

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046255.D
 Acq On : 10 Dec 2021 04:46
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:26:53 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	167526	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	174235	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99837	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	68905	49.931	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.860%
7) Chloroethane-d5	1.919	69	50244	47.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.840%
11) 1,1-Dichloroethene-d2	2.575	63	117783	47.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.080%
21) 2-Butanone-d5	4.639	46	107653	98.132	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.130%
24) Chloroform-d	5.070	84	115587	50.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.320%
26) 1,2-Dichloroethane-d4	5.707	65	76768	49.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.280%
32) Benzene-d6	5.732	84	240169	48.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.180%
36) 1,2-Dichloropropane-d6	6.694	67	74513	48.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	7.899	98	223440	49.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.280%
43) trans-1,3-Dichloroprop...	8.182	79	38382	51.373	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.740%
47) 2-Hexanone-d5	8.636	63	76865	104.747	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	119796	51.039	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	90249	46.939	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	79426	43.577	ug/L	99
3) Chloromethane	1.523	50	70994	43.548	ug/L	100
5) Vinyl chloride	1.607	62	77194	46.961	ug/L	99
6) Bromomethane	1.864	94	45436	48.768	ug/L	97
8) Chloroethane	1.941	64	45395	47.697	ug/L	100
9) Trichlorofluoromethane	2.144	101	110397	51.442	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	62412	51.200	ug/L	97
12) 1,1-Dichloroethene	2.588	96	58186	50.232	ug/L	89
13) Acetone	2.658	43	76888	56.080	ug/L	96
14) Carbon disulfide	2.800	76	163749	45.564	ug/L	100
15) Methyl Acetate	2.957	43	78175	48.912	ug/L	98
16) Methylene chloride	3.051	84	71444	51.840	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	62444	50.940	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	201175	53.252	ug/L	100
19) 1,1-Dichloroethane	3.877	63	117574	52.751	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	71932	54.080	ug/L	97
22) 2-Butanone	4.719	43	114121	76.462	ug/L	96
23) Bromochloromethane	4.980	128	36818	54.807	ug/L	88
25) Chloroform	5.092	83	135943	54.895	ug/L	99

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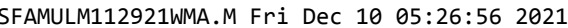
Instrument :
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 ClientSampleId :

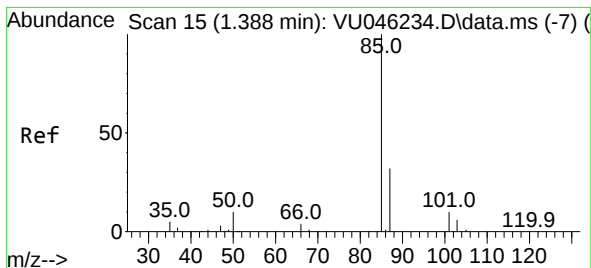
Quant Time: Dec 10 05:26:53 2021
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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	96267	52.386	ug/L	100
29) Cyclohexane	5.395	56	91854	45.274	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	111669	52.212	ug/L	99
31) Carbon tetrachloride	5.530	117	97314	53.596	ug/L	99
33) Benzene	5.777	78	265723	50.389	ug/L	100
34) Trichloroethene	6.546	95	71899	51.754	ug/L	99
35) Methylcyclohexane	6.768	83	99606	46.240	ug/L	99
37) 1,2-Dichloropropane	6.793	63	70512	51.043	ug/L	99
38) Bromodichloromethane	7.108	83	101614	55.342	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	111050	52.842	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	205817	101.406	ug/L	98
42) Toluene	7.973	91	296024	52.315	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	108622	52.626	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	72424	52.257	ug/L	98
46) Tetrachloroethene	8.555	164	52009	50.943	ug/L	96
48) 2-Hexanone	8.687	43	165945	91.422	ug/L	99
49) Dibromochloromethane	8.813	129	85008	58.410	ug/L	100
50) 1,2-Dibromoethane	8.925	107	78906	52.514	ug/L	99
51) Chlorobenzene	9.449	112	189185	51.679	ug/L	99
52) Ethylbenzene	9.571	91	319580	52.478	ug/L	99
53) m,p-Xylene	9.697	106	124818	52.556	ug/L	98
54) o-xylene	10.102	106	123298	53.504	ug/L	99
55) Styrene	10.115	104	222934	56.663	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	125776	52.935	ug/L	98
59) Bromoform	10.292	173	66832	57.063	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	105323	48.125	ug/L	99
61) Isopropylbenzene	10.488	105	323736	49.838	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	268391	49.571	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	272310	50.270	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	157347	50.994	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	159959	50.161	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	153265	49.324	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	31973	54.840	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	108011	48.042	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	98325	49.283	ug/L	99
71) Naphthalene	14.086	128	381107	54.894	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	105339	51.777	ug/L	99

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

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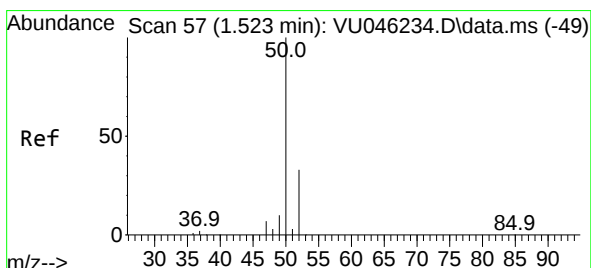
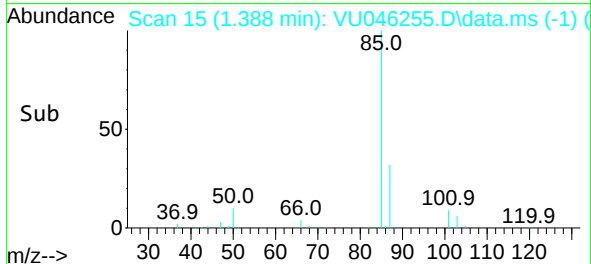
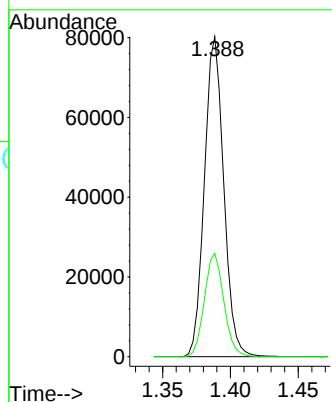
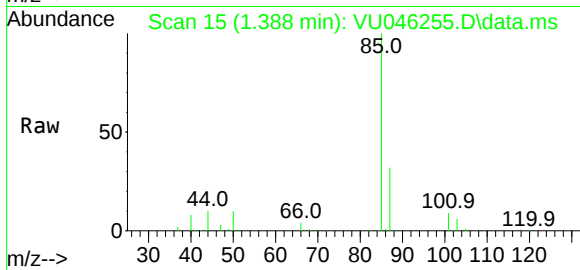




#2
Dichlorodifluoromethane
Concen: 43.577 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

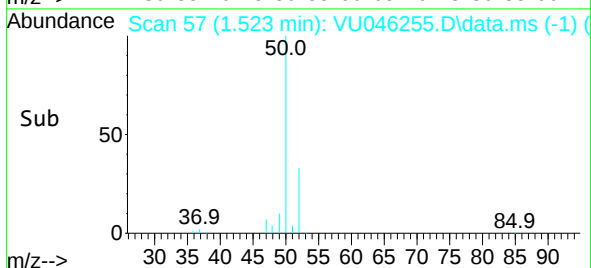
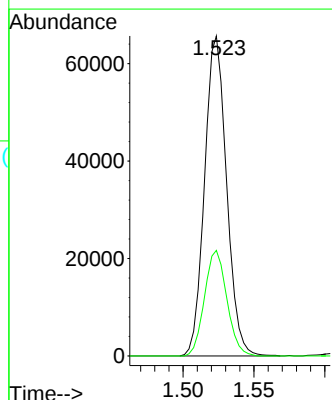
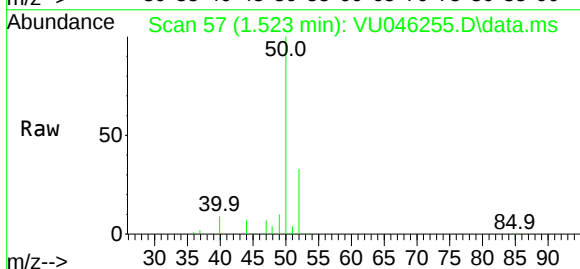
Instrument :
MSVOA_U
ClientSampleId :

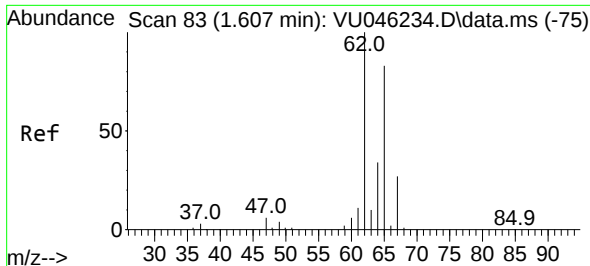
Tgt Ion: 85 Resp: 79426
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 43.548 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion: 50 Resp: 70994
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

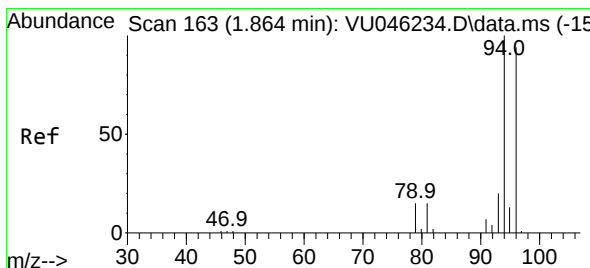
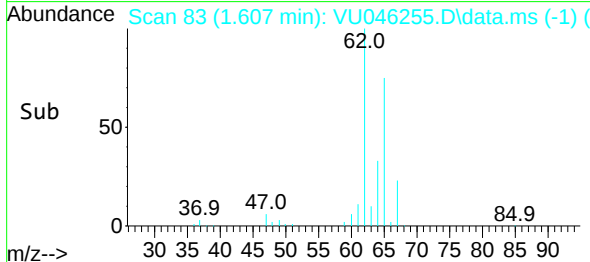
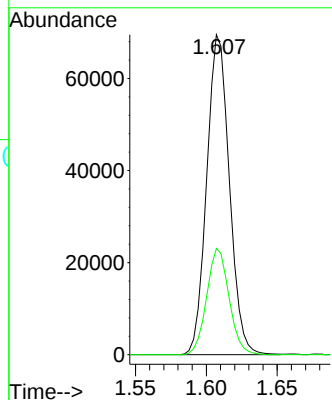
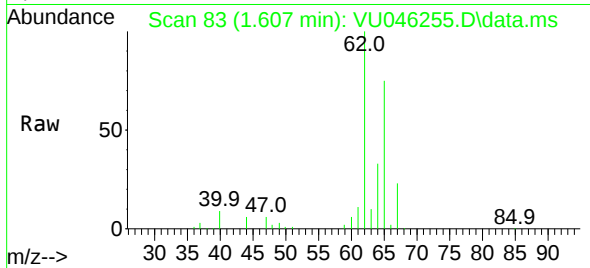




#5
 Vinyl chloride
 Concen: 46.961 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046255.D
 Acq: 10 Dec 2021 04:46

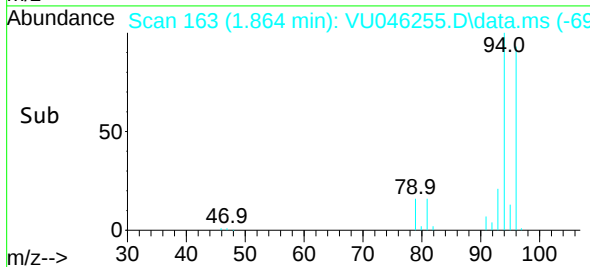
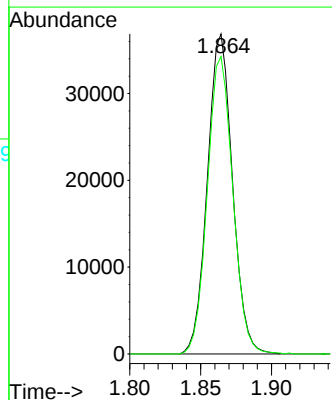
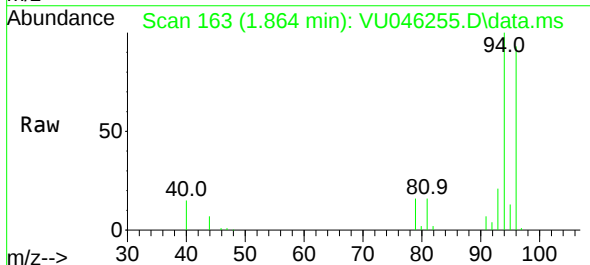
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 ClientSampleId :

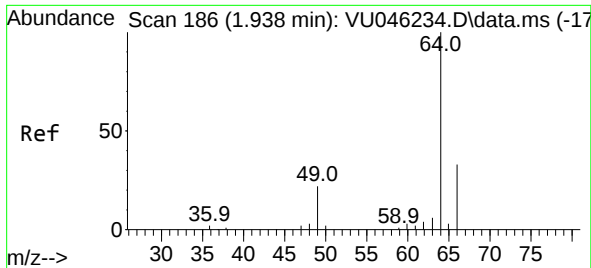
Tgt Ion: 62 Resp: 77194
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 48.768 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046255.D
 Acq: 10 Dec 2021 04:46

Tgt Ion: 94 Resp: 45436
 Ion Ratio Lower Upper
 94 100
 96 92.9 67.4 125.2

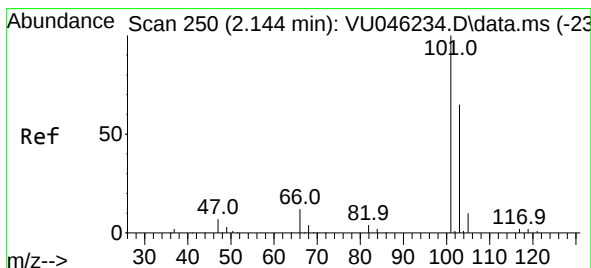
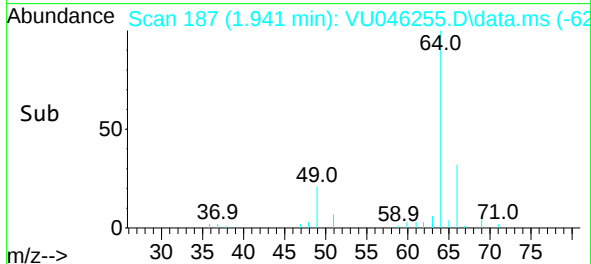
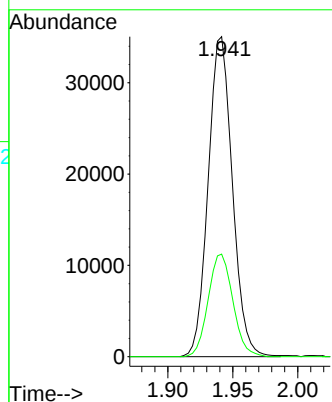
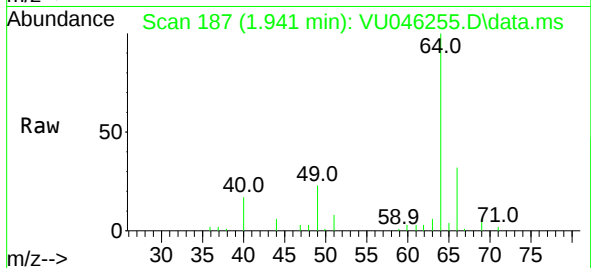




#8
Chloroethane
Concen: 47.697 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

