

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046577.D
 Acq On : 23 Dec 2021 19:49
 Operator : SY/MD
 Sample : M5175-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 24 04:57:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	82894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81701	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22052	3.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.919	69	19163	3.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.571	65	9559	3.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.655	46	100145	52.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.760%
24) Chloroform-d	5.070	84	53265	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.706	65	30141	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.732	84	90922	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.694	67	29310	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.899	98	79816	3.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.182	79	13020	4.113	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.639	63	95377	51.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33118	4.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	33505	4.241	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64451	5.081	ug/L	99
3) Chloromethane	1.523	50	50436	4.617	ug/L	99
5) Vinyl chloride	1.607	62	51679	4.805	ug/L	99
6) Bromomethane	1.864	94	30550	4.719	ug/L	100
8) Chloroethane	1.941	64	30213	4.785	ug/L	99
9) Trichlorofluoromethane	2.144	101	73489	5.224	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37158	5.189	ug/L	93
12) 1,1-Dichloroethene	2.584	96	37274	5.112	ug/L #	77
13) Acetone	2.678	43	83011	46.749	ug/L	93
14) Carbon disulfide	2.800	76	123351	5.179	ug/L	99
15) Methyl Acetate	2.967	43	16879	4.706	ug/L	92
16) Methylene chloride	3.054	84	41466	4.674	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	108456	5.099	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	39052	5.020	ug/L	96
19) 1,1-Dichloroethane	3.874	63	71617	4.997	ug/L	98
21) 2-Butanone	4.732	43	141222	52.421	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	46023	5.413	ug/L	97
23) Bromochloromethane	4.980	128	20632	4.875	ug/L	89
25) Chloroform	5.092	83	76264	4.926	ug/L	97

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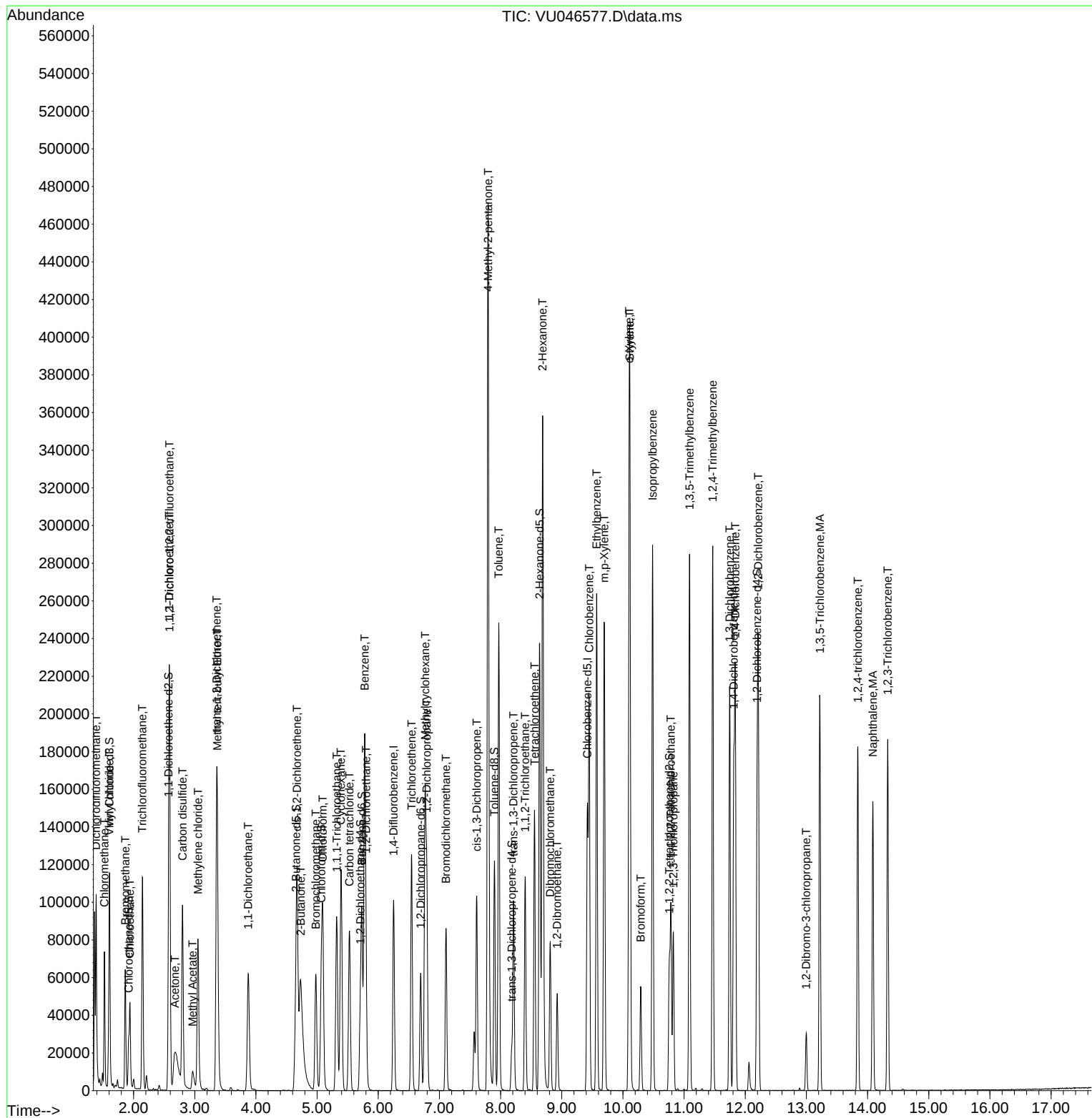
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	55342	5.008	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	69784	5.165	ug/L	97
30) Cyclohexane	5.391	56	58404	5.226	ug/L	95
31) Carbon tetrachloride	5.530	117	60145	5.306	ug/L	98
33) Benzene	5.777	78	164391	5.064	ug/L	100
34) Trichloroethene	6.546	95	42556	4.973	ug/L	98
35) Methylcyclohexane	6.767	83	62223	5.157	ug/L	96
37) 1,2-Dichloropropane	6.793	63	41149	4.969	ug/L	98
38) Bromodichloromethane	7.108	83	56492	4.929	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	61949	4.942	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	310301	49.922	ug/L	96
42) Toluene	7.970	91	178820	5.367	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	57211	4.925	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	35291	4.942	ug/L	96
47) Tetrachloroethene	8.555	164	32142	5.308	ug/L	95
48) 2-Hexanone	8.687	43	228881	49.307	ug/L	97
49) Dibromochloromethane	8.812	129	40969	4.974	ug/L	99
50) 1,2-Dibromoethane	8.925	107	34588	5.018	ug/L #	97
51) Chlorobenzene	9.449	112	109302	5.132	ug/L	99
52) Ethylbenzene	9.571	91	184652	5.354	ug/L	100
53) m,p-Xylene	9.697	106	72152	5.461	ug/L	94
54) o-Xylene	10.102	106	70503	5.553	ug/L	94
55) Styrene	10.115	104	121620	5.523	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	47368	5.076	ug/L	94
59) Bromoform	10.291	173	24603	4.966	ug/L	97
60) Isopropylbenzene	10.484	105	184910	5.591	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	34805	4.887	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	153501	5.581	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	156891	5.664	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	86136	5.358	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	86504	5.256	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	83696	5.190	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	8082	4.902	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	63656	5.232	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	54650	5.303	ug/L	99
71) Naphthalene	14.086	128	122740	5.363	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55001	5.391	ug/L	99

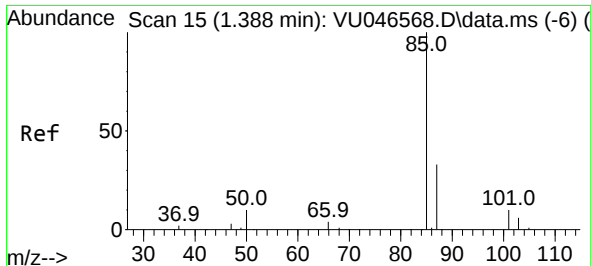
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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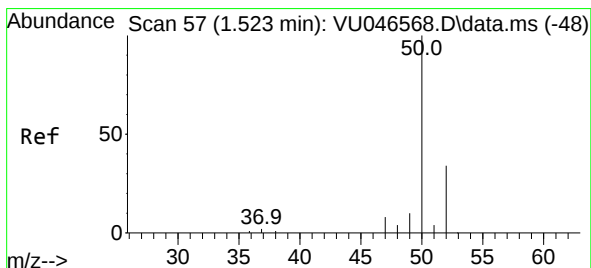
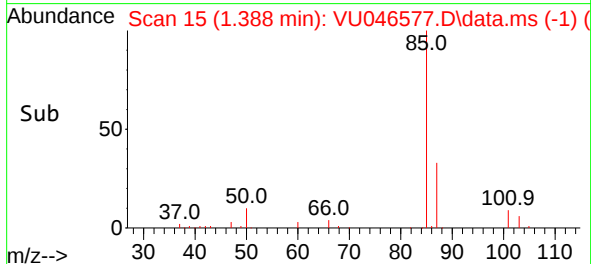
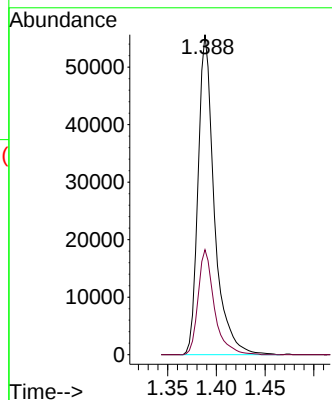
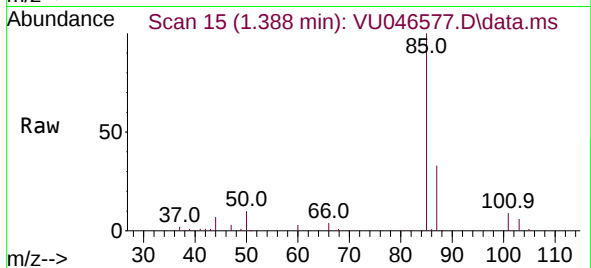




#2
Dichlorodifluoromethane
Concen: 5.081 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

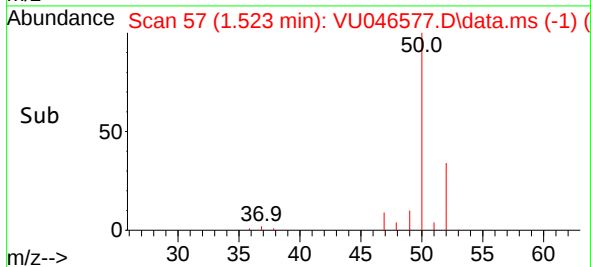
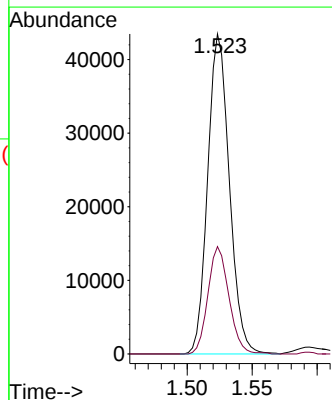
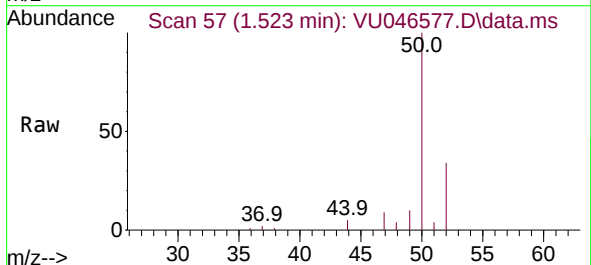
Instrument :
MSVOA_U
ClientSampleId :

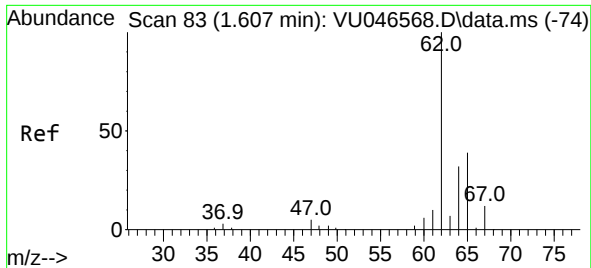
Tgt Ion: 85 Resp: 64451
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.6



#3
Chloromethane
Concen: 4.617 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

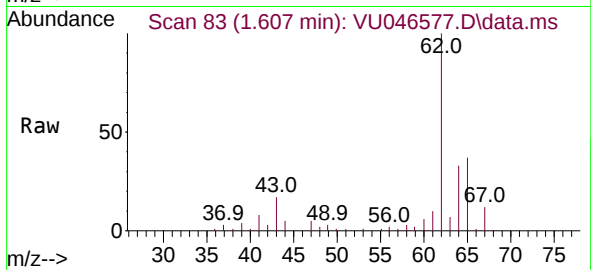
Tgt Ion: 50 Resp: 50436
Ion Ratio Lower Upper
50 100
52 33.5 23.0 42.8



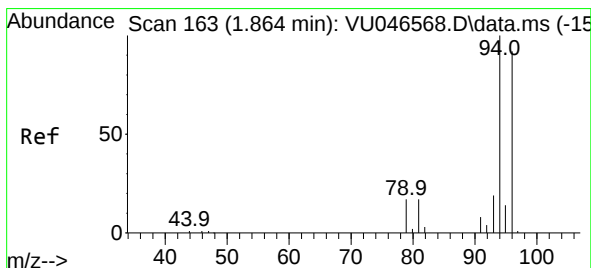
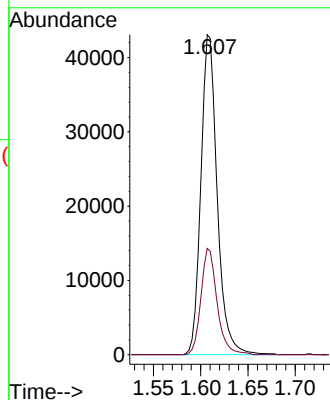
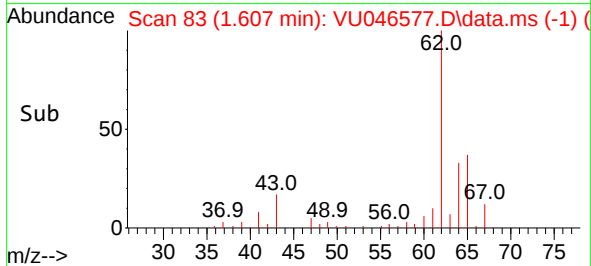


#5
 Vinyl chloride
 Concen: 4.805 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046577.D
 Acq: 23 Dec 2021 19:49

Instrument :
 MSVOA_U
 ClientSampleId :

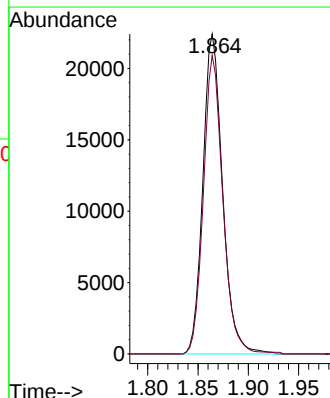
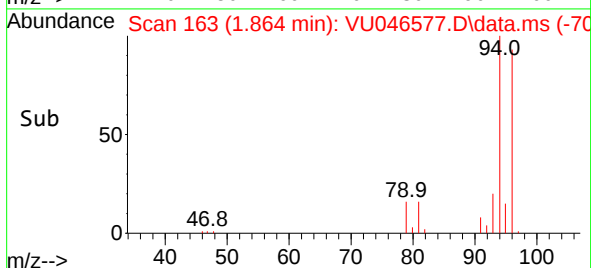
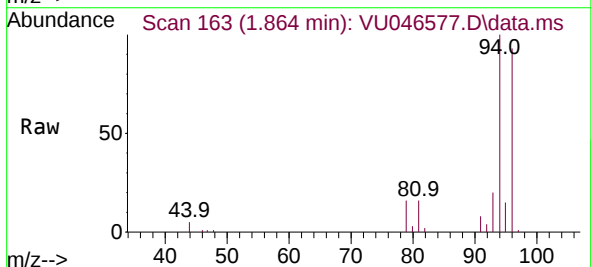


