

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046205.D
 Acq On : 09 Dec 2021 02:41
 Operator : SY/MD
 Sample : M4983-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 04:38:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	209398	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	205454	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113472	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54265	31.460	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.920%
7) Chloroethane-d5	1.919	69	43966	33.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.400%#
11) 1,1-Dichloroethene-d2	2.575	63	117969	38.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.200%
21) 2-Butanone-d5	4.639	46	128090	93.413	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.410%
24) Chloroform-d	5.067	84	125313	43.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.706	65	79878	41.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.640%
32) Benzene-d6	5.732	84	245035	41.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.220%
36) 1,2-Dichloropropane-d6	6.694	67	79271	43.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.880%
41) Toluene-d8	7.899	98	224453	41.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.720%
43) trans-1,3-Dichloroprop...	8.179	79	40095	45.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.020%
47) 2-Hexanone-d5	8.632	63	94116	108.767	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.770%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130550	47.169	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	98319	44.992	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	95276	41.821	ug/L	99
3) Chloromethane	1.523	50	81366	39.930	ug/L	99
5) Vinyl chloride	1.607	62	88140	42.898	ug/L	98
6) Bromomethane	1.864	94	51490	44.215	ug/L	98
8) Chloroethane	1.941	64	49191	41.350	ug/L	98
9) Trichlorofluoromethane	2.144	101	120165	44.797	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	74397	48.828	ug/L	95
12) 1,1-Dichloroethene	2.588	96	76781	53.030	ug/L #	78
13) Acetone	2.658	43	86663	50.570	ug/L	95
14) Carbon disulfide	2.800	76	193038	42.973	ug/L	100
15) Methyl Acetate	2.957	43	83781	41.937	ug/L	96
16) Methylene chloride	3.051	84	79793	46.321	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	76715	50.068	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	254912	53.983	ug/L	99
19) 1,1-Dichloroethane	3.874	63	205281	73.685	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	123506	74.287	ug/L	98
22) 2-Butanone	4.719	43	140810	75.479	ug/L	95
23) Bromochloromethane	4.980	128	44242	52.689	ug/L	91
25) Chloroform	5.092	83	150252	48.541	ug/L	99

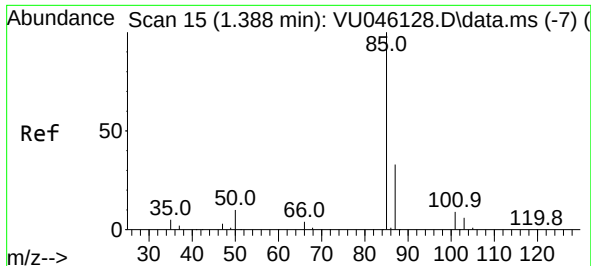
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

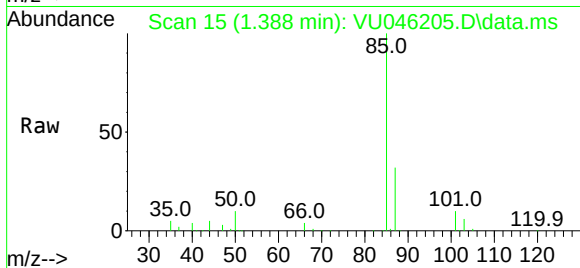
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	110292	48.017	ug/L	99
29) Cyclohexane	5.391	56	121320	50.711	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	483545	191.734	ug/L	98
31) Carbon tetrachloride	5.530	117	109484	51.136	ug/L	97
33) Benzene	5.777	78	313167	50.362	ug/L	100
34) Trichloroethene	6.542	95	91939	56.123	ug/L	99
35) Methylcyclohexane	6.768	83	123039	48.440	ug/L	98
37) 1,2-Dichloropropane	6.793	63	81671	50.138	ug/L	100
38) Bromodichloromethane	7.108	83	111781	51.628	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	133370	53.820	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	251278	104.993	ug/L	98
42) Toluene	7.970	91	347173	52.031	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	127020	52.188	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	86203	52.748	ug/L	96
46) Tetrachloroethene	8.555	164	79810	66.296	ug/L	96
48) 2-Hexanone	8.684	43	202609	94.660	ug/L	97
49) Dibromochloromethane	8.812	129	91345	53.227	ug/L	100
50) 1,2-Dibromoethane	8.925	107	92965	52.469	ug/L #	98
51) Chlorobenzene	9.449	112	225155	52.159	ug/L	99
52) Ethylbenzene	9.571	91	387595	53.976	ug/L	98
53) m,p-Xylene	9.693	106	151316	54.032	ug/L	97
54) o-xylene	10.102	106	148873	54.786	ug/L	95
55) Styrene	10.115	104	256678	55.326	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	144523	51.582	ug/L	98
59) Bromoform	10.291	173	68765	51.658	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	121374	48.795	ug/L	99
61) Isopropylbenzene	10.484	105	394354	53.414	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	334477	54.353	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	337909	54.884	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	185414	52.870	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	187547	51.745	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	184252	52.172	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	33832	51.056	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	133995	52.438	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	126479	55.777	ug/L	99
71) Naphthalene	14.086	128	481936	61.076	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	128892	55.741	ug/L	98

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

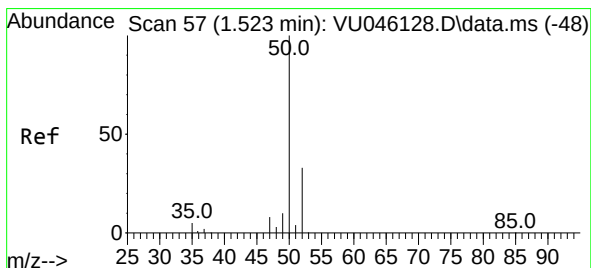
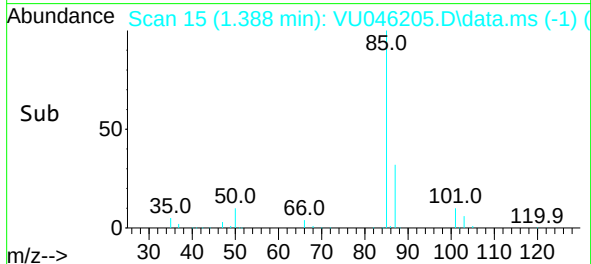
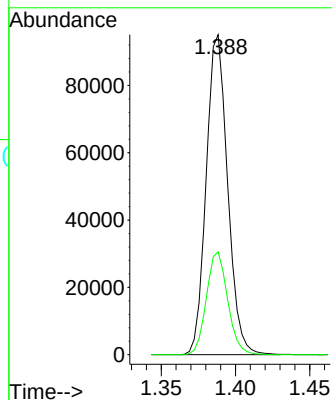


#2
Dichlorodifluoromethane
Concen: 41.821 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Instrument :
MSVOA_U
ClientSampleId :

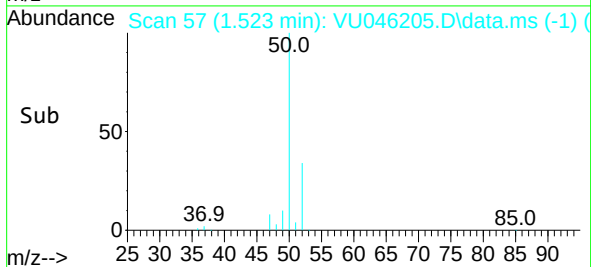
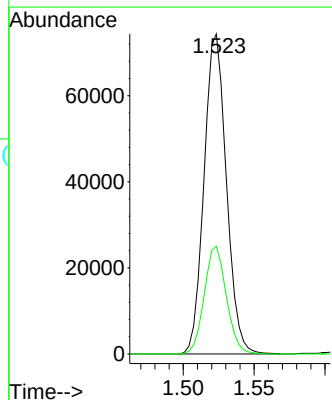
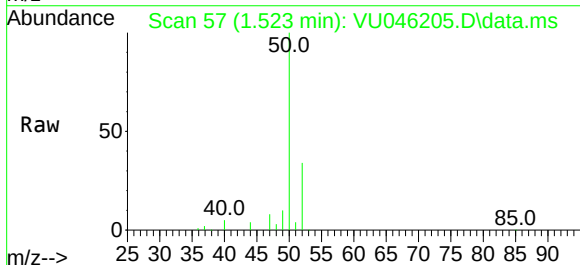


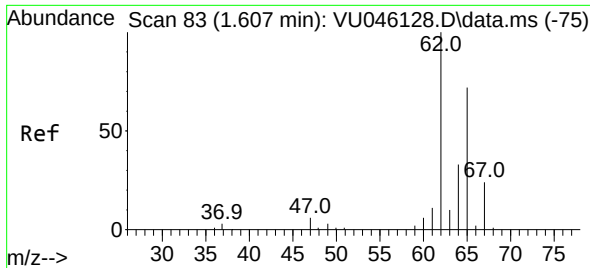
Tgt Ion: 85 Resp: 95276
Ion Ratio Lower Upper
85 100
87 31.8 25.7 38.5



#3
Chloromethane
Concen: 39.930 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

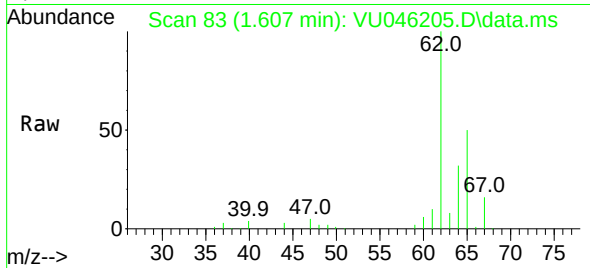
Tgt Ion: 50 Resp: 81366
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2



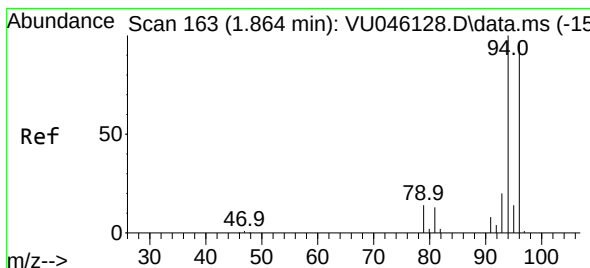
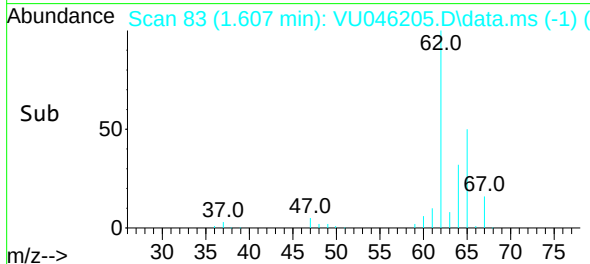
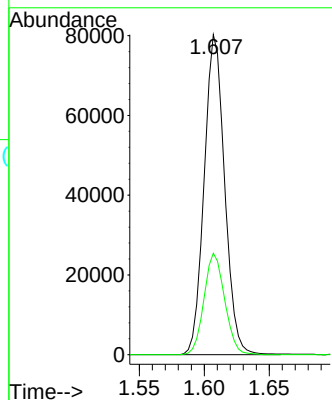


#5
 Vinyl chloride
 Concen: 42.898 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046205.D
 Acq: 09 Dec 2021 02:41

Instrument :
 MSVOA_U
 ClientSampleId :

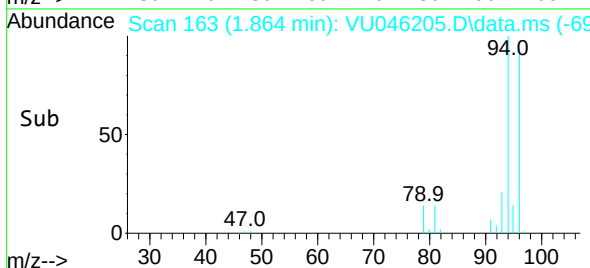
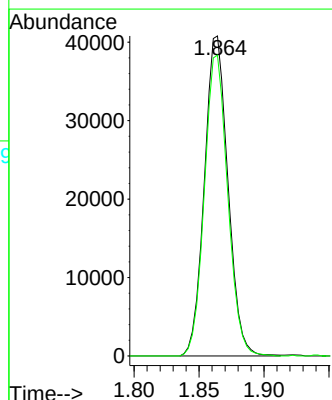
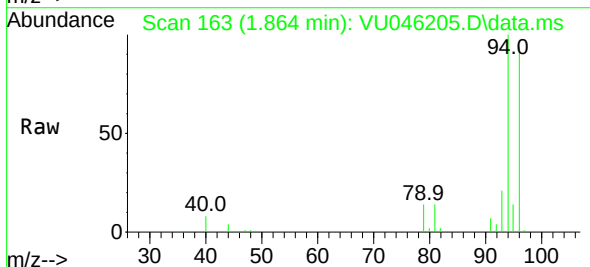


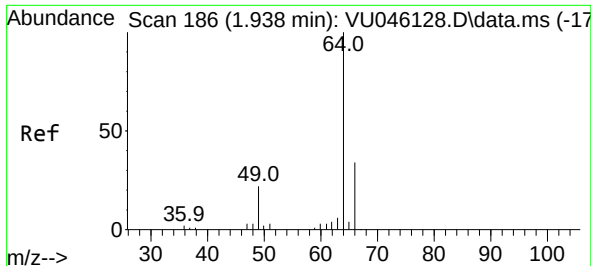
Tgt Ion: 62 Resp: 88140
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.9 42.5



#6
 Bromomethane
 Concen: 44.215 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046205.D
 Acq: 09 Dec 2021 02:41

Tgt Ion: 94 Resp: 51490
 Ion Ratio Lower Upper
 94 100
 96 94.0 67.4 125.2

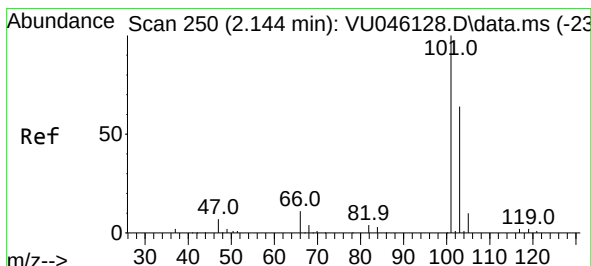
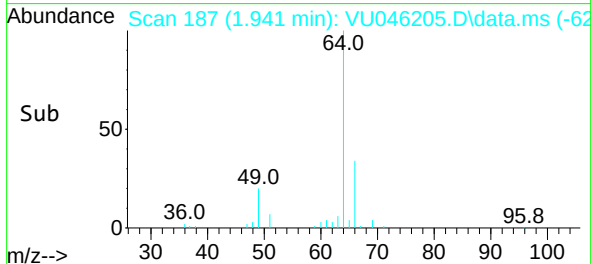
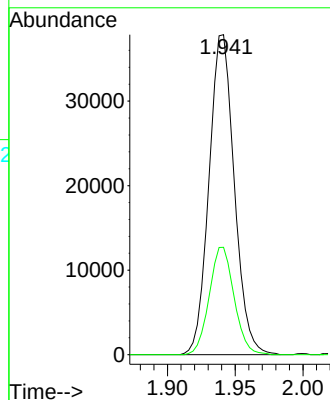
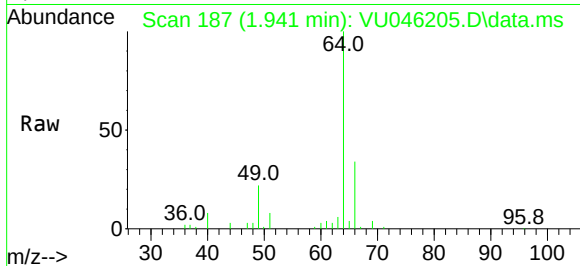




#8
Chloroethane
Concen: 41.350 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

