

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048958.D
 Acq On : 08 Jun 2022 12:57
 Operator : SY/MD
 Sample : VU0608MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608MBS01

Quant Time: Jun 08 16:20:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	167674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	280058	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	253189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	138920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	119186	47.331	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.660%		
35) Dibromofluoromethane	5.289	113	90227	45.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.320%		
50) Toluene-d8	7.896	98	292886	40.894	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	81.780%#		
62) 4-Bromofluorobenzene	10.632	95	117910	43.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	33838	17.629	ug/l	99
3) Chloromethane	1.520	50	47084	19.055	ug/l	98
4) Vinyl Chloride	1.604	62	42428	18.539	ug/l	98
5) Bromomethane	1.829	94	24466	16.233	ug/l	99
6) Chloroethane	1.916	64	25819	19.011	ug/l	96
7) Trichlorofluoromethane	2.128	101	61673	18.868	ug/l	97
8) Diethyl Ether	2.372	74	25016	20.740	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.575	101	34422	19.239	ug/l	98
10) Methyl Iodide	2.716	142	50875	20.997	ug/l	98
11) Tert butyl alcohol	3.186	59	90934	142.436	ug/l #	40
12) 1,1-Dichloroethene	2.575	96	32930	19.296	ug/l	98
13) Acrolein	2.482	56	15740	71.362	ug/l	93
14) Allyl chloride	2.919	41	69015	20.879	ug/l	96
15) Acrylonitrile	3.311	53	164409	118.740	ug/l	98
16) Acetone	2.623	43	140427	109.426	ug/l	98
17) Carbon Disulfide	2.787	76	74197	14.893	ug/l	100
18) Methyl Acetate	2.945	43	83646	25.960	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	143395	22.145	ug/l	100
20) Methylene Chloride	3.041	84	44852	20.553	ug/l	95
21) trans-1,2-Dichloroethene	3.350	96	35645	18.260	ug/l	97
22) Diisopropyl ether	3.990	45	142187	23.320	ug/l	96
23) Vinyl Acetate	3.951	43	596641	112.943	ug/l	99
24) 1,1-Dichloroethane	3.864	63	82113	21.443	ug/l	98
25) 2-Butanone	4.700	43	223777	121.381	ug/l	99
26) 2,2-Dichloropropane	4.662	77	70811	20.612	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	45918	20.322	ug/l	100
28) Bromochloromethane	4.970	49	33556	22.341	ug/l	98
29) Tetrahydrofuran	5.047	42	140037	120.590	ug/l	98
30) Chloroform	5.086	83	85650	22.354	ug/l	100
31) Cyclohexane	5.385	56	58102	18.309	ug/l	98
32) 1,1,1-Trichloroethane	5.314	97	70642	20.322	ug/l	98
36) 1,1-Dichloropropene	5.526	75	52356	17.954	ug/l	99
37) Ethyl Acetate	4.803	43	78733	21.358	ug/l	98
38) Carbon Tetrachloride	5.523	117	60501	18.084	ug/l	92
39) Methylcyclohexane	6.761	83	54854	17.940	ug/l	97
40) Benzene	5.771	78	167684	19.478	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	43260	23.222	ug/l	98
42) 1,2-Dichloroethane	5.793	62	69807	20.714	ug/l	100
43) Isopropyl Acetate	5.909	43	113724	21.255	ug/l	99
44) Trichloroethene	6.543	130	40849	18.417	ug/l	99
45) 1,2-Dichloropropane	6.790	63	48725	22.482	ug/l	98
46) Dibromomethane	6.919	93	33772	20.857	ug/l	98
47) Bromodichloromethane	7.105	83	67274	20.545	ug/l	95
48) Methyl methacrylate	6.957	41	52658	21.923	ug/l	98
49) 1,4-Dioxane	6.964	88	32126	598.313	ug/l	94
51) 4-Methyl-2-Pentanone	7.790	43	434078	124.943	ug/l	99
52) Toluene	7.970	92	99752	19.371	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	67193	19.022	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	73722	20.141	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	47409	20.861	ug/l	97
56) Ethyl methacrylate	8.333	69	69496	20.953	ug/l	98
57) 1,3-Dichloropropane	8.575	76	82129	21.472	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	58313	93.022	ug/l	99
59) 2-Hexanone	8.684	43	350967	123.051	ug/l	99
60) Dibromochloromethane	8.809	129	52190	20.487	ug/l	98
61) 1,2-Dibromoethane	8.922	107	48997	19.576	ug/l	99
64) Tetrachloroethene	8.552	164	32359	17.689	ug/l	95
65) Chlorobenzene	9.446	112	112582	21.024	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.533	131	46316	22.786	ug/l	98
67) Ethyl Benzene	9.571	91	184031	20.376	ug/l	98
68) m/p-Xylenes	9.694	106	143452	40.610	ug/l	99
69) o-Xylene	10.099	106	73246	21.106	ug/l	99
70) Styrene	10.115	104	119593	20.951	ug/l	99
71) Bromoform	10.292	173	42721	22.732	ug/l #	99
73) Isopropylbenzene	10.484	105	190329	21.222	ug/l	98
74) N-amyl acetate	10.320	43	95346	22.430	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	92129	25.172	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	102361	22.853	ug/l	96
77) Bromobenzene	10.784	156	49927	20.728	ug/l	98
78) n-propylbenzene	10.906	91	218678	20.462	ug/l	100
79) 2-Chlorotoluene	10.986	91	144719	21.776	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	172000	22.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	25587	20.741	ug/l	94
82) 4-Chlorotoluene	11.095	91	164223	21.417	ug/l	99
83) tert-Butylbenzene	11.420	119	175681	23.469	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	167152	20.601	ug/l	98
85) sec-Butylbenzene	11.642	105	205573	21.952	ug/l	100
86) p-Isopropyltoluene	11.793	119	174872	21.745	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	94275	19.963	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	94286	19.325	ug/l	99
89) n-Butylbenzene	12.208	91	129049	17.516	ug/l	98
90) Hexachloroethane	12.475	117	34433	20.980	ug/l	97
91) 1,2-Dichlorobenzene	12.211	146	98664	20.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	23428	22.232	ug/l	94
93) 1,2,4-Trichlorobenzene	13.841	180	49798	15.907	ug/l	94
94) Hexachlorobutadiene	14.021	225	30622	20.407	ug/l	98
95) Naphthalene	14.089	128	143867	15.023	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	51865	16.727	ug/l	99

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Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

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Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

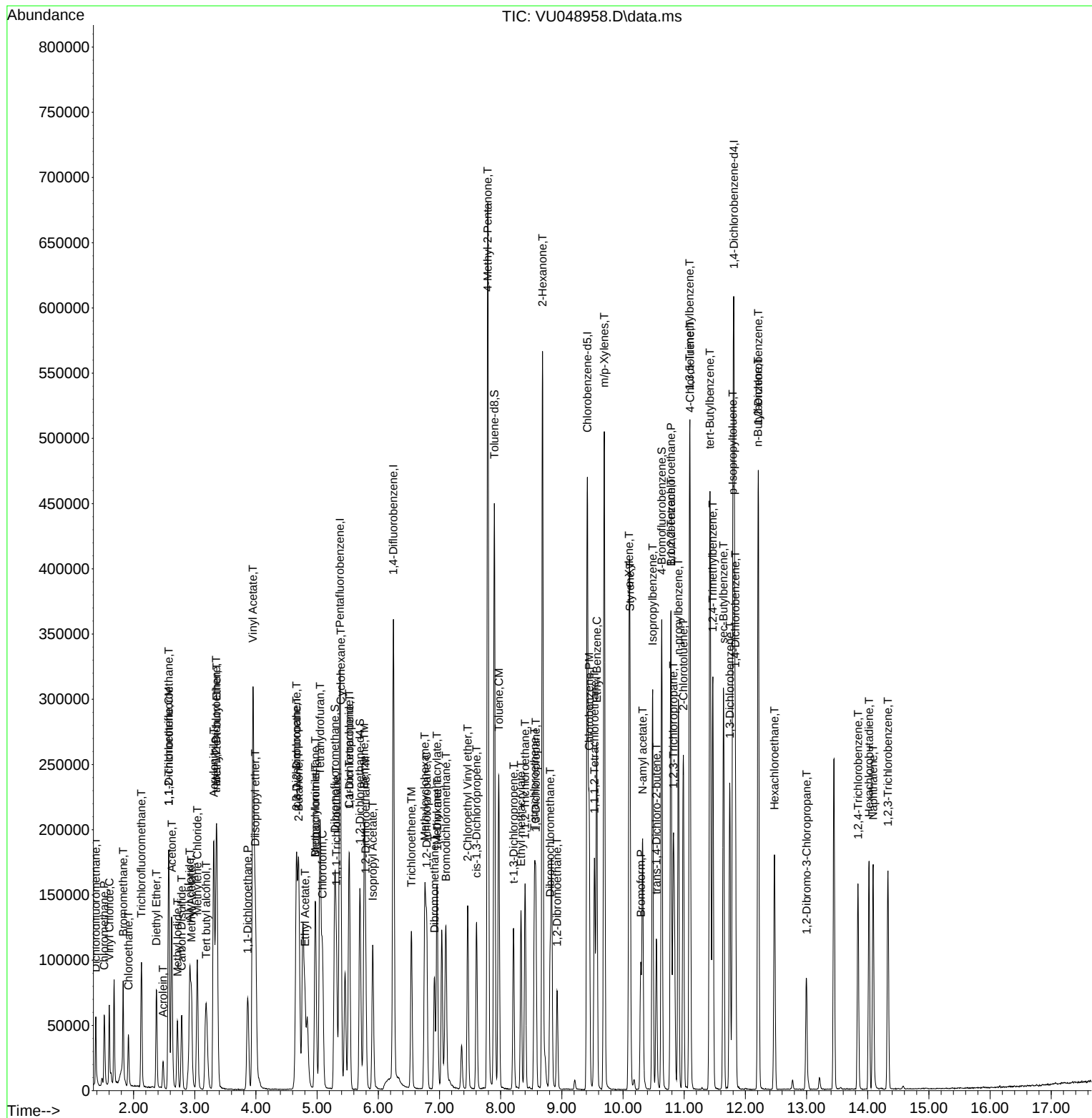
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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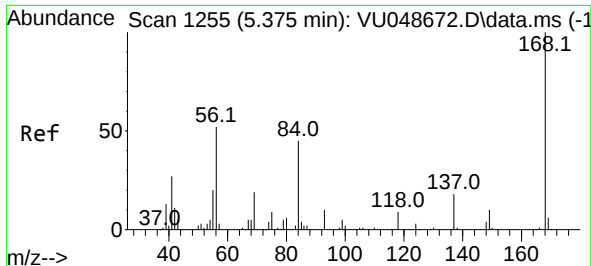
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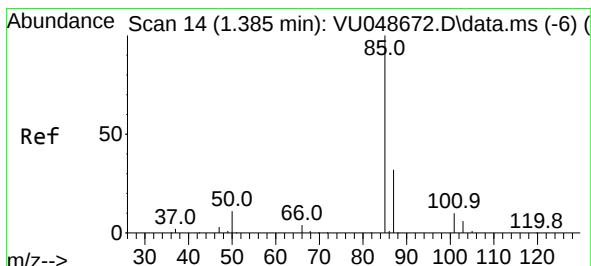
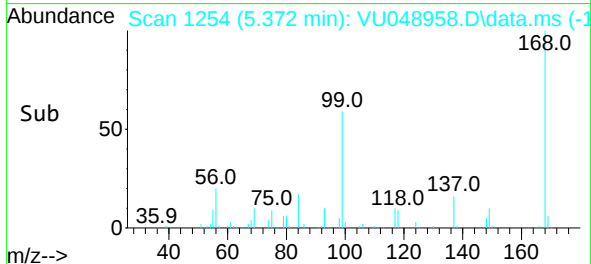
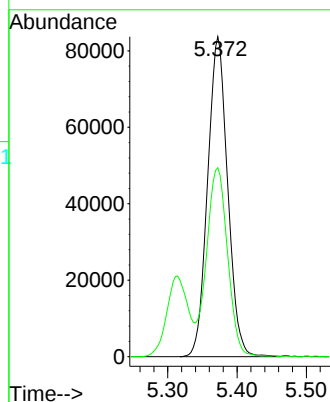
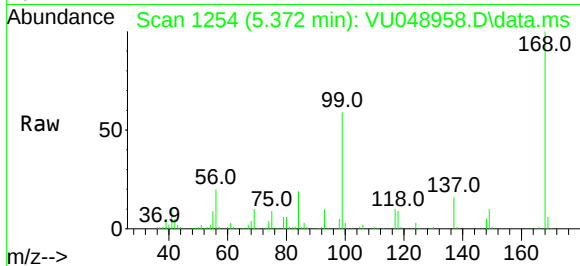




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048958.D
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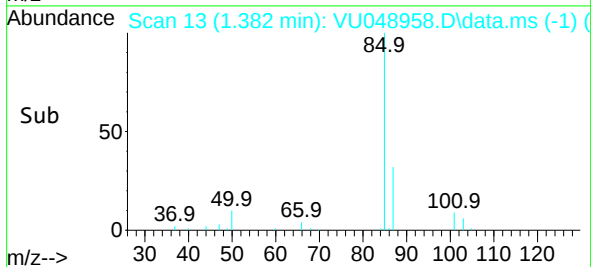
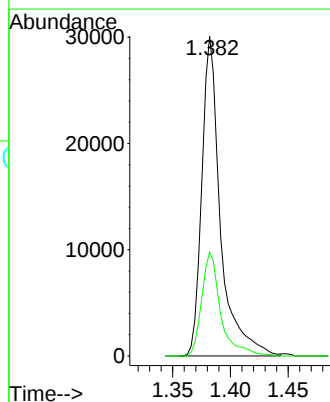
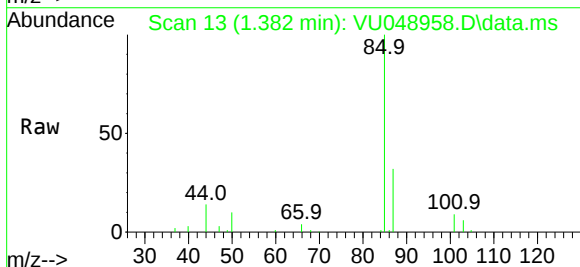
Instrument :
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ClientSampleId :
VU0608MBS01

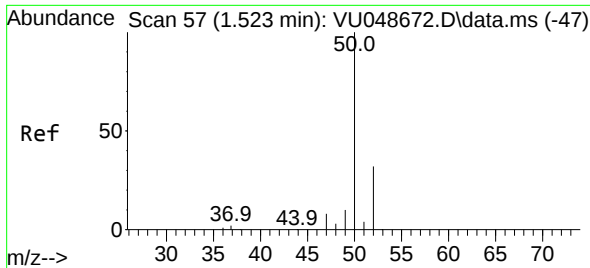
Tgt Ion:168 Resp: 167674
Ion Ratio Lower Upper
168 100
99 59.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 17.629 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 85 Resp: 33838
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0

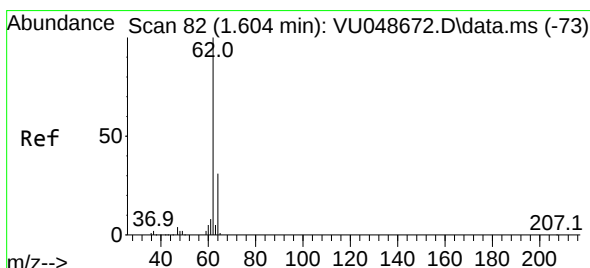
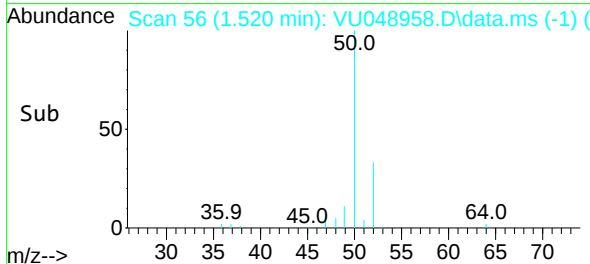
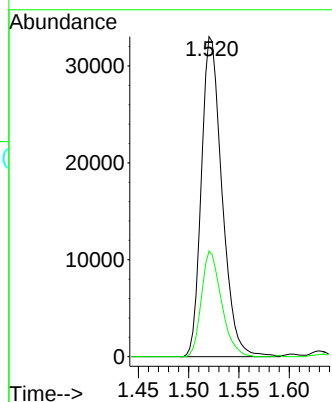
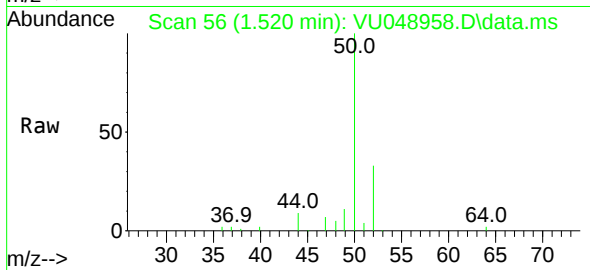




#3
Chloromethane
Concen: 19.055 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

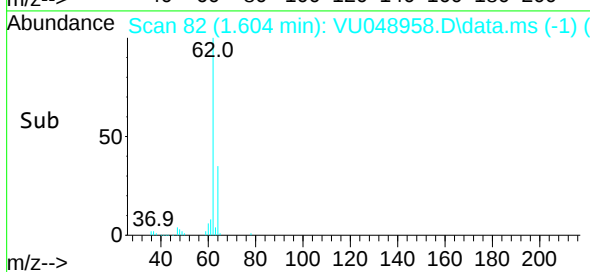
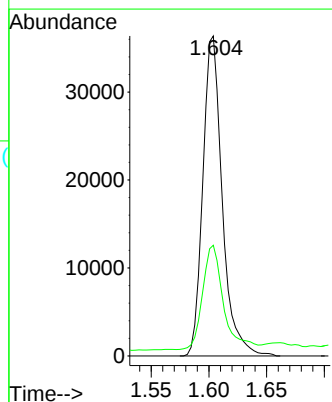
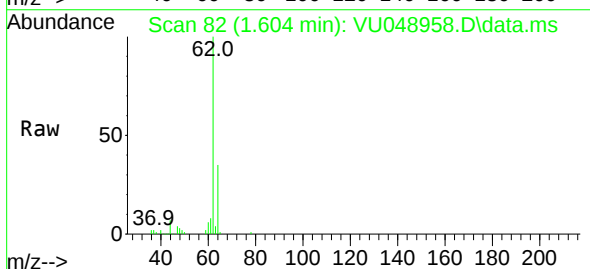
Instrument :
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ClientSampleId :
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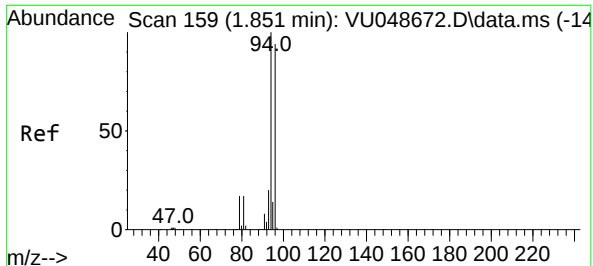
Tgt Ion: 50 Resp: 47084
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5



#4
Vinyl Chloride
Concen: 18.539 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 62 Resp: 42428
Ion Ratio Lower Upper
62 100
64 32.6 25.2 37.8