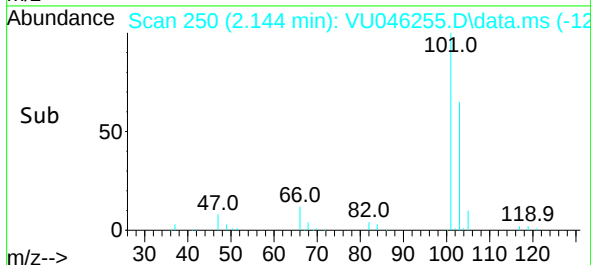
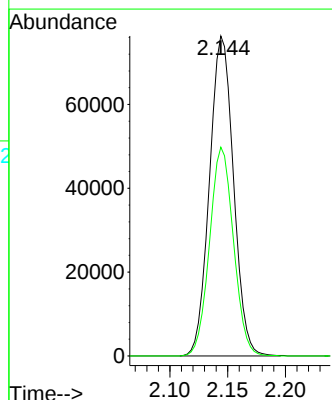
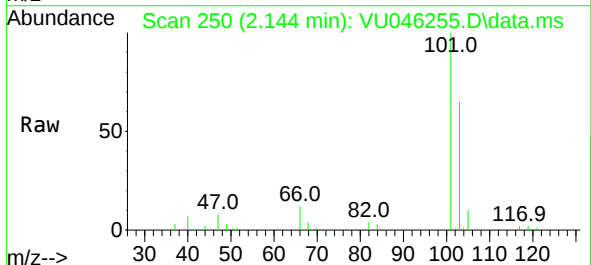
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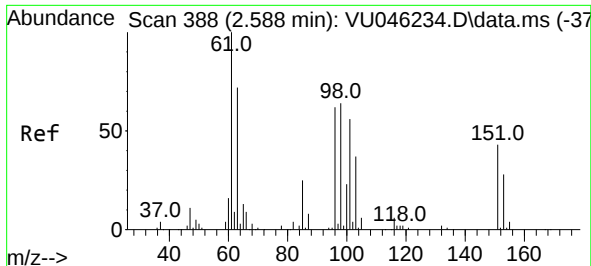
Tgt Ion: 64 Resp: 45395
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 51.442 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion:101 Resp: 110397
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

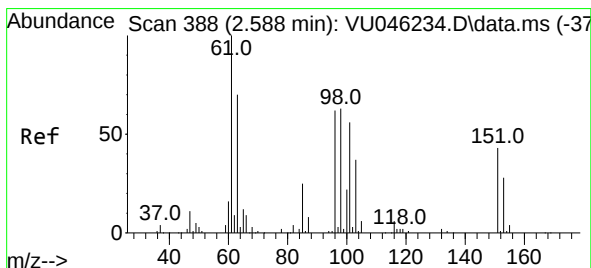
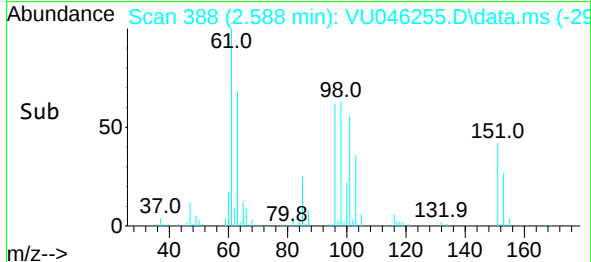
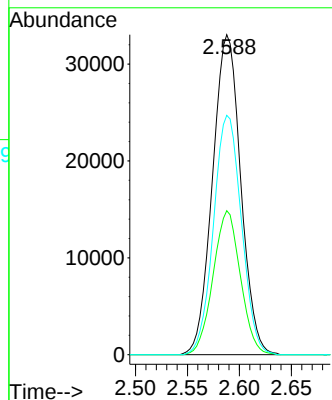
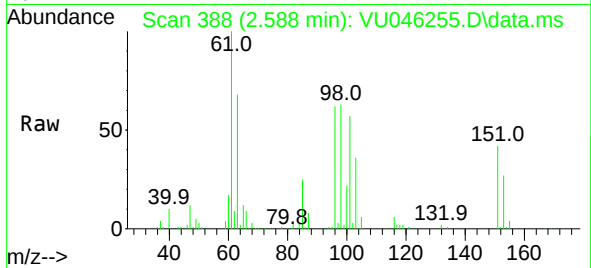




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.200 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046255.D
 Acq: 10 Dec 2021 04:46

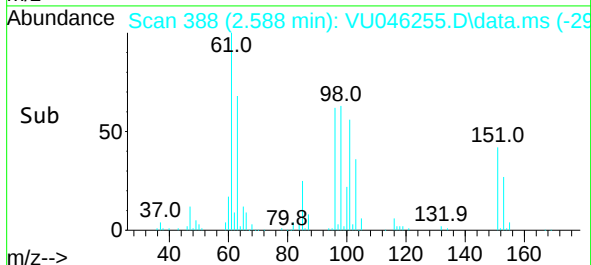
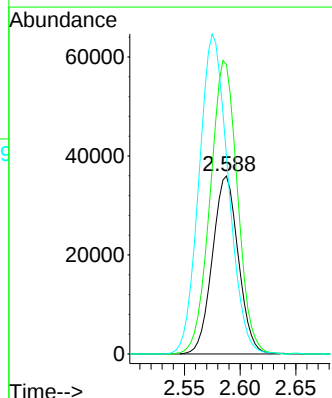
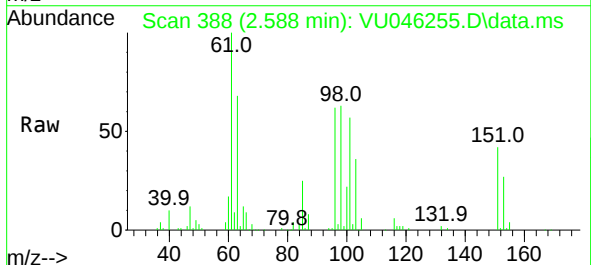
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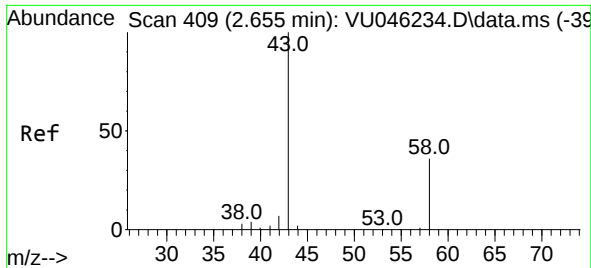
Tgt Ion:101 Resp: 62412
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.1 52.7
 151 74.1 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 50.232 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU046255.D
 Acq: 10 Dec 2021 04:46

Tgt Ion: 96 Resp: 58186
 Ion Ratio Lower Upper
 96 100
 61 162.6 118.6 220.2
 63 111.1 93.0 172.8





#13

Acetone

Concen: 56.080 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.003 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Instrument :

MSVOA_U

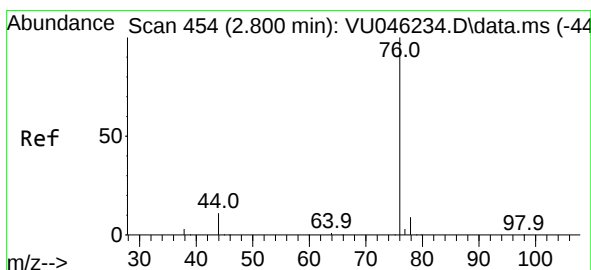
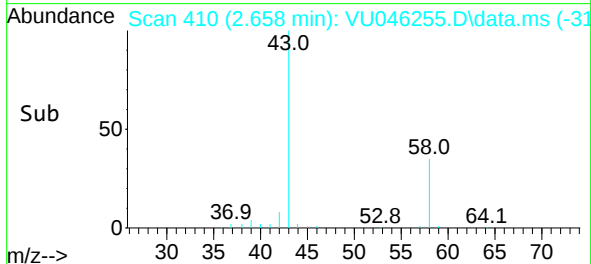
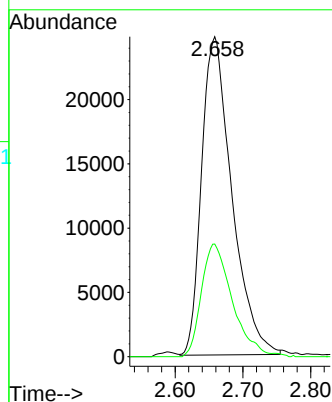
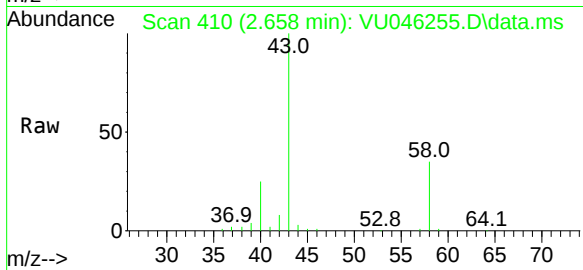
ClientSampleId :

Tgt Ion: 43 Resp: 76888

Ion Ratio Lower Upper

43 100

58 35.8 0.0 66.8



#14

Carbon disulfide

Concen: 45.564 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046255.D

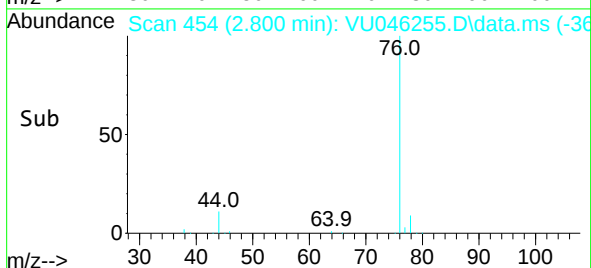
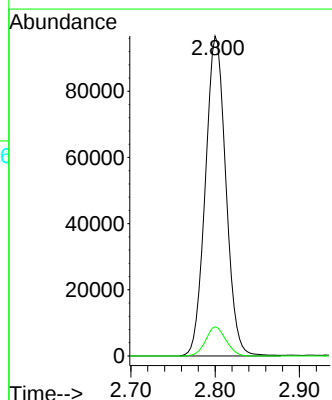
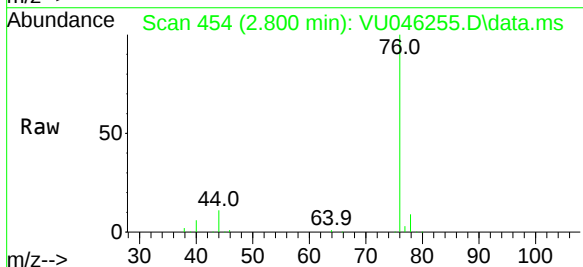
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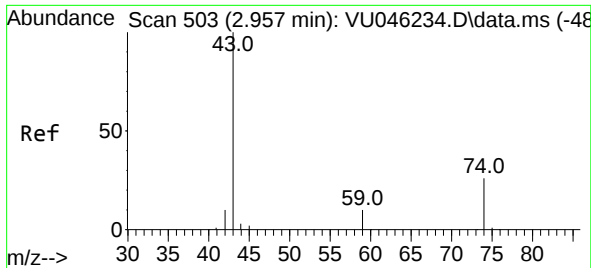
Tgt Ion: 76 Resp: 163749

Ion Ratio Lower Upper

76 100

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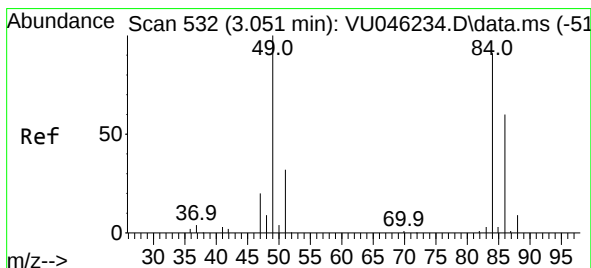
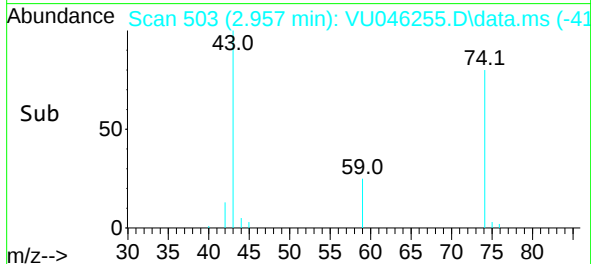
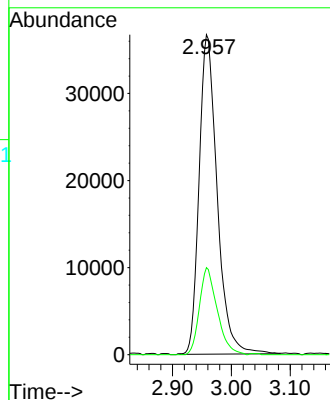
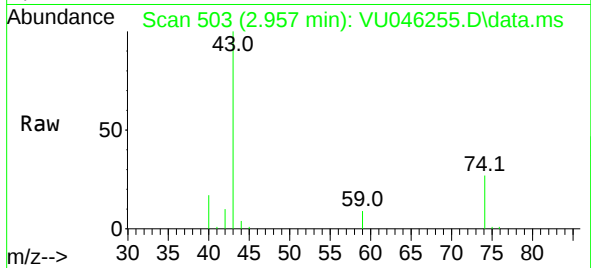




#15
Methyl Acetate
Concen: 48.912 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

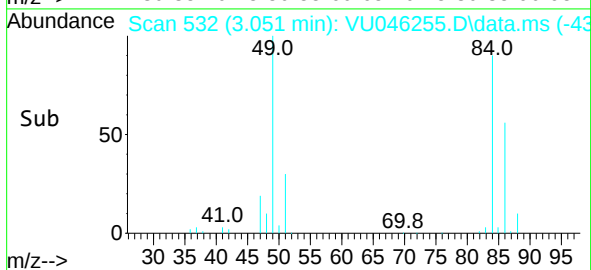
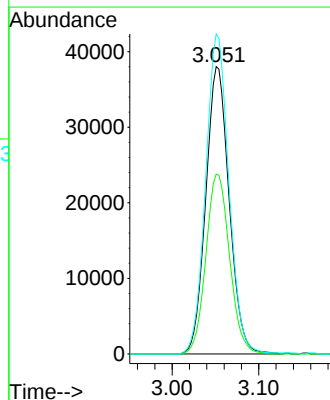
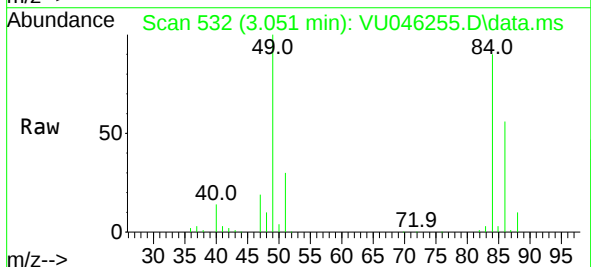
Instrument :
MSVOA_U
ClientSampleId :

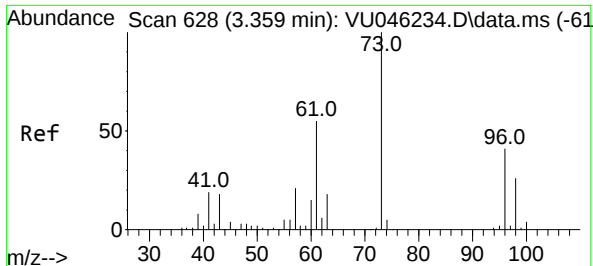
Tgt Ion: 43 Resp: 78175
Ion Ratio Lower Upper
43 100
74 26.8 20.8 31.2



#16
Methylene chloride
Concen: 51.840 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion: 84 Resp: 71444
Ion Ratio Lower Upper
84 100
86 62.6 44.7 83.1
49 111.3 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 50.940 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Instrument :

MSVOA_U

ClientSampleId :