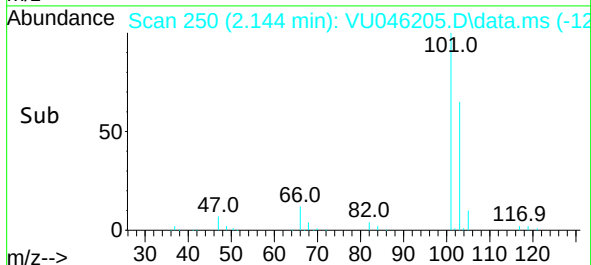
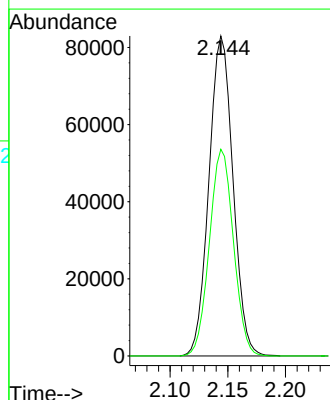
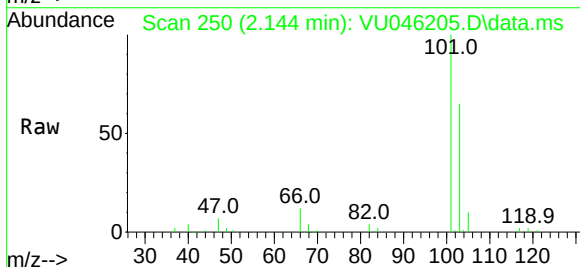
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MSVOA_U
ClientSampleId :

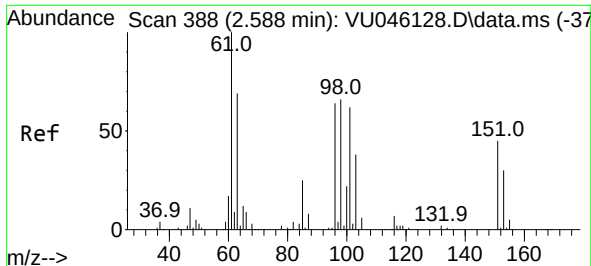
Tgt Ion: 64 Resp: 49191
Ion Ratio Lower Upper
64 100
66 33.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 44.797 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Tgt Ion:101 Resp: 120165
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

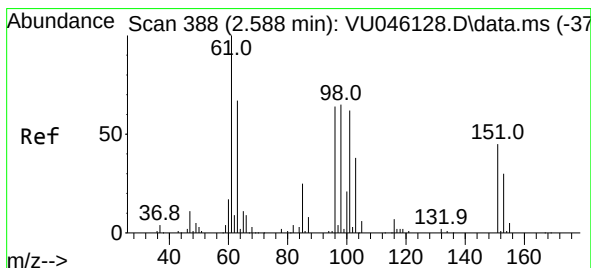
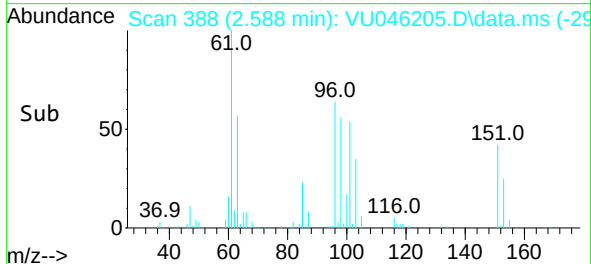
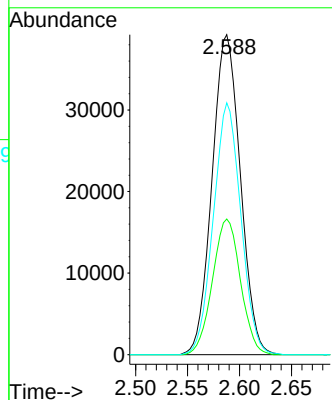
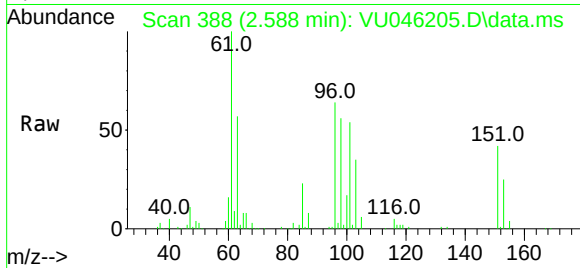




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.828 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046205.D
 Acq: 09 Dec 2021 02:41

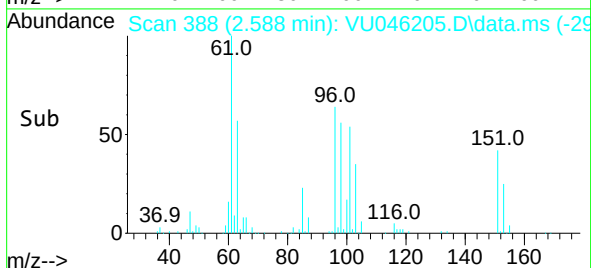
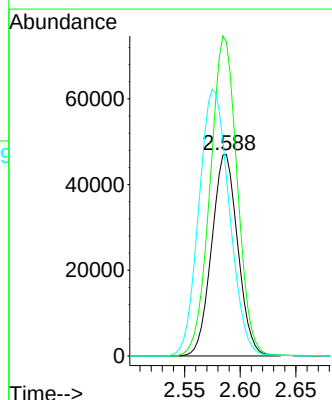
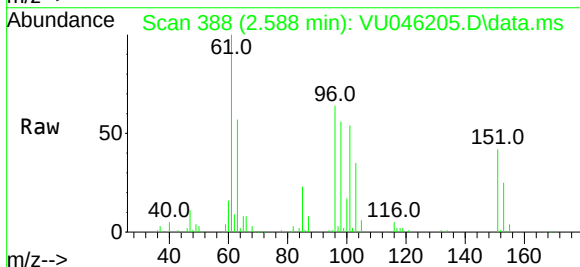
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 MSVOA_U
 ClientSampleId :

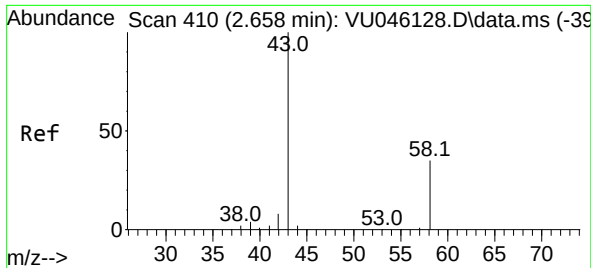
Tgt Ion:101 Resp: 74397
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.1 52.7
 151 76.6 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 53.030 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU046205.D
 Acq: 09 Dec 2021 02:41

Tgt Ion: 96 Resp: 76781
 Ion Ratio Lower Upper
 96 100
 61 155.9 118.6 220.2
 63 88.5 93.0 172.8#





#13

Acetone

Concen: 50.570 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

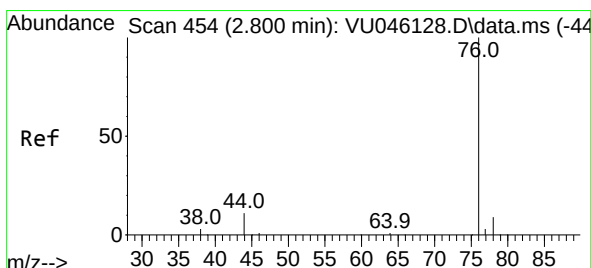
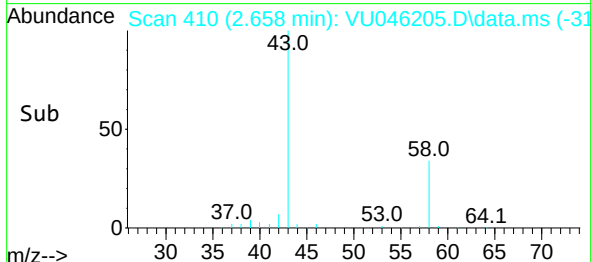
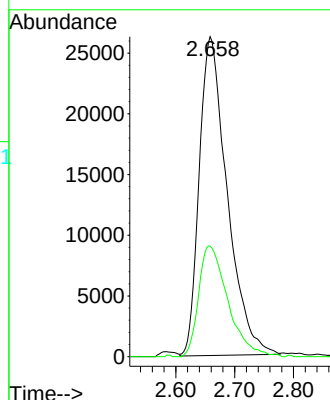
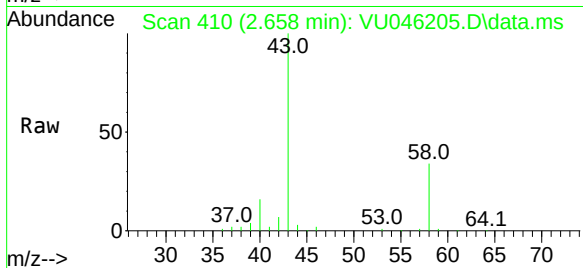
ClientSampleId :

Tgt Ion: 43 Resp: 86663

Ion Ratio Lower Upper

43 100

58 36.2 0.0 66.8



#14

Carbon disulfide

Concen: 42.973 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046205.D

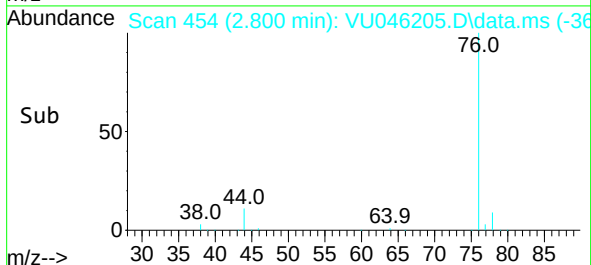
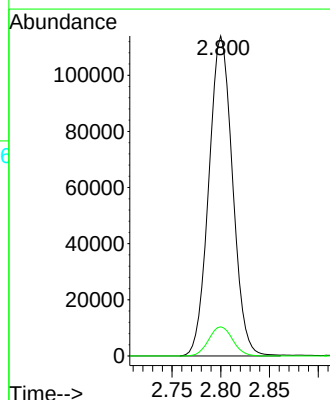
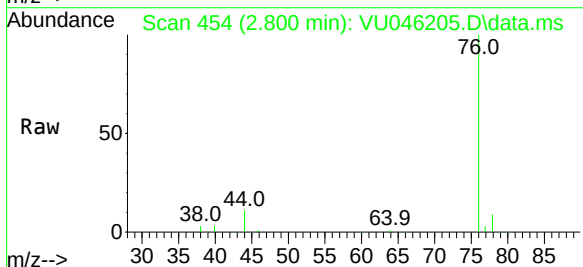
Acq: 09 Dec 2021 02:41

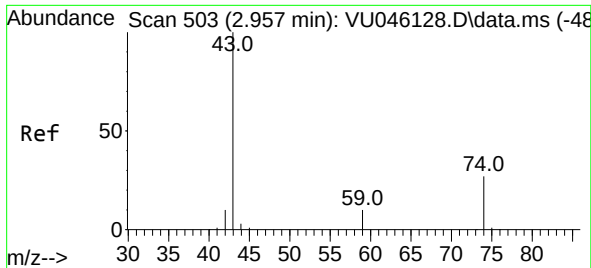
Tgt Ion: 76 Resp: 193038

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

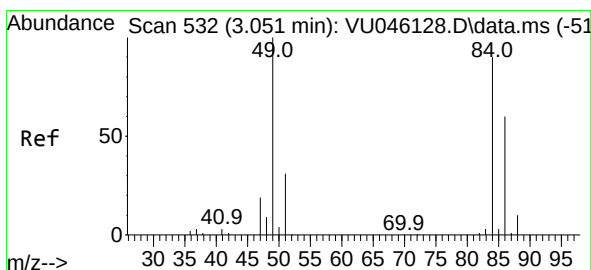
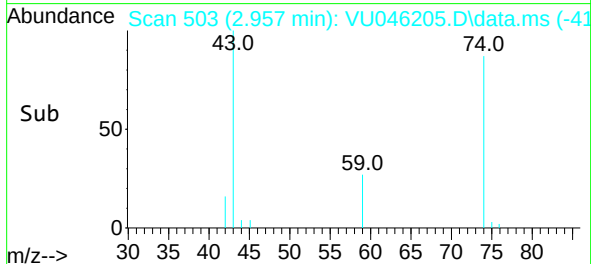
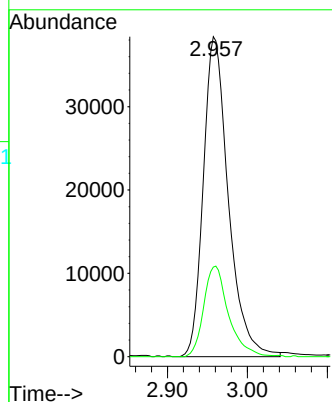
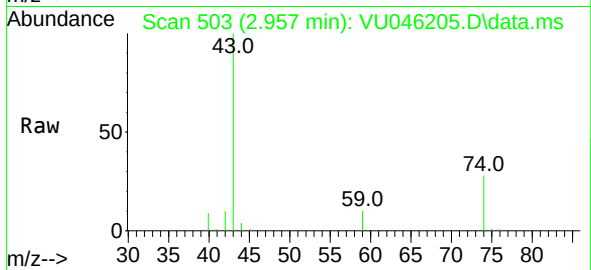




#15
Methyl Acetate
Concen: 41.937 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

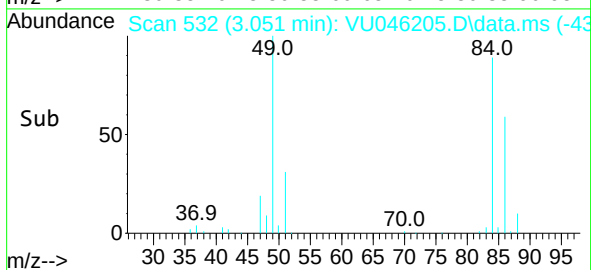
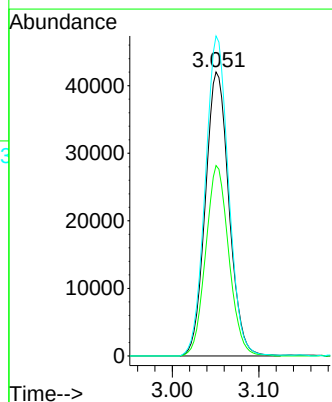
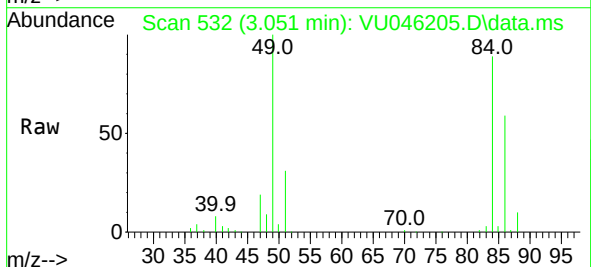
Instrument :
MSVOA_U
ClientSampleId :

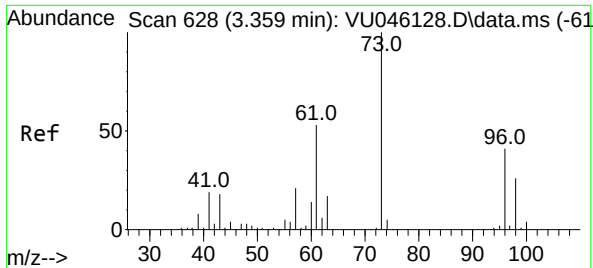
Tgt Ion: 43 Resp: 83781
Ion Ratio Lower Upper
43 100
74 27.9 20.8 31.2



#16
Methylene chloride
Concen: 46.321 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Tgt Ion: 84 Resp: 79793
Ion Ratio Lower Upper
84 100
86 67.0 44.7 83.1
49 112.7 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 50.068 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

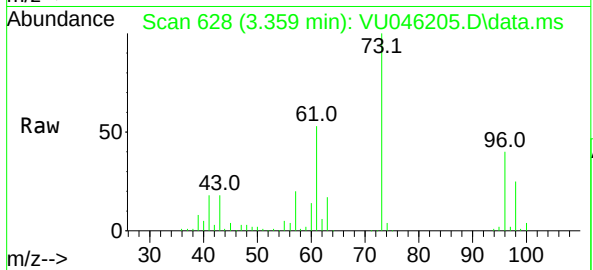
Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

ClientSampleId :



