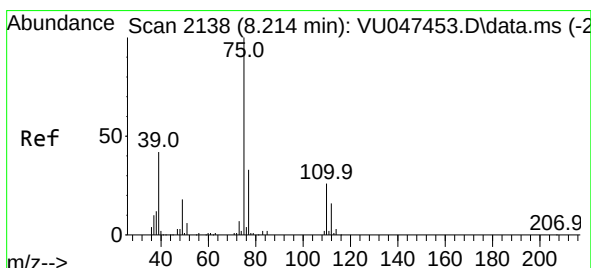
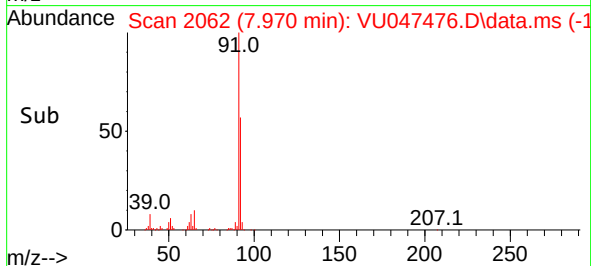
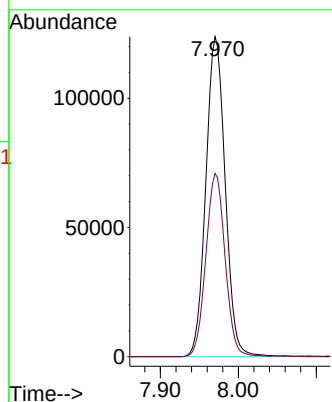
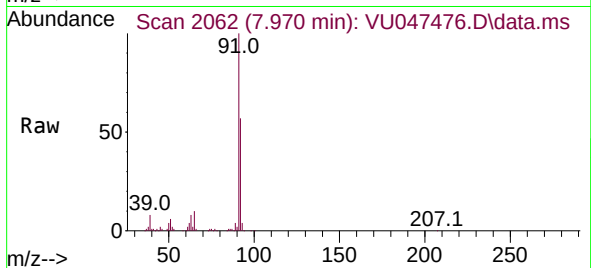




#42
Toluene
Concen: 5.483 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

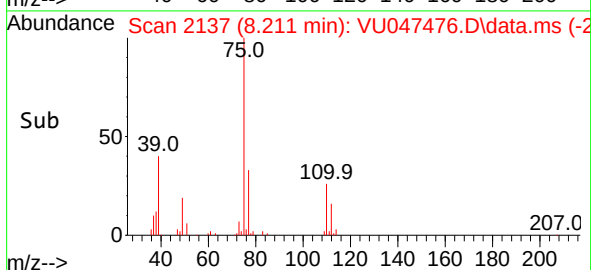
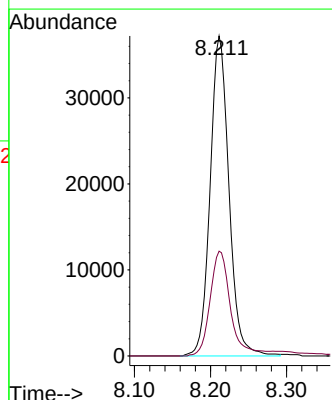
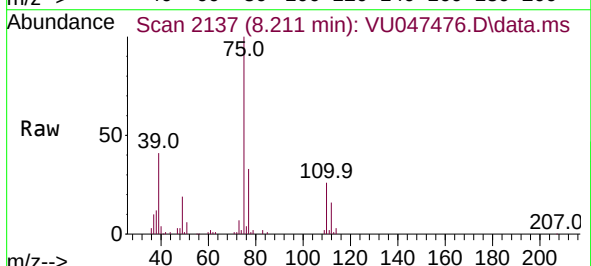
Instrument :
MSVOA_U
ClientSampleId :

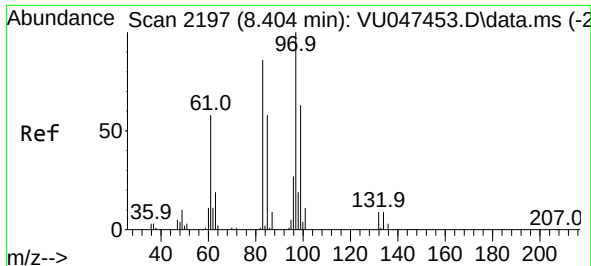
Tgt Ion: 91 Resp: 213260
Ion Ratio Lower Upper
91 100
92 57.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.244 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

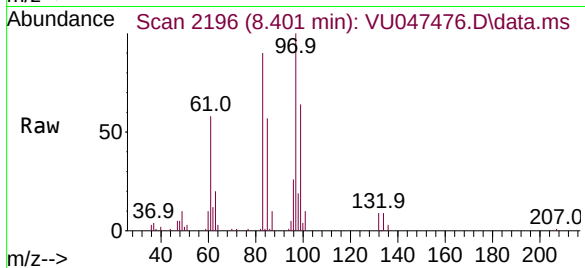
Tgt Ion: 75 Resp: 63933
Ion Ratio Lower Upper
75 100
77 32.8 23.6 43.8



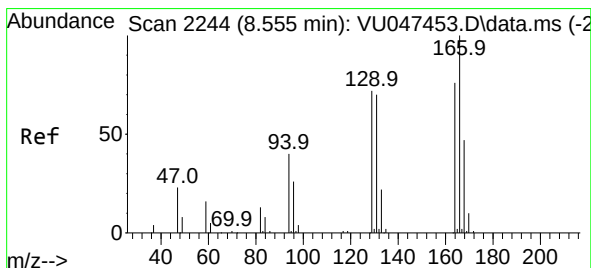
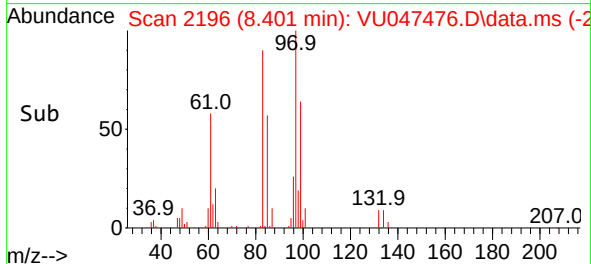
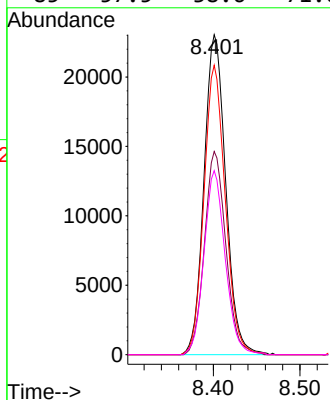


#45
1,1,2-Trichloroethane
Concen: 5.504 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Instrument :
MSVOA_U
ClientSampleId :