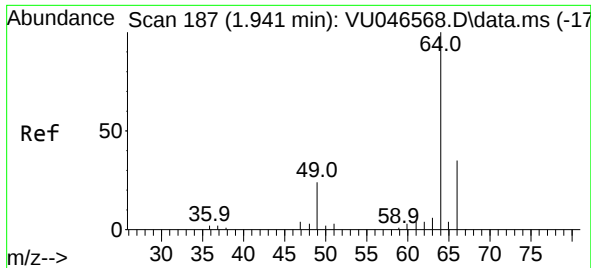
Tgt Ion: 62 Resp: 51679
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 4.719 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046577.D
 Acq: 23 Dec 2021 19:49

Tgt Ion: 94 Resp: 30550
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.5 121.6

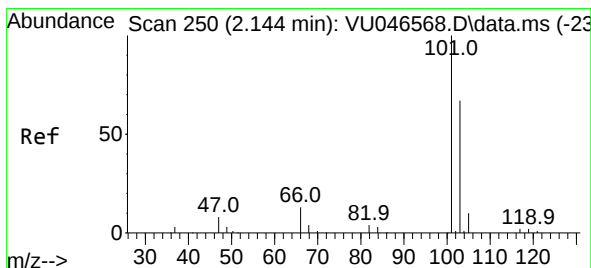
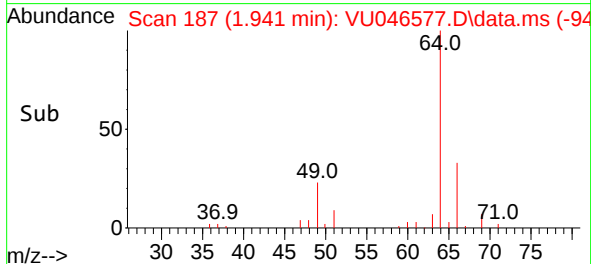
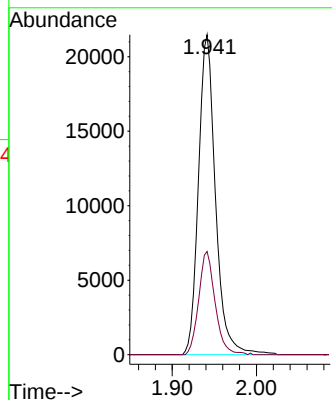
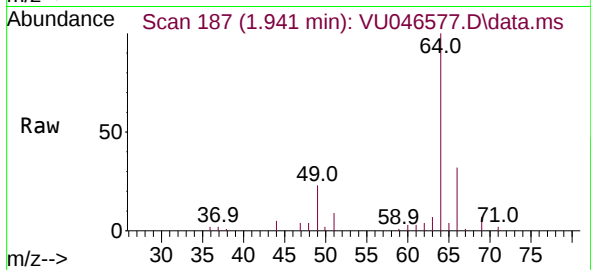




#8
Chloroethane
Concen: 4.785 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

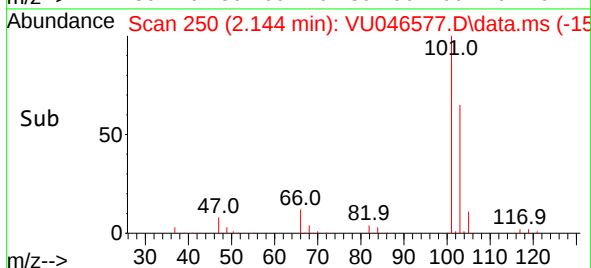
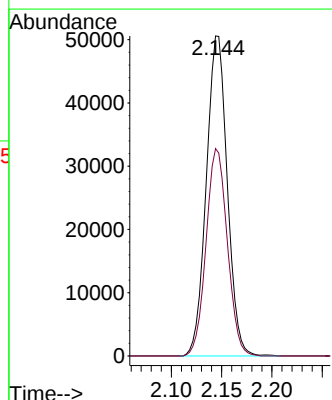
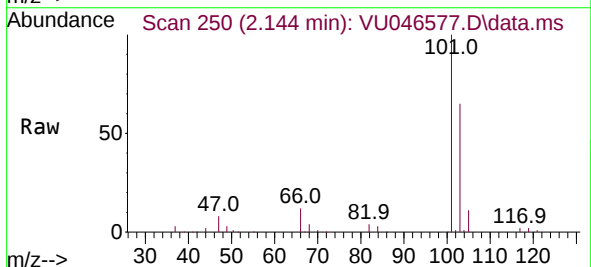
Instrument :
MSVOA_U
ClientSampleId :

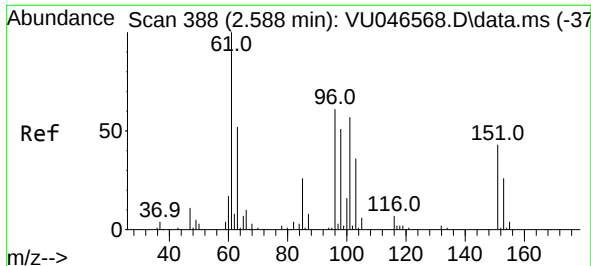
Tgt Ion: 64 Resp: 30213
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.224 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion:101 Resp: 73489
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3

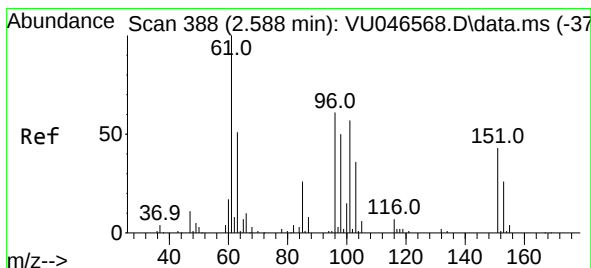
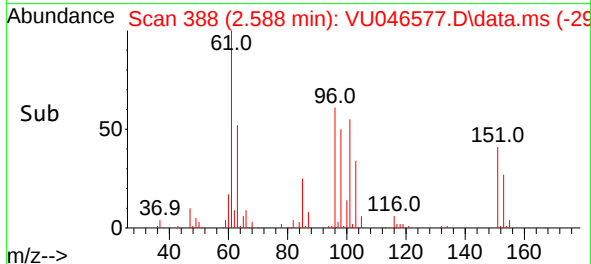
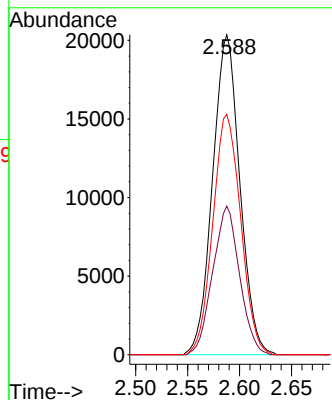
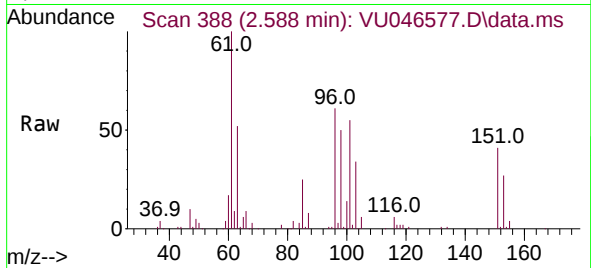




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.189 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046577.D
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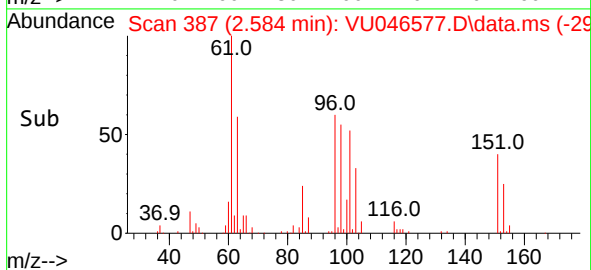
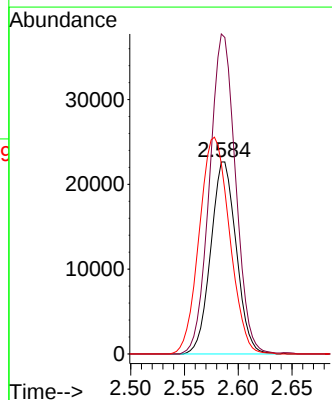
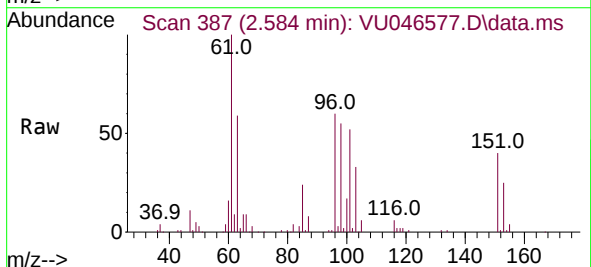
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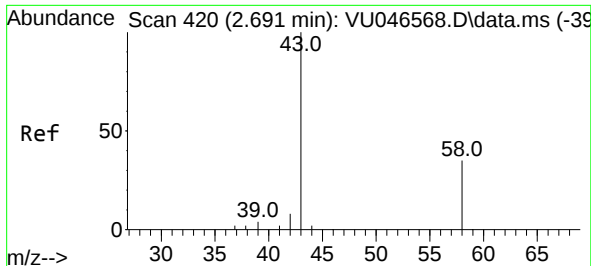
Tgt Ion:101 Resp: 37158
Ion Ratio Lower Upper
101 100
85 45.7 34.6 51.8
151 76.9 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.112 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion: 96 Resp: 37274
Ion Ratio Lower Upper
96 100
61 166.7 124.7 231.5
63 99.2 105.2 195.4#





#13

Acetone

Concen: 46.749 ug/L

RT: 2.678 min Scan# 416

Delta R.T. -0.016 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

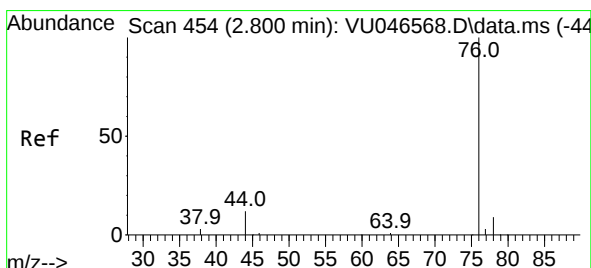
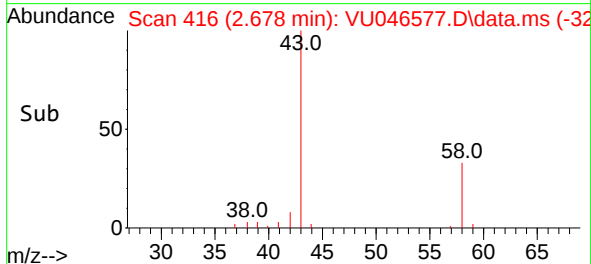
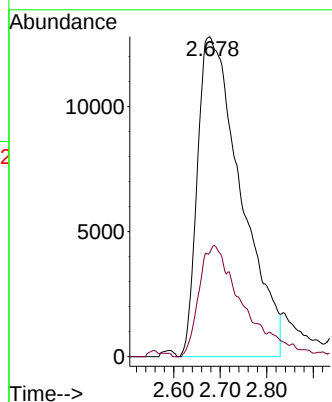
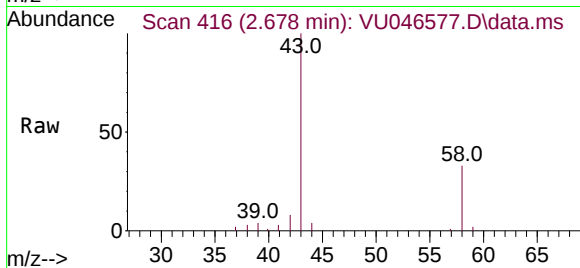
ClientSampleId :

Tgt Ion: 43 Resp: 83011

Ion Ratio Lower Upper

43 100

58 31.8 0.0 71.6



#14

Carbon disulfide

Concen: 5.179 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046577.D

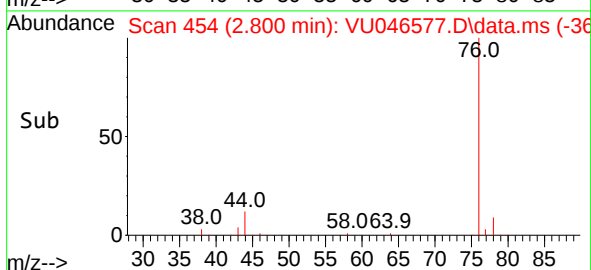
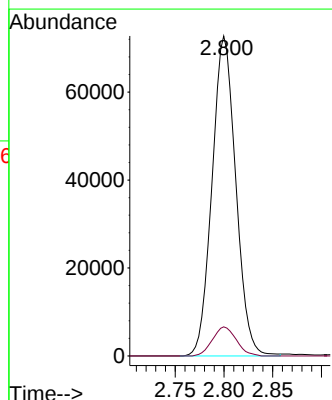
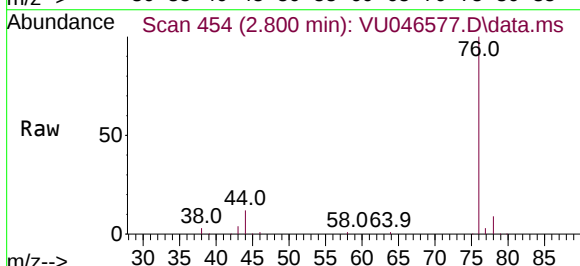
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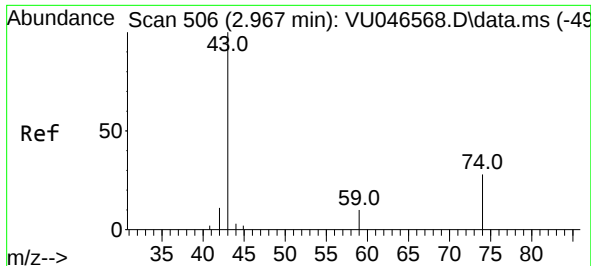
Tgt Ion: 76 Resp: 123351

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

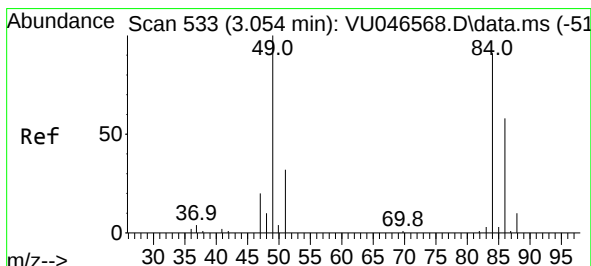
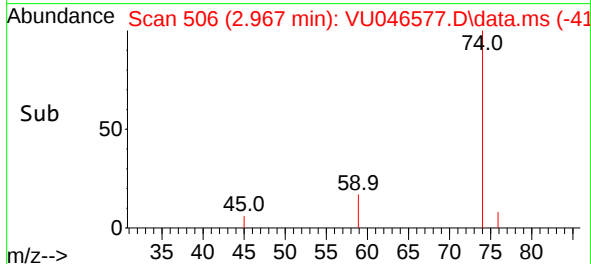
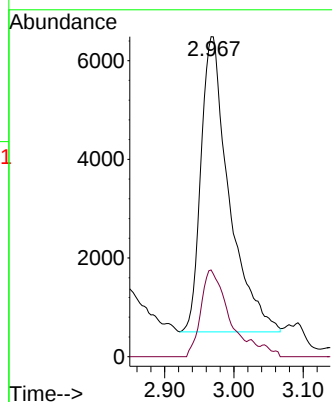
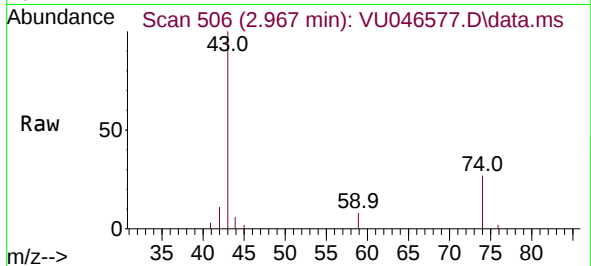




#15
Methyl Acetate
Concen: 4.706 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