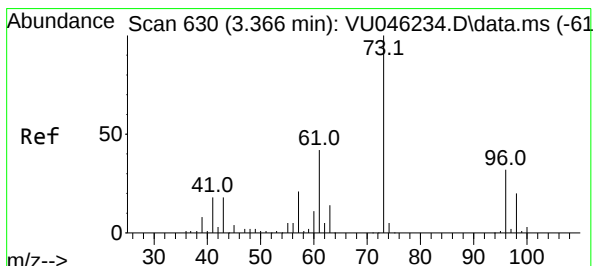
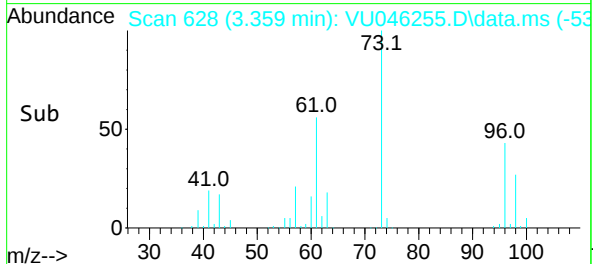
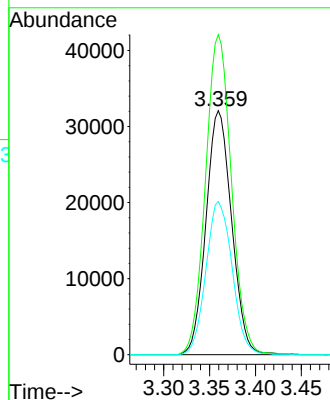
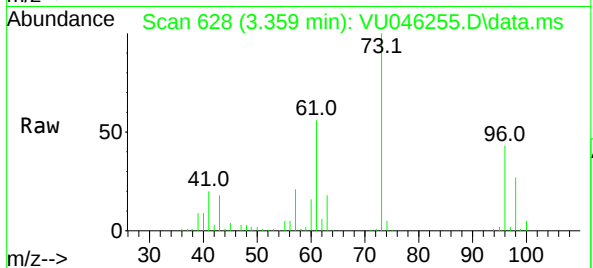
Tgt Ion: 96 Resp: 62444

Ion Ratio Lower Upper

96 100

61 131.1 94.6 175.6

98 62.7 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 53.252 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

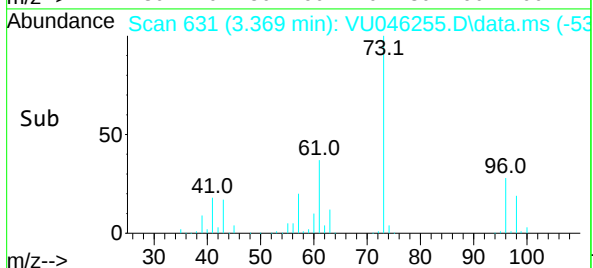
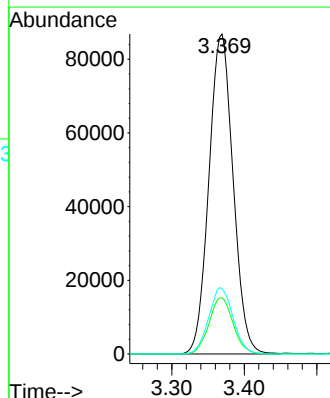
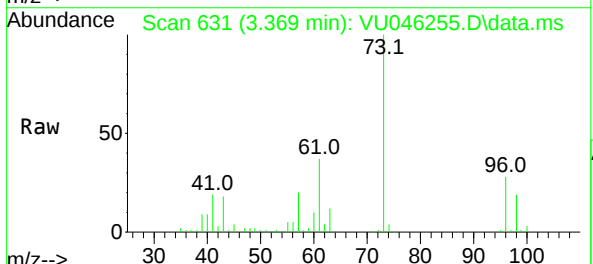
Tgt Ion: 73 Resp: 201175

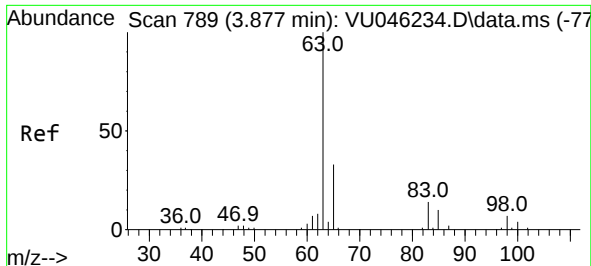
Ion Ratio Lower Upper

73 100

43 17.5 14.0 21.0

57 20.8 17.0 25.4





#19

1,1-Dichloroethane

Concen: 52.751 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Instrument :

MSVOA_U

ClientSampleId :

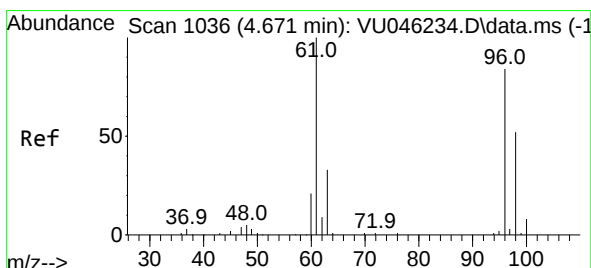
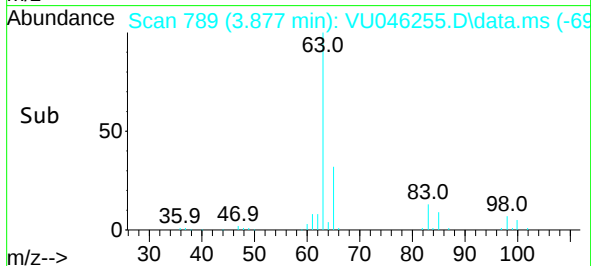
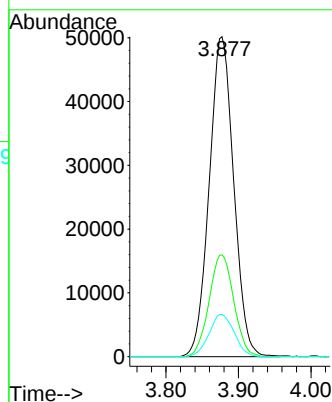
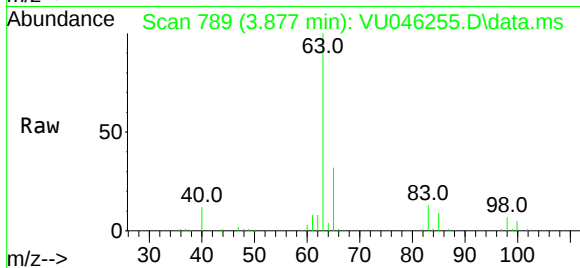
Tgt Ion: 63 Resp: 117574

Ion Ratio Lower Upper

63 100

65 31.9 22.8 42.4

83 13.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 54.080 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

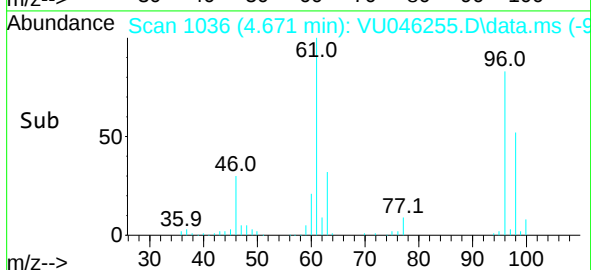
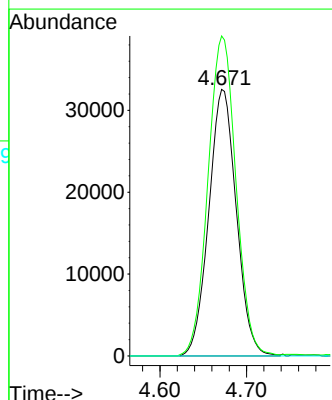
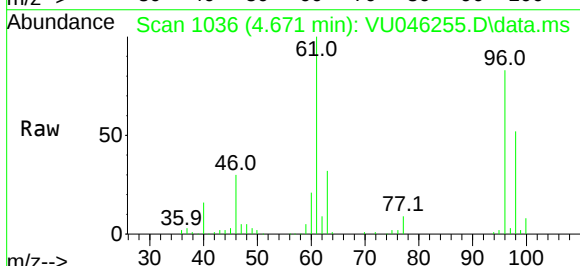
Tgt Ion: 96 Resp: 71932

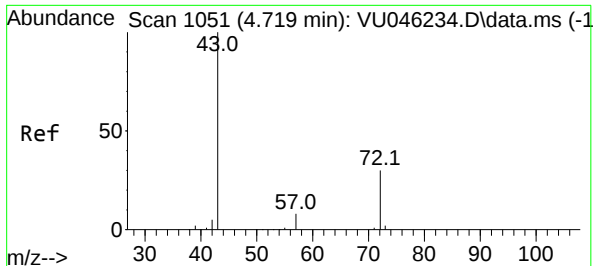
Ion Ratio Lower Upper

96 100

61 120.0 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 76.462 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.003 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Instrument :

MSVOA_U

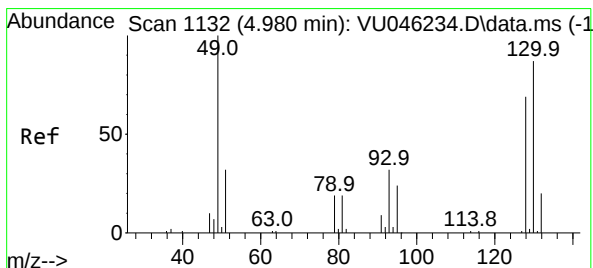
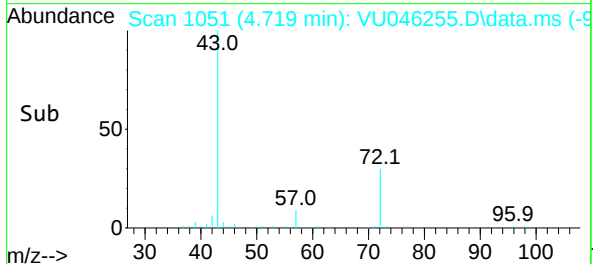
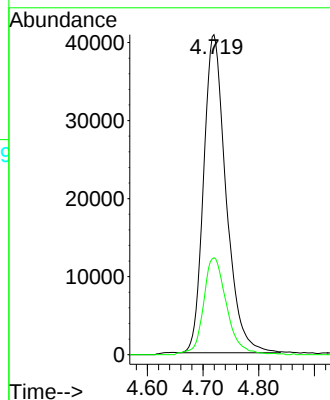
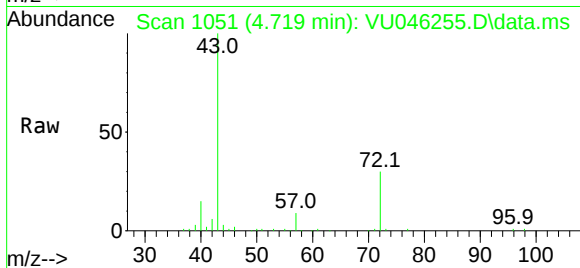
ClientSampleId :

Tgt Ion: 43 Resp: 114121

Ion Ratio Lower Upper

43 100

72 31.5 14.5 43.6



#23

Bromochloromethane

Concen: 54.807 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Tgt Ion: 128 Resp: 36818

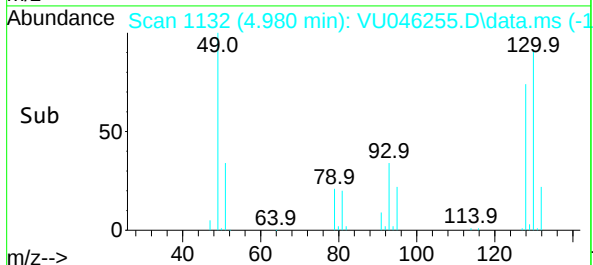
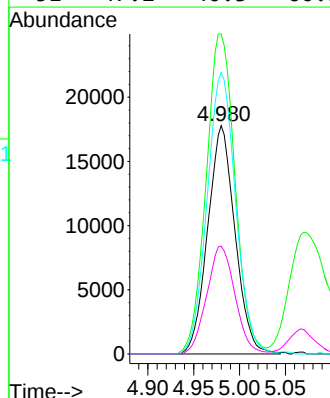
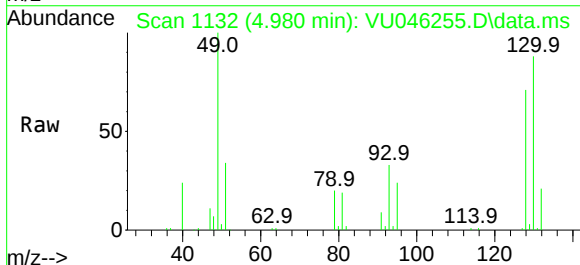
Ion Ratio Lower Upper

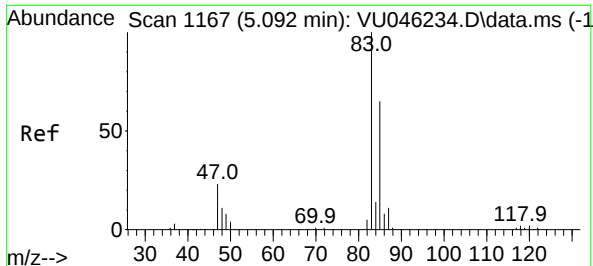
128 100

49 140.2 115.9 215.3

130 123.3 91.8 170.4

51 47.2 40.3 60.5





#25

Chloroform

Concen: 54.895 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Instrument :

MSVOA_U

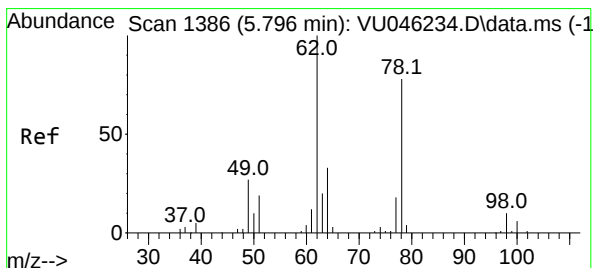
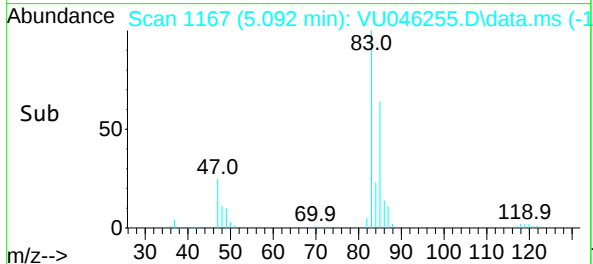
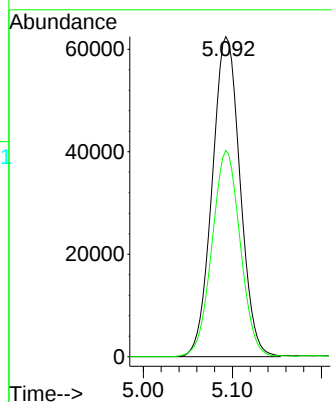
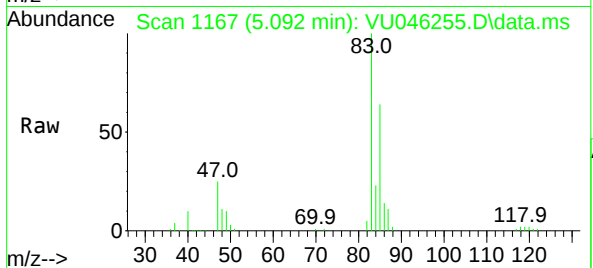
ClientSampleId :

Tgt Ion: 83 Resp: 135943

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 52.386 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046255.D

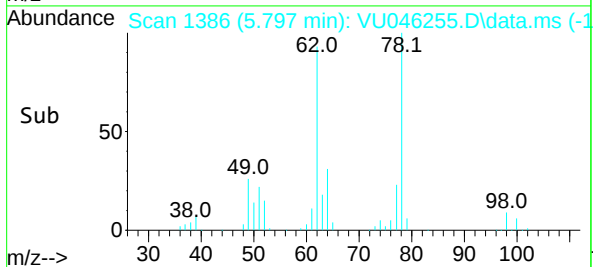
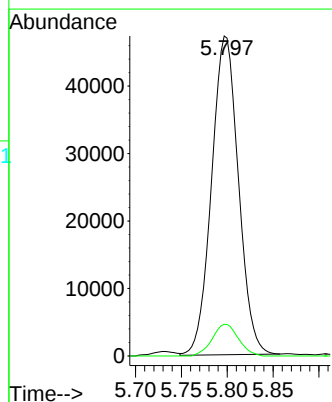
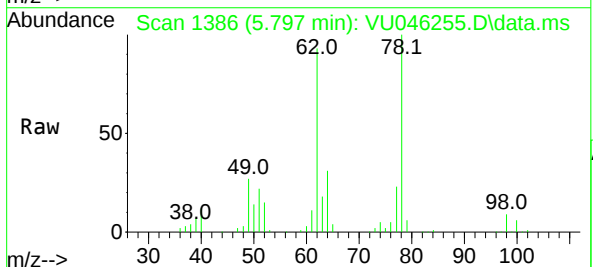
Acq: 10 Dec 2021 04:46