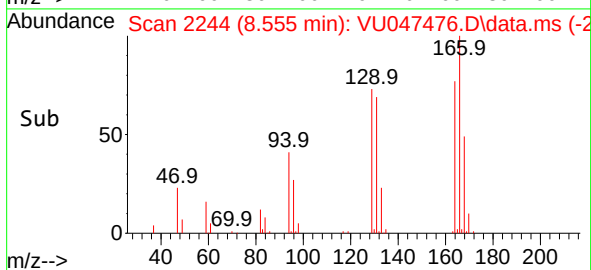
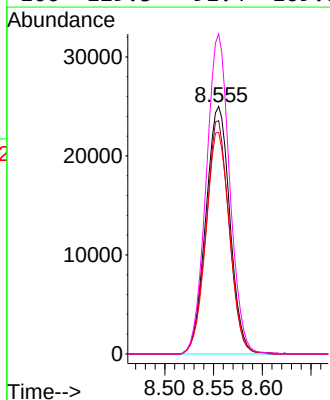
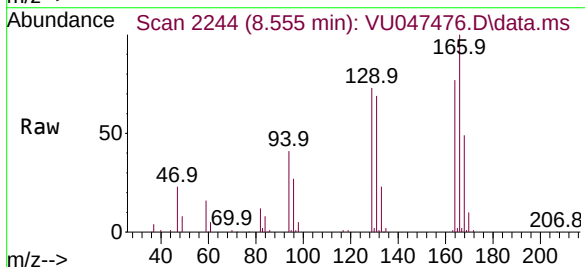


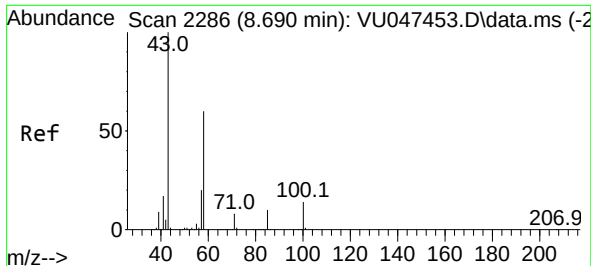
Tgt Ion: 97	Resp: 40223
Ion Ratio	Lower Upper
97 100	
99 63.5	43.3 80.5
83 90.5	59.1 109.9
85 57.5	38.6 71.6



#47
Tetrachloroethene
Concen: 5.287 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

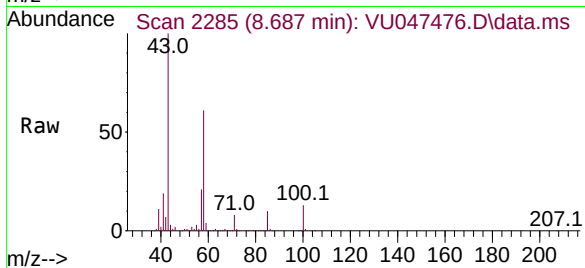
Tgt	Ion:164	Resp:	42925
Ion	Ratio	Lower	Upper
164	100		
129	94.3	64.9	120.5
131	89.5	63.6	118.2
166	129.3	91.4	169.8



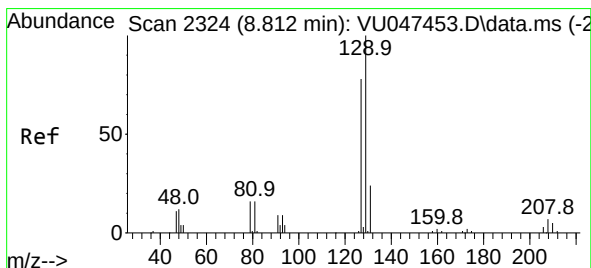
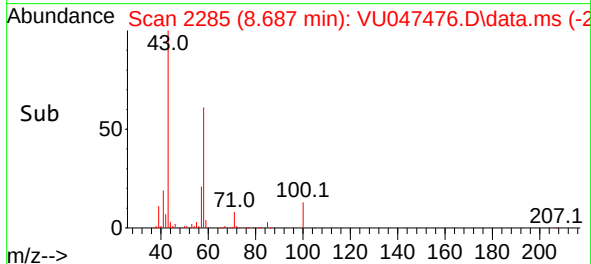
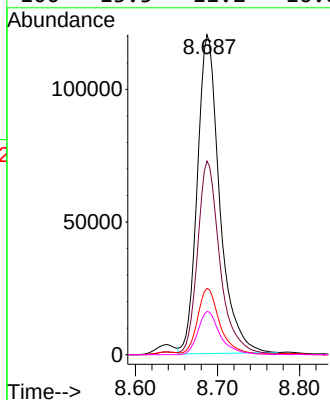


#48
2-Hexanone
Concen: 51.639 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Instrument :
MSVOA_U
ClientSampleId :

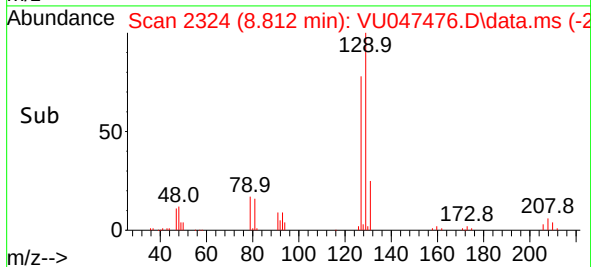
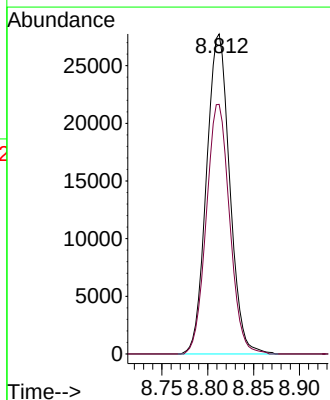
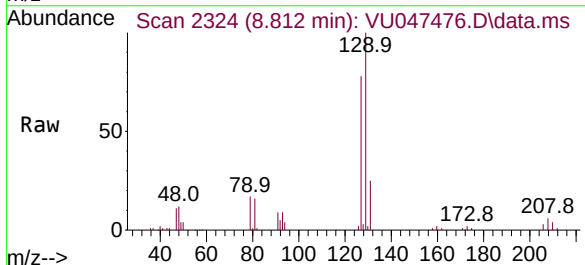


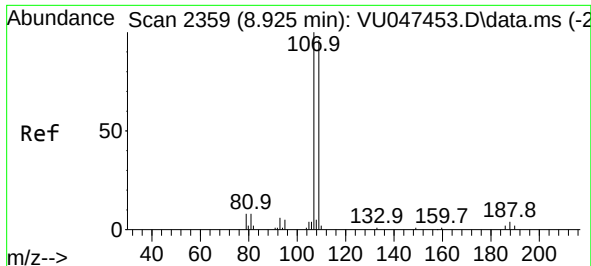
Tgt Ion: 43 Resp: 227716
Ion Ratio Lower Upper
43 100
58 60.0 47.7 71.5
57 20.8 16.6 25.0
100 13.5 11.2 16.8



#49
Dibromochloromethane
Concen: 5.510 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion: 129 Resp: 48914
Ion Ratio Lower Upper
129 100
127 78.0 52.6 97.8