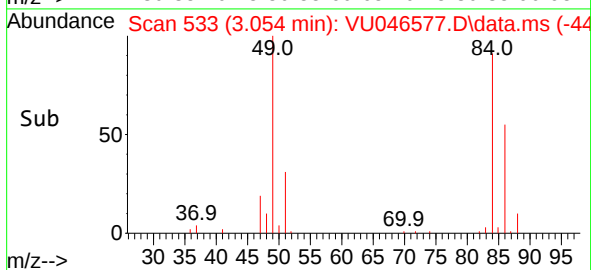
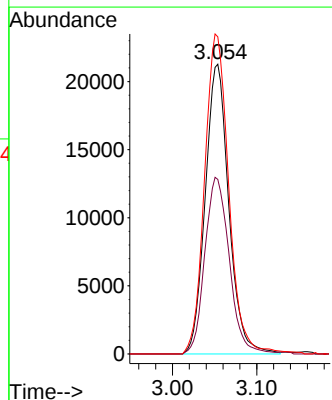
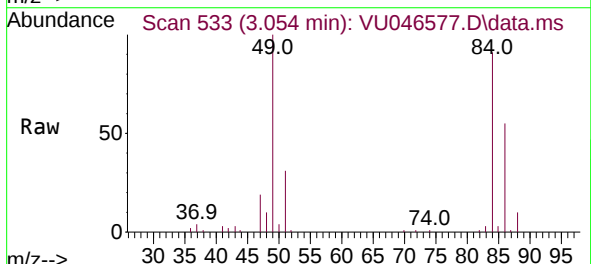
Instrument :
MSVOA_U
ClientSampleId :

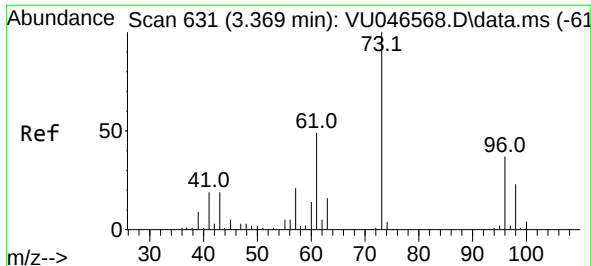
Tgt Ion: 43 Resp: 16879
Ion Ratio Lower Upper
43 100
74 27.6 19.1 28.7



#16
Methylene chloride
Concen: 4.674 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion: 84 Resp: 41466
Ion Ratio Lower Upper
84 100
86 60.3 45.8 85.0
49 109.4 84.5 156.9

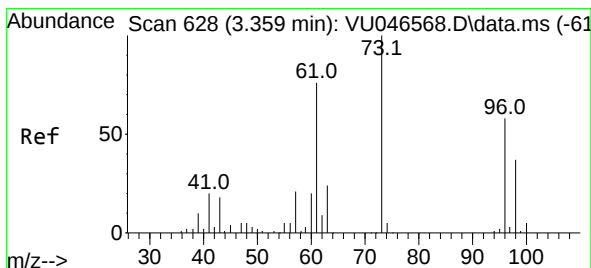
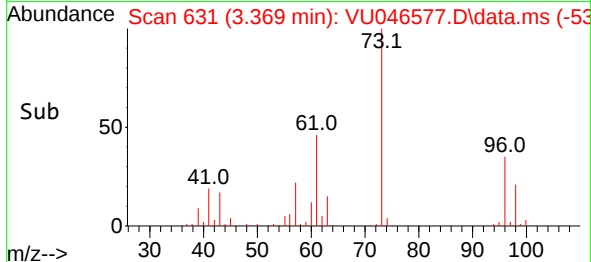
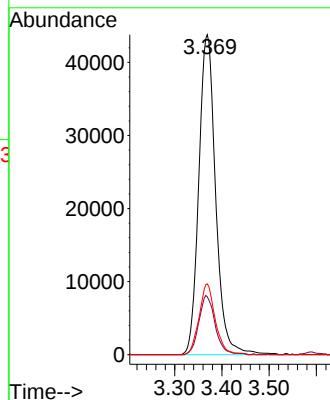
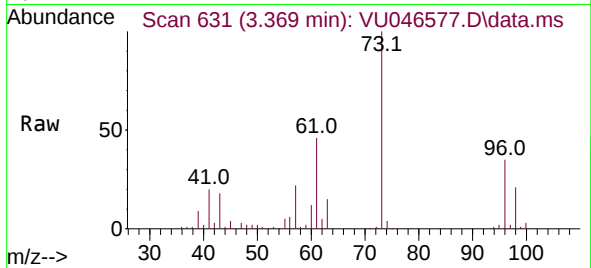




#17
Methyl tert-butyl Ether
Concen: 5.099 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

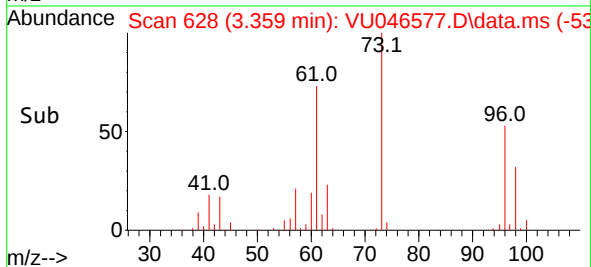
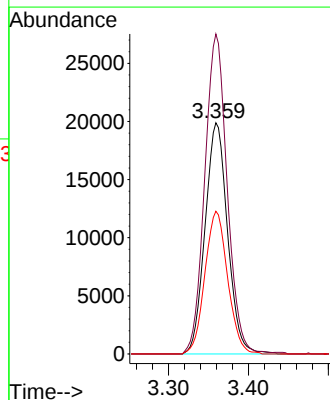
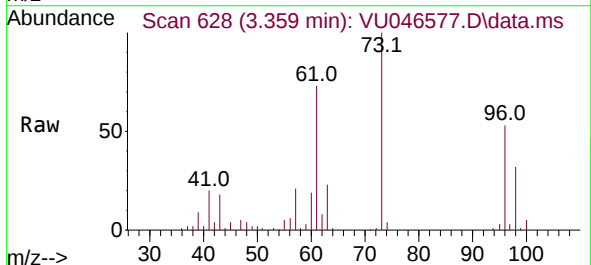
Instrument :
MSVOA_U
ClientSampleId :

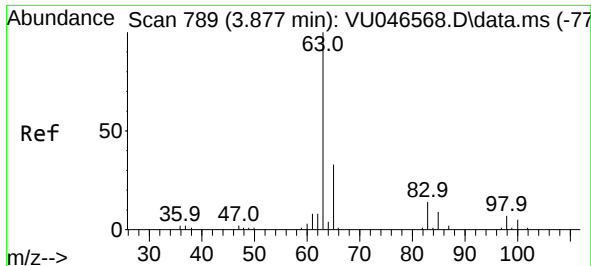
Tgt Ion: 73 Resp: 108456
Ion Ratio Lower Upper
73 100
43 18.0 14.8 22.2
57 21.1 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.020 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion: 96 Resp: 39052
Ion Ratio Lower Upper
96 100
61 138.4 100.8 187.2
98 61.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.997 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046577.D

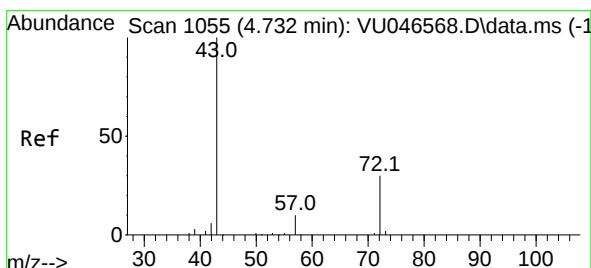
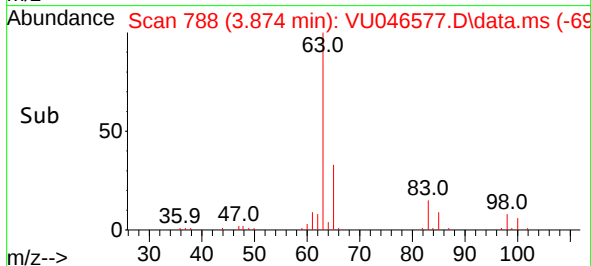
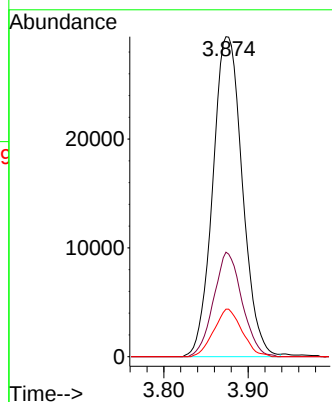
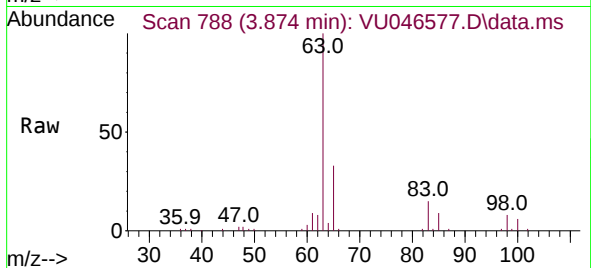
Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 71617
Ion Ratio	Lower Upper
63 100	
65 32.6	22.3 41.5
83 14.9	9.6 17.8



#21

2-Butanone

Concen: 52.421 ug/L

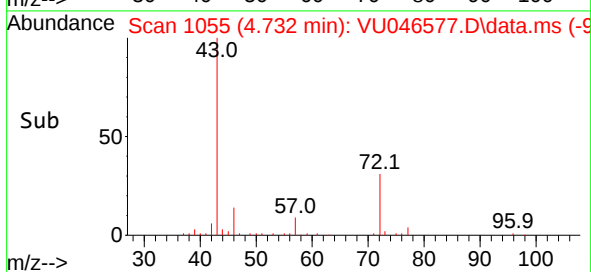
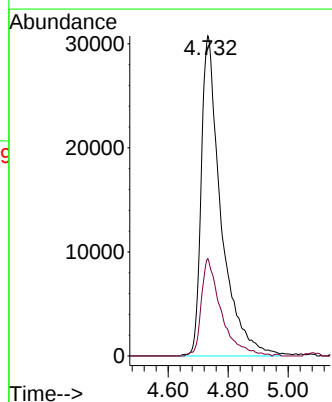
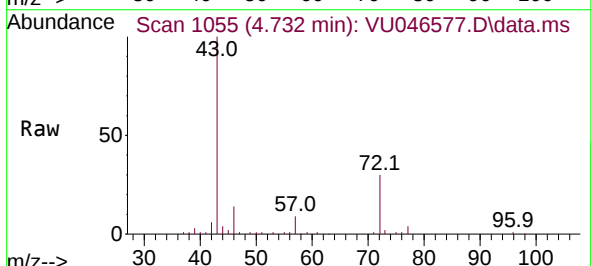
RT: 4.732 min Scan# 1055

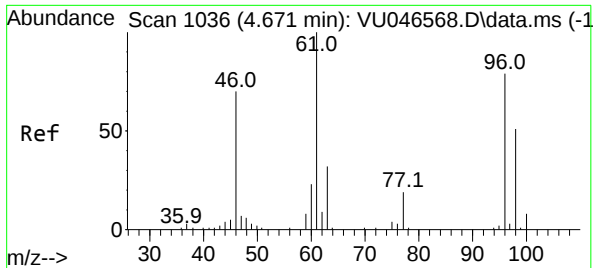
Delta R.T. -0.003 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Tgt Ion: 43	Resp: 141222
Ion Ratio	Lower Upper
43 100	
72 29.8	14.1 42.3

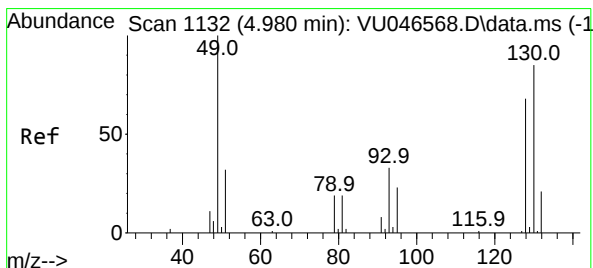
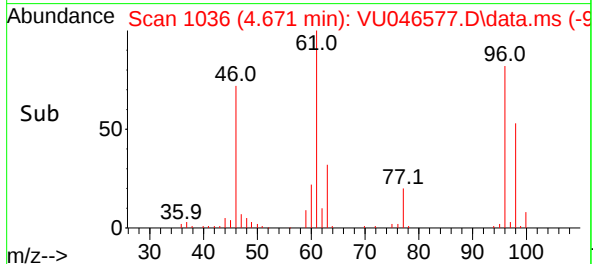
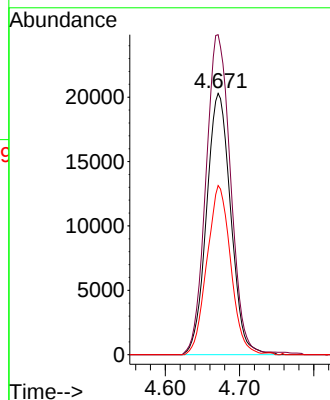
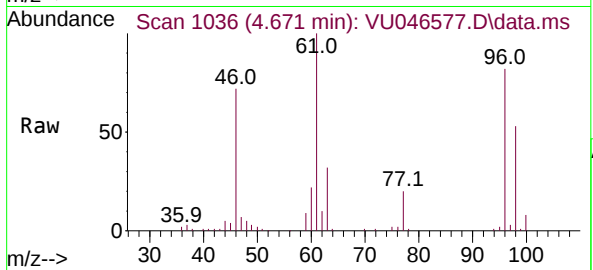




#22
 cis-1,2-Dichloroethene
 Concen: 5.413 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046577.D
 Acq: 23 Dec 2021 19:49

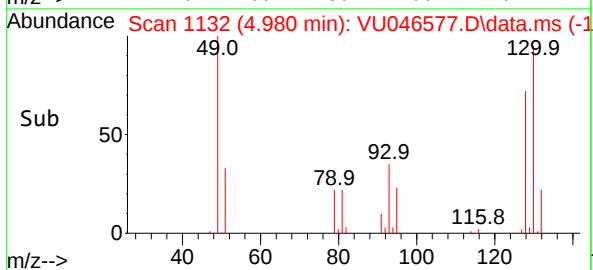
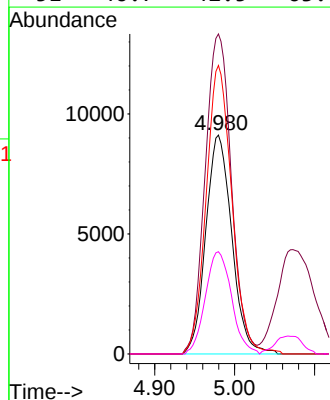
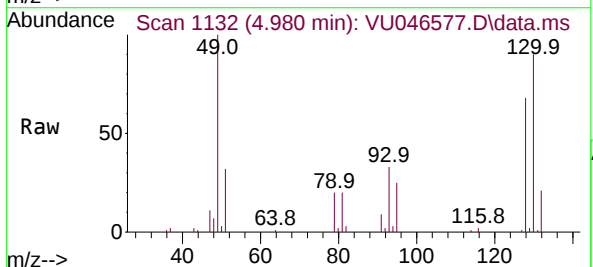
Instrument :
 MSVOA_U
 ClientSampleId :

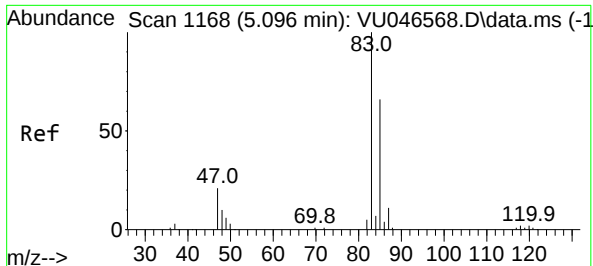
Tgt Ion: 96 Resp: 46023
 Ion Ratio Lower Upper
 96 100
 61 122.5 88.5 164.3
 98 64.7 44.4 82.5



#23
 Bromochloromethane
 Concen: 4.875 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU046577.D
 Acq: 23 Dec 2021 19:49

Tgt Ion:128 Resp: 20632
 Ion Ratio Lower Upper
 128 100
 49 146.2 117.0 217.2
 130 131.8 88.2 163.8
 51 46.7 42.5 63.7





