

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046462.D
 Acq On : 17 Dec 2021 11:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 13:23:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	148121	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	149896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	84784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60670	49.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.440%
7) Chloroethane-d5	1.919	69	43789	46.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.480%
11) 1,1-Dichloroethene-d2	2.575	63	105878	48.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.680%
21) 2-Butanone-d5	4.636	46	79306	81.762	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.760%
24) Chloroform-d	5.070	84	108376	53.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.380%
26) 1,2-Dichloroethane-d4	5.707	65	68753	50.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.560%
32) Benzene-d6	5.732	84	207514	48.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.694	67	63695	47.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.680%
41) Toluene-d8	7.903	98	186659	47.718	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	8.182	79	31504	49.014	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.020%
47) 2-Hexanone-d5	8.636	63	61983	98.182	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	93470	46.289	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	71207	43.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	81553	50.606	ug/L	98
3) Chloromethane	1.523	50	74266	51.523	ug/L	100
5) Vinyl chloride	1.607	62	79737	54.863	ug/L	100
6) Bromomethane	1.864	94	45707	55.486	ug/L	100
8) Chloroethane	1.938	64	44192	52.516	ug/L	98
9) Trichlorofluoromethane	2.144	101	110783	58.385	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	61673	57.222	ug/L	97
12) 1,1-Dichloroethene	2.588	96	56483	55.150	ug/L	90
13) Acetone	2.649	43	96285	79.428	ug/L	97
14) Carbon disulfide	2.800	76	176267	55.473	ug/L	100
15) Methyl Acetate	2.957	43	65085	46.057	ug/L	97
16) Methylene chloride	3.054	84	67085	55.054	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	60700	56.004	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	189772	56.814	ug/L	99
19) 1,1-Dichloroethane	3.877	63	113594	57.642	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	65646	55.820	ug/L	99
22) 2-Butanone	4.713	43	113947	86.347	ug/L	97
23) Bromochloromethane	4.980	128	34427	57.961	ug/L	94
25) Chloroform	5.092	83	120882	55.209	ug/L	99

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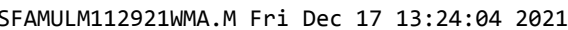
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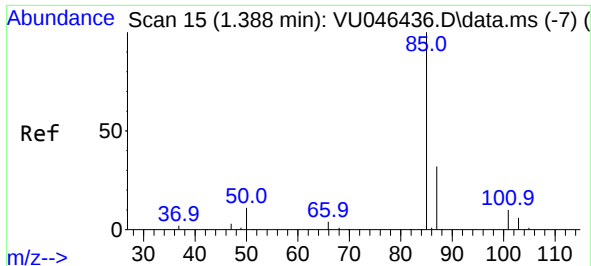
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	98994	60.928	ug/L	98
29) Cyclohexane	5.395	56	98017	56.156	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	107500	58.424	ug/L	100
31) Carbon tetrachloride	5.530	117	92128	58.979	ug/L	98
33) Benzene	5.777	78	258909	57.069	ug/L	100
34) Trichloroethene	6.546	95	65855	55.100	ug/L	98
35) Methylcyclohexane	6.768	83	110391	59.568	ug/L	99
37) 1,2-Dichloropropane	6.797	63	67073	56.438	ug/L	99
38) Bromodichloromethane	7.108	83	90832	57.502	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	101386	56.077	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	175047	100.250	ug/L	99
42) Toluene	7.973	91	282073	57.943	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	101036	56.899	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	66290	55.598	ug/L	99
46) Tetrachloroethene	8.555	164	51611	58.762	ug/L	98
48) 2-Hexanone	8.687	43	151470	96.997	ug/L	99
49) Dibromochloromethane	8.813	129	71319	56.961	ug/L	96
50) 1,2-Dibromoethane	8.925	107	69566	53.816	ug/L #	95
51) Chlorobenzene	9.449	112	175066	55.587	ug/L	99
52) Ethylbenzene	9.575	91	300330	57.325	ug/L	99
53) m,p-Xylene	9.697	106	119057	58.271	ug/L	98
54) o-xylene	10.105	106	114225	57.615	ug/L	96
55) Styrene	10.118	104	201232	59.452	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	109400	53.519	ug/L	100
59) Bromoform	10.295	173	51889	52.170	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	90204	48.535	ug/L	99
61) Isopropylbenzene	10.488	105	301008	54.566	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	261940	56.969	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	264097	57.410	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	138883	53.002	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	142347	52.563	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	139281	52.782	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	27043	54.620	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	106173	55.609	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	95765	56.522	ug/L	100
71) Naphthalene	14.089	128	341268	57.883	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	100470	58.151	ug/L	99

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

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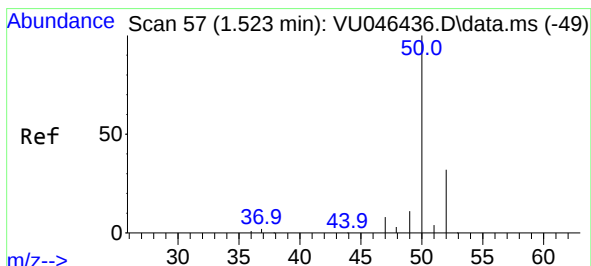
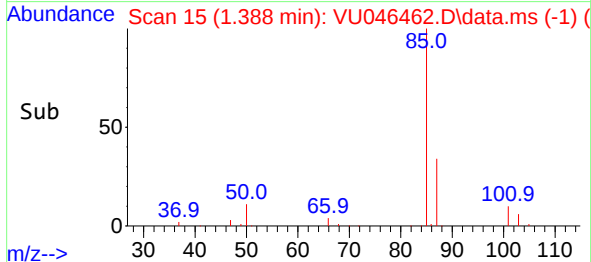
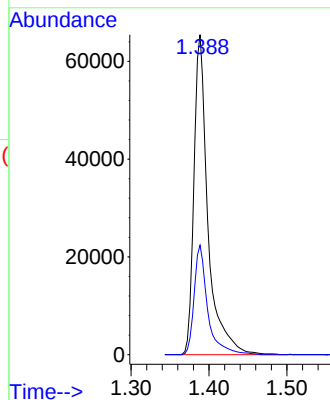
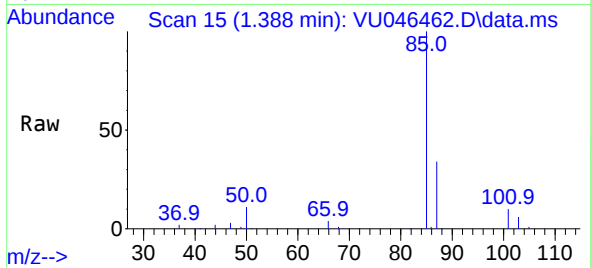




#2
Dichlorodifluoromethane
Concen: 50.606 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

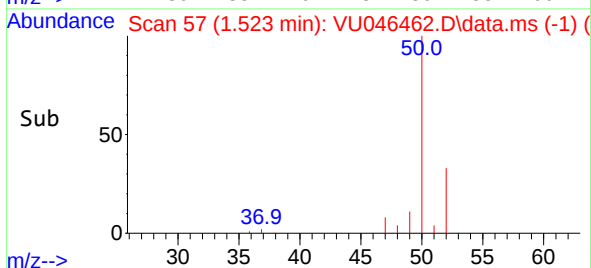
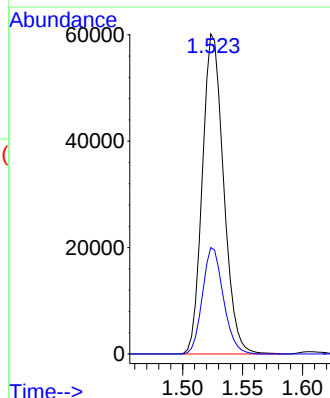
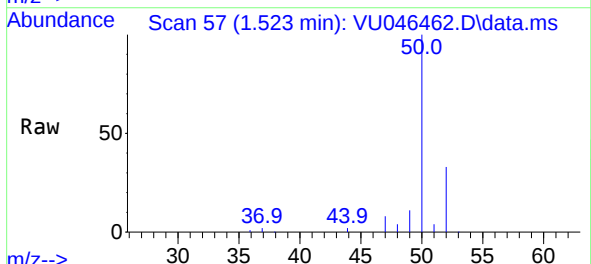
Instrument :
MSVOA_U
ClientSampleId :

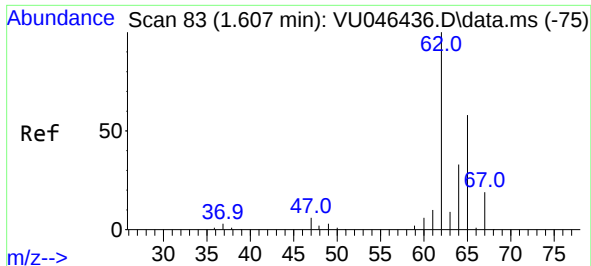
Tgt Ion: 85 Resp: 81553
Ion Ratio Lower Upper
85 100
87 33.2 25.7 38.5



#3
Chloromethane
Concen: 51.523 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

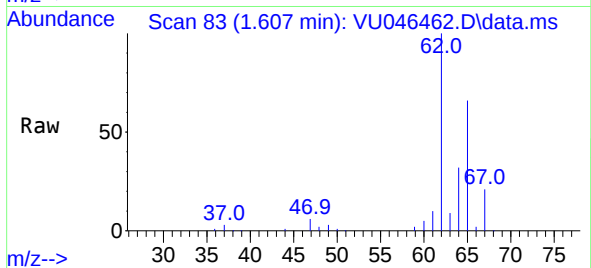
Tgt Ion: 50 Resp: 74266
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2



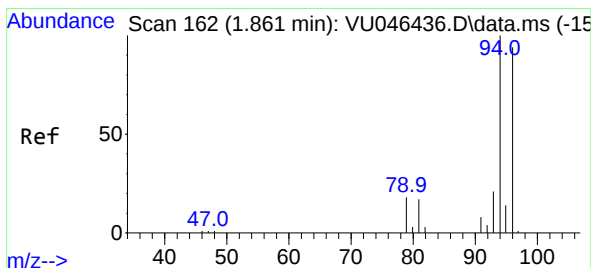
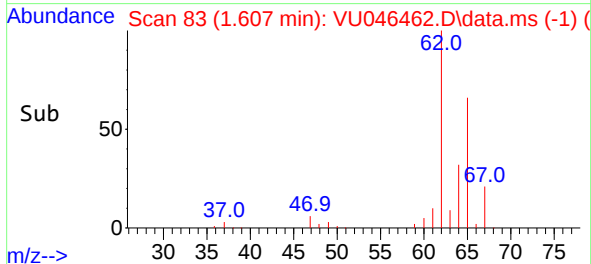
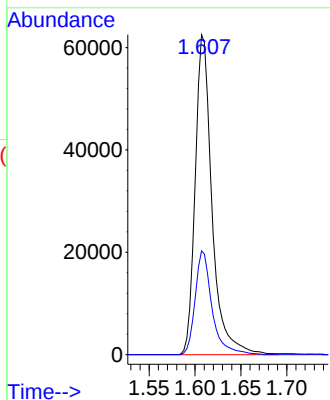


#5
 Vinyl chloride
 Concen: 54.863 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046462.D
 Acq: 17 Dec 2021 11:22

Instrument :
 MSVOA_U
 ClientSampleId :

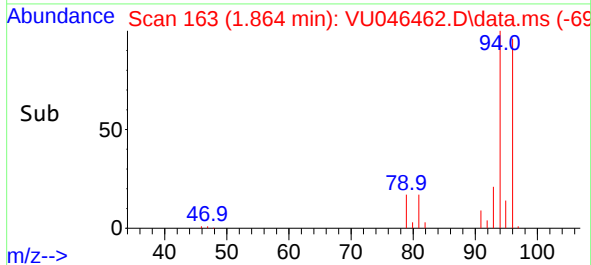
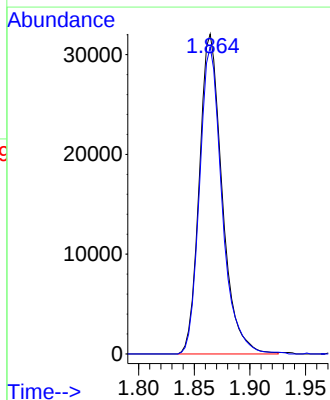
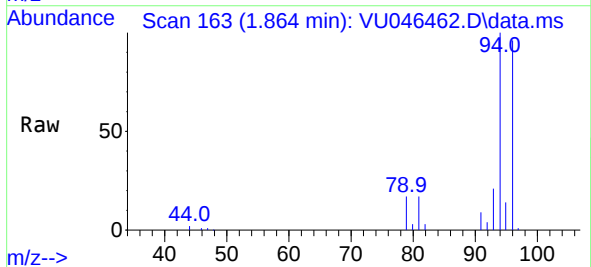


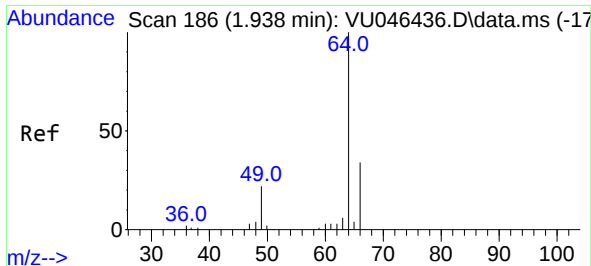
Tgt Ion: 62 Resp: 79737
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 55.486 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046462.D
 Acq: 17 Dec 2021 11:22

Tgt Ion: 94 Resp: 45707
 Ion Ratio Lower Upper
 94 100
 96 96.0 67.4 125.2

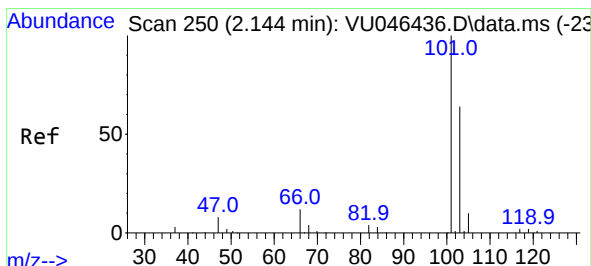
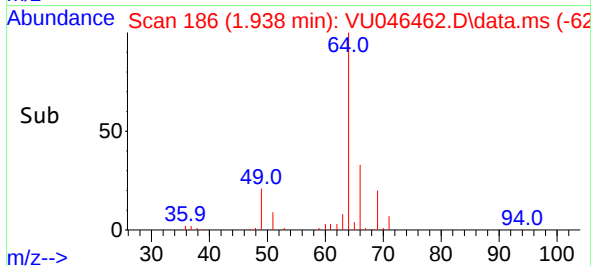
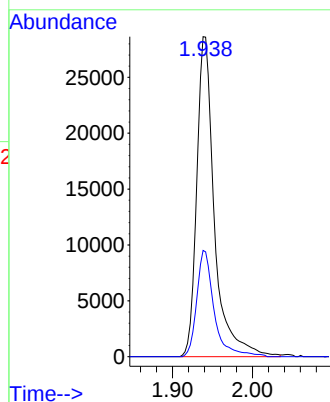
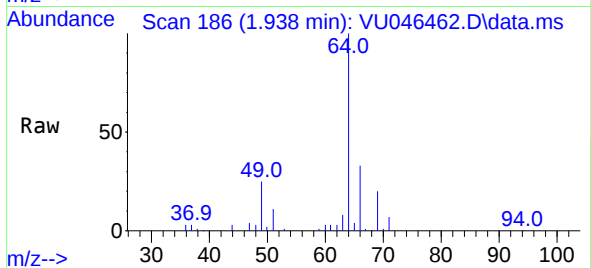




#8
Chloroethane
Concen: 52.516 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