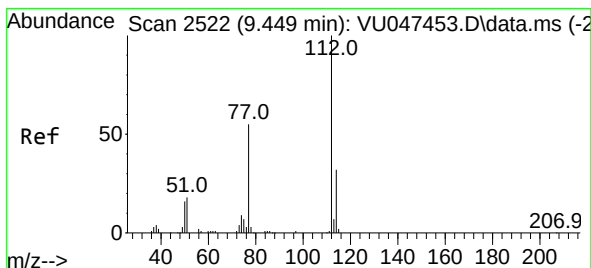
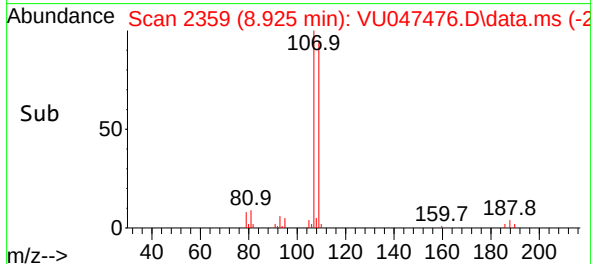
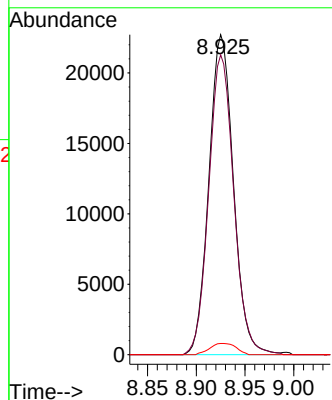
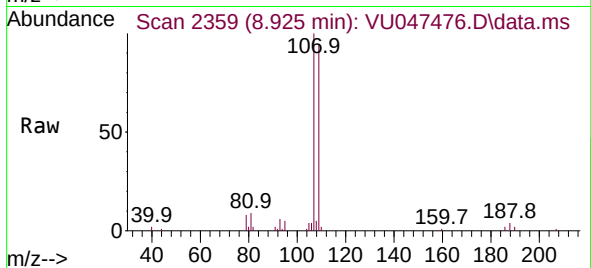




#50
1,2-Dibromoethane
Concen: 5.358 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

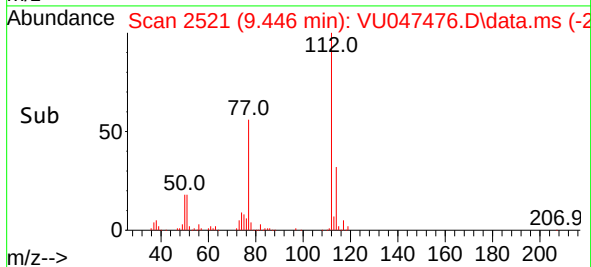
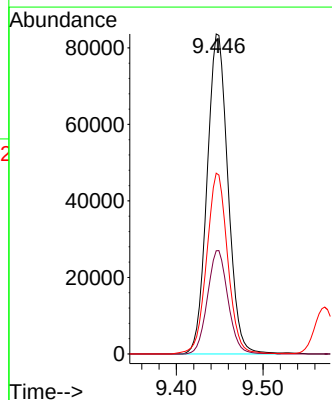
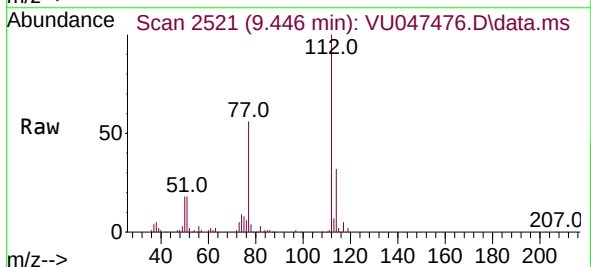
Instrument :
MSVOA_U
ClientSampleId :

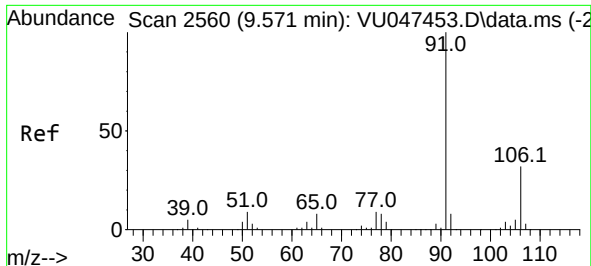
Tgt Ion:107 Resp: 39838
Ion Ratio Lower Upper
107 100
109 93.7 65.8 122.2
188 3.5 3.3 4.9



#51
Chlorobenzene
Concen: 5.381 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion:112 Resp: 140017
Ion Ratio Lower Upper
112 100
114 32.2 22.8 42.4
77 56.5 45.0 67.6

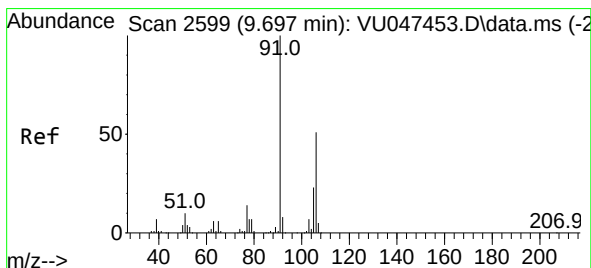
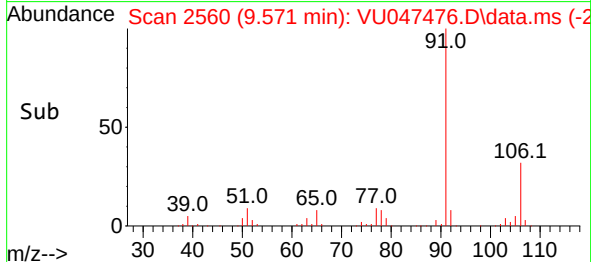
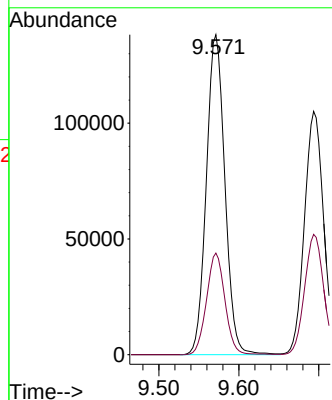
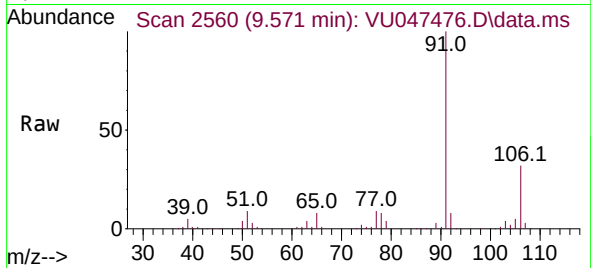




#52
Ethylbenzene
Concen: 5.301 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

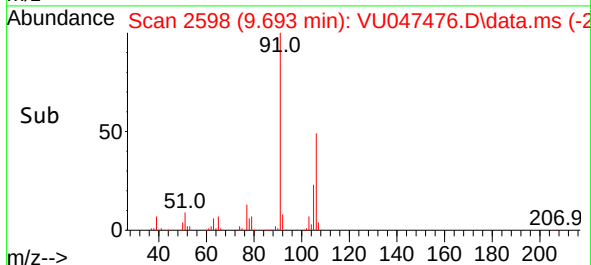
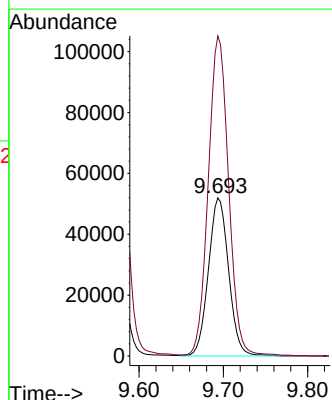
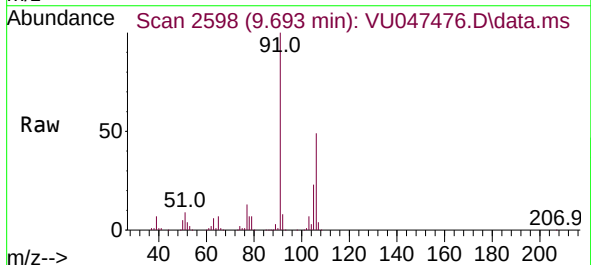
Instrument :
MSVOA_U
ClientSampleId :

