

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046278.D
 Acq On : 11 Dec 2021 11:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:37:37 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	208137	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	209609	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	118280	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70458	41.095	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.180%
7) Chloroethane-d5	1.919	69	59093	44.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.780%
11) 1,1-Dichloroethene-d2	2.575	63	135495	44.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.040%
21) 2-Butanone-d5	4.642	46	151371	111.060	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.060%
24) Chloroform-d	5.067	84	151796	53.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.040%
26) 1,2-Dichloroethane-d4	5.706	65	97338	50.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.320%
32) Benzene-d6	5.732	84	293025	48.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
36) 1,2-Dichloropropane-d6	6.694	67	94059	50.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	7.903	98	266785	48.772	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.540%
43) trans-1,3-Dichloroprop...	8.182	79	48356	53.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.600%
47) 2-Hexanone-d5	8.636	63	113257	128.293	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.290%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	157005	55.603	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	114381	50.214	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	93557	41.315	ug/L	100
3) Chloromethane	1.523	50	82857	40.908	ug/L	99
5) Vinyl chloride	1.607	62	92299	45.195	ug/L	100
6) Bromomethane	1.864	94	58712	50.722	ug/L	100
8) Chloroethane	1.938	64	56325	47.634	ug/L	100
9) Trichlorofluoromethane	2.144	101	130420	48.915	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	83571	55.181	ug/L	96
12) 1,1-Dichloroethene	2.584	96	73274	50.915	ug/L	95
13) Acetone	2.658	43	150352	88.265	ug/L	97
14) Carbon disulfide	2.800	76	185716	41.594	ug/L	99
15) Methyl Acetate	2.961	43	95951	48.320	ug/L	96
16) Methylene chloride	3.051	84	88506	51.690	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	80848	53.085	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	271251	57.791	ug/L	100
19) 1,1-Dichloroethane	3.877	63	153890	55.573	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	93722	56.714	ug/L	97
22) 2-Butanone	4.723	43	176426	95.143	ug/L	97
23) Bromochloromethane	4.980	128	49276	59.039	ug/L	92
25) Chloroform	5.092	83	168389	54.730	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046278.D
 Acq On : 11 Dec 2021 11:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

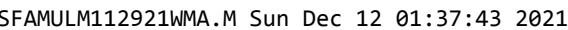
Instrument :
 MSVOA_U
 ClientSampleId :

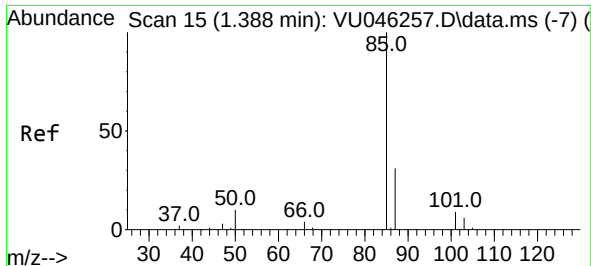
Quant Time: Dec 12 01:37:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	122713	53.748	ug/L	99
29) Cyclohexane	5.395	56	118549	48.571	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	139833	54.347	ug/L	100
31) Carbon tetrachloride	5.530	117	121701	55.716	ug/L	98
33) Benzene	5.777	78	342223	53.944	ug/L	100
34) Trichloroethene	6.546	95	91737	54.890	ug/L	99
35) Methylcyclohexane	6.768	83	132025	50.947	ug/L	99
37) 1,2-Dichloropropane	6.796	63	92860	55.877	ug/L	100
38) Bromodichloromethane	7.108	83	129282	58.528	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	145759	57.653	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	271400	111.152	ug/L	98
42) Toluene	7.973	91	377812	55.501	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	140218	56.469	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	95544	57.305	ug/L	99
46) Tetrachloroethene	8.555	164	68440	55.724	ug/L	96
48) 2-Hexanone	8.687	43	229191	104.957	ug/L	98
49) Dibromochloromethane	8.812	129	108315	61.865	ug/L	98
50) 1,2-Dibromoethane	8.928	107	98619	54.557	ug/L #	98
51) Chlorobenzene	9.449	112	248911	56.519	ug/L	99
52) Ethylbenzene	9.574	91	418402	57.111	ug/L	98
53) m,p-Xylene	9.697	106	166027	58.110	ug/L	97
54) o-xylene	10.105	106	159639	57.583	ug/L	96
55) Styrene	10.118	104	289508	61.166	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	161650	56.551	ug/L	99
59) Bromoform	10.295	173	82499	59.456	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	134469	51.862	ug/L	99
61) Isopropylbenzene	10.488	105	427092	55.497	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	368580	57.460	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	374915	58.419	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	203157	55.574	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	206810	54.740	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	202554	55.023	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	39465	57.136	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	156721	58.838	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	141714	59.955	ug/L	99
71) Naphthalene	14.089	128	515321	62.652	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	146858	60.929	ug/L	99

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

Quant Time: Dec 12 01:37:37 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

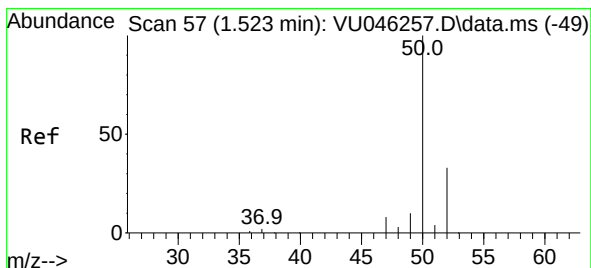
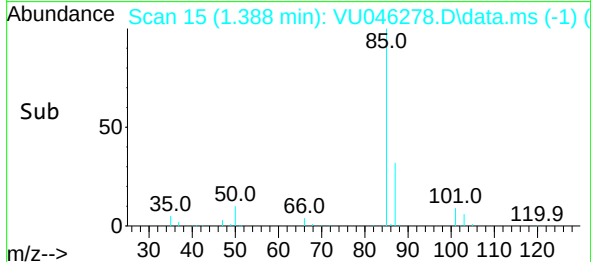
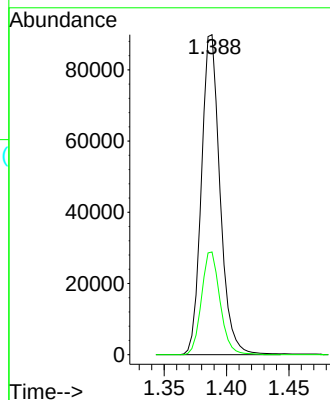
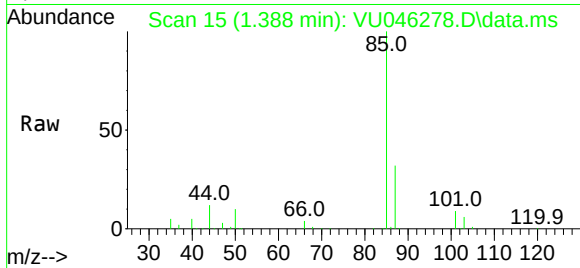




#2
Dichlorodifluoromethane
Concen: 41.315 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

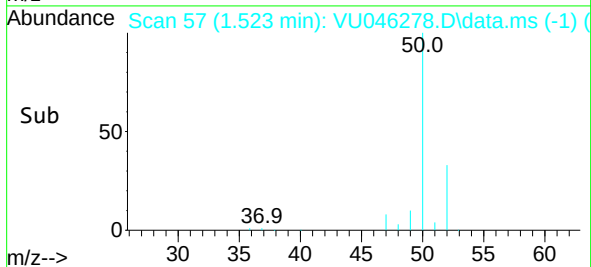
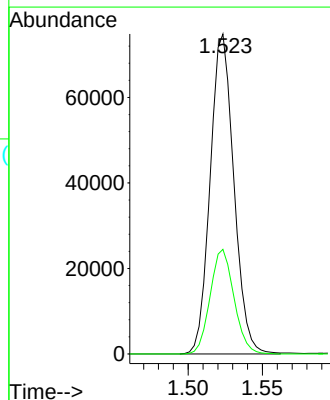
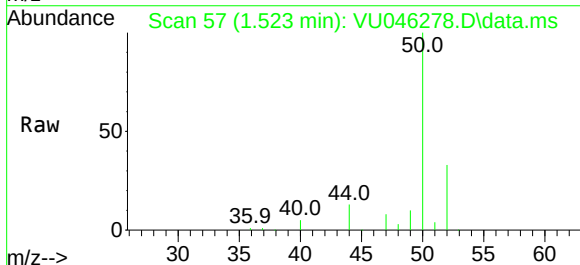
Instrument :
MSVOA_U
ClientSampleId :

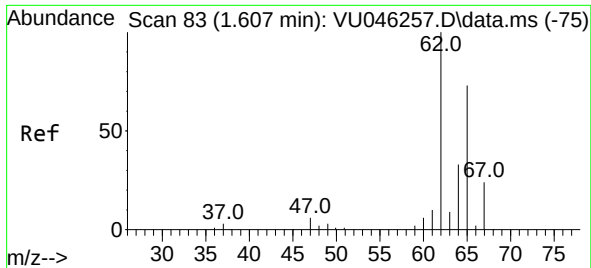
Tgt Ion: 85 Resp: 93557
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 40.908 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

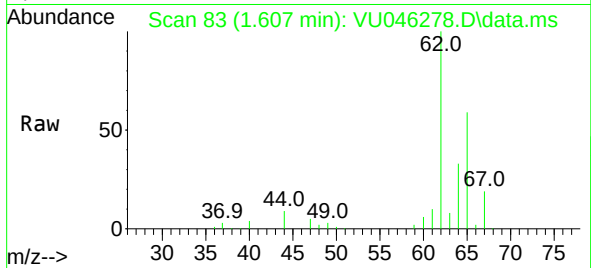
Tgt Ion: 50 Resp: 82857
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2



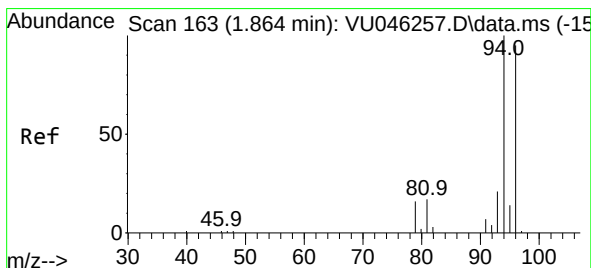
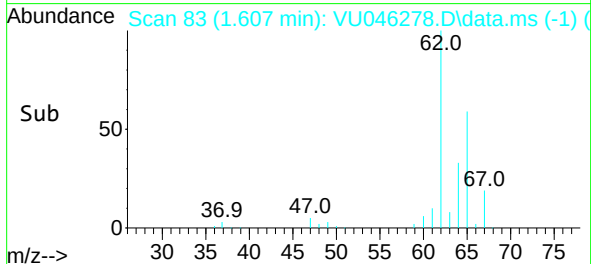
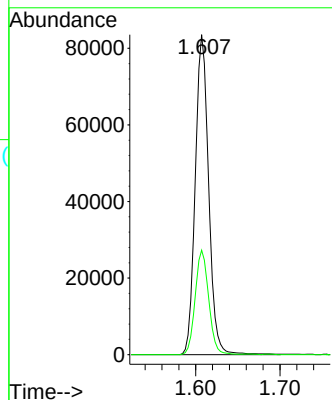


#5
 Vinyl chloride
 Concen: 45.195 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046278.D
 Acq: 11 Dec 2021 11:53

Instrument :
 MSVOA_U
 ClientSampleId :

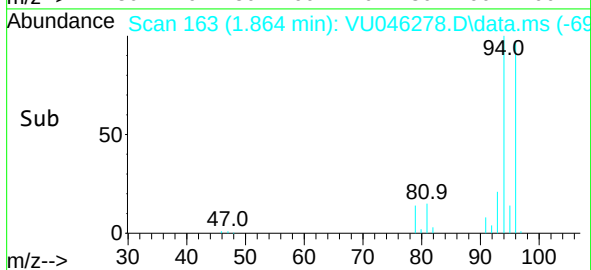
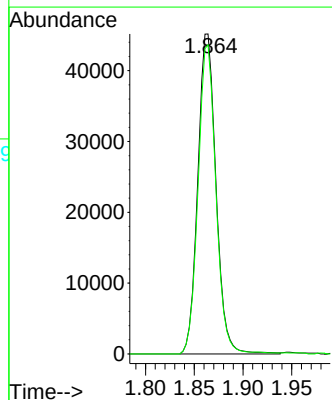
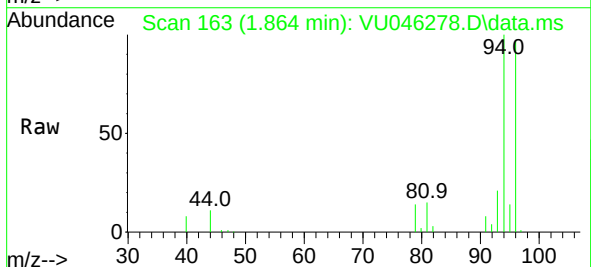


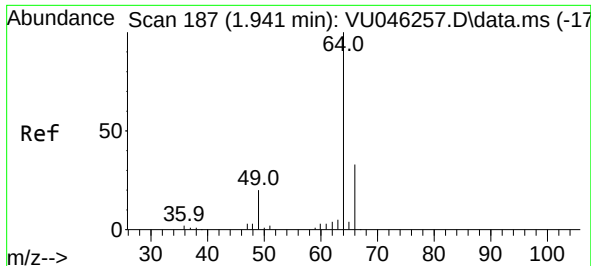
Tgt Ion: 62 Resp: 92299
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 50.722 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046278.D
 Acq: 11 Dec 2021 11:53

Tgt Ion: 94 Resp: 58712
 Ion Ratio Lower Upper
 94 100
 96 96.6 67.4 125.2

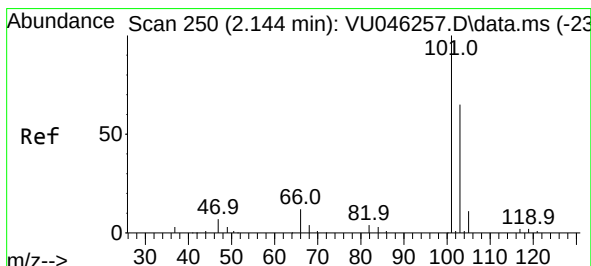
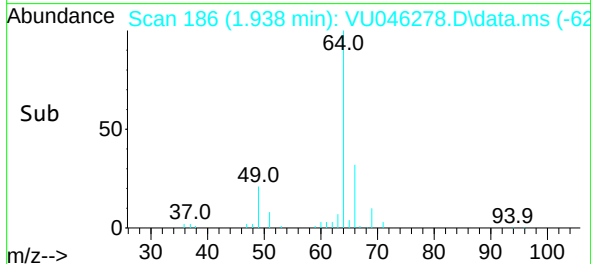
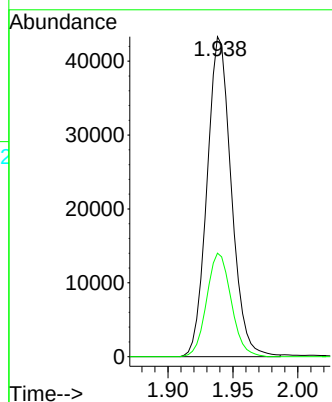
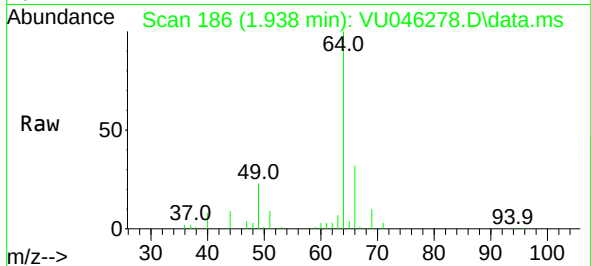




#8
Chloroethane
Concen: 47.634 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