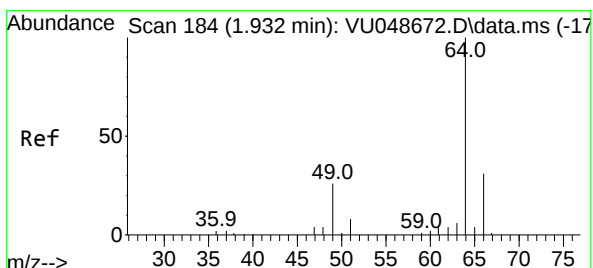
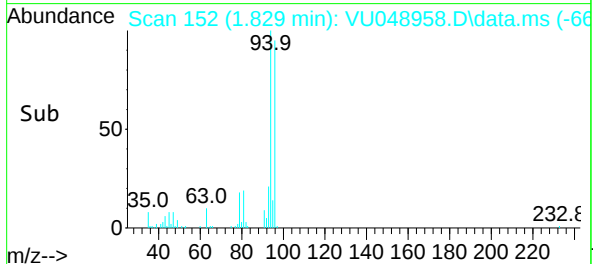
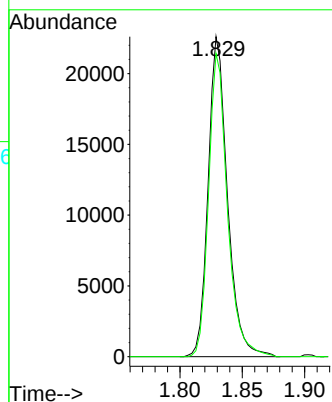
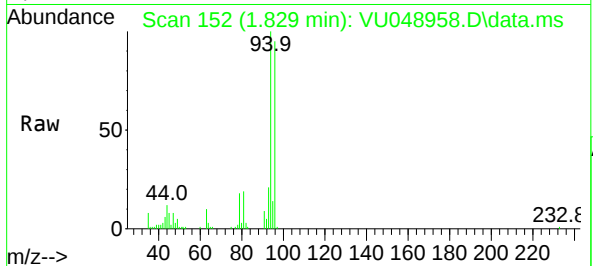




#5
Bromomethane
Concen: 16.233 ug/l
RT: 1.829 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

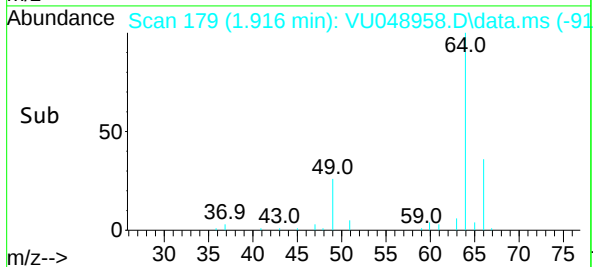
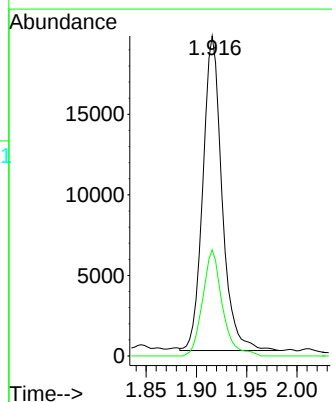
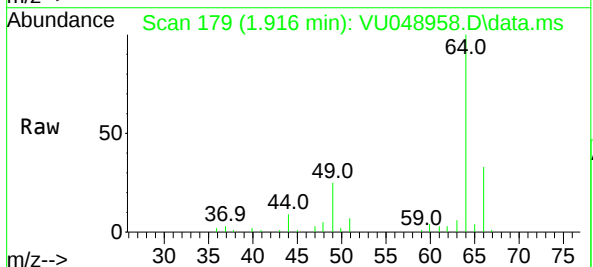
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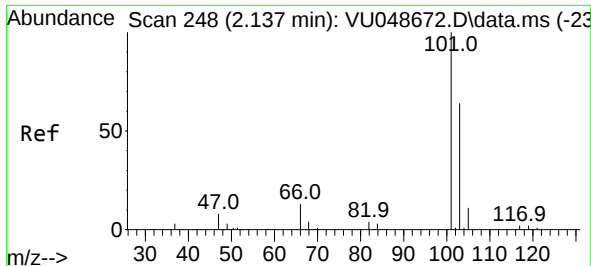
Tgt Ion: 94 Resp: 24466
Ion Ratio Lower Upper
94 100
96 94.8 75.1 112.7



#6
Chloroethane
Concen: 19.011 ug/l
RT: 1.916 min Scan# 179
Delta R.T. -0.016 min
Lab File: VU048958.D
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Tgt Ion: 64 Resp: 25819
Ion Ratio Lower Upper
64 100
66 33.7 25.2 37.8

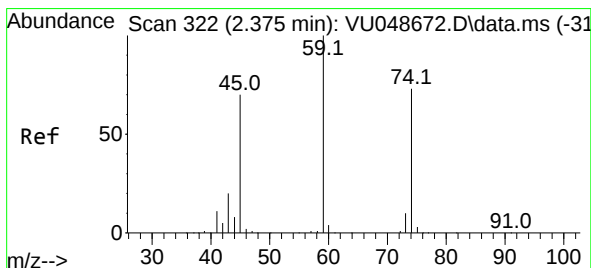
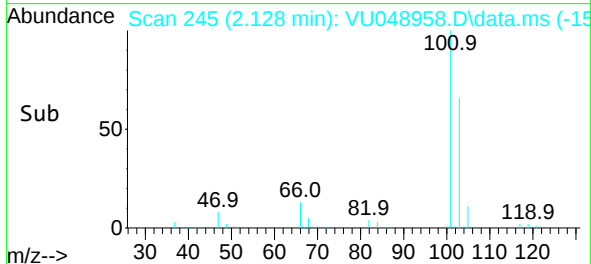
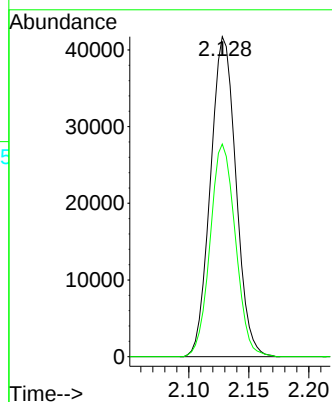
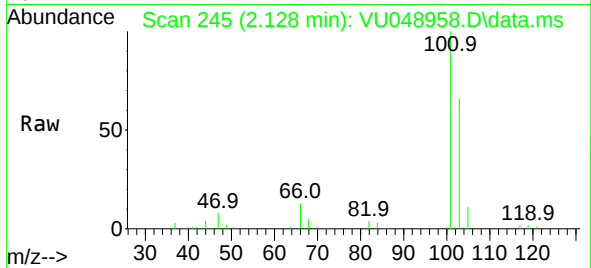




#7
Trichlorofluoromethane
Concen: 18.868 ug/l
RT: 2.128 min Scan# 248
Delta R.T. -0.010 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

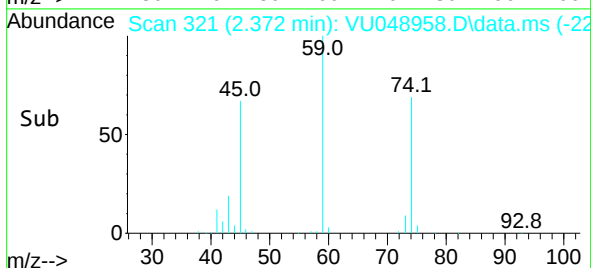
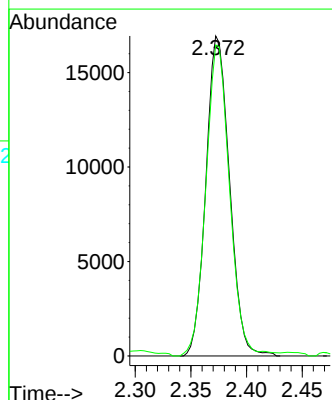
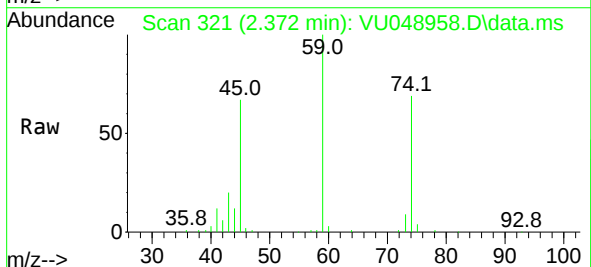
Instrument :
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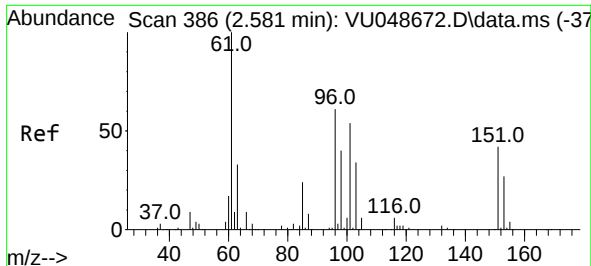
Tgt Ion:101 Resp: 61673
Ion Ratio Lower Upper
101 100
103 66.4 51.0 76.4



#8
Diethyl Ether
Concen: 20.740 ug/l
RT: 2.372 min Scan# 321
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 74 Resp: 25016
Ion Ratio Lower Upper
74 100
45 98.0 47.7 143.1

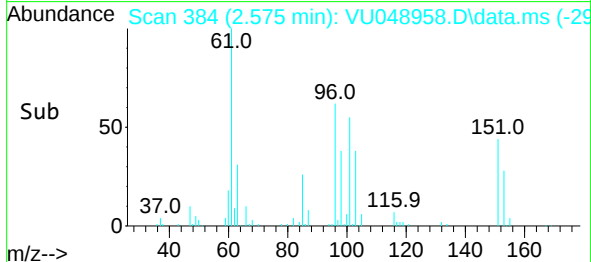
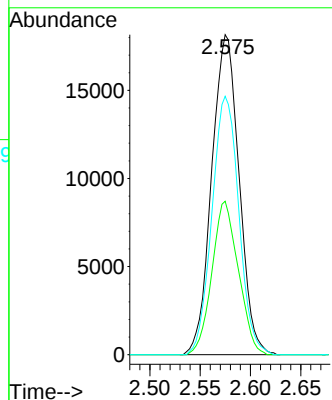
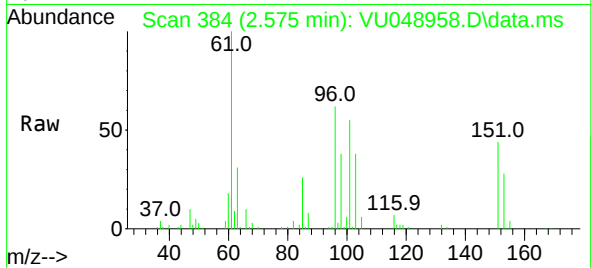




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.239 ug/l
RT: 2.575 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

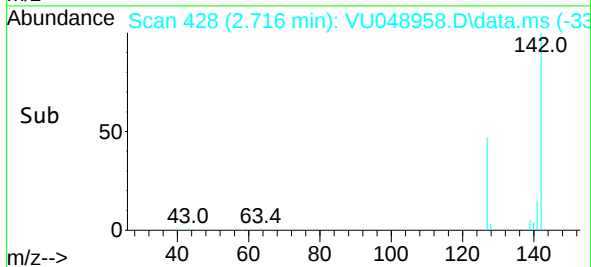
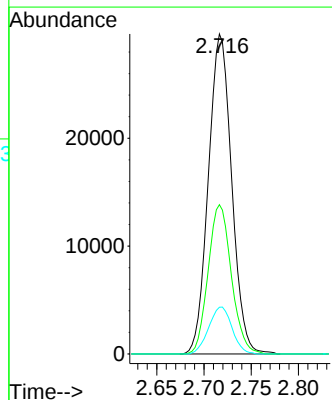
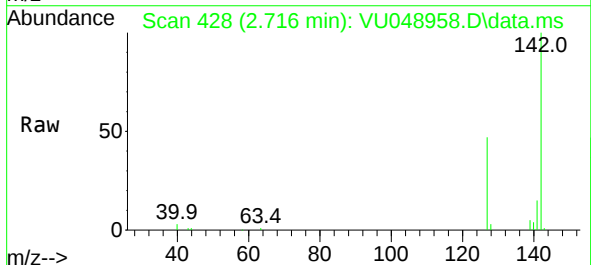
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

Tgt Ion:101 Resp: 34422
Ion Ratio Lower Upper
101 100
85 46.1 35.4 53.2
151 79.3 62.5 93.7



#10
Methyl Iodide
Concen: 20.997 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.007 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion:142 Resp: 50875
Ion Ratio Lower Upper
142 100
127 46.5 38.4 57.6
141 14.7 11.5 17.3

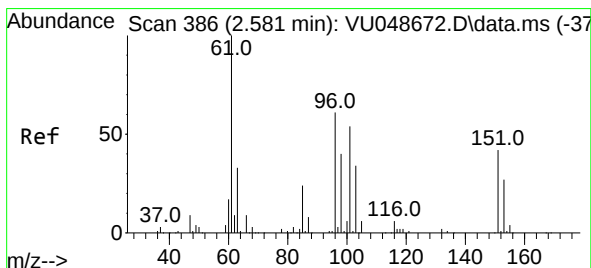
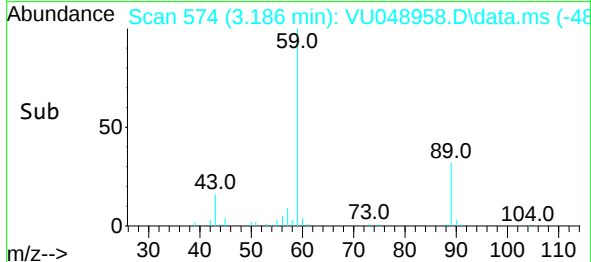
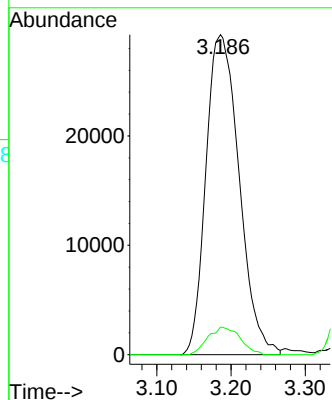
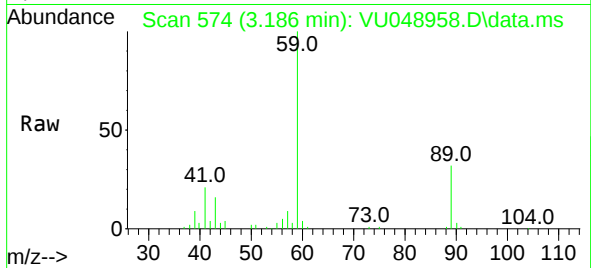




#11
Tert butyl alcohol
Concen: 142.436 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

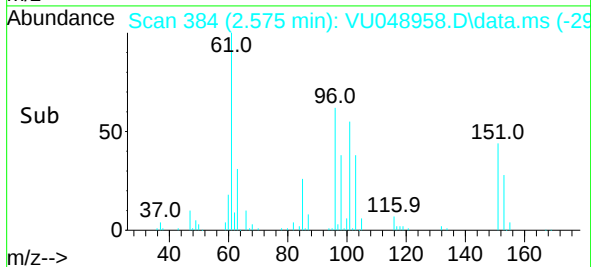
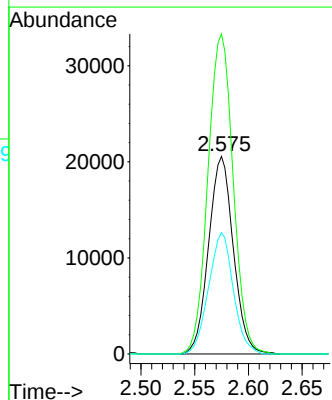
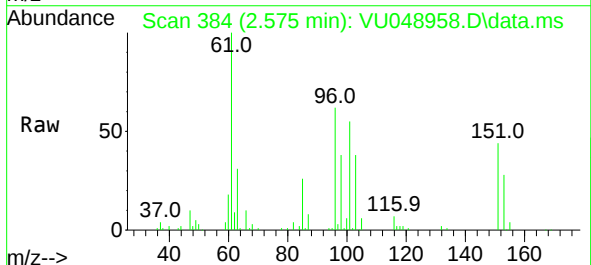
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

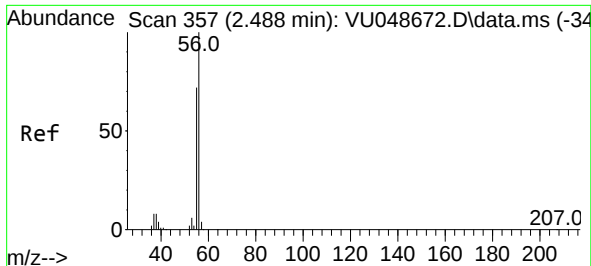
Tgt Ion: 59 Resp: 90934
Ion Ratio Lower Upper
59 100
57 8.4 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 19.296 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 96 Resp: 32930
Ion Ratio Lower Upper
96 100
61 161.9 131.1 196.7
98 61.5 51.8 77.8

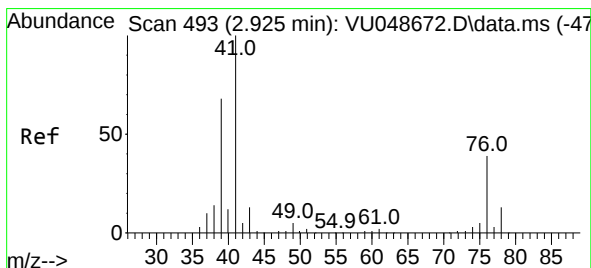
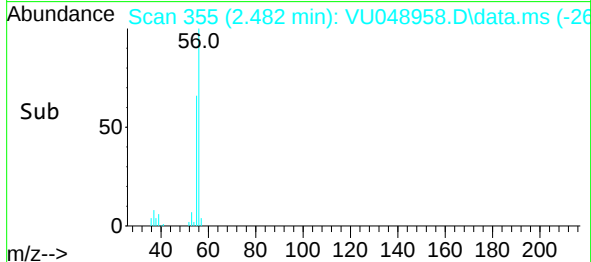
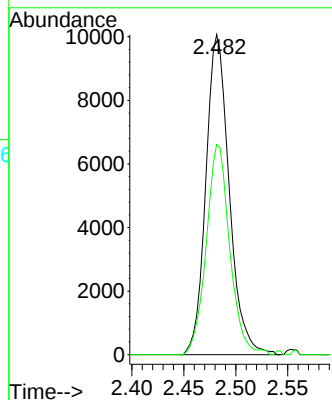
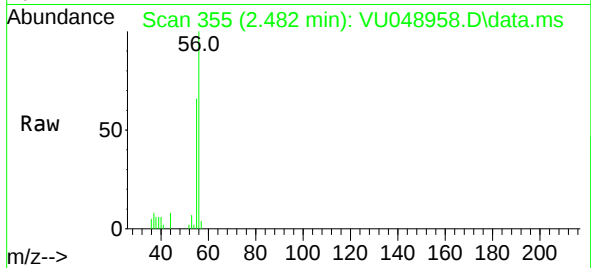




#13
Acrolein
Concen: 71.362 ug/l
RT: 2.482 min Scan# 313
Delta R.T. -0.006 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

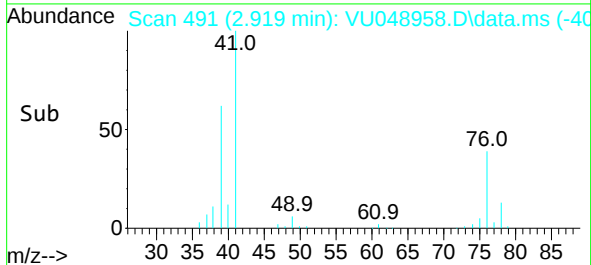
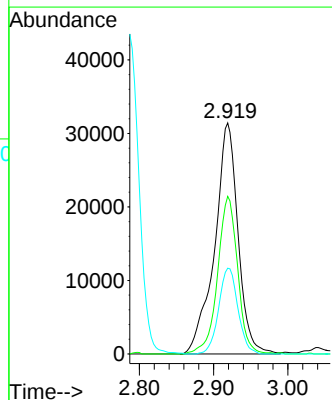
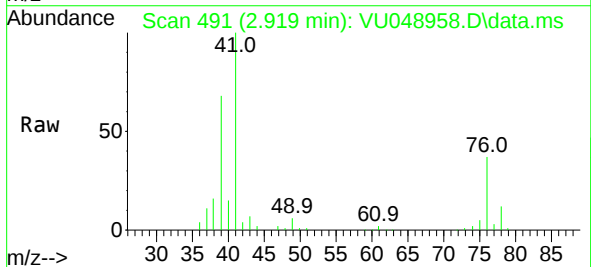
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