#25

Chloroform

Concen: 4.926 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

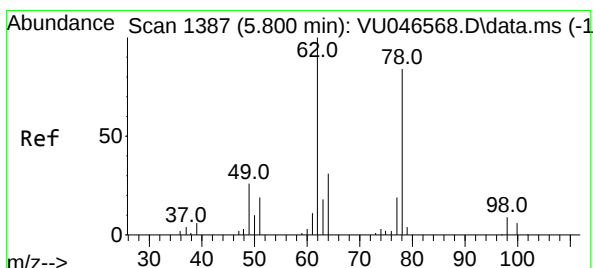
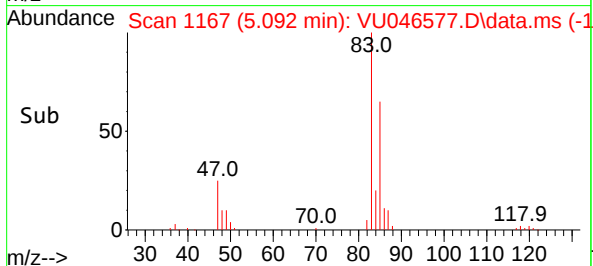
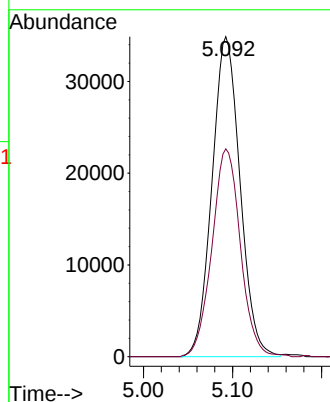
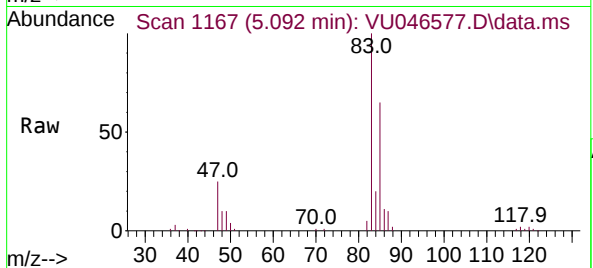
ClientSampleId :

Tgt Ion: 83 Resp: 76264

Ion Ratio Lower Upper

83 100

85 65.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.008 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046577.D

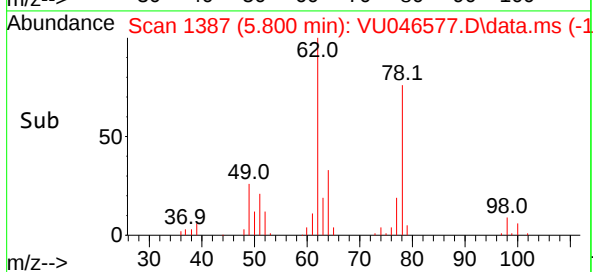
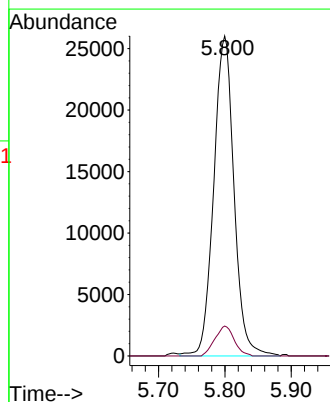
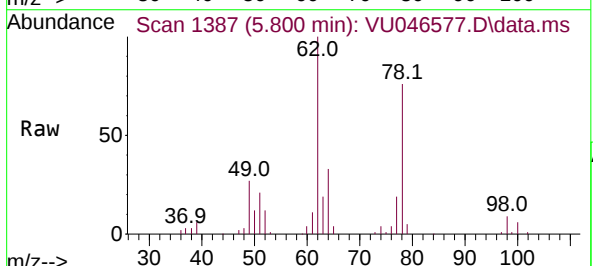
Acq: 23 Dec 2021 19:49

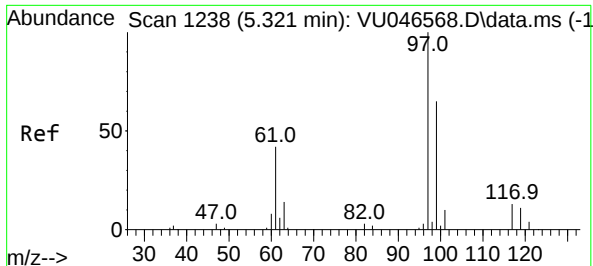
Tgt Ion: 62 Resp: 55342

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.165 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

ClientSampleId :

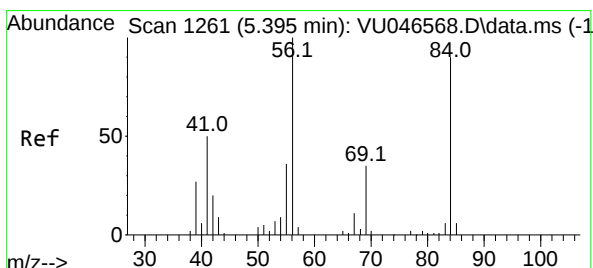
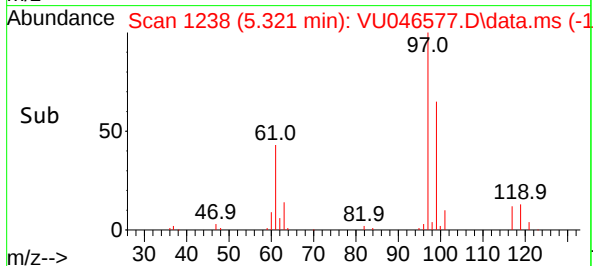
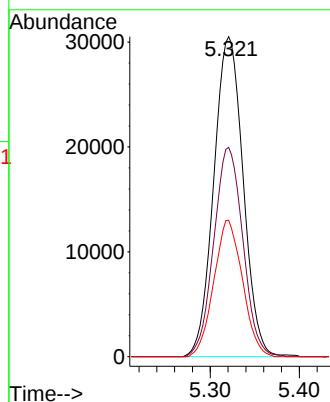
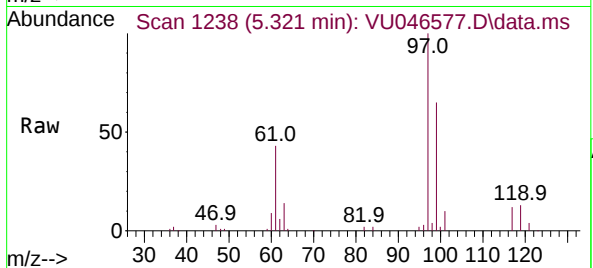
Tgt Ion: 97 Resp: 69784

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 41.6 36.1 54.1



#30

Cyclohexane

Concen: 5.226 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

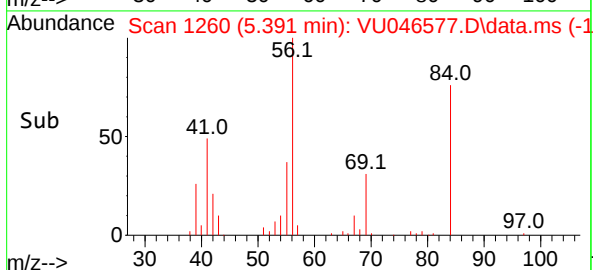
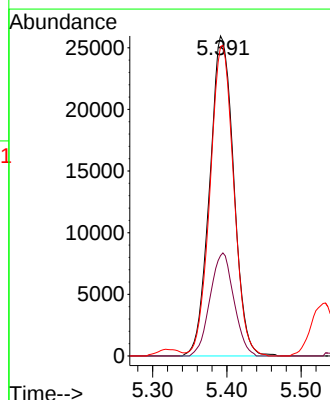
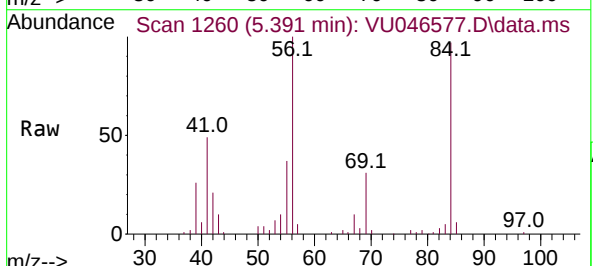
Tgt Ion: 56 Resp: 58404

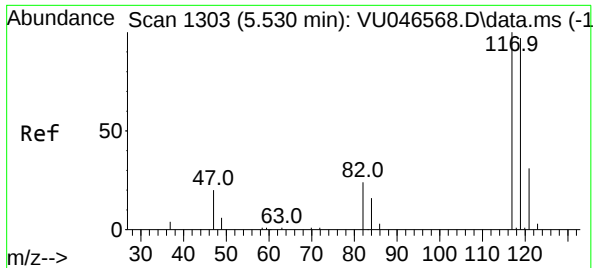
Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 95.6 71.8 107.6

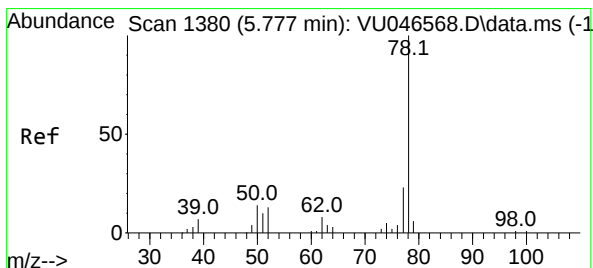
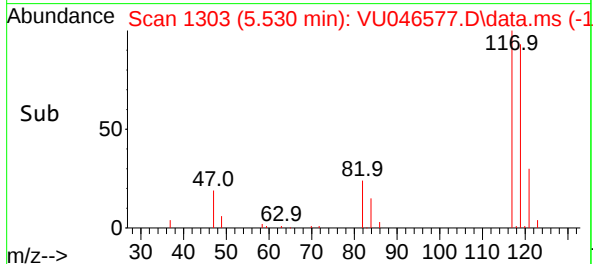
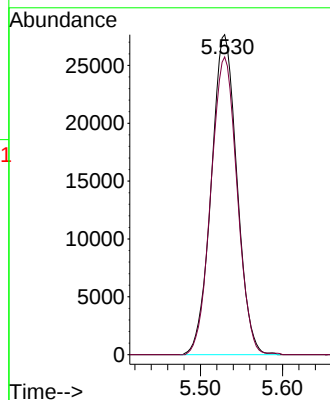
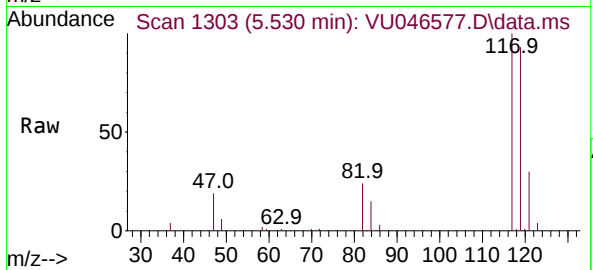




#31
Carbon tetrachloride
Concen: 5.306 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

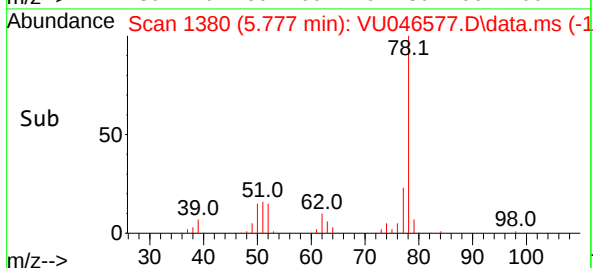
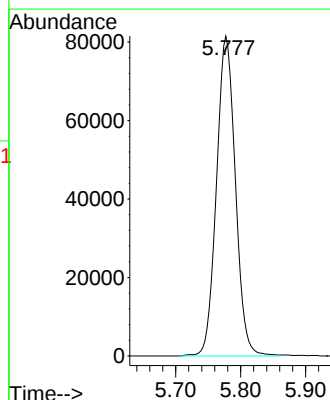
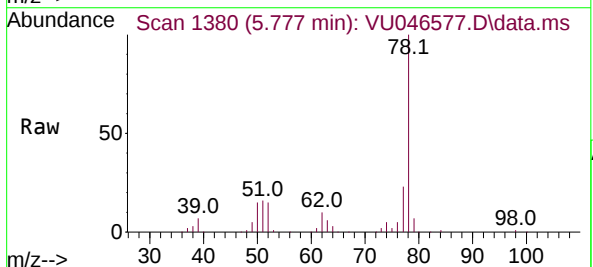
Instrument :
MSVOA_U
ClientSampleId :

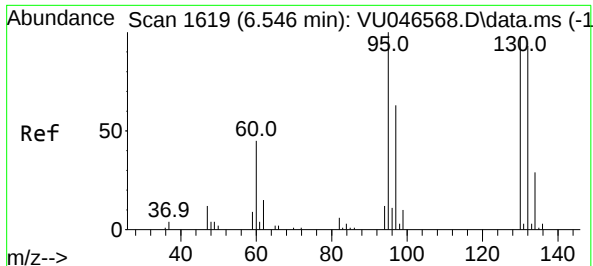
Tgt Ion:117 Resp: 60145
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 5.064 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion: 78 Resp: 164391

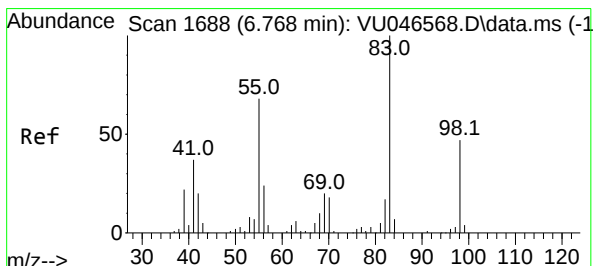
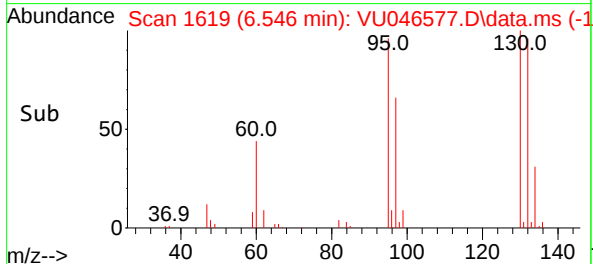
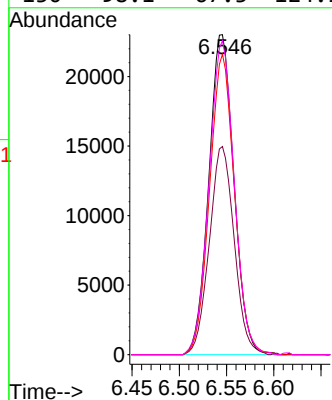
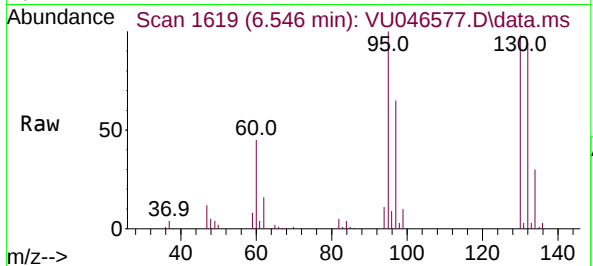




#34
Trichloroethene
Concen: 4.973 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

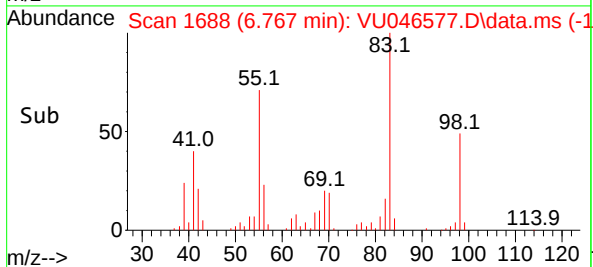
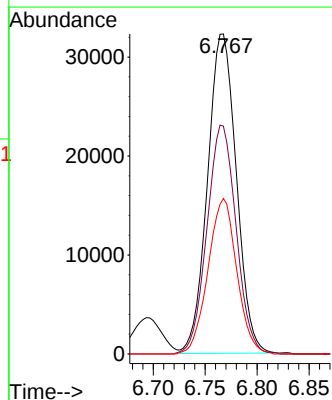
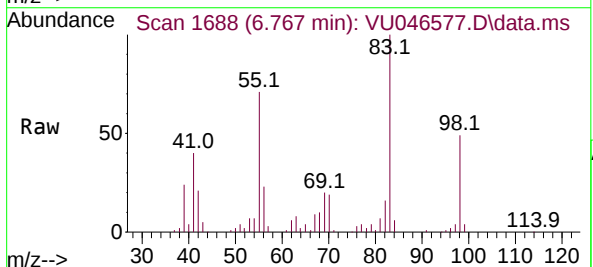
Instrument :
MSVOA_U
ClientSampleId :