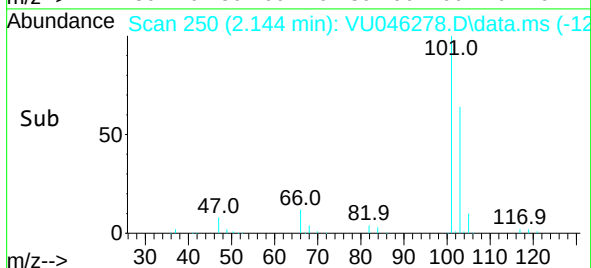
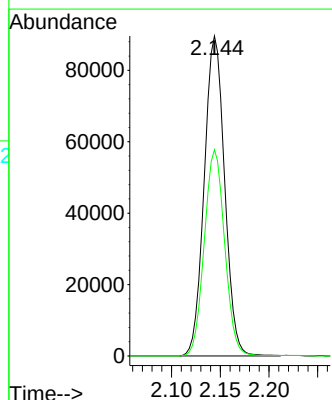
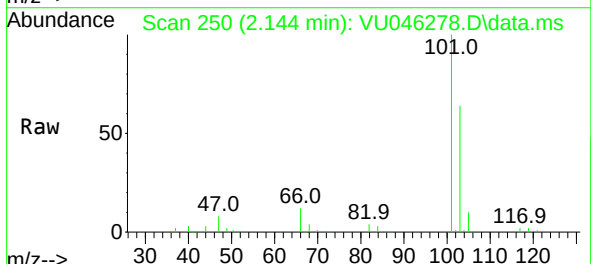
Instrument :
MSVOA_U
ClientSampleId :

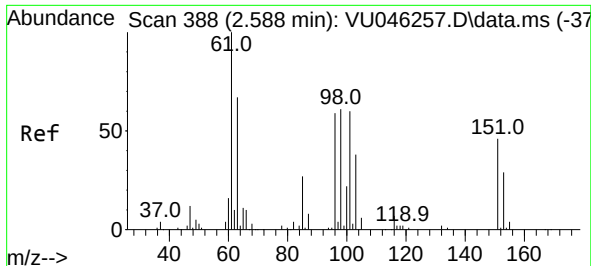
Tgt Ion: 64 Resp: 56325
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 48.915 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Tgt Ion:101 Resp: 130420
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

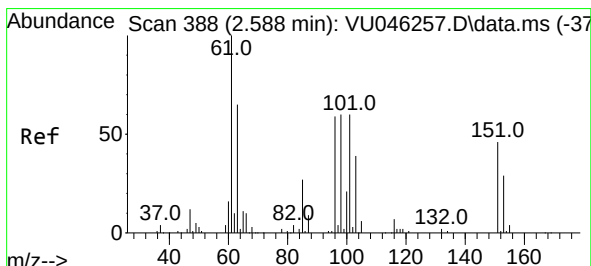
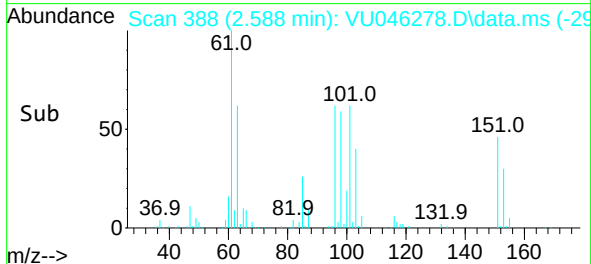
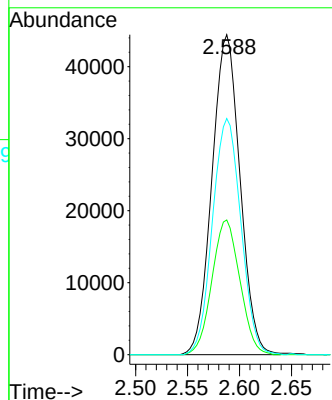
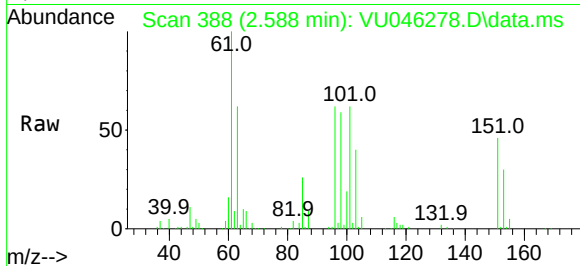




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.181 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046278.D
 Acq: 11 Dec 2021 11:53

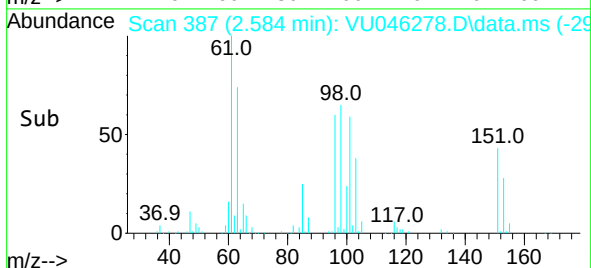
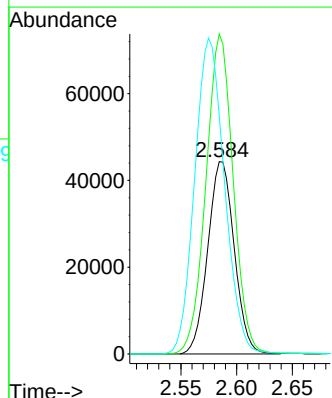
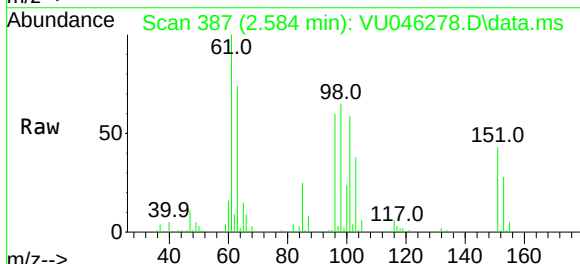
Instrument :
 MSVOA_U
 ClientSampleId :

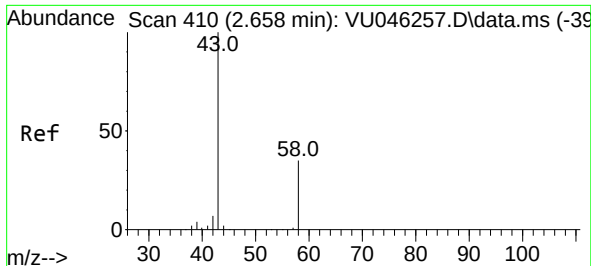
Tgt Ion:101 Resp: 83571
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.1 52.7
 151 74.7 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 50.915 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU046278.D
 Acq: 11 Dec 2021 11:53

Tgt Ion: 96 Resp: 73274
 Ion Ratio Lower Upper
 96 100
 61 166.3 118.6 220.2
 63 123.9 93.0 172.8





#13

Acetone

Concen: 88.265 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.003 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

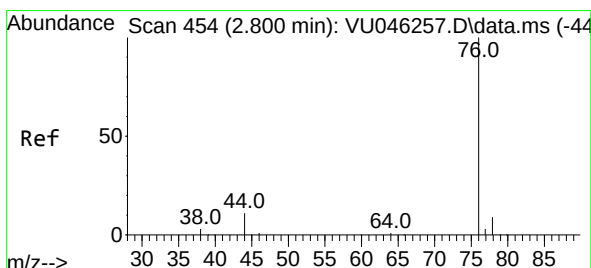
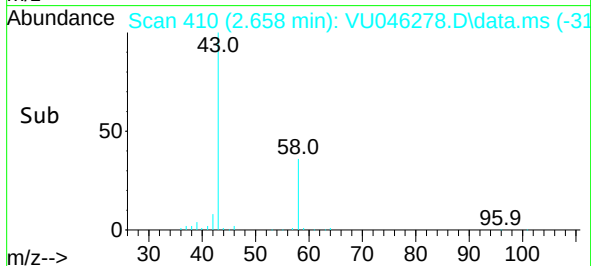
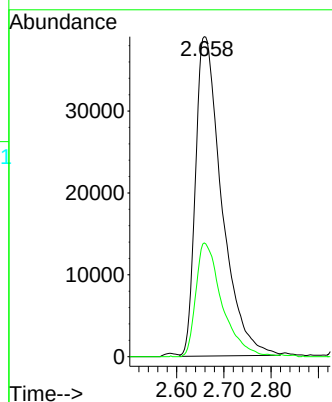
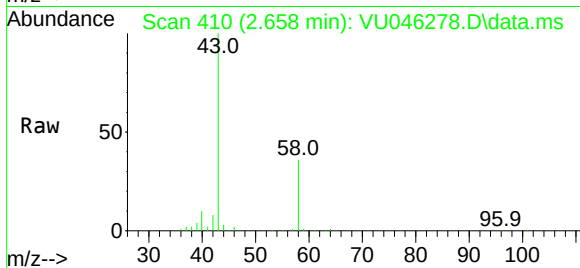
ClientSampleId :

Tgt Ion: 43 Resp: 150352

Ion Ratio Lower Upper

43 100

58 35.3 0.0 66.8



#14

Carbon disulfide

Concen: 41.594 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046278.D

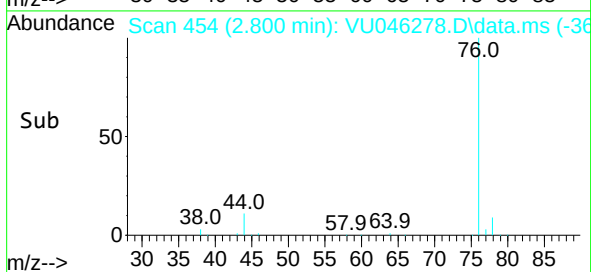
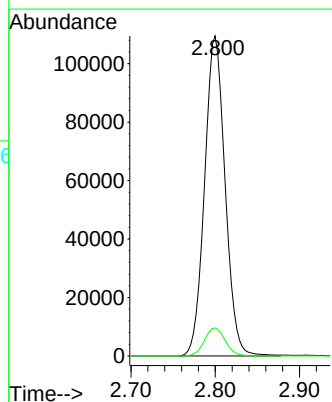
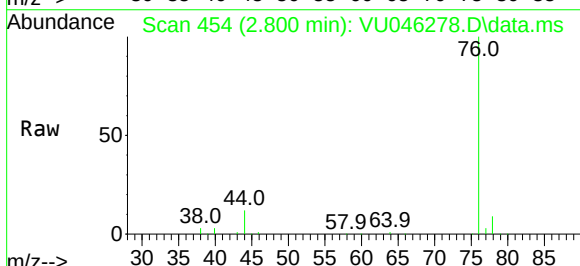
Acq: 11 Dec 2021 11:53

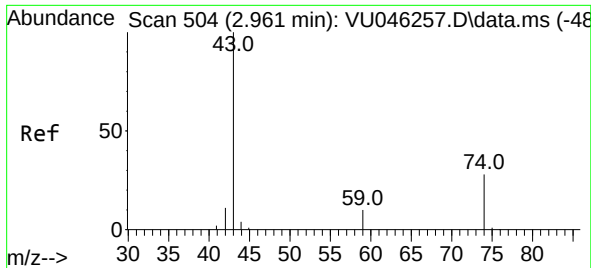
Tgt Ion: 76 Resp: 185716

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

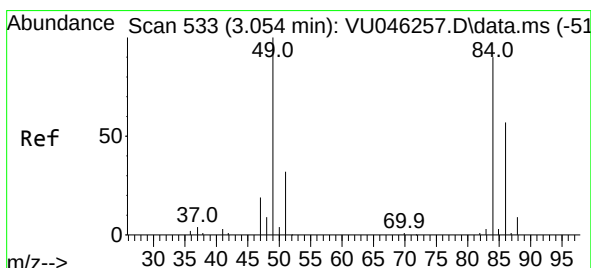
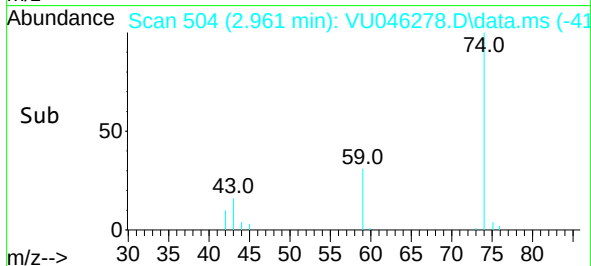
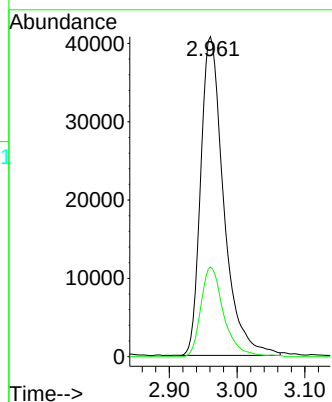
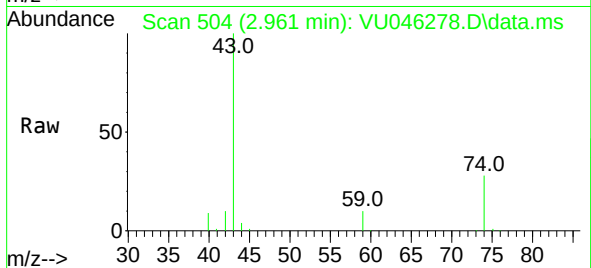




#15
Methyl Acetate
Concen: 48.320 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

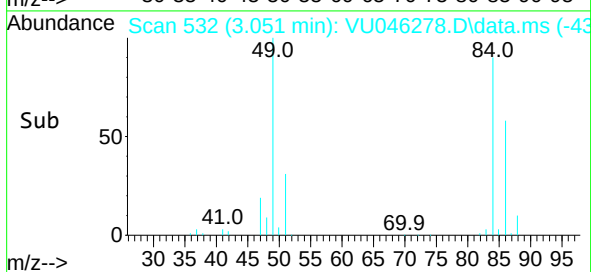
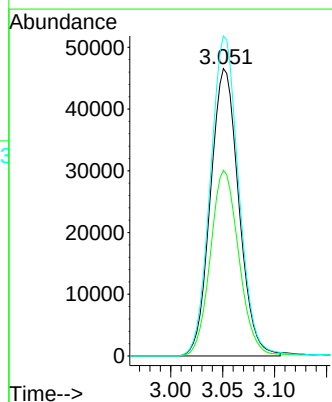
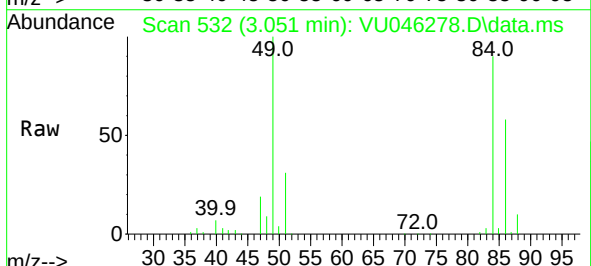
Instrument :
MSVOA_U
ClientSampleId :

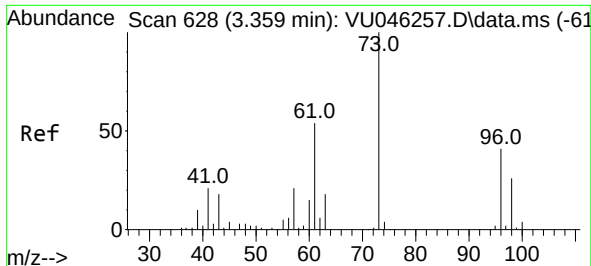
Tgt Ion: 43 Resp: 95951
Ion Ratio Lower Upper
43 100
74 27.9 20.8 31.2



#16
Methylene chloride
Concen: 51.690 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Tgt Ion: 84 Resp: 88506
Ion Ratio Lower Upper
84 100
86 64.6 44.7 83.1
49 111.4 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 53.085 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

ClientSampleId :