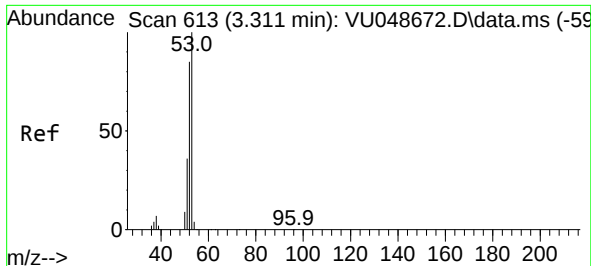
Tgt Ion: 56 Resp: 15740
Ion Ratio Lower Upper
56 100
55 66.0 57.7 86.5



#14
Allyl chloride
Concen: 20.879 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.006 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

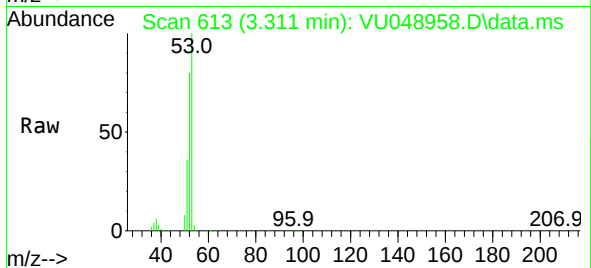
Tgt Ion: 41 Resp: 69015
Ion Ratio Lower Upper
41 100
39 58.3 48.6 72.8
76 30.5 27.0 40.4



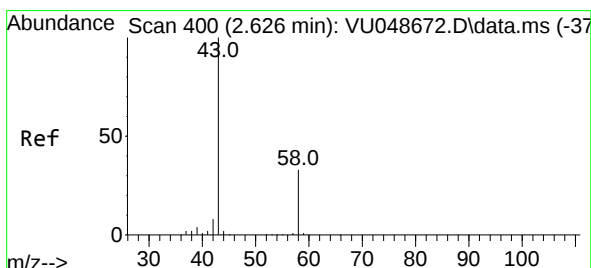
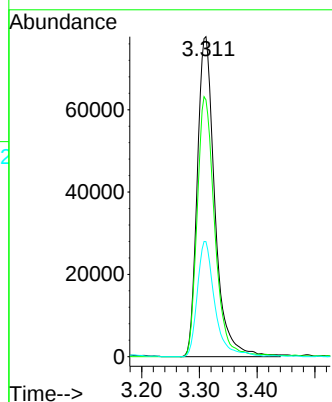
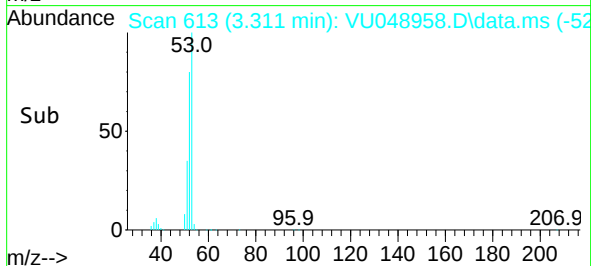


#15
Acrylonitrile
Concen: 118.740 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

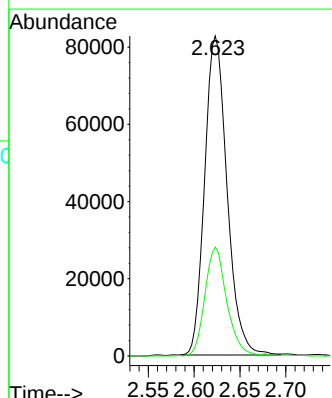
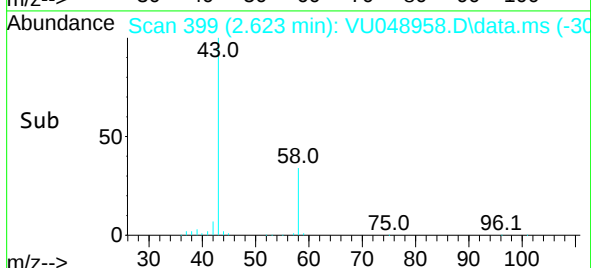
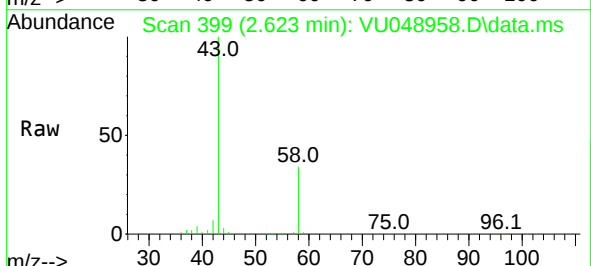


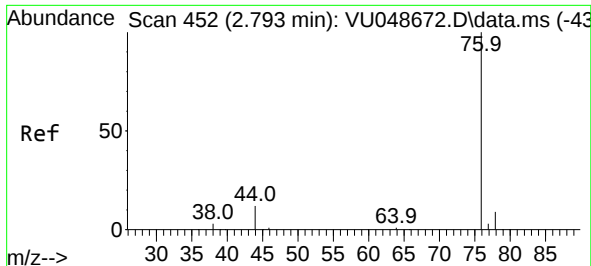
Tgt Ion: 53 Resp: 164409
Ion Ratio Lower Upper
53 100
52 80.9 66.3 99.5
51 35.9 28.6 42.8



#16
Acetone
Concen: 109.426 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

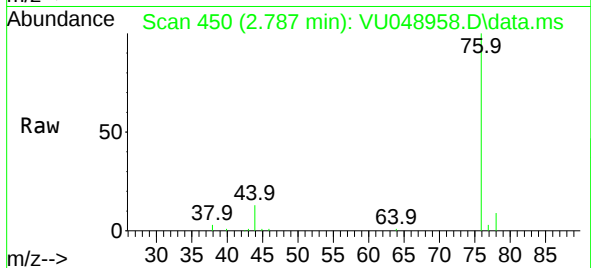
Tgt Ion: 43 Resp: 140427
Ion Ratio Lower Upper
43 100
58 34.0 26.3 39.5



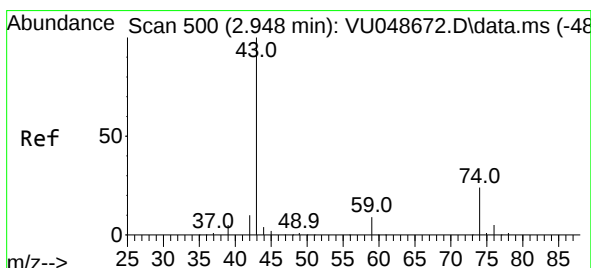
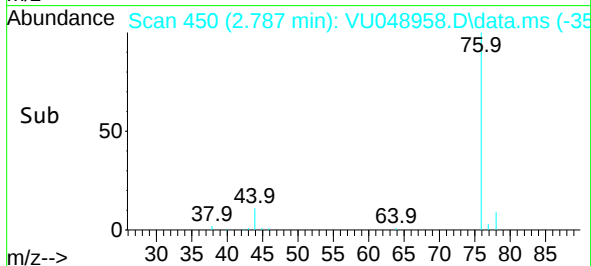
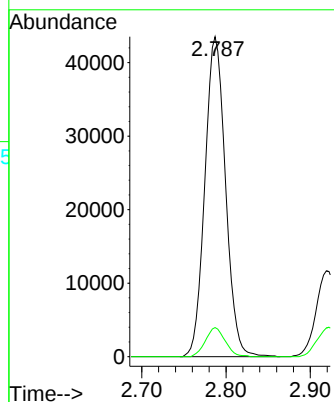


#17
Carbon Disulfide
Concen: 14.893 ug/l
RT: 2.787 min Scan# 417
Delta R.T. -0.006 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

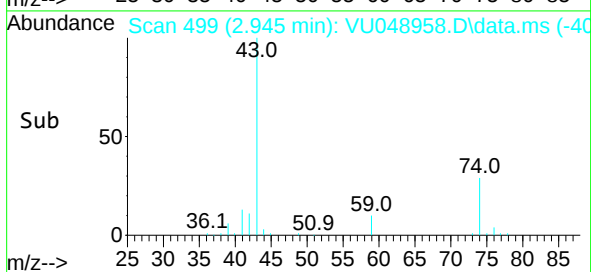
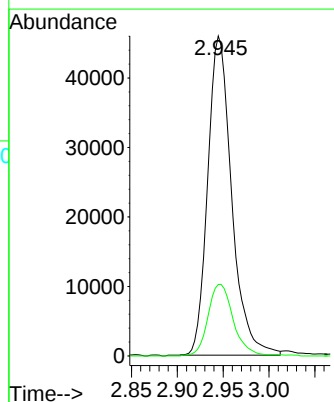
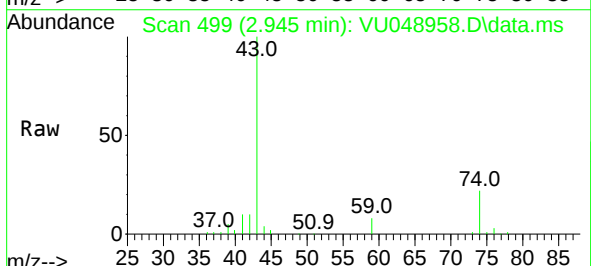


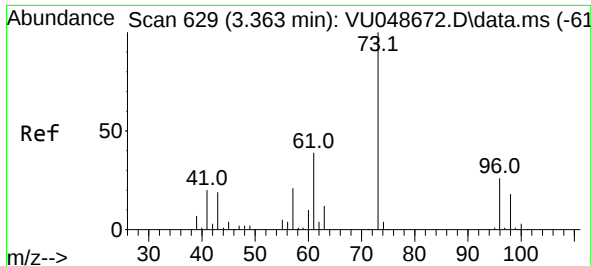
Tgt Ion: 76 Resp: 74197
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 25.960 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 43 Resp: 83646
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 22.145 ug/l

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

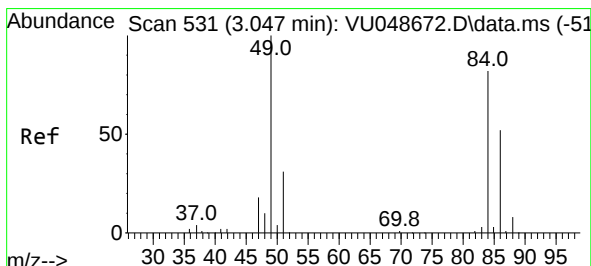
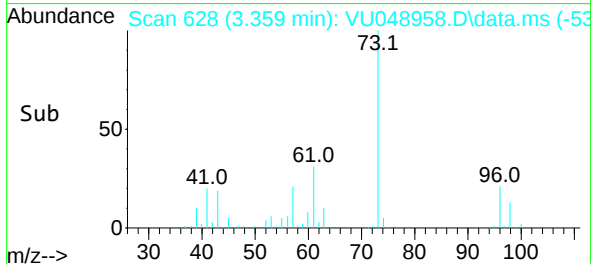
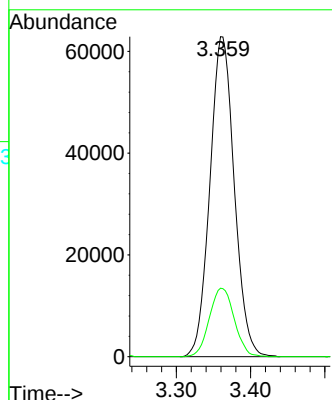
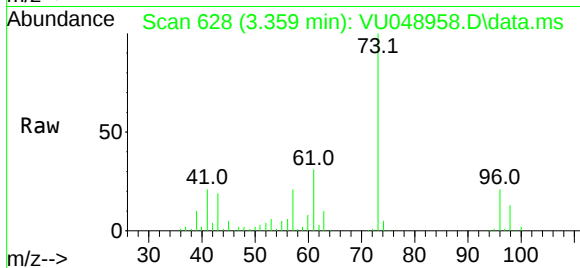
VU0608MBS01

Tgt Ion: 73 Resp: 143395

Ion Ratio Lower Upper

73 100

57 21.4 17.1 25.7



#20

Methylene Chloride

Concen: 20.553 ug/l

RT: 3.041 min Scan# 529

Delta R.T. -0.006 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Tgt Ion: 84 Resp: 44852

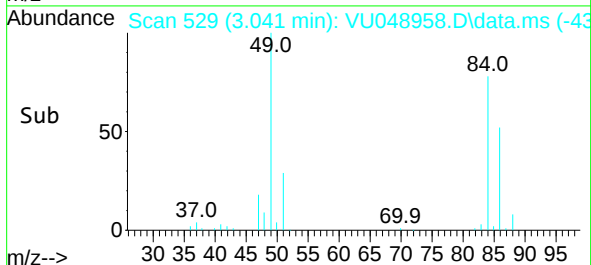
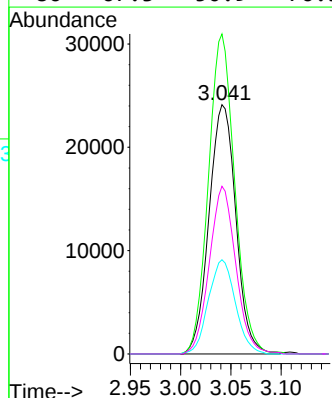
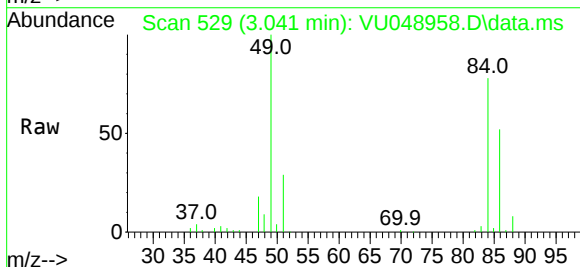
Ion Ratio Lower Upper

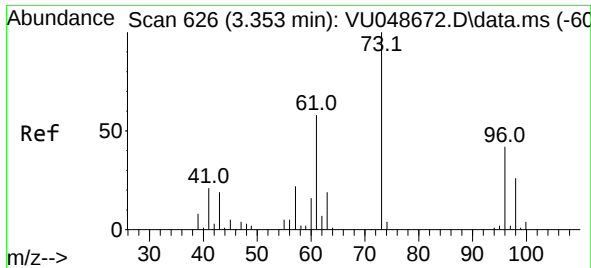
84 100

49 128.3 97.0 145.4

51 37.8 29.8 44.8

86 67.3 50.9 76.3

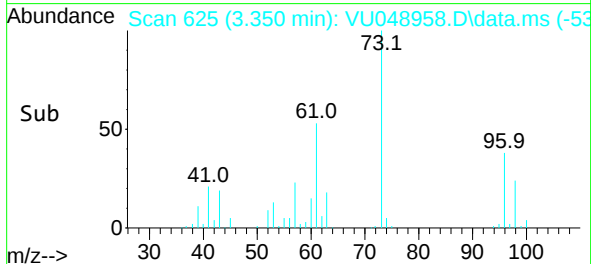
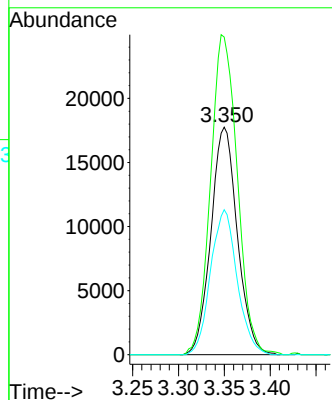
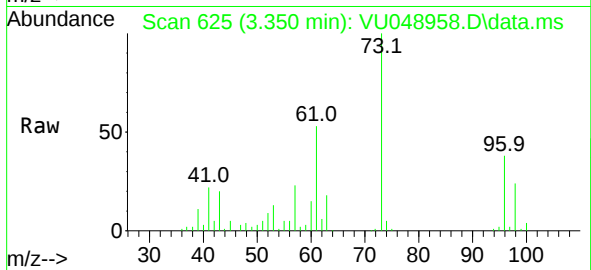




#21
trans-1,2-Dichloroethene
Concen: 18.260 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

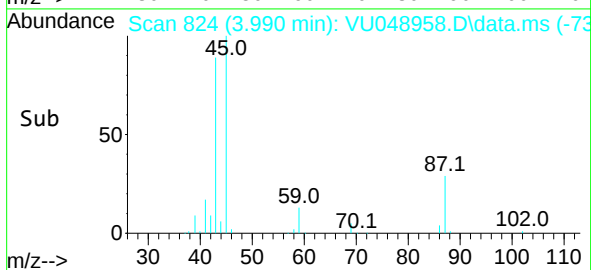
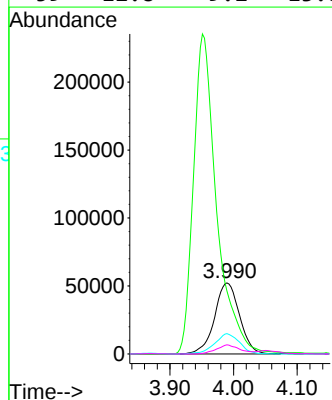
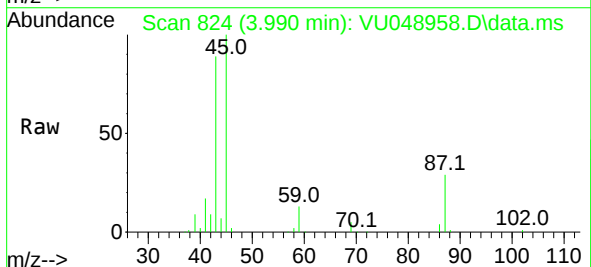
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

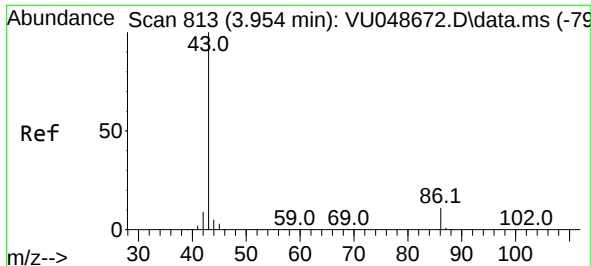
Tgt Ion: 96 Resp: 35645
Ion Ratio Lower Upper
96 100
61 139.5 109.4 164.2
98 63.7 48.9 73.3



#22
Diisopropyl ether
Concen: 23.320 ug/l
RT: 3.990 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 45 Resp: 142187
Ion Ratio Lower Upper
45 100
43 86.4 65.2 97.8
87 28.6 22.7 34.1
59 12.8 9.2 13.8

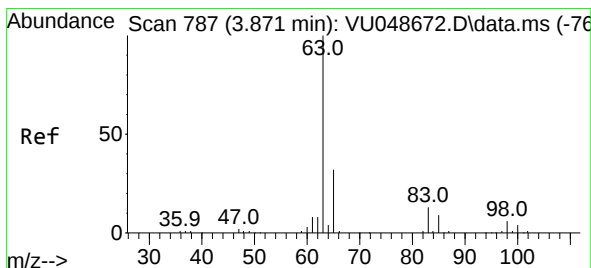
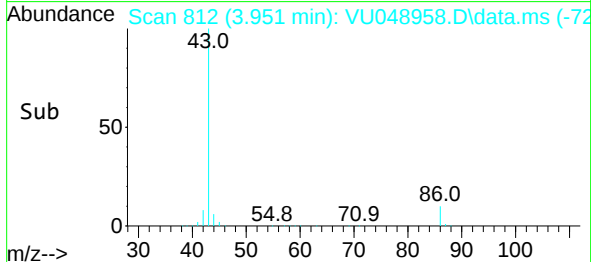
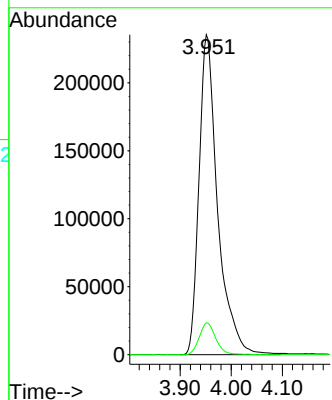
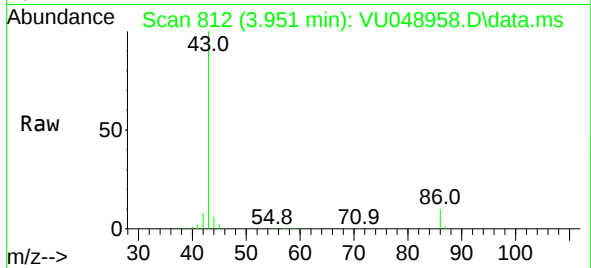