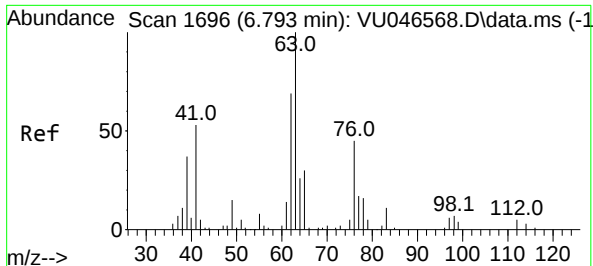
Tgt Ion: 95 Resp: 42556
Ion Ratio Lower Upper
95 100
97 65.1 46.5 86.5
132 93.9 65.1 120.9
130 98.1 67.3 124.9



#35
Methylcyclohexane
Concen: 5.157 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion: 83 Resp: 62223
Ion Ratio Lower Upper
83 100
55 72.5 61.9 92.9
98 48.5 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.969 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

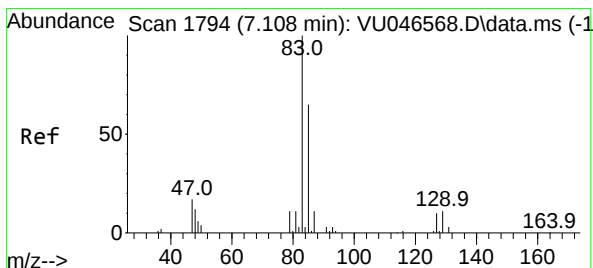
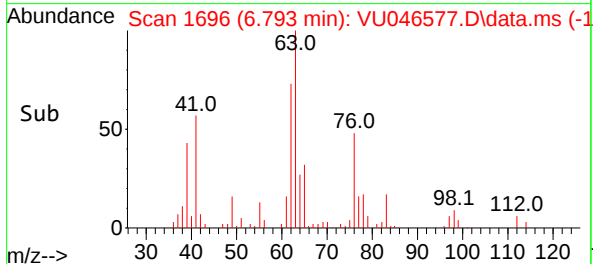
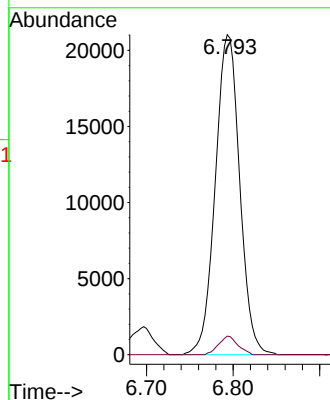
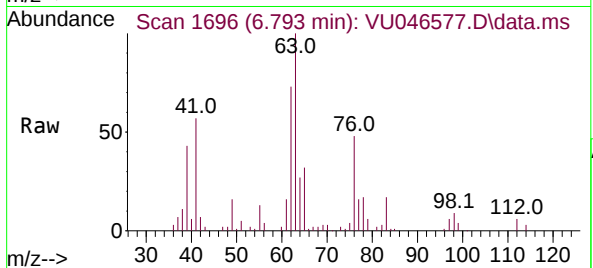
ClientSampleId :

Tgt Ion: 63 Resp: 41149

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#38

Bromodichloromethane

Concen: 4.929 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

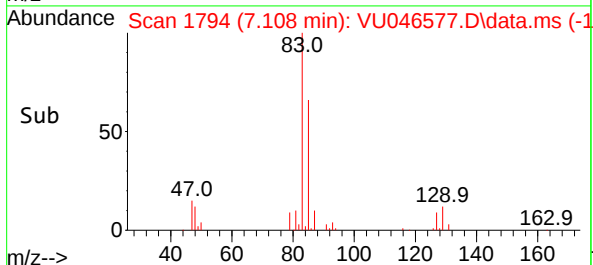
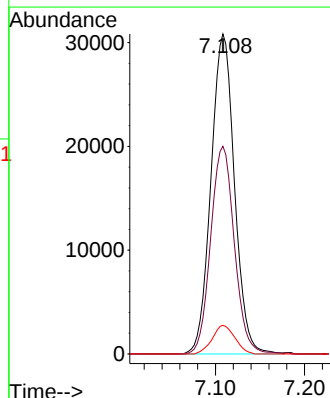
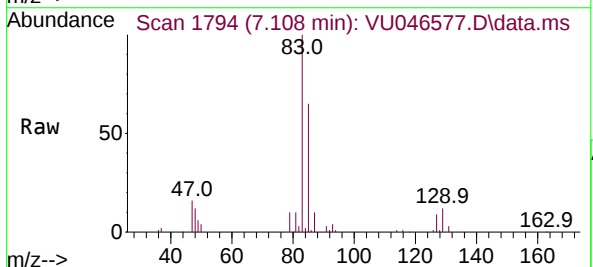
Tgt Ion: 83 Resp: 56492

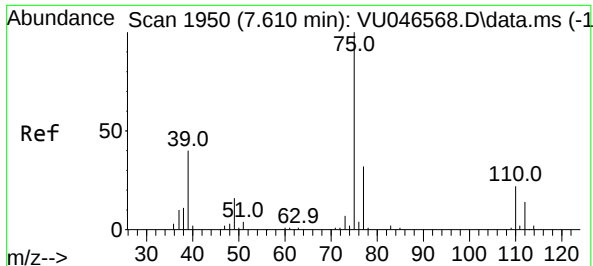
Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.8

127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.942 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

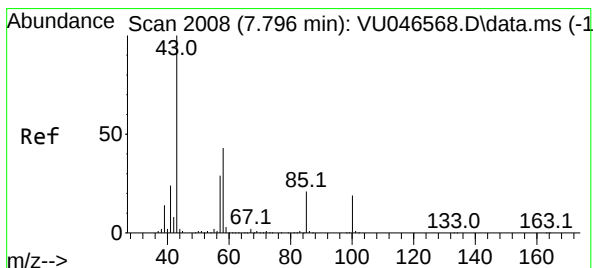
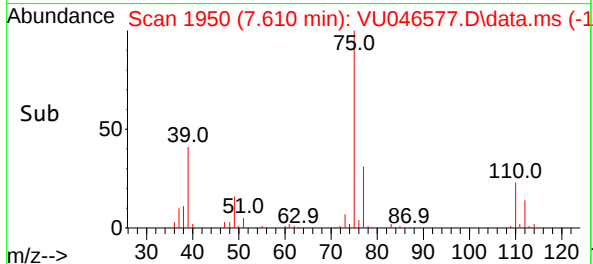
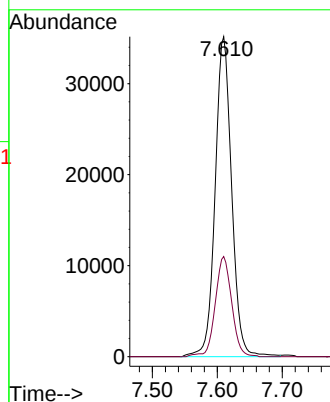
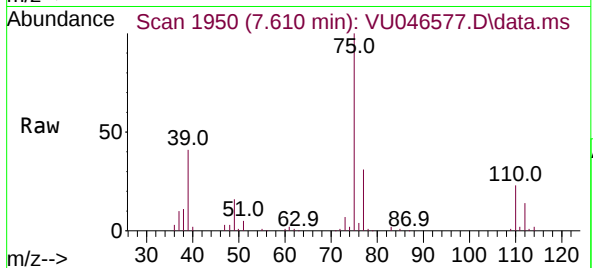
ClientSampleId :

Tgt Ion: 75 Resp: 61949

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 49.922 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

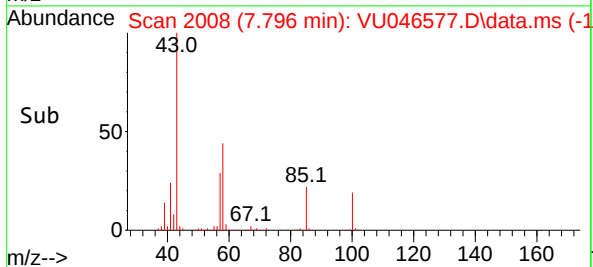
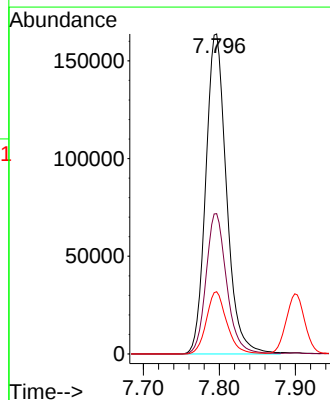
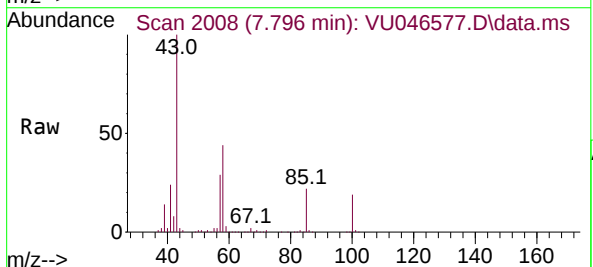
Tgt Ion: 43 Resp: 310301

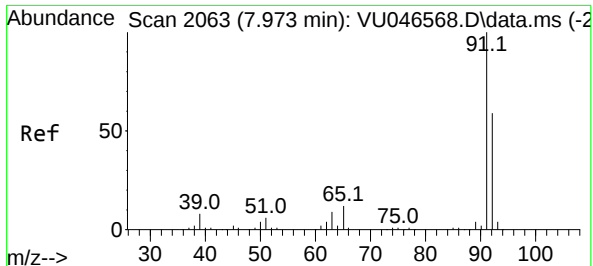
Ion Ratio Lower Upper

43 100

58 43.8 33.1 49.7

100 19.1 13.2 19.8





#42

Toluene

Concen: 5.367 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

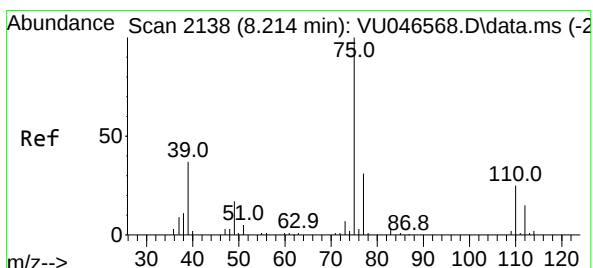
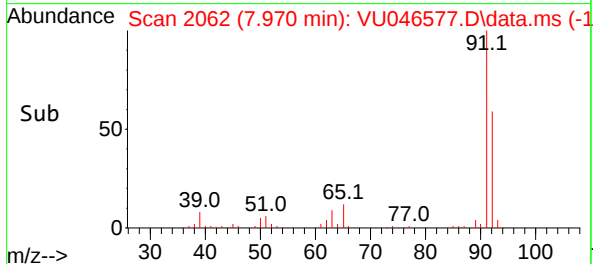
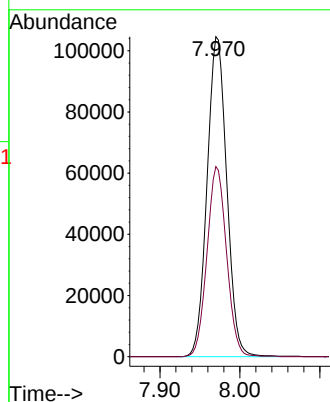
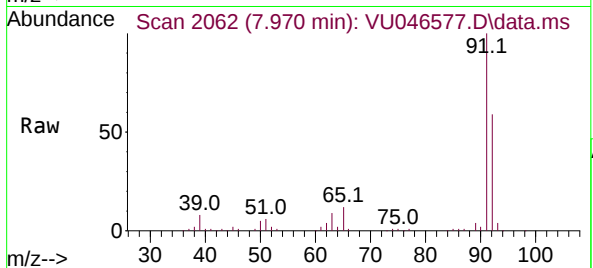
ClientSampleId :

Tgt Ion: 91 Resp: 178820

Ion Ratio Lower Upper

91 100

92 59.4 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.925 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU046577.D

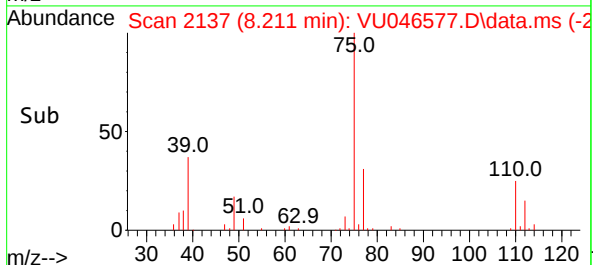
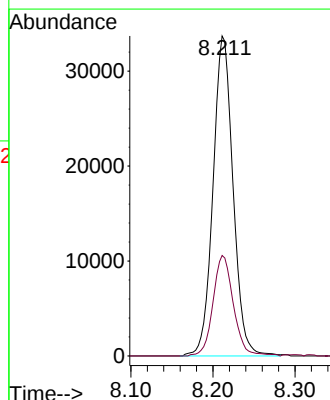
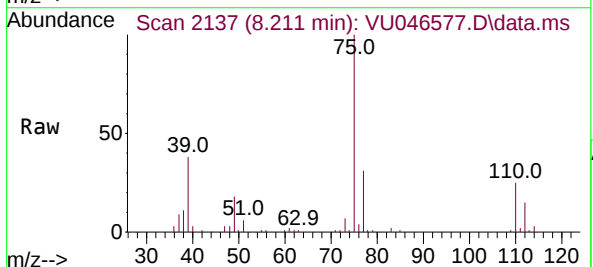
Acq: 23 Dec 2021 19:49

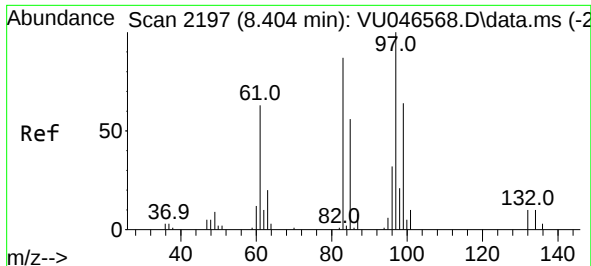
Tgt Ion: 75 Resp: 57211

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.3



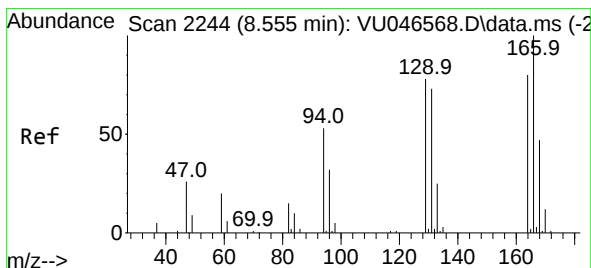
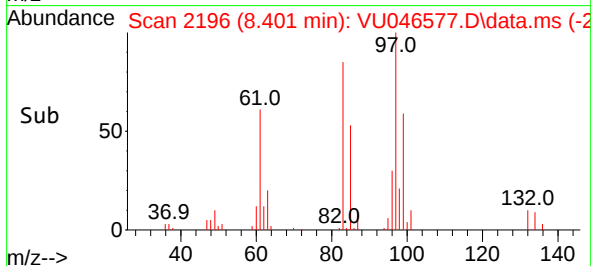
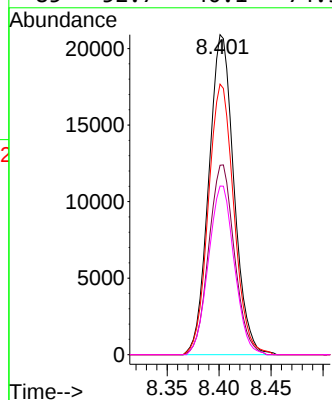
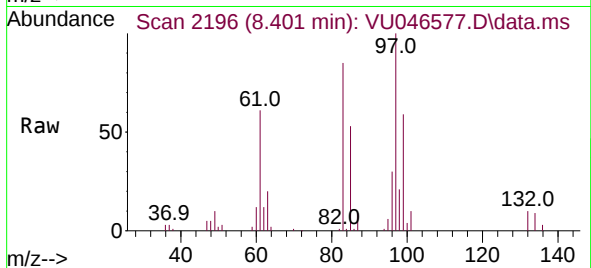


#45
1,1,2-Trichloroethane
Concen: 4.942 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 35291