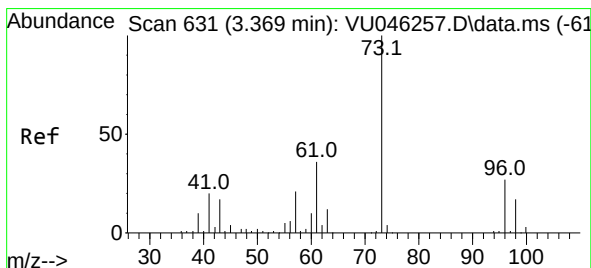
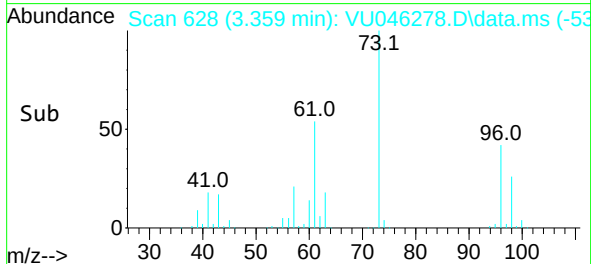
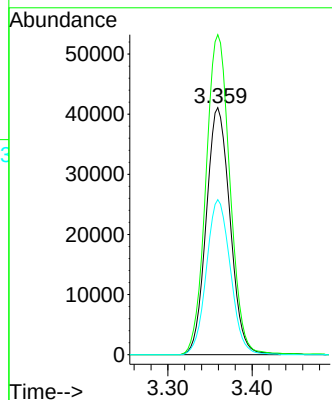
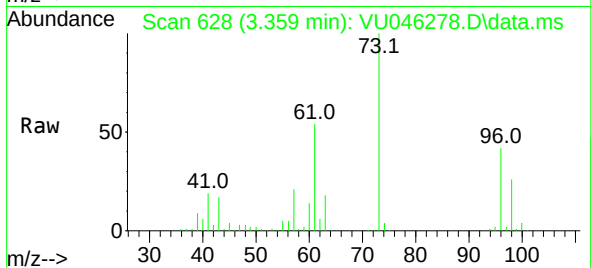
Tgt Ion: 96 Resp: 80848

Ion Ratio Lower Upper

96 100

61 129.5 94.6 175.6

98 62.7 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 57.791 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

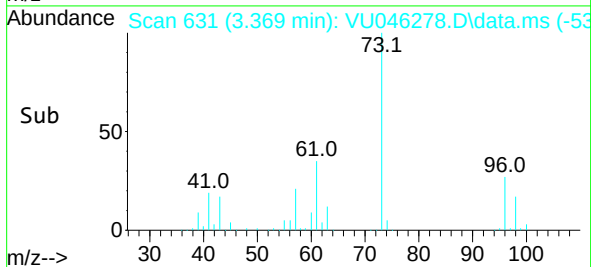
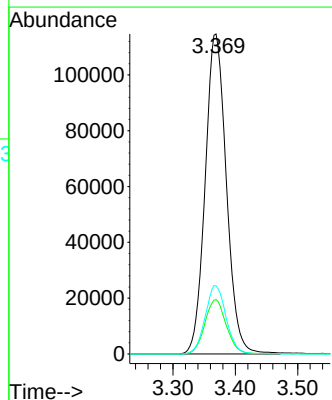
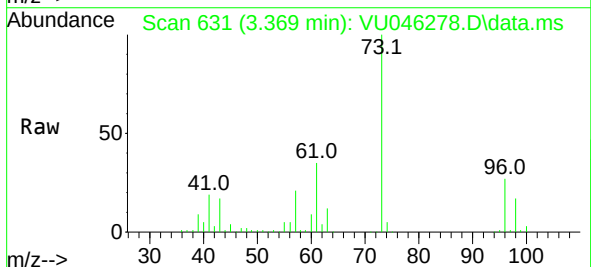
Tgt Ion: 73 Resp: 271251

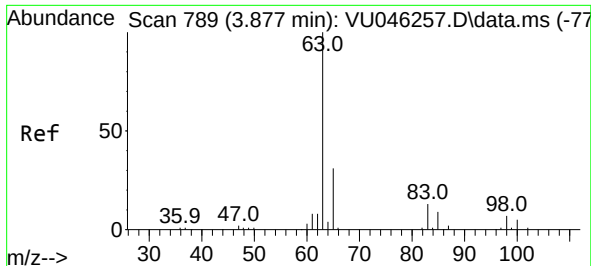
Ion Ratio Lower Upper

73 100

43 17.2 14.0 21.0

57 21.1 17.0 25.4





#19

1,1-Dichloroethane

Concen: 55.573 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

ClientSampleId :

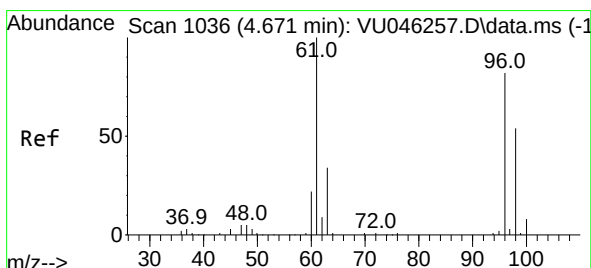
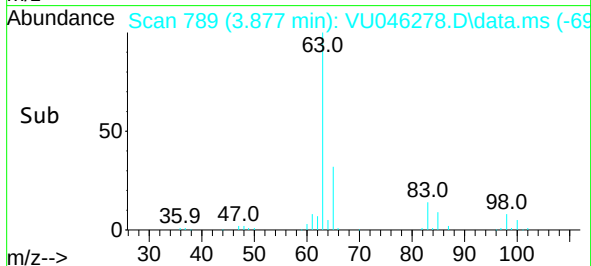
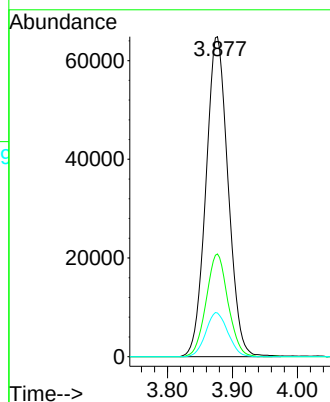
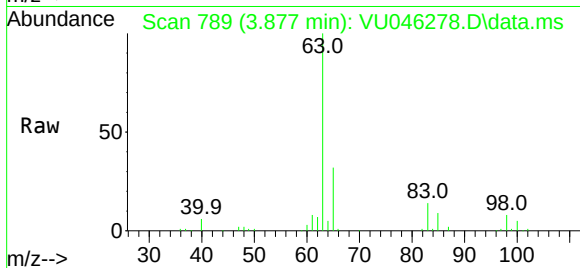
Tgt Ion: 63 Resp: 153890

Ion Ratio Lower Upper

63 100

65 32.1 22.8 42.4

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 56.714 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

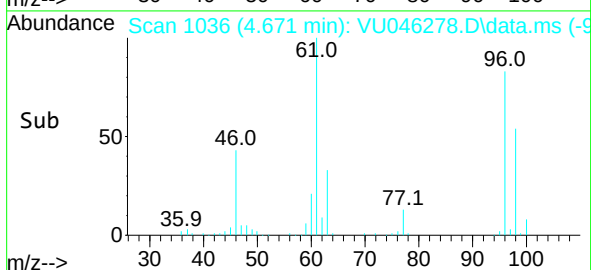
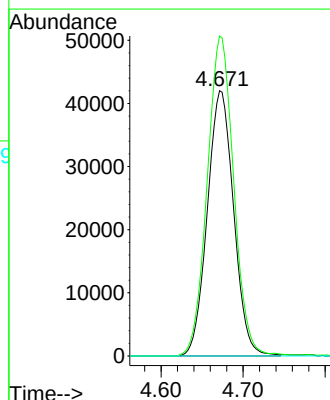
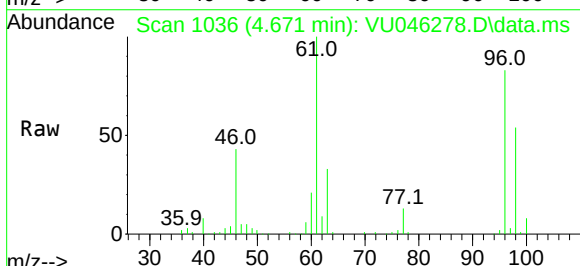
Tgt Ion: 96 Resp: 93722

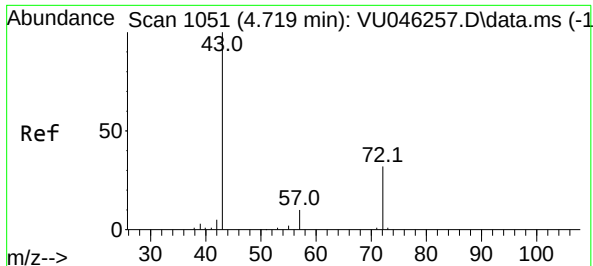
Ion Ratio Lower Upper

96 100

61 120.6 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 95.143 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

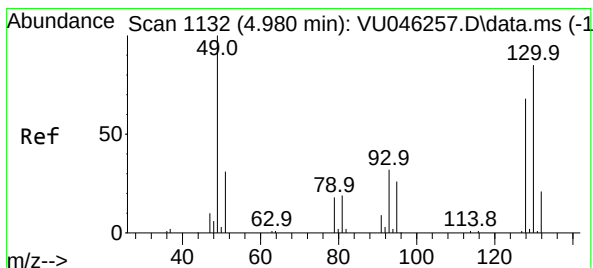
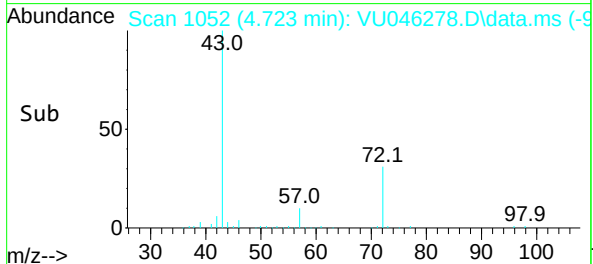
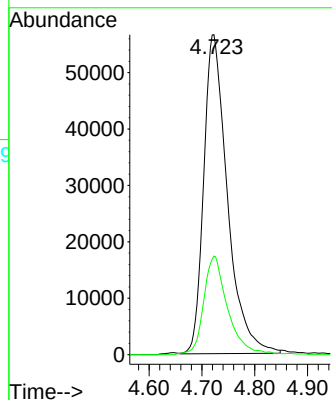
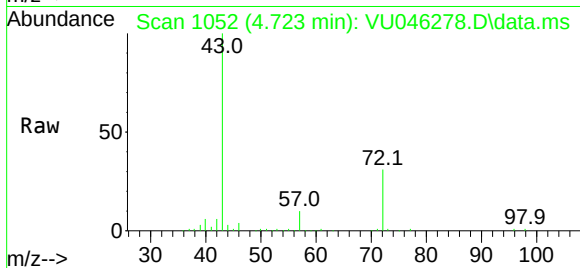
ClientSampleId :

Tgt Ion: 43 Resp: 176426

Ion Ratio Lower Upper

43 100

72 30.9 14.5 43.6



#23

Bromochloromethane

Concen: 59.039 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Tgt Ion: 128 Resp: 49276

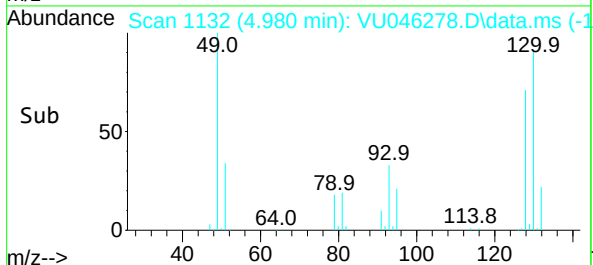
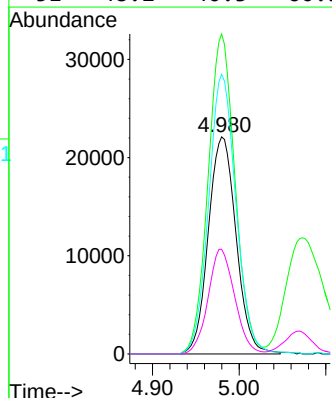
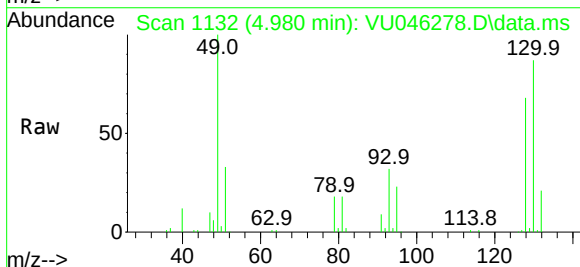
Ion Ratio Lower Upper

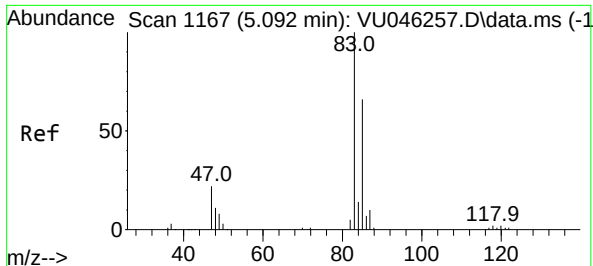
128 100

49 147.4 115.9 215.3

130 128.8 91.8 170.4

51 48.2 40.3 60.5





#25

Chloroform

Concen: 54.730 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

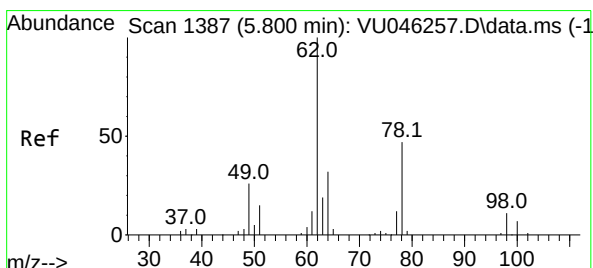
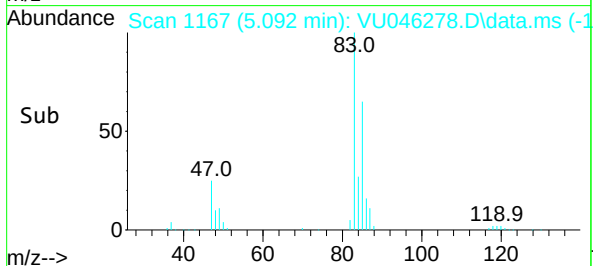
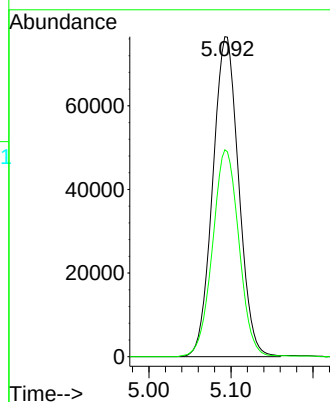
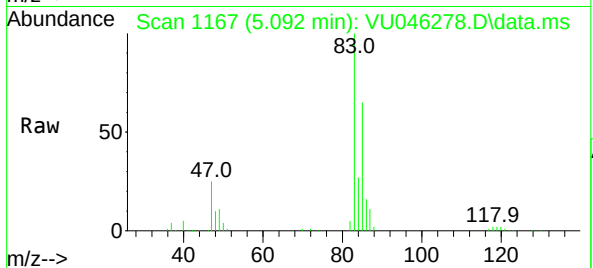
ClientSampleId :

Tgt Ion: 83 Resp: 168389

Ion Ratio Lower Upper

83 100

85 64.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 53.748 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU046278.D

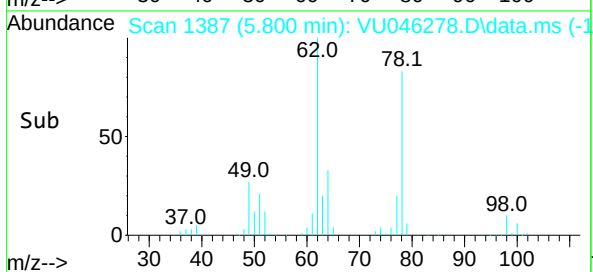
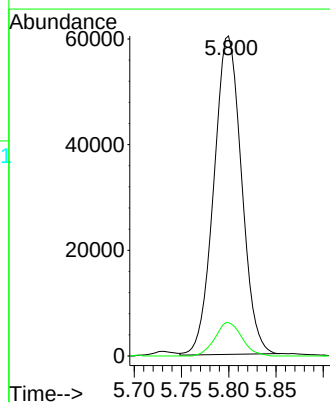
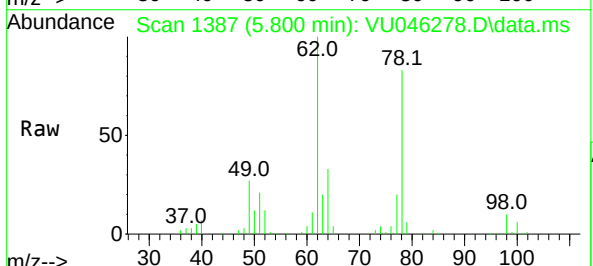
Acq: 11 Dec 2021 11:53