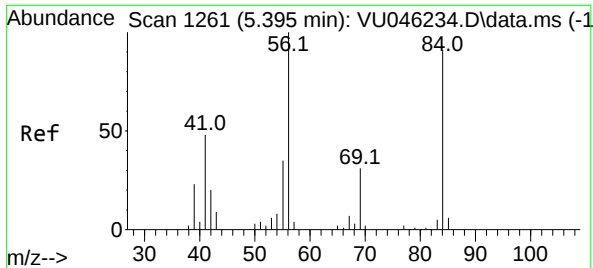
Tgt Ion: 62 Resp: 96267

Ion Ratio Lower Upper

62 100

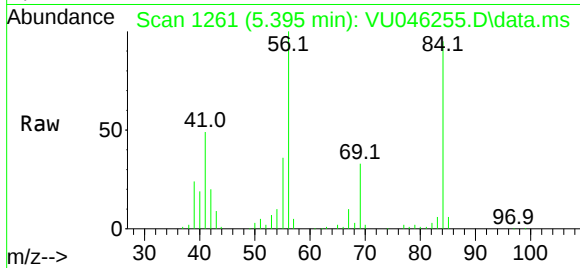
98 9.9 7.9 11.9



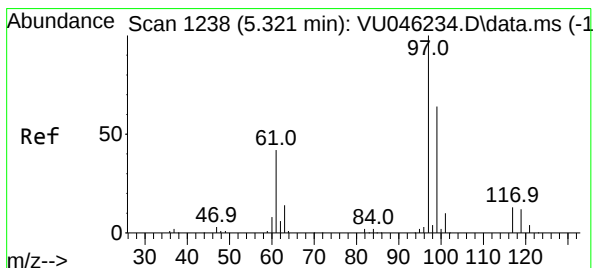
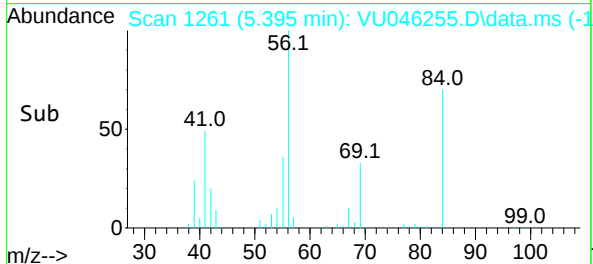
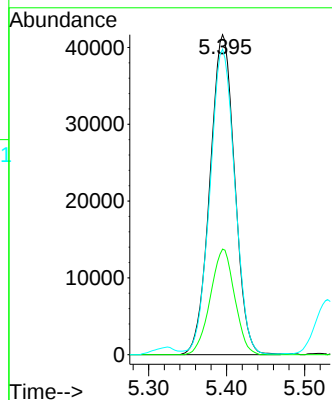


#29
Cyclohexane
Concen: 45.274 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Instrument :
MSVOA_U
ClientSampleId :

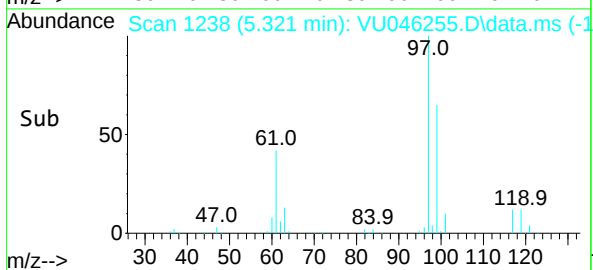
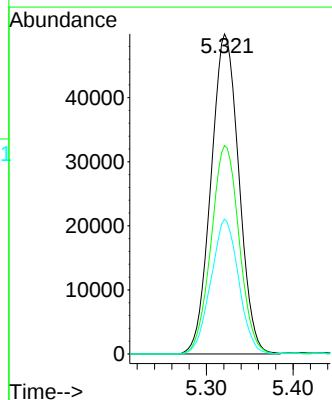
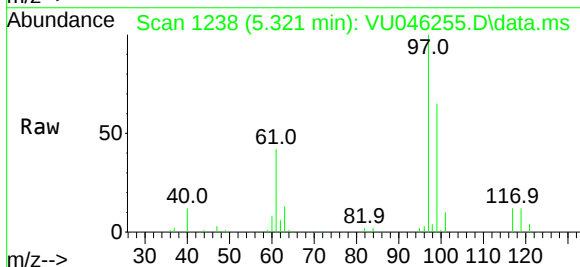


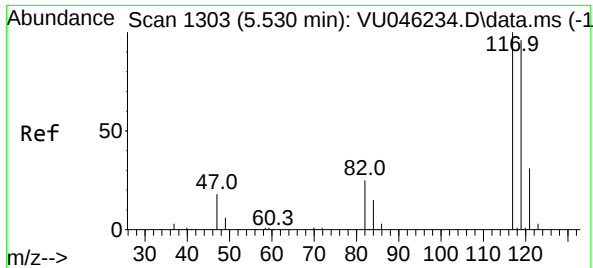
Tgt Ion:	56	Resp:	91854
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.2	37.8
84	96.3	73.3	109.9



#30
1,1,1-Trichloroethane
Concen: 52.212 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion:	97	Resp:	111669
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.8	77.6
61	41.9	34.4	51.6

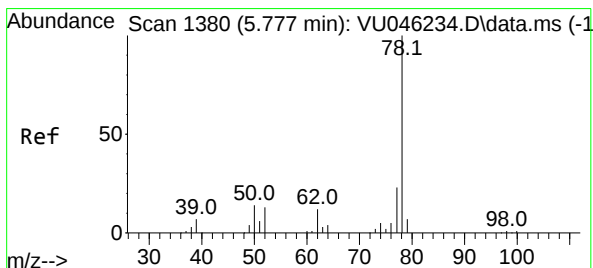
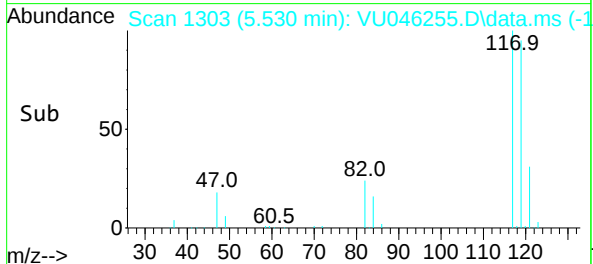
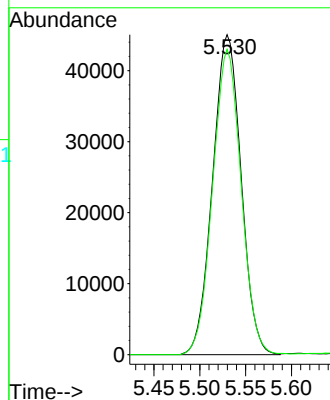
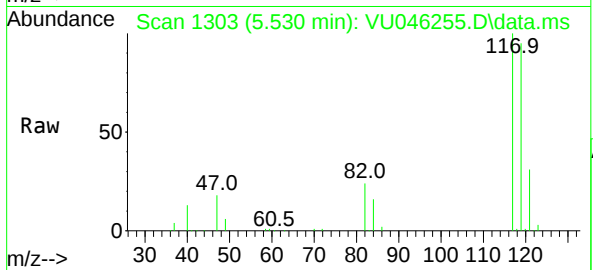




#31
Carbon tetrachloride
Concen: 53.596 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

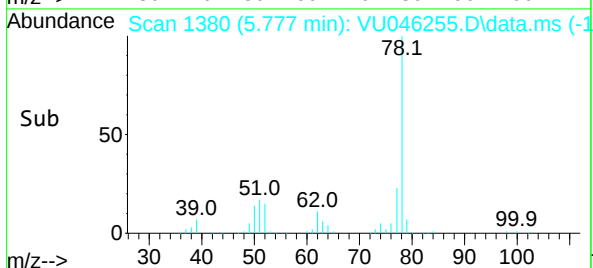
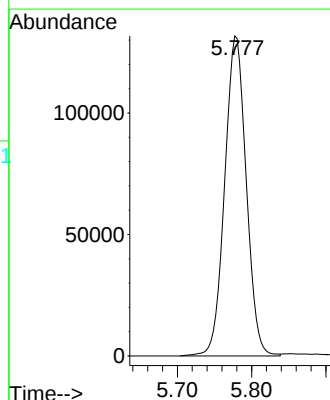
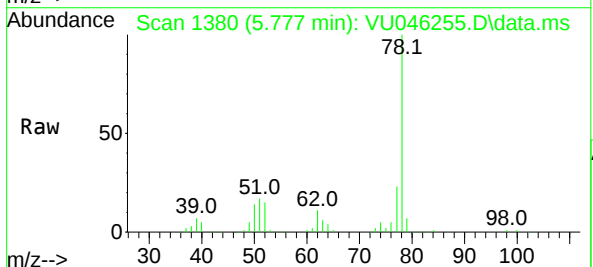
Instrument :
MSVOA_U
ClientSampleId :

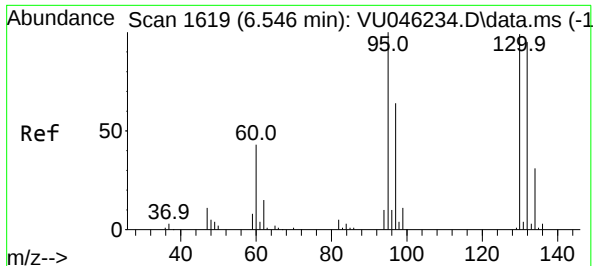
Tgt Ion:117 Resp: 97314
Ion Ratio Lower Upper
117 100
119 95.5 75.7 113.5



#33
Benzene
Concen: 50.389 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

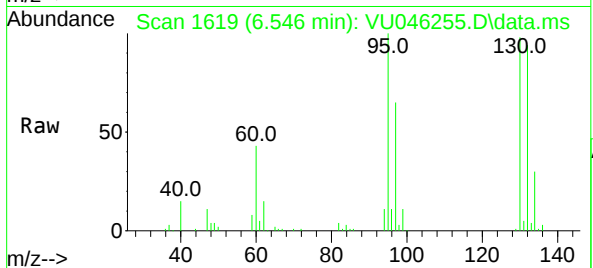
Tgt Ion: 78 Resp: 265723



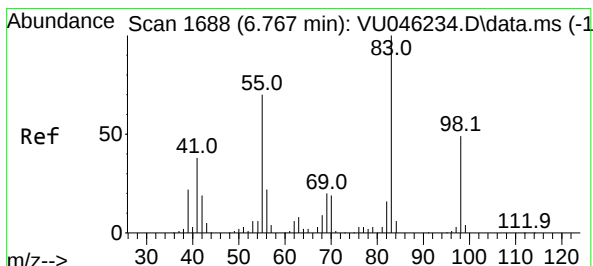
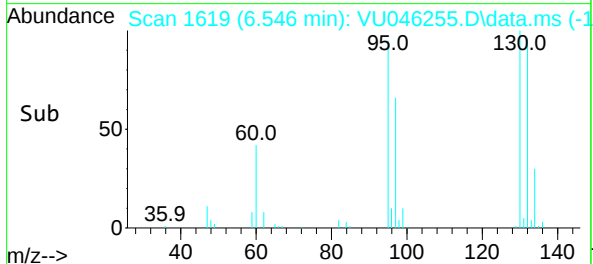
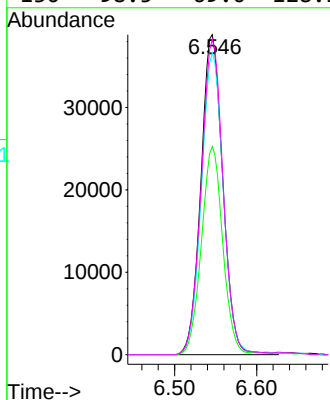


#34
Trichloroethene
Concen: 51.754 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Instrument :
MSVOA_U
ClientSampleId :

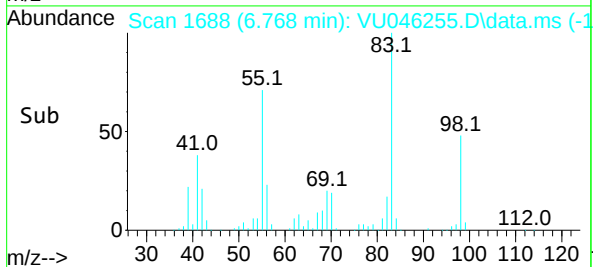
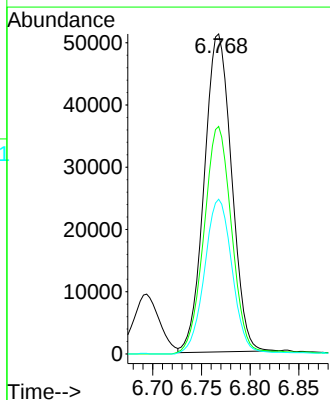
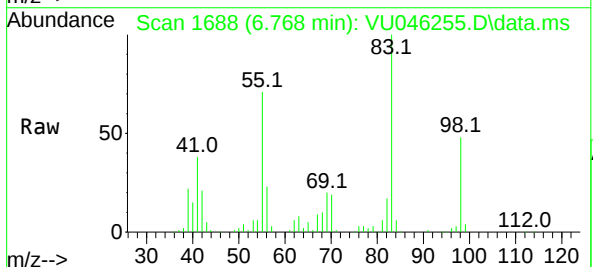


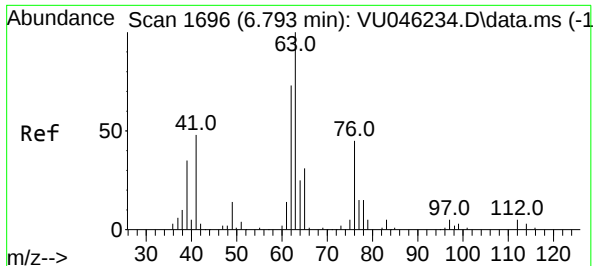
Tgt Ion:	95	Resp:	71899
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.1	81.9
132	94.4	66.8	124.0
130	98.5	69.0	128.1



#35
Methylcyclohexane
Concen: 46.240 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion:	83	Resp:	99606
Ion	Ratio	Lower	Upper
83	100		
55	72.5	57.8	86.6
98	49.3	38.4	57.6





#37

1,2-Dichloropropane

Concen: 51.043 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Instrument :

MSVOA_U

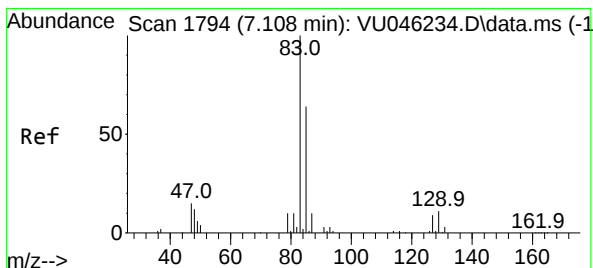
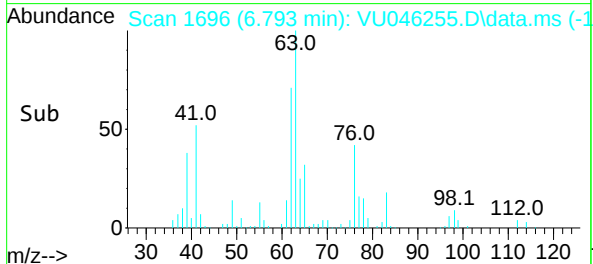
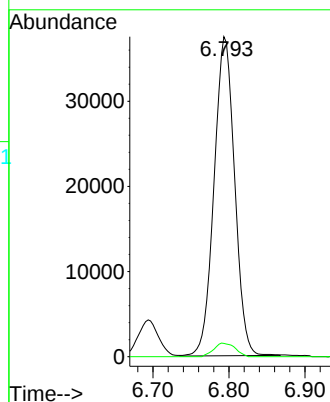
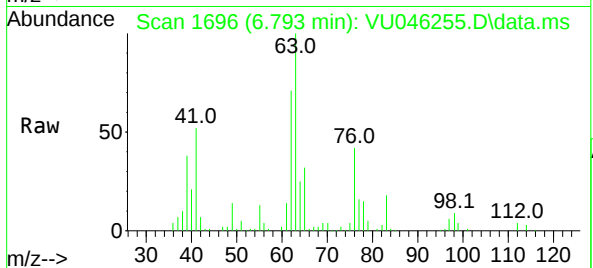
ClientSampleId :