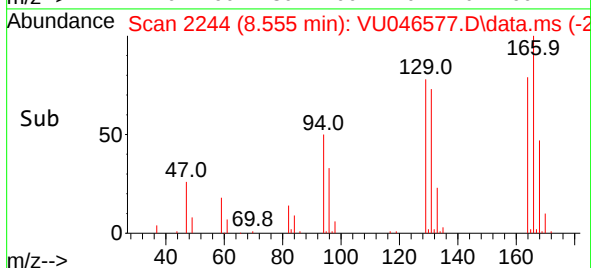
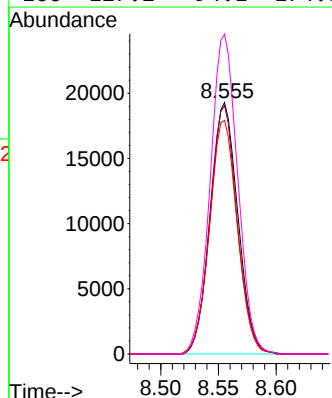
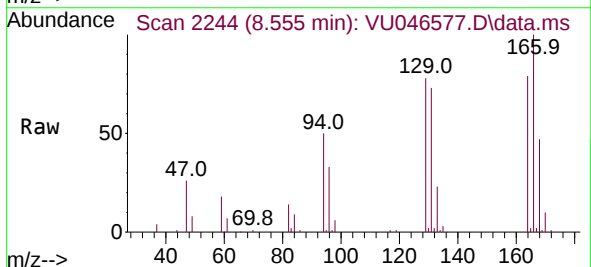
Ion	Ratio	Lower	Upper
97	100		
99	59.2	42.3	78.5
83	84.5	62.0	115.2
85	52.7	40.1	74.5

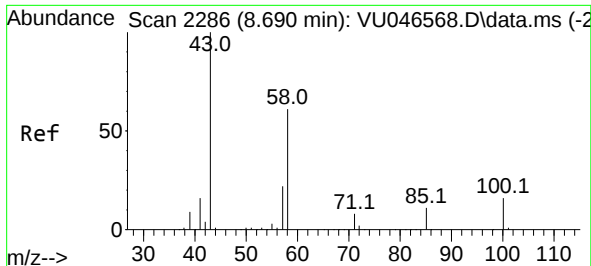


#47
Tetrachloroethene
Concen: 5.308 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion: 164 Resp: 32142

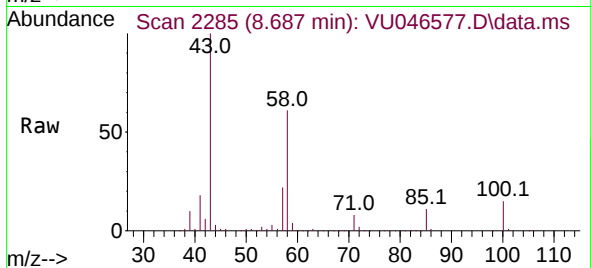
Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.8	133.4
131	92.9	68.5	127.3
166	127.2	94.1	174.8



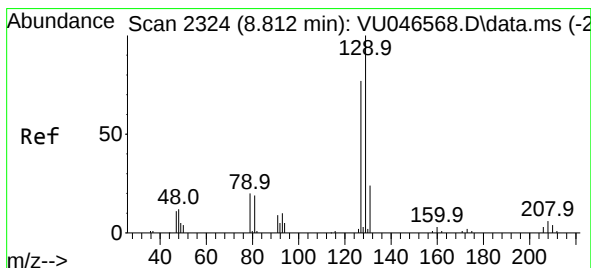
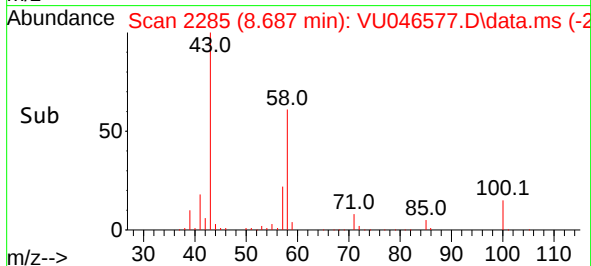
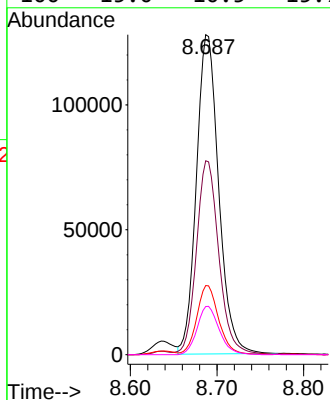


#48
2-Hexanone
Concen: 49.307 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Instrument :
MSVOA_U
ClientSampleId :

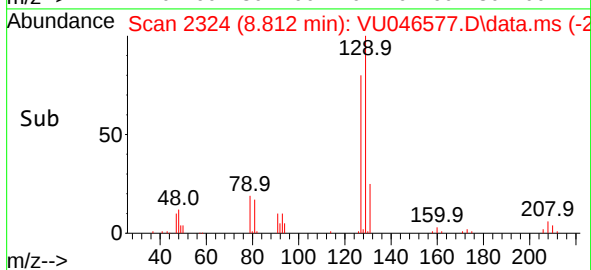
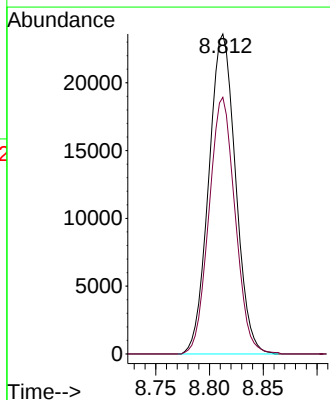
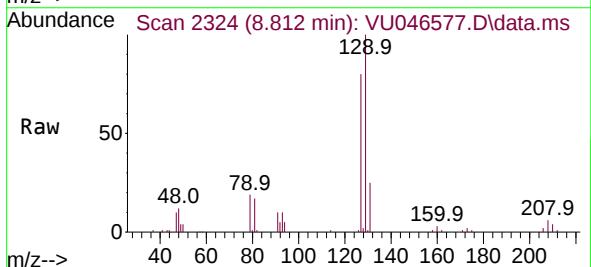


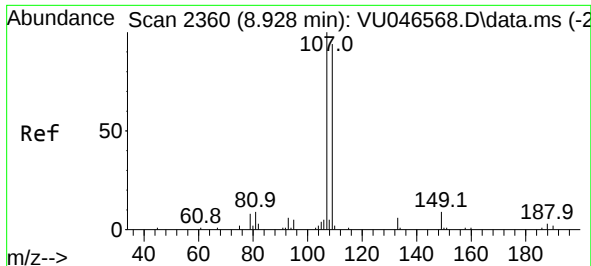
Tgt Ion:	43	Resp:	228881
Ion	Ratio	Lower	Upper
43	100		
58	60.4	46.7	70.1
57	21.2	16.3	24.5
100	15.0	10.5	15.7



#49
Dibromochloromethane
Concen: 4.974 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion:	129	Resp:	40969
Ion	Ratio	Lower	Upper
129	100		
127	80.2	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.018 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

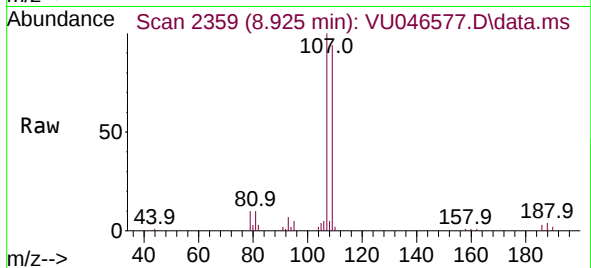
Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

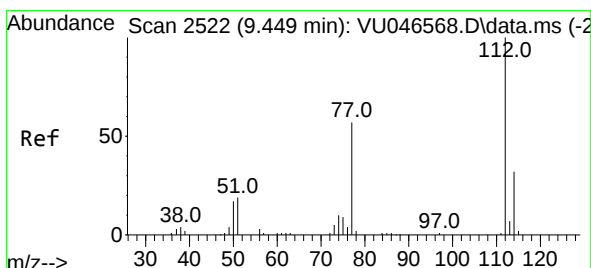
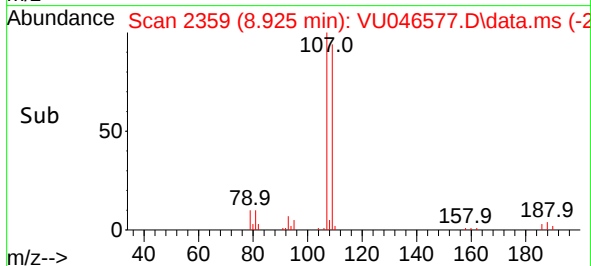
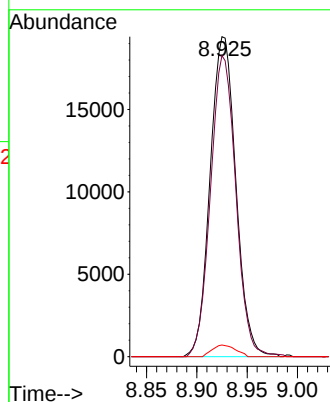
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	34588
Ion	Ratio	Lower	Upper
107	100		
109	94.1	64.0	119.0
188	3.7	2.4	3.6#



#51

Chlorobenzene

Concen: 5.132 ug/L

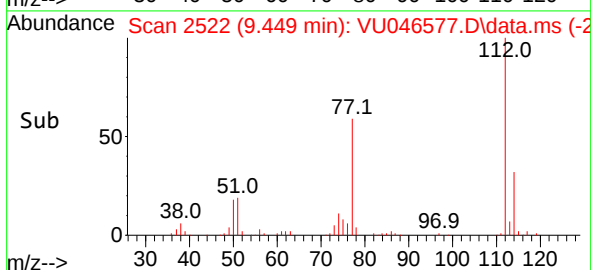
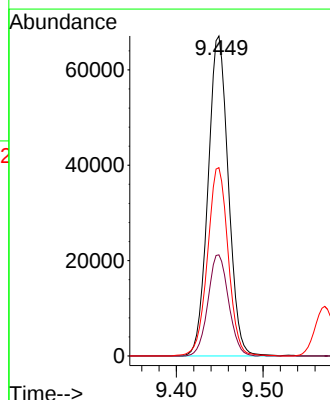
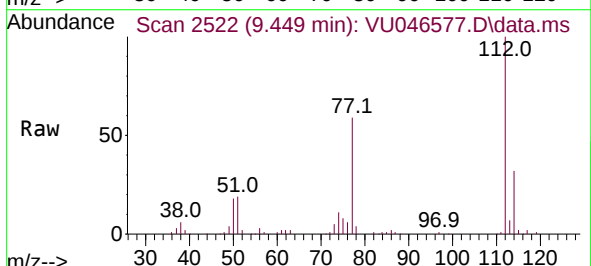
RT: 9.449 min Scan# 2522

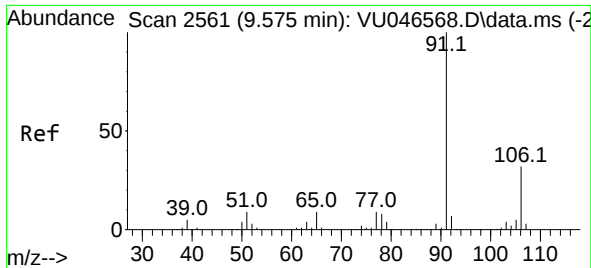
Delta R.T. 0.000 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Tgt Ion:	112	Resp:	109302
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.1	41.1
77	58.8	48.3	72.5

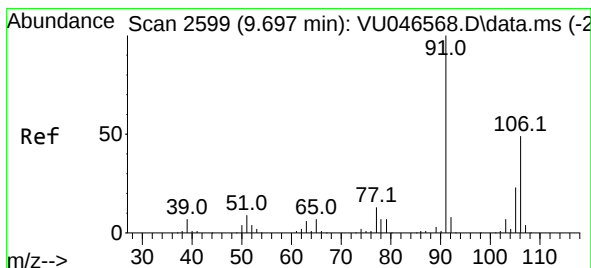
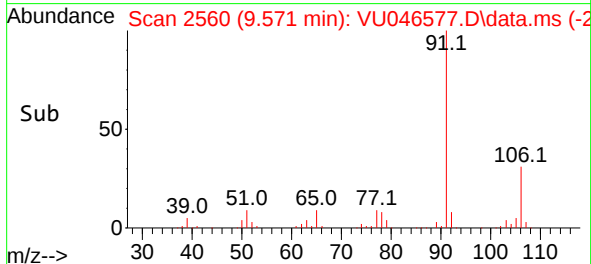
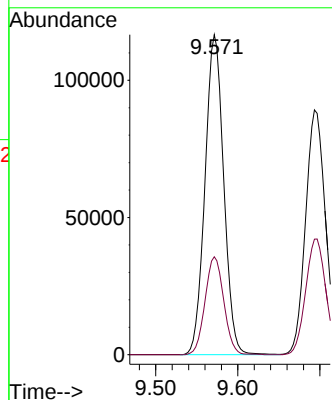
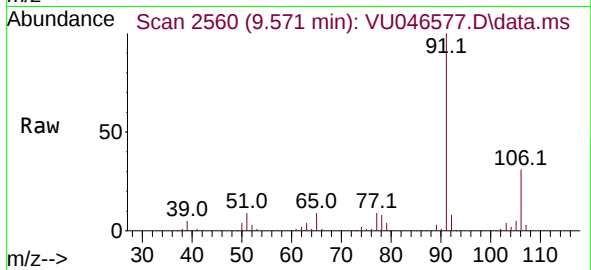




#52
Ethylbenzene
Concen: 5.354 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

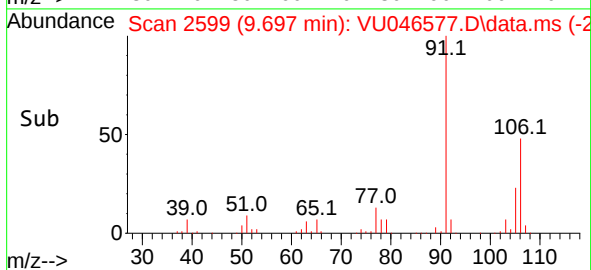
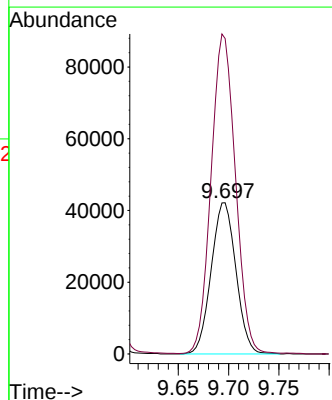
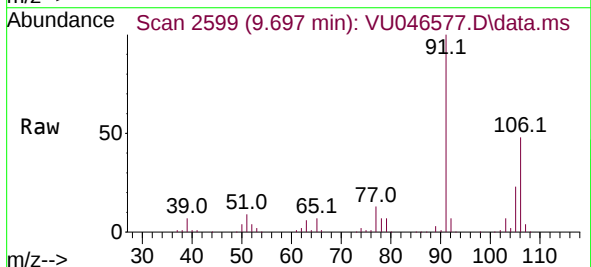
Instrument :
MSVOA_U
ClientSampleId :

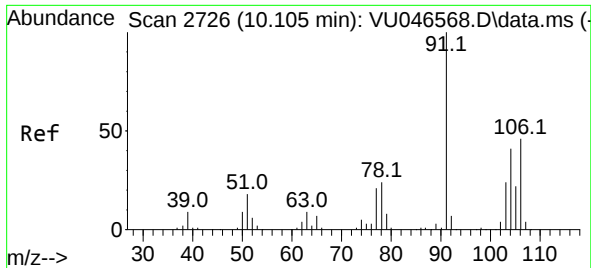
Tgt Ion: 91 Resp: 184652
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.461 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion:106 Resp: 72152
Ion Ratio Lower Upper
106 100
91 208.6 139.4 259.0

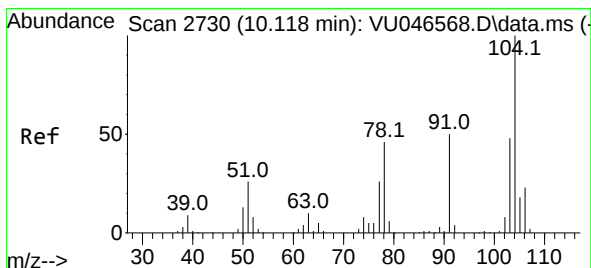
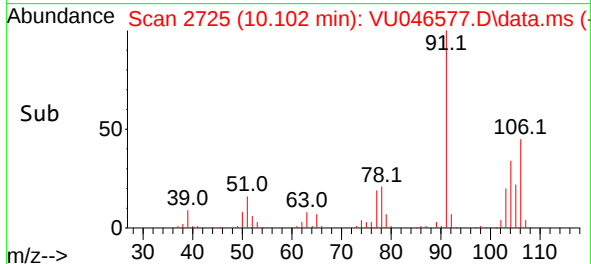
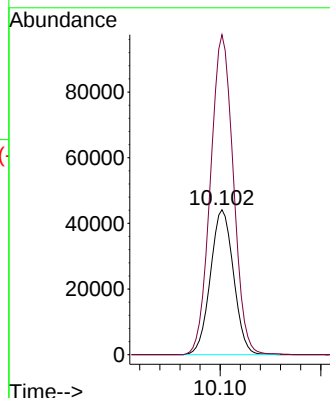
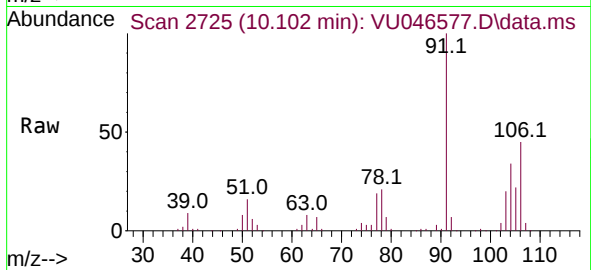