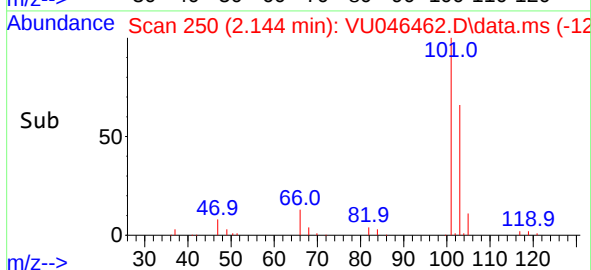
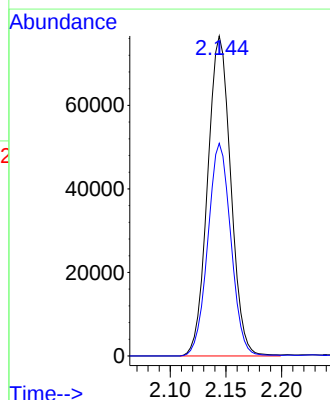
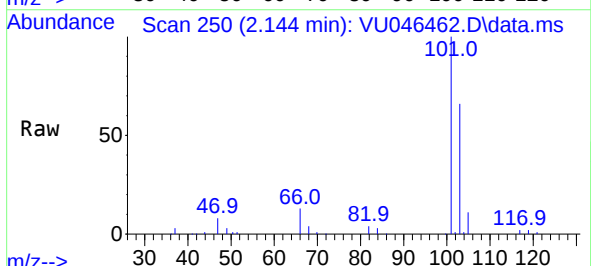
Instrument :
MSVOA_U
ClientSampleId :

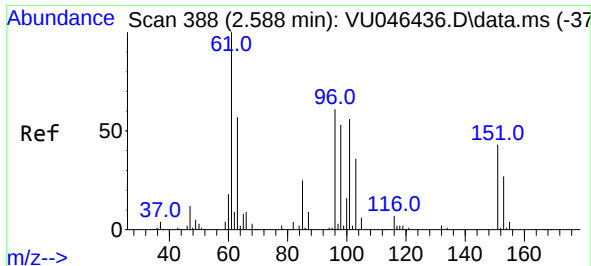
Tgt Ion: 64 Resp: 44192
Ion Ratio Lower Upper
64 100
66 33.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 58.385 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion:101 Resp: 110783
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.6

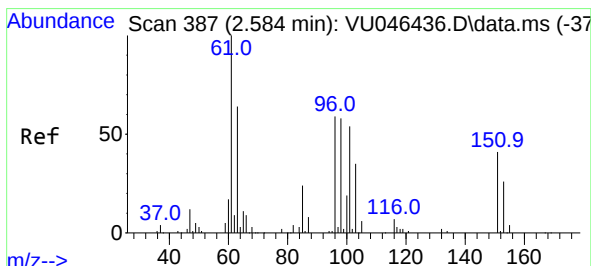
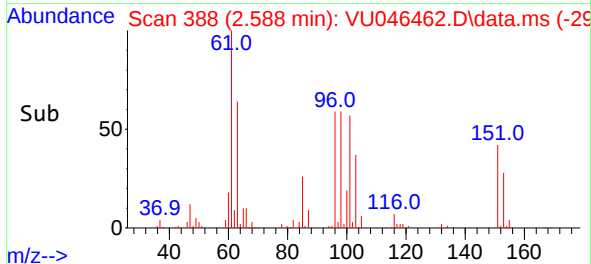
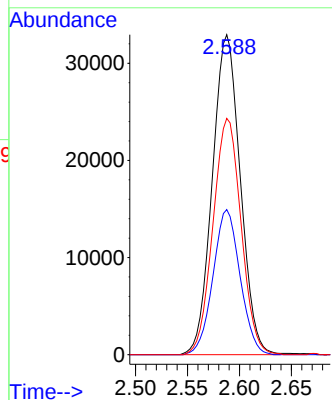
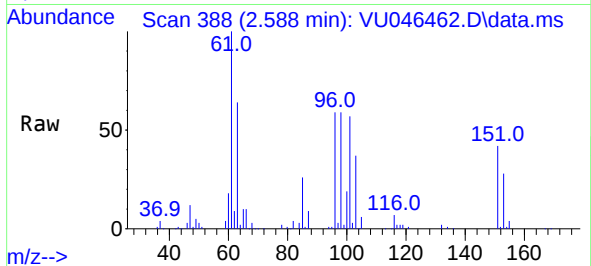




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 57.222 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046462.D
 Acq: 17 Dec 2021 11:22

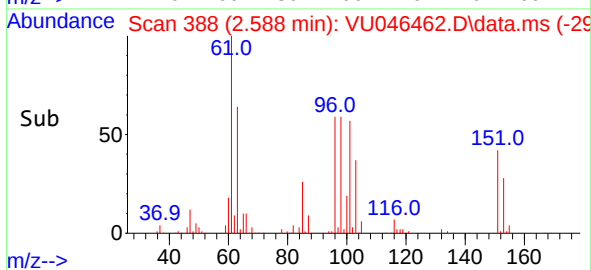
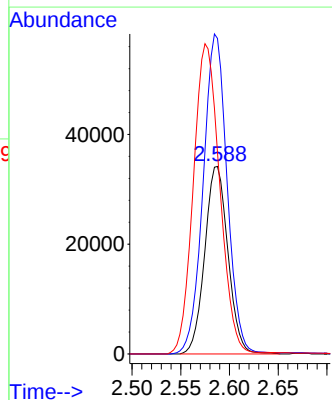
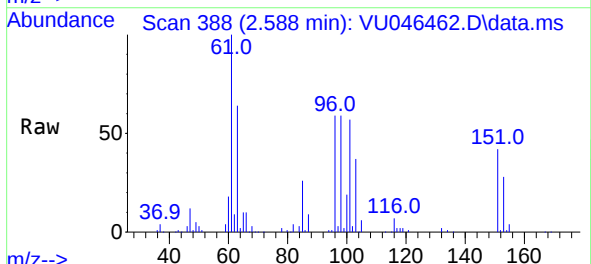
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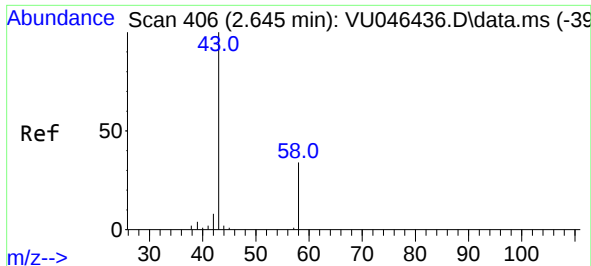
Tgt Ion:101 Resp: 61673
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.1 52.7
 151 74.3 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 55.150 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU046462.D
 Acq: 17 Dec 2021 11:22

Tgt Ion: 96 Resp: 56483
 Ion Ratio Lower Upper
 96 100
 61 168.2 118.6 220.2
 63 107.6 93.0 172.8





#13

Acetone

Concen: 79.428 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

Instrument :

MSVOA_U

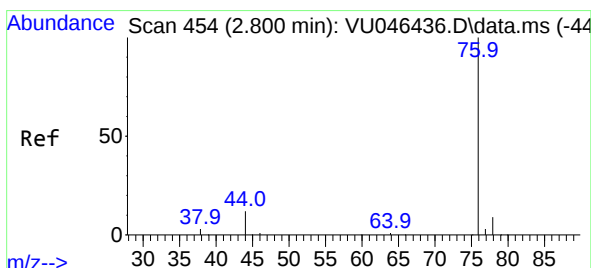
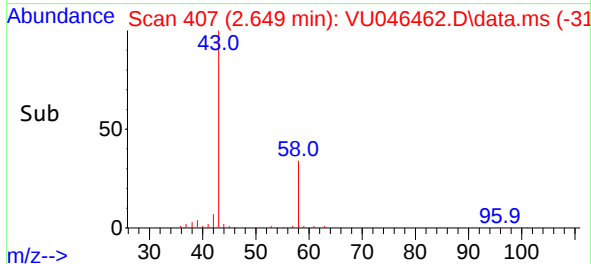
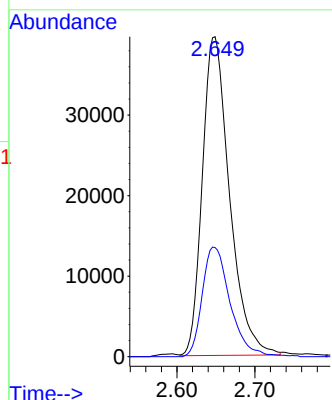
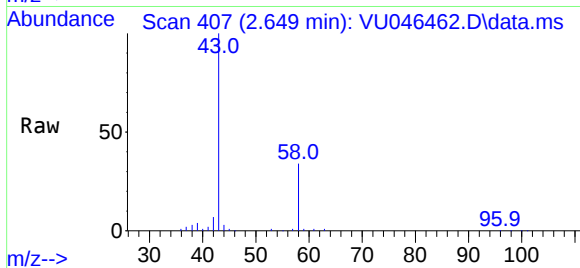
ClientSampleId :

Tgt Ion: 43 Resp: 96285

Ion Ratio Lower Upper

43 100

58 35.3 0.0 66.8



#14

Carbon disulfide

Concen: 55.473 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046462.D

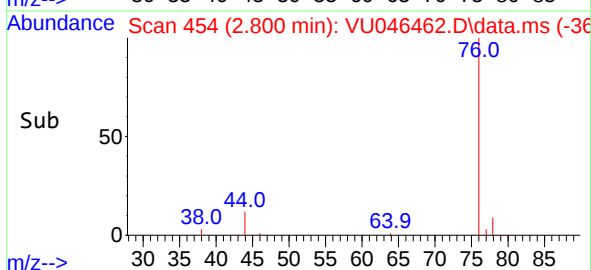
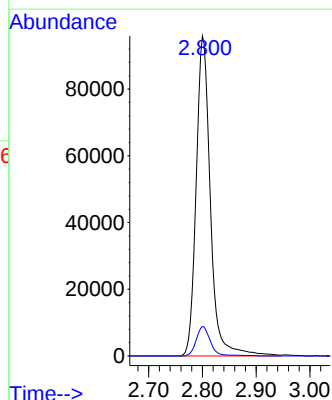
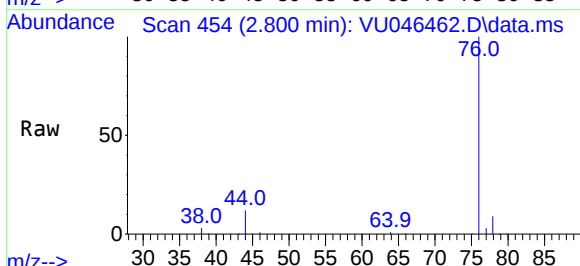
Acq: 17 Dec 2021 11:22

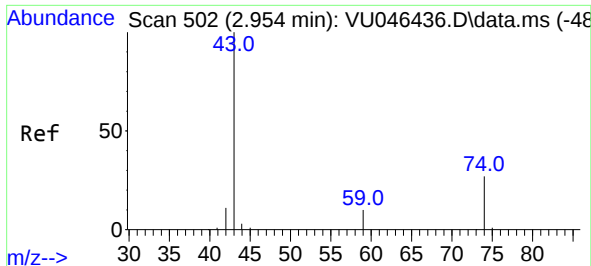
Tgt Ion: 76 Resp: 176267

Ion Ratio Lower Upper

76 100

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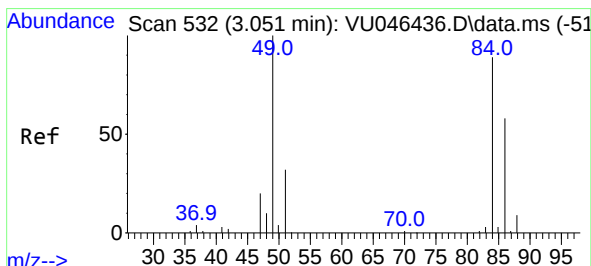
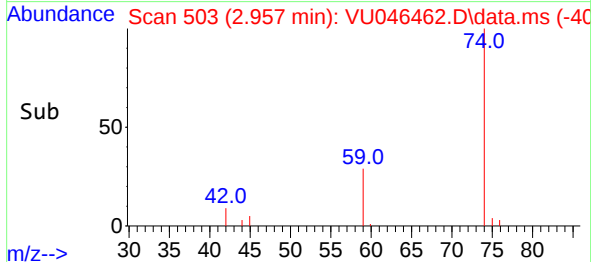
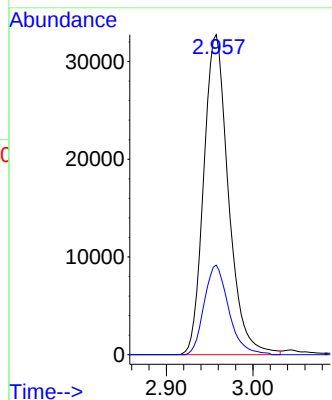
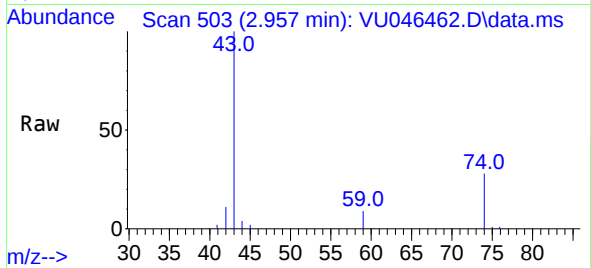




#15
Methyl Acetate
Concen: 46.057 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

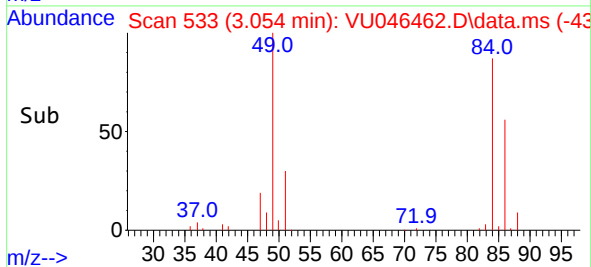
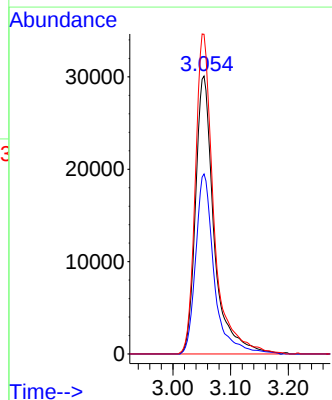
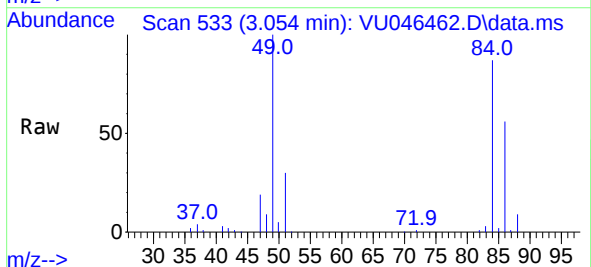
Instrument :
MSVOA_U
ClientSampleId :

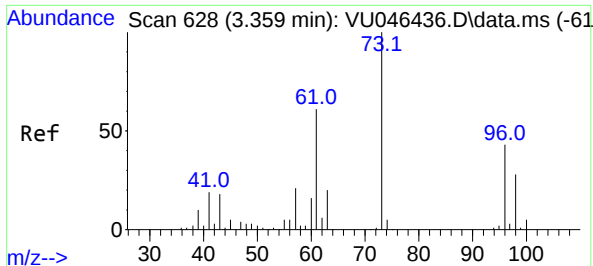
Tgt Ion: 43 Resp: 65085
Ion Ratio Lower Upper
43 100
74 27.7 20.8 31.2



#16
Methylene chloride
Concen: 55.054 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion: 84 Resp: 67085
Ion Ratio Lower Upper
84 100
86 64.8 44.7 83.1
49 115.0 78.4 145.6