Tgt Ion: 63 Resp: 70512

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 55.342 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

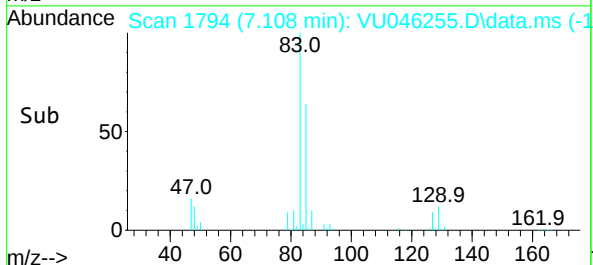
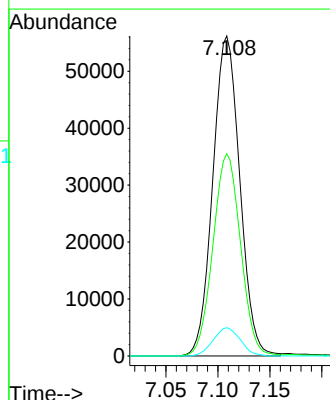
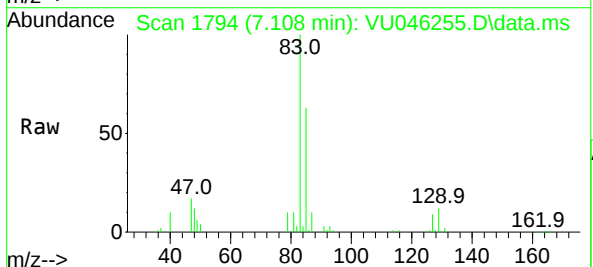
Tgt Ion: 83 Resp: 101614

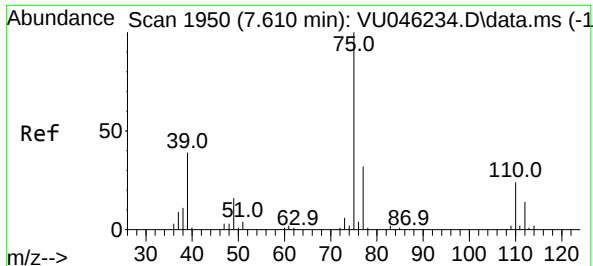
Ion Ratio Lower Upper

83 100

85 63.2 44.4 82.5

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 52.842 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Instrument :

MSVOA_U

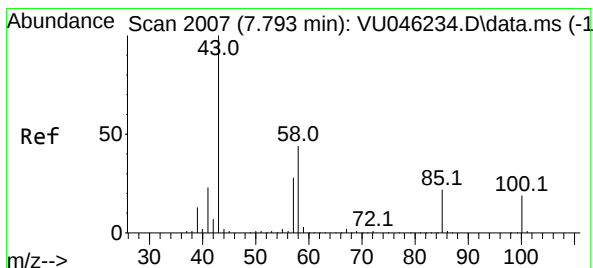
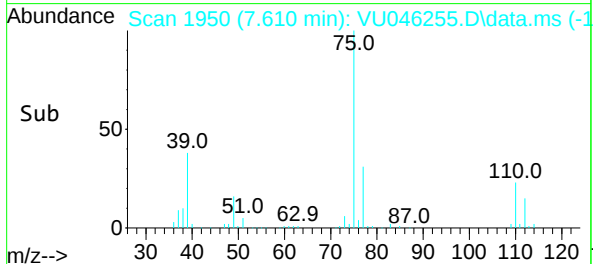
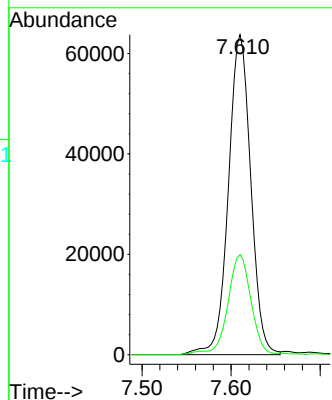
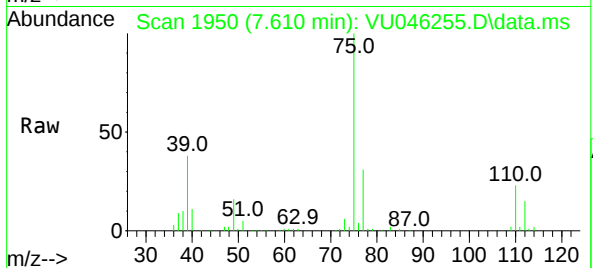
ClientSampleId :

Tgt Ion: 75 Resp: 111050

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 101.406 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

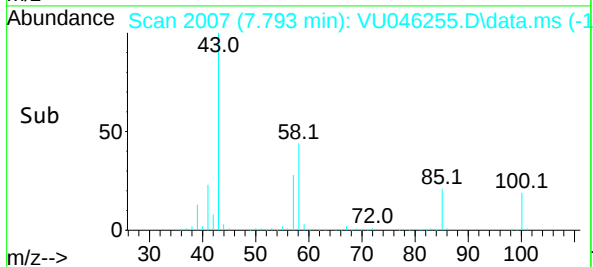
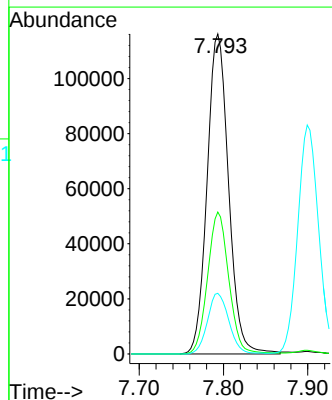
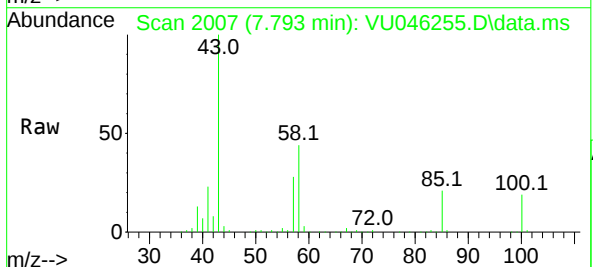
Tgt Ion: 43 Resp: 205817

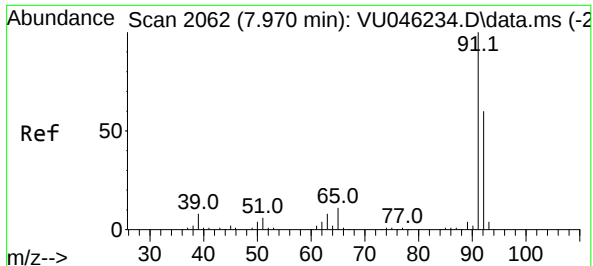
Ion Ratio Lower Upper

43 100

58 43.9 34.2 51.4

100 19.0 14.5 21.7





#42

Toluene

Concen: 52.315 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Instrument :

MSVOA_U

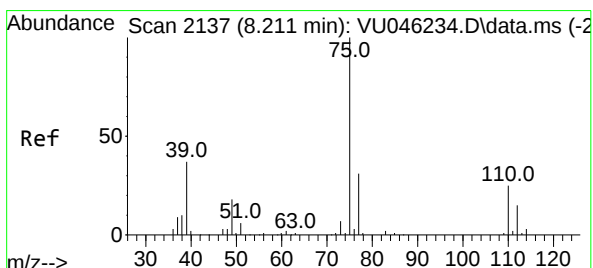
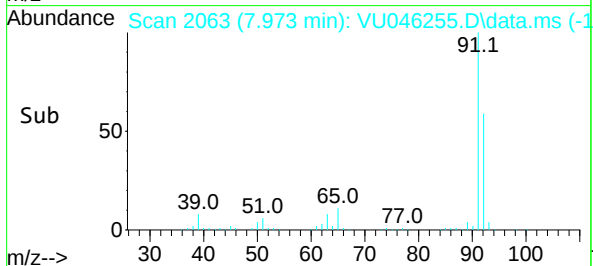
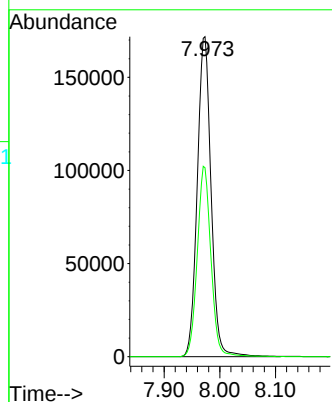
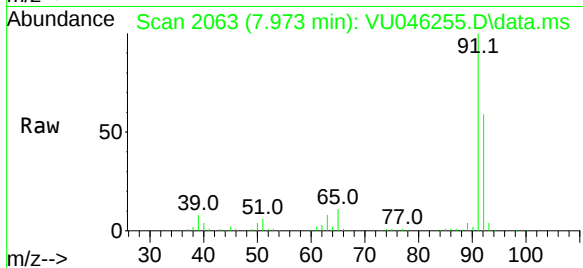
ClientSampleId :

Tgt Ion: 91 Resp: 296024

Ion Ratio Lower Upper

91 100

92 59.1 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 52.626 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046255.D

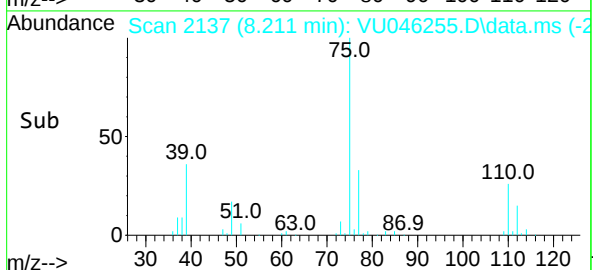
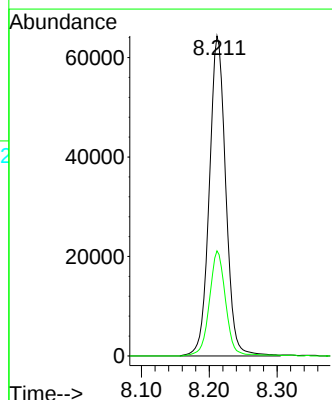
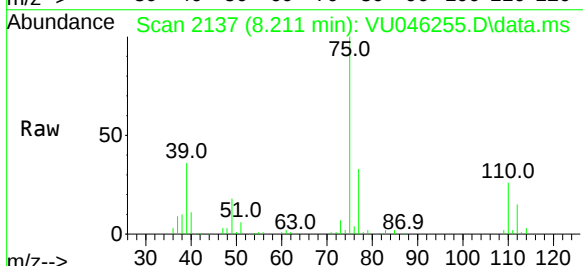
Acq: 10 Dec 2021 04:46

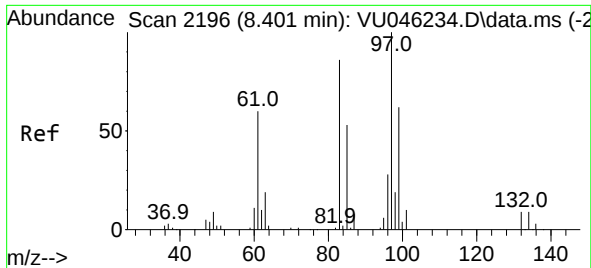
Tgt Ion: 75 Resp: 108622

Ion Ratio Lower Upper

75 100

77 32.8 21.7 40.3

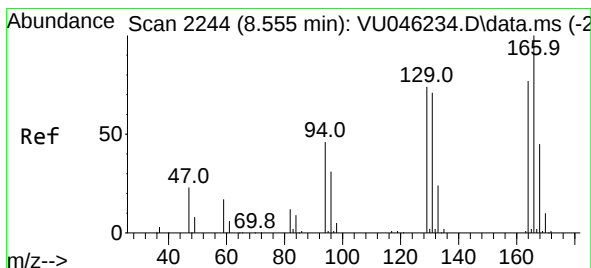
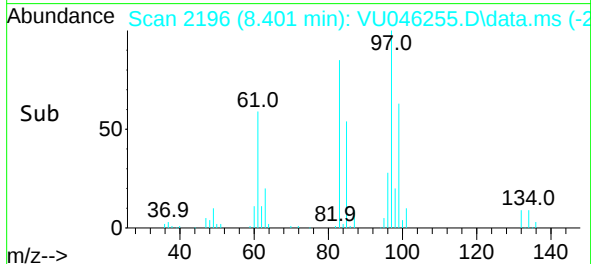
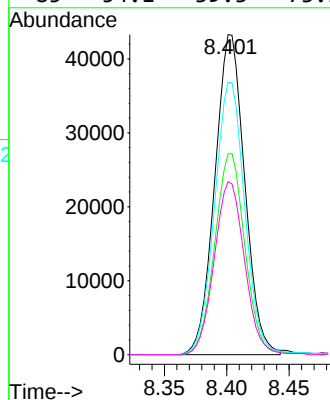
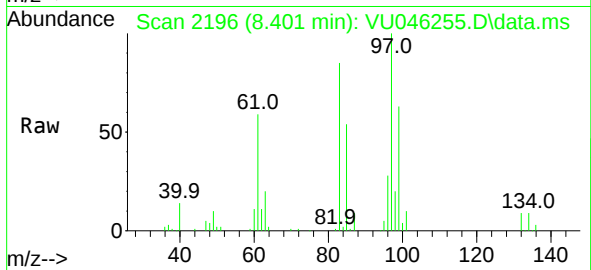




#45
1,1,2-Trichloroethane
Concen: 52.257 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

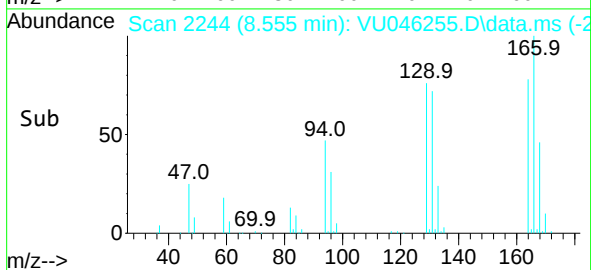
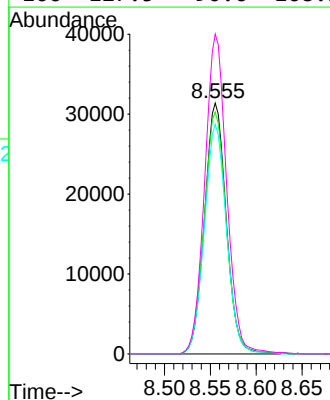
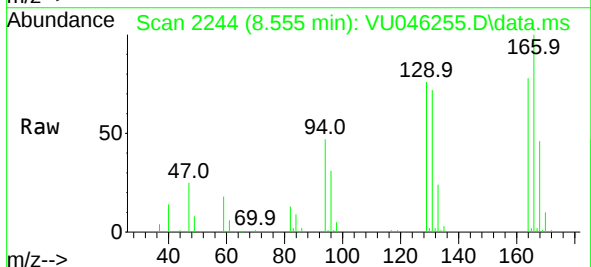
Instrument :
MSVOA_U
ClientSampleId :

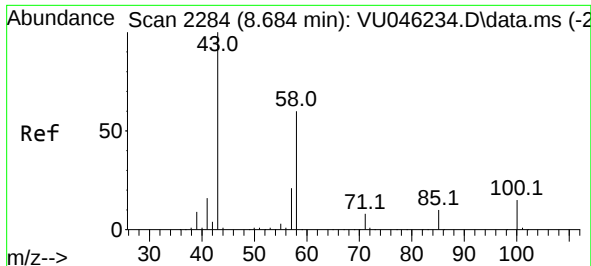
Tgt Ion: 97	Resp: 72424
Ion Ratio	Lower Upper
97 100	
99 62.8	44.7 82.9
83 85.2	60.2 111.8
85 54.1	39.3 73.1