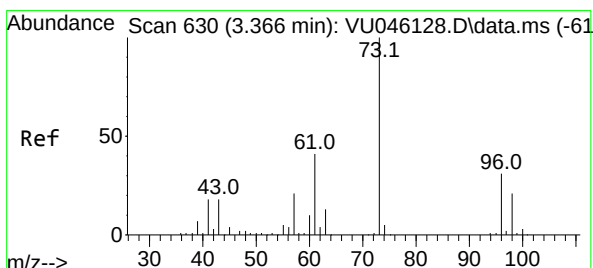
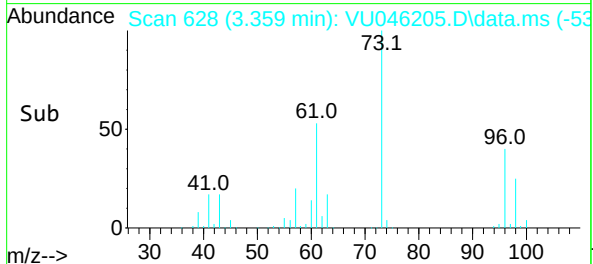
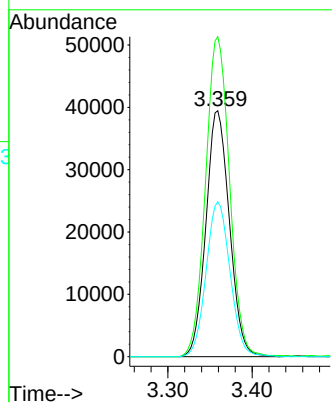
Tgt Ion: 96 Resp: 76715

Ion Ratio Lower Upper

96 100

61 130.2 94.6 175.6

98 63.0 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 53.983 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

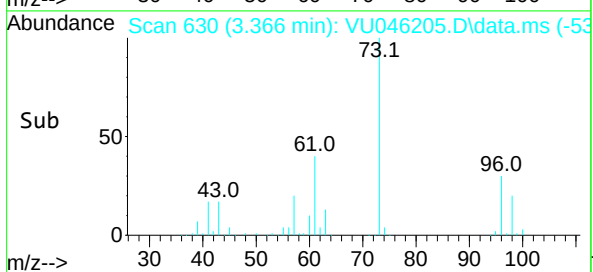
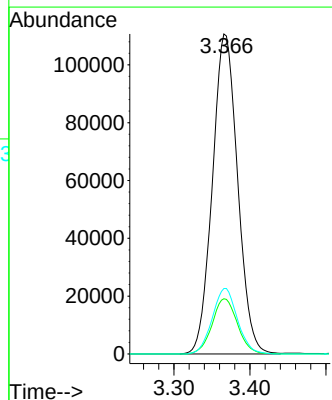
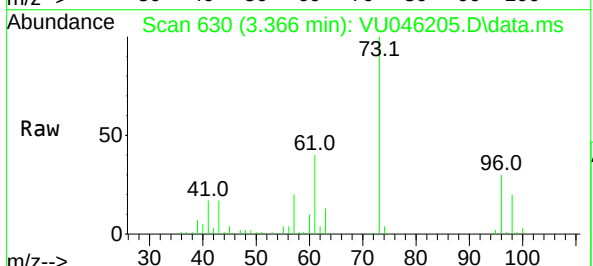
Tgt Ion: 73 Resp: 254912

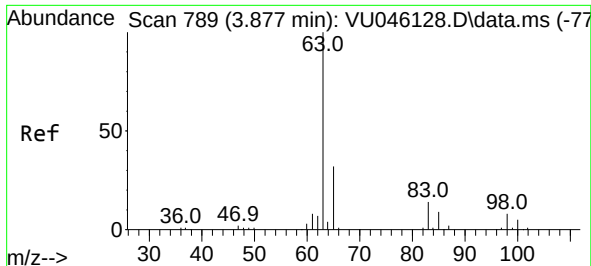
Ion Ratio Lower Upper

73 100

43 17.4 14.0 21.0

57 20.4 17.0 25.4





#19

1,1-Dichloroethane

Concen: 73.685 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

ClientSampleId :

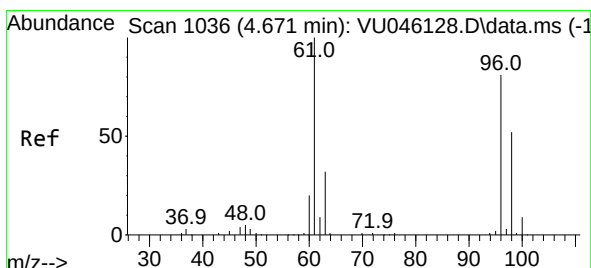
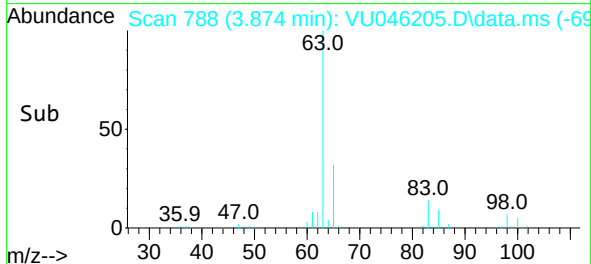
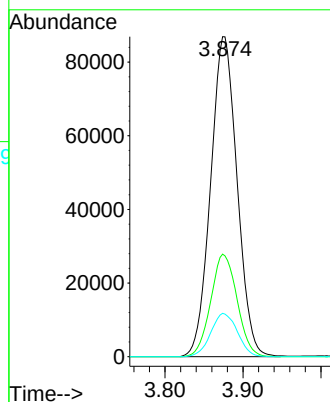
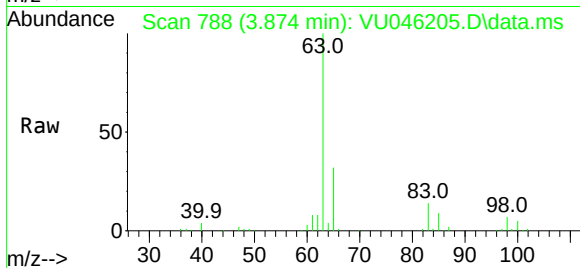
Tgt Ion: 63 Resp: 205281

Ion Ratio Lower Upper

63 100

65 32.1 22.8 42.4

83 13.5 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 74.287 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

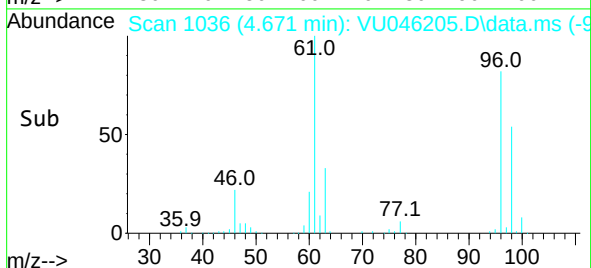
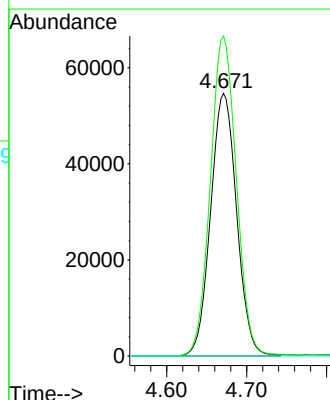
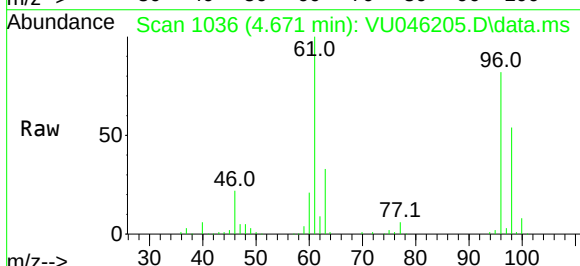
Tgt Ion: 96 Resp: 123506

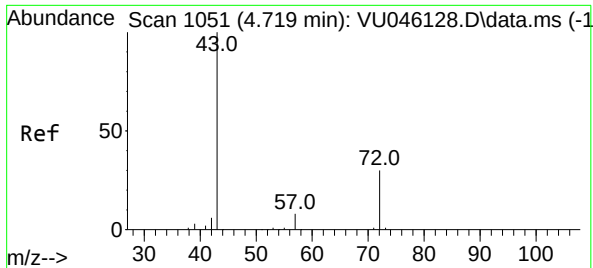
Ion Ratio Lower Upper

96 100

61 121.9 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 75.479 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

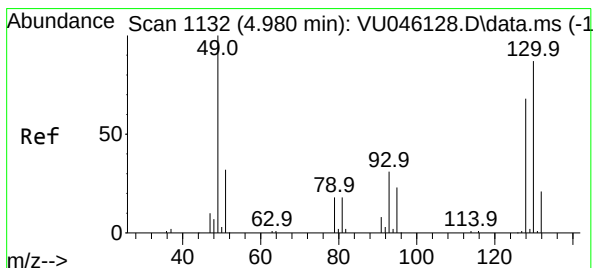
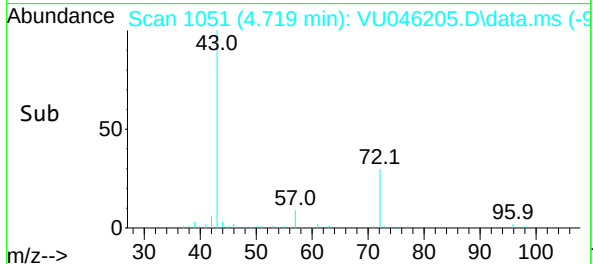
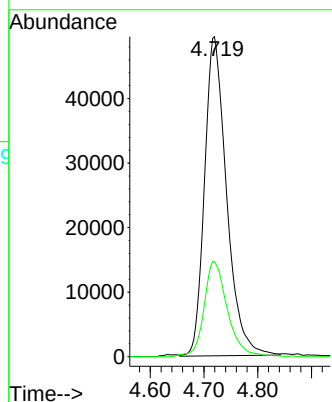
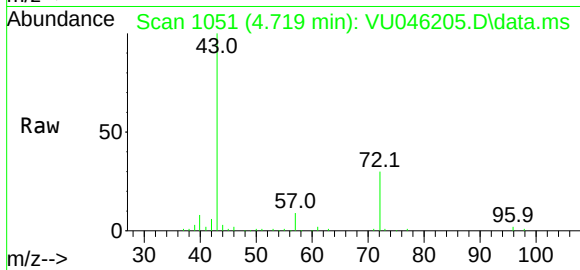
ClientSampleId :

Tgt Ion: 43 Resp: 140810

Ion Ratio Lower Upper

43 100

72 31.7 14.5 43.6



#23

Bromochloromethane

Concen: 52.689 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Tgt Ion: 128 Resp: 44242

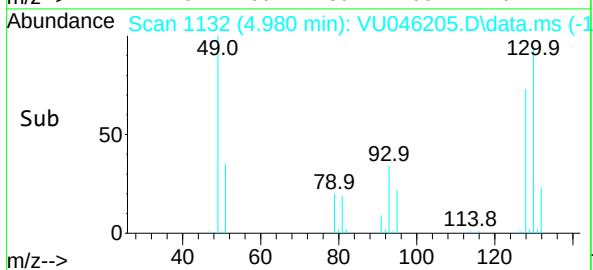
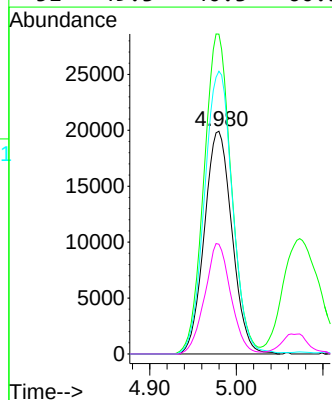
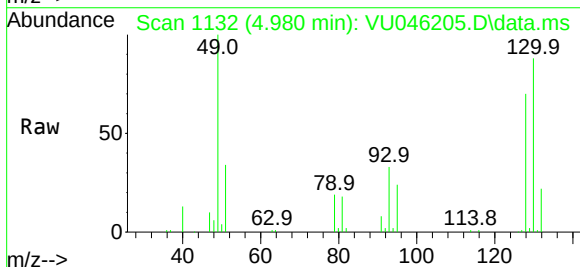
Ion Ratio Lower Upper

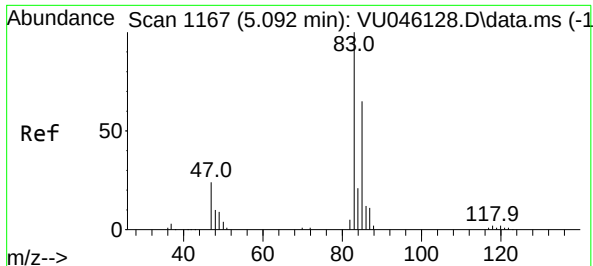
128 100

49 143.6 115.9 215.3

130 126.9 91.8 170.4

51 49.3 40.3 60.5





#25

Chloroform

Concen: 48.541 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

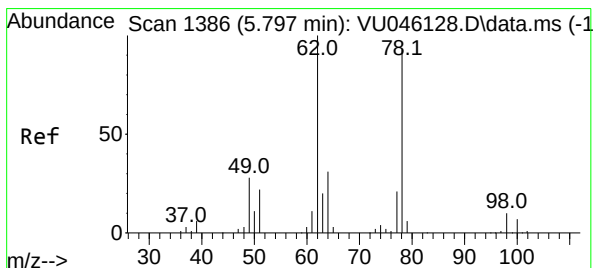
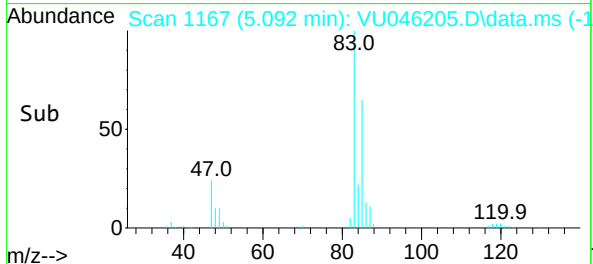
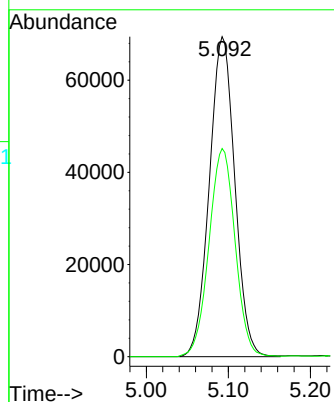
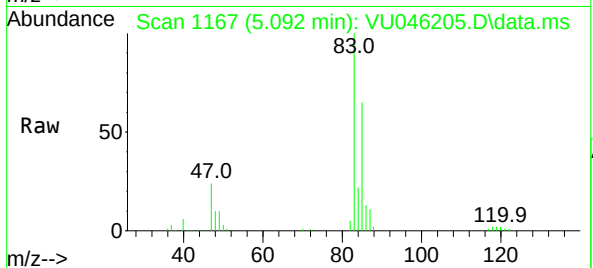
ClientSampleId :

Tgt Ion: 83 Resp: 150252

Ion Ratio Lower Upper

83 100

85 65.1 45.8 85.2



#27

1,2-Dichloroethane

Concen: 48.017 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046205.D

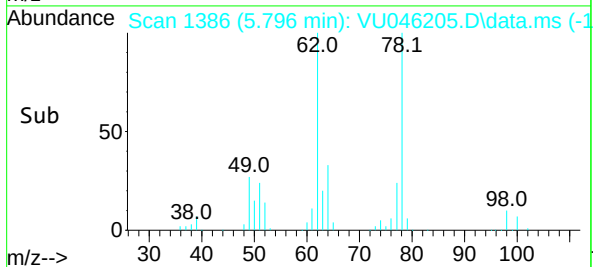
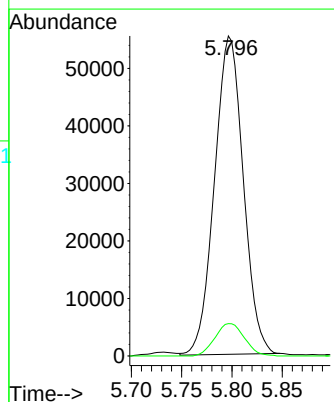
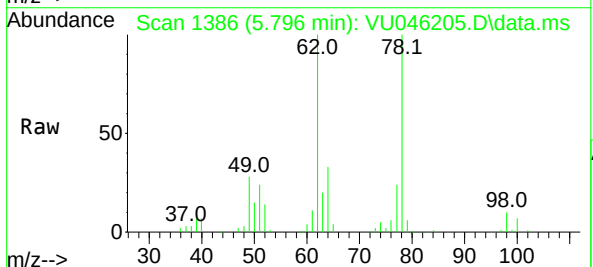
Acq: 09 Dec 2021 02:41