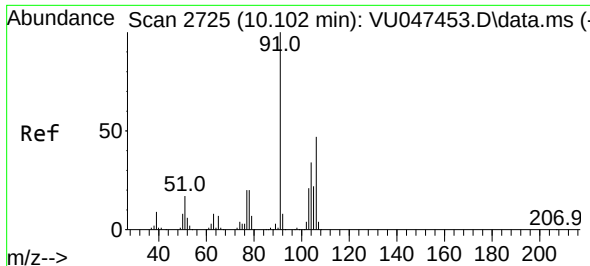
Tgt Ion: 91 Resp: 223274
Ion Ratio Lower Upper
91 100
106 31.8 22.4 41.6



#53
m,p-Xylene
Concen: 5.254 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion: 106 Resp: 86817
Ion Ratio Lower Upper
106 100
91 202.4 138.8 257.8

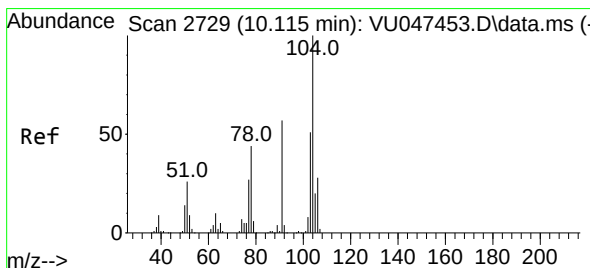
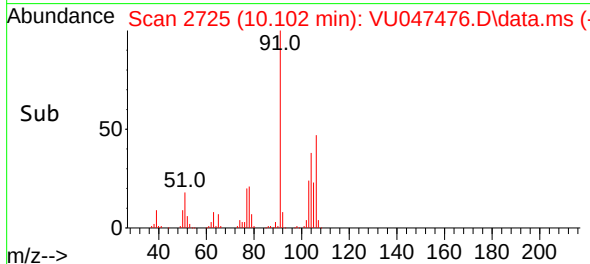
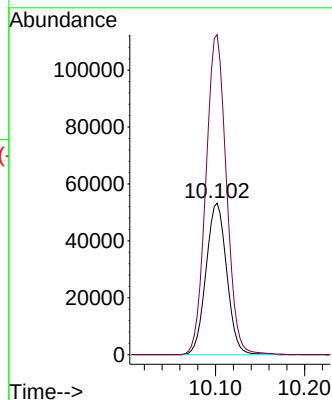
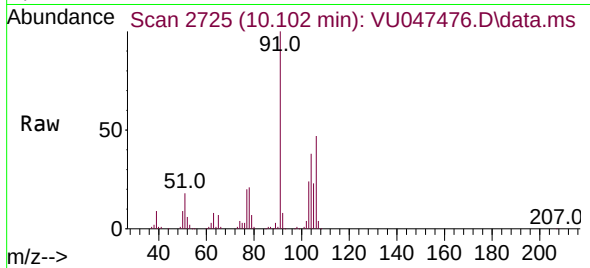




#54
o-Xylene
Concen: 5.366 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

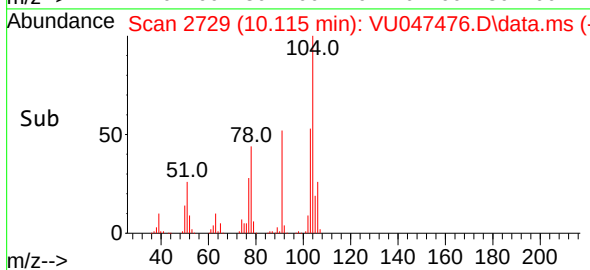
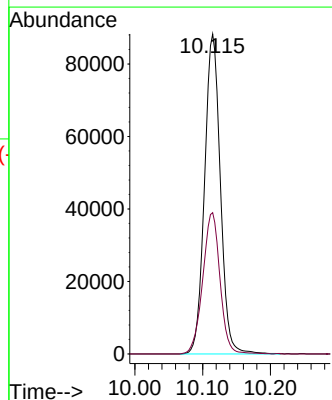
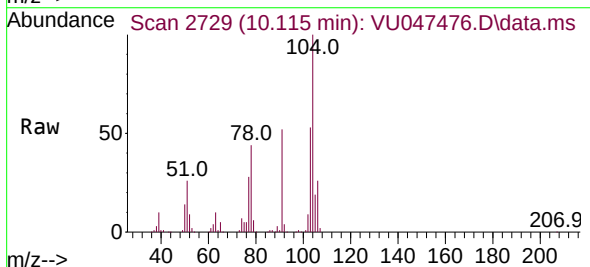
Instrument :
MSVOA_U
ClientSampleId :

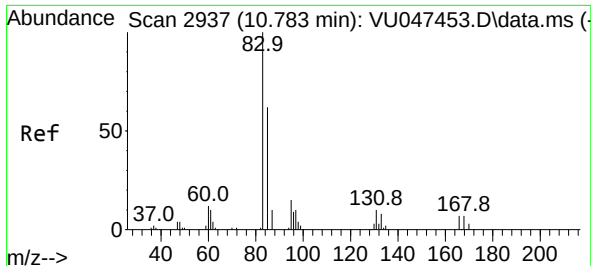
Tgt Ion:106 Resp: 85907
Ion Ratio Lower Upper
106 100
91 211.3 149.2 277.0



#55
Styrene
Concen: 5.284 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion:104 Resp: 142999
Ion Ratio Lower Upper
104 100
78 44.2 30.4 56.4

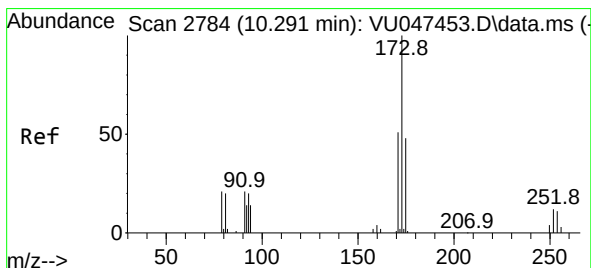
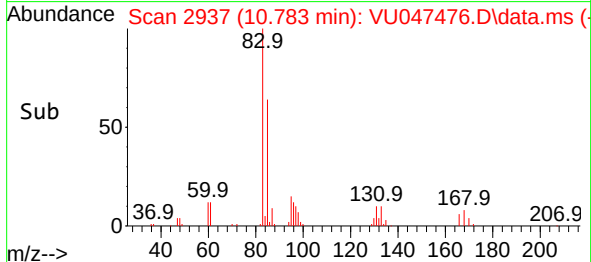
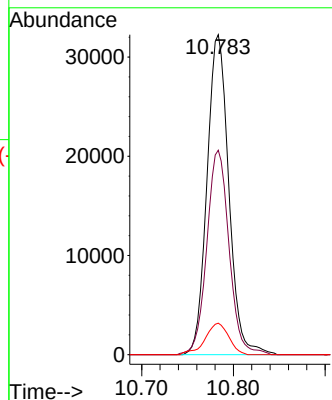
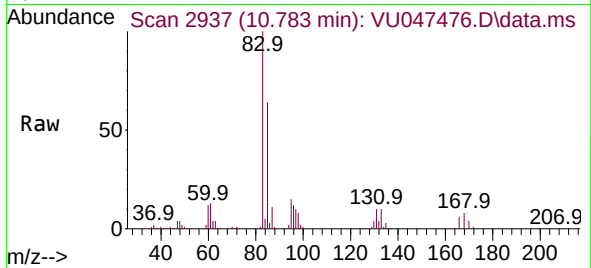