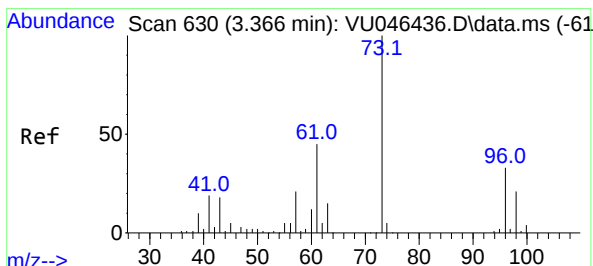
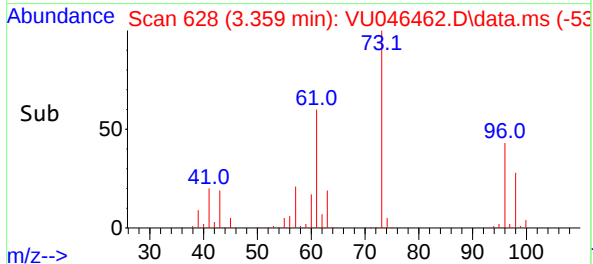
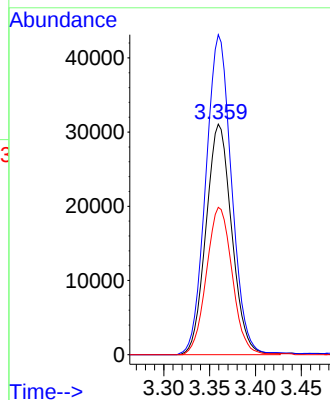
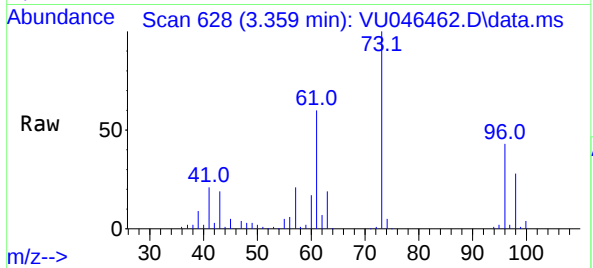




#17
trans-1,2-Dichloroethene
Concen: 56.004 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

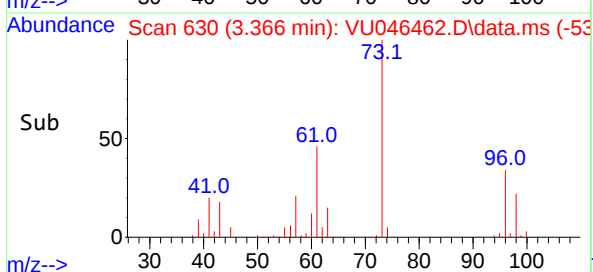
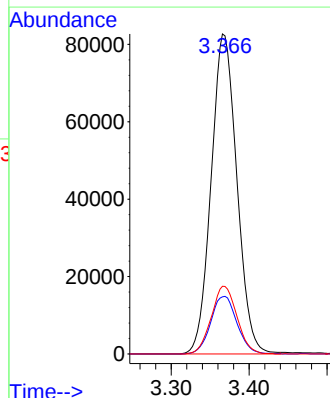
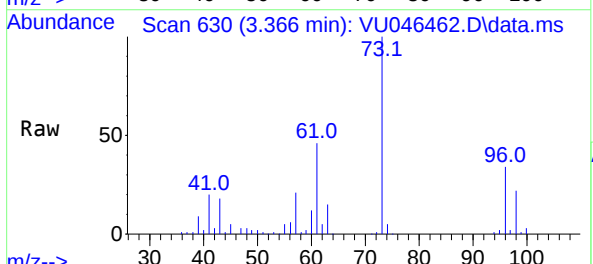
Instrument :
MSVOA_U
ClientSampleId :

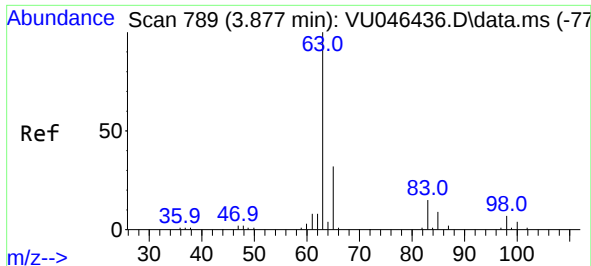
Tgt Ion: 96 Resp: 60700
Ion Ratio Lower Upper
96 100
61 138.8 94.6 175.6
98 63.9 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 56.814 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion: 73 Resp: 189772
Ion Ratio Lower Upper
73 100
43 18.5 14.0 21.0
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 57.642 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

Instrument :

MSVOA_U

ClientSampleId :

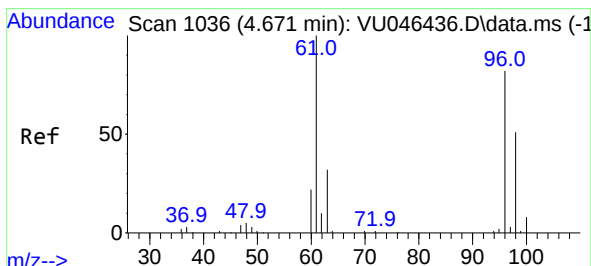
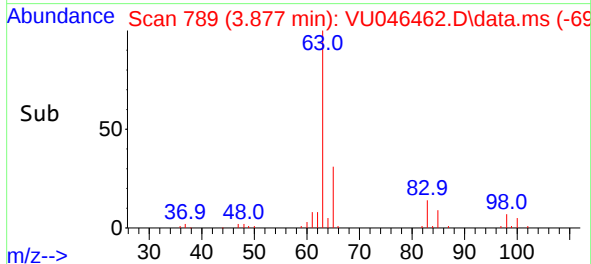
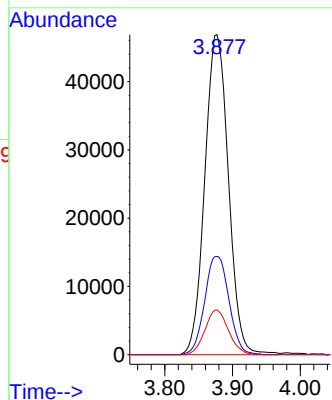
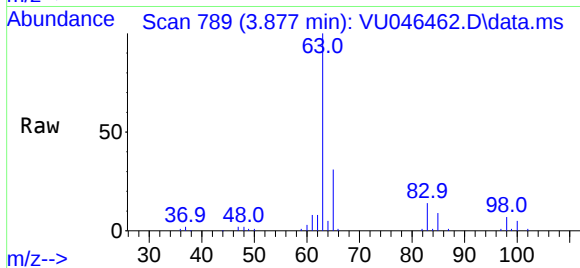
Tgt Ion: 63 Resp: 113594

Ion Ratio Lower Upper

63 100

65 30.7 22.8 42.4

83 14.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 55.820 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

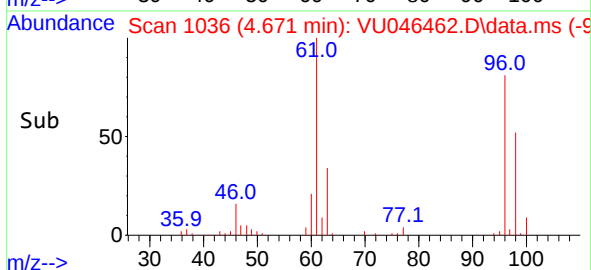
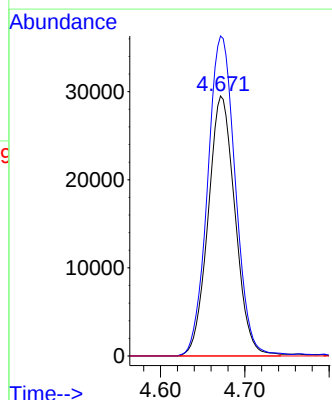
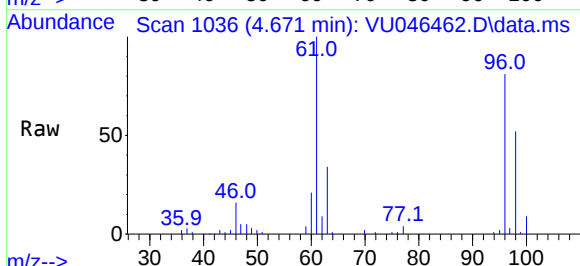
Tgt Ion: 96 Resp: 65646

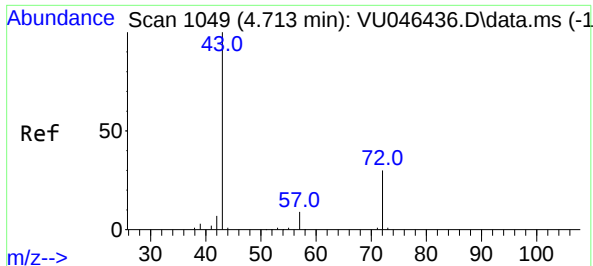
Ion Ratio Lower Upper

96 100

61 123.1 86.8 161.2

68 0.0 0.0 0.0

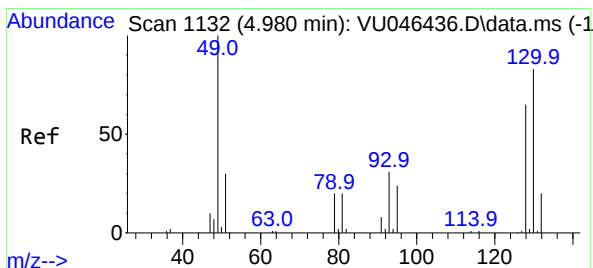
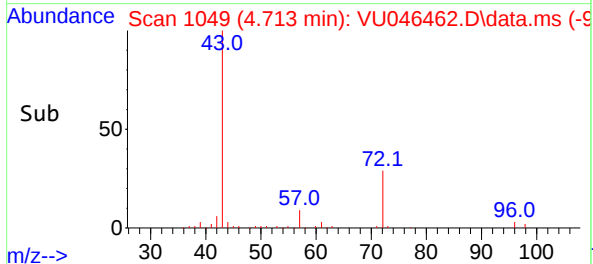
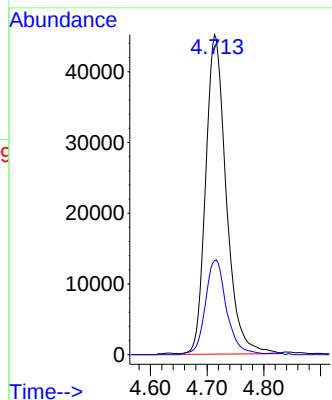
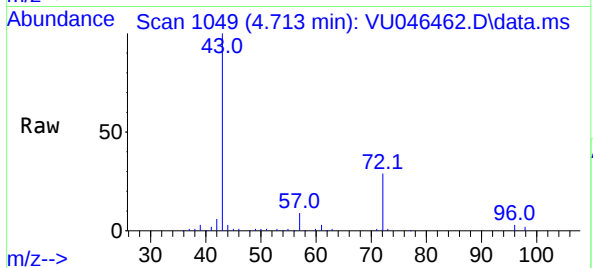




#22
2-Butanone
Concen: 86.347 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

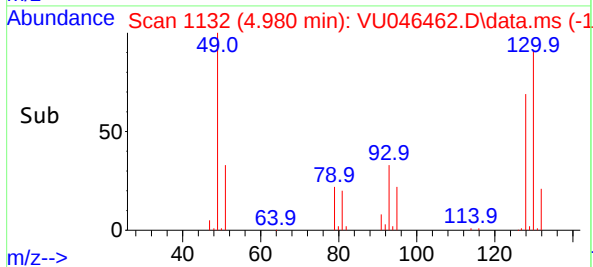
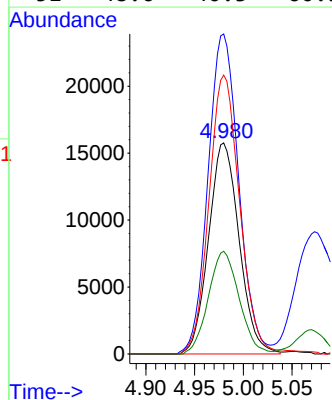
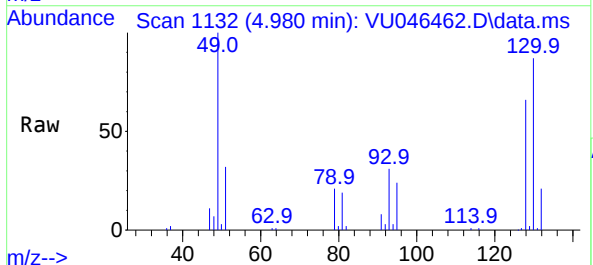
Instrument :
MSVOA_U
ClientSampleId :

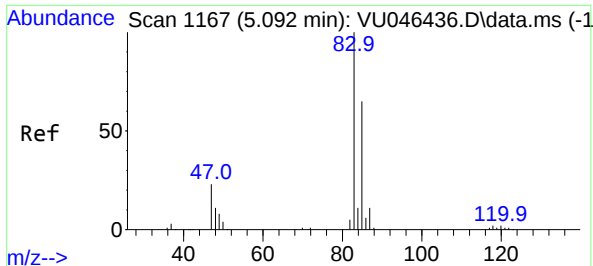
Tgt Ion: 43 Resp: 113947
Ion Ratio Lower Upper
43 100
72 30.6 14.5 43.6



#23
Bromochloromethane
Concen: 57.961 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion:128 Resp: 34427
Ion Ratio Lower Upper
128 100
49 151.6 115.9 215.3
130 132.1 91.8 170.4
51 48.6 40.3 60.5

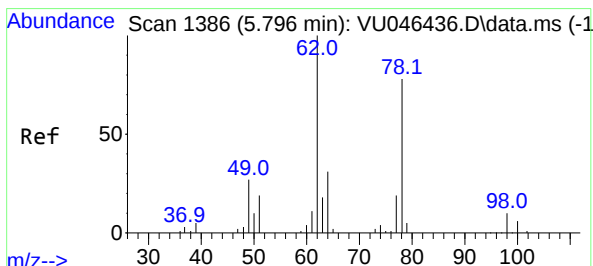
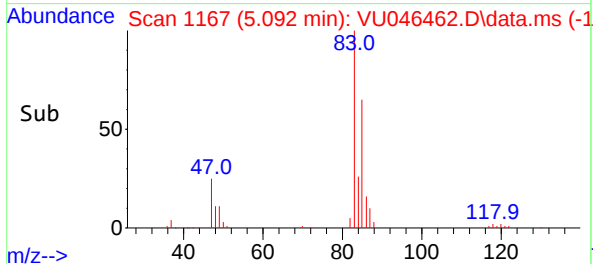
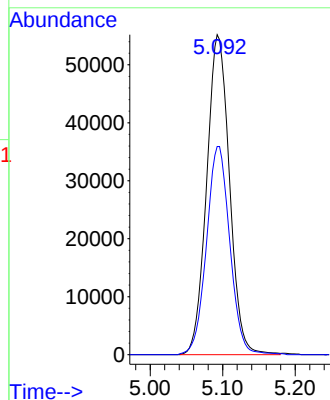
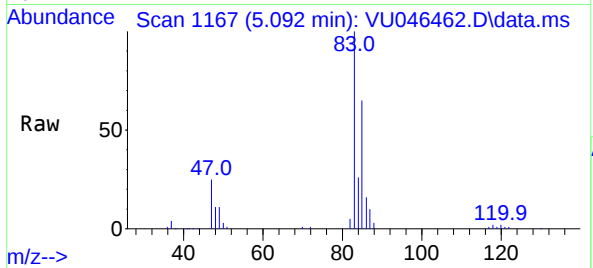




#25
Chloroform
Concen: 55.209 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

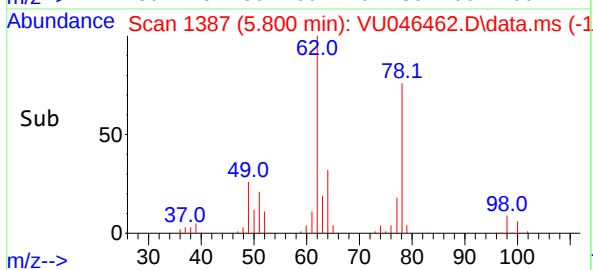
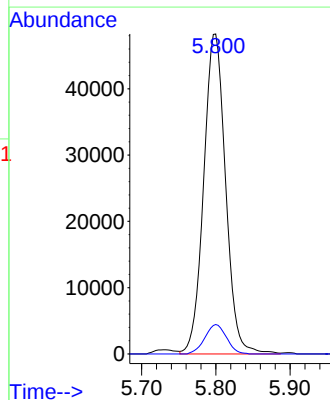
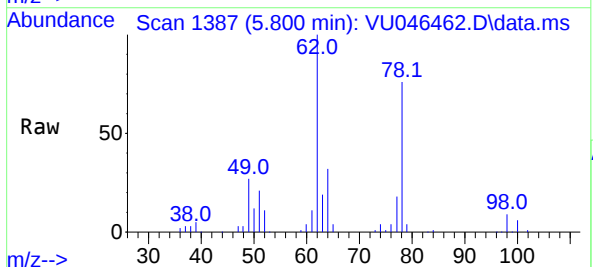
Instrument :
MSVOA_U
ClientSampleId :