#54
o-Xylene
Concen: 5.553 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

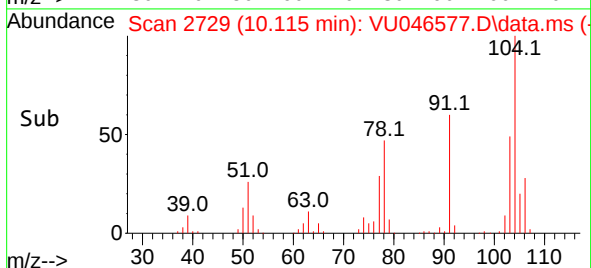
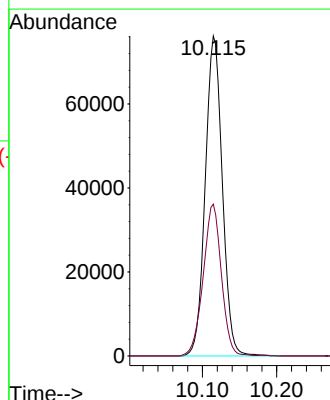
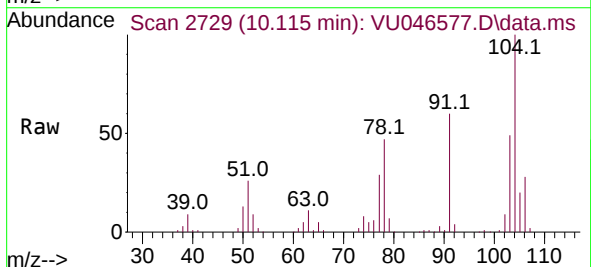
Instrument :
MSVOA_U
ClientSampleId :

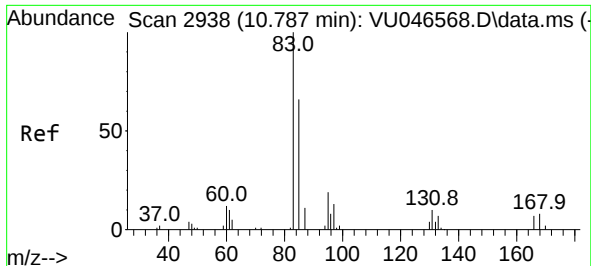
Tgt Ion:106 Resp: 70503
Ion Ratio Lower Upper
106 100
91 220.8 147.5 273.9



#55
Styrene
Concen: 5.523 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion:104 Resp: 121620
Ion Ratio Lower Upper
104 100
78 47.5 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.076 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

ClientSampleId :

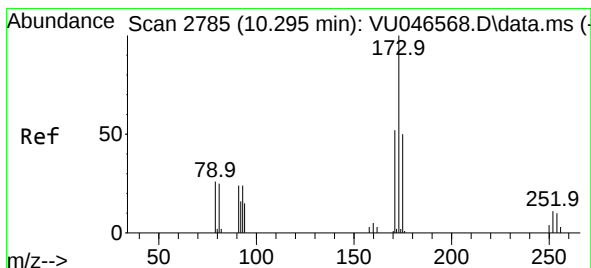
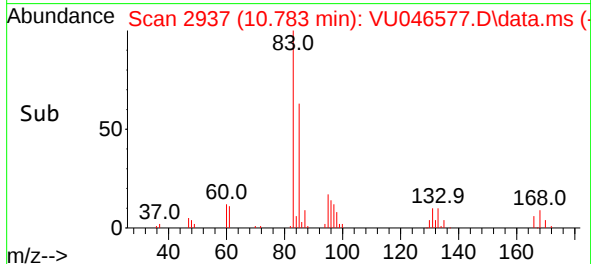
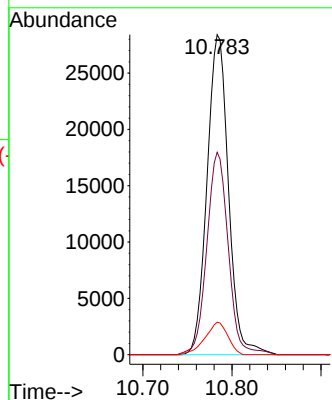
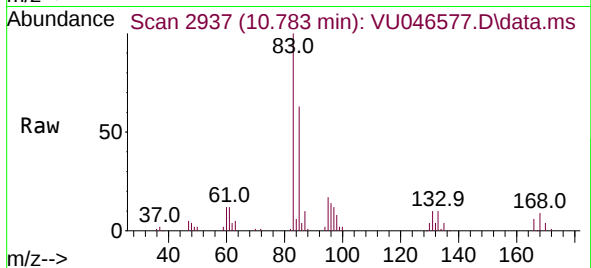
Tgt Ion: 83 Resp: 47368

Ion Ratio Lower Upper

83 100

85 63.2 47.9 89.1

131 10.1 8.1 12.1



#59

Bromoform

Concen: 4.966 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

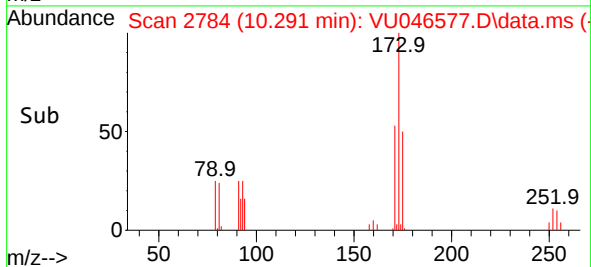
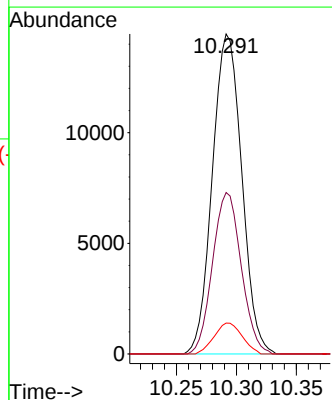
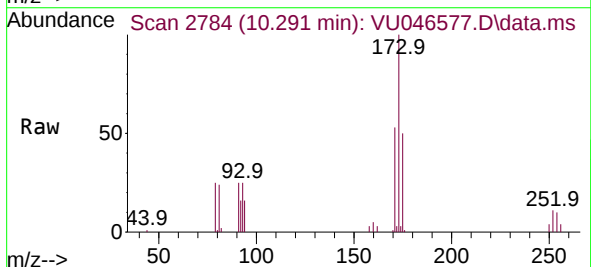
Tgt Ion:173 Resp: 24603

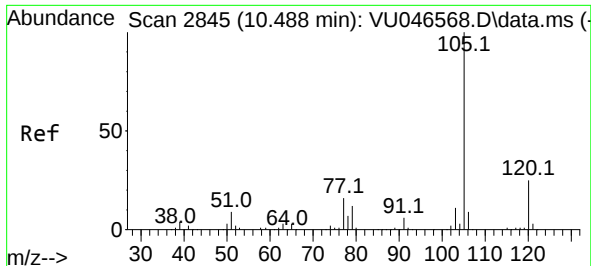
Ion Ratio Lower Upper

173 100

175 49.2 37.8 56.6

254 9.2 7.3 10.9

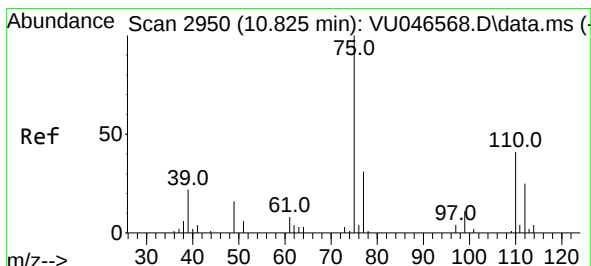
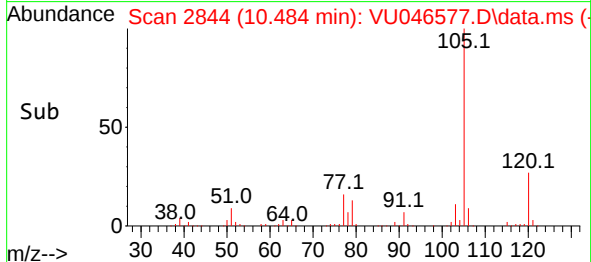
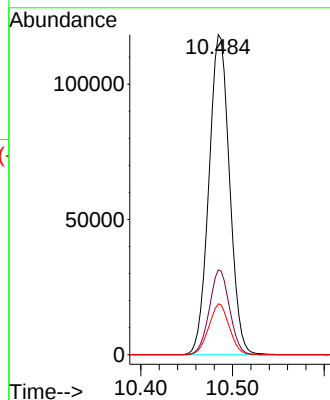
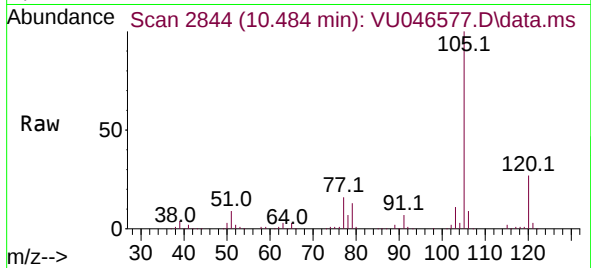




#60
Isopropylbenzene
Concen: 5.591 ug/L
RT: 10.484 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

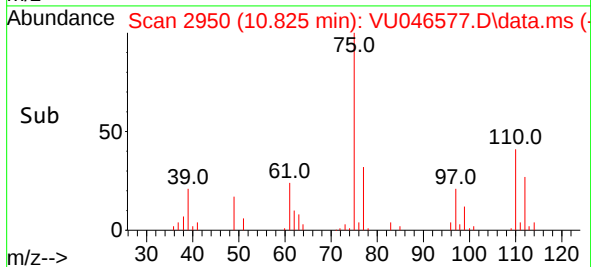
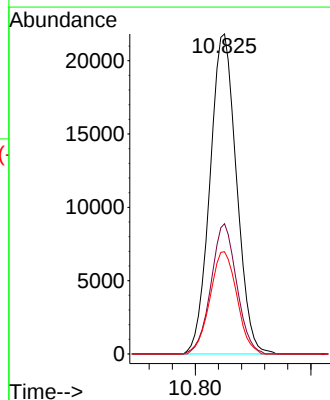
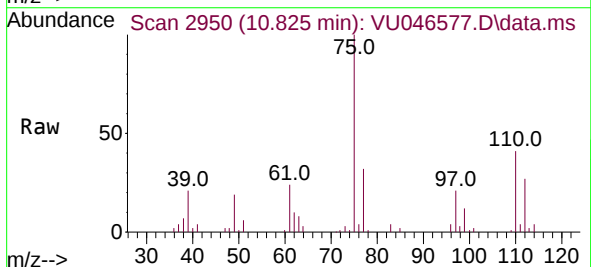
Instrument :
MSVOA_U
ClientSampleId :

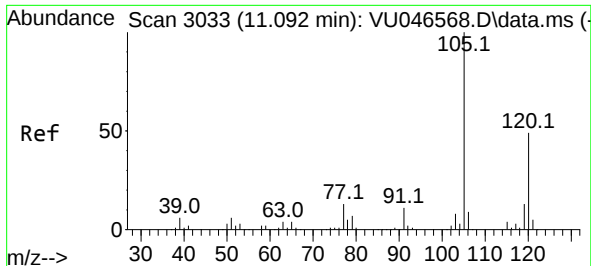
Tgt Ion:105 Resp: 184910
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.887 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion: 75 Resp: 34805
Ion Ratio Lower Upper
75 100
110 39.4 29.9 44.9
77 32.3 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.581 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

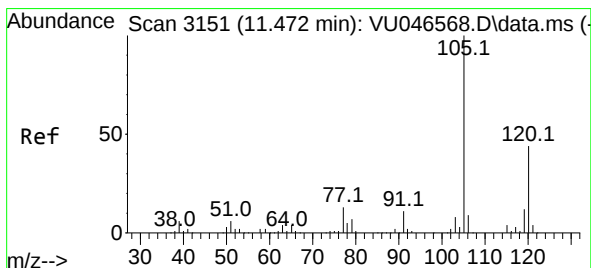
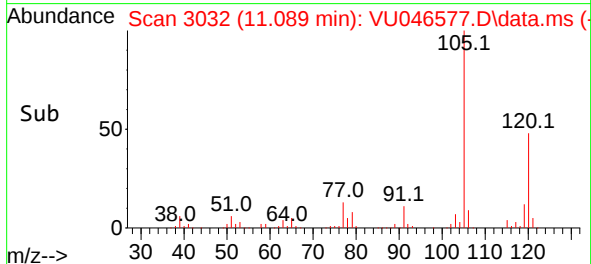
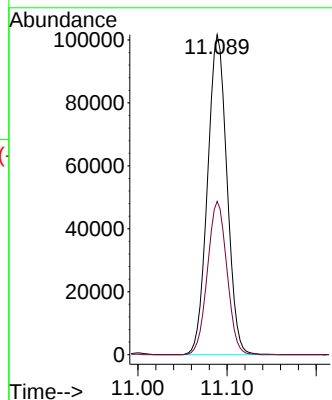
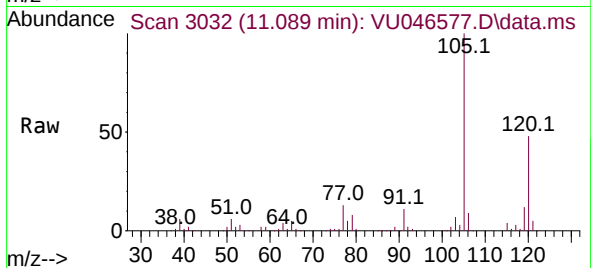
ClientSampleId :

Tgt Ion:105 Resp: 153501

Ion Ratio Lower Upper

105 100

120 48.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.664 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU046577.D

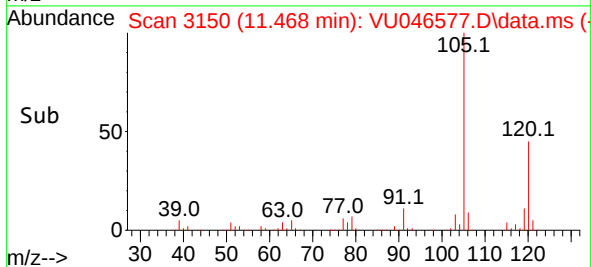
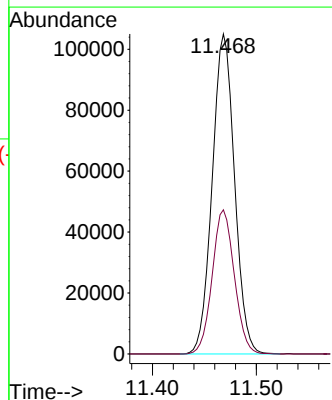
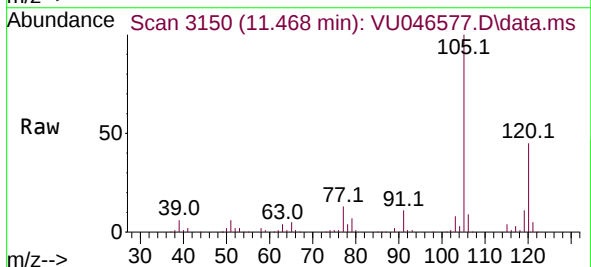
Acq: 23 Dec 2021 19:49