#57
1,1,2,2-Tetrachloroethane
Concen: 5.435 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

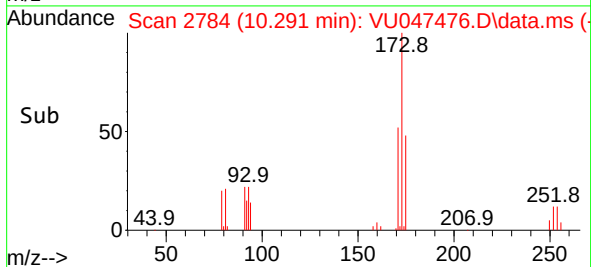
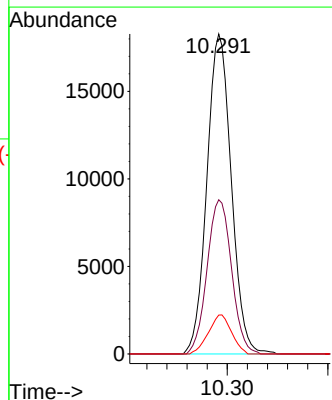
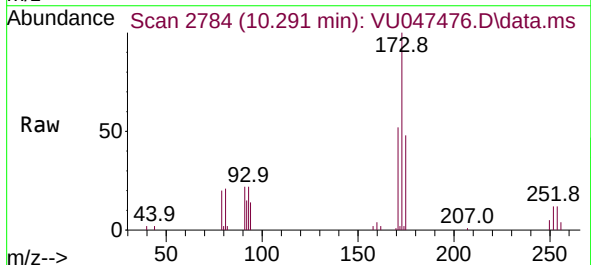
Instrument :
MSVOA_U
ClientSampleId :

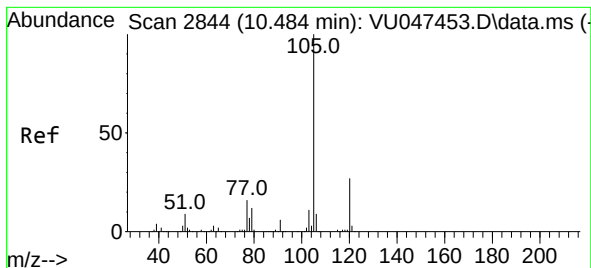
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	46.0	85.4
131	9.8	8.2	12.4



#59
Bromoform
Concen: 5.603 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.7	58.1
254	11.6	9.0	13.4





#60

Isopropylbenzene

Concen: 5.391 ug/L

RT: 10.484 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

ClientSampleId :

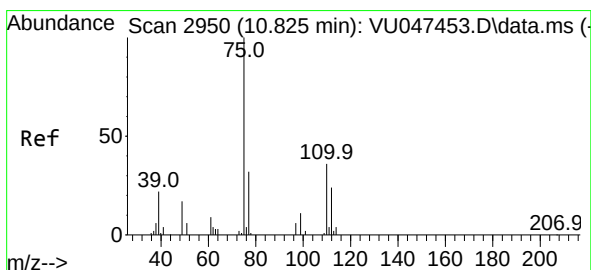
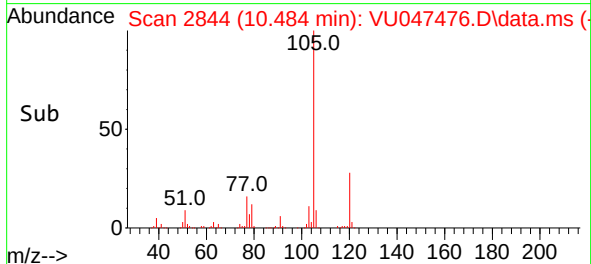
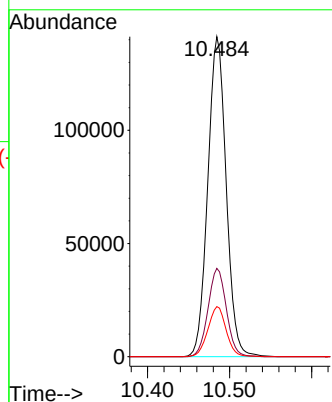
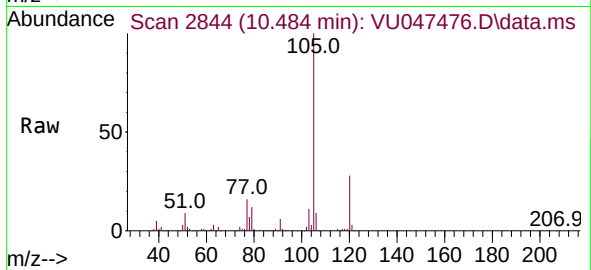
Tgt Ion:105 Resp: 219904

Ion Ratio Lower Upper

105 100

120 27.5 21.8 32.6

77 15.6 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 5.452 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

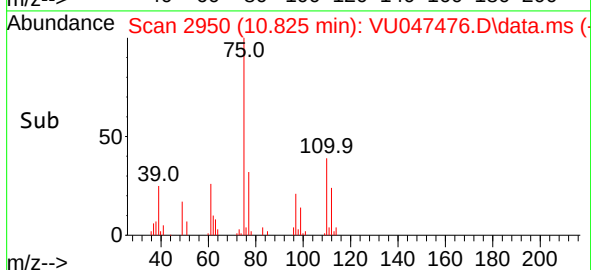
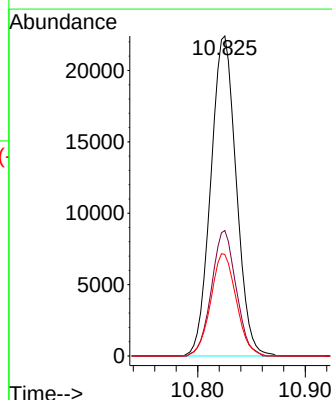
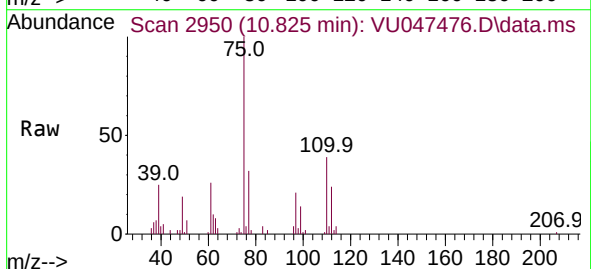
Tgt Ion: 75 Resp: 36818