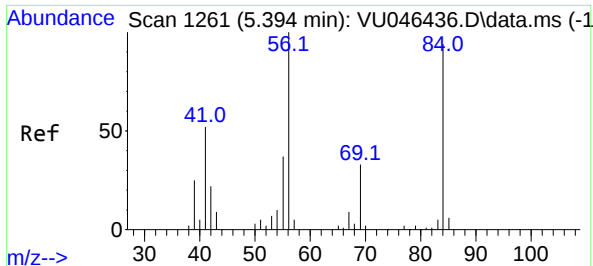
Tgt Ion: 83 Resp: 120882
Ion Ratio Lower Upper
83 100
85 65.0 45.8 85.2



#27
1,2-Dichloroethane
Concen: 60.928 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion: 62 Resp: 98994
Ion Ratio Lower Upper
62 100
98 9.2 7.9 11.9





#29

Cyclohexane

Concen: 56.156 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

Instrument :

MSVOA_U

ClientSampleId :

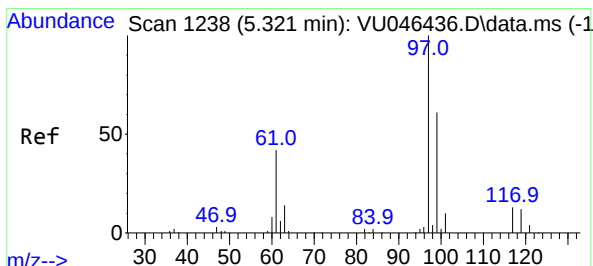
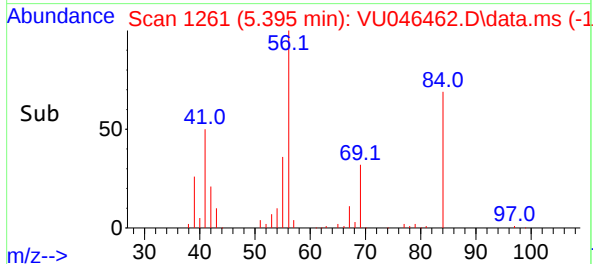
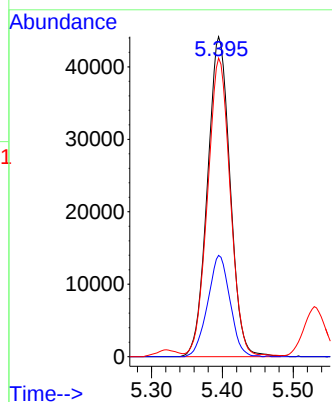
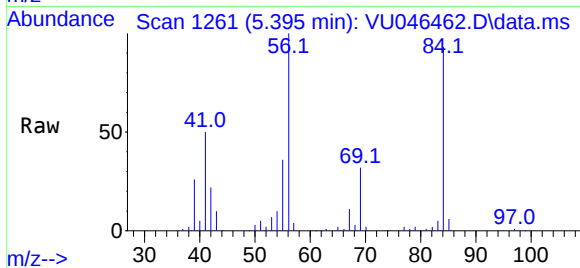
Tgt Ion: 56 Resp: 98017

Ion Ratio Lower Upper

56 100

69 31.1 25.2 37.8

84 93.8 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 58.424 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

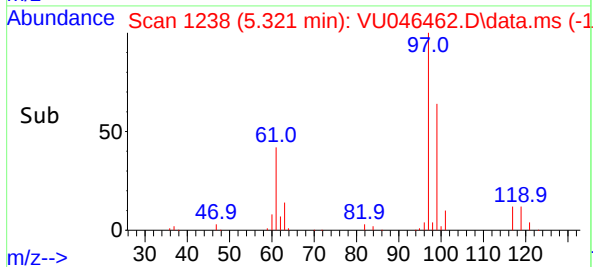
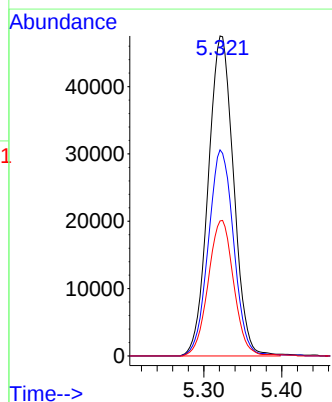
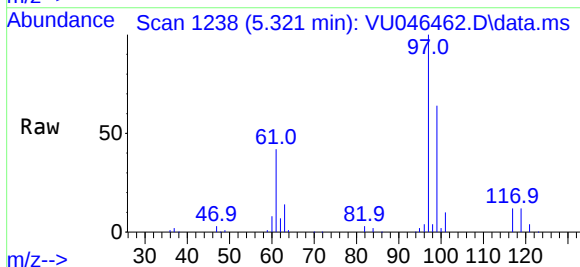
Tgt Ion: 97 Resp: 107500

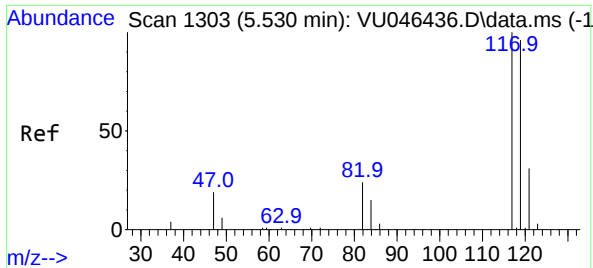
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 42.4 34.4 51.6

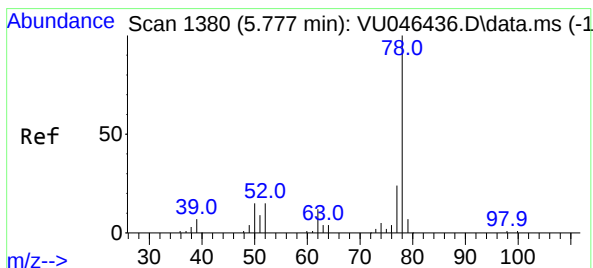
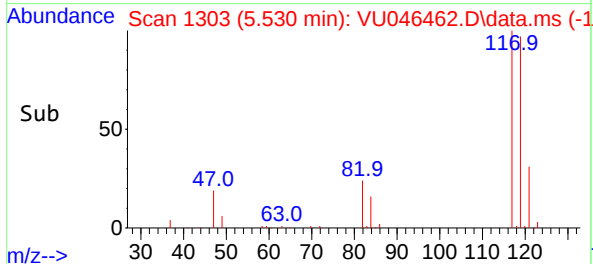
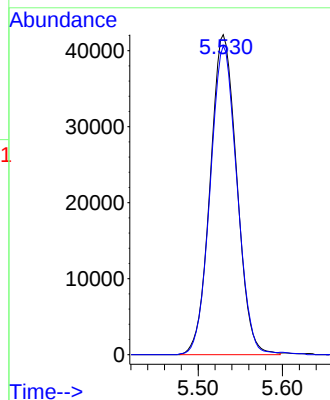
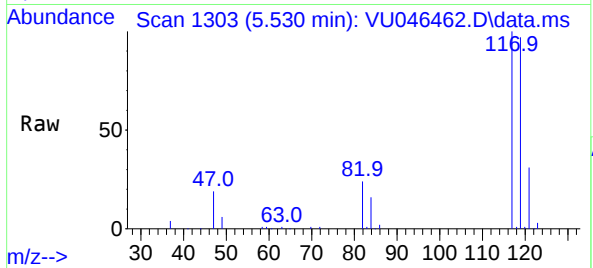




#31
Carbon tetrachloride
Concen: 58.979 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

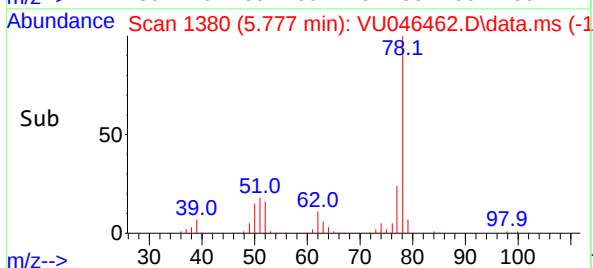
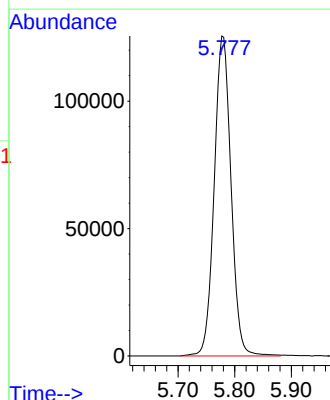
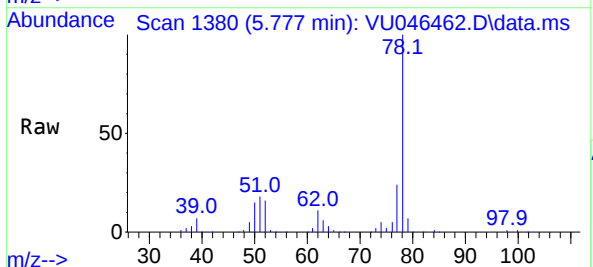
Instrument :
MSVOA_U
ClientSampleId :

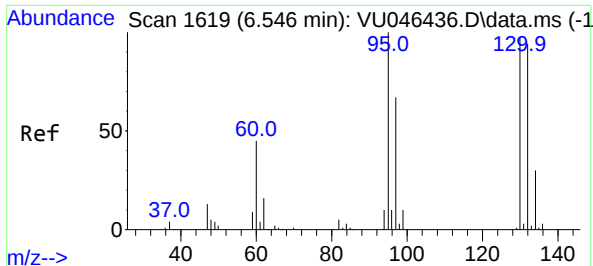
Tgt Ion:117 Resp: 92128
Ion Ratio Lower Upper
117 100
119 97.0 75.7 113.5



#33
Benzene
Concen: 57.069 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

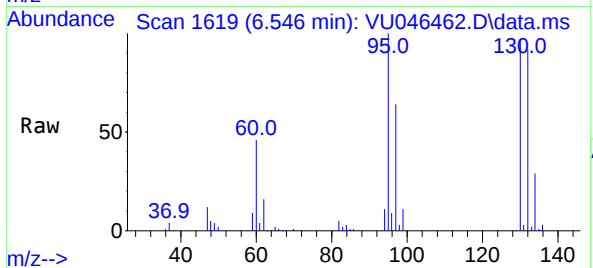
Tgt Ion: 78 Resp: 258909





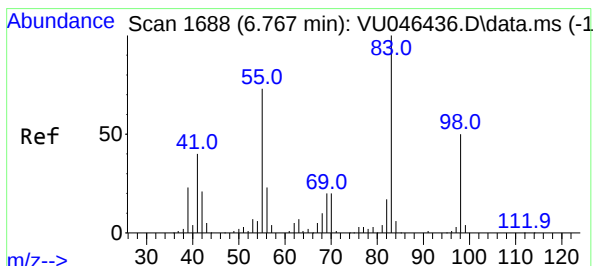
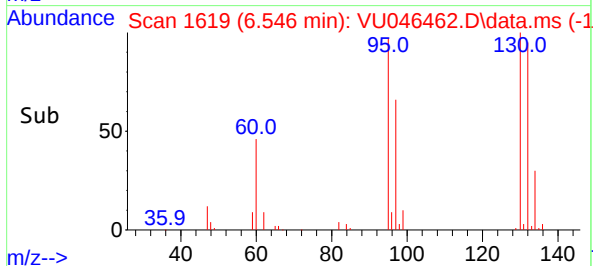
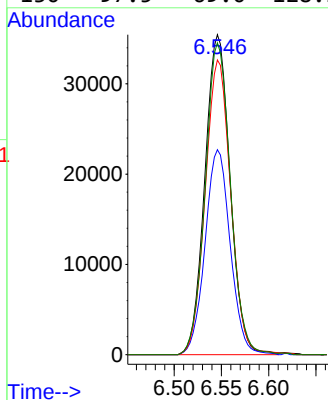
#34
Trichloroethene
Concen: 55.100 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 65855

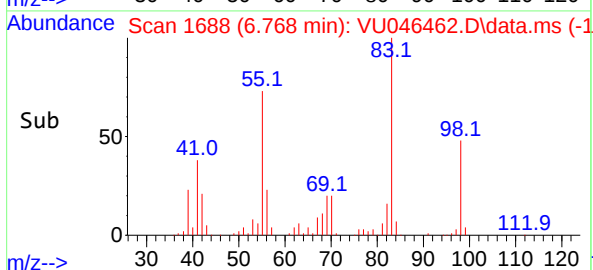
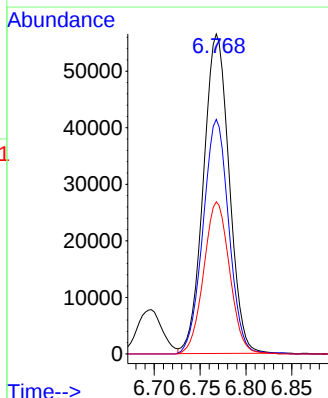
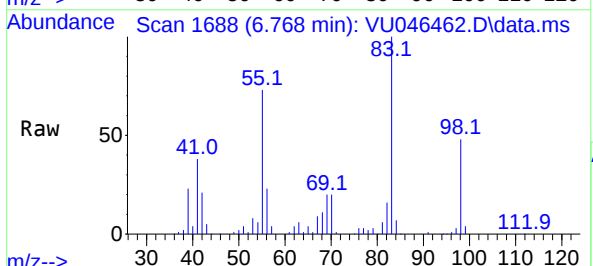
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.1	81.9
132	92.1	66.8	124.0
130	97.5	69.0	128.1

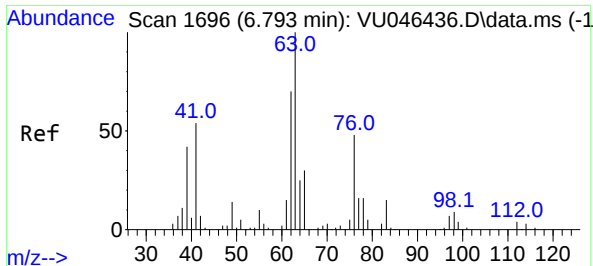


#35
Methylcyclohexane
Concen: 59.568 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion: 83 Resp: 110391

Ion	Ratio	Lower	Upper
83	100		
55	73.5	57.8	86.6
98	48.0	38.4	57.6

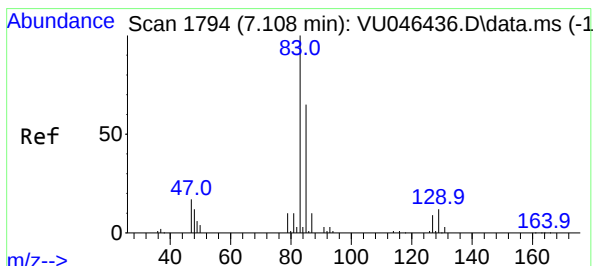
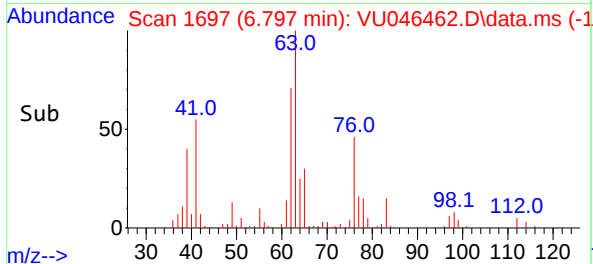
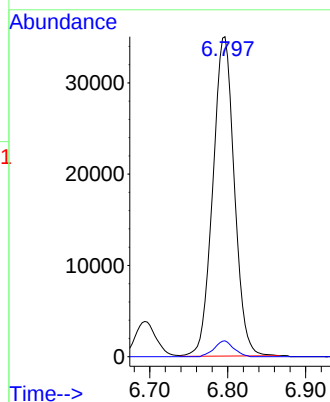
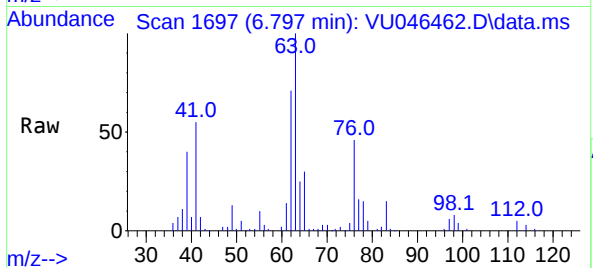