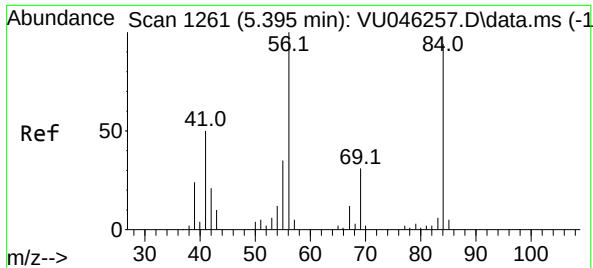
Tgt Ion: 62 Resp: 122713

Ion Ratio Lower Upper

62 100

98 10.4 7.9 11.9





#29

Cyclohexane

Concen: 48.571 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

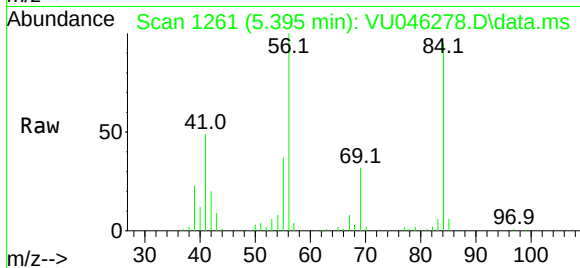
Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

ClientSampleId :



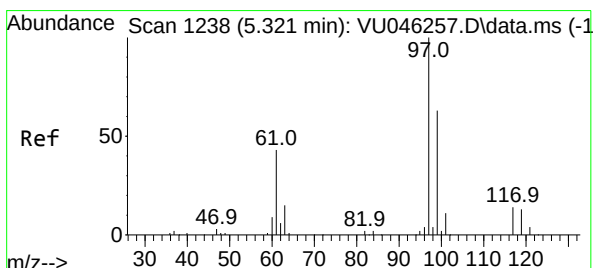
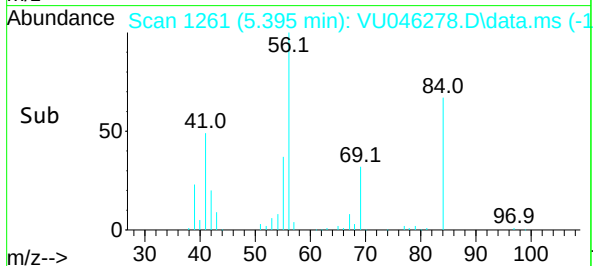
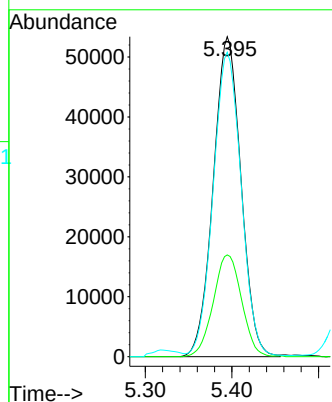
Tgt Ion: 56 Resp: 118549

Ion Ratio Lower Upper

56 100

69 32.5 25.2 37.8

84 96.0 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 54.347 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

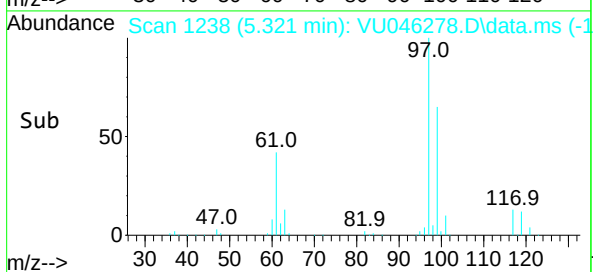
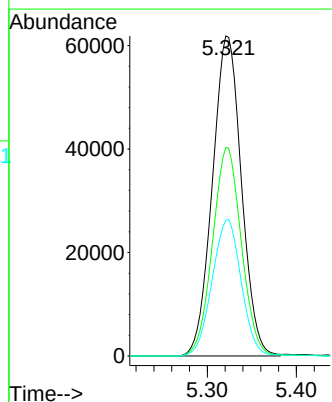
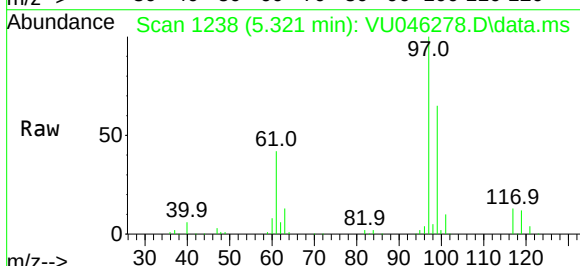
Tgt Ion: 97 Resp: 139833

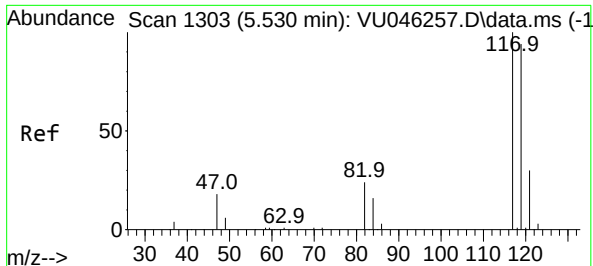
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 42.9 34.4 51.6

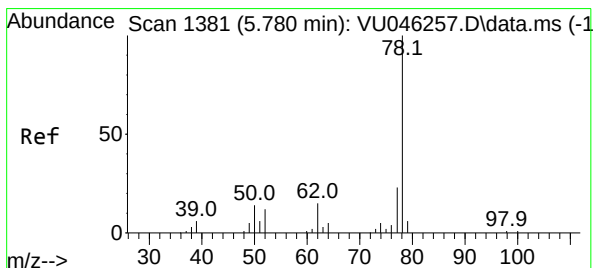
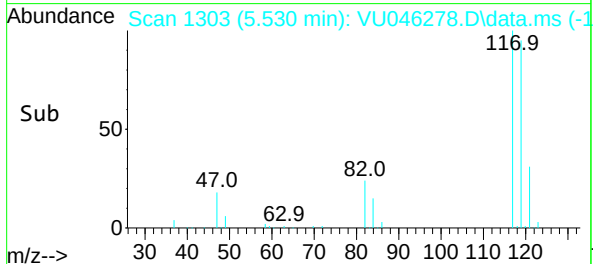
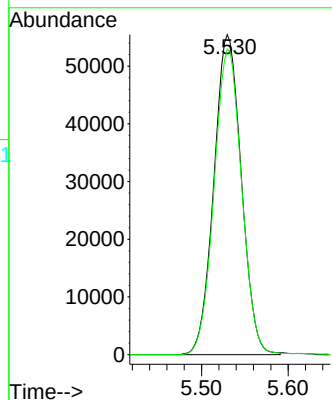
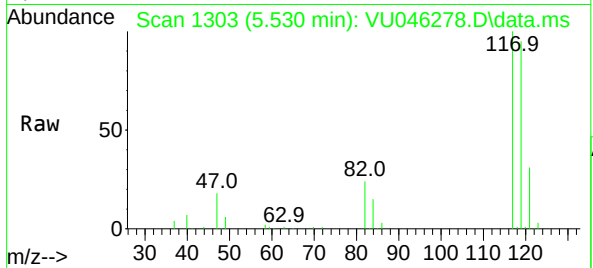




#31
Carbon tetrachloride
Concen: 55.716 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

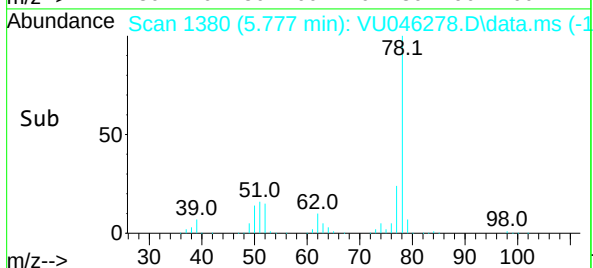
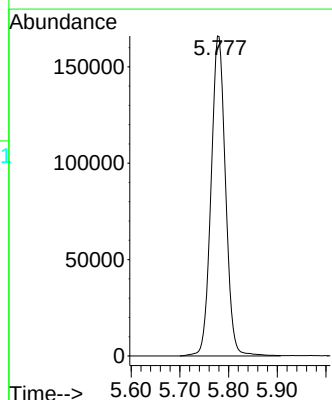
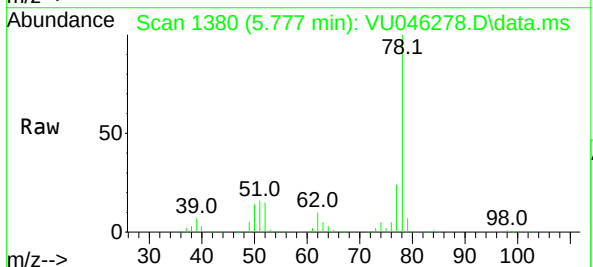
Instrument :
MSVOA_U
ClientSampleId :

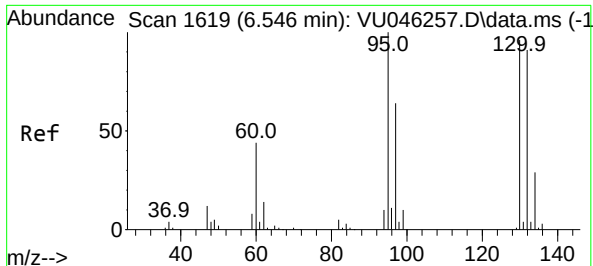
Tgt Ion:117 Resp: 121701
Ion Ratio Lower Upper
117 100
119 96.2 75.7 113.5



#33
Benzene
Concen: 53.944 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

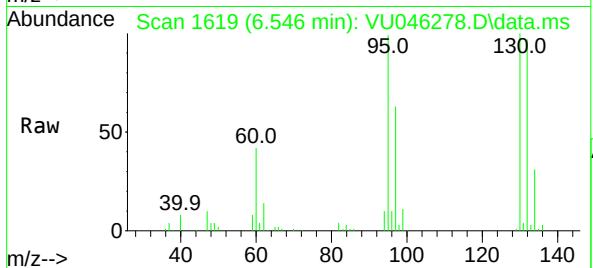
Tgt Ion: 78 Resp: 342223



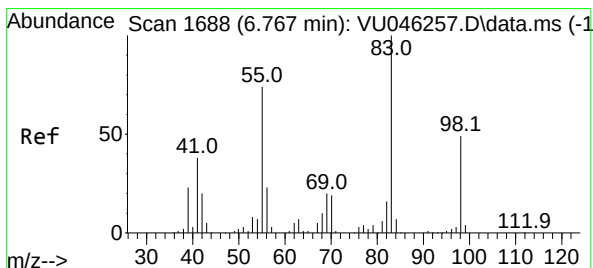
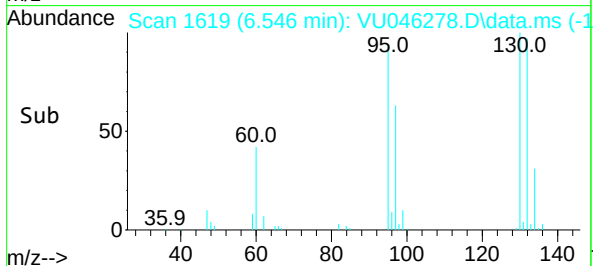
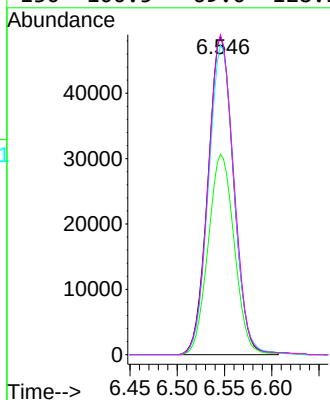


#34
Trichloroethene
Concen: 54.890 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Instrument :
MSVOA_U
ClientSampleId :

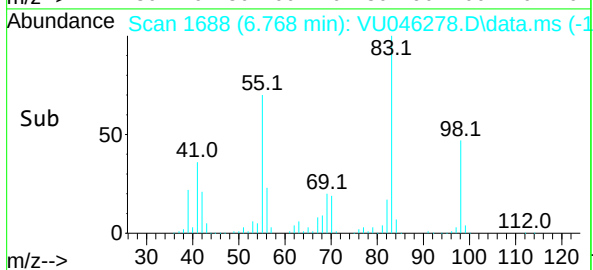
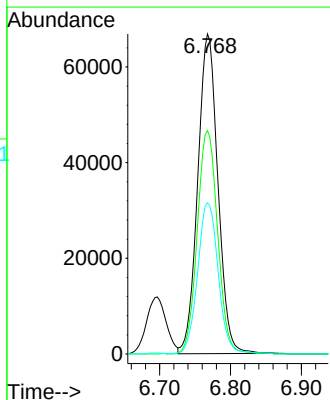
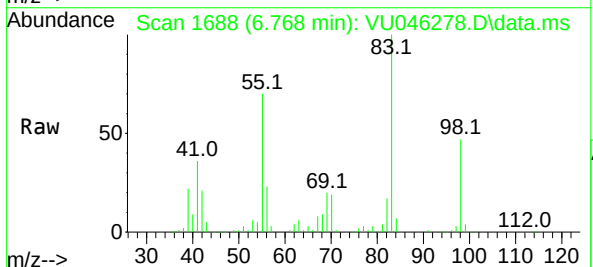


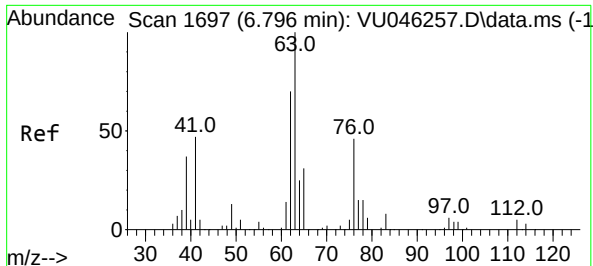
Tgt Ion:	95	Resp:	91737
Ion Ratio	Lower	Upper	
95	100		
97	62.9	44.1	81.9
132	97.2	66.8	124.0
130	100.5	69.0	128.1



#35
Methylcyclohexane
Concen: 50.947 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Tgt Ion:	83	Resp:	132025
Ion Ratio	Lower	Upper	
83	100		
55	70.8	57.8	86.6
98	47.6	38.4	57.6





#37

1,2-Dichloropropane

Concen: 55.877 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

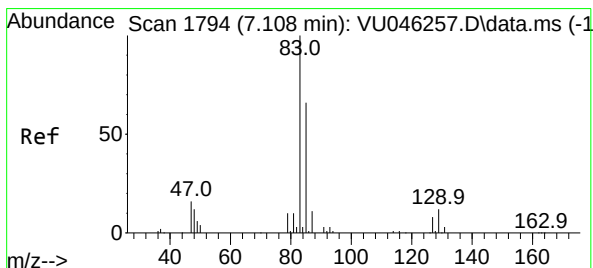
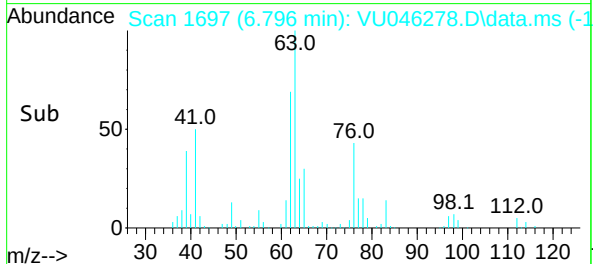
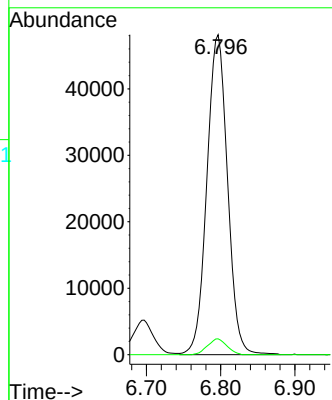
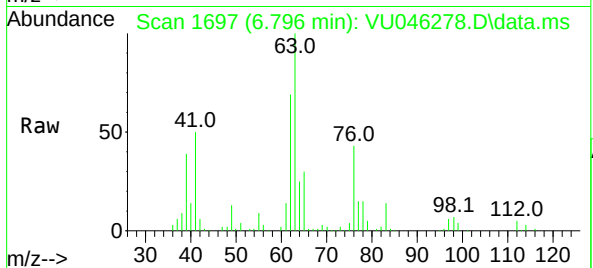
ClientSampleId :