#46
Tetrachloroethene
Concen: 50.943 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

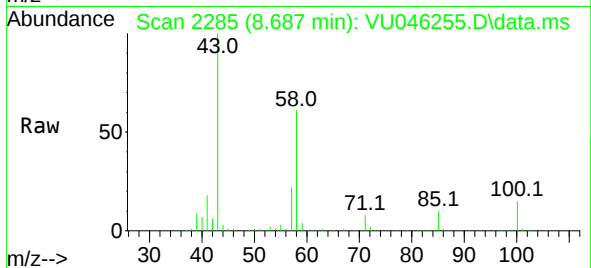
Tgt	Ion:164	Resp:	52009
Ion	Ratio	Lower	Upper
164	100		
129	96.4	71.1	132.1
131	91.5	67.8	126.0
166	127.5	90.6	168.2



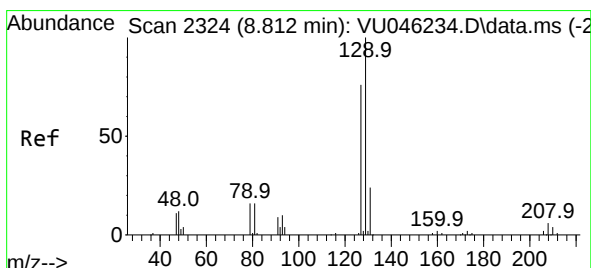
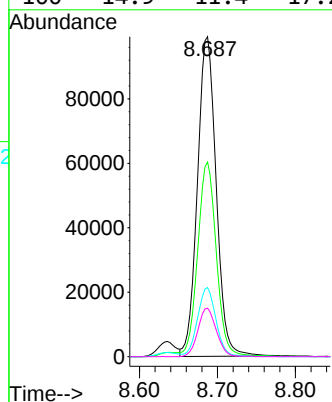
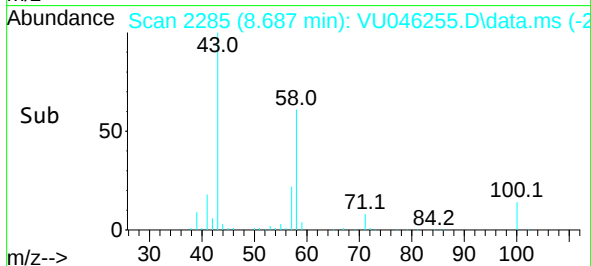


#48
2-Hexanone
Concen: 91.422 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Instrument :
MSVOA_U
ClientSampleId :

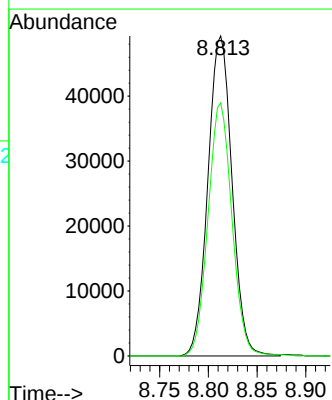
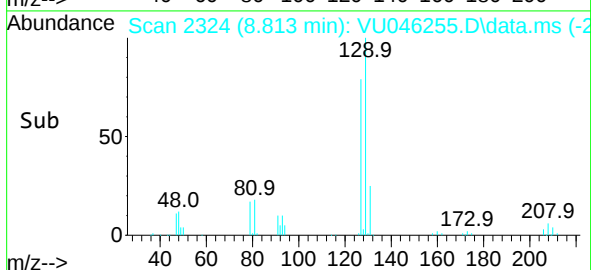
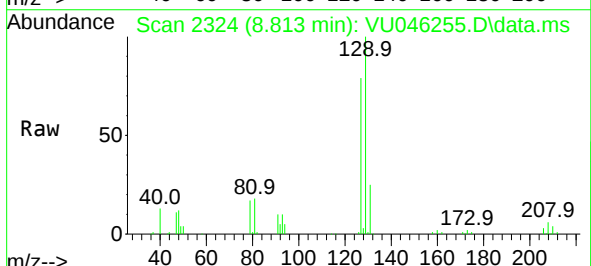


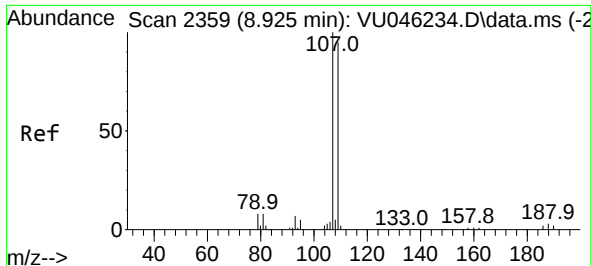
Tgt Ion: 43 Resp: 165945
Ion Ratio Lower Upper
43 100
58 60.3 47.4 71.2
57 20.8 16.6 25.0
100 14.9 11.4 17.2



#49
Dibromochloromethane
Concen: 58.410 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

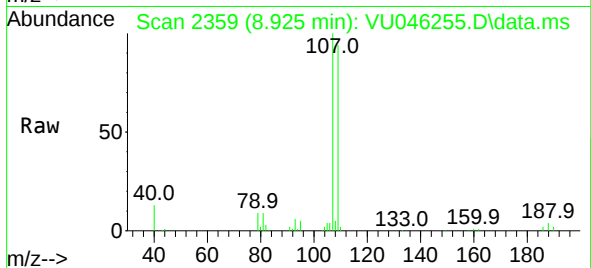
Tgt Ion: 129 Resp: 85008
Ion Ratio Lower Upper
129 100
127 79.1 55.6 103.4



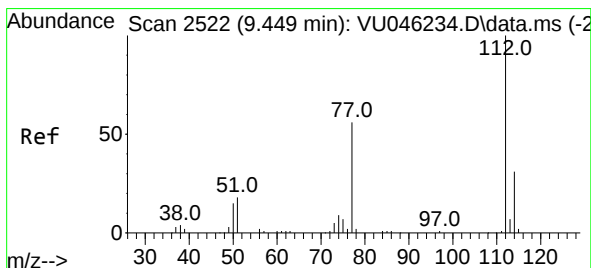
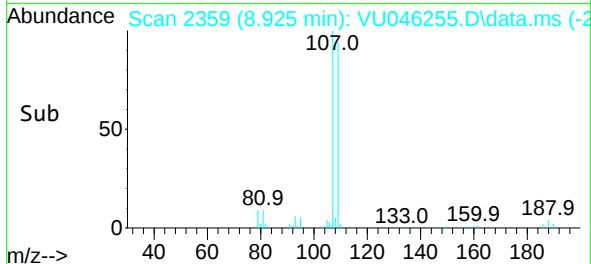
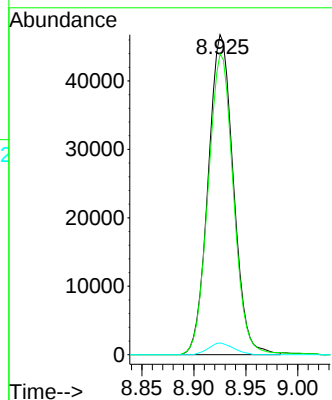


#50
1,2-Dibromoethane
Concen: 52.514 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Instrument :
MSVOA_U
ClientSampleId :

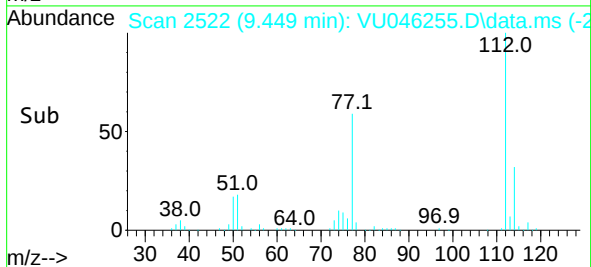
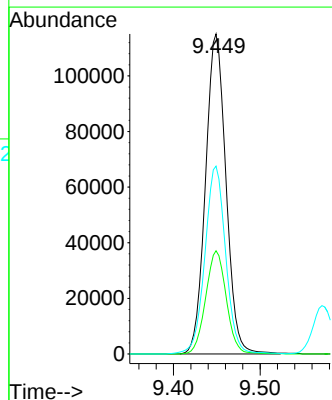
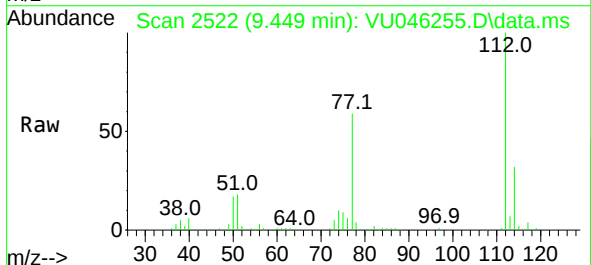


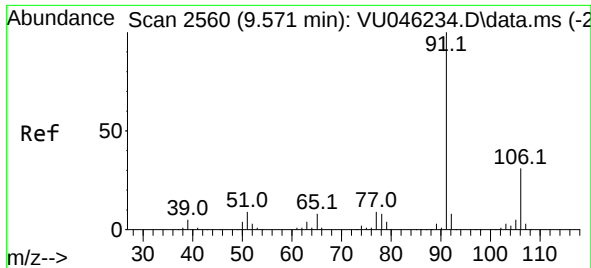
Tgt Ion:107 Resp: 78906
Ion Ratio Lower Upper
107 100
109 93.9 64.9 120.5
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 51.679 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion:112 Resp: 189185
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 58.7 47.4 71.0

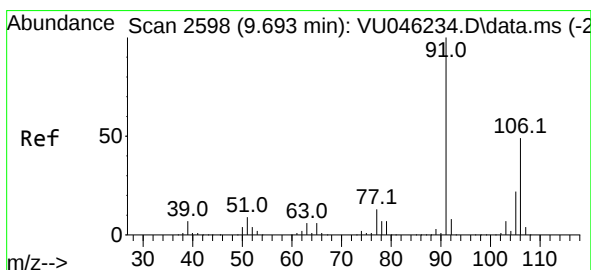
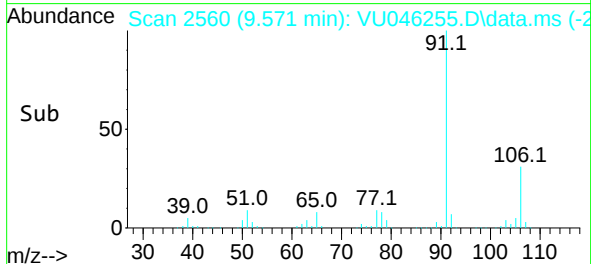
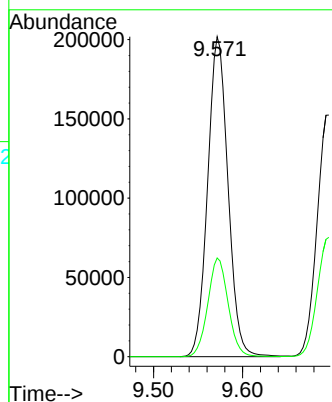
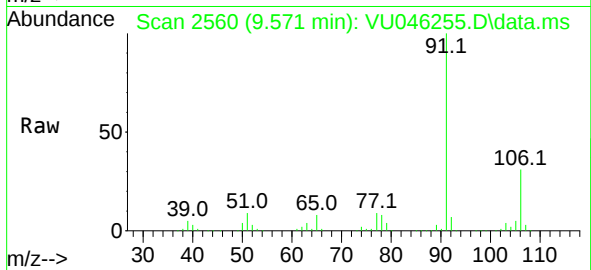




#52
Ethylbenzene
Concen: 52.478 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

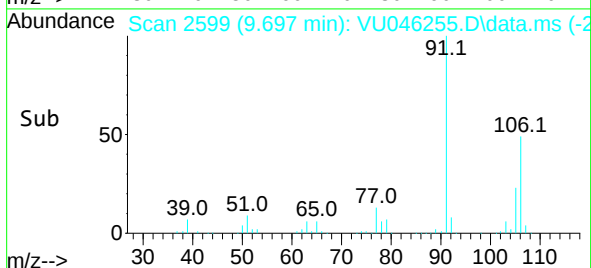
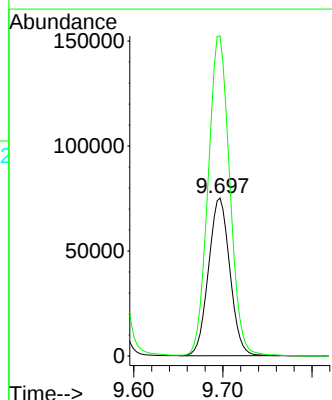
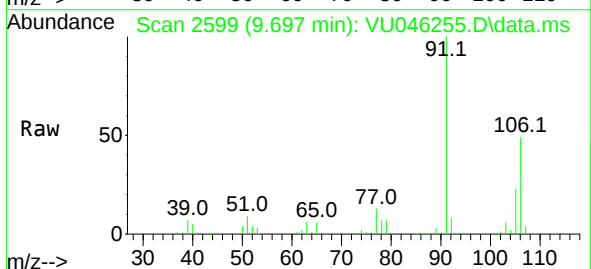
Instrument :
MSVOA_U
ClientSampleId :

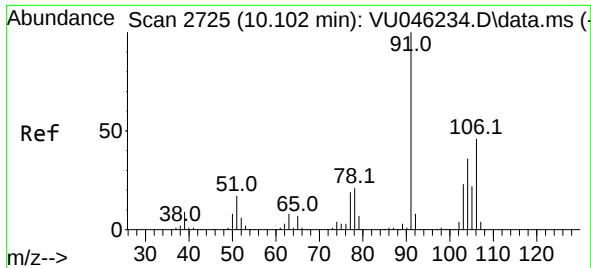
Tgt Ion: 91 Resp: 319580
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.3



#53
m,p-Xylene
Concen: 52.556 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion:106 Resp: 124818
Ion Ratio Lower Upper
106 100
91 202.6 144.3 268.1

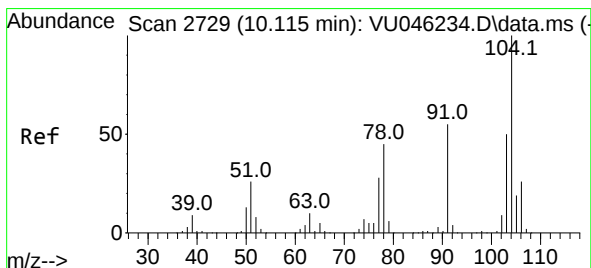
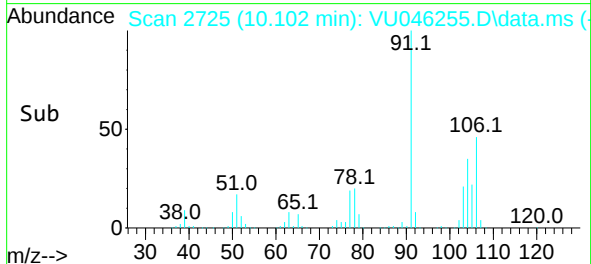
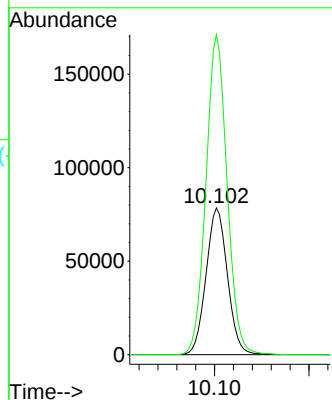
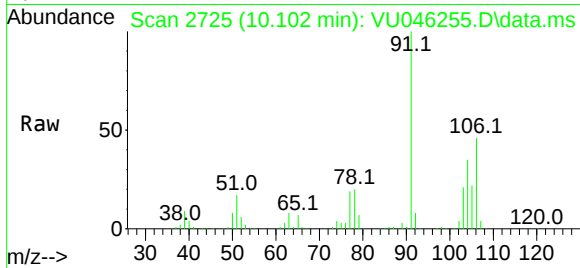