#23
 Vinyl Acetate
 Concen: 112.943 ug/l
 RT: 3.951 min Scan# 813
 Delta R.T. -0.003 min
 Lab File: VU048958.D
 Acq: 08 Jun 2022 12:57

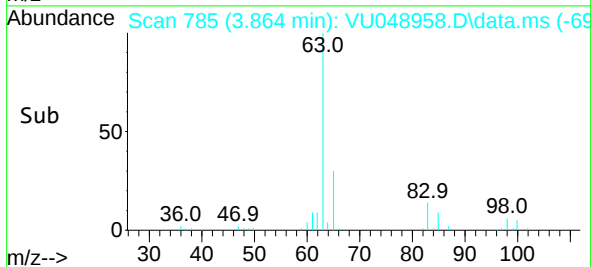
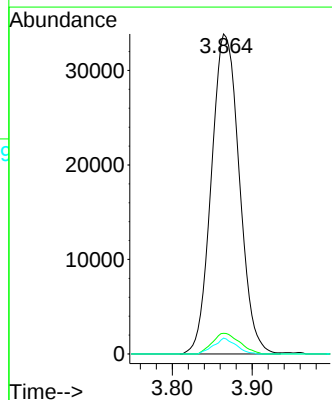
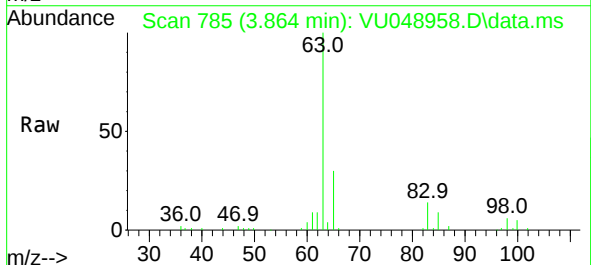
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608MBS01

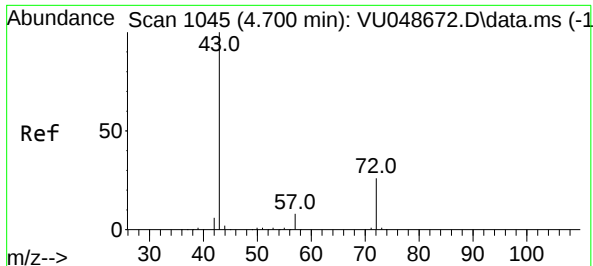
Tgt Ion: 43 Resp: 596641
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 21.443 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VU048958.D
 Acq: 08 Jun 2022 12:57

Tgt Ion: 63 Resp: 82113
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 4.9 2.0 5.8

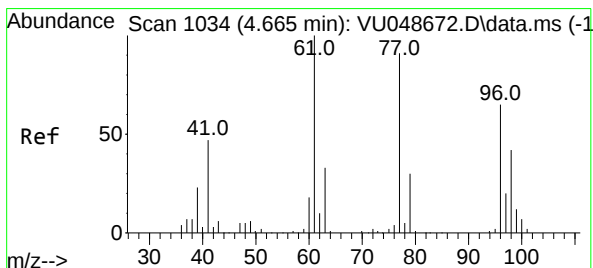
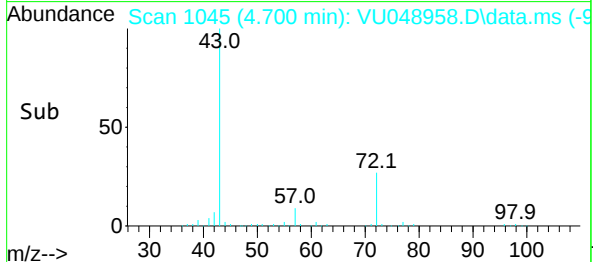
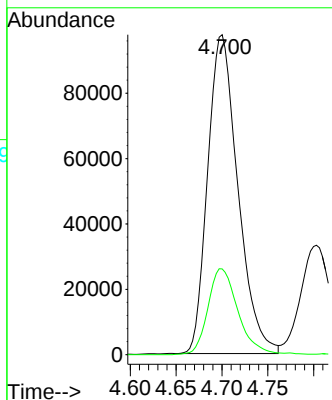
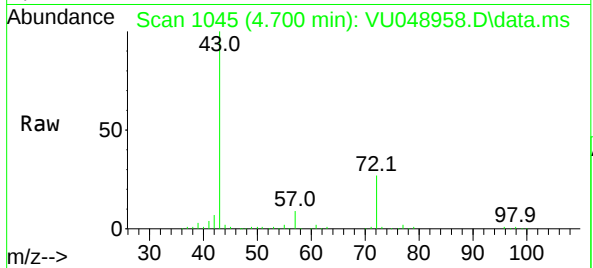




#25
2-Butanone
Concen: 121.381 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

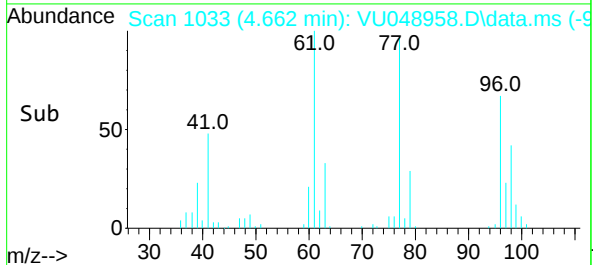
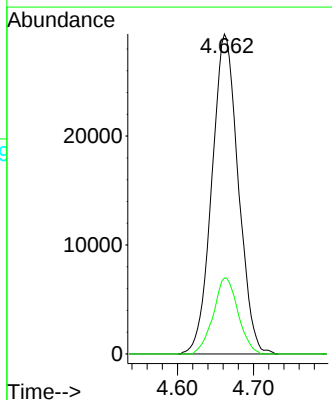
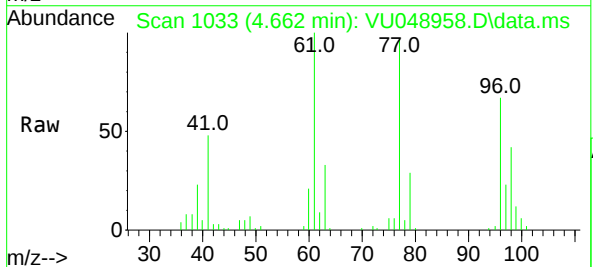
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

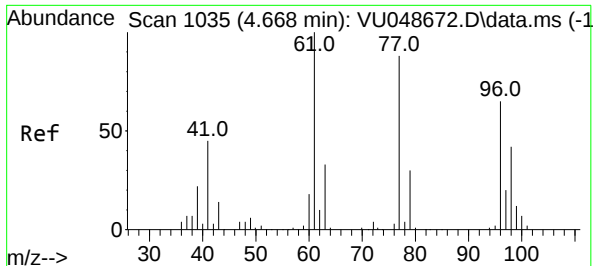
Tgt Ion: 43 Resp: 223777
Ion Ratio Lower Upper
43 100
72 26.7 21.1 31.7



#26
2,2-Dichloropropane
Concen: 20.612 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 77 Resp: 70811
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.322 ug/l

RT: 4.665 min Scan# 110

Delta R.T. -0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBS01

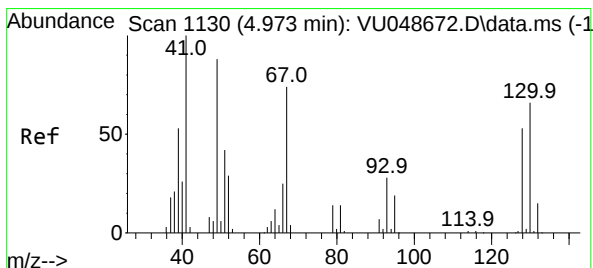
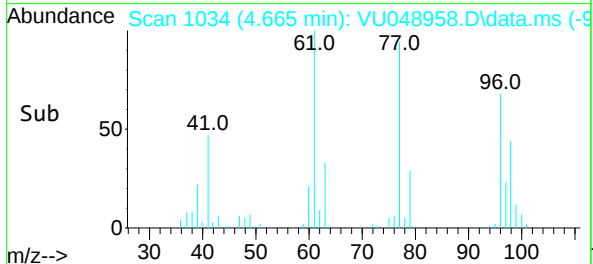
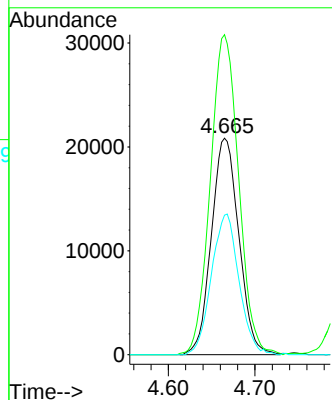
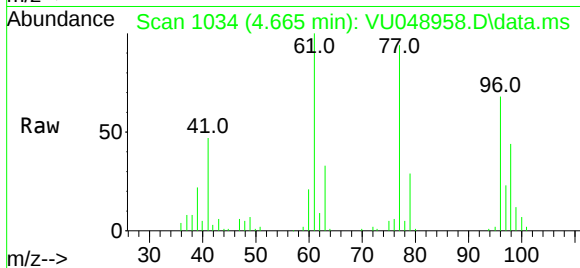
Tgt Ion: 96 Resp: 45918

Ion Ratio Lower Upper

96 100

61 152.2 0.0 306.2

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 22.341 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

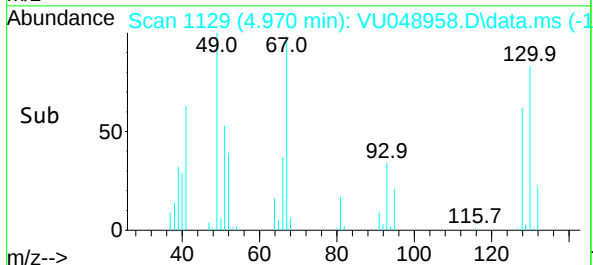
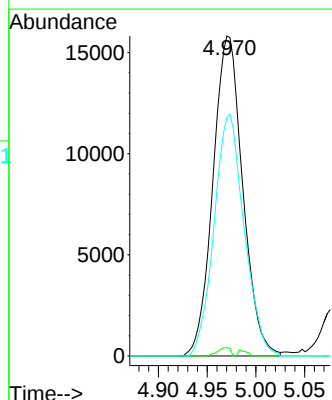
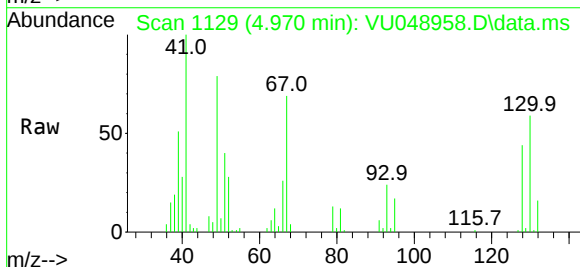
Tgt Ion: 49 Resp: 33556

Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 76.1 62.1 93.1





#29

Tetrahydrofuran

Concen: 120.590 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBSD01

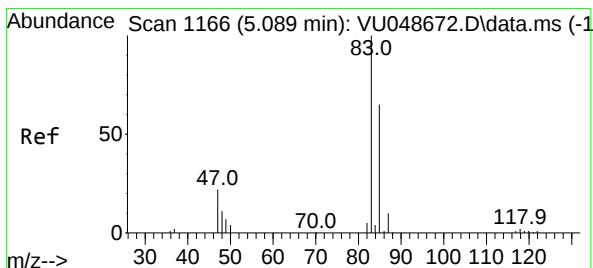
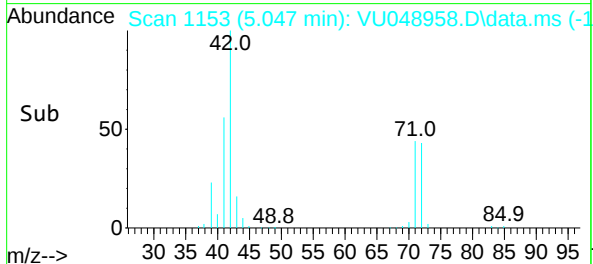
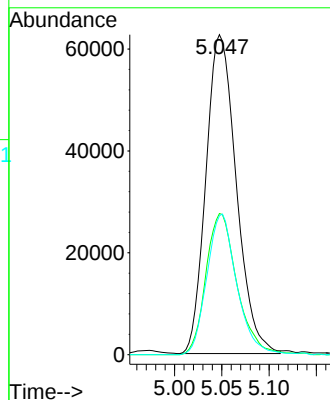
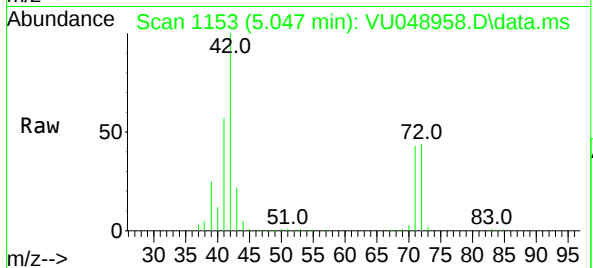
Tgt Ion: 42 Resp: 140037

Ion Ratio Lower Upper

42 100

72 45.3 37.6 56.4

71 43.3 35.0 52.4



#30

Chloroform

Concen: 22.354 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048958.D

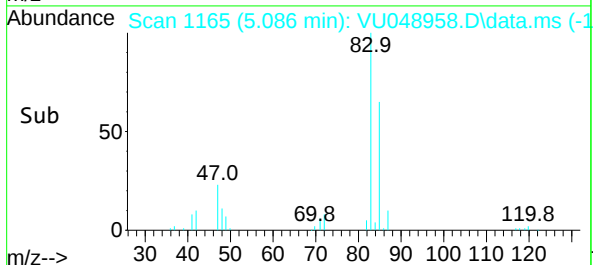
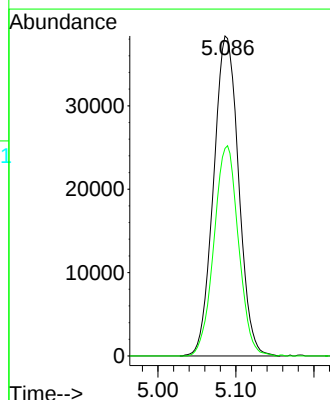
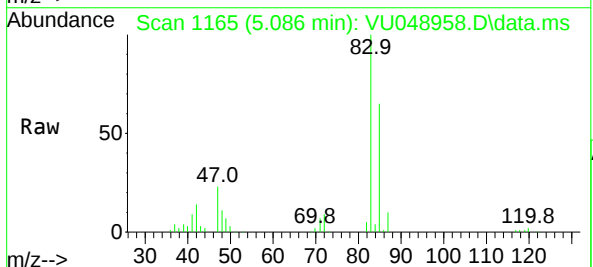
Acq: 08 Jun 2022 12:57

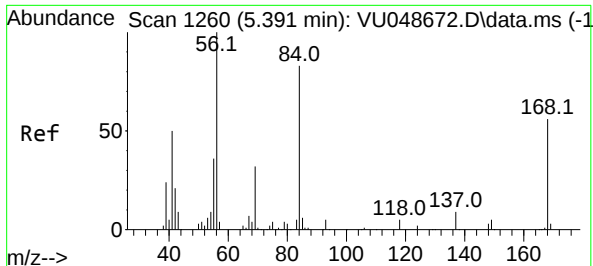
Tgt Ion: 83 Resp: 85650

Ion Ratio Lower Upper

83 100

85 64.8 52.2 78.2





#31

Cyclohexane

Concen: 18.309 ug/l

RT: 5.385 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBSD01

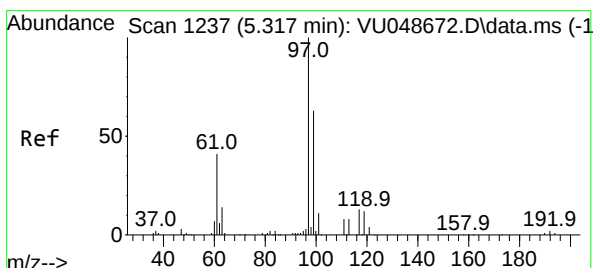
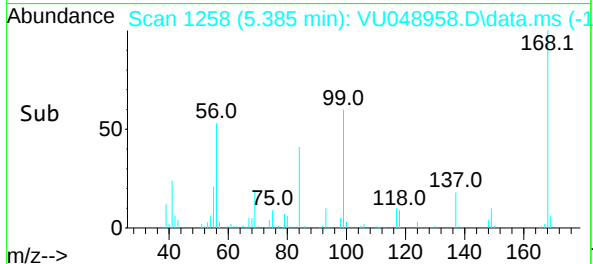
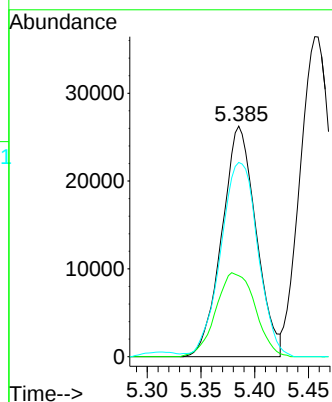
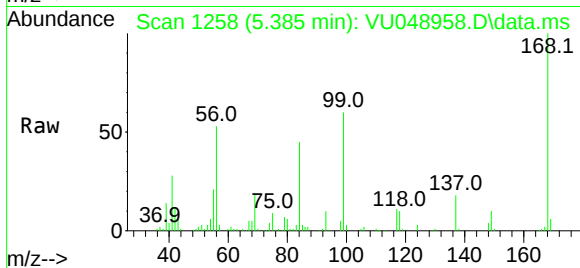
Tgt Ion: 56 Resp: 58102

Ion Ratio Lower Upper

56 100

69 35.1 25.6 38.4

84 83.0 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 20.322 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

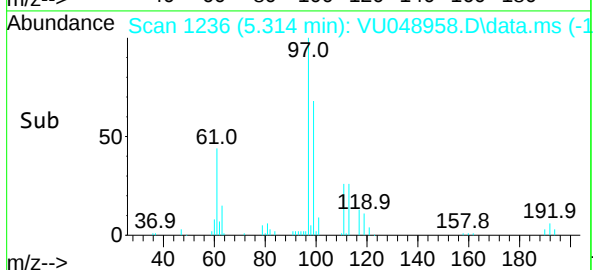
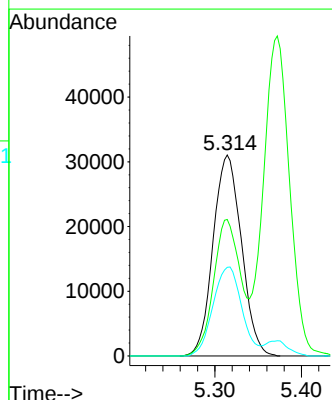
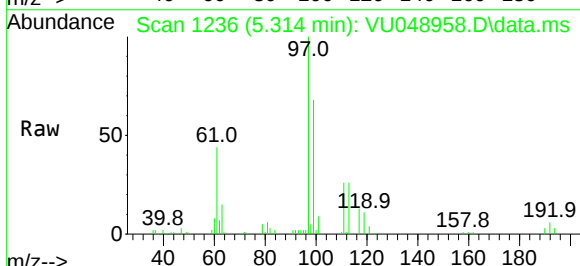
Tgt Ion: 97 Resp: 70642