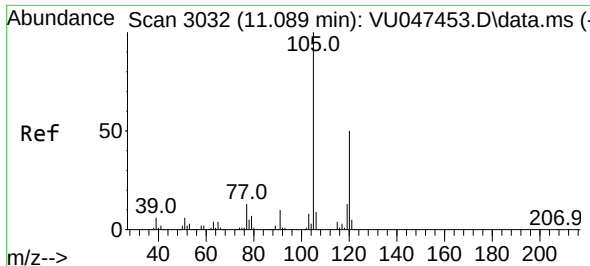
Ion Ratio Lower Upper

75 100

110 37.9 31.0 46.4

77 32.0 26.2 39.4

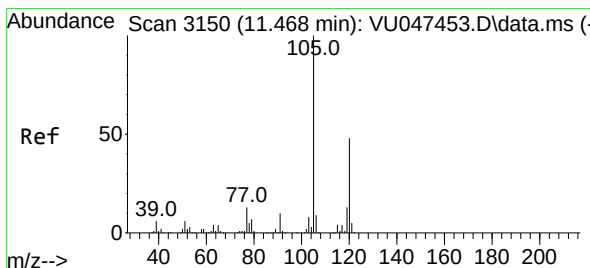
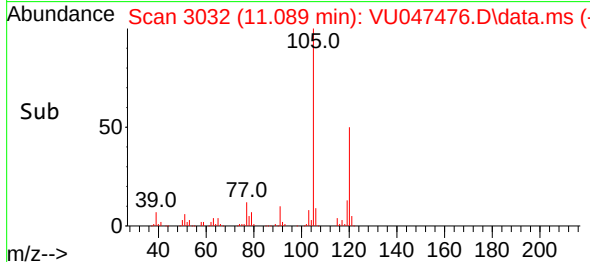
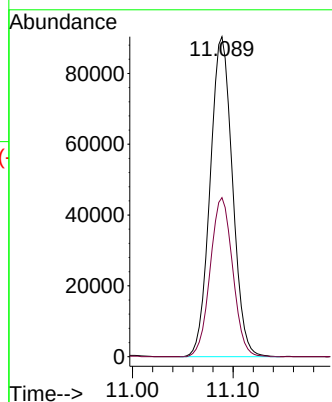
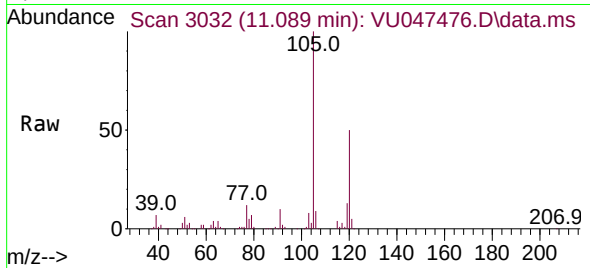




#62
 1,3,5-Trimethylbenzene
 Concen: 5.212 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047476.D
 Acq: 10 Mar 2022 22:21

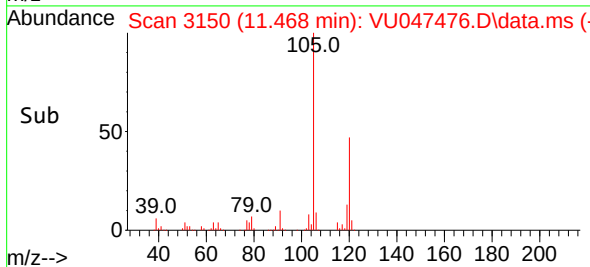
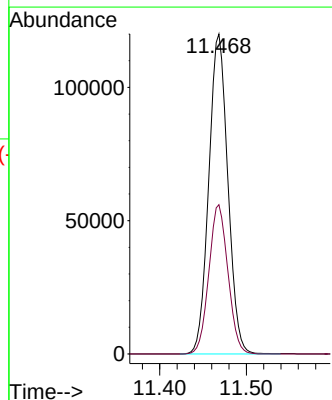
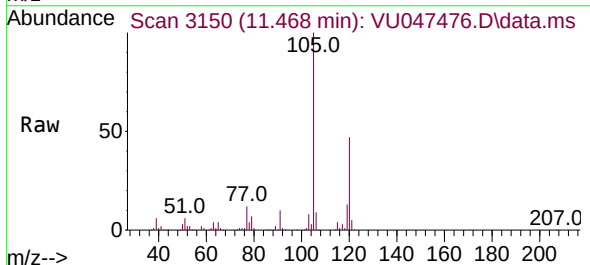
Instrument :
 MSVOA_U
 ClientSampleId :

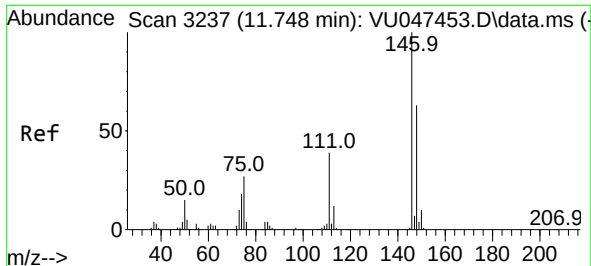
Tgt Ion:105 Resp: 139456
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.282 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047476.D
 Acq: 10 Mar 2022 22:21

Tgt Ion:105 Resp: 183328
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.2 55.8

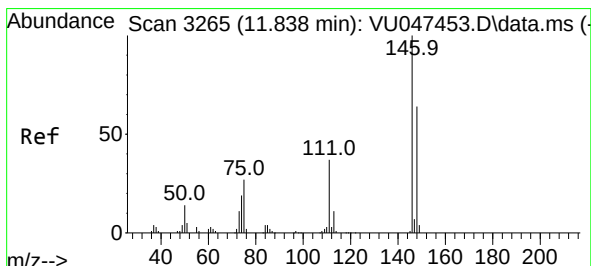
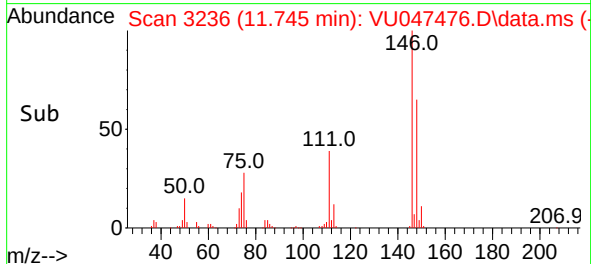
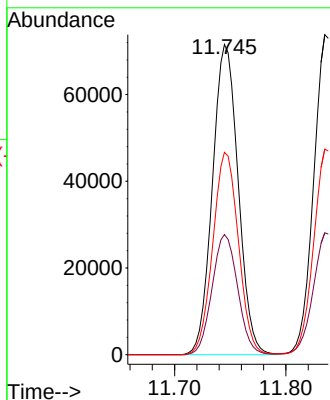
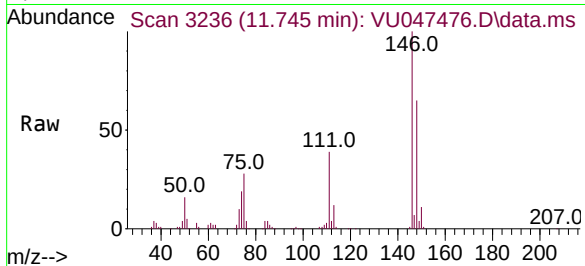