#37
1,2-Dichloropropane
Concen: 56.438 ug/L
RT: 6.797 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

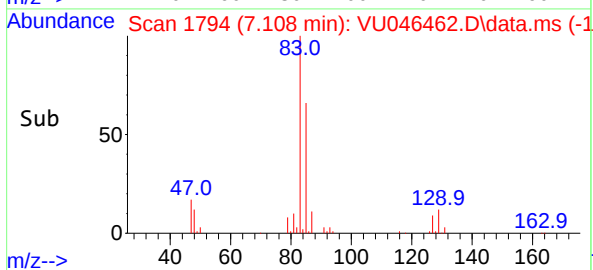
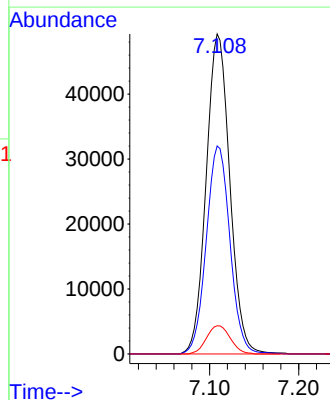
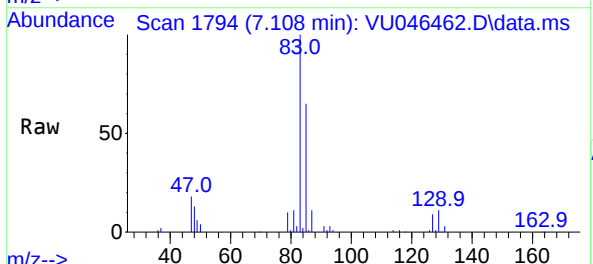
Instrument :
MSVOA_U
ClientSampleId :

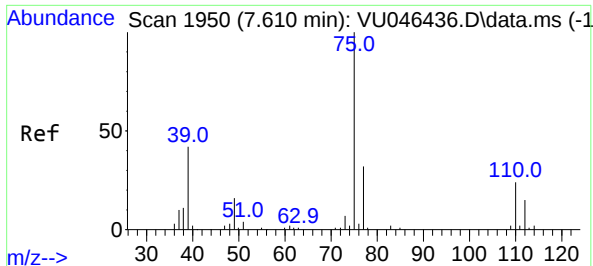
Tgt Ion: 63 Resp: 67073
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 57.502 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion: 83 Resp: 90832
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.5
127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 56.077 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

Instrument :

MSVOA_U

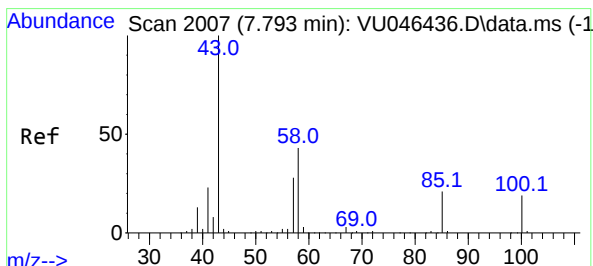
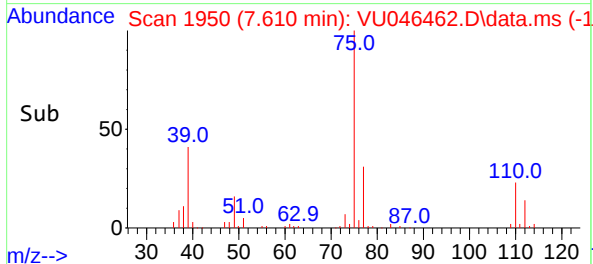
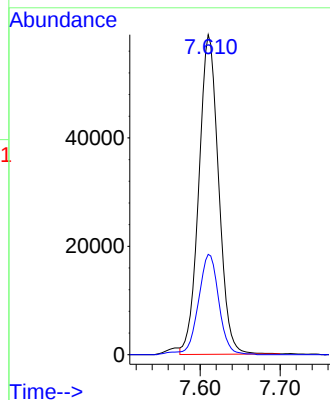
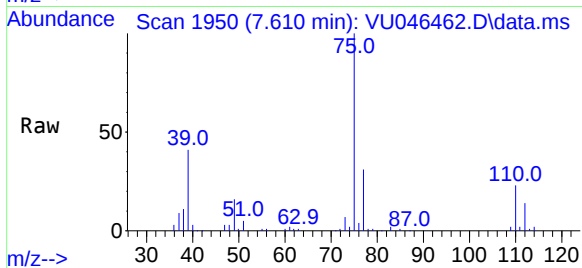
ClientSampleId :

Tgt Ion: 75 Resp: 101386

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 100.250 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

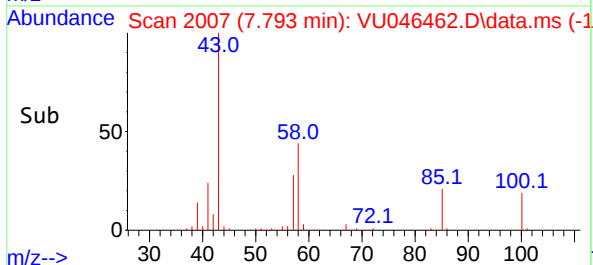
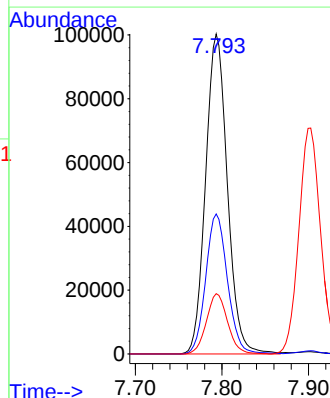
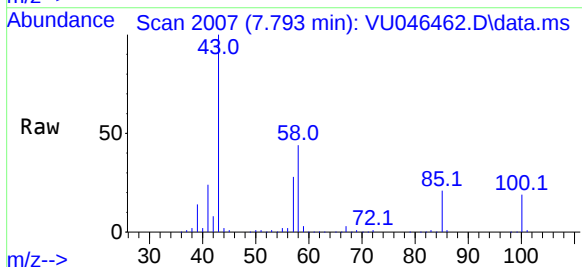
Tgt Ion: 43 Resp: 175047

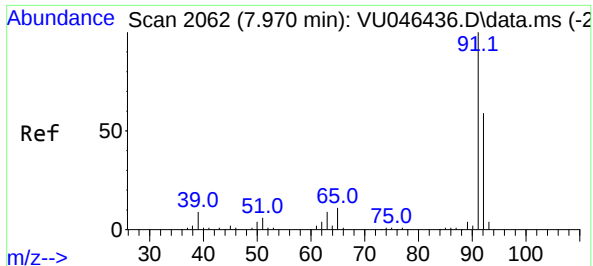
Ion Ratio Lower Upper

43 100

58 43.8 34.2 51.4

100 18.3 14.5 21.7

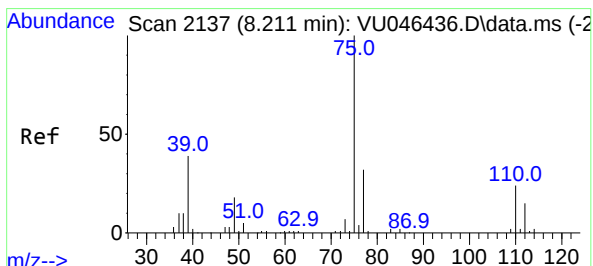
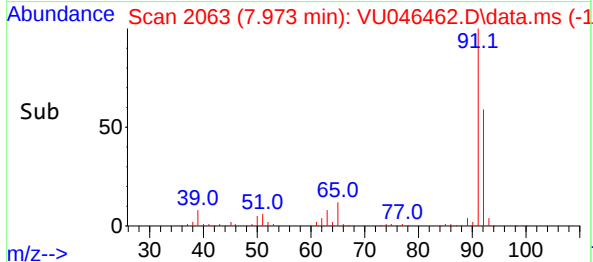
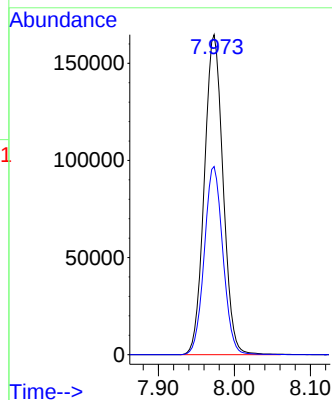
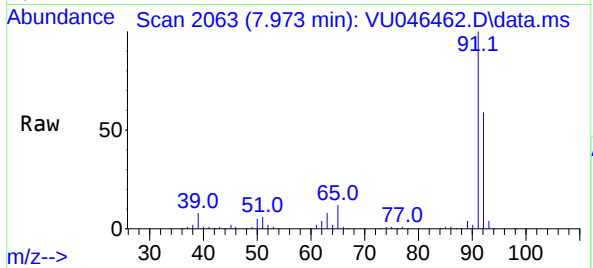




#42
Toluene
Concen: 57.943 ug/L
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

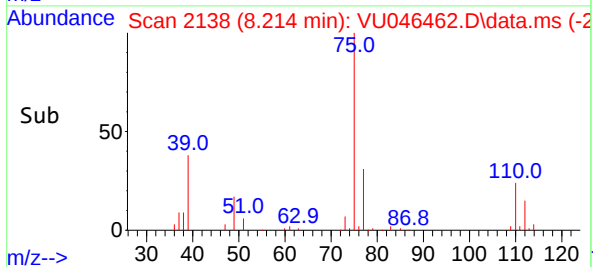
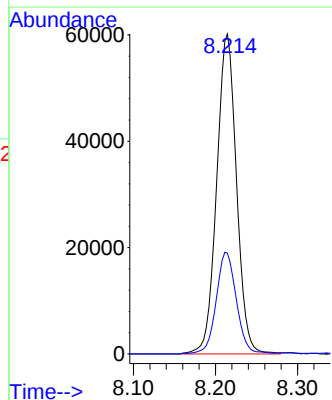
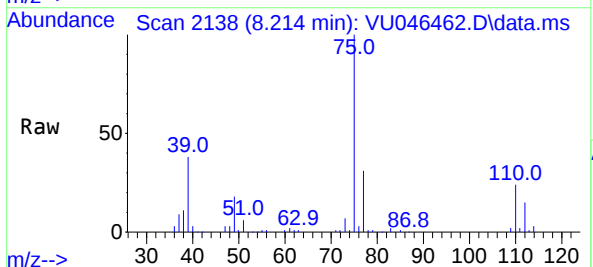
Instrument :
MSVOA_U
ClientSampleId :

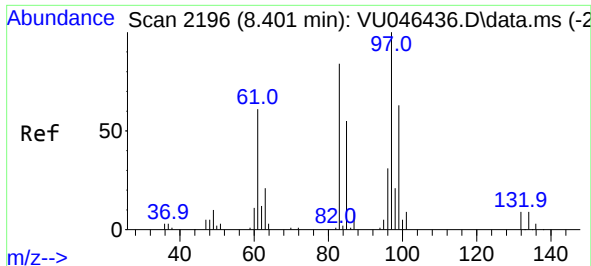
Tgt Ion: 91 Resp: 282073
Ion Ratio Lower Upper
91 100
92 58.8 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 56.899 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion: 75 Resp: 101036
Ion Ratio Lower Upper
75 100
77 31.5 21.7 40.3



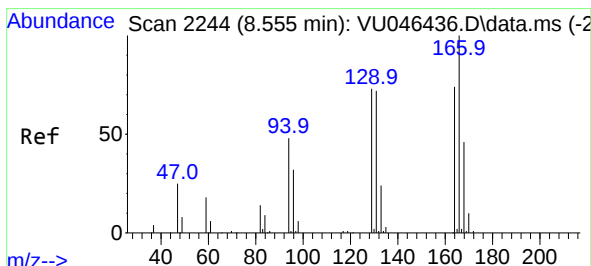
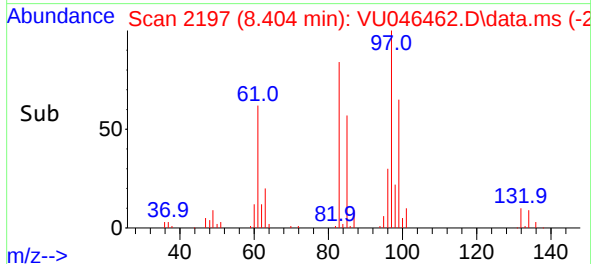
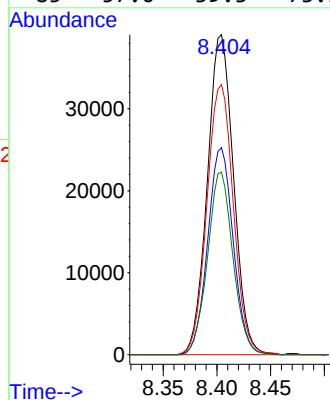
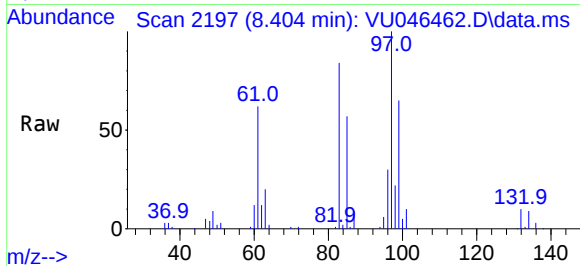


#45
1,1,2-Trichloroethane
Concen: 55.598 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 66290

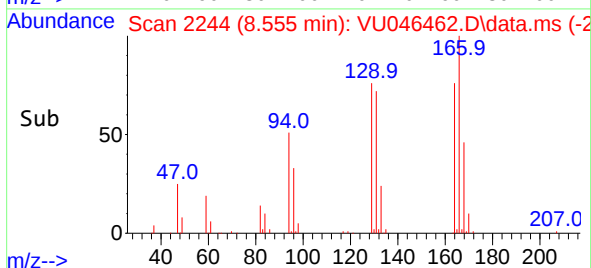
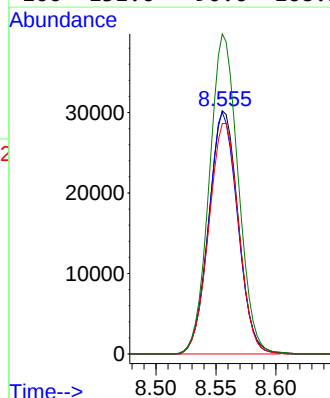
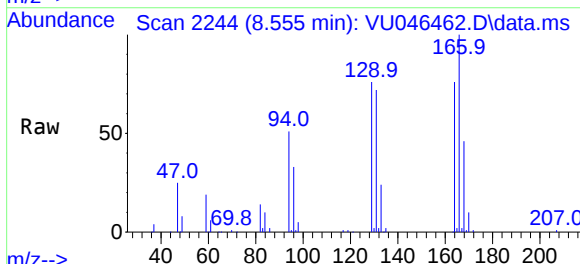
Ion	Ratio	Lower	Upper
97	100		
99	64.7	44.7	82.9
83	84.4	60.2	111.8
85	57.0	39.3	73.1