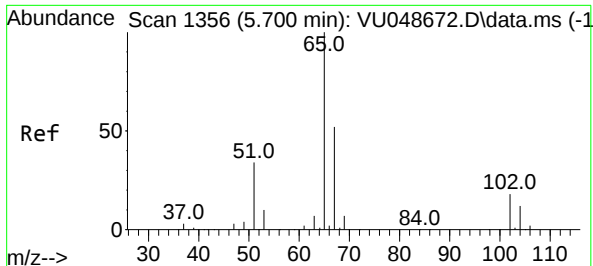
Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 45.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.331 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

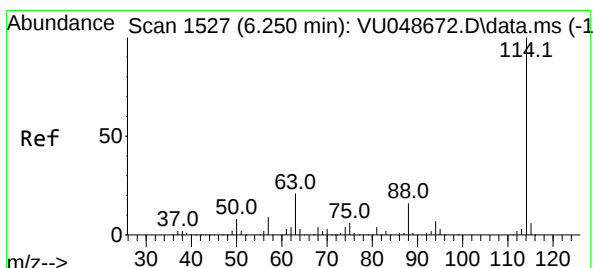
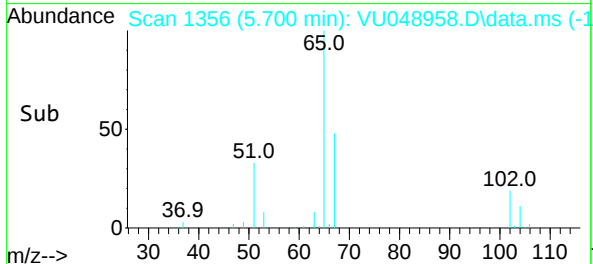
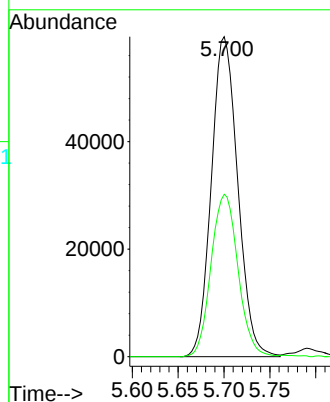
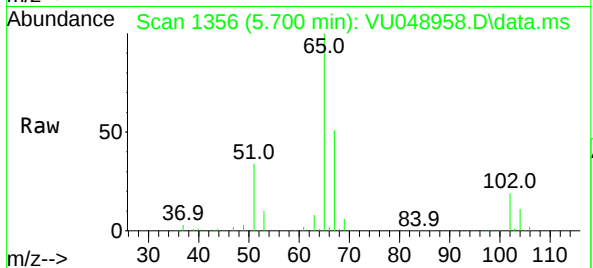
VU0608MBS01

Tgt Ion: 65 Resp: 119186

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

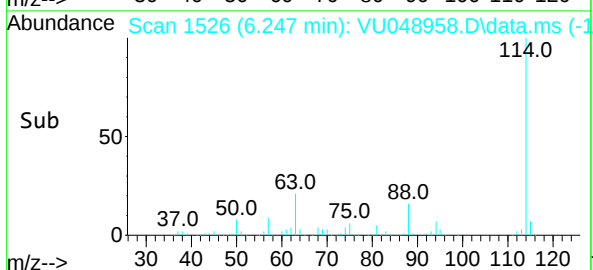
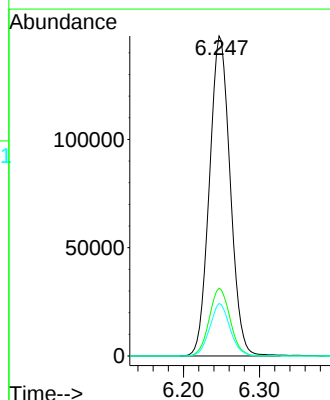
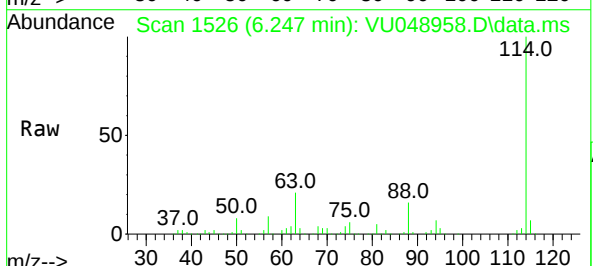
Tgt Ion: 114 Resp: 280058

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

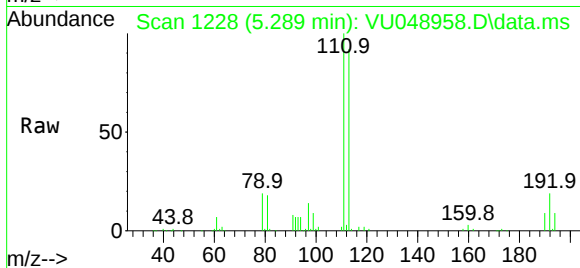
88 16.4 0.0 32.2



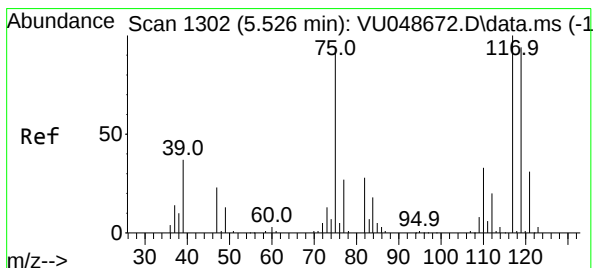
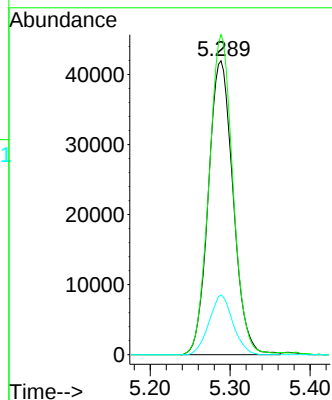
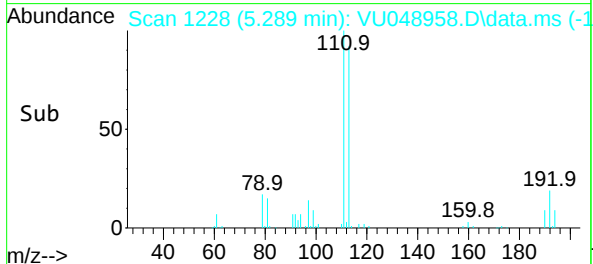


#35
Dibromofluoromethane
Concen: 45.159 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

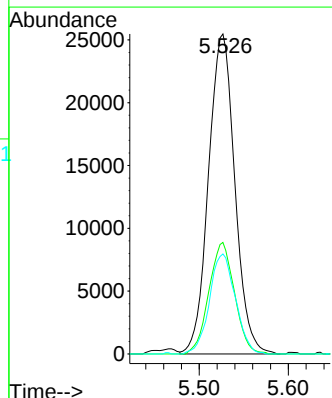
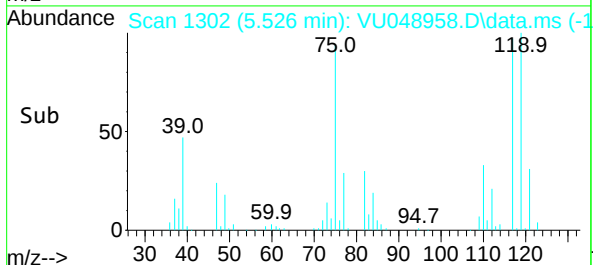
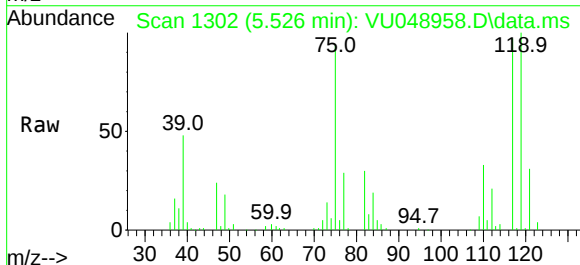


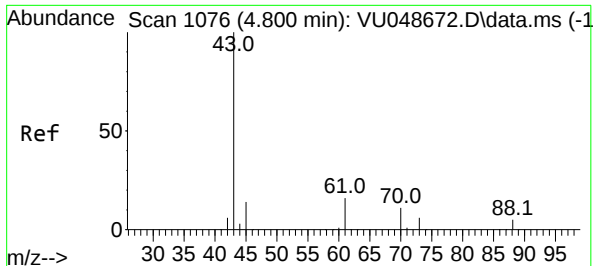
Tgt Ion:113 Resp: 90227
Ion Ratio Lower Upper
113 100
111 105.3 80.7 121.1
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 17.954 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 75 Resp: 52356
Ion Ratio Lower Upper
75 100
110 33.9 17.4 52.3
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 21.358 ug/l

RT: 4.803 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBS01

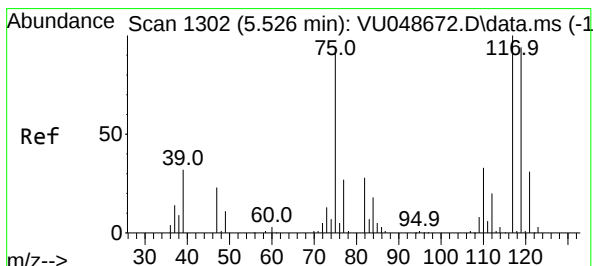
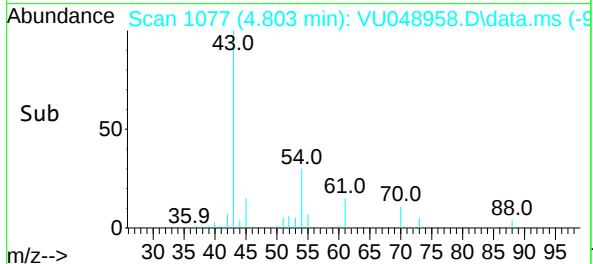
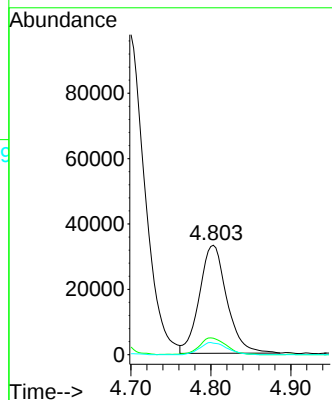
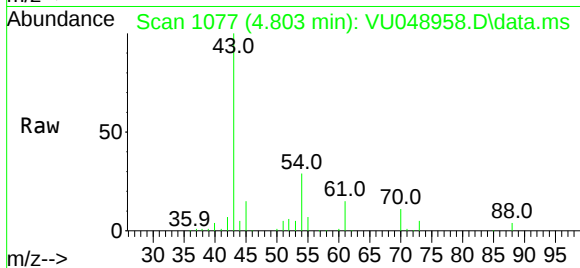
Tgt Ion: 43 Resp: 78733

Ion Ratio Lower Upper

43 100

61 15.3 11.7 17.5

70 11.1 8.4 12.6



#38

Carbon Tetrachloride

Concen: 18.084 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

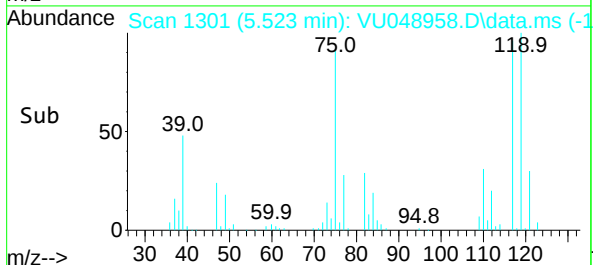
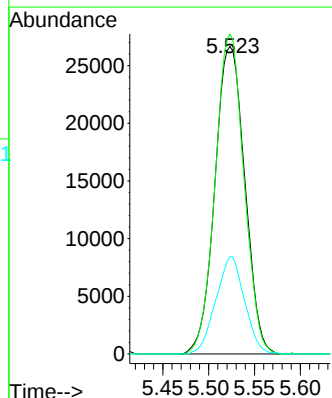
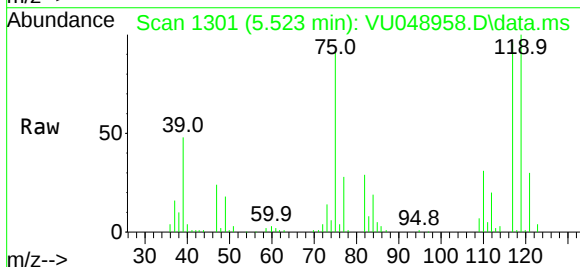
Tgt Ion: 117 Resp: 60501

Ion Ratio Lower Upper

117 100

119 104.1 75.4 113.2

121 31.6 24.6 36.8





#39

Methylcyclohexane

Concen: 17.940 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBSD01

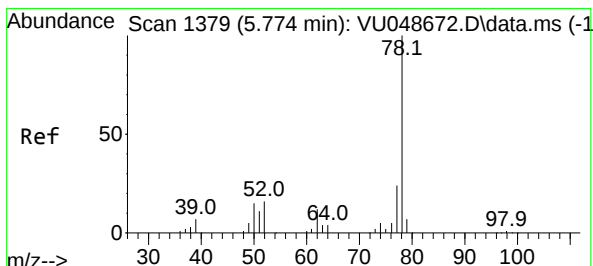
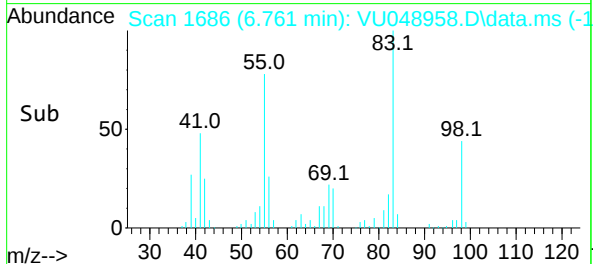
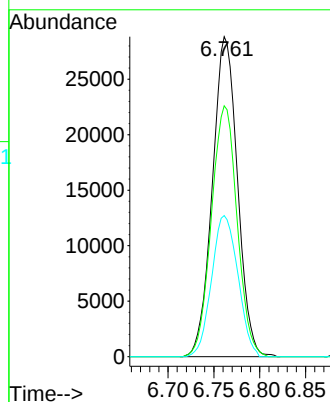
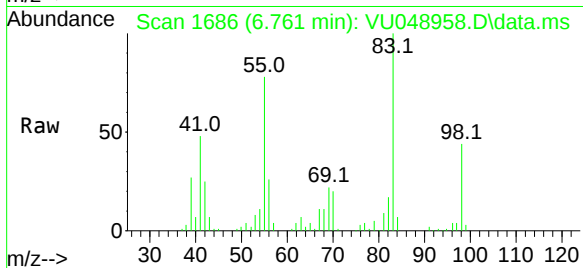
Tgt Ion: 83 Resp: 54854

Ion Ratio Lower Upper

83 100

55 78.4 61.0 91.6

98 44.1 36.8 55.2



#40

Benzene

Concen: 19.478 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.003 min

Lab File: VU048958.D

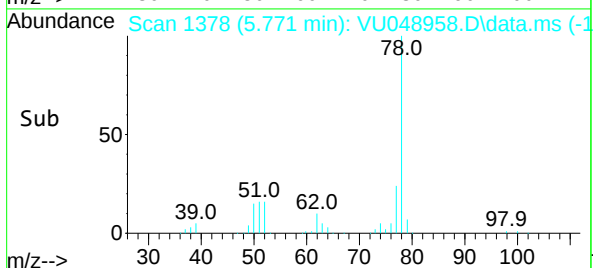
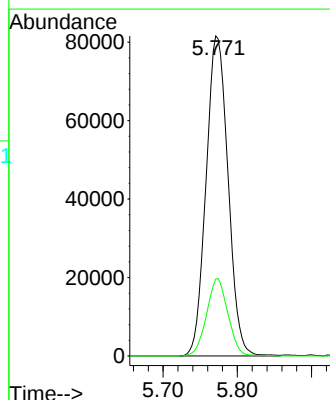
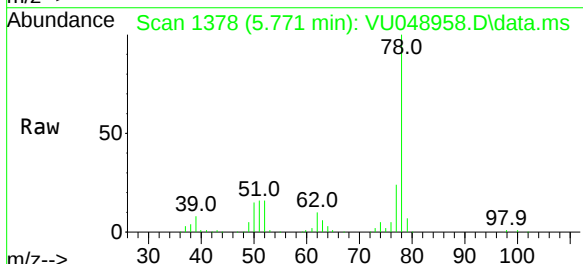
Acq: 08 Jun 2022 12:57

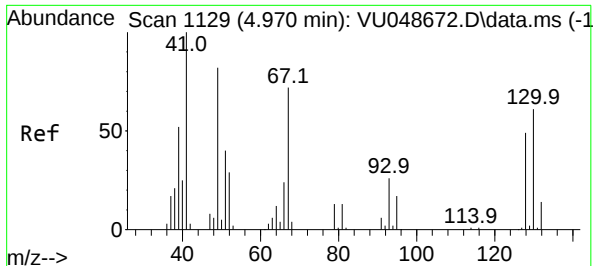
Tgt Ion: 78 Resp: 167684

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

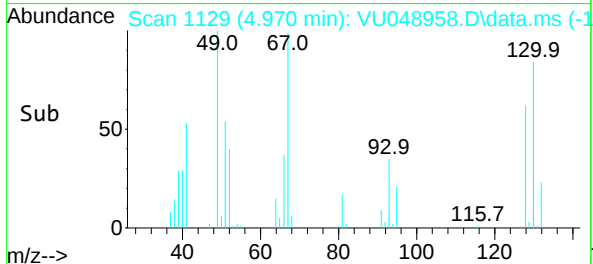
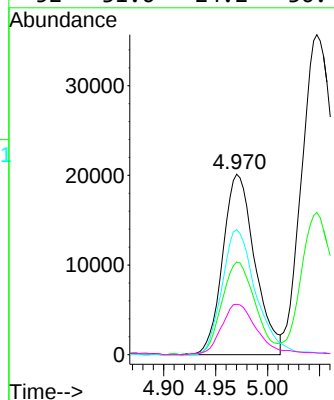
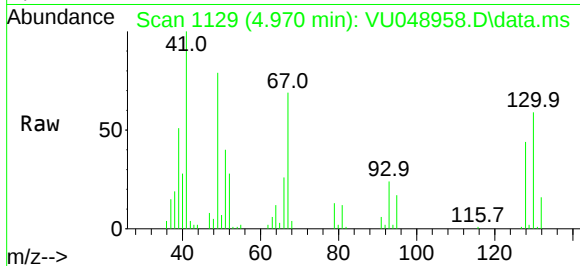




#41
Methacrylonitrile
Concen: 23.222 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

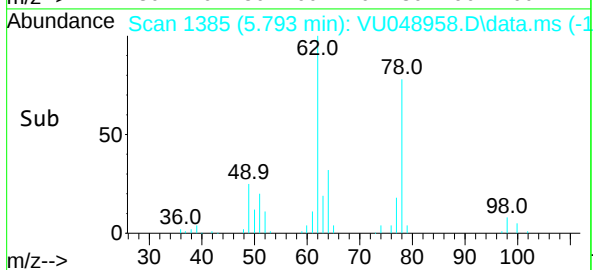
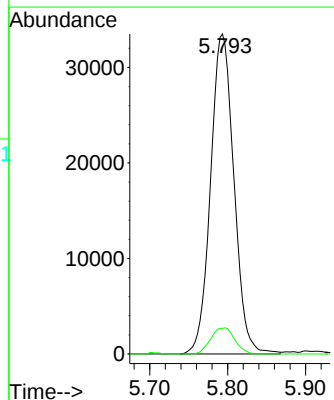
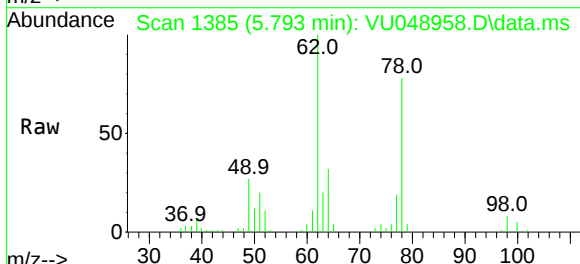
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