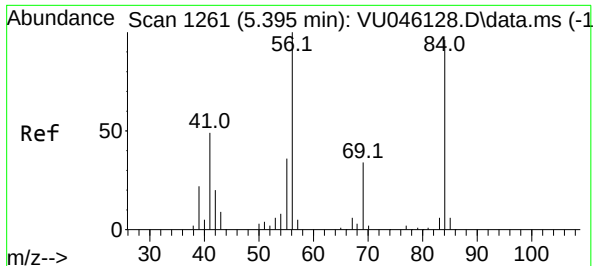
Tgt Ion: 62 Resp: 110292

Ion Ratio Lower Upper

62 100

98 10.1 7.9 11.9





#29

Cyclohexane

Concen: 50.711 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

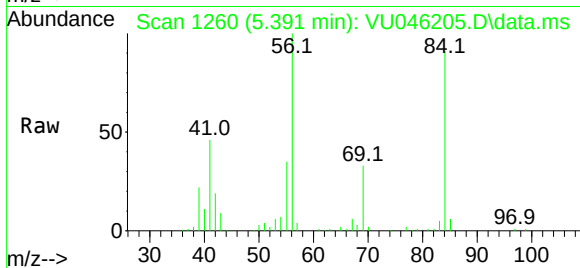
Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

ClientSampleId :



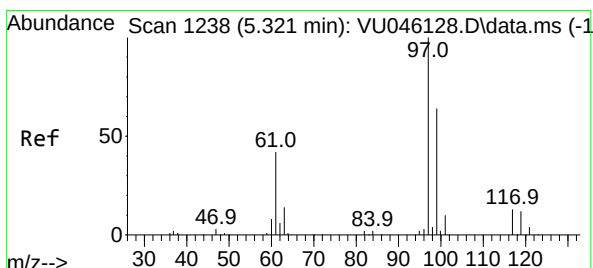
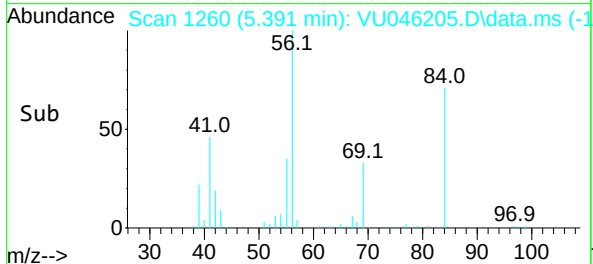
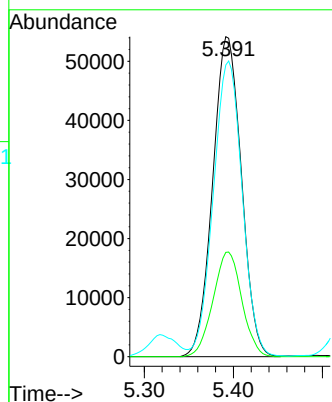
Tgt Ion: 56 Resp: 121320

Ion Ratio Lower Upper

56 100

69 32.8 25.2 37.8

84 92.9 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 191.734 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

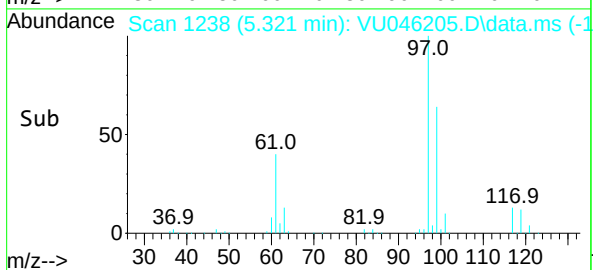
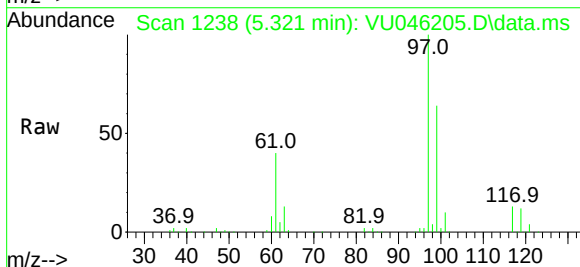
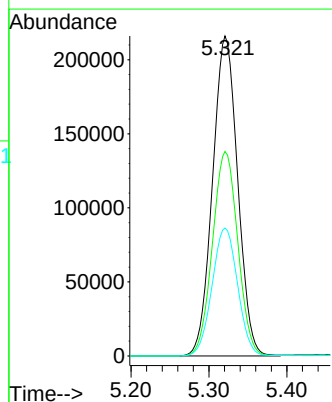
Tgt Ion: 97 Resp: 483545

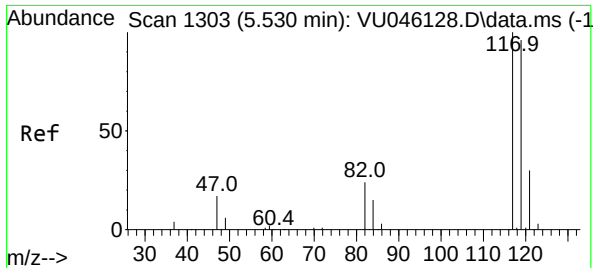
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

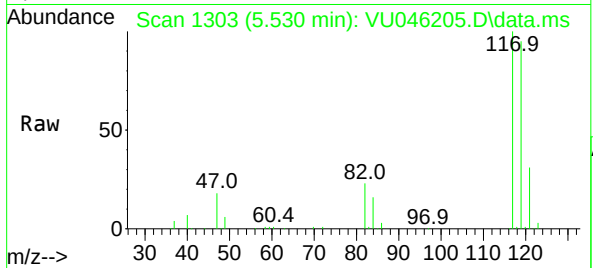
61 40.7 34.4 51.6



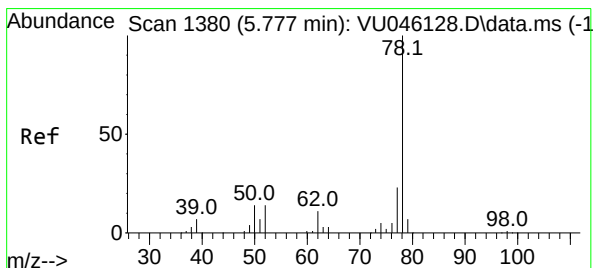
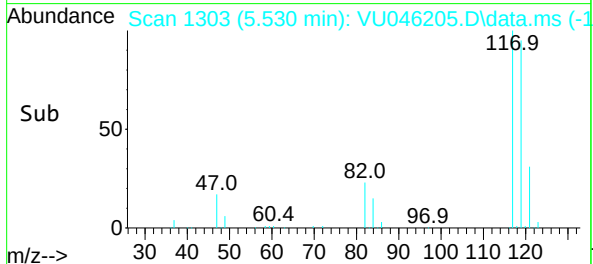
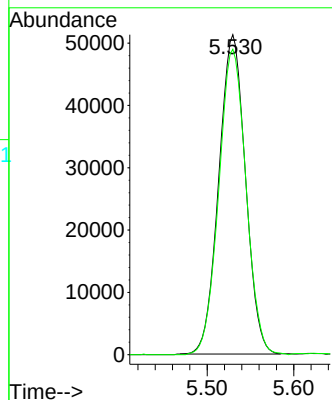


#31
Carbon tetrachloride
Concen: 51.136 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Instrument :
MSVOA_U
ClientSampleId :

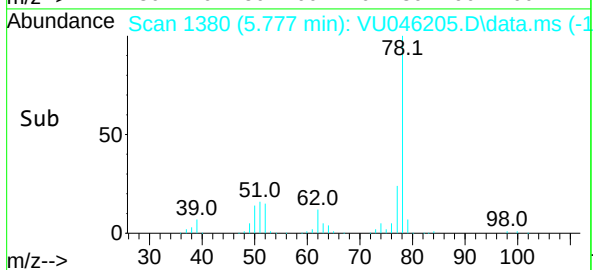
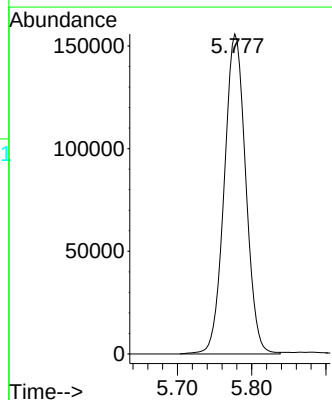
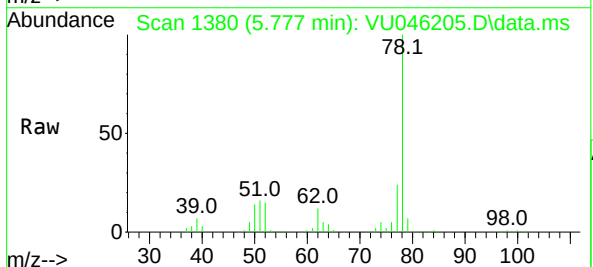


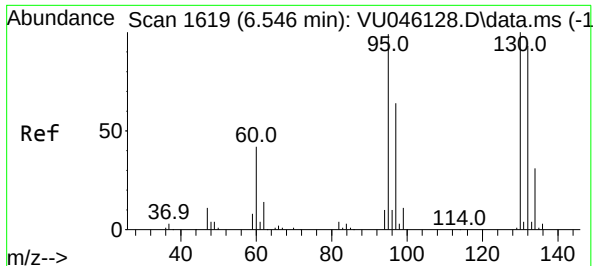
Tgt Ion:117 Resp: 109484
Ion Ratio Lower Upper
117 100
119 97.8 75.7 113.5



#33
Benzene
Concen: 50.362 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

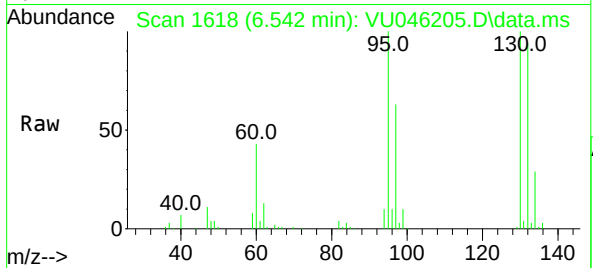
Tgt Ion: 78 Resp: 313167



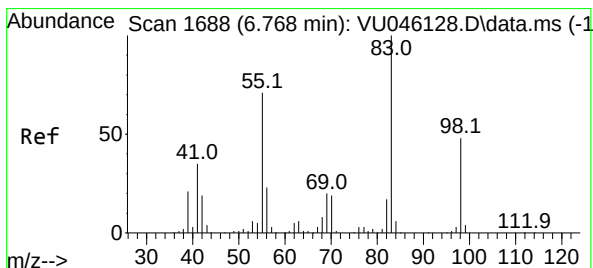
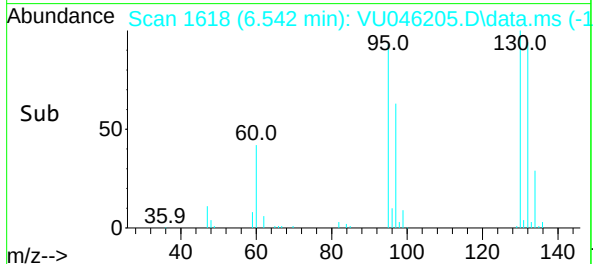
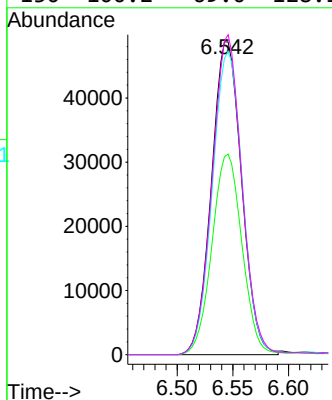


#34
Trichloroethene
Concen: 56.123 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Instrument :
MSVOA_U
ClientSampleId :

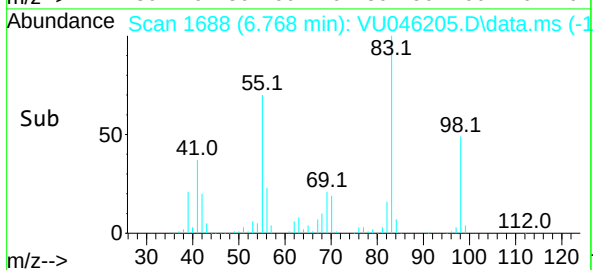
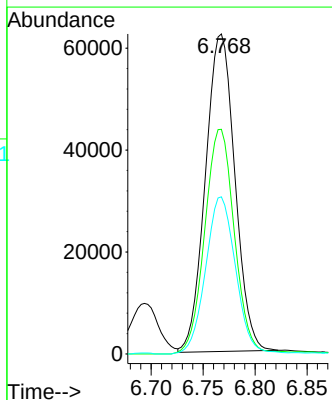
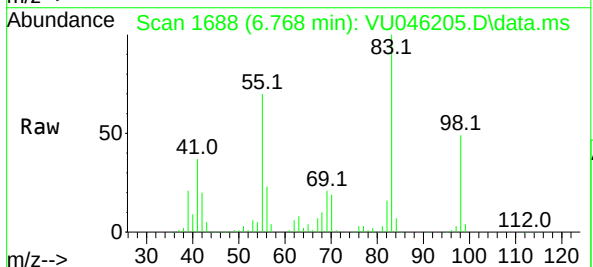


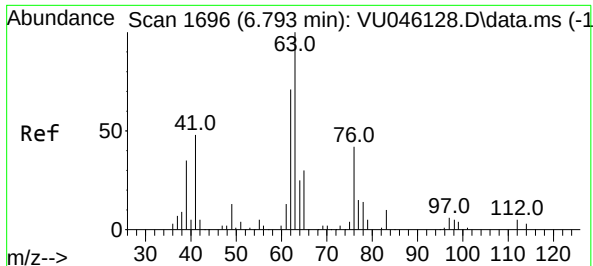
Tgt Ion: 95 Resp: 91939
Ion Ratio Lower Upper
95 100
97 63.3 44.1 81.9
132 94.7 66.8 124.0
130 100.2 69.0 128.1



#35
Methylcyclohexane
Concen: 48.440 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Tgt Ion: 83 Resp: 123039
Ion Ratio Lower Upper
83 100
55 71.3 57.8 86.6
98 50.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 50.138 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

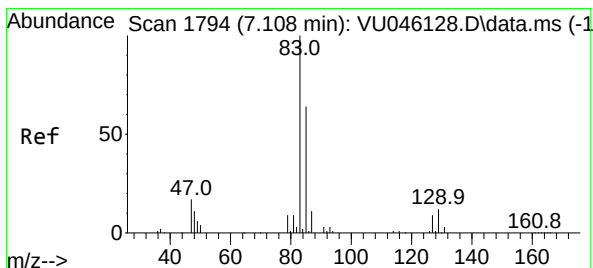
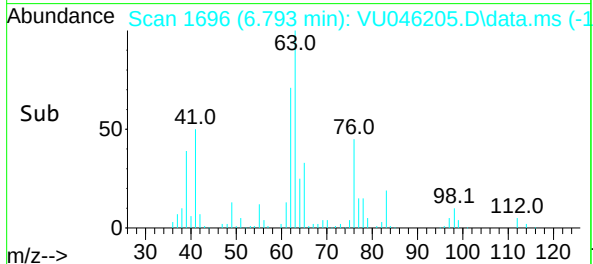
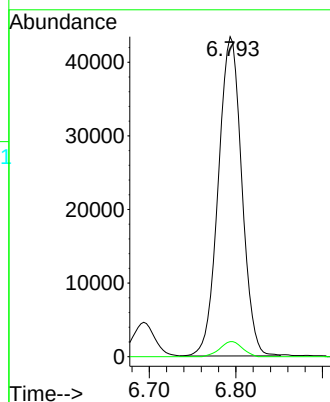
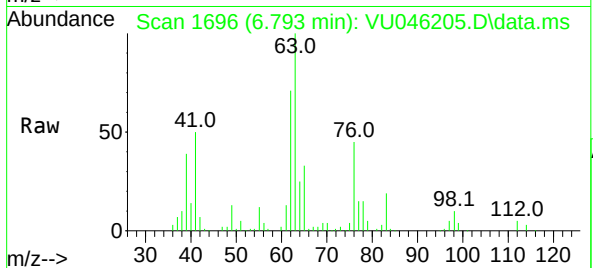
ClientSampleId :