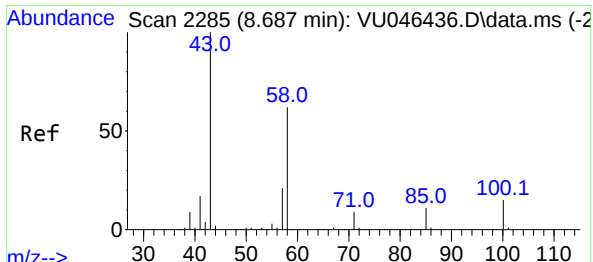


#46
Tetrachloroethene
Concen: 58.762 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion: 164 Resp: 51611

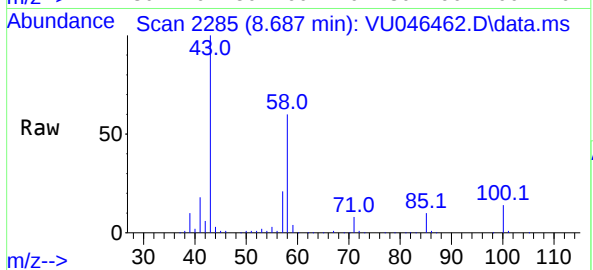
Ion	Ratio	Lower	Upper
164	100		
129	99.4	71.1	132.1
131	94.8	67.8	126.0
166	131.6	90.6	168.2



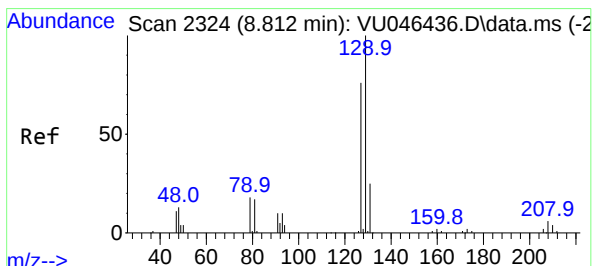
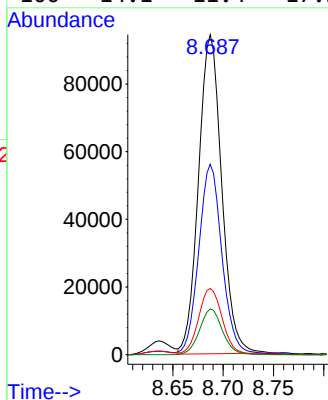
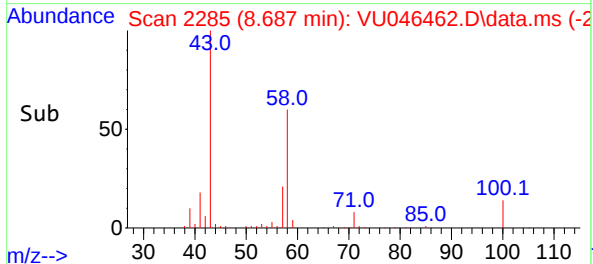


#48
2-Hexanone
Concen: 96.997 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Instrument :
MSVOA_U
ClientSampleId :

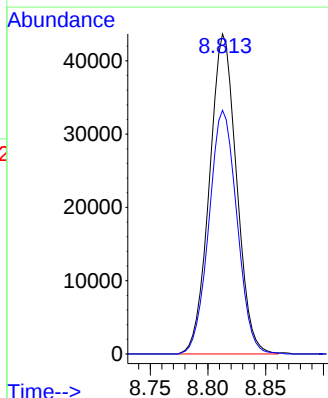
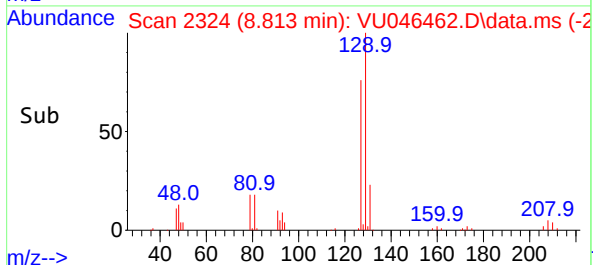
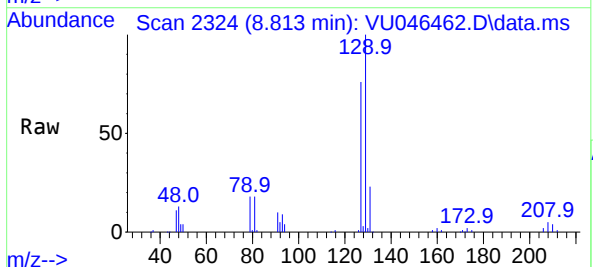


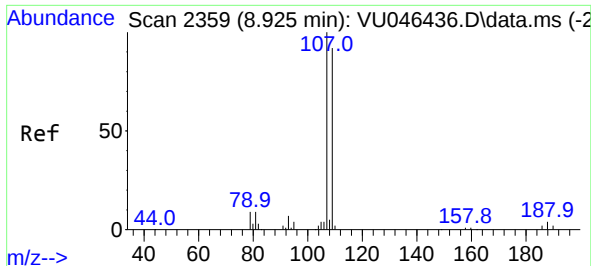
Tgt Ion: 43 Resp: 151470
Ion Ratio Lower Upper
43 100
58 60.4 47.4 71.2
57 21.4 16.6 25.0
100 14.1 11.4 17.2



#49
Dibromochloromethane
Concen: 56.961 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

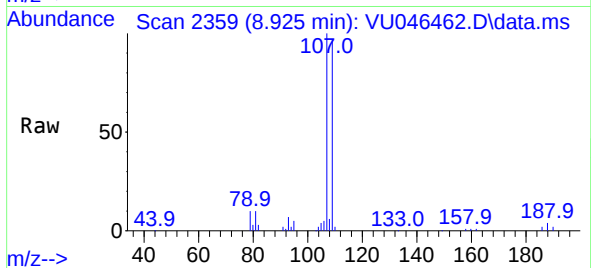
Tgt Ion: 129 Resp: 71319
Ion Ratio Lower Upper
129 100
127 76.2 55.6 103.4



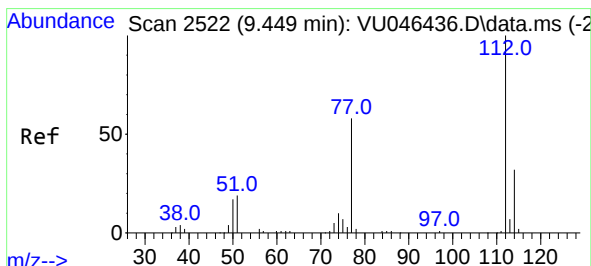
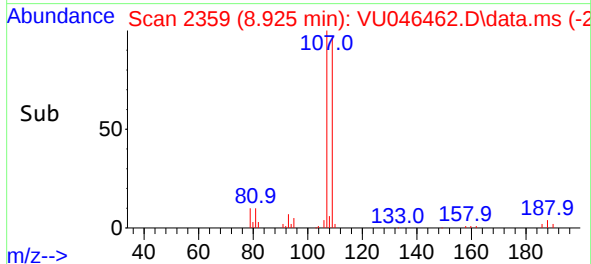
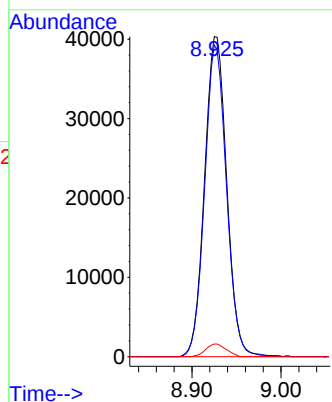


#50
1,2-Dibromoethane
Concen: 53.816 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Instrument :
MSVOA_U
ClientSampleId :

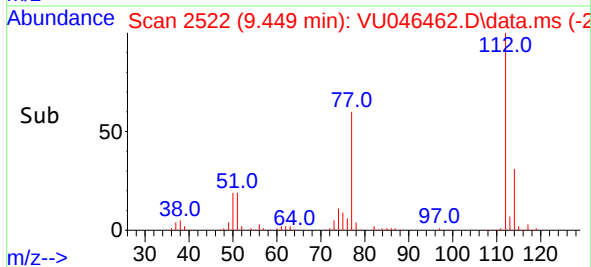
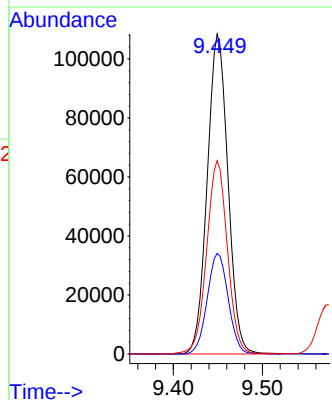
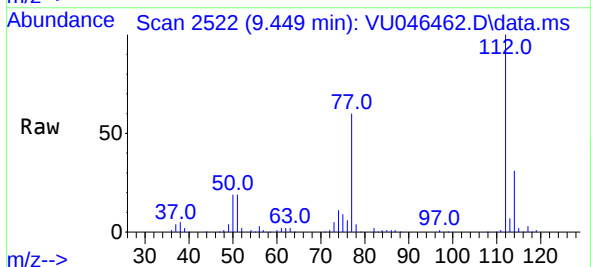


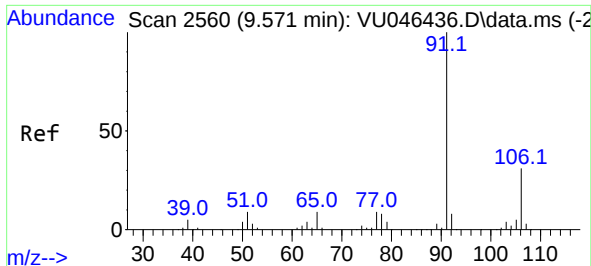
Tgt Ion:107 Resp: 69566
Ion Ratio Lower Upper
107 100
109 97.4 64.9 120.5
188 4.0 2.6 3.8#



#51
Chlorobenzene
Concen: 55.587 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion:112 Resp: 175066
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 60.4 47.4 71.0





#52

Ethylbenzene

Concen: 57.325 ug/L

RT: 9.575 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

Instrument :

MSVOA_U

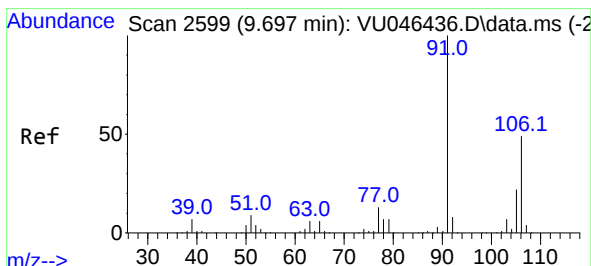
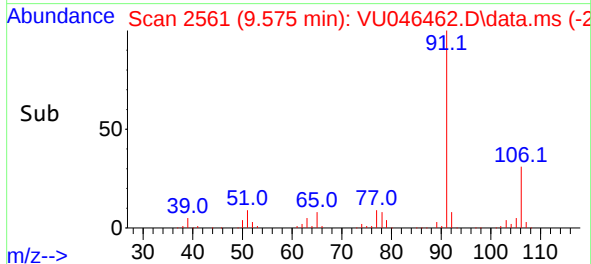
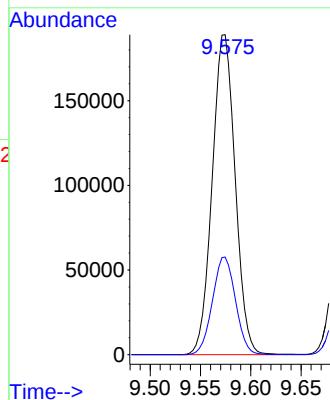
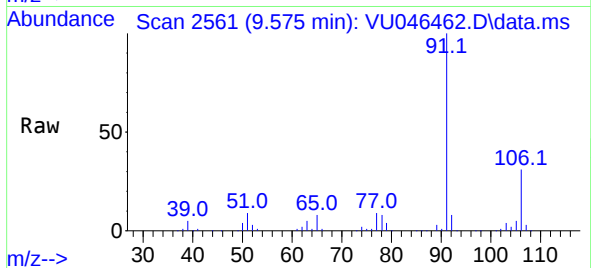
ClientSampleId :

Tgt Ion: 91 Resp: 300330

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.3



#53

m,p-Xylene

Concen: 58.271 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU046462.D

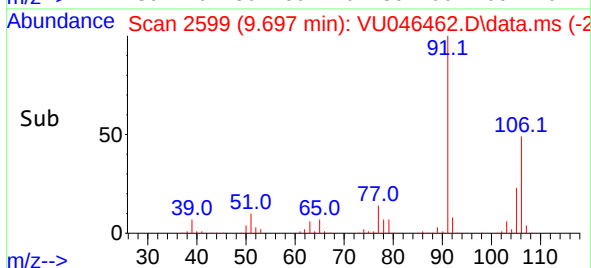
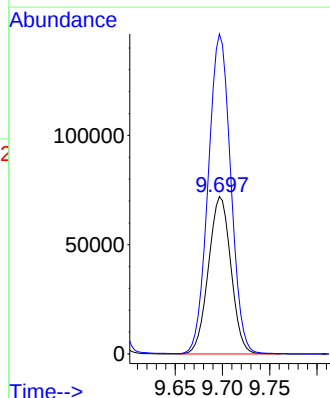
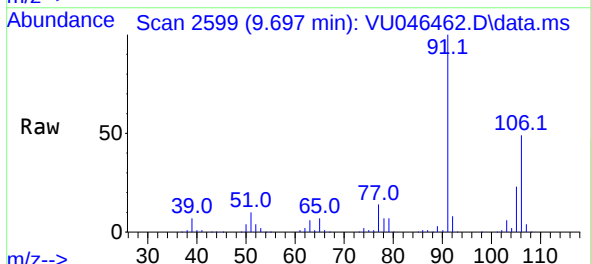
Acq: 17 Dec 2021 11:22

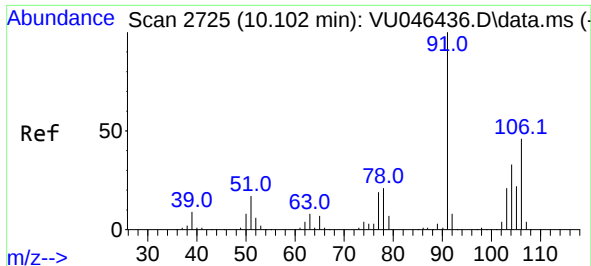
Tgt Ion:106 Resp: 119057

Ion Ratio Lower Upper

106 100

91 203.3 144.3 268.1

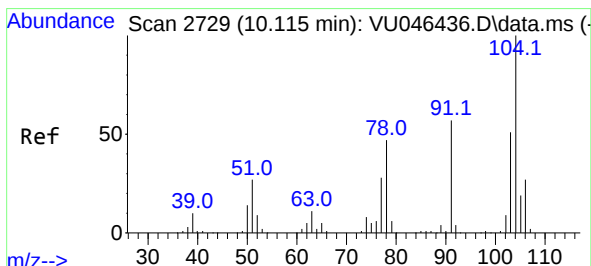
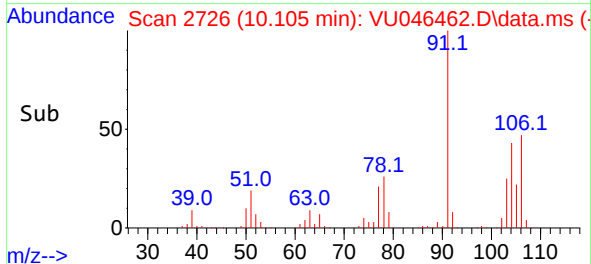
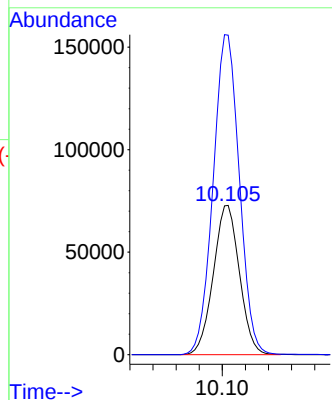
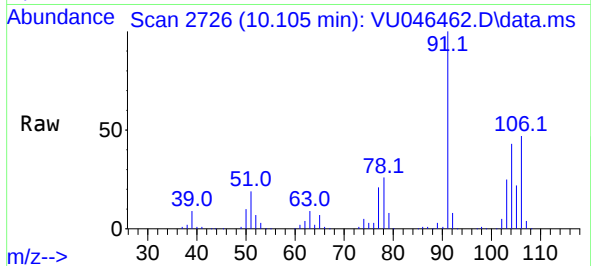