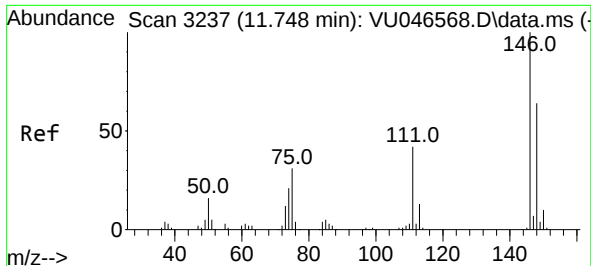
Tgt Ion:105 Resp: 156891

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.8

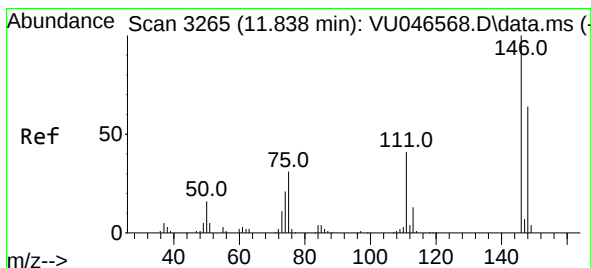
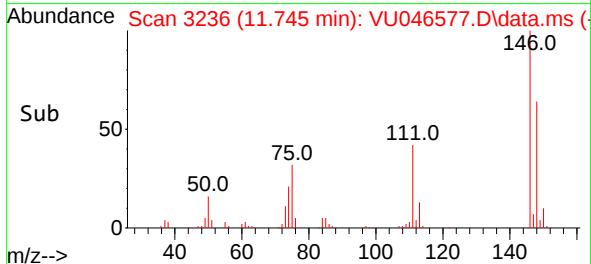
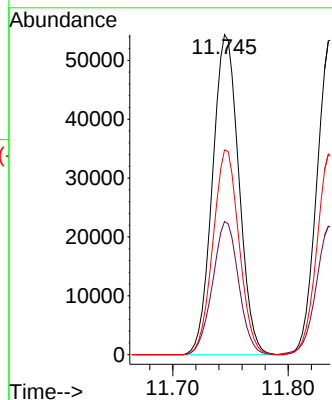
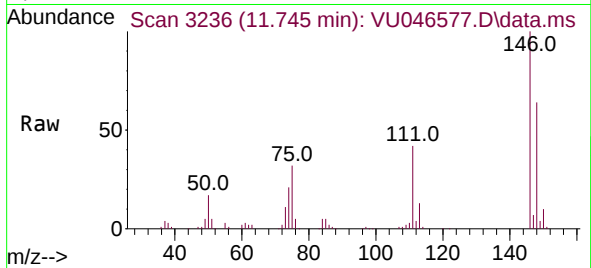




#64
1,3-Dichlorobenzene
Concen: 5.358 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

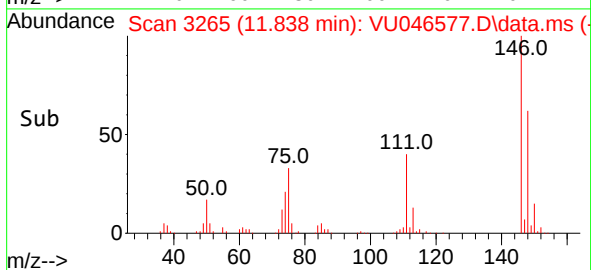
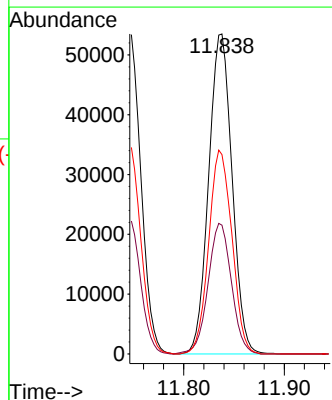
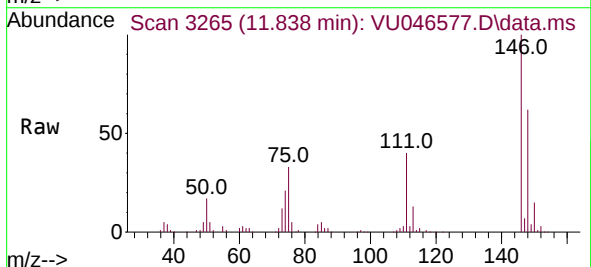
Instrument :
MSVOA_U
ClientSampleId :

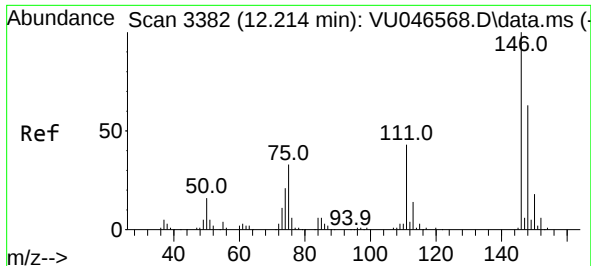
Tgt Ion:146 Resp: 86136
Ion Ratio Lower Upper
146 100
111 41.6 29.9 55.5
148 64.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.256 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion:146 Resp: 86504
Ion Ratio Lower Upper
146 100
111 40.3 28.7 53.3
148 62.3 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.190 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

Instrument :

MSVOA_U

ClientSampleId :

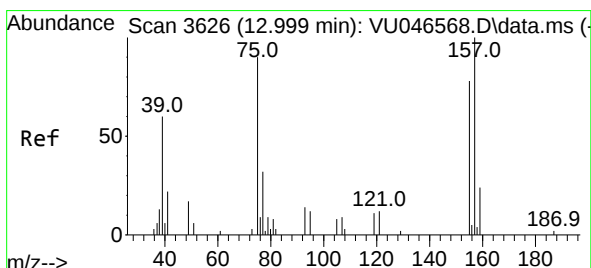
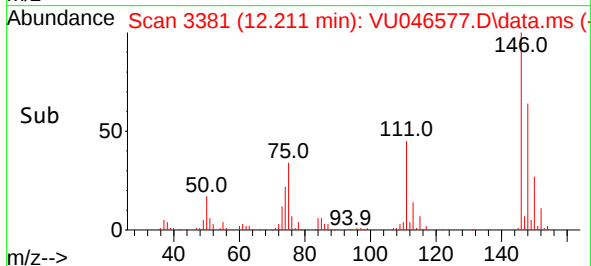
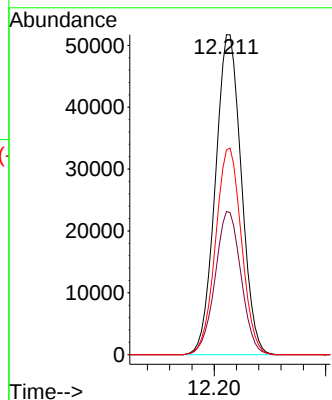
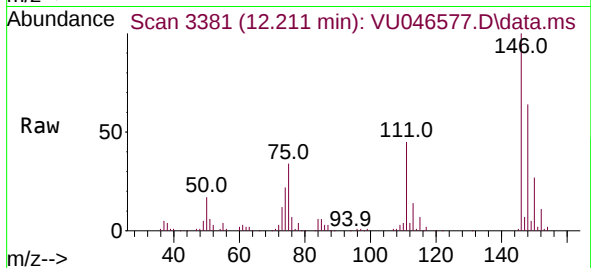
Tgt Ion:146 Resp: 83696

Ion Ratio Lower Upper

146 100

111 44.8 35.4 53.0

148 64.0 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.902 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046577.D

Acq: 23 Dec 2021 19:49

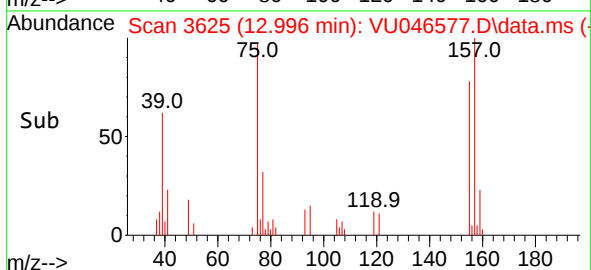
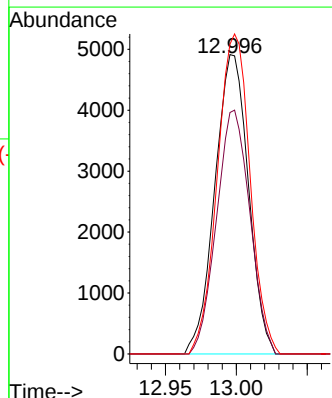
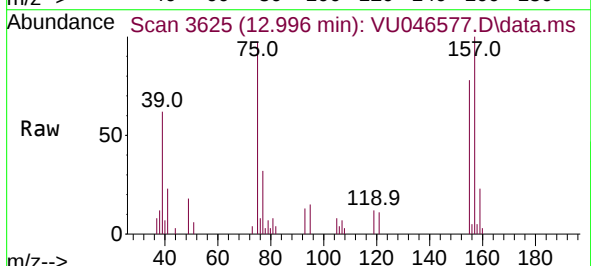
Tgt Ion: 75 Resp: 8082

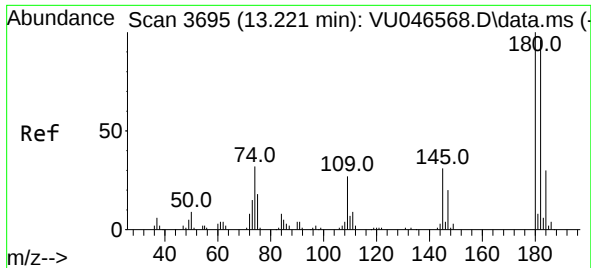
Ion Ratio Lower Upper

75 100

155 80.6 59.2 88.8

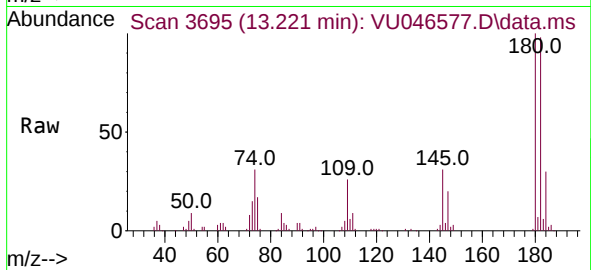
157 103.5 76.5 114.7



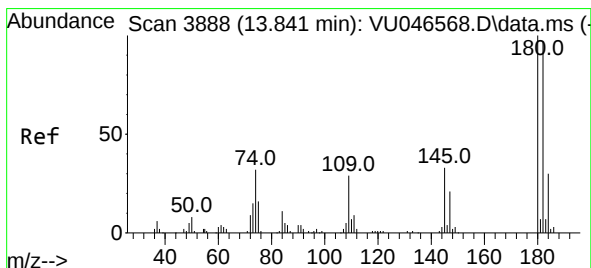
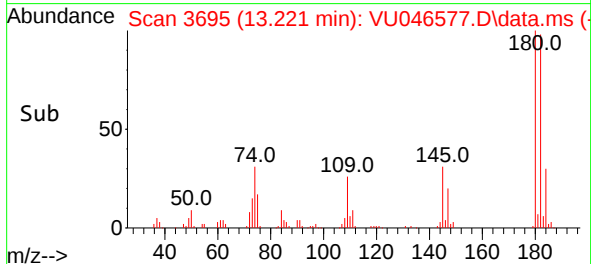
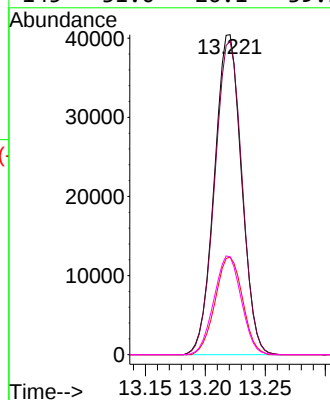


#69
 1,3,5-Trichlorobenzene
 Concen: 5.232 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046577.D
 Acq: 23 Dec 2021 19:49

Instrument :
 MSVOA_U
 ClientSampleId :

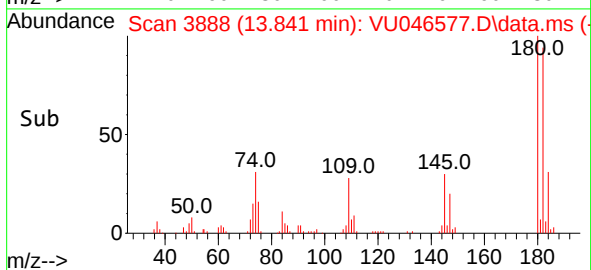
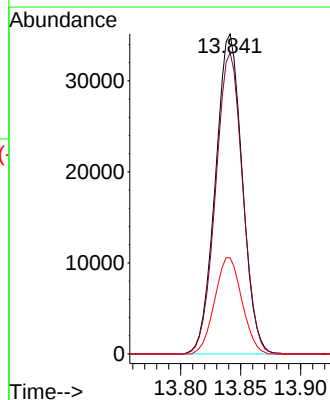
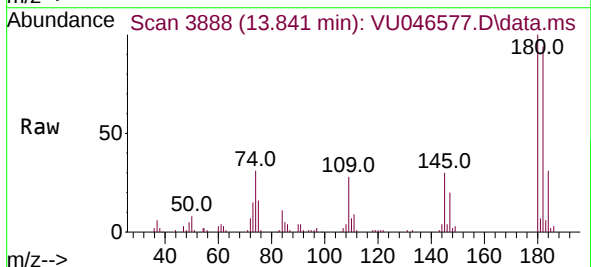


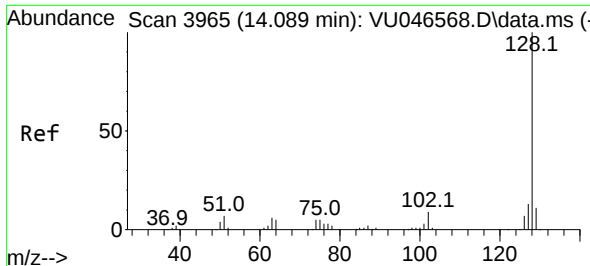
Tgt Ion:180 Resp: 63656
 Ion Ratio Lower Upper
 180 100
 182 98.3 76.1 114.1
 184 30.7 25.0 37.4
 145 31.0 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.303 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046577.D
 Acq: 23 Dec 2021 19:49

Tgt Ion:180 Resp: 54650
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.4 114.6
 145 30.5 25.6 38.4

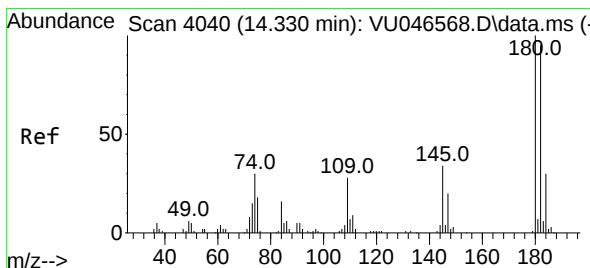
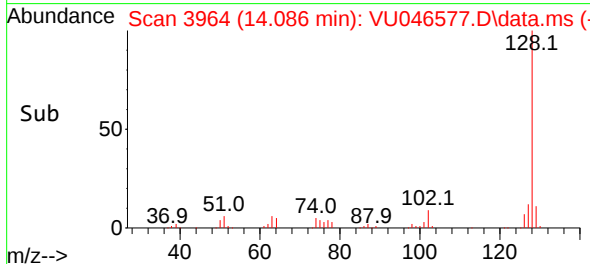
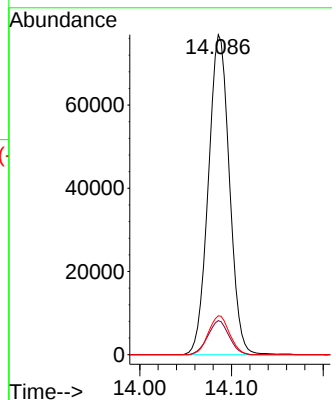
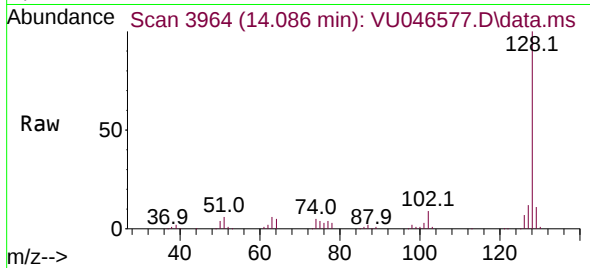




#71
Naphthalene
Concen: 5.363 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 122740
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.391 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046577.D
Acq: 23 Dec 2021 19:49

Tgt Ion:180 Resp: 55001
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
145 33.2 28.4 42.6