Tgt Ion: 63 Resp: 81671

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 51.628 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

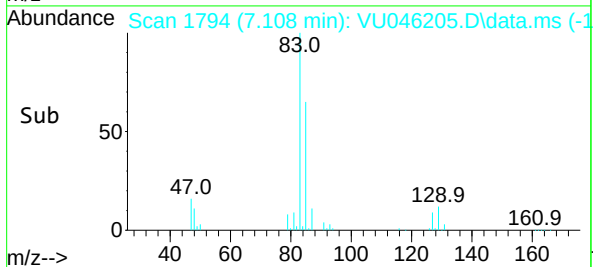
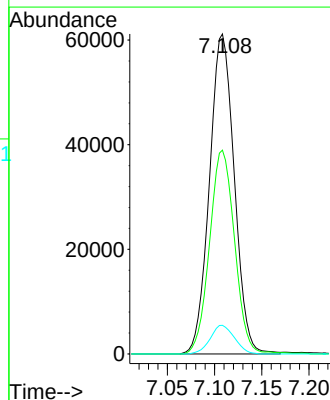
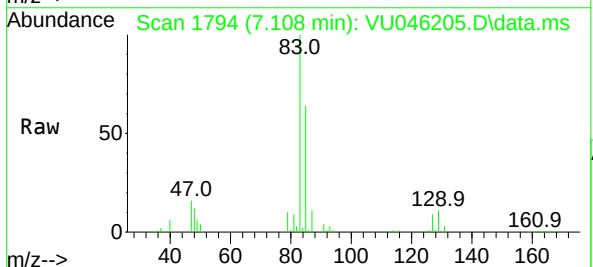
Tgt Ion: 83 Resp: 111781

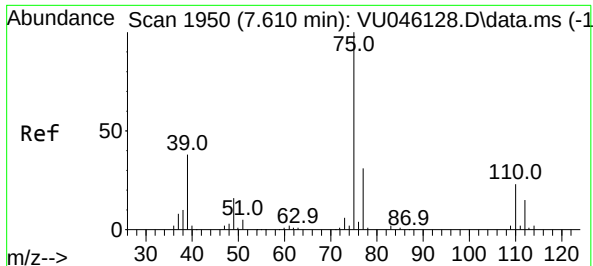
Ion Ratio Lower Upper

83 100

85 63.7 44.4 82.5

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 53.820 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

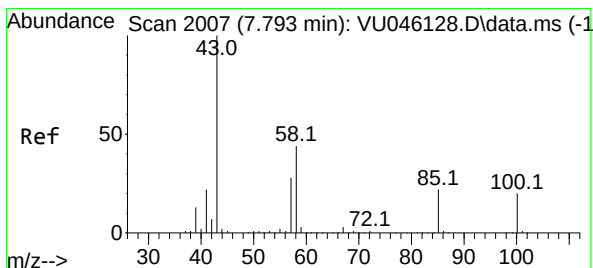
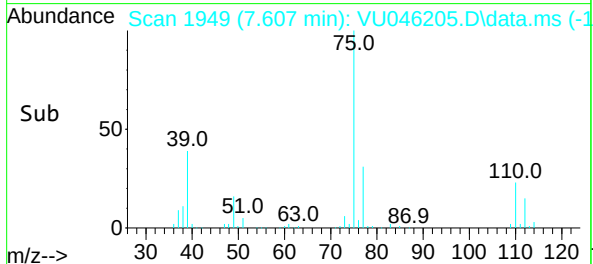
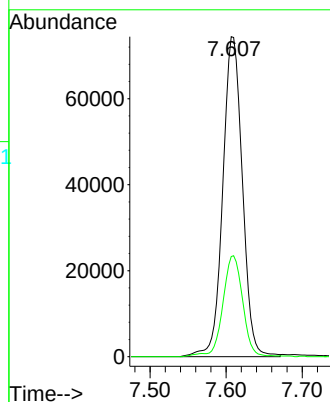
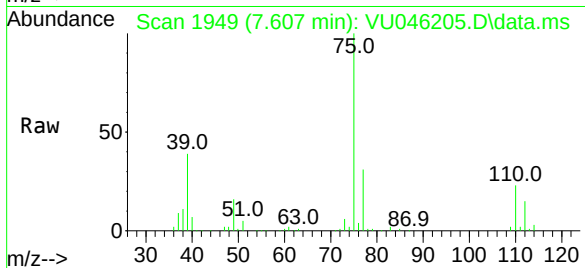
ClientSampleId :

Tgt Ion: 75 Resp: 133370

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 104.993 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

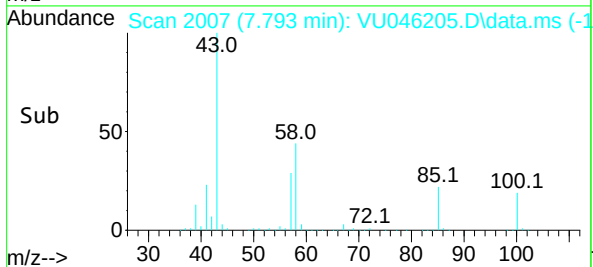
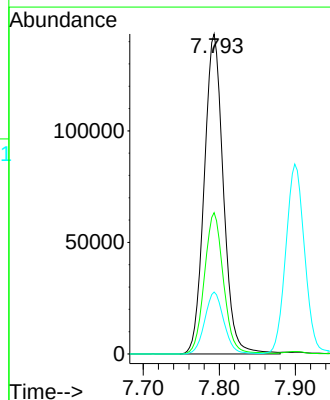
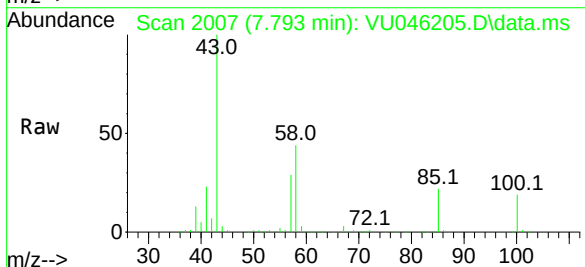
Tgt Ion: 43 Resp: 251278

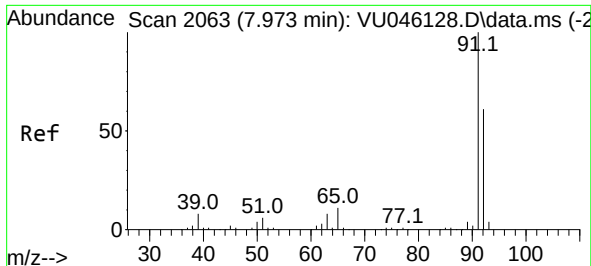
Ion Ratio Lower Upper

43 100

58 44.0 34.2 51.4

100 19.3 14.5 21.7





#42

Toluene

Concen: 52.031 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

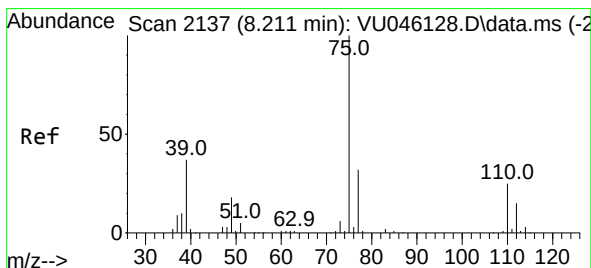
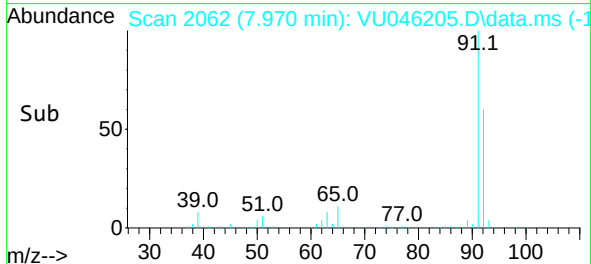
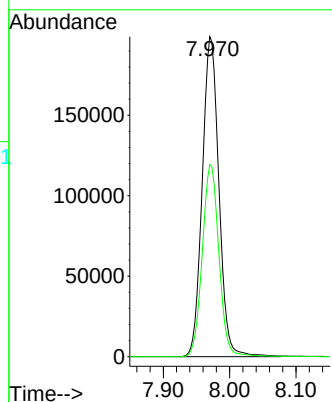
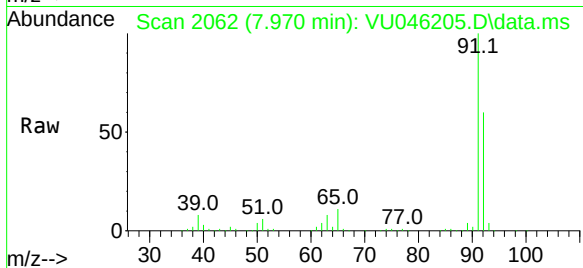
ClientSampleId :

Tgt Ion: 91 Resp: 347173

Ion Ratio Lower Upper

91 100

92 60.0 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 52.188 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046205.D

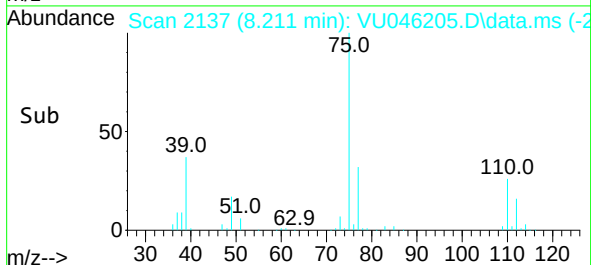
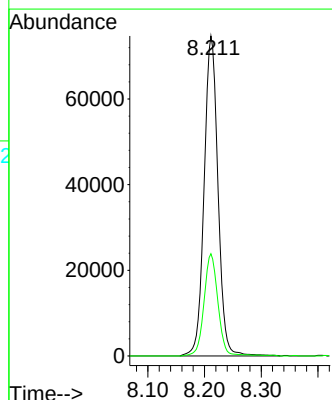
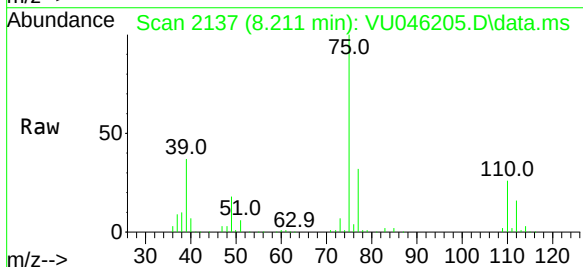
Acq: 09 Dec 2021 02:41

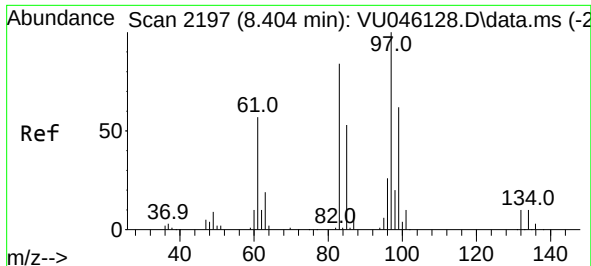
Tgt Ion: 75 Resp: 127020

Ion Ratio Lower Upper

75 100

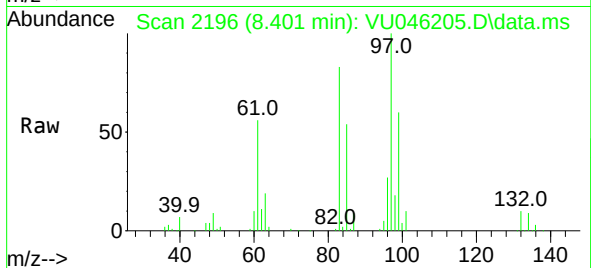
77 32.0 21.7 40.3



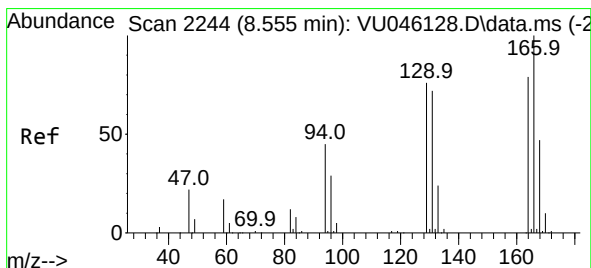
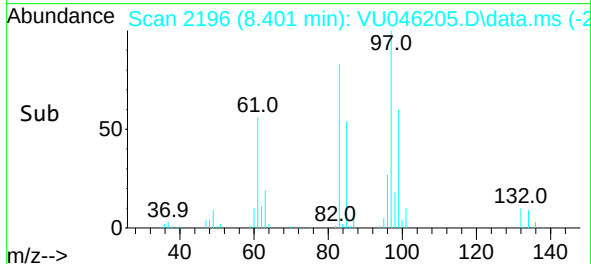
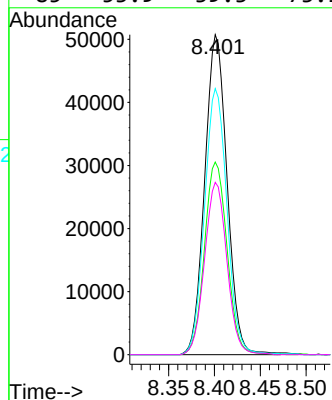


#45
1,1,2-Trichloroethane
Concen: 52.748 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Instrument :
MSVOA_U
ClientSampleId :

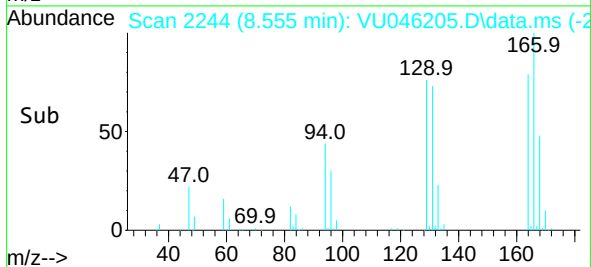
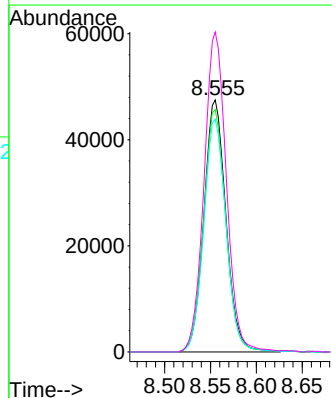
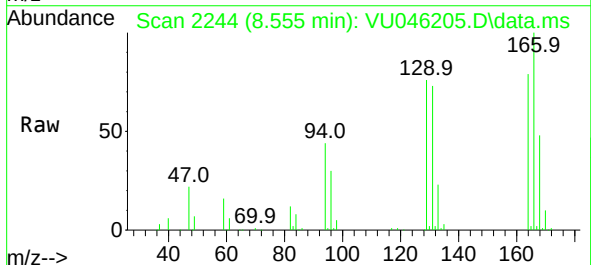


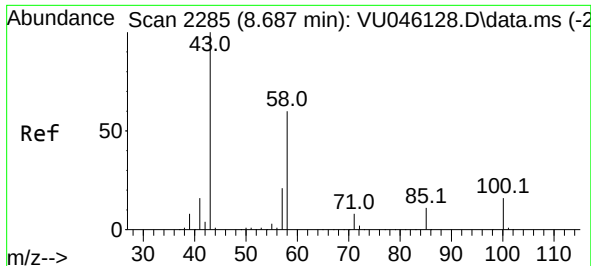
Tgt Ion: 97 Resp: 86203
Ion Ratio Lower Upper
97 100
99 60.2 44.7 82.9
83 83.2 60.2 111.8
85 53.9 39.3 73.1