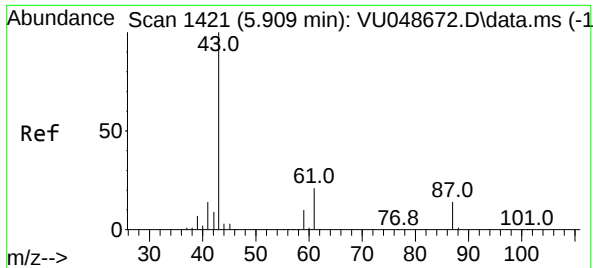
Tgt Ion: 41	Resp: 43260
Ion Ratio	Lower Upper
41 100	
39 53.0	42.6 64.0
67 73.7	61.0 91.4
52 31.6	24.2 36.4



#42
1,2-Dichloroethane
Concen: 20.714 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 62	Resp:	69807	
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0

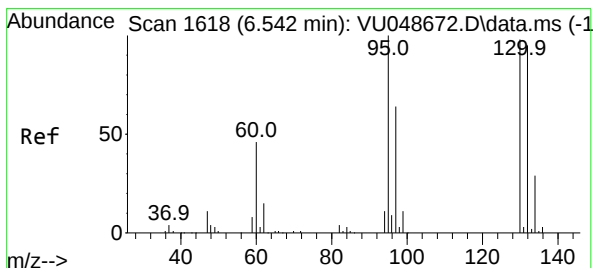
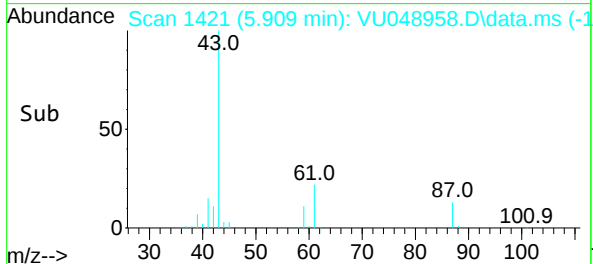
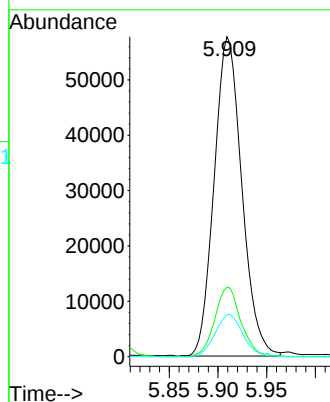
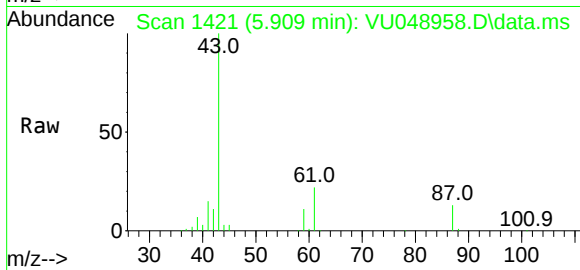




#43
Isopropyl Acetate
Concen: 21.255 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

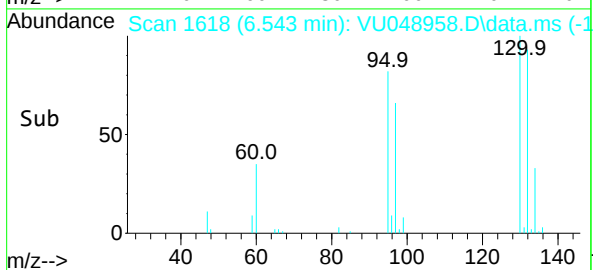
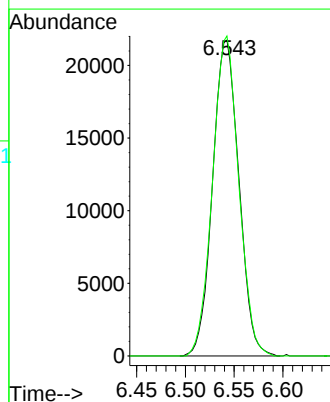
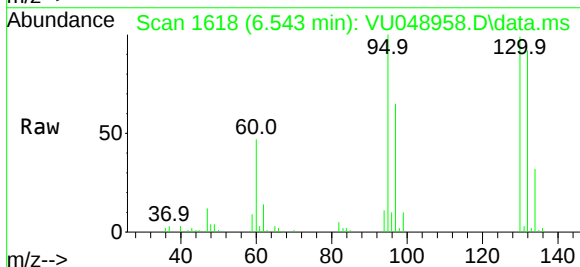
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

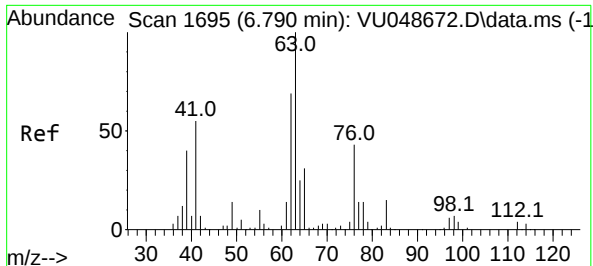
Tgt Ion: 43 Resp: 113724
Ion Ratio Lower Upper
43 100
61 20.7 16.7 25.1
87 13.2 10.9 16.3



#44
Trichloroethene
Concen: 18.417 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 130 Resp: 40849
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.8





#45

1,2-Dichloropropane

Concen: 22.482 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

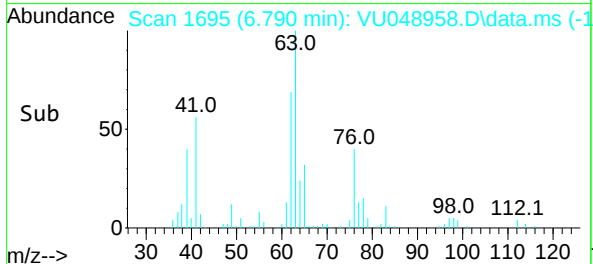
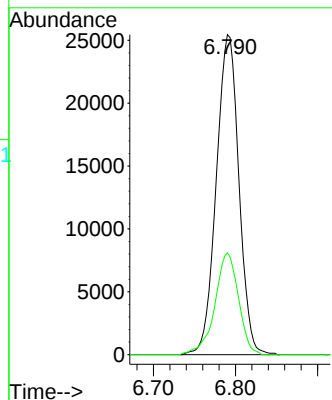
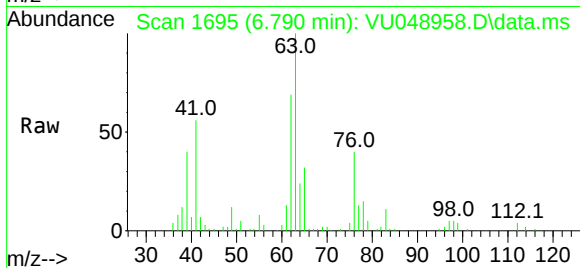
VU0608MBSD01

Tgt Ion: 63 Resp: 48725

Ion Ratio Lower Upper

63 100

65 31.9 24.8 37.2



#46

Dibromomethane

Concen: 20.857 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

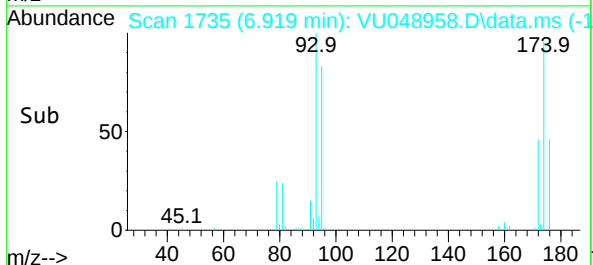
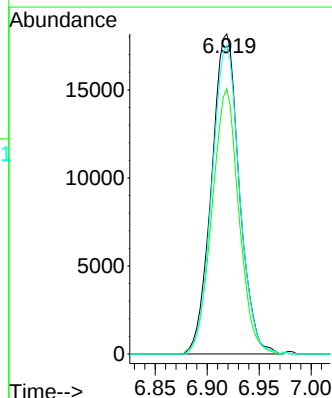
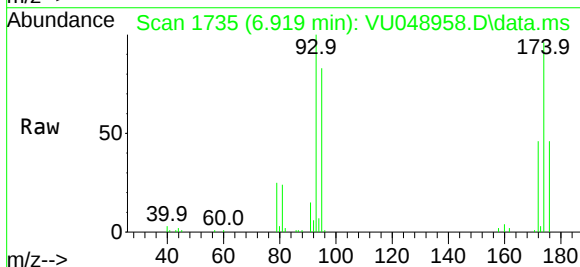
Tgt Ion: 93 Resp: 33772

Ion Ratio Lower Upper

93 100

95 80.1 65.1 97.7

174 95.2 77.8 116.6

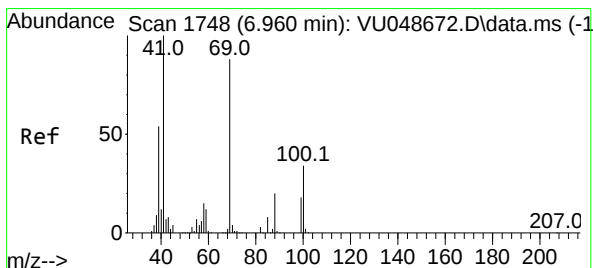
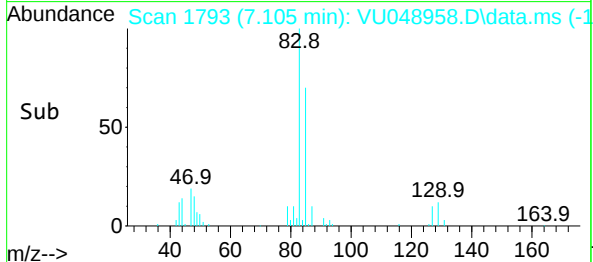
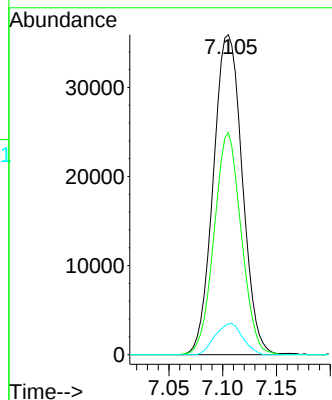
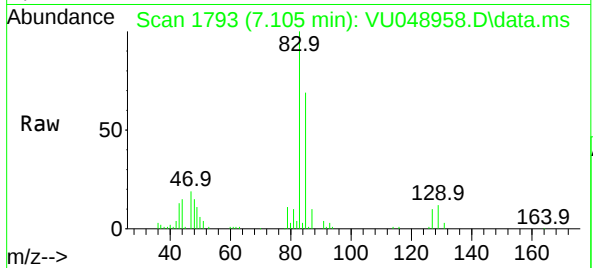




#47
Bromodichloromethane
Concen: 20.545 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

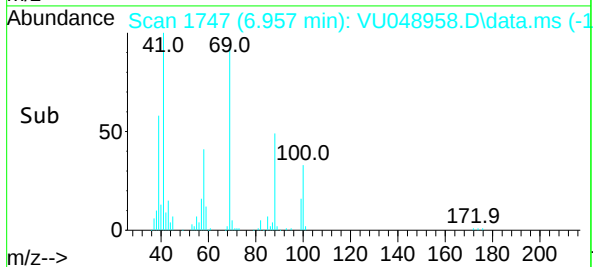
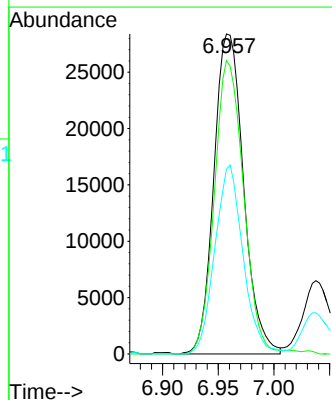
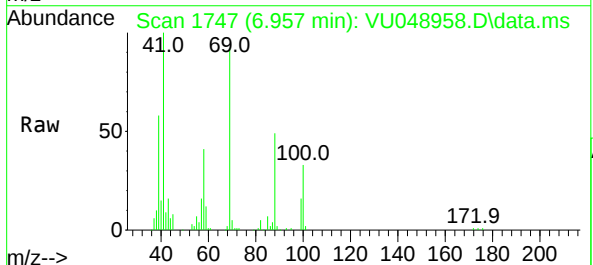
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

Tgt Ion: 83 Resp: 67274
Ion Ratio Lower Upper
83 100
85 69.4 52.1 78.1
127 9.6 6.9 10.3



#48
Methyl methacrylate
Concen: 21.923 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 41 Resp: 52658
Ion Ratio Lower Upper
41 100
69 90.4 70.7 106.1
39 56.1 43.4 65.2





#49

1,4-Dioxane

Concen: 598.313 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU048958.D

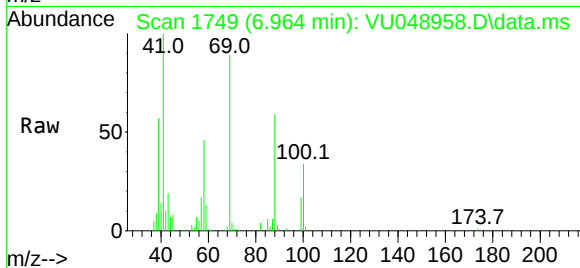
Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBS01



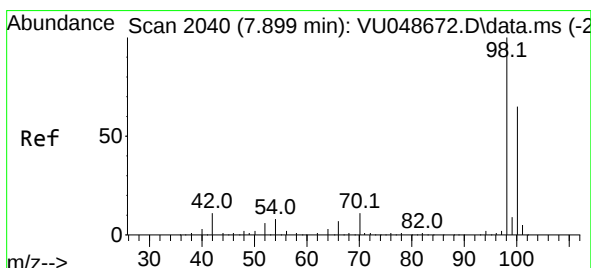
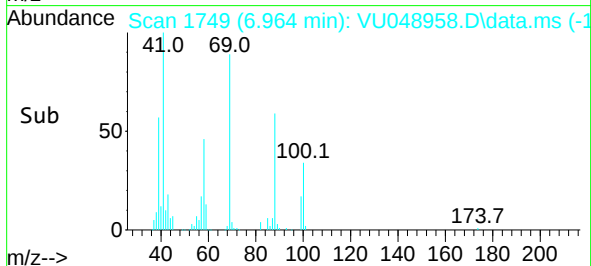
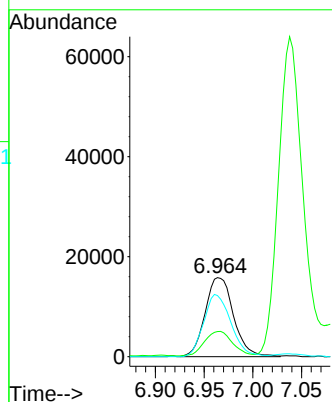
Tgt Ion: 88 Resp: 32126

Ion Ratio Lower Upper

88 100

43 30.3 24.6 36.8

58 75.5 54.7 82.1



#50

Toluene-d8

Concen: 40.894 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048958.D

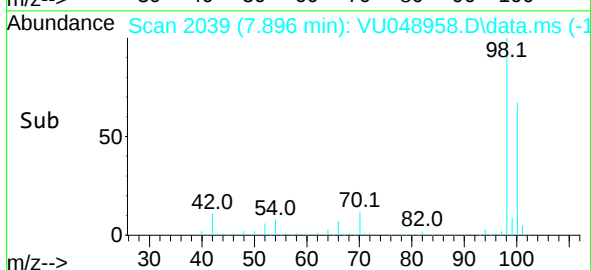
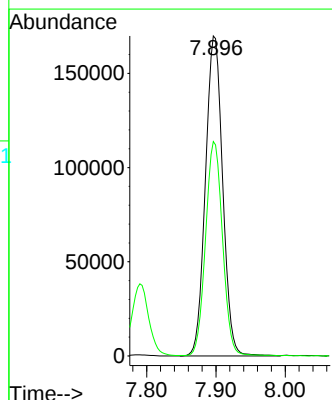
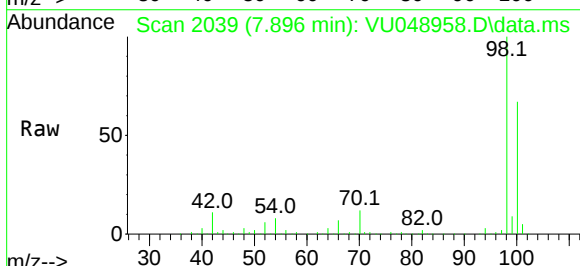
Acq: 08 Jun 2022 12:57

Tgt Ion: 98 Resp: 292886

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 124.943 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

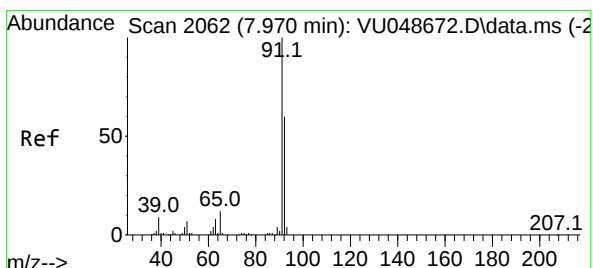
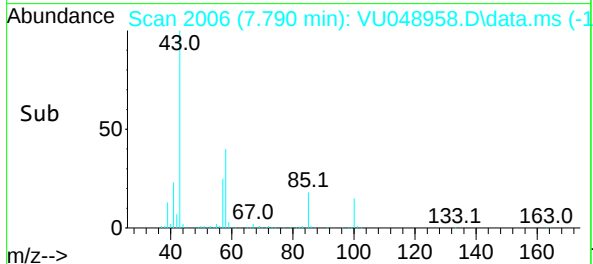
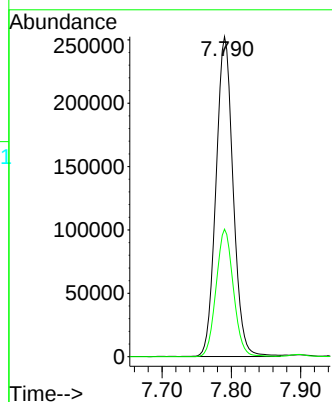
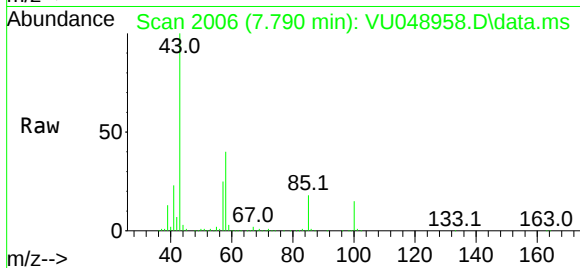
VU0608MBS01