#54
o-xylene
Concen: 57.615 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

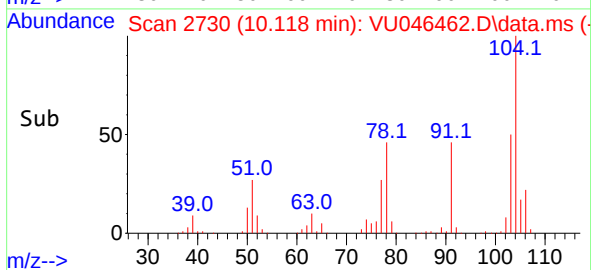
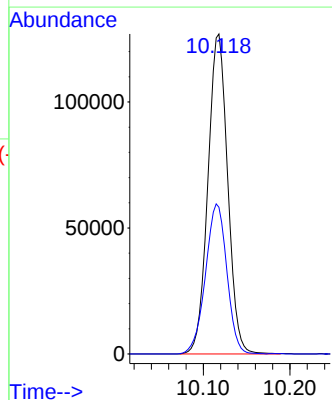
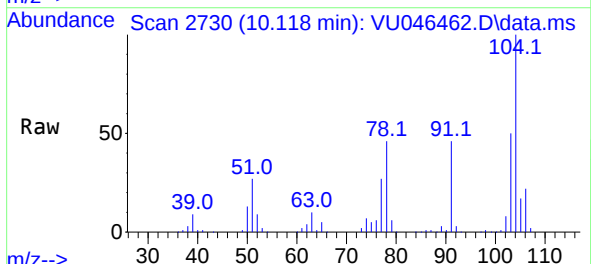
Instrument :
MSVOA_U
ClientSampleId :

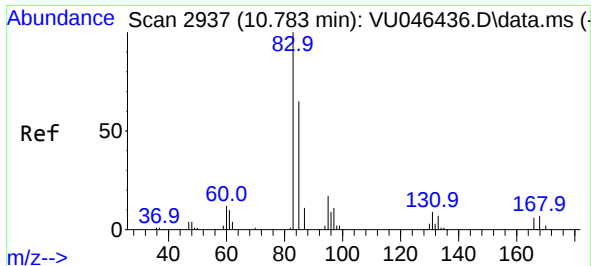
Tgt Ion:106 Resp: 114225
Ion Ratio Lower Upper
106 100
91 214.0 154.2 286.4



#55
Styrene
Concen: 59.452 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion:104 Resp: 201232
Ion Ratio Lower Upper
104 100
78 45.8 32.6 60.5

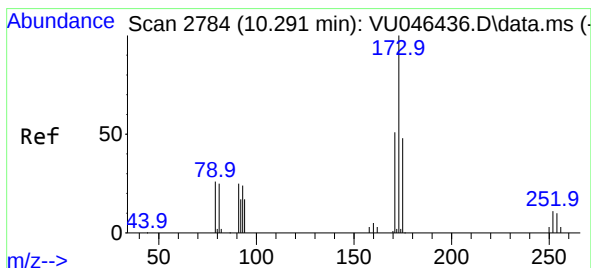
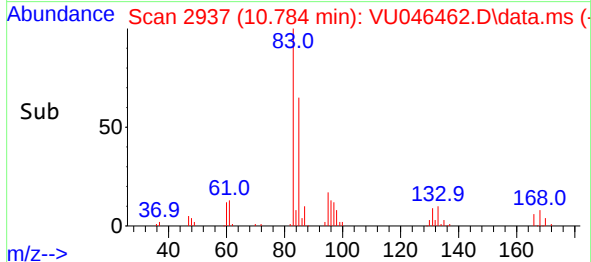
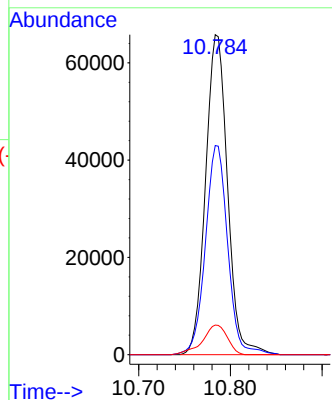
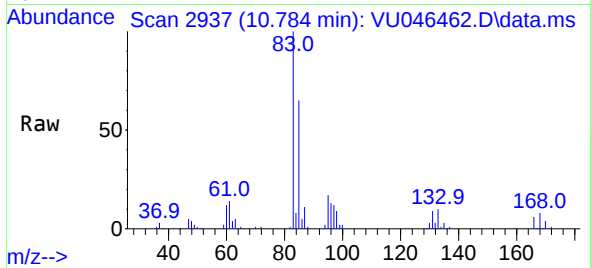




#57
1,1,2,2-Tetrachloroethane
Concen: 53.519 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

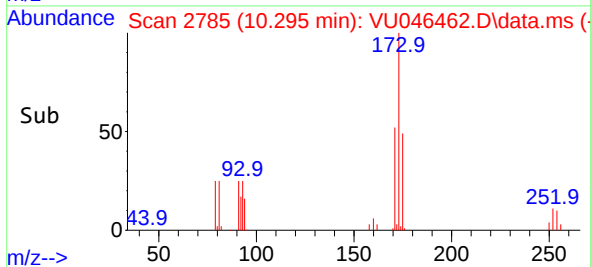
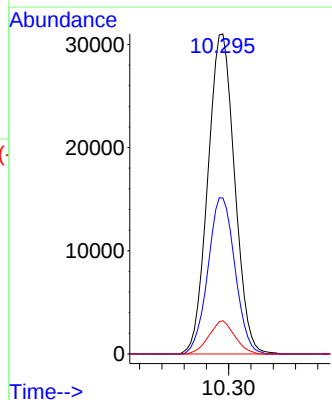
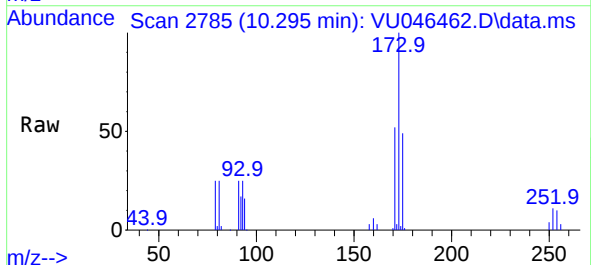
Instrument :
MSVOA_U
ClientSampleId :

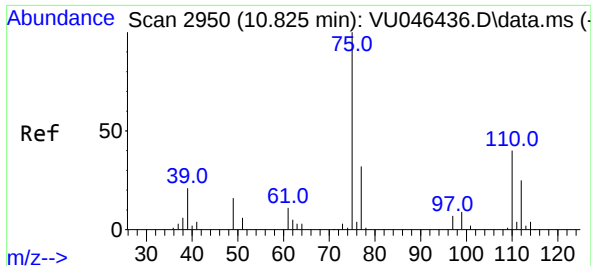
Tgt Ion: 83 Resp: 109400
Ion Ratio Lower Upper
83 100
85 65.4 45.6 84.6
131 9.3 7.8 11.6



#59
Bromoform
Concen: 52.170 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion:173 Resp: 51889
Ion Ratio Lower Upper
173 100
175 49.1 39.2 58.8
254 9.9 7.4 11.2

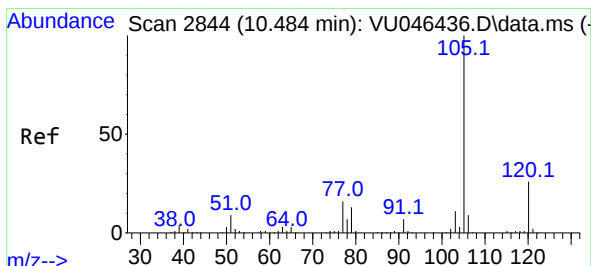
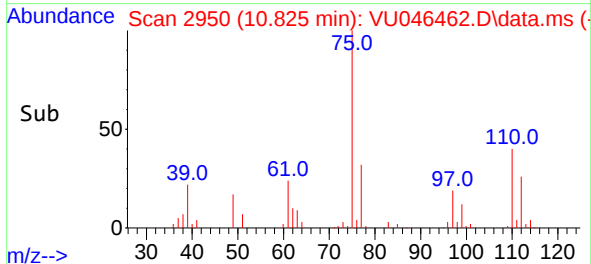
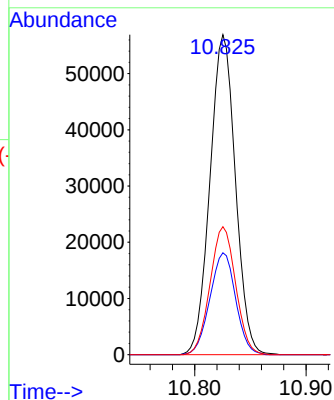
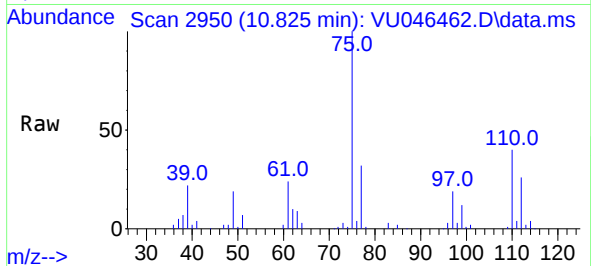




#60
1,2,3-Trichloropropane
Concen: 48.535 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

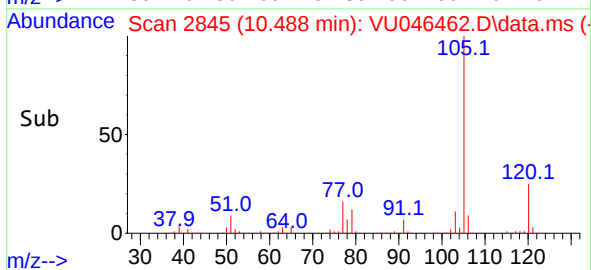
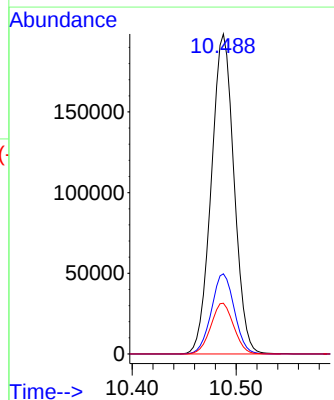
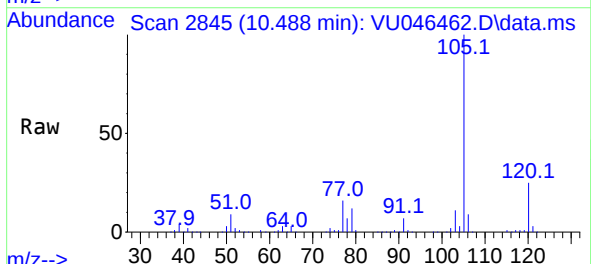
Instrument :
MSVOA_U
ClientSampleId :

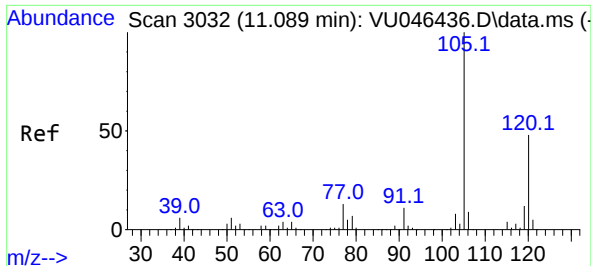
Tgt Ion:	75	Resp:	90204
Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.4	39.6
110	40.3	32.4	48.6



#61
Isopropylbenzene
Concen: 54.566 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion:	105	Resp:	301008
Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.7	31.1
77	16.0	12.2	18.4





#62

1,3,5-Trimethylbenzene

Concen: 56.969 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

Instrument :

MSVOA_U

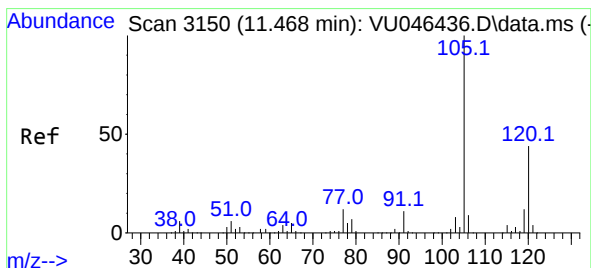
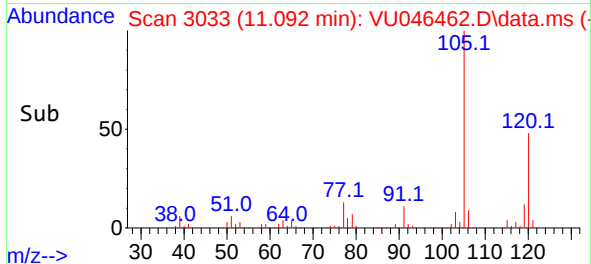
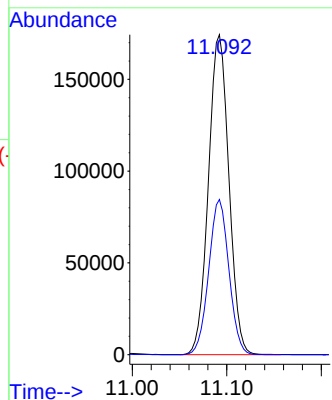
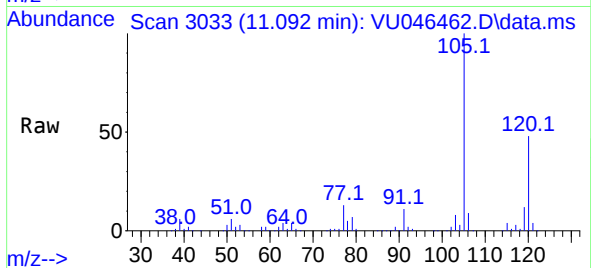
ClientSampleId :

Tgt Ion:105 Resp: 261940

Ion Ratio Lower Upper

105 100

120 47.9 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 57.410 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU046462.D

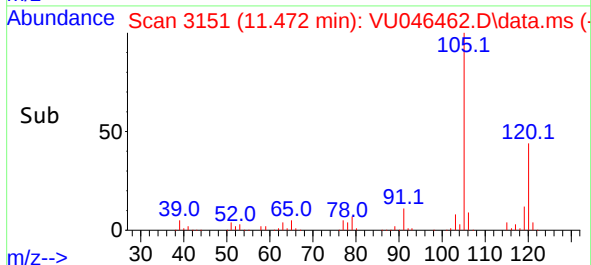
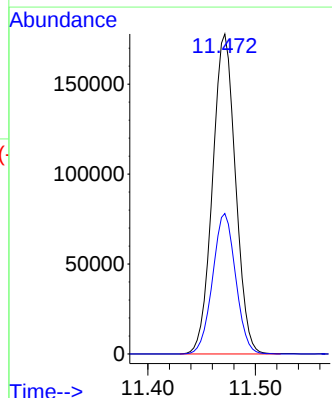
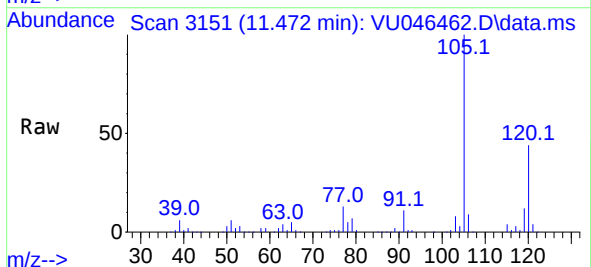
Acq: 17 Dec 2021 11:22