Tgt Ion: 63 Resp: 92860

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 58.528 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

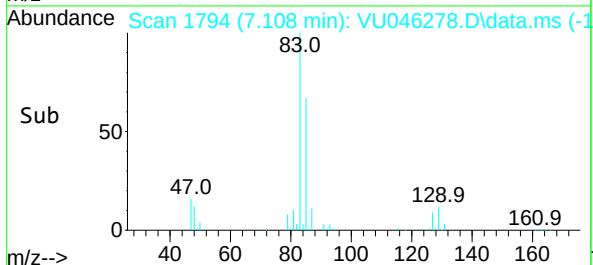
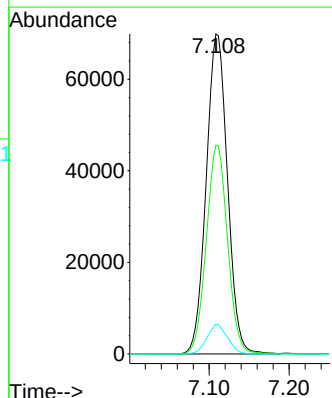
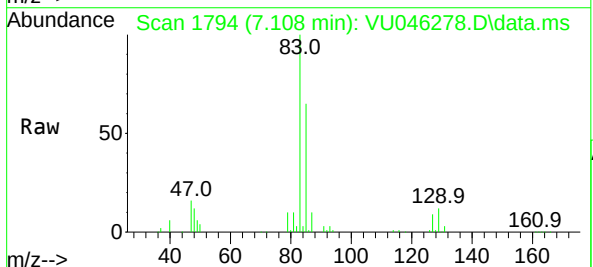
Tgt Ion: 83 Resp: 129282

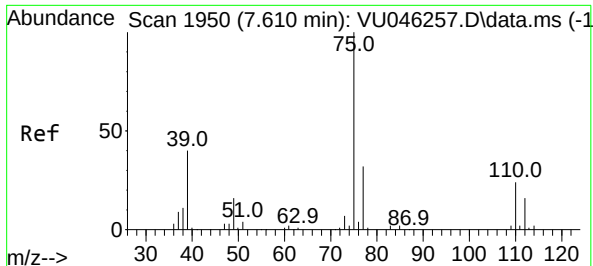
Ion Ratio Lower Upper

83 100

85 65.2 44.4 82.5

127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 57.653 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

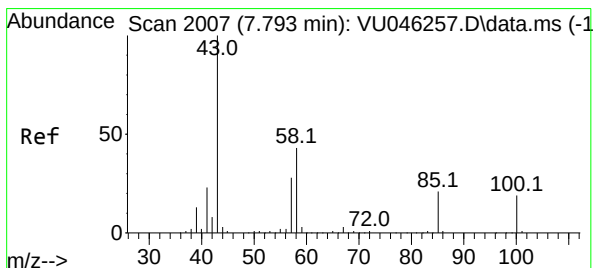
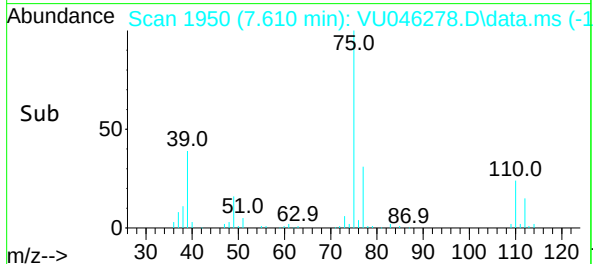
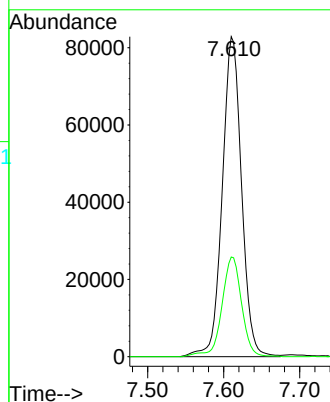
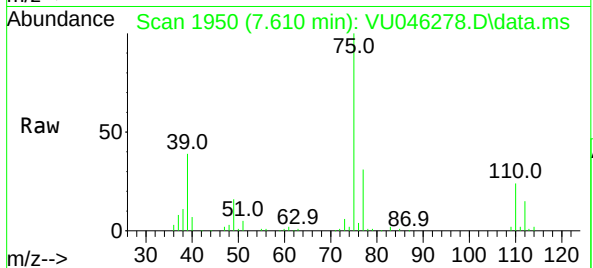
ClientSampleId :

Tgt Ion: 75 Resp: 145759

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 111.152 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

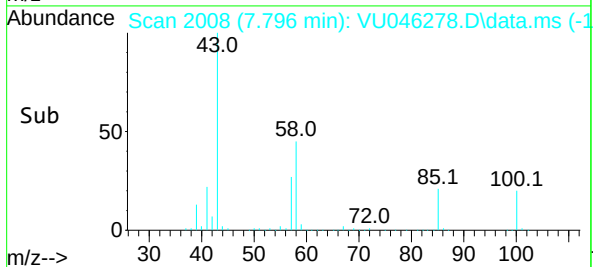
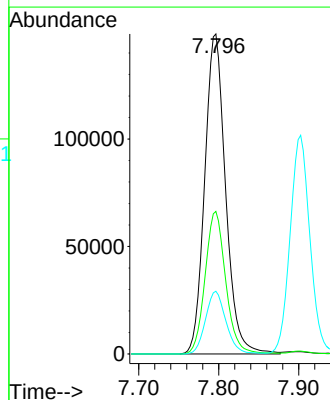
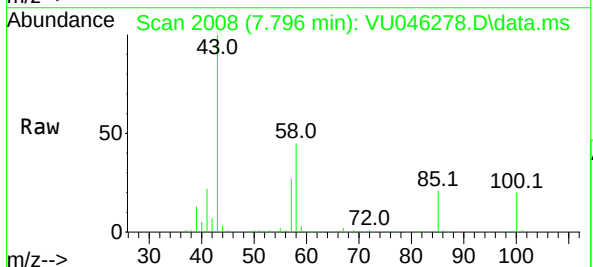
Tgt Ion: 43 Resp: 271400

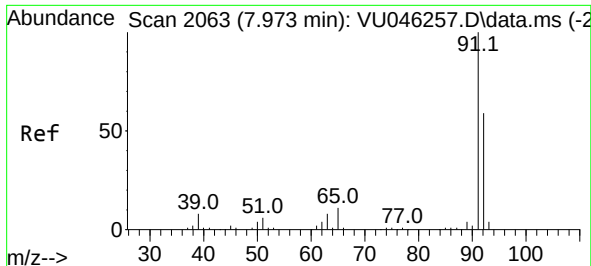
Ion Ratio Lower Upper

43 100

58 43.9 34.2 51.4

100 19.2 14.5 21.7

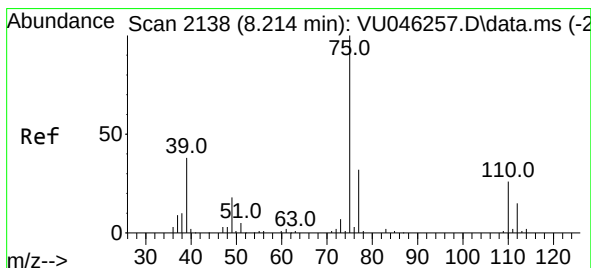
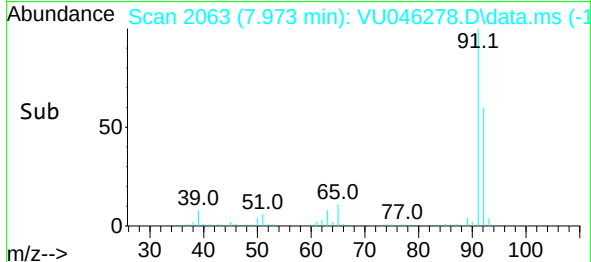
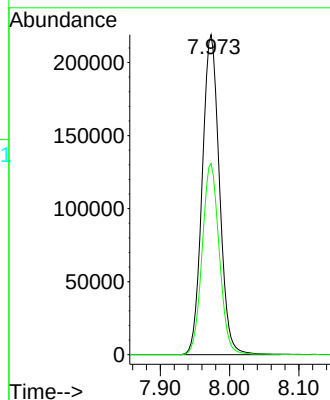
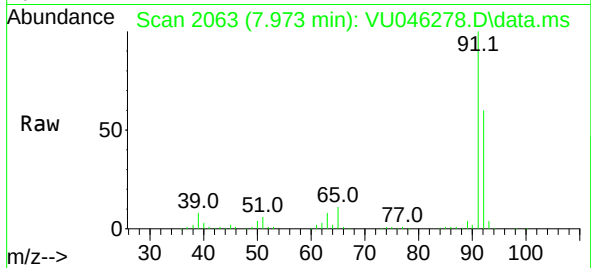




#42
Toluene
Concen: 55.501 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

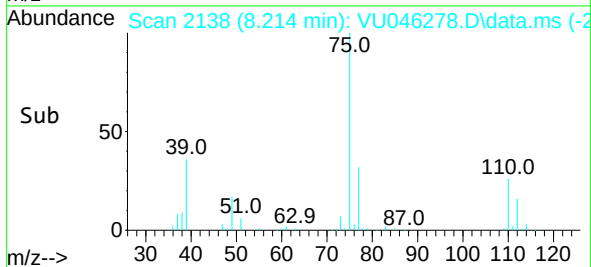
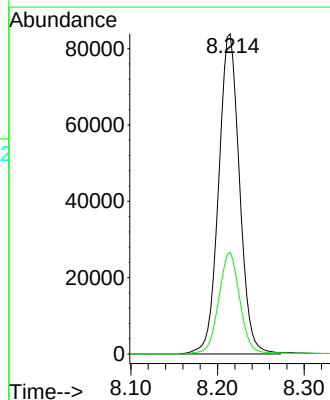
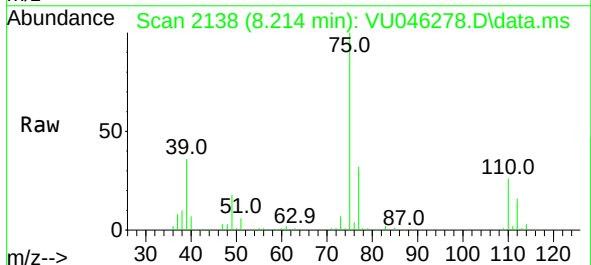
Instrument :
MSVOA_U
ClientSampleId :

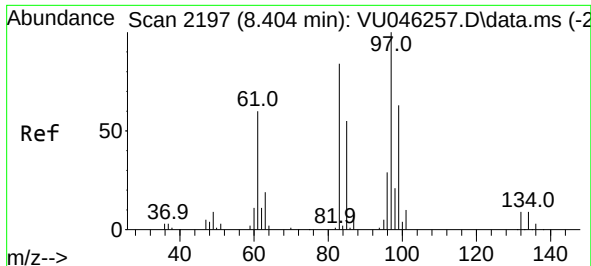
Tgt Ion: 91 Resp: 377812
Ion Ratio Lower Upper
91 100
92 59.8 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 56.469 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

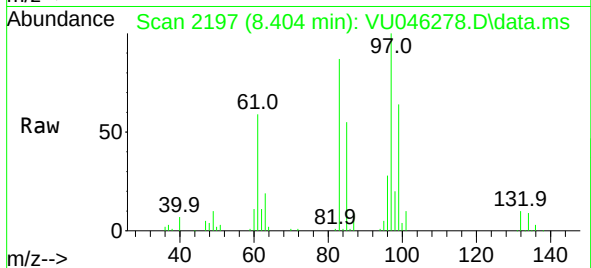
Tgt Ion: 75 Resp: 140218
Ion Ratio Lower Upper
75 100
77 31.7 21.7 40.3



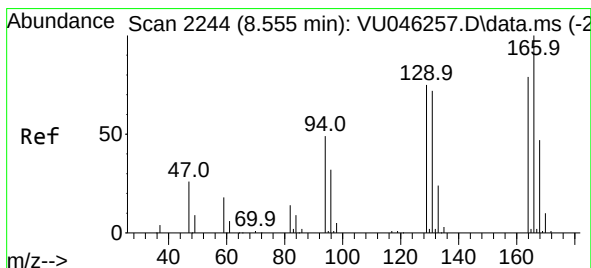
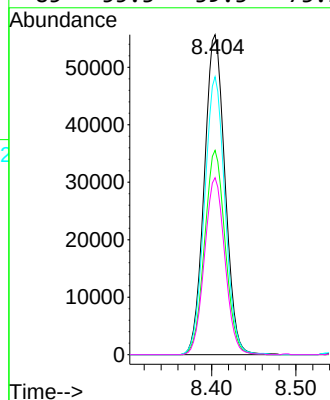
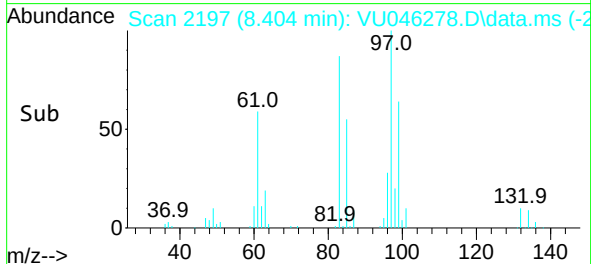


#45
1,1,2-Trichloroethane
Concen: 57.305 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

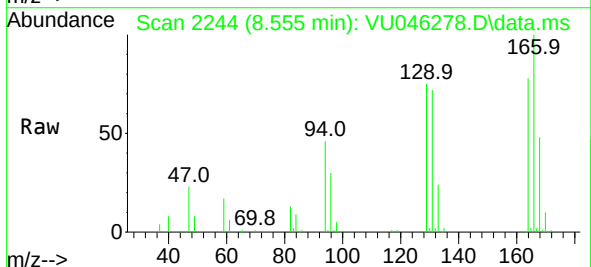
Instrument :
MSVOA_U
ClientSampleId :



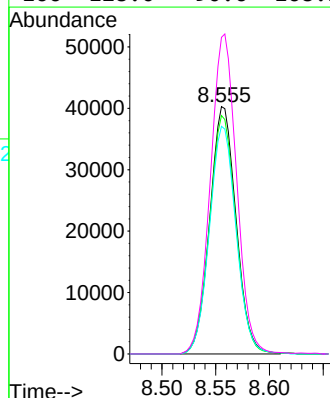
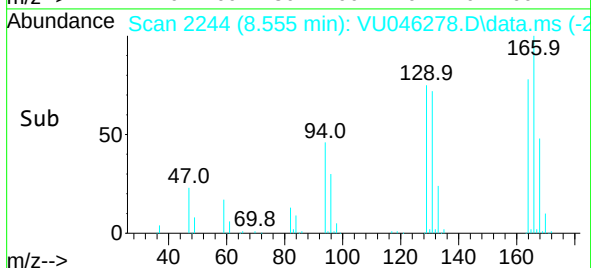
Tgt Ion: 97	Resp: 95544
Ion Ratio	Lower Upper
97 100	
99 63.8	44.7 82.9
83 86.8	60.2 111.8
85 55.3	39.3 73.1