Tgt Ion: 43 Resp: 434078

Ion Ratio Lower Upper

43 100

58 40.2 32.7 49.1



#52

Toluene

Concen: 19.371 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048958.D

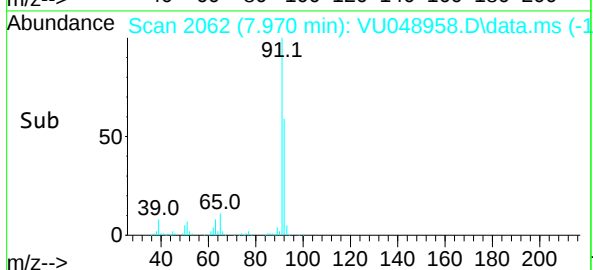
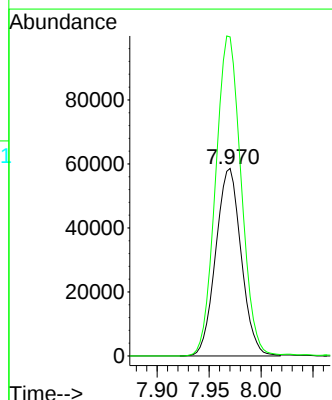
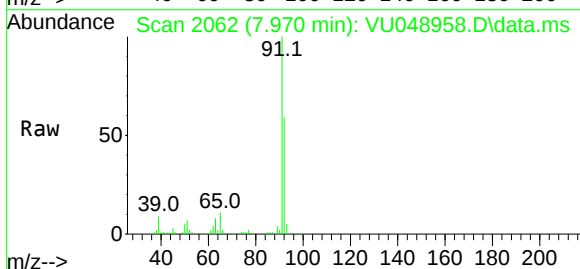
Acq: 08 Jun 2022 12:57

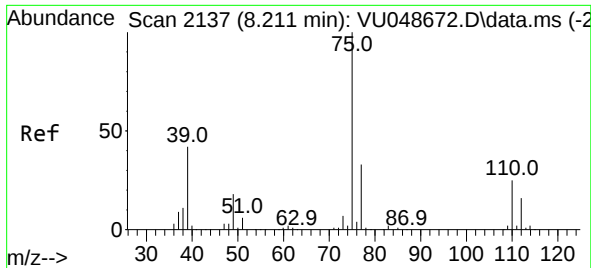
Tgt Ion: 92 Resp: 99752

Ion Ratio Lower Upper

92 100

91 171.4 135.0 202.4

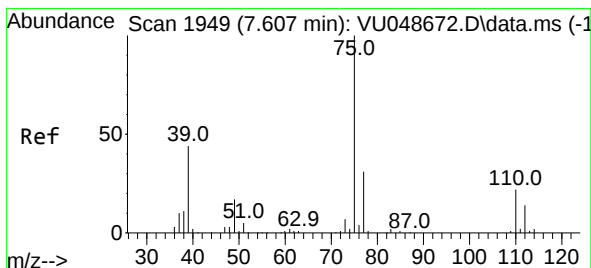
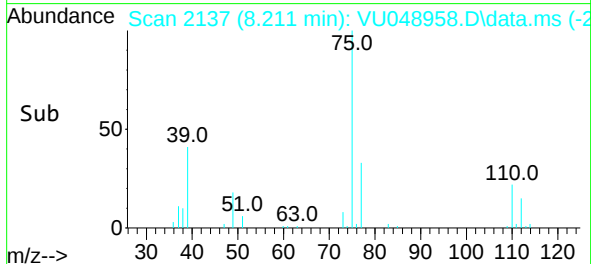
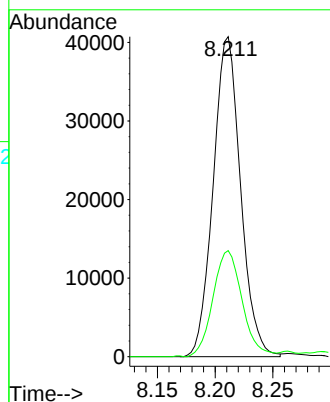
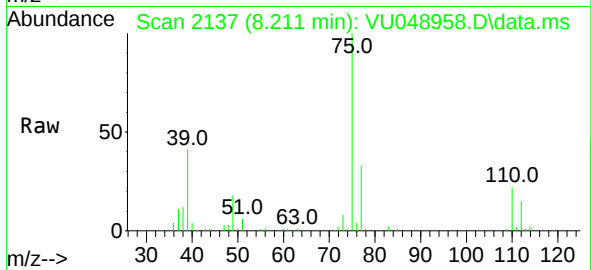




#53
 t-1,3-Dichloropropene
 Concen: 19.022 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU048958.D
 Acq: 08 Jun 2022 12:57

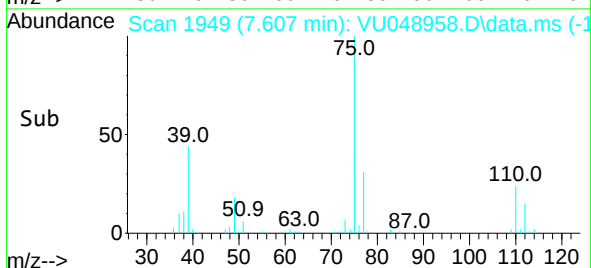
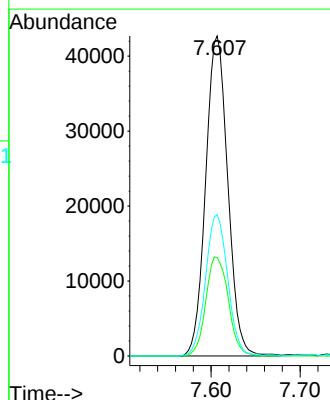
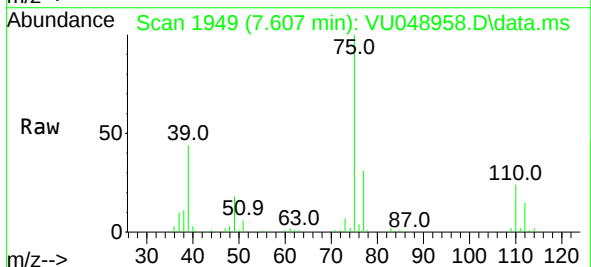
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608MBS01

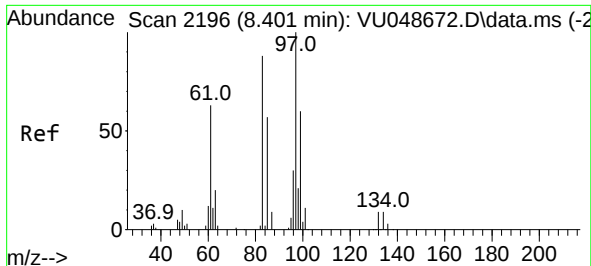
Tgt Ion: 75 Resp: 67193
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.141 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048958.D
 Acq: 08 Jun 2022 12:57

Tgt Ion: 75 Resp: 73722
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.9 37.3
 39 44.2 35.2 52.8

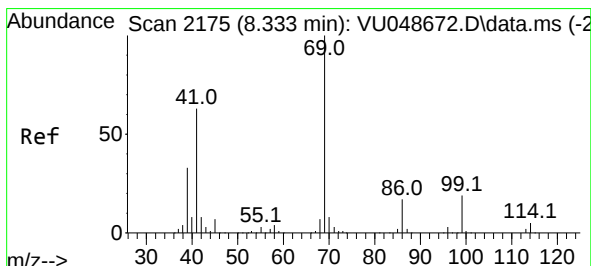
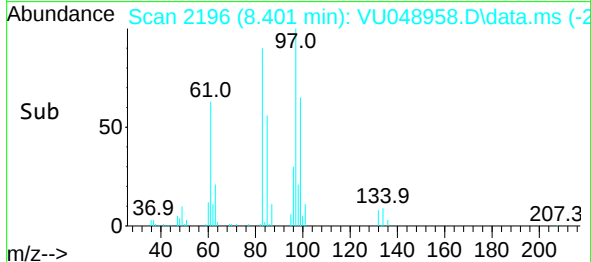
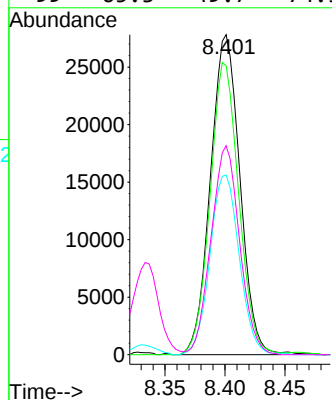
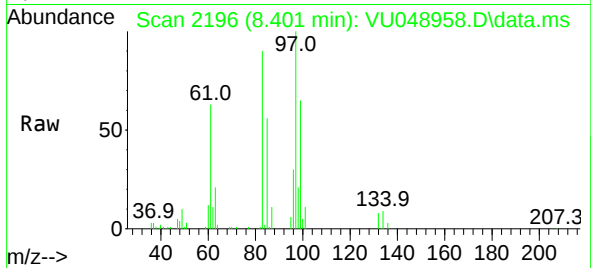




#55
1,1,2-Trichloroethane
Concen: 20.861 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

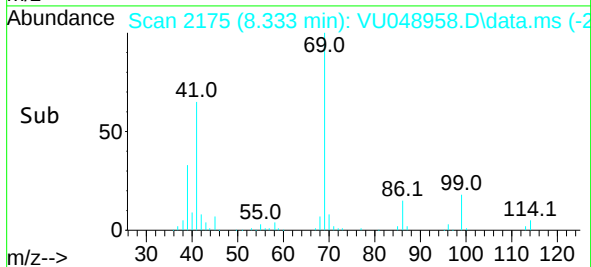
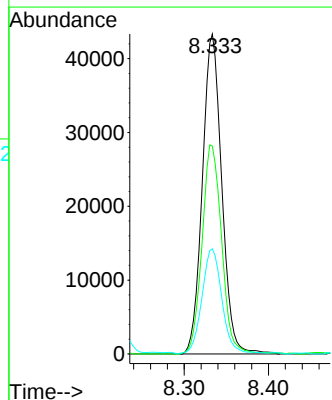
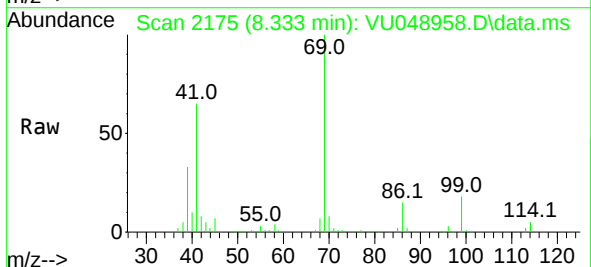
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

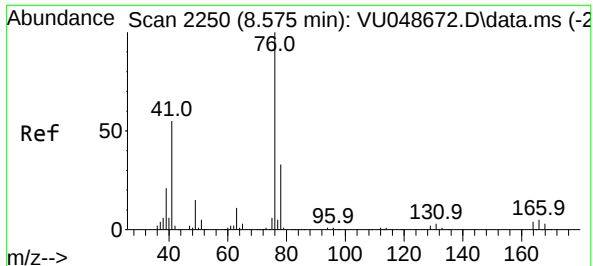
Tgt Ion: 97	Resp: 47409
Ion Ratio	Lower Upper
97 100	
83 90.3	70.2 105.4
85 56.1	45.6 68.4
99 65.3	49.7 74.5



#56
Ethyl methacrylate
Concen: 20.953 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 69	Resp: 69496
Ion Ratio	Lower Upper
69 100	
41 65.7	50.6 76.0
39 34.0	26.6 40.0





#57

1,3-Dichloropropane

Concen: 21.472 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

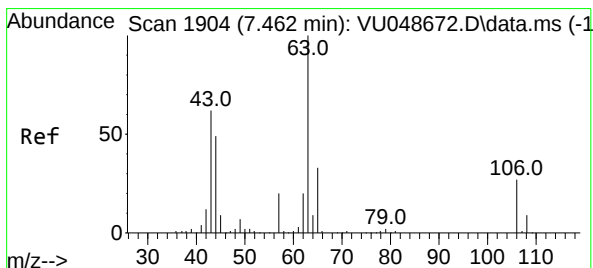
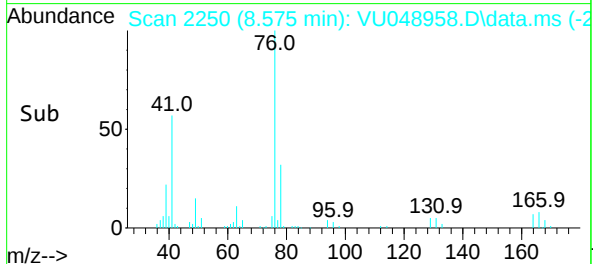
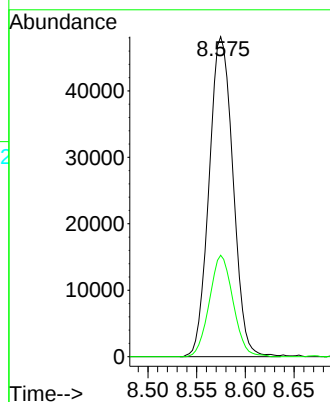
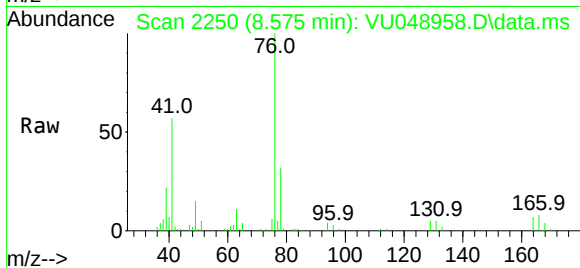
VU0608MBS01

Tgt Ion: 76 Resp: 82129

Ion Ratio Lower Upper

76 100

78 31.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.022 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048958.D

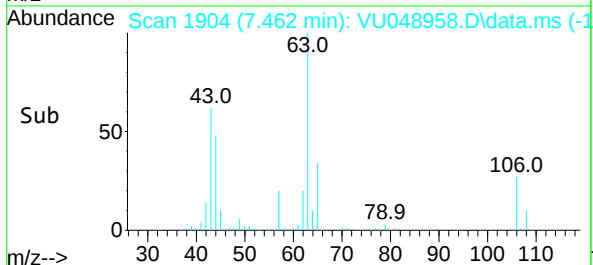
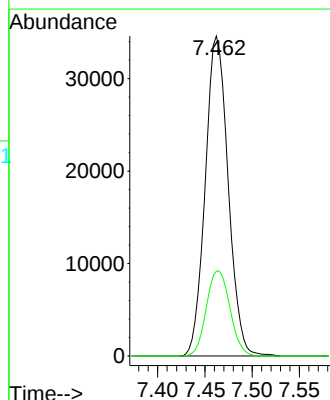
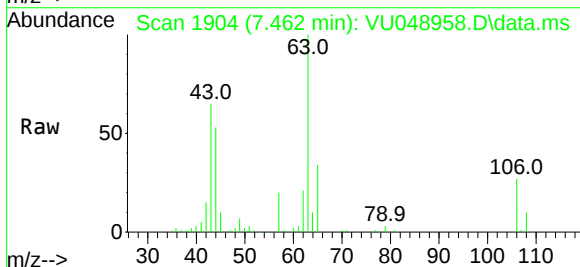
Acq: 08 Jun 2022 12:57

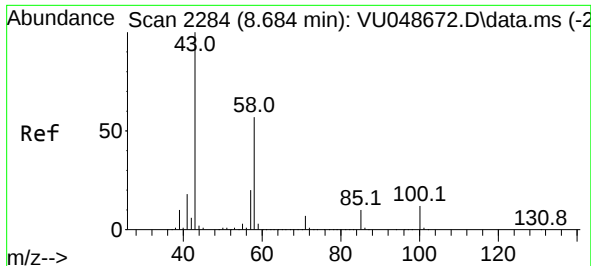
Tgt Ion: 63 Resp: 58313

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2

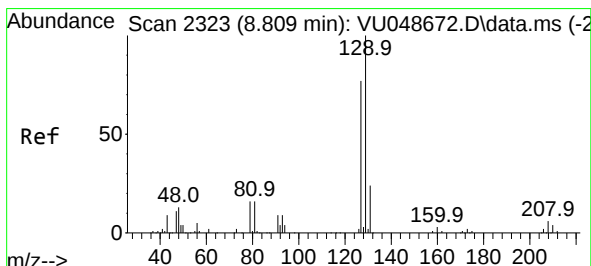
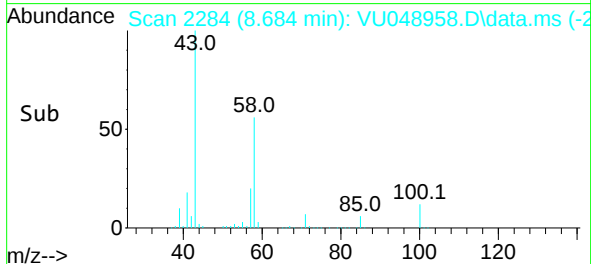
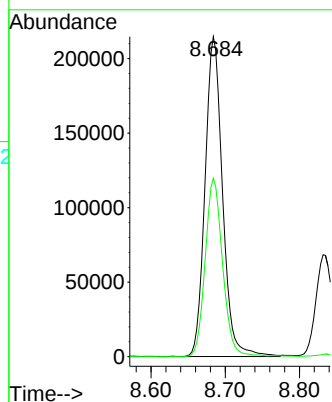
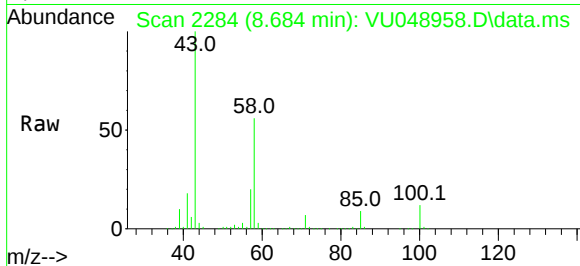




#59
2-Hexanone
Concen: 123.051 ug/l
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

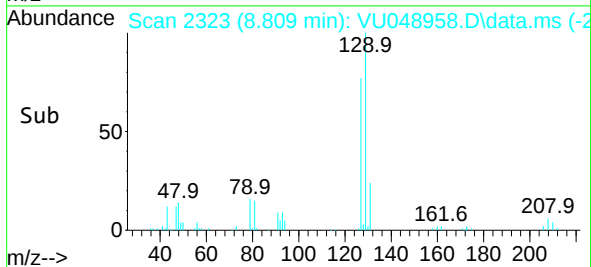
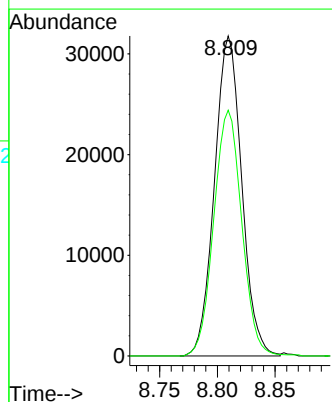
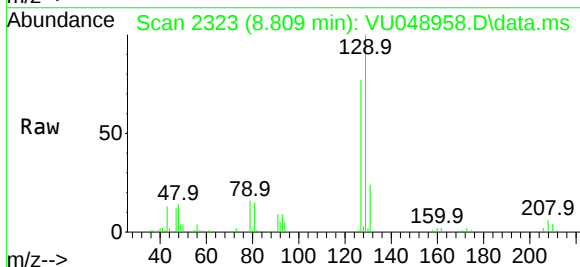
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

Tgt Ion: 43 Resp: 350967
Ion Ratio Lower Upper
43 100
58 55.5 28.2 84.6



#60
Dibromochloromethane
Concen: 20.487 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion:129 Resp: 52190
Ion Ratio Lower Upper
129 100
127 78.9 38.5 115.3