#54
o-xylene
Concen: 53.504 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

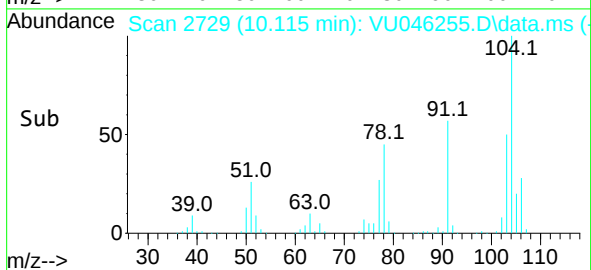
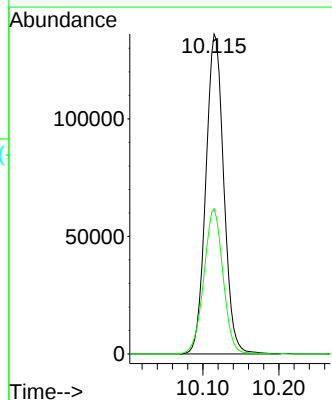
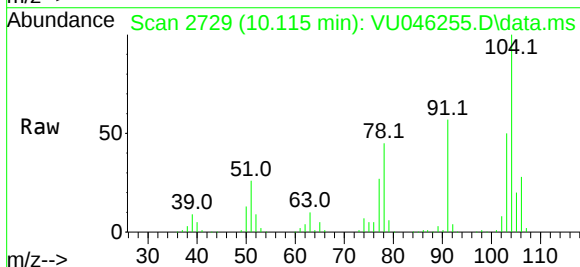
Instrument :
MSVOA_U
ClientSampleId :

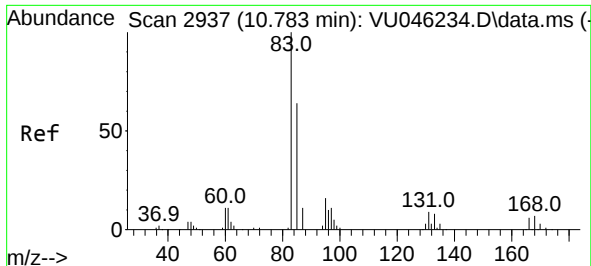
Tgt Ion:106 Resp: 123298
Ion Ratio Lower Upper
106 100
91 218.2 154.2 286.4



#55
Styrene
Concen: 56.663 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion:104 Resp: 222934
Ion Ratio Lower Upper
104 100
78 45.4 32.6 60.5

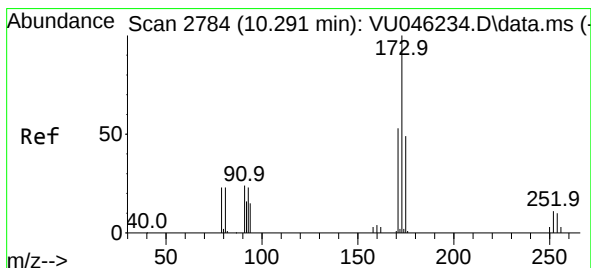
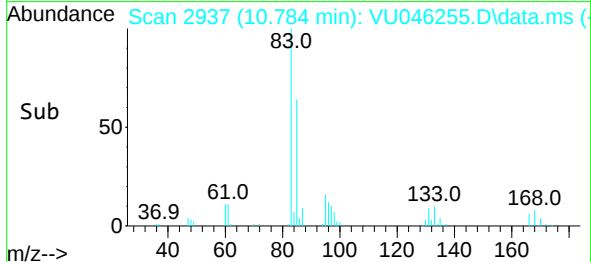
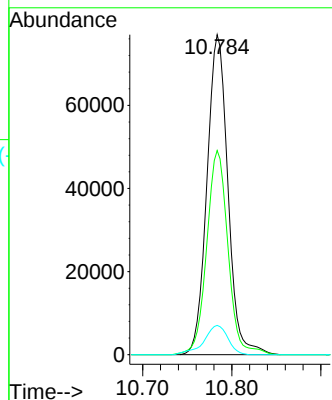
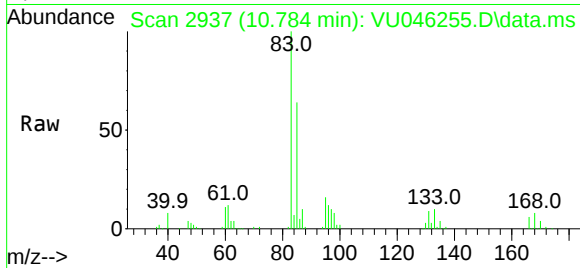




#57
1,1,2-Tetrachloroethane
Concen: 52.935 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

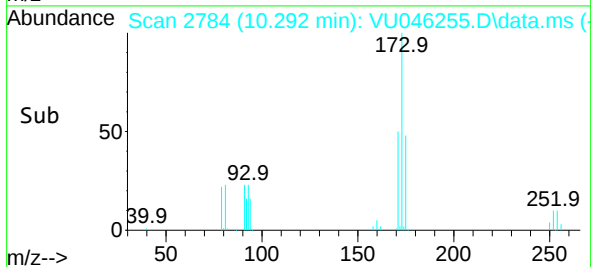
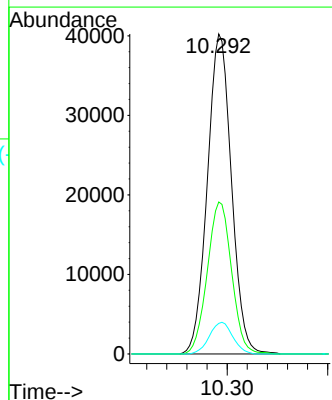
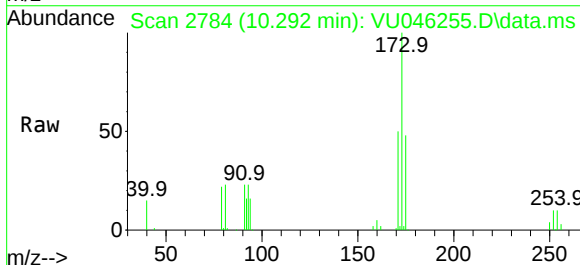
Instrument :
MSVOA_U
ClientSampleId :

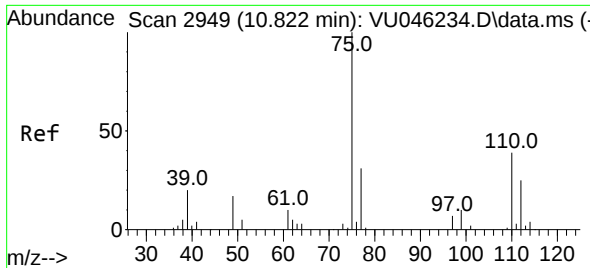
Tgt Ion: 83 Resp: 125776
Ion Ratio Lower Upper
83 100
85 63.8 45.6 84.6
131 9.2 7.8 11.6



#59
Bromoform
Concen: 57.063 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion:173 Resp: 66832
Ion Ratio Lower Upper
173 100
175 47.9 39.2 58.8
254 9.6 7.4 11.2

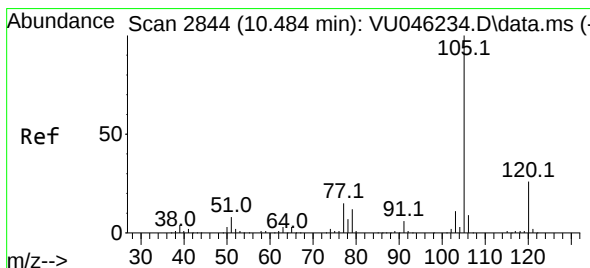
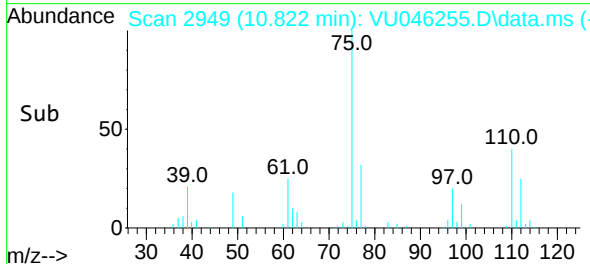
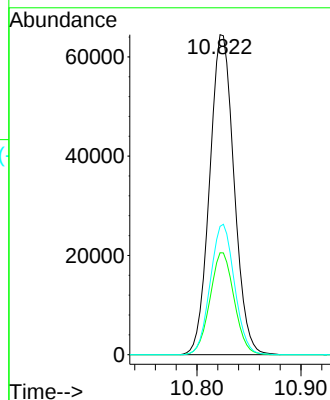
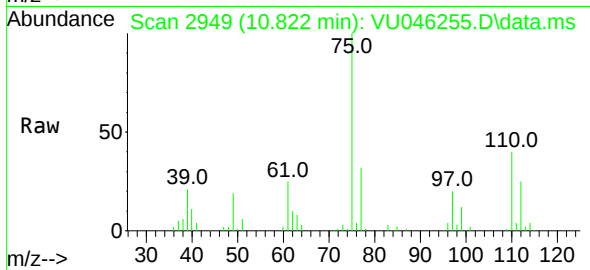




#60
1,2,3-Trichloropropane
Concen: 48.125 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

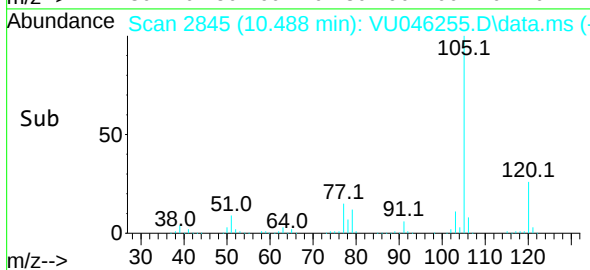
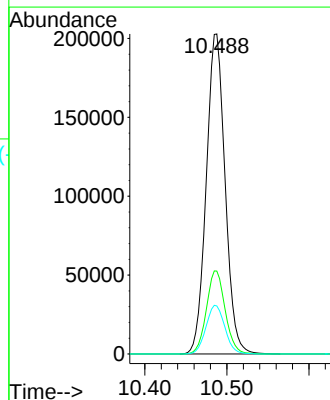
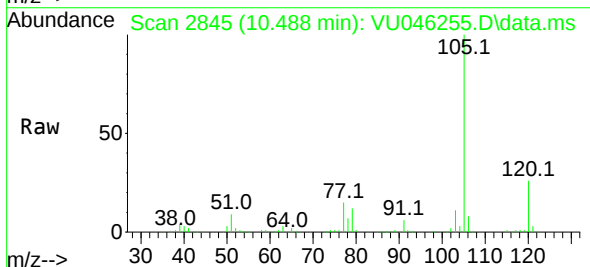
Instrument :
MSVOA_U
ClientSampleId :

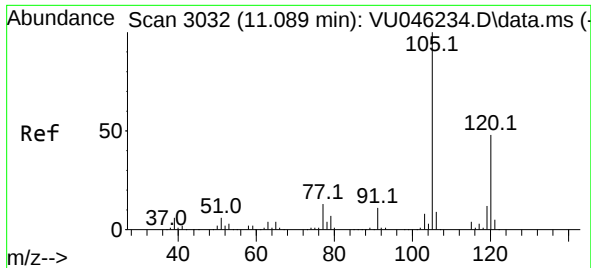
Tgt Ion: 75 Resp: 105323
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 40.4 32.4 48.6



#61
Isopropylbenzene
Concen: 49.838 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion: 105 Resp: 323736
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.2 12.2 18.4

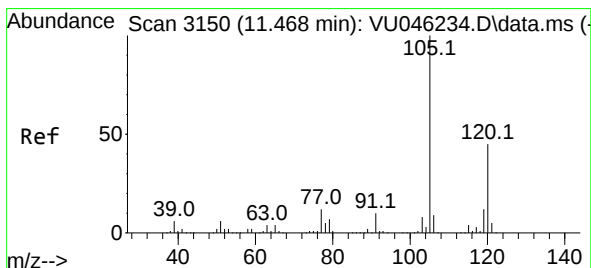
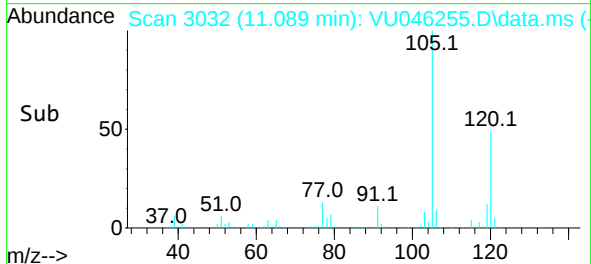
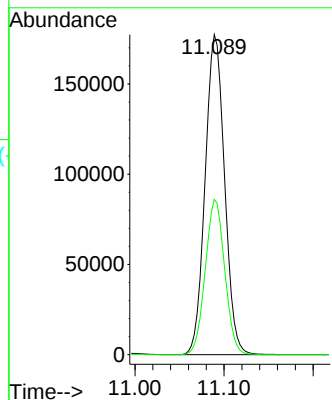
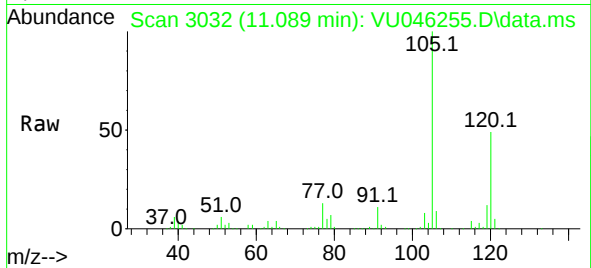




#62
 1,3,5-Trimethylbenzene
 Concen: 49.571 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU046255.D
 Acq: 10 Dec 2021 04:46

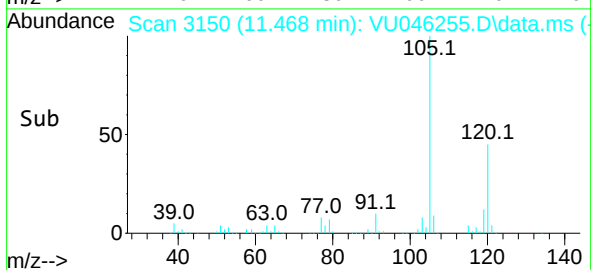
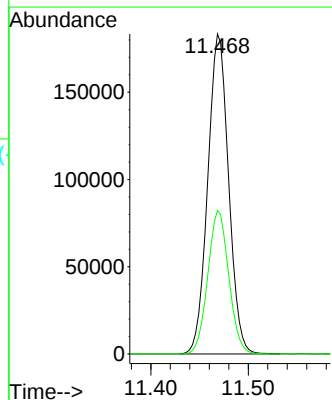
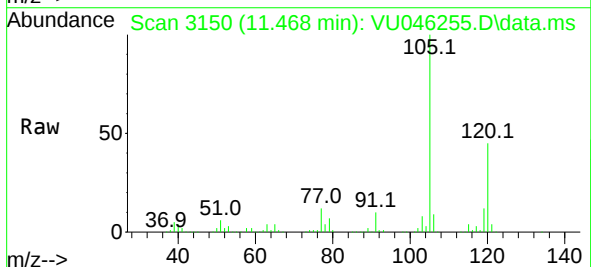
Instrument :
 MSVOA_U
 ClientSampleId :

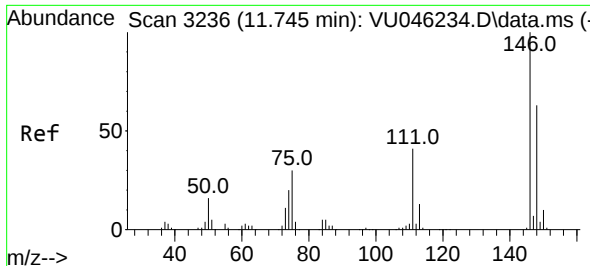
Tgt Ion:105 Resp: 268391
 Ion Ratio Lower Upper
 105 100
 120 48.5 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 50.270 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU046255.D
 Acq: 10 Dec 2021 04:46