#64
1,3-Dichlorobenzene
Concen: 5.317 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

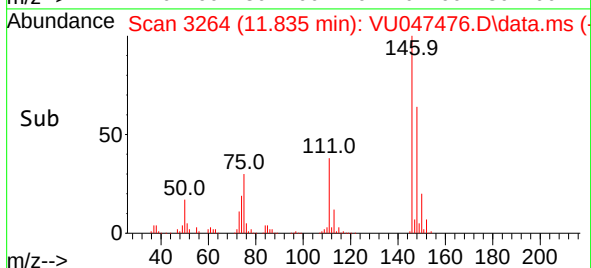
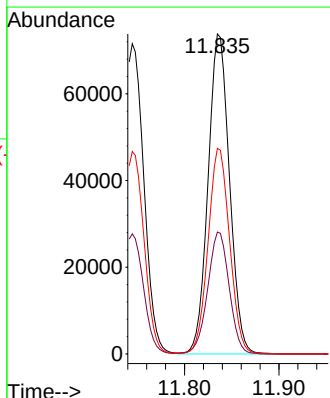
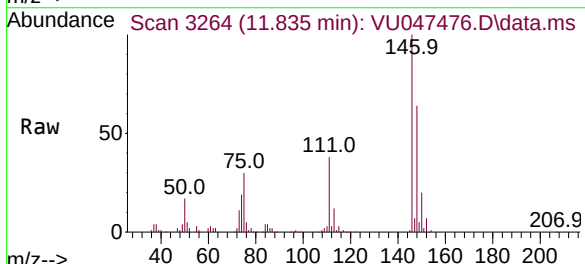
Instrument :
MSVOA_U
ClientSampleId :

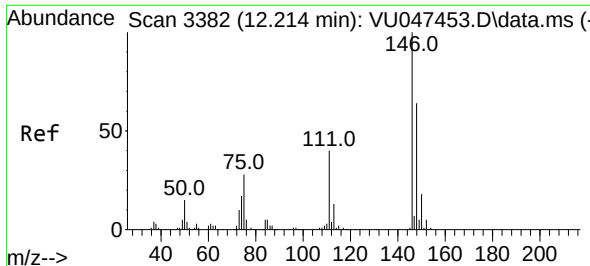
Tgt Ion:146 Resp: 114969
Ion Ratio Lower Upper
146 100
111 38.8 27.0 50.2
148 65.3 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.293 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion:146 Resp: 116225
Ion Ratio Lower Upper
146 100
111 38.1 26.1 48.5
148 64.2 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 5.433 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

Instrument :

MSVOA_U

ClientSampleId :

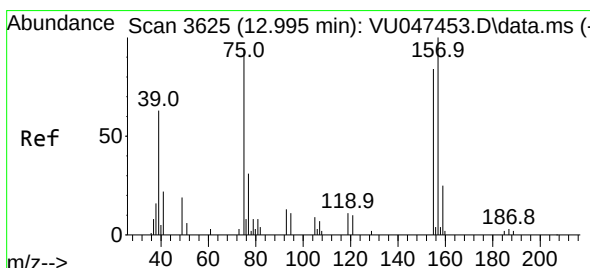
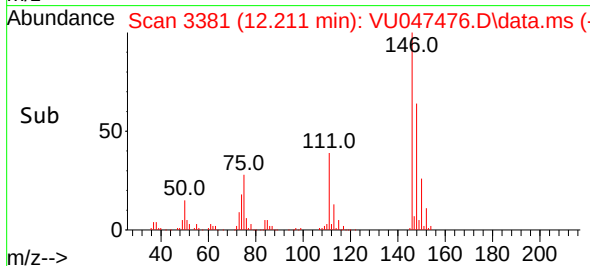
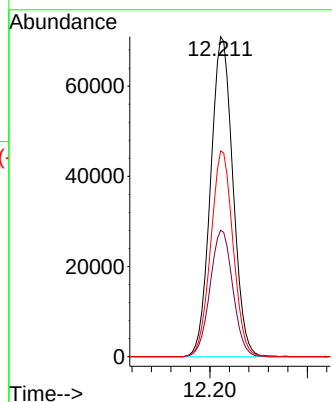
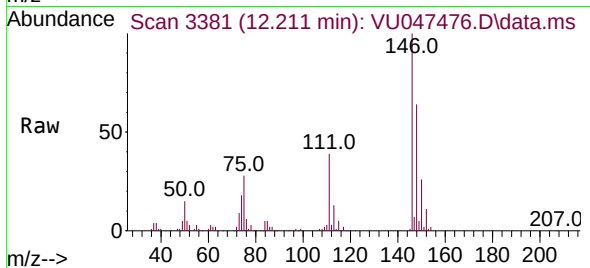
Tgt Ion:146 Resp: 112883

Ion Ratio Lower Upper

146 100

111 39.5 31.9 47.9

148 64.3 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.578 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU047476.D

Acq: 10 Mar 2022 22:21

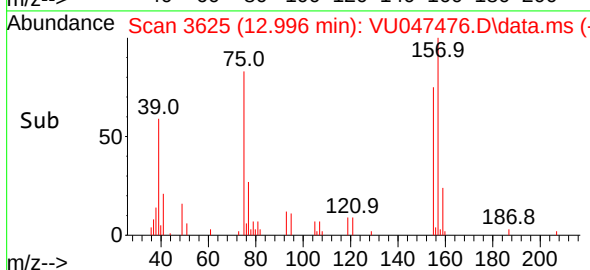
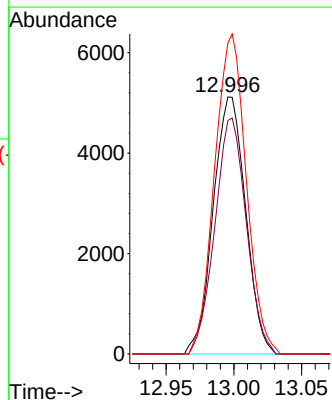
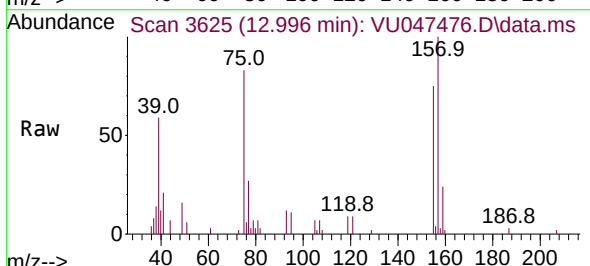
Tgt Ion: 75 Resp: 8493