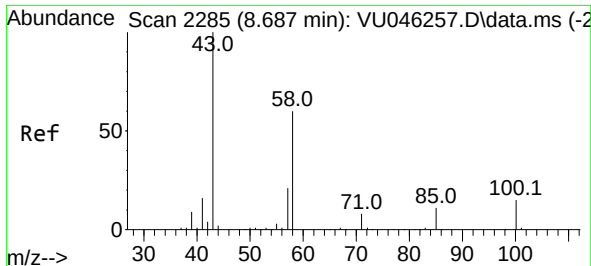


#46
Tetrachloroethene
Concen: 55.724 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53



Tgt Ion:164	Resp: 68440
Ion Ratio	Lower Upper
164 100	
129 96.4	71.1 132.1
131 92.1	67.8 126.0
166 128.0	90.6 168.2

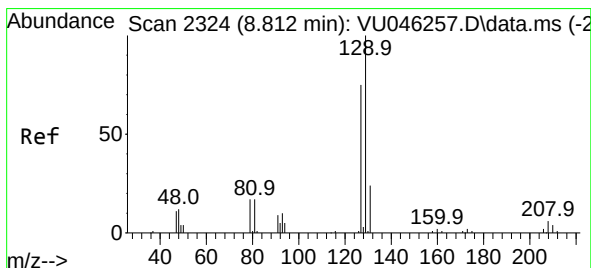
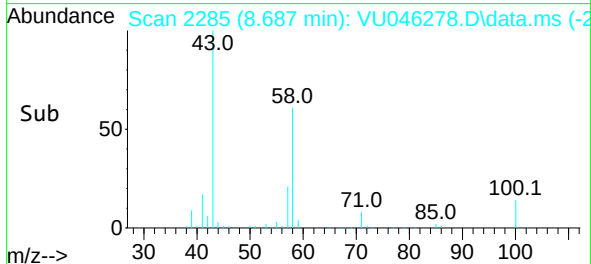
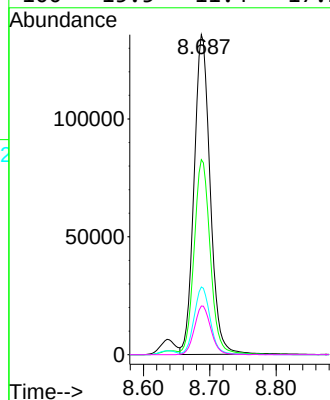
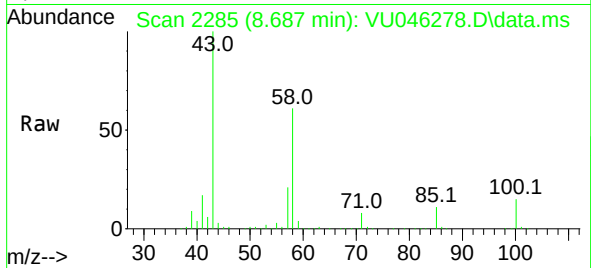




#48
2-Hexanone
Concen: 104.957 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

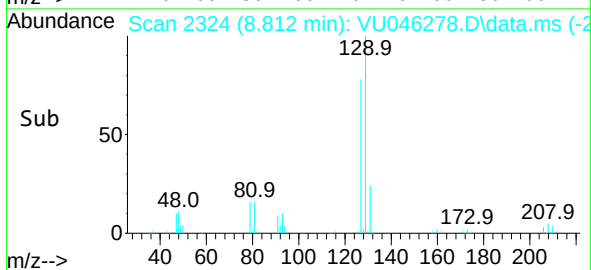
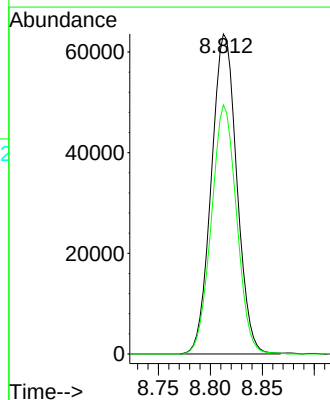
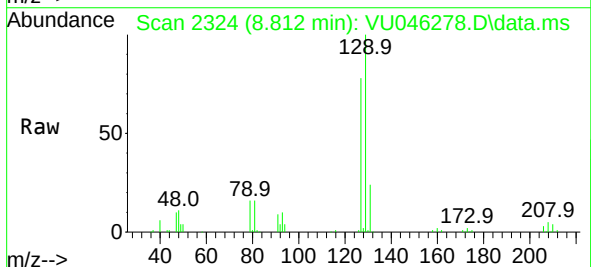
Instrument :
MSVOA_U
ClientSampleId :

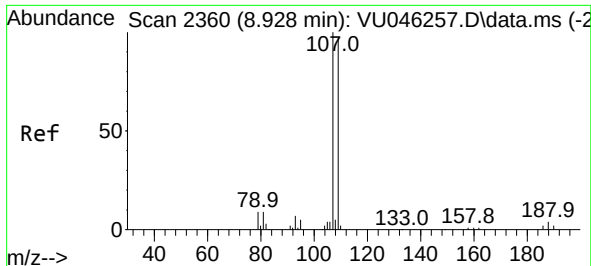
Tgt Ion: 43 Resp: 229191
Ion Ratio Lower Upper
43 100
58 60.6 47.4 71.2
57 21.2 16.6 25.0
100 15.5 11.4 17.2



#49
Dibromochloromethane
Concen: 61.865 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Tgt Ion: 129 Resp: 108315
Ion Ratio Lower Upper
129 100
127 77.8 55.6 103.4





#50

1,2-Dibromoethane

Concen: 54.557 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

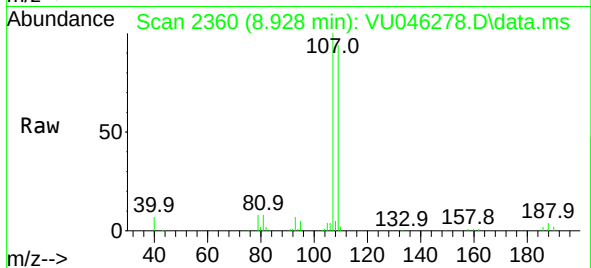
Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

ClientSampleId :



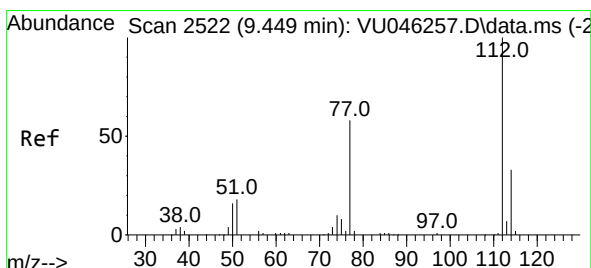
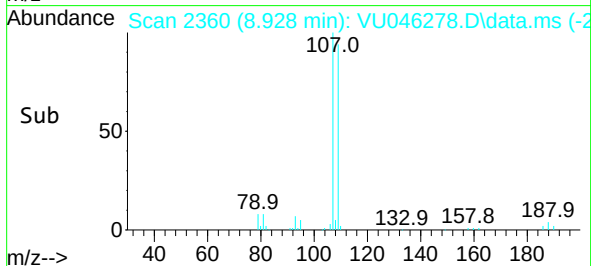
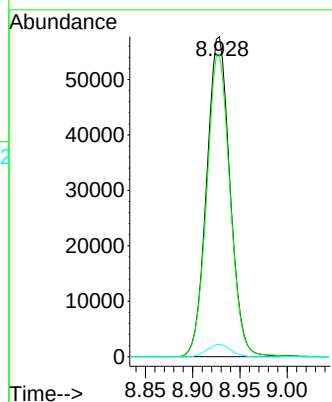
Tgt Ion:107 Resp: 98619

Ion Ratio Lower Upper

107 100

109 94.5 64.9 120.5

188 3.9 2.6 3.8#



#51

Chlorobenzene

Concen: 56.519 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

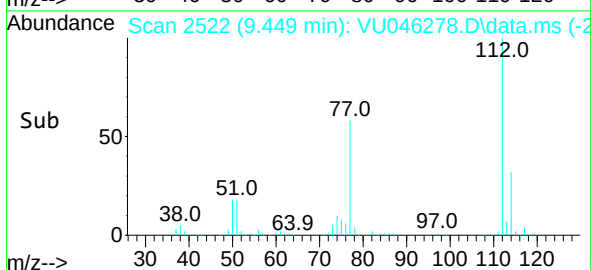
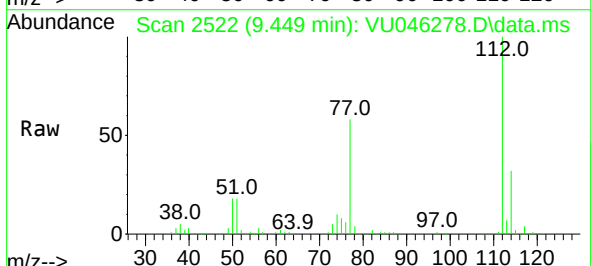
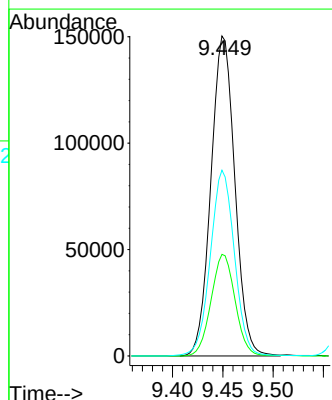
Tgt Ion:112 Resp: 248911

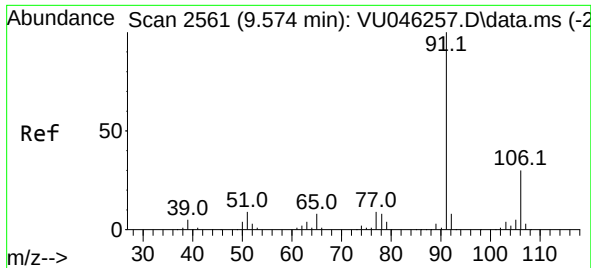
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 58.1 47.4 71.0

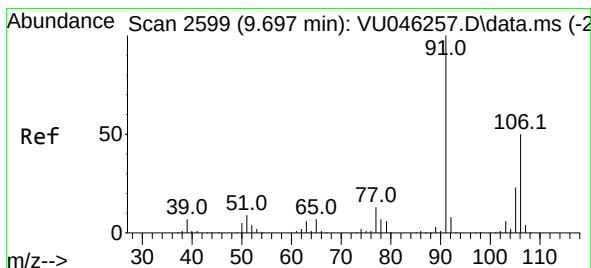
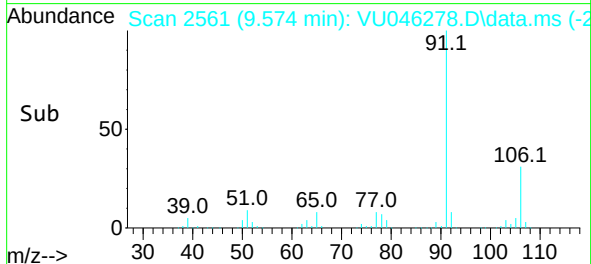
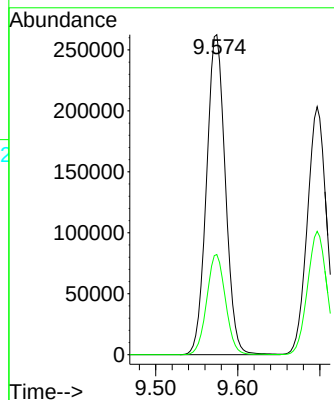
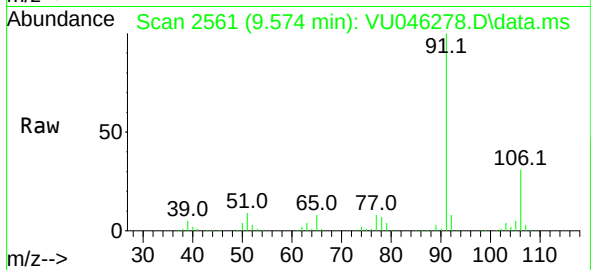




#52
Ethylbenzene
Concen: 57.111 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

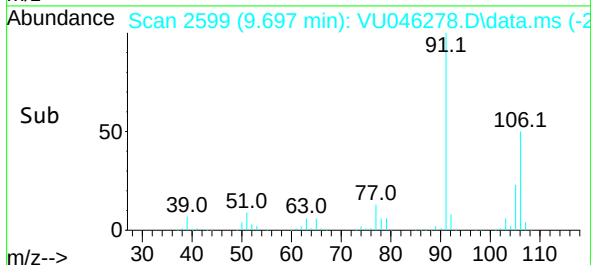
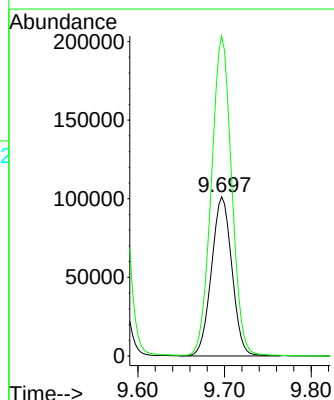
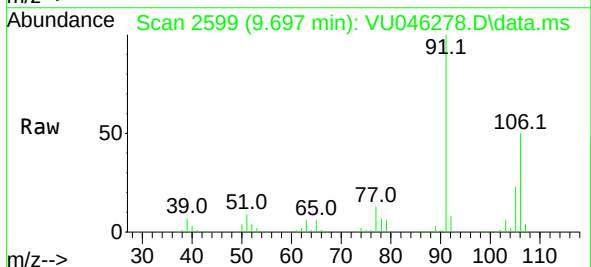
Instrument :
MSVOA_U
ClientSampleId :

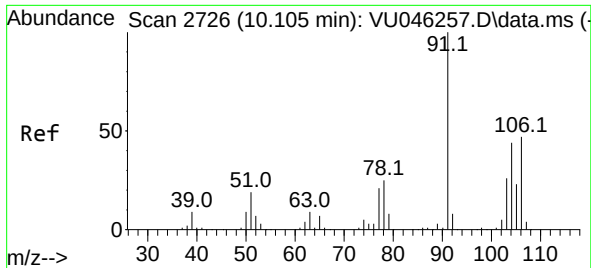
Tgt Ion: 91 Resp: 418402
Ion Ratio Lower Upper
91 100
106 31.3 21.1 39.3



#53
m,p-Xylene
Concen: 58.110 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Tgt Ion:106 Resp: 166027
Ion Ratio Lower Upper
106 100
91 201.0 144.3 268.1

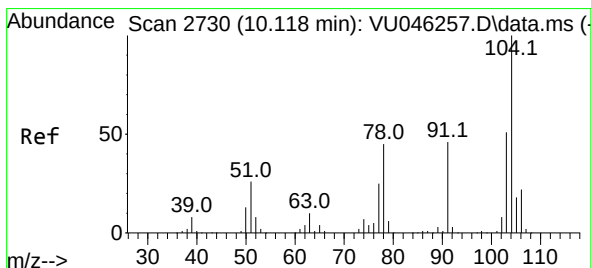
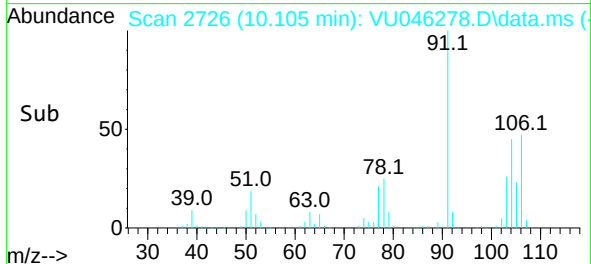
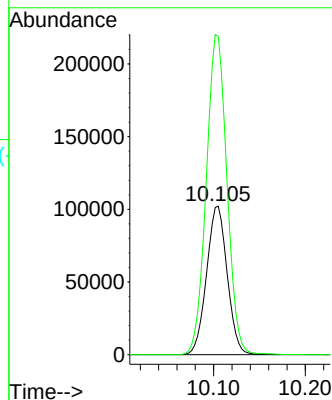
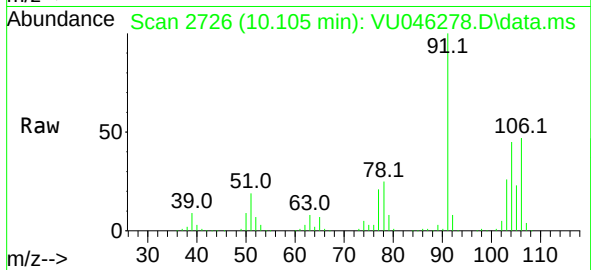