#46
Tetrachloroethene
Concen: 66.296 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

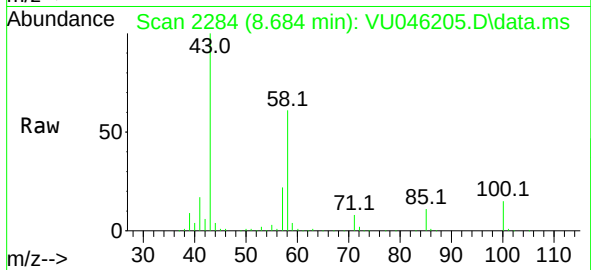
Tgt Ion: 164 Resp: 79810
Ion Ratio Lower Upper
164 100
129 96.2 71.1 132.1
131 92.4 67.8 126.0
166 127.0 90.6 168.2



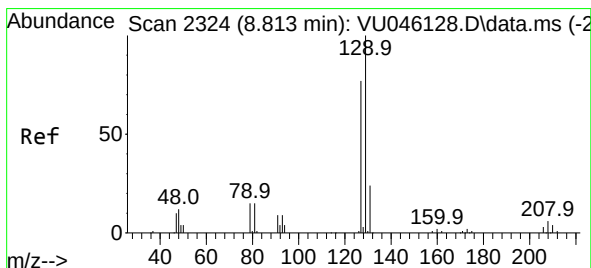
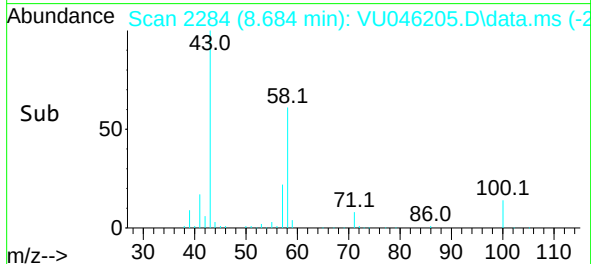
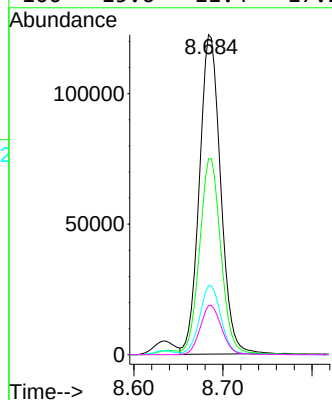


#48
2-Hexanone
Concen: 94.660 ug/L
RT: 8.684 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Instrument :
MSVOA_U
ClientSampleId :

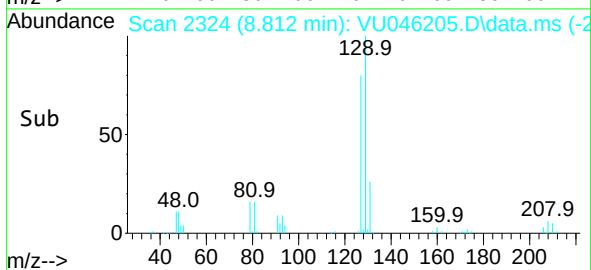
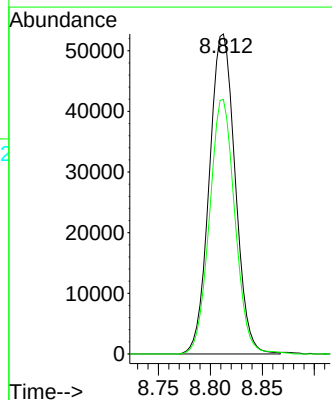
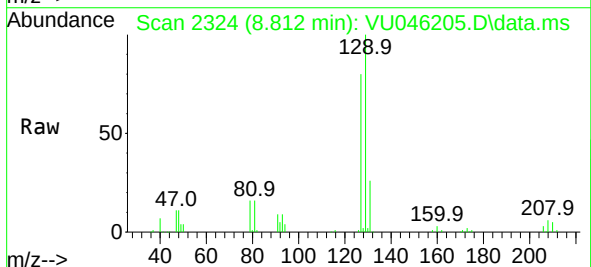


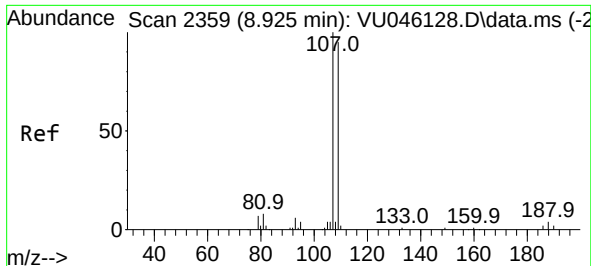
Tgt Ion: 43	Resp: 202609
Ion Ratio	Lower Upper
43 100	
58 61.7	47.4 71.2
57 21.6	16.6 25.0
100 15.6	11.4 17.2



#49
Dibromochloromethane
Concen: 53.227 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Tgt Ion:129	Resp:	91345	
Ion	Ratio	Lower	Upper
129	100		
127	79.6	55.6	103.4

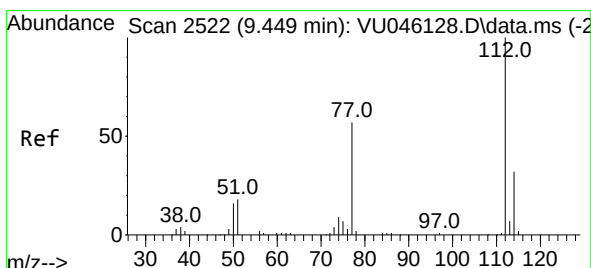
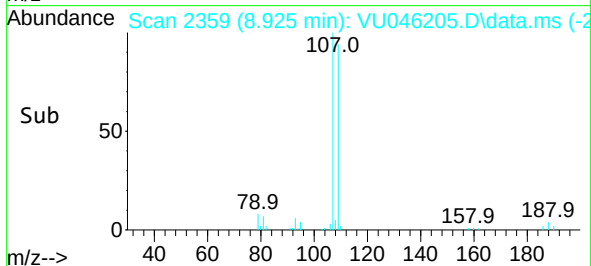
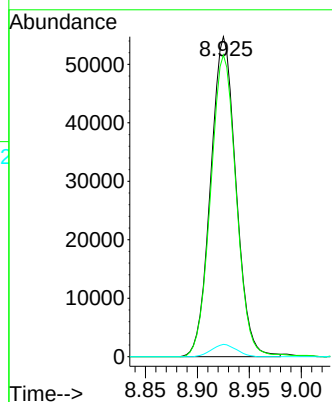
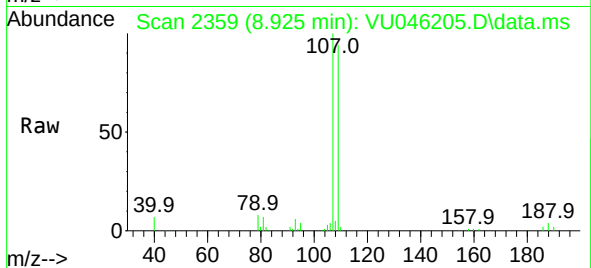




#50
1,2-Dibromoethane
Concen: 52.469 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

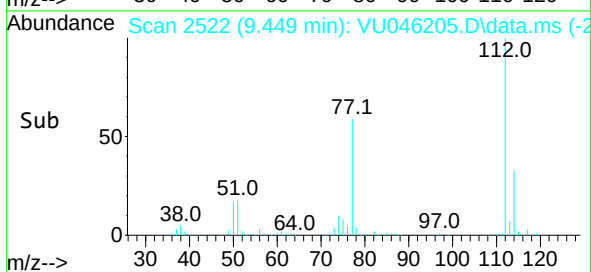
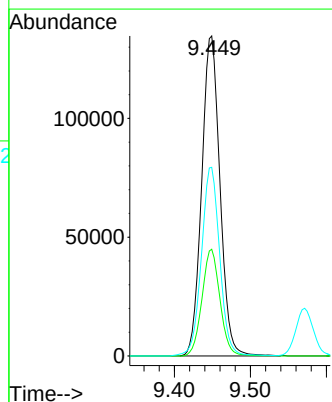
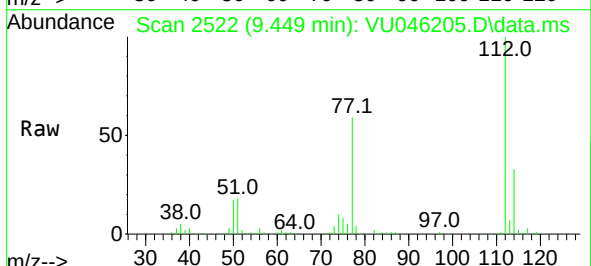
Instrument :
MSVOA_U
ClientSampleId :

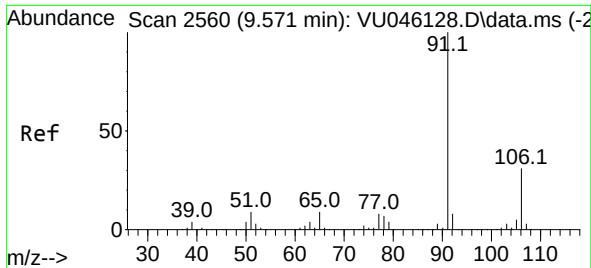
Tgt Ion:107 Resp: 92965
Ion Ratio Lower Upper
107 100
109 94.3 64.9 120.5
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 52.159 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Tgt Ion:112 Resp: 225155
Ion Ratio Lower Upper
112 100
114 33.4 22.2 41.2
77 59.0 47.4 71.0

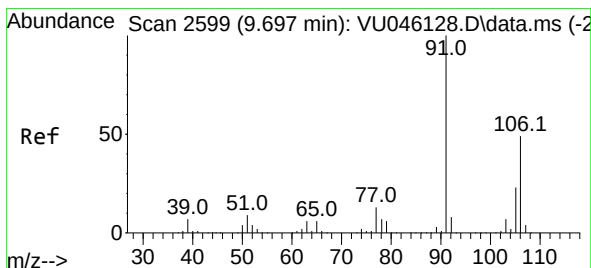
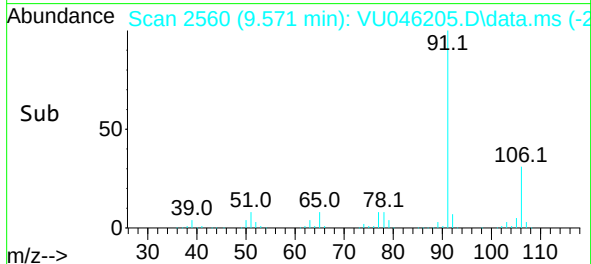
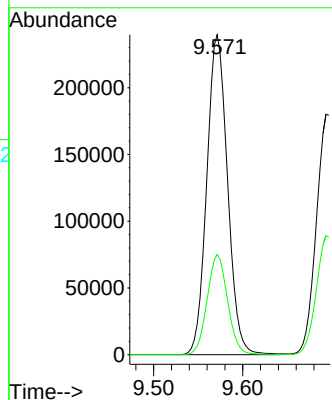
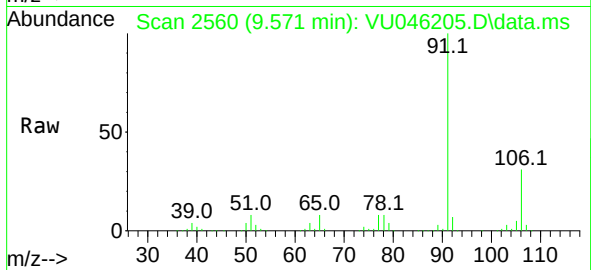




#52
Ethylbenzene
Concen: 53.976 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

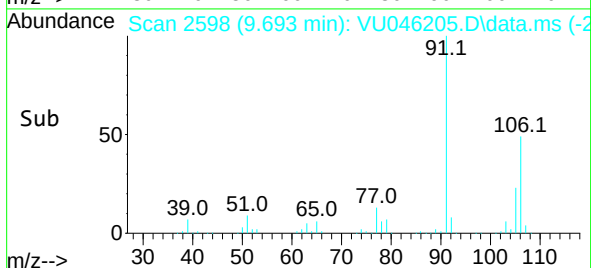
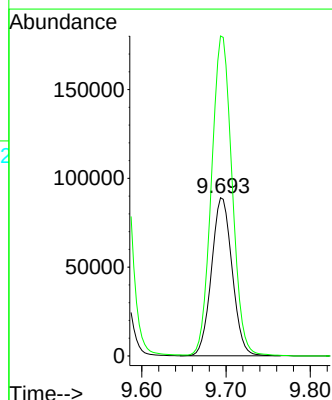
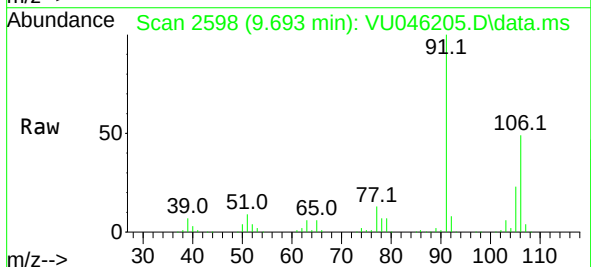
Instrument :
MSVOA_U
ClientSampleId :

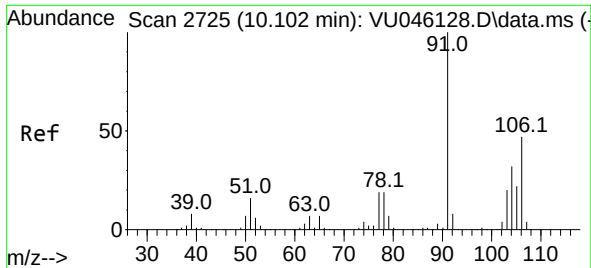
Tgt Ion: 91 Resp: 387595
Ion Ratio Lower Upper
91 100
106 31.3 21.1 39.3



#53
m,p-Xylene
Concen: 54.032 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Tgt Ion:106 Resp: 151316
Ion Ratio Lower Upper
106 100
91 202.3 144.3 268.1

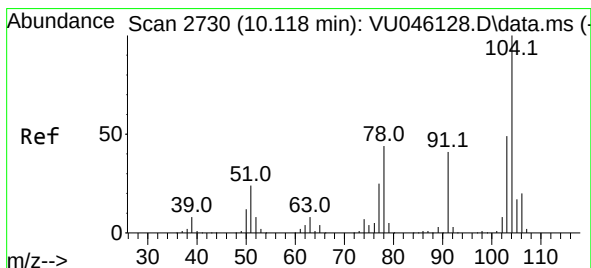
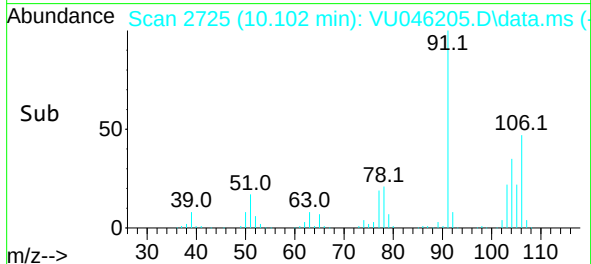
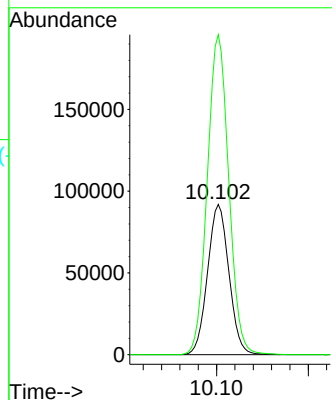
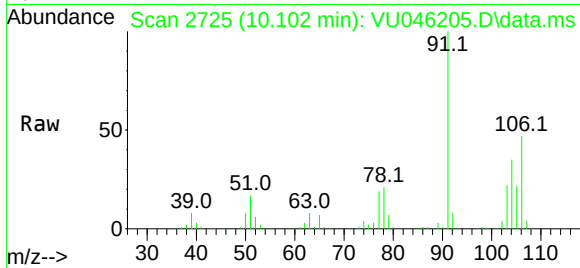