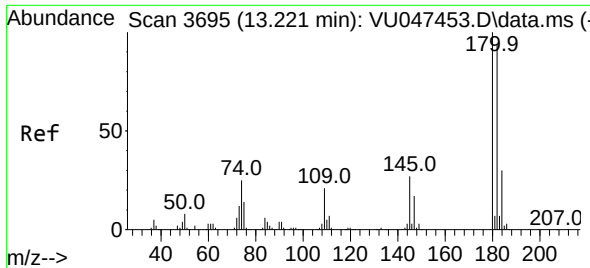
Ion Ratio Lower Upper

75 100

155 90.9 71.3 106.9

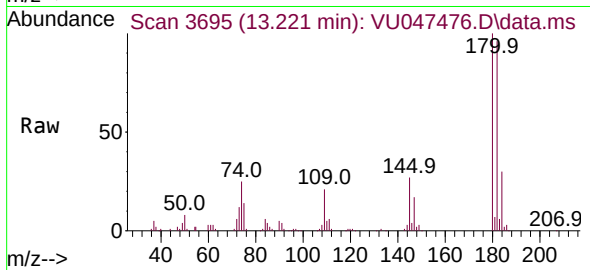
157 121.0 88.6 132.8



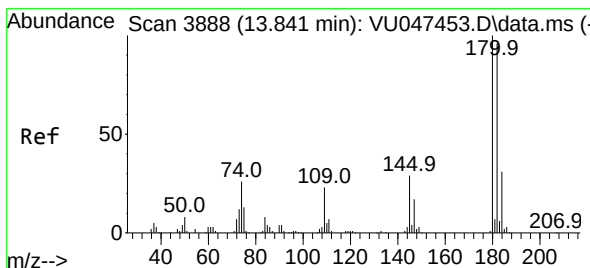
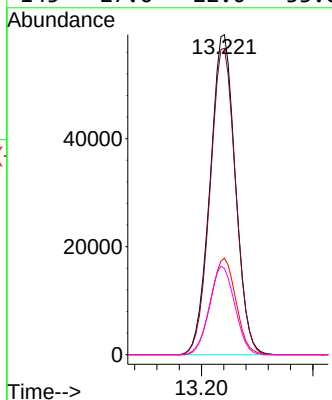
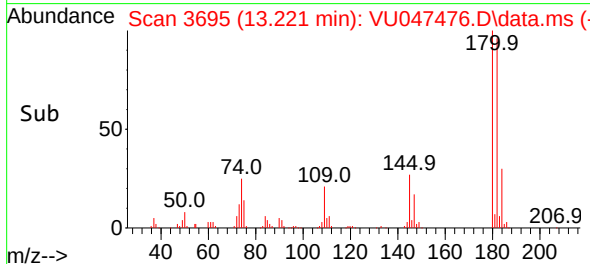


#69
 1,3,5-Trichlorobenzene
 Concen: 5.262 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047476.D
 Acq: 10 Mar 2022 22:21

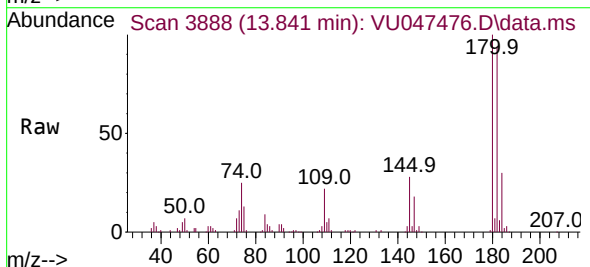
Instrument :
 MSVOA_U
 ClientSampleId :



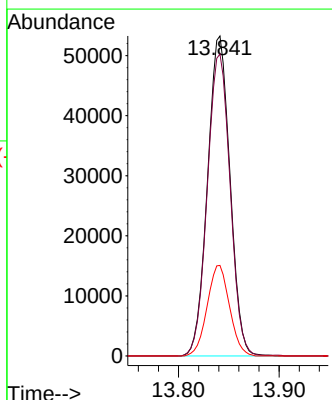
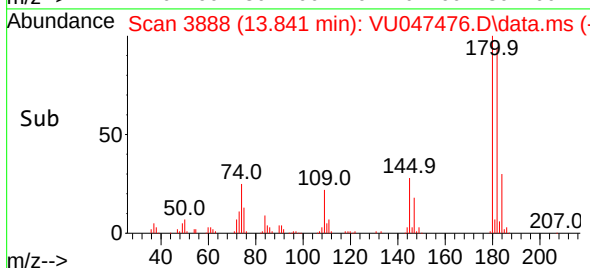
Tgt Ion:180 Resp: 93320
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 184 30.2 25.0 37.4
 145 27.6 22.0 33.0

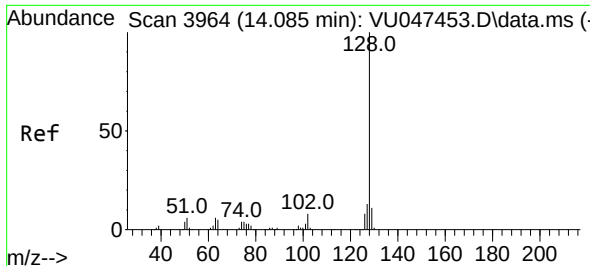


#70
 1,2,4-trichlorobenzene
 Concen: 5.235 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047476.D
 Acq: 10 Mar 2022 22:21



Tgt Ion:180 Resp: 82754
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.6 114.8
 145 28.2 22.4 33.6

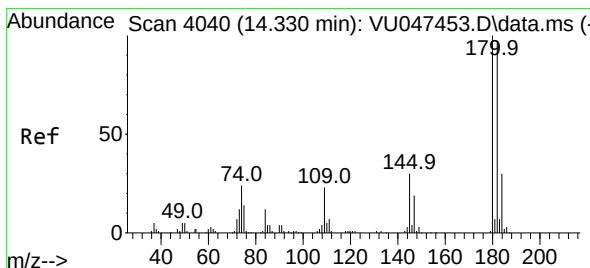
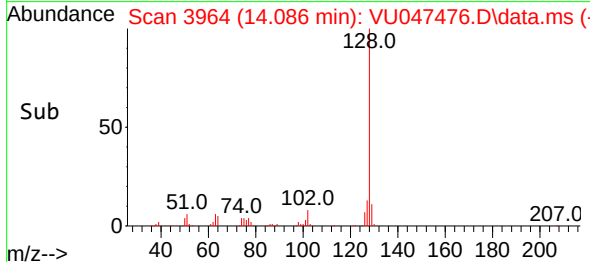
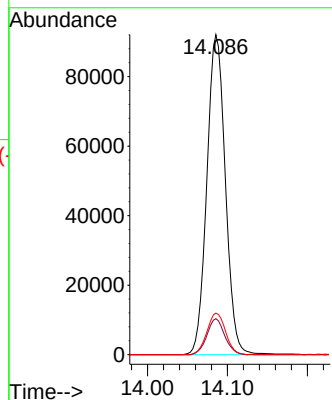
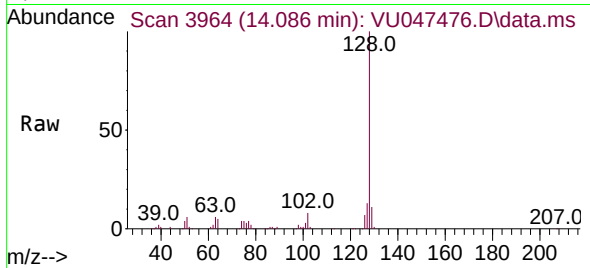




#71
Naphthalene
Concen: 5.254 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 148551
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.445 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047476.D
Acq: 10 Mar 2022 22:21

Tgt Ion:180 Resp: 78919
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.6
145 29.0 23.4 35.2