#54
o-xylene
Concen: 57.583 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

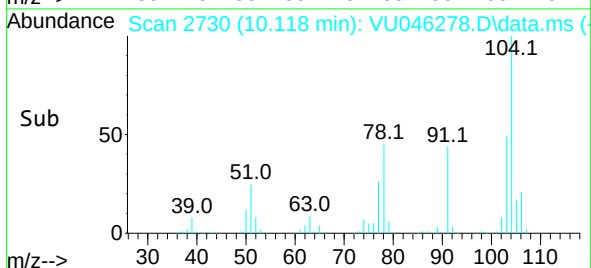
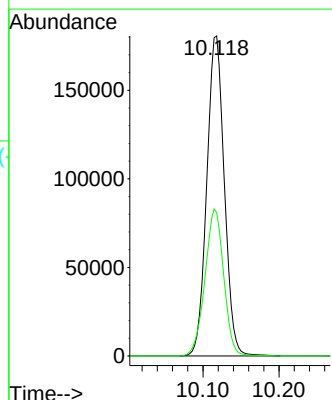
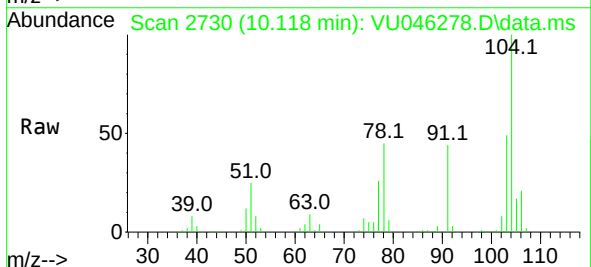
Instrument :
MSVOA_U
ClientSampleId :

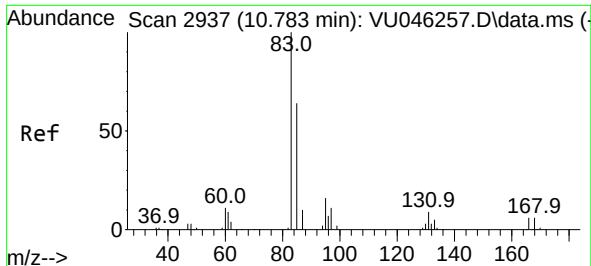
Tgt Ion:106 Resp: 159639
Ion Ratio Lower Upper
106 100
91 214.4 154.2 286.4



#55
Styrene
Concen: 61.166 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Tgt Ion:104 Resp: 289508
Ion Ratio Lower Upper
104 100
78 44.8 32.6 60.5





#57

1,1,2-Tetrachloroethane

Concen: 56.551 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

ClientSampleId :

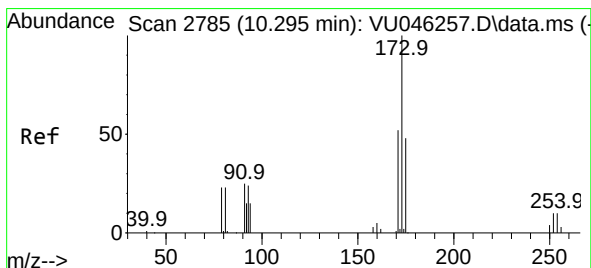
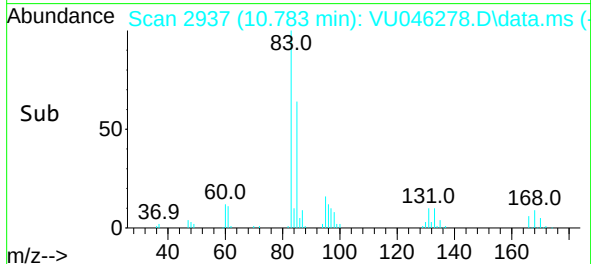
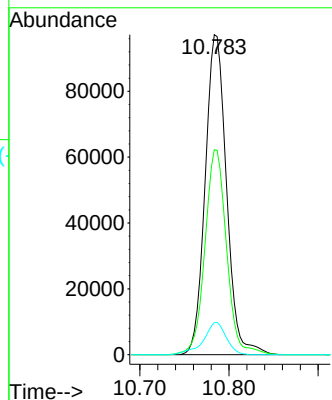
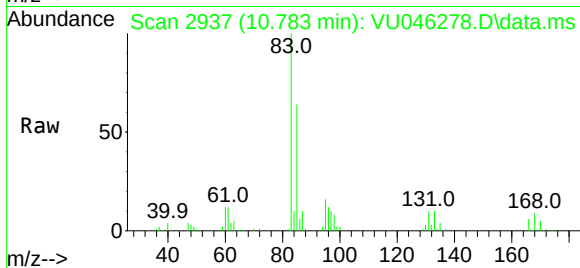
Tgt Ion: 83 Resp: 161650

Ion Ratio Lower Upper

83 100

85 64.0 45.6 84.6

131 10.0 7.8 11.6



#59

Bromoform

Concen: 59.456 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

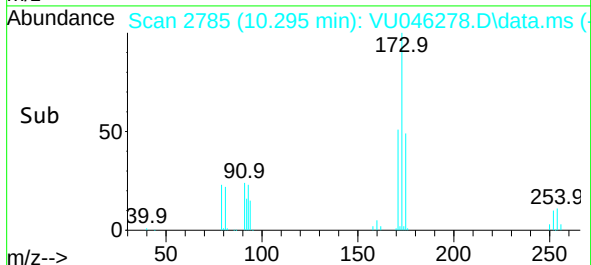
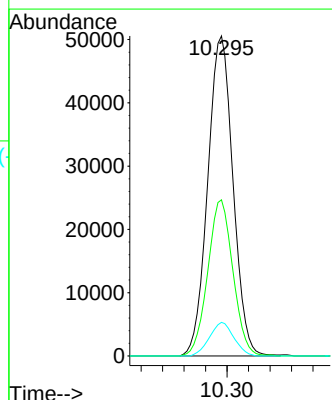
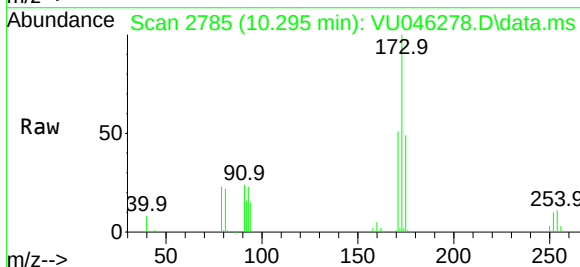
Tgt Ion:173 Resp: 82499

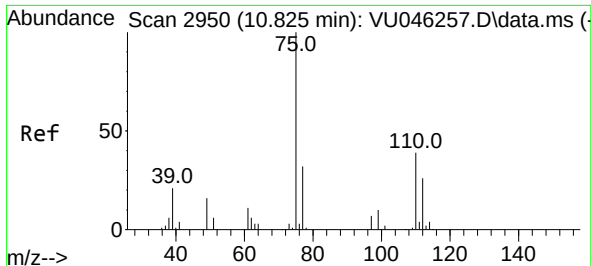
Ion Ratio Lower Upper

173 100

175 48.6 39.2 58.8

254 10.1 7.4 11.2

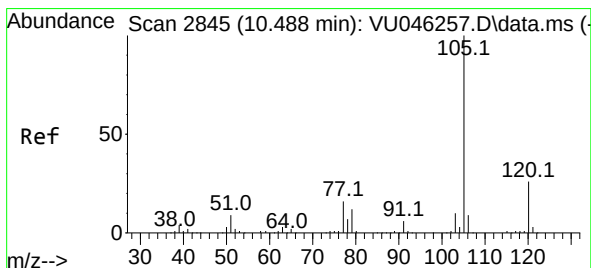
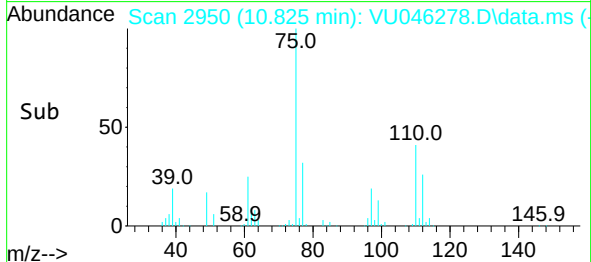
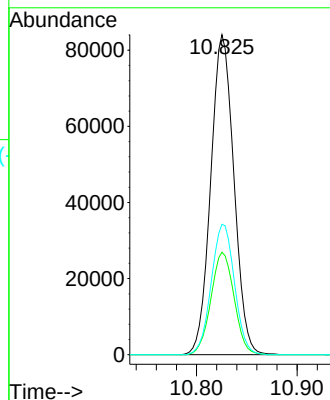
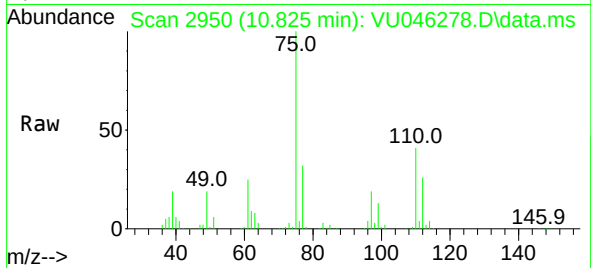




#60
1,2,3-Trichloropropane
Concen: 51.862 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

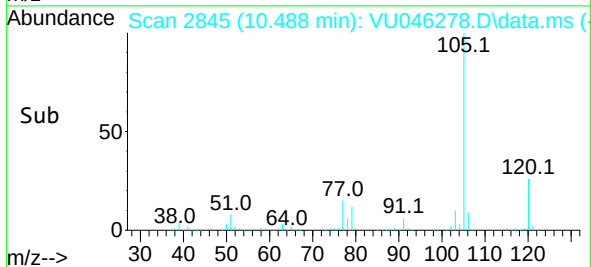
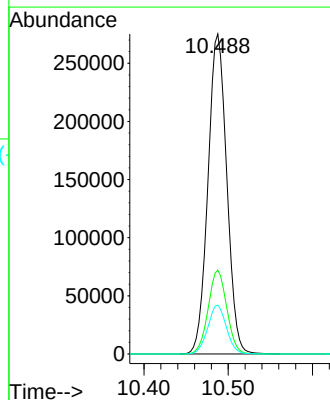
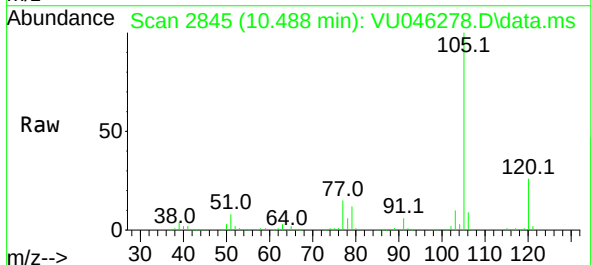
Instrument :
MSVOA_U
ClientSampleId :

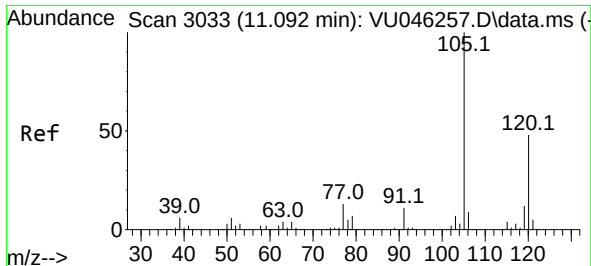
Tgt Ion: 75 Resp: 134469
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 40.9 32.4 48.6



#61
Isopropylbenzene
Concen: 55.497 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Tgt Ion: 105 Resp: 427092
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.1 12.2 18.4

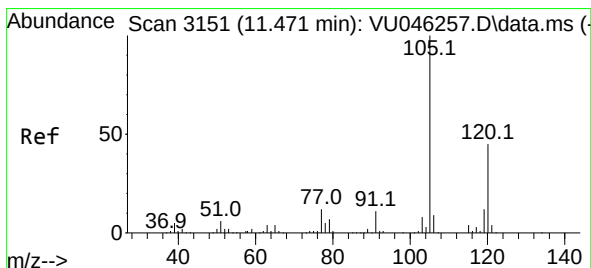
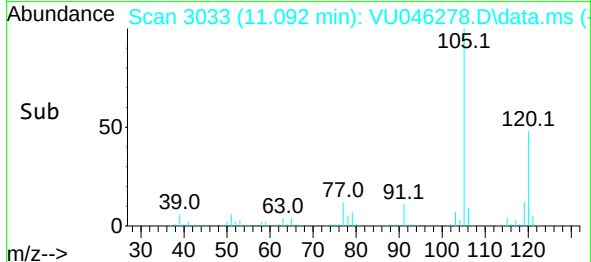
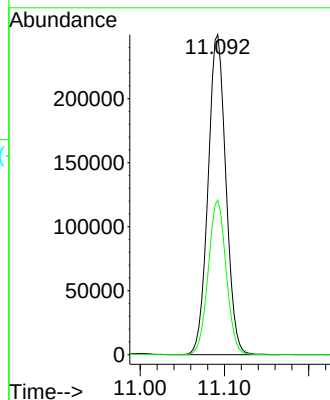
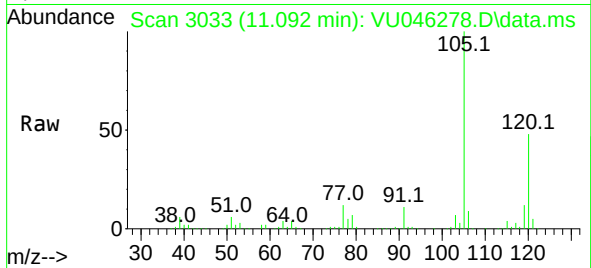




#62
 1,3,5-Trimethylbenzene
 Concen: 57.460 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.000 min
 Lab File: VU046278.D
 Acq: 11 Dec 2021 11:53

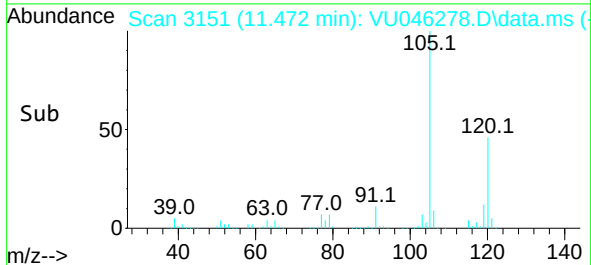
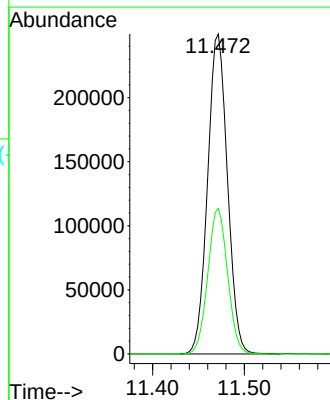
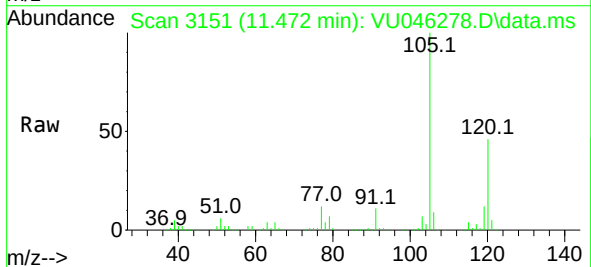
Instrument :
 MSVOA_U
 ClientSampleId :

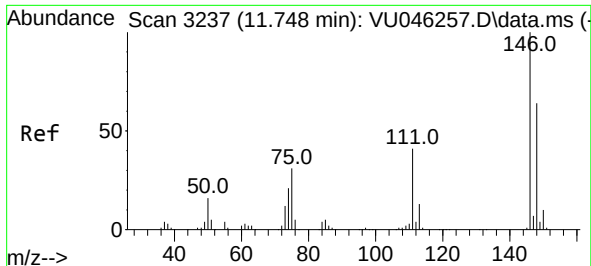
Tgt Ion:105 Resp: 368580
 Ion Ratio Lower Upper
 105 100
 120 48.5 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 58.419 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VU046278.D
 Acq: 11 Dec 2021 11:53