#54
o-xylene
Concen: 54.786 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

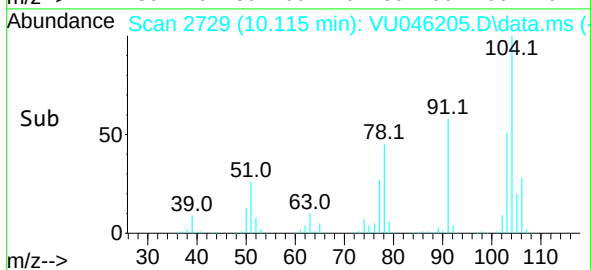
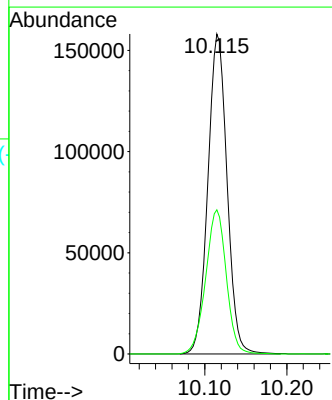
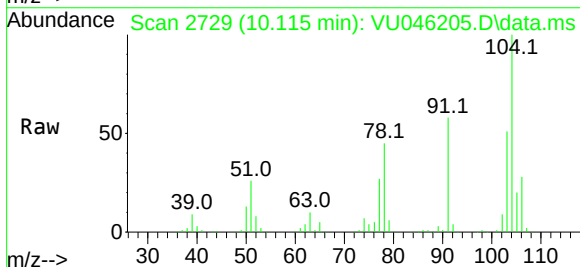
Instrument :
MSVOA_U
ClientSampleId :

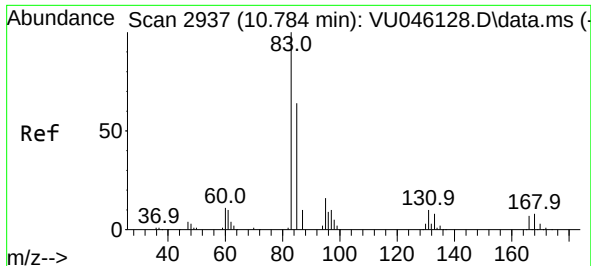
Tgt Ion:106 Resp: 148873
Ion Ratio Lower Upper
106 100
91 212.9 154.2 286.4



#55
Styrene
Concen: 55.326 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Tgt Ion:104 Resp: 256678
Ion Ratio Lower Upper
104 100
78 45.0 32.6 60.5

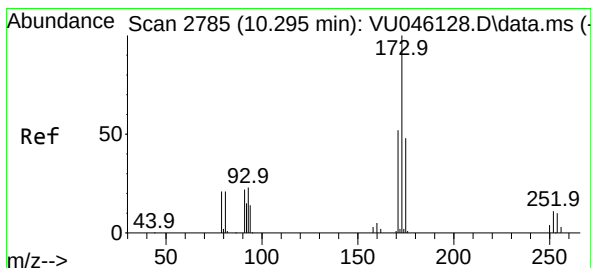
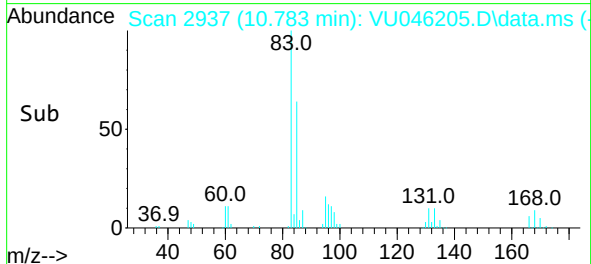
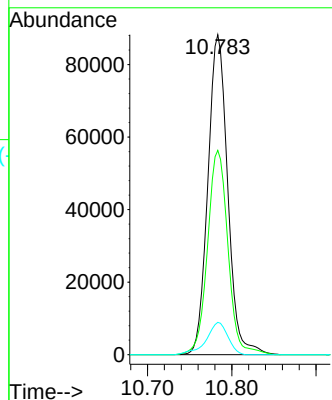
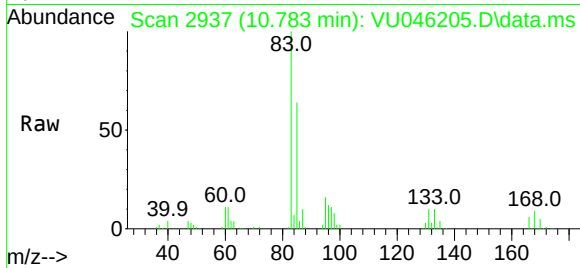




#57
1,1,2,2-Tetrachloroethane
Concen: 51.582 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

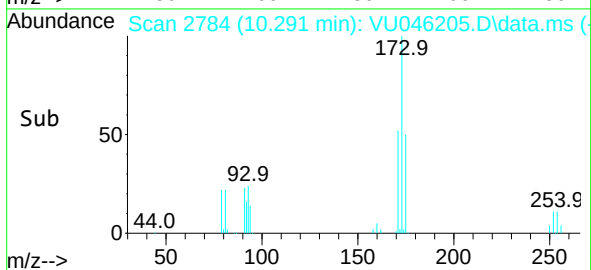
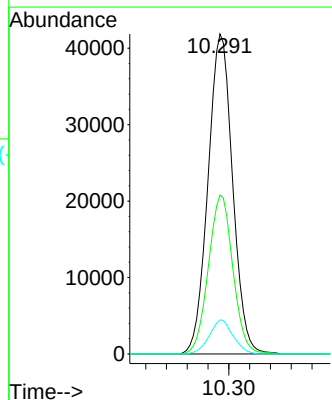
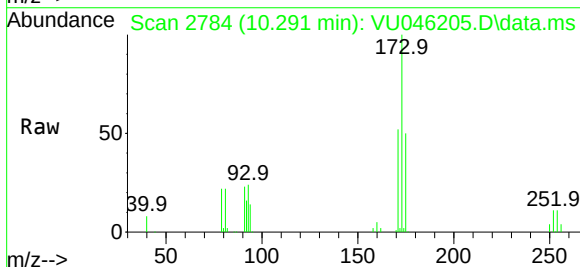
Instrument :
MSVOA_U
ClientSampleId :

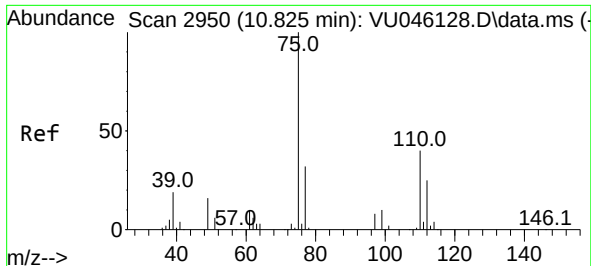
Tgt Ion: 83 Resp: 144523
Ion Ratio Lower Upper
83 100
85 63.9 45.6 84.6
131 10.1 7.8 11.6



#59
Bromoform
Concen: 51.658 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

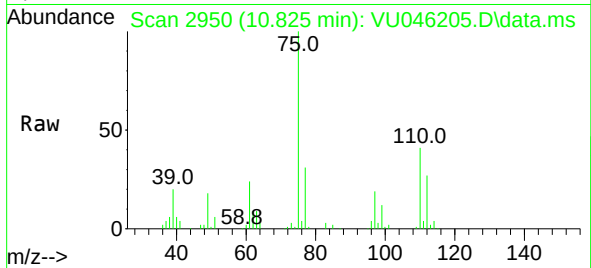
Tgt Ion:173 Resp: 68765
Ion Ratio Lower Upper
173 100
175 49.4 39.2 58.8
254 10.3 7.4 11.2



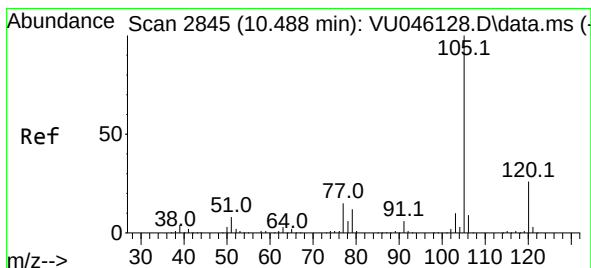
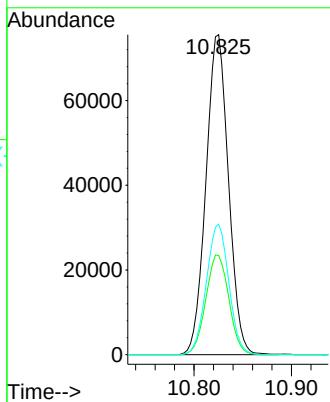
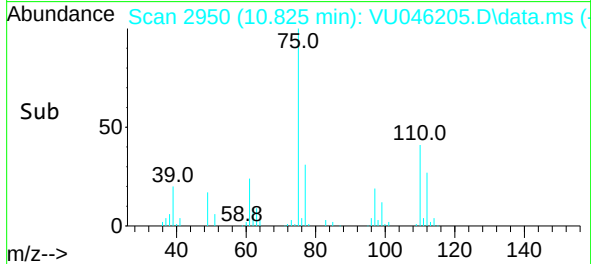


#60
1,2,3-Trichloropropane
Concen: 48.795 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

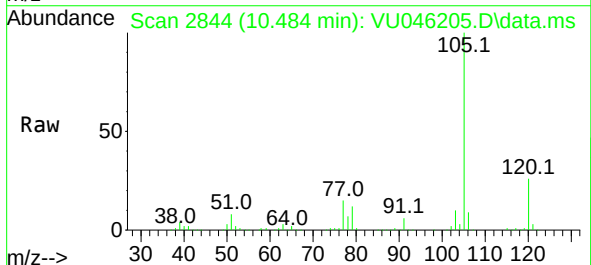
Instrument :
MSVOA_U
ClientSampleId :



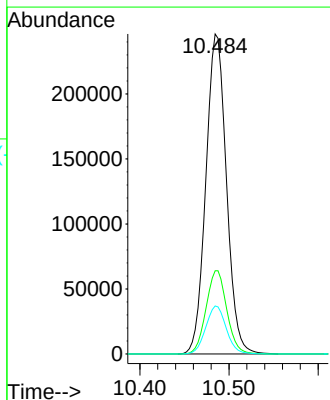
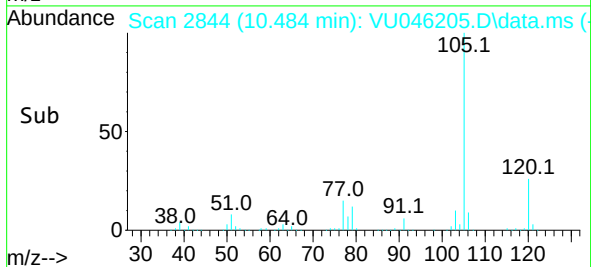
Tgt Ion: 75 Resp: 121374
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
110 40.6 32.4 48.6

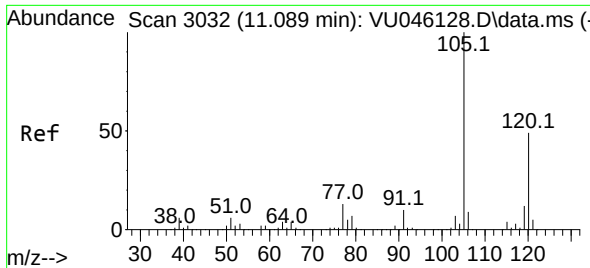


#61
Isopropylbenzene
Concen: 53.414 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41



Tgt Ion: 105 Resp: 394354
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 14.9 12.2 18.4

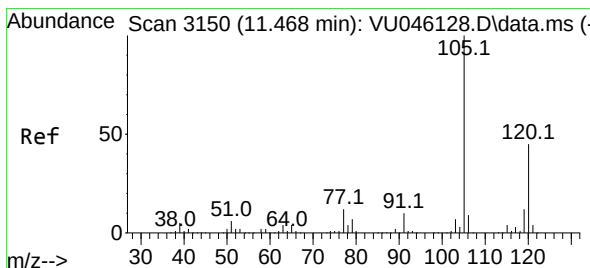
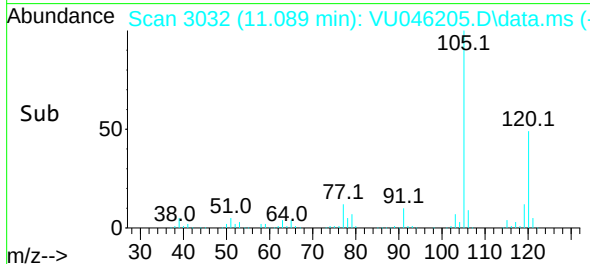
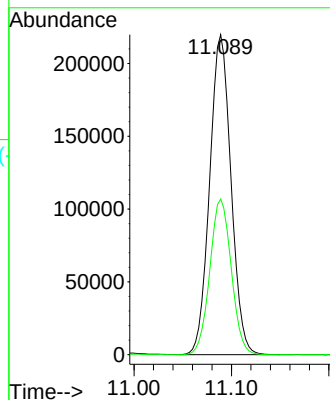
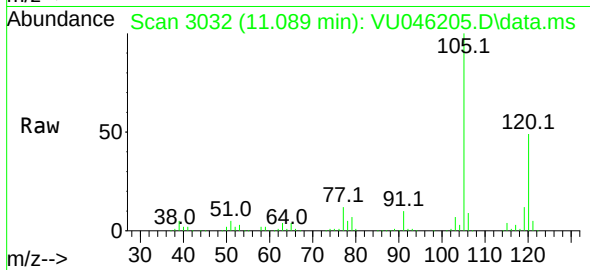




#62
1,3,5-Trimethylbenzene
Concen: 54.353 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

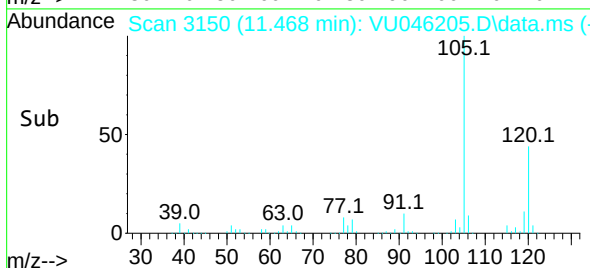
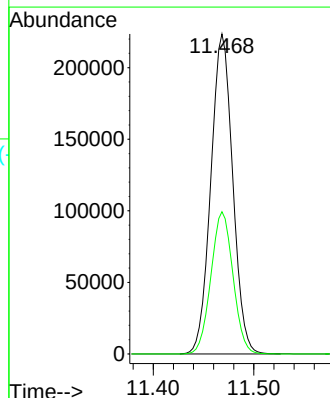
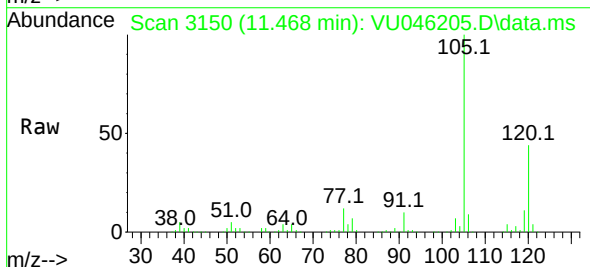
Instrument :
MSVOA_U
ClientSampleId :

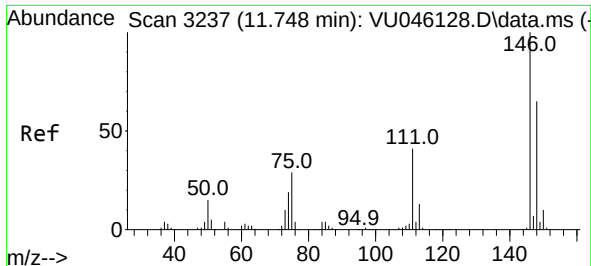
Tgt Ion:105 Resp: 334477
Ion Ratio Lower Upper
105 100
120 48.8 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 54.884 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Tgt Ion:105 Resp: 337909
Ion Ratio Lower Upper
105 100
120 44.8 35.2 52.8