Tgt Ion:105 Resp: 272310
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.2 52.8

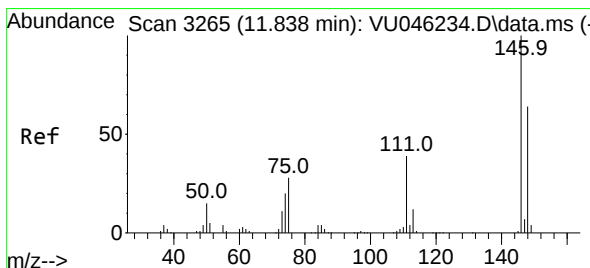
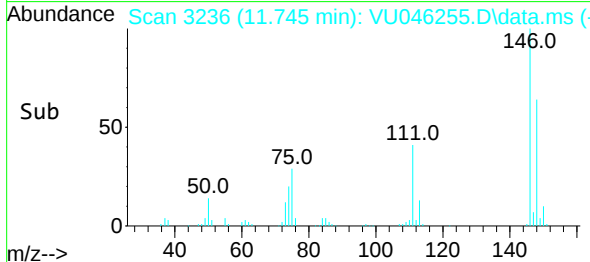
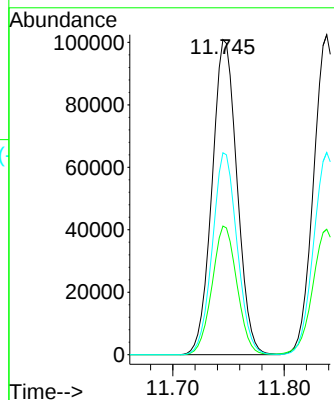
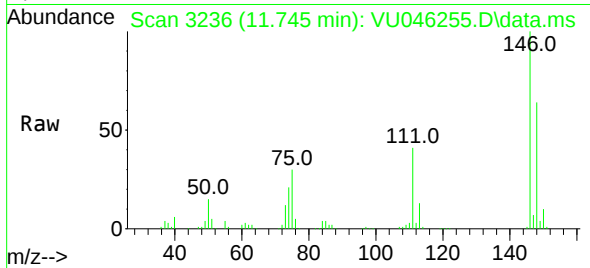




#64
1,3-Dichlorobenzene
Concen: 50.994 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

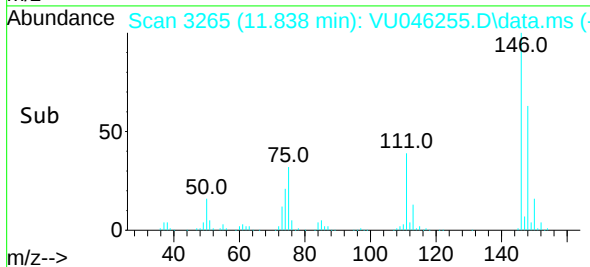
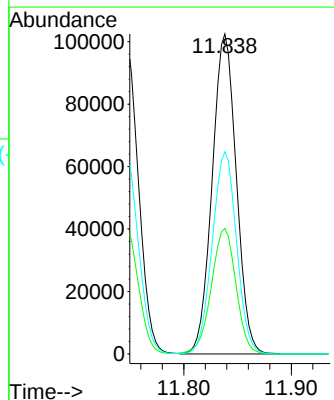
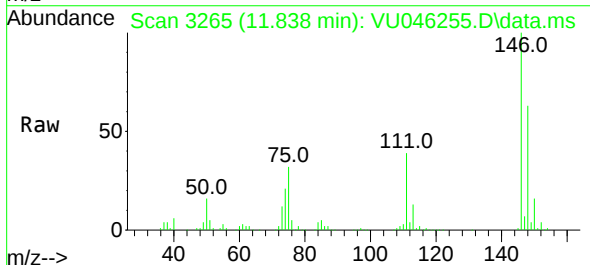
Instrument :
MSVOA_U
ClientSampleId :

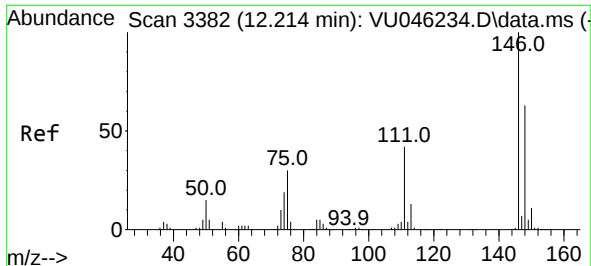
Tgt Ion:146 Resp: 157347
Ion Ratio Lower Upper
146 100
111 40.8 29.5 54.9
148 64.1 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 50.161 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion:146 Resp: 159959
Ion Ratio Lower Upper
146 100
111 39.2 28.3 52.7
148 63.2 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 49.324 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

Instrument :

MSVOA_U

ClientSampleId :

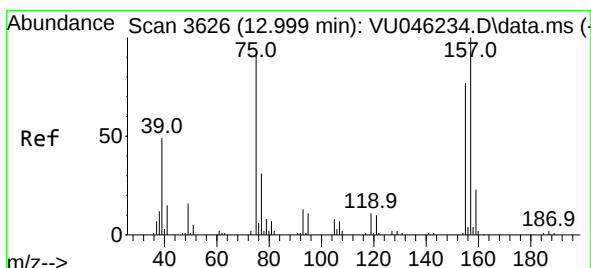
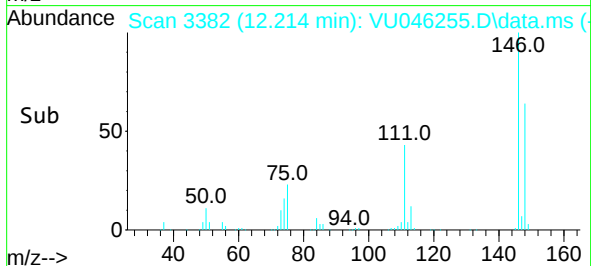
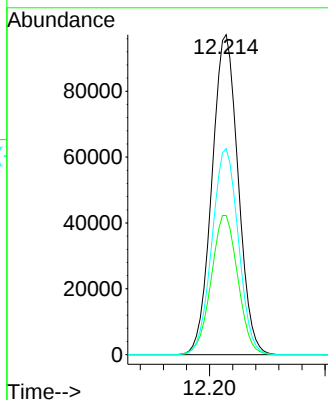
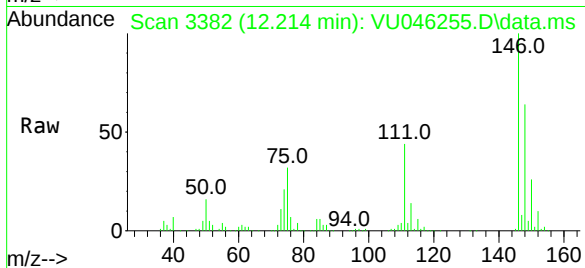
Tgt Ion:146 Resp: 153265

Ion Ratio Lower Upper

146 100

111 43.5 35.7 53.5

148 64.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 54.840 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046255.D

Acq: 10 Dec 2021 04:46

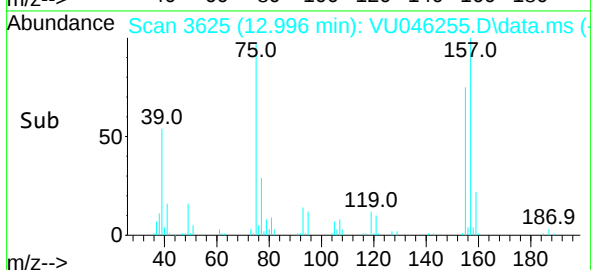
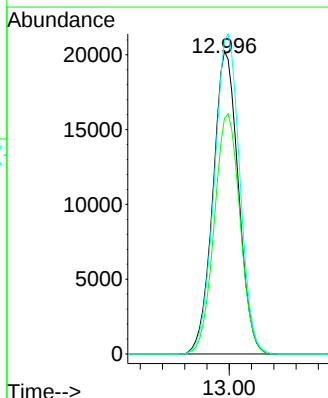
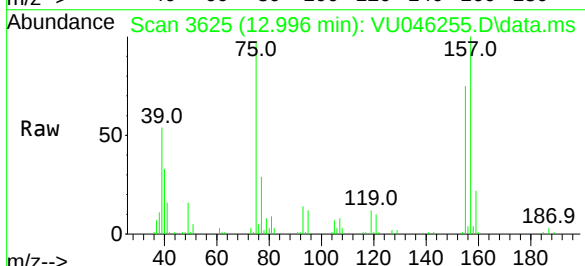
Tgt Ion: 75 Resp: 31973

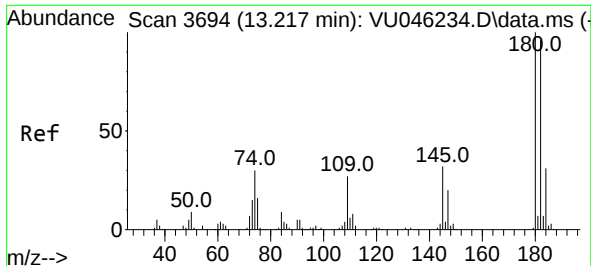
Ion Ratio Lower Upper

75 100

155 77.8 64.9 97.3

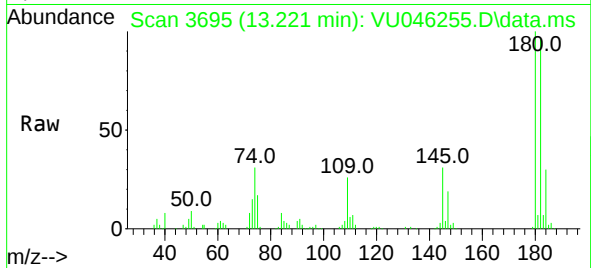
157 103.6 81.9 122.9



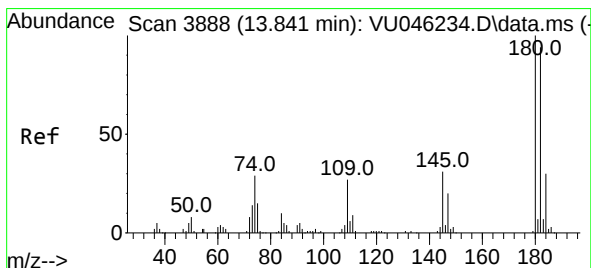
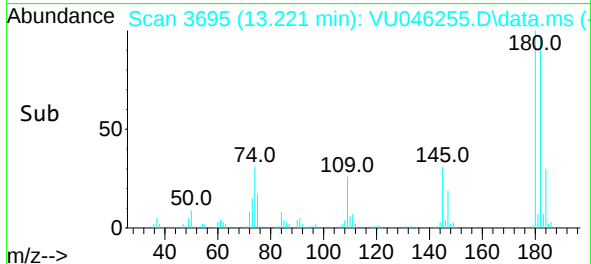
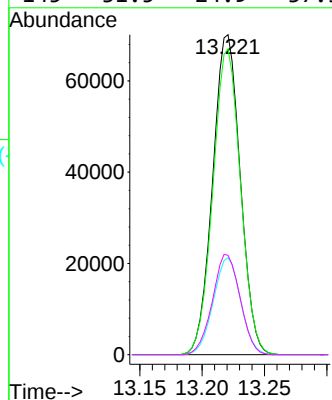


#69
 1,3,5-Trichlorobenzene
 Concen: 48.042 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046255.D
 Acq: 10 Dec 2021 04:46

Instrument :
 MSVOA_U
 ClientSampleId :

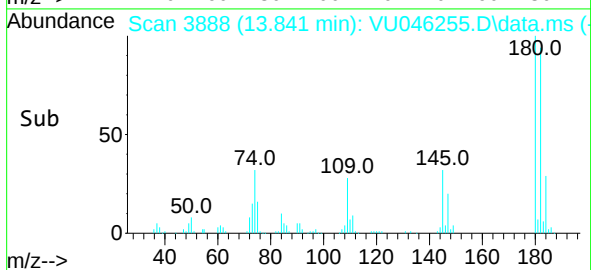
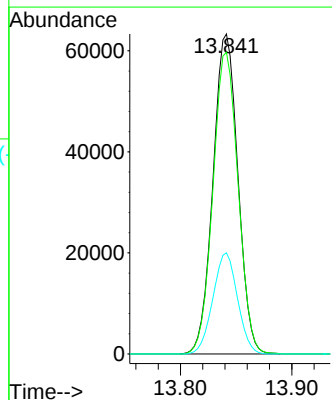
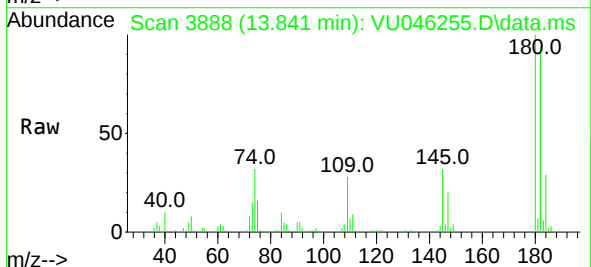


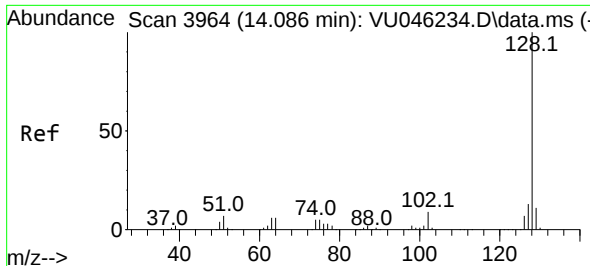
Tgt Ion:180 Resp: 108011
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.9 113.9
 184 30.0 24.2 36.4
 145 31.5 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 49.283 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046255.D
 Acq: 10 Dec 2021 04:46

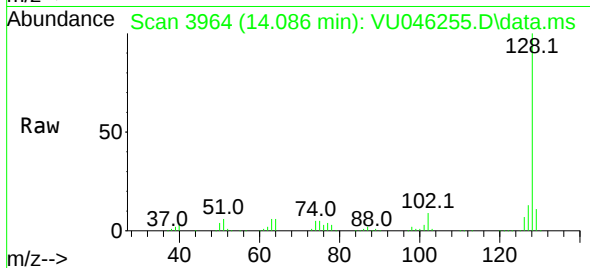
Tgt Ion:180 Resp: 98325
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.7 115.1
 145 31.2 26.0 39.0



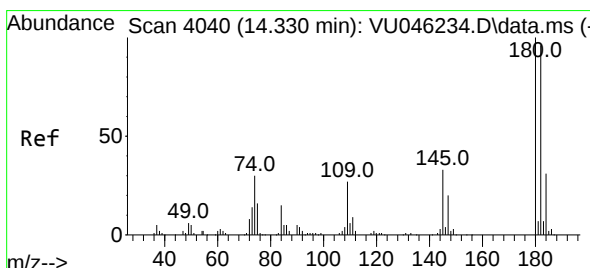
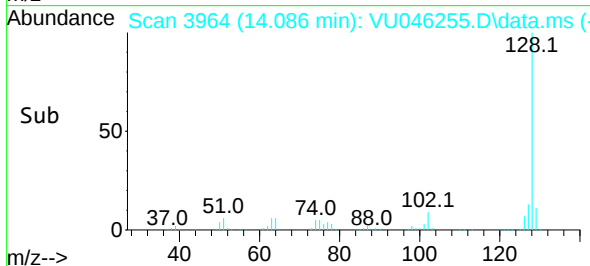
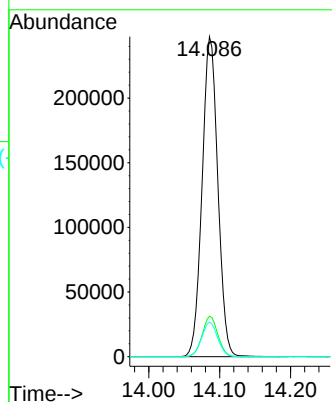


#71
Naphthalene
Concen: 54.894 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 381107
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.777 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046255.D
Acq: 10 Dec 2021 04:46

Tgt Ion:180 Resp: 105339
Ion Ratio Lower Upper
180 100
182 94.8 76.0 114.0
145 33.0 27.3 40.9