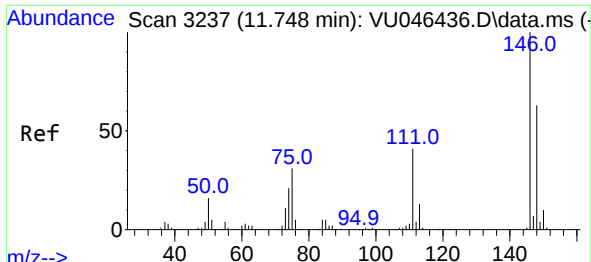
Tgt Ion:105 Resp: 264097

Ion Ratio Lower Upper

105 100

120 44.0 35.2 52.8

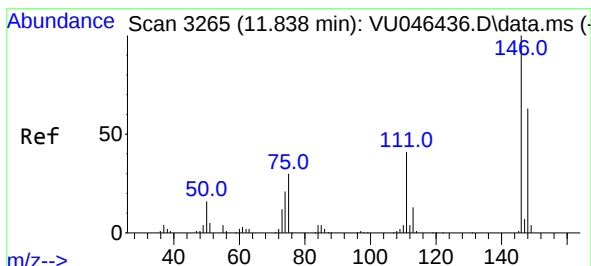
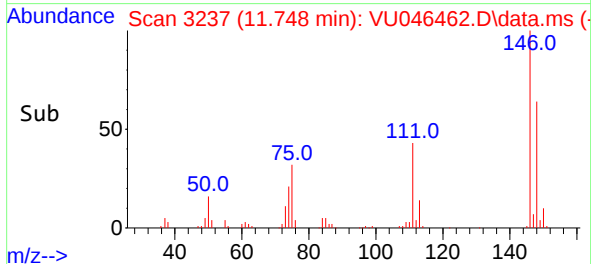
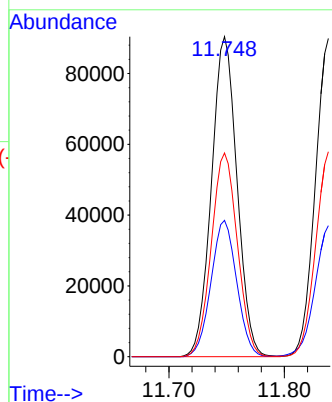
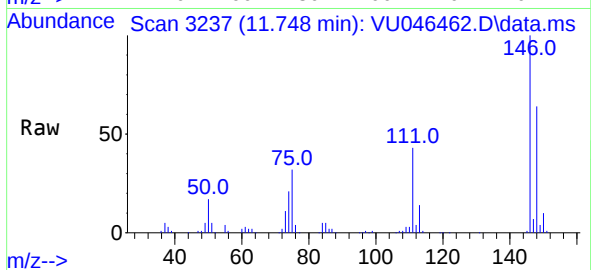




#64
1,3-Dichlorobenzene
Concen: 53.002 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

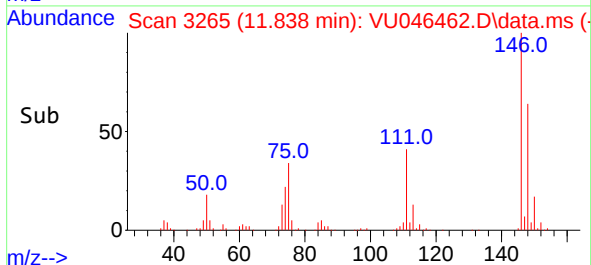
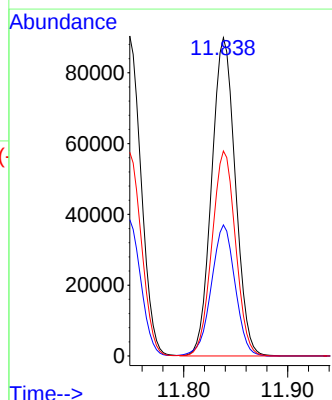
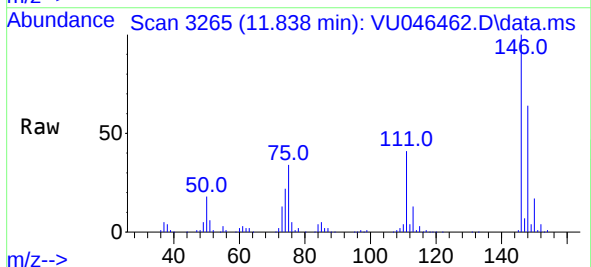
Instrument :
MSVOA_U
ClientSampleId :

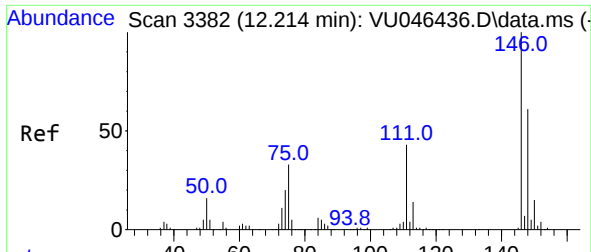
Tgt Ion:146 Resp: 138883
Ion Ratio Lower Upper
146 100
111 42.6 29.5 54.9
148 63.7 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 52.563 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion:146 Resp: 142347
Ion Ratio Lower Upper
146 100
111 41.2 28.3 52.7
148 64.4 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 52.782 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

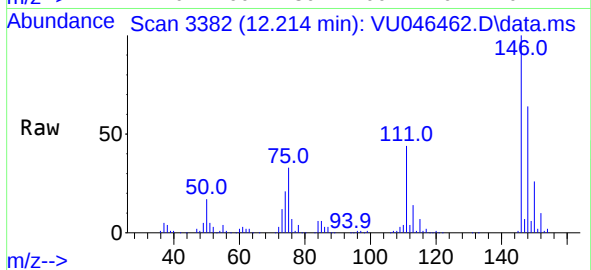
Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

Instrument :

MSVOA_U

ClientSampleId :



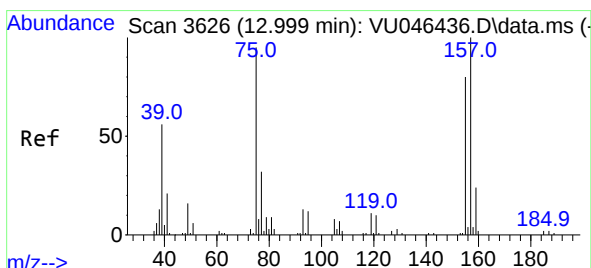
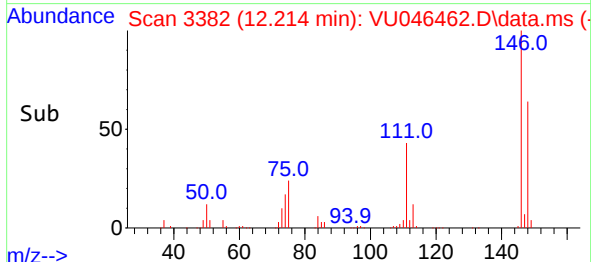
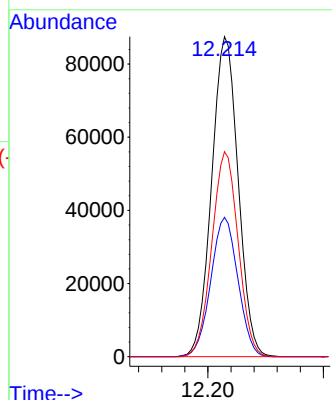
Tgt Ion:146 Resp: 139281

Ion Ratio Lower Upper

146 100

111 43.6 35.7 53.5

148 64.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 54.620 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

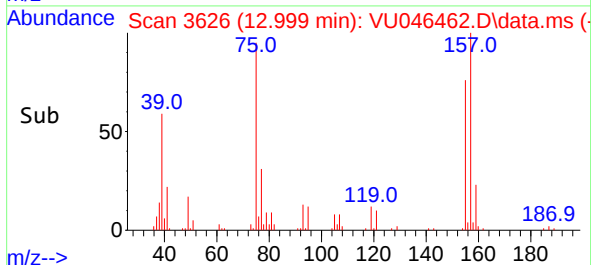
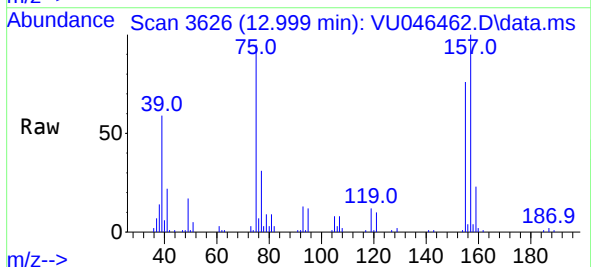
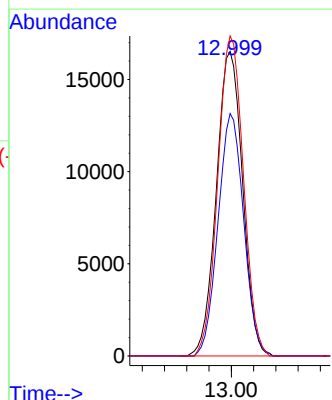
Tgt Ion: 75 Resp: 27043

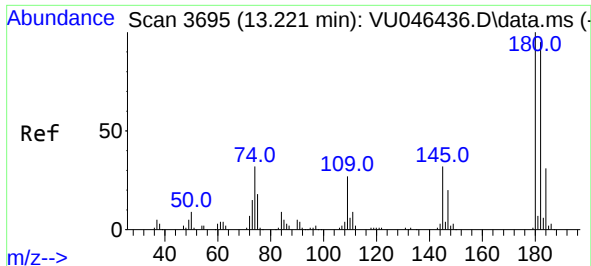
Ion Ratio Lower Upper

75 100

155 79.6 64.9 97.3

157 105.1 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 55.609 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

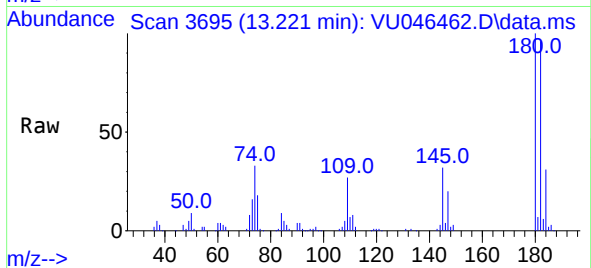
Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 106173

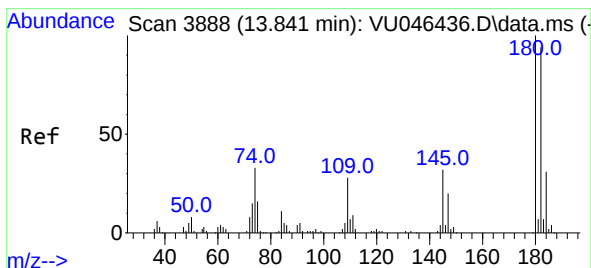
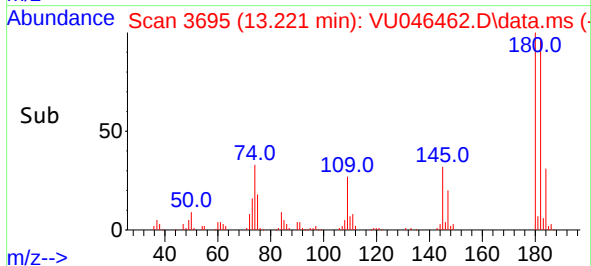
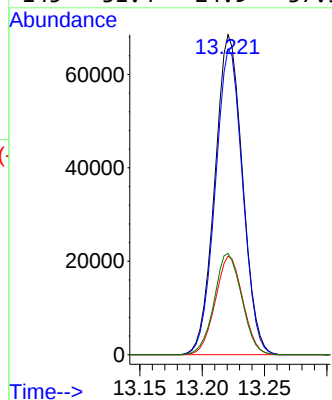
Ion Ratio Lower Upper

180 100

182 94.5 75.9 113.9

184 30.5 24.2 36.4

145 31.4 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 56.522 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046462.D

Acq: 17 Dec 2021 11:22

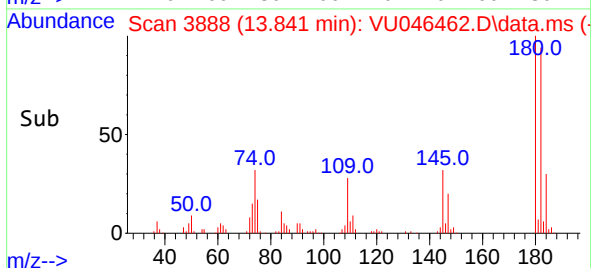
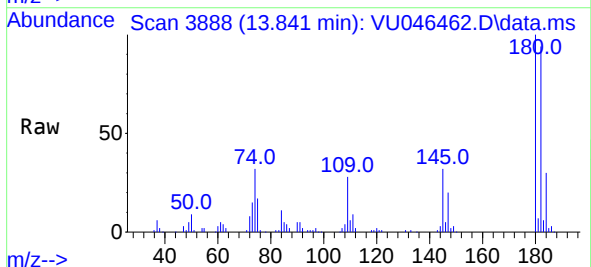
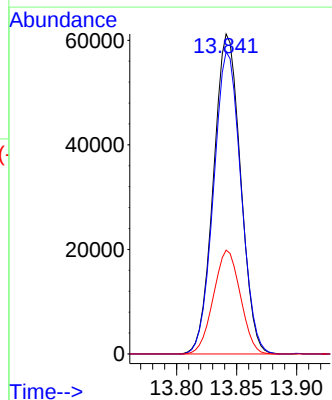
Tgt Ion:180 Resp: 95765

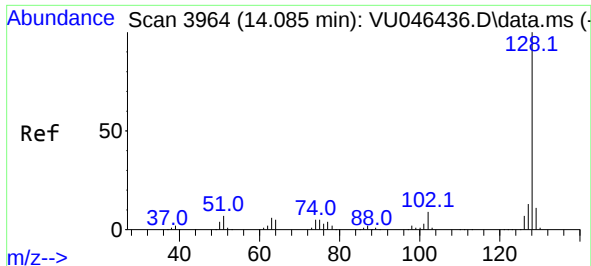
Ion Ratio Lower Upper

180 100

182 95.5 76.7 115.1

145 32.3 26.0 39.0

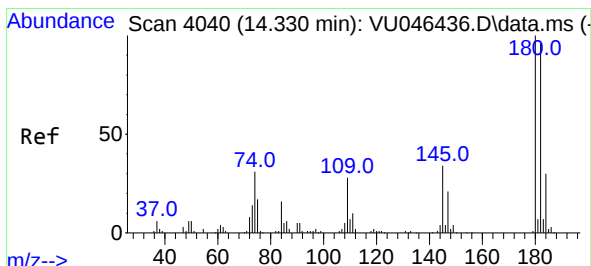
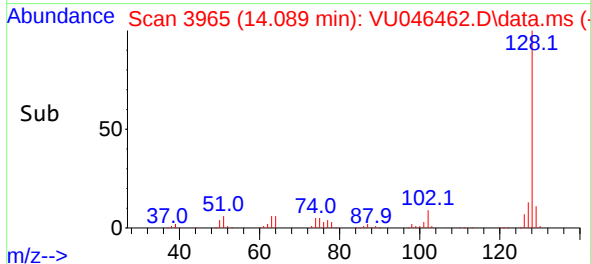
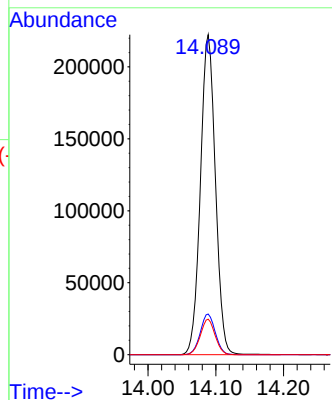
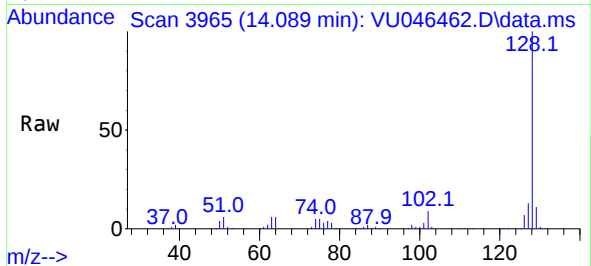




#71
Naphthalene
Concen: 57.883 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 341268
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 58.151 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU046462.D
Acq: 17 Dec 2021 11:22

Tgt Ion:180 Resp: 100470
Ion Ratio Lower Upper
180 100
182 96.2 76.0 114.0
145 33.6 27.3 40.9