Tgt Ion:105 Resp: 374915
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.2 52.8

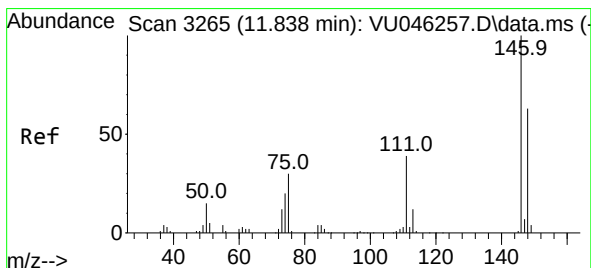
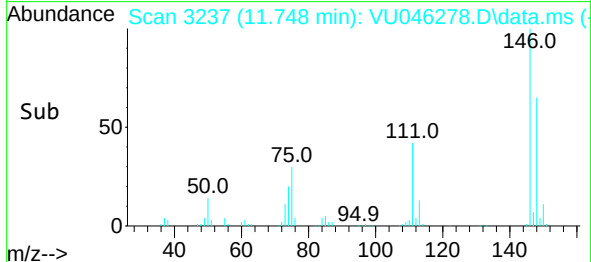
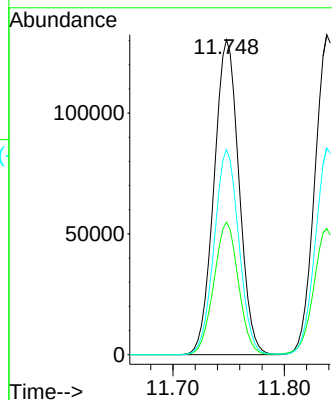
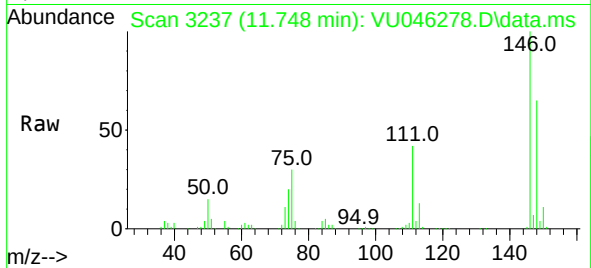




#64
1,3-Dichlorobenzene
Concen: 55.574 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

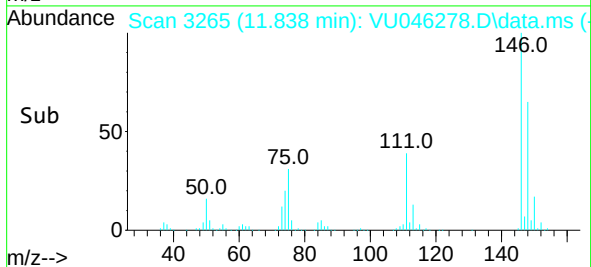
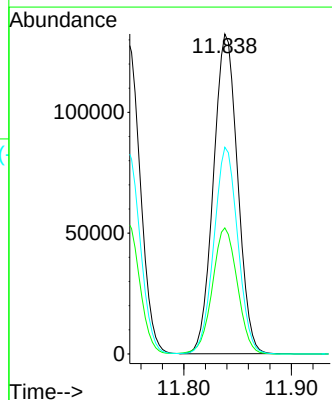
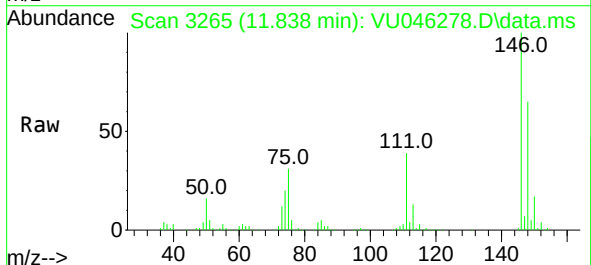
Instrument :
MSVOA_U
ClientSampleId :

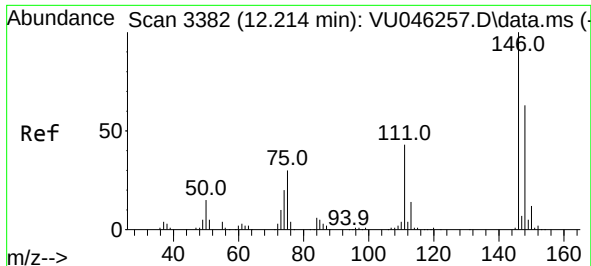
Tgt Ion:146 Resp: 203157
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 65.1 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 54.740 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Tgt Ion:146 Resp: 206810
Ion Ratio Lower Upper
146 100
111 39.4 28.3 52.7
148 64.6 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 55.023 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

Instrument :

MSVOA_U

ClientSampleId :

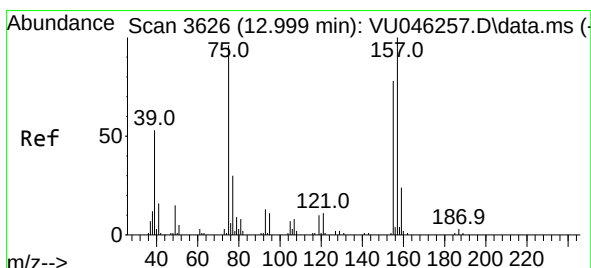
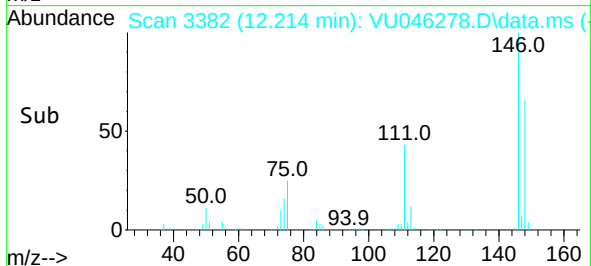
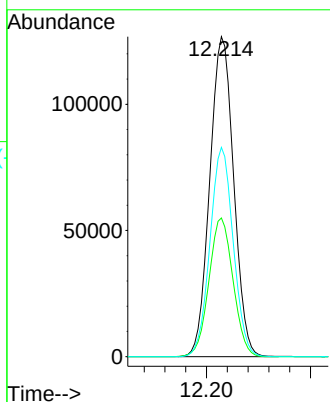
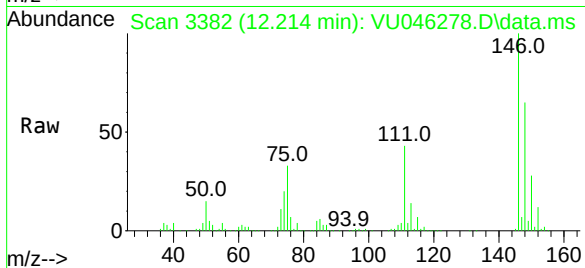
Tgt Ion:146 Resp: 202554

Ion Ratio Lower Upper

146 100

111 43.3 35.7 53.5

148 65.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 57.136 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046278.D

Acq: 11 Dec 2021 11:53

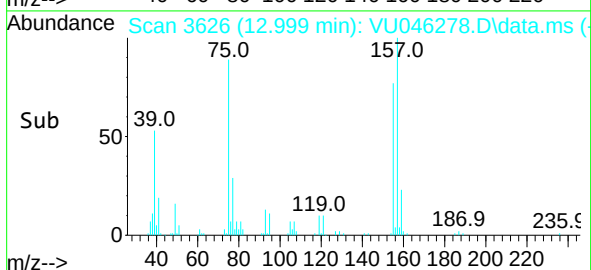
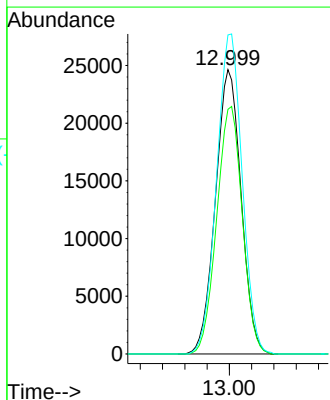
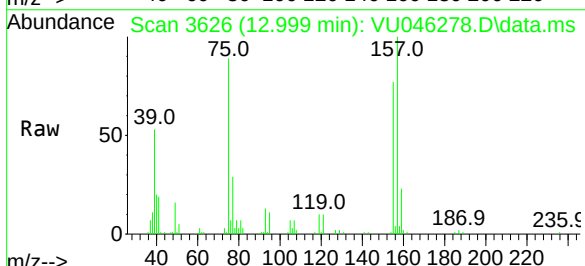
Tgt Ion: 75 Resp: 39465

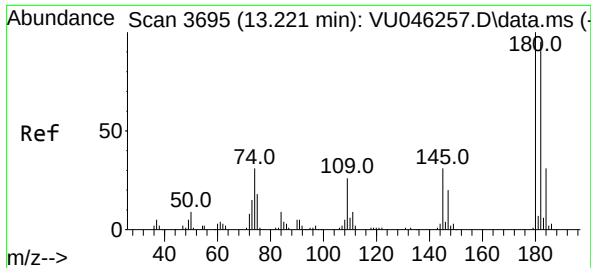
Ion Ratio Lower Upper

75 100

155 86.1 64.9 97.3

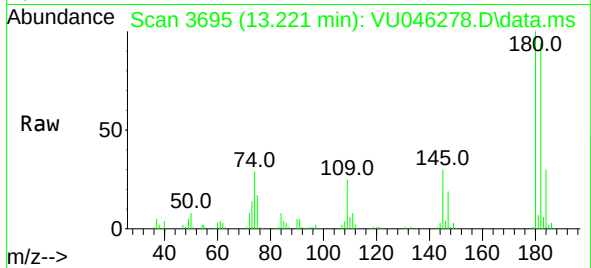
157 112.2 81.9 122.9



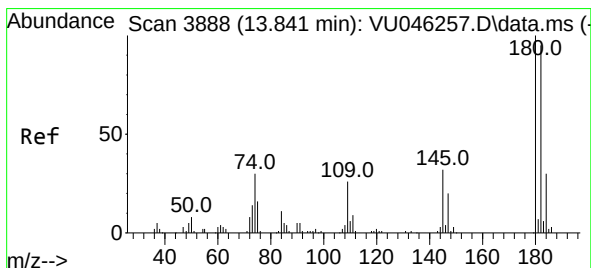
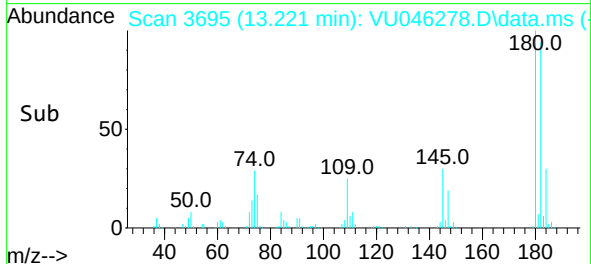
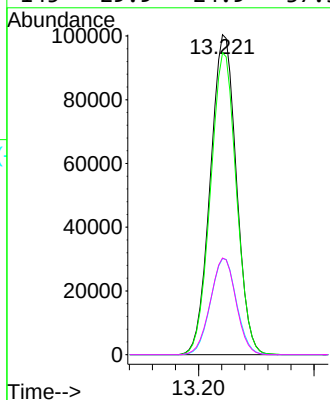


#69
 1,3,5-Trichlorobenzene
 Concen: 58.838 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046278.D
 Acq: 11 Dec 2021 11:53

Instrument :
 MSVOA_U
 ClientSampleId :

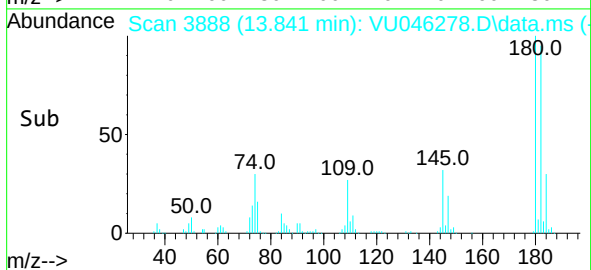
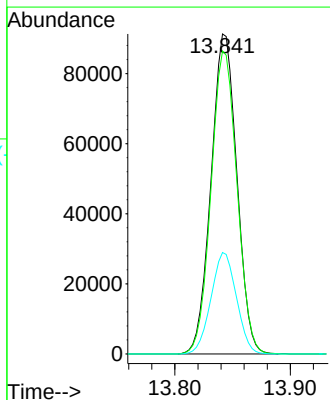
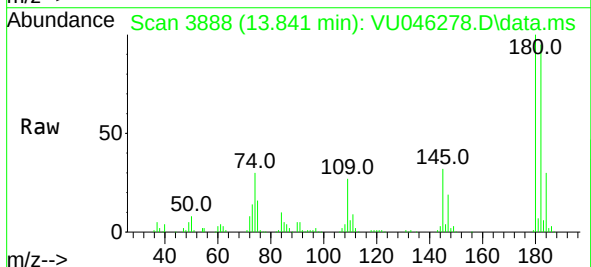


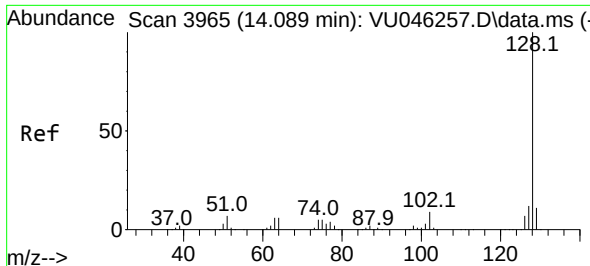
Tgt Ion:180 Resp: 156721
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.9 113.9
 184 30.0 24.2 36.4
 145 29.9 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 59.955 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046278.D
 Acq: 11 Dec 2021 11:53

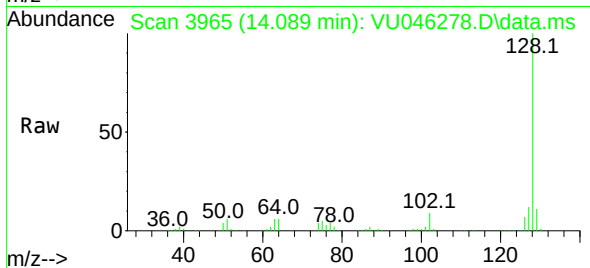
Tgt Ion:180 Resp: 141714
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.7 115.1
 145 31.2 26.0 39.0



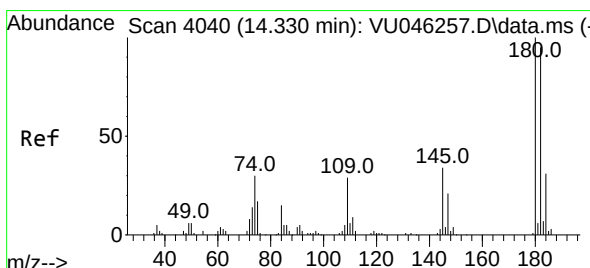
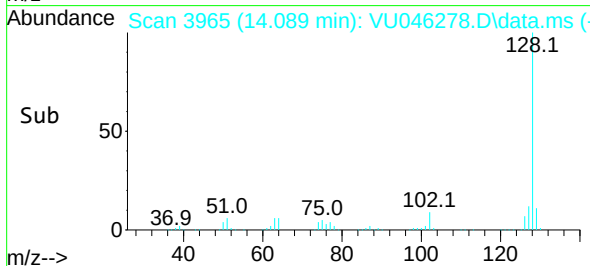
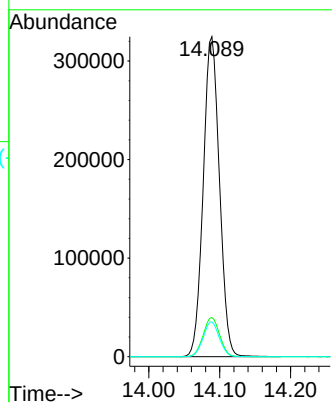


#71
Naphthalene
Concen: 62.652 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 515321
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 60.929 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU046278.D
Acq: 11 Dec 2021 11:53

Tgt Ion:180 Resp: 146858
Ion Ratio Lower Upper
180 100
182 95.6 76.0 114.0
145 32.7 27.3 40.9