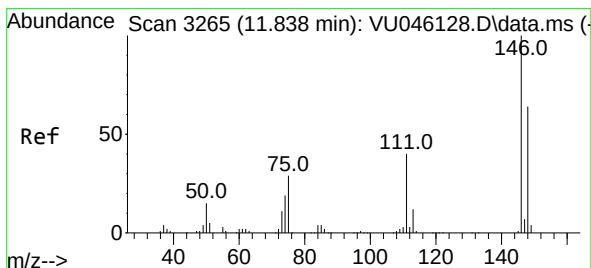
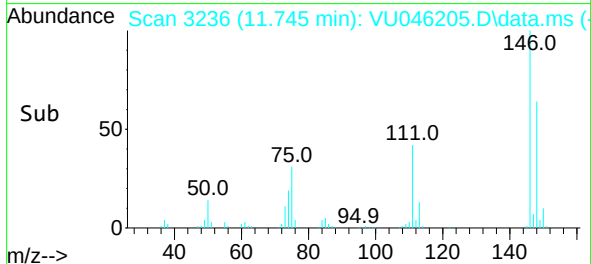
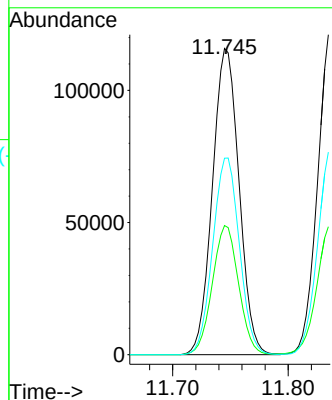
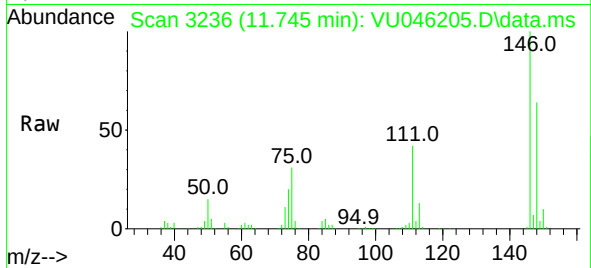




#64
1,3-Dichlorobenzene
Concen: 52.870 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

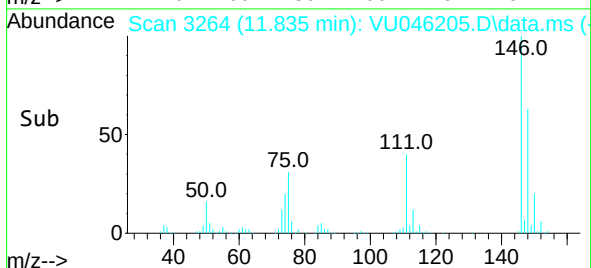
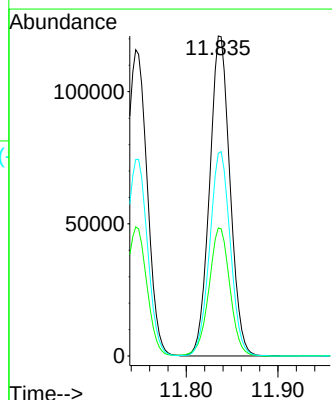
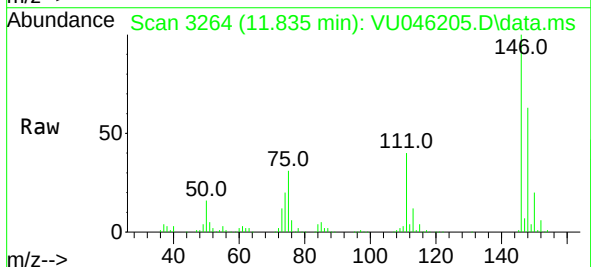
Instrument :
MSVOA_U
ClientSampleId :

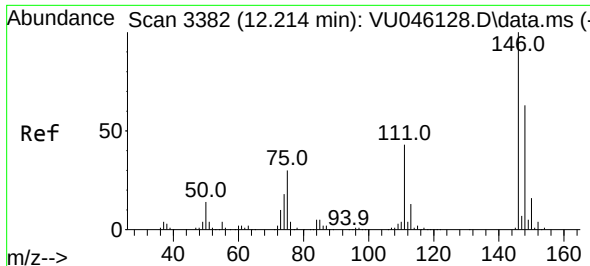
Tgt Ion:146 Resp: 185414
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 64.2 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 51.745 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046205.D
Acq: 09 Dec 2021 02:41

Tgt Ion:146 Resp: 187547
Ion Ratio Lower Upper
146 100
111 40.0 28.3 52.7
148 63.3 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 52.172 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

ClientSampleId :

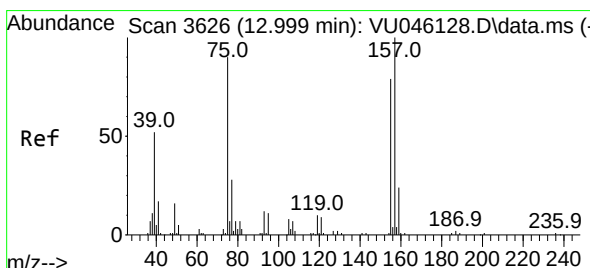
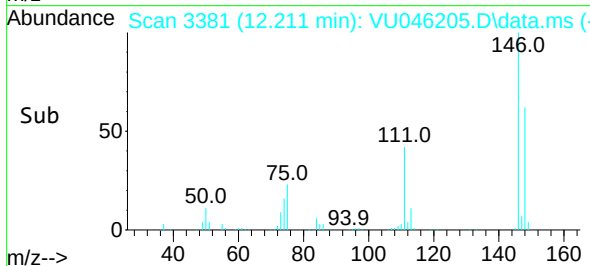
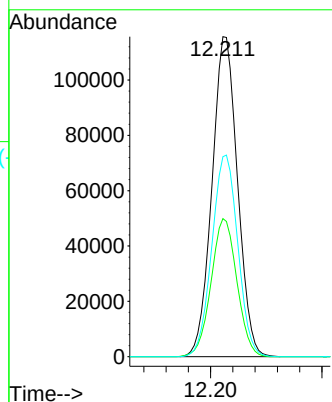
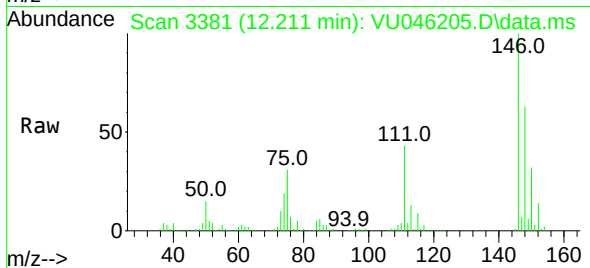
Tgt Ion:146 Resp: 184252

Ion Ratio Lower Upper

146 100

111 43.2 35.7 53.5

148 62.5 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 51.056 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

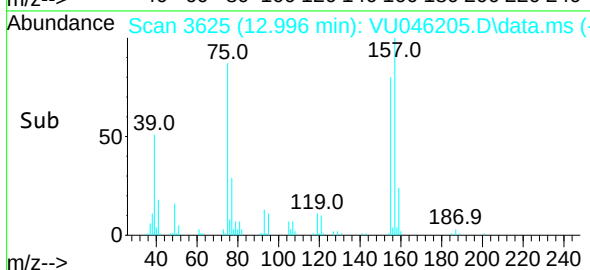
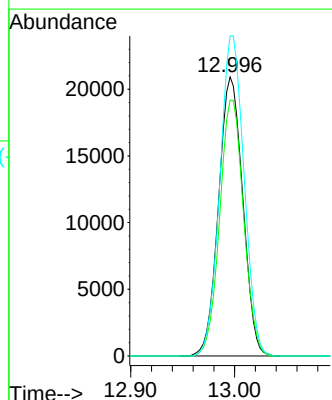
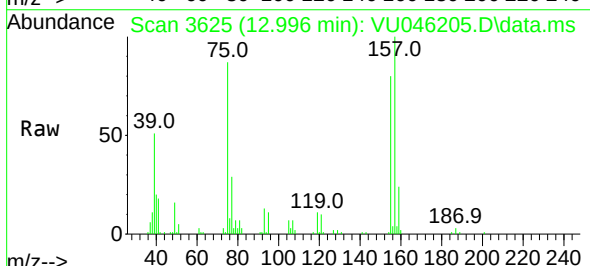
Tgt Ion: 75 Resp: 33832

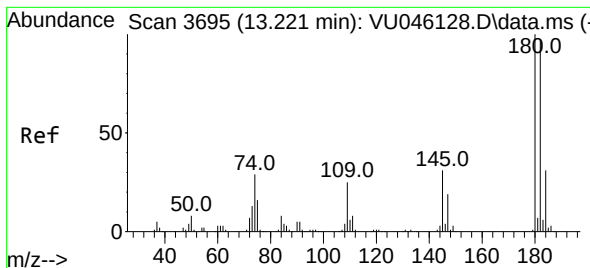
Ion Ratio Lower Upper

75 100

155 91.6 64.9 97.3

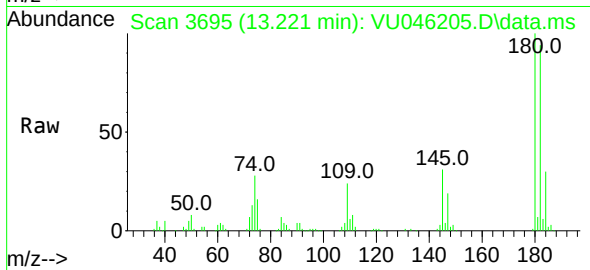
157 114.7 81.9 122.9



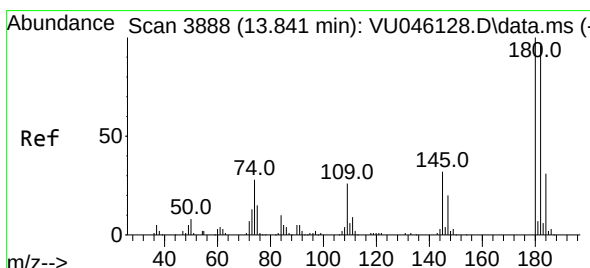
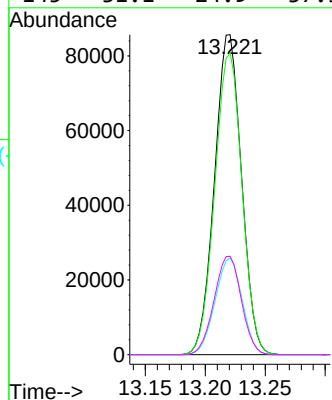
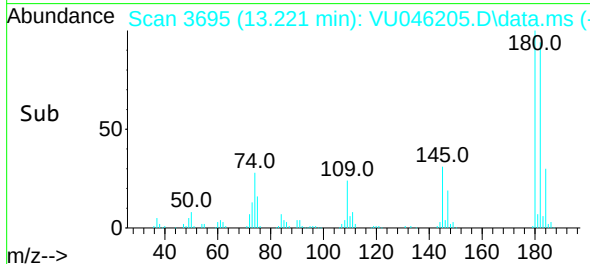


#69
 1,3,5-Trichlorobenzene
 Concen: 52.438 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046205.D
 Acq: 09 Dec 2021 02:41

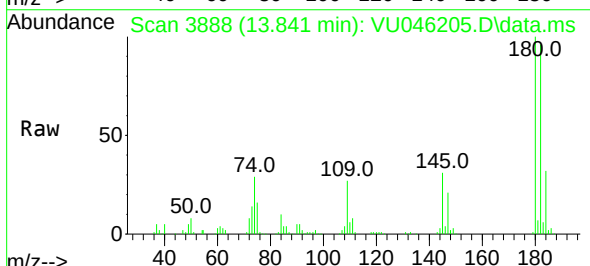
Instrument :
 MSVOA_U
 ClientSampleId :



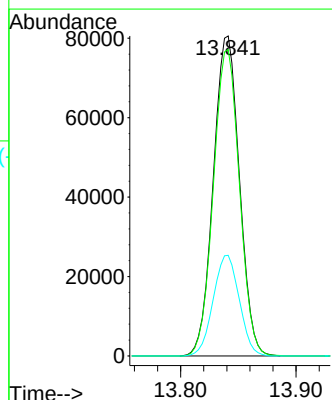
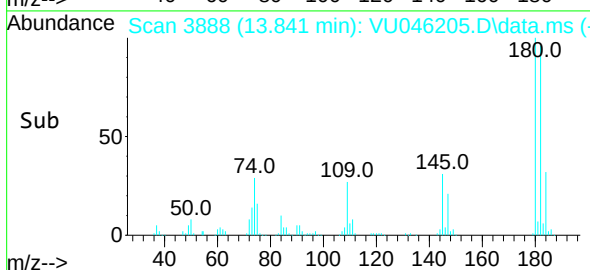
Tgt Ion:180 Resp: 133995
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.9 113.9
 184 30.3 24.2 36.4
 145 31.1 24.9 37.3

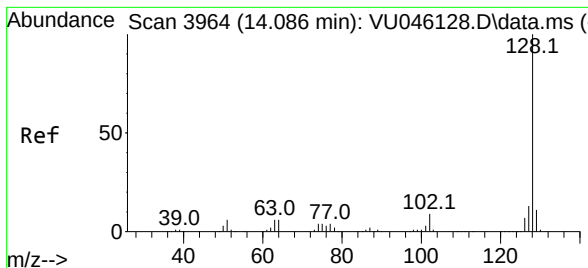


#70
 1,2,4-trichlorobenzene
 Concen: 55.777 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046205.D
 Acq: 09 Dec 2021 02:41



Tgt Ion:180 Resp: 126479
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.7 115.1
 145 31.4 26.0 39.0





#71

Naphthalene

Concen: 61.076 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Instrument :

MSVOA_U

ClientSampleId :

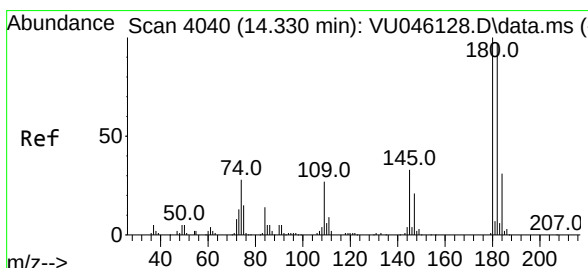
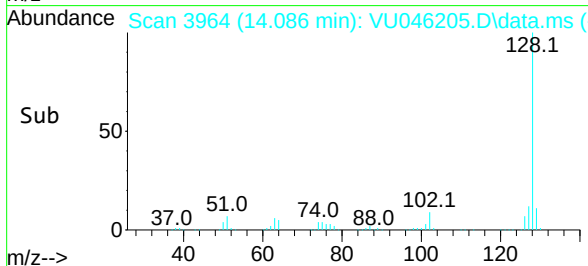
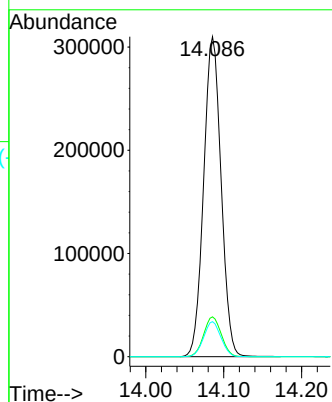
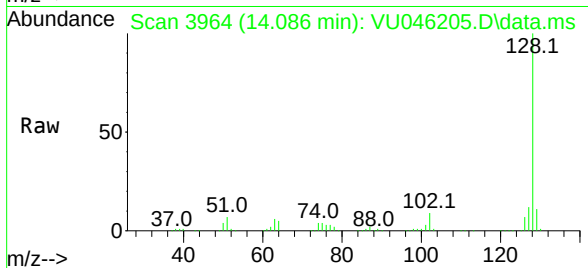
Tgt Ion:128 Resp: 481936

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 55.741 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU046205.D

Acq: 09 Dec 2021 02:41

Tgt Ion:180 Resp: 128892

Ion Ratio Lower Upper

180 100

182 96.7 76.0 114.0

145 33.3 27.3 40.9