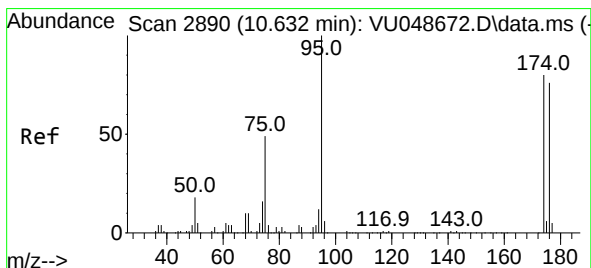
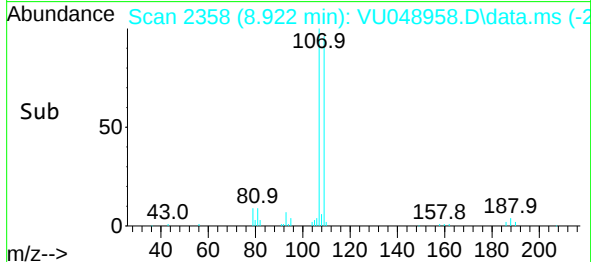
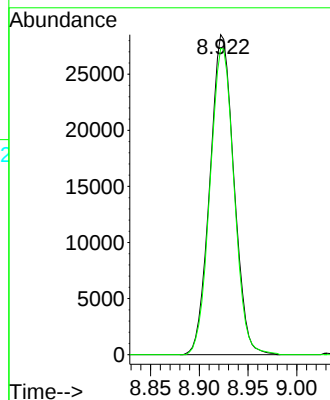
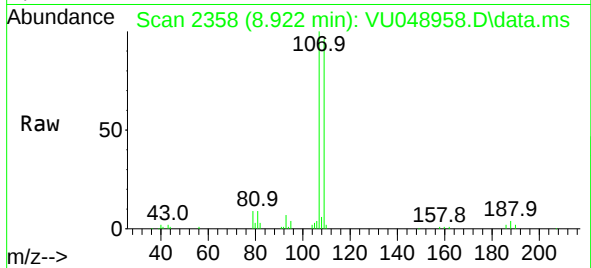




#61
1,2-Dibromoethane
Concen: 19.576 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

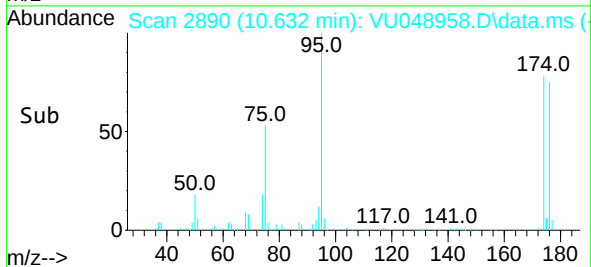
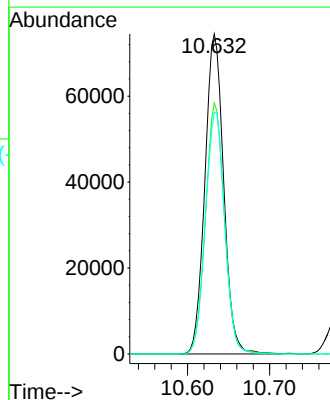
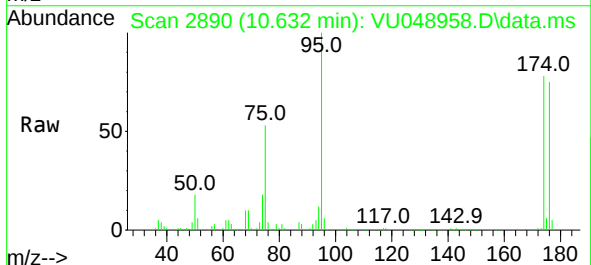
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

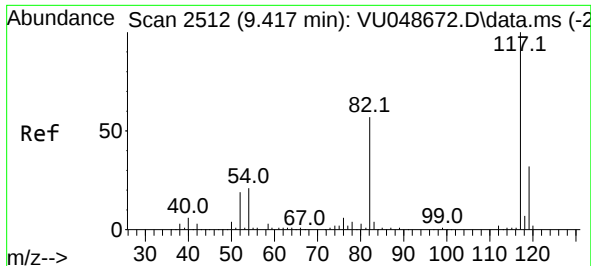
Tgt Ion:107 Resp: 48997
Ion Ratio Lower Upper
107 100
109 95.6 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 43.531 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 95 Resp: 117910
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.4
176 78.1 0.0 152.4

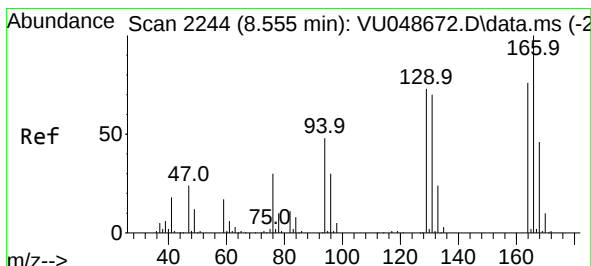
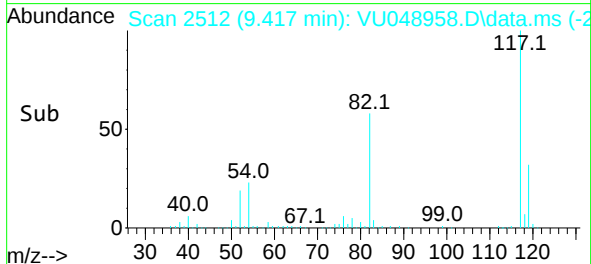
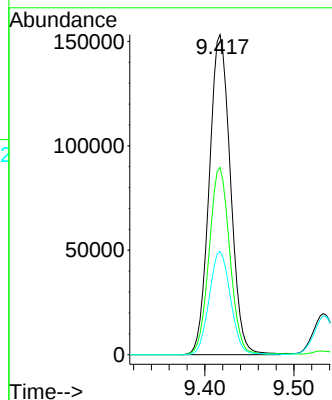
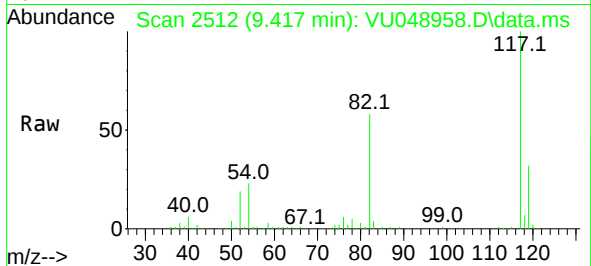




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

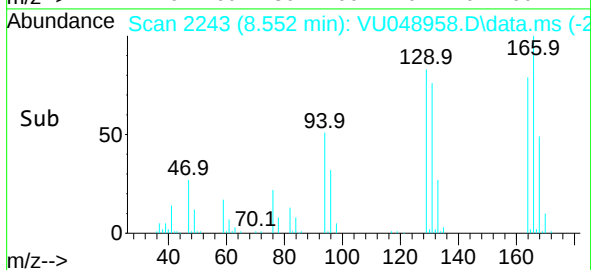
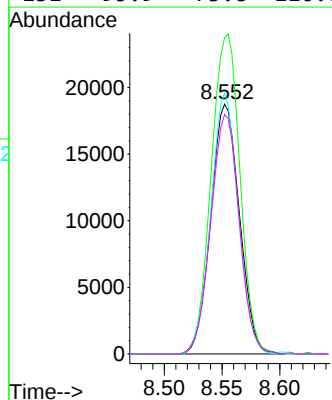
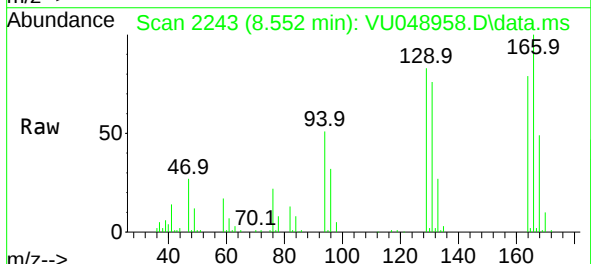
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

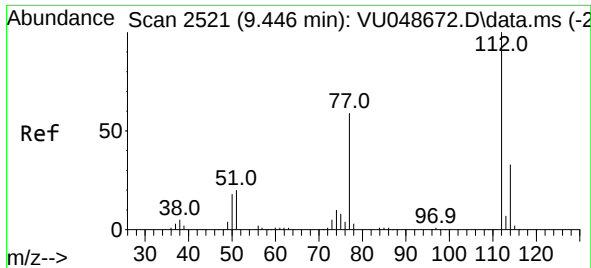
Tgt Ion:117 Resp: 253189
Ion Ratio Lower Upper
117 100
82 58.5 45.3 67.9
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 17.689 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion:164 Resp: 32359
Ion Ratio Lower Upper
164 100
166 126.6 105.0 157.4
129 104.6 76.5 114.7
131 95.9 73.8 110.6

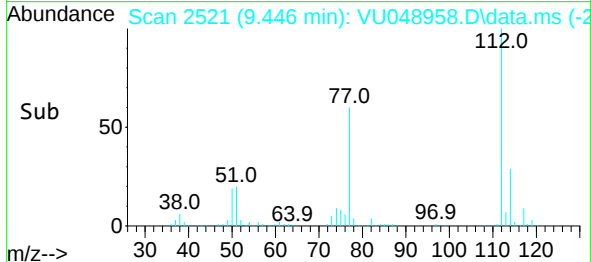
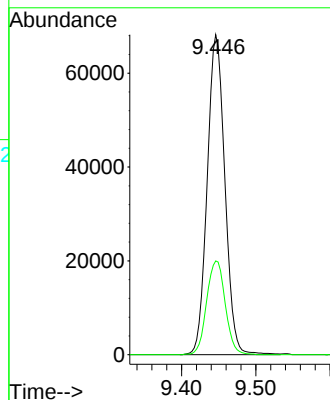
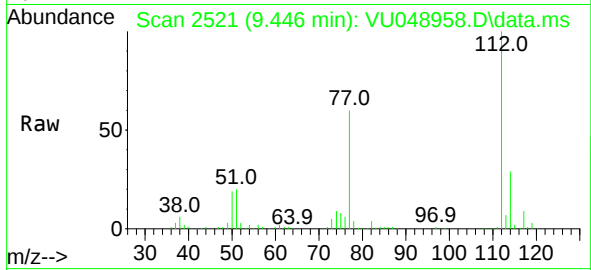




#65
Chlorobenzene
Concen: 21.024 ug/l
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

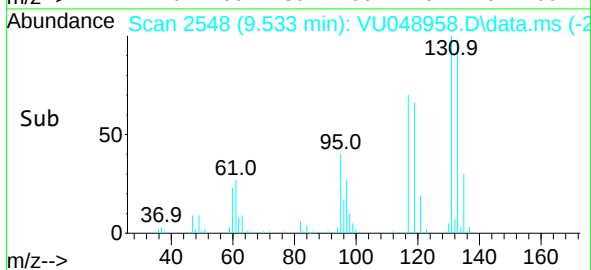
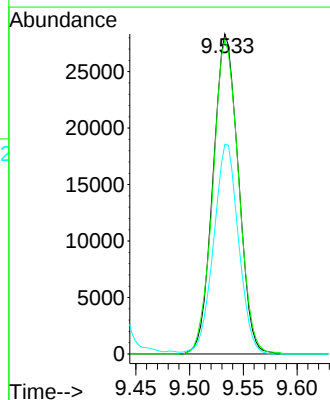
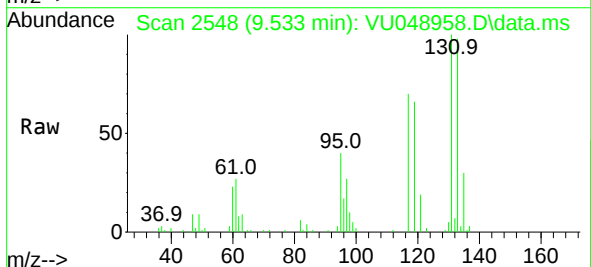
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

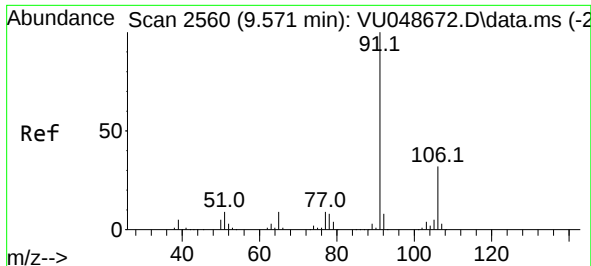
Tgt Ion:112 Resp: 112582
Ion Ratio Lower Upper
112 100
114 29.3 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.786 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion:131 Resp: 46316
Ion Ratio Lower Upper
131 100
133 99.7 48.5 145.5
119 64.9 32.7 98.1





#67

Ethyl Benzene

Concen: 20.376 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

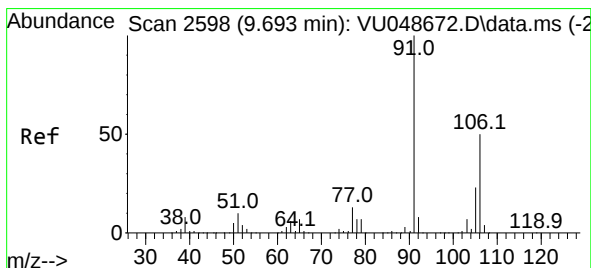
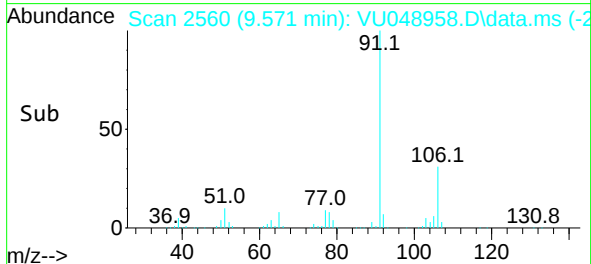
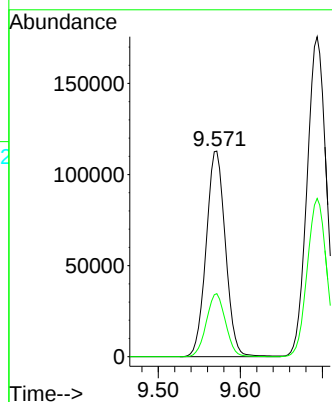
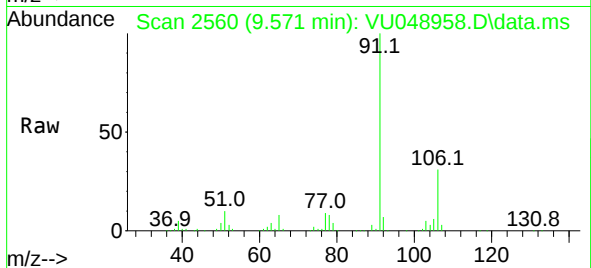
VU0608MBS01

Tgt Ion: 91 Resp: 184031

Ion Ratio Lower Upper

91 100

106 30.6 25.4 38.2



#68

m/p-Xylenes

Concen: 40.610 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048958.D

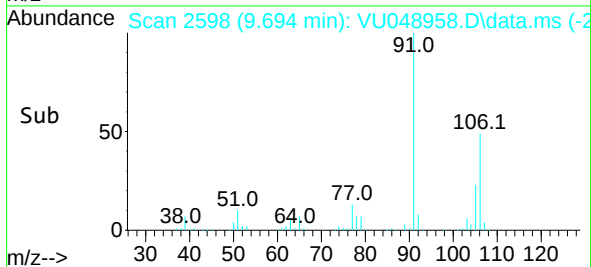
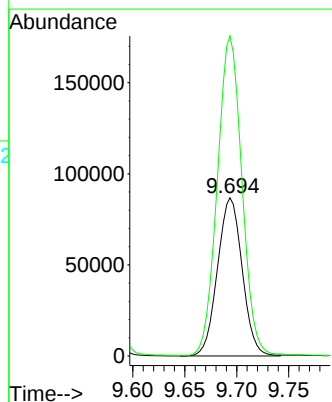
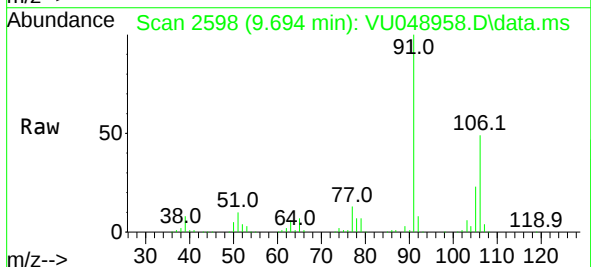
Acq: 08 Jun 2022 12:57

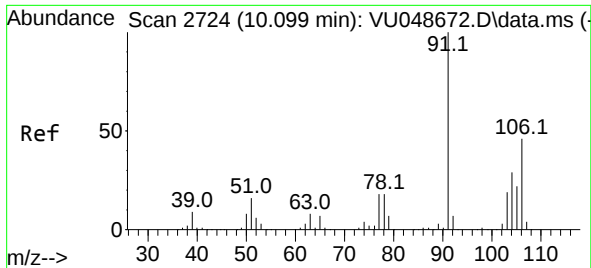
Tgt Ion: 106 Resp: 143452

Ion Ratio Lower Upper

106 100

91 201.0 162.4 243.6

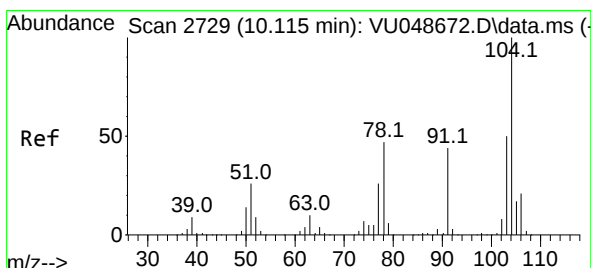
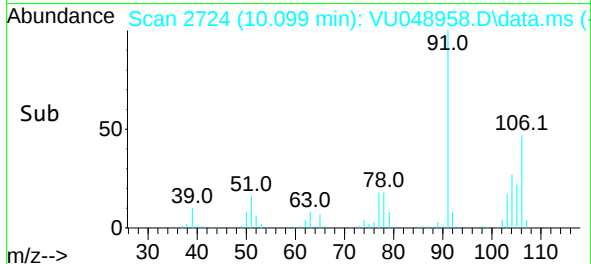
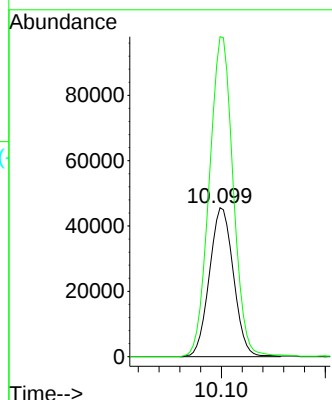
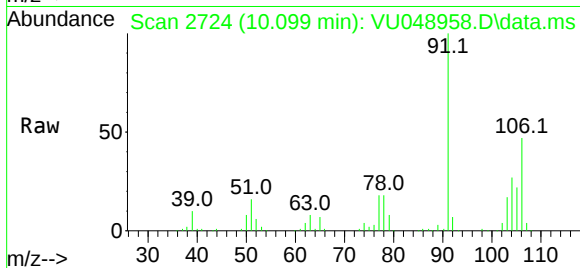




#69
o-Xylene
Concen: 21.106 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

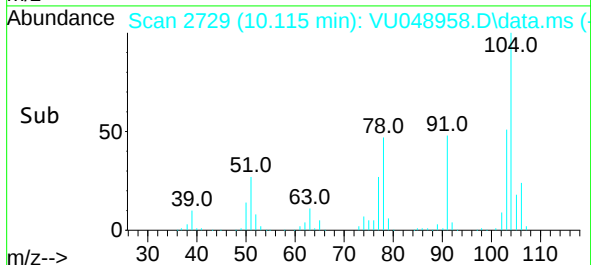
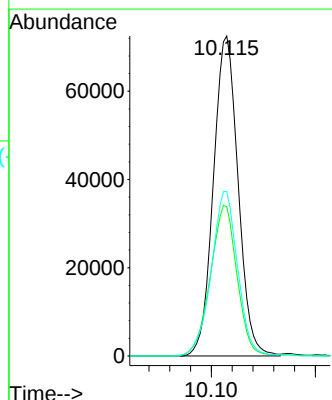
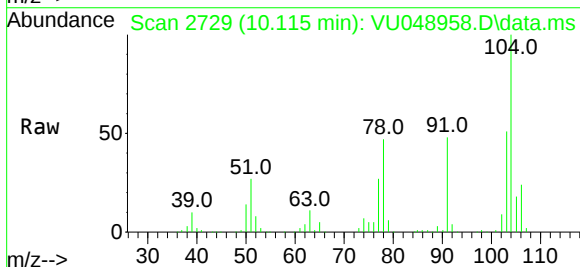
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

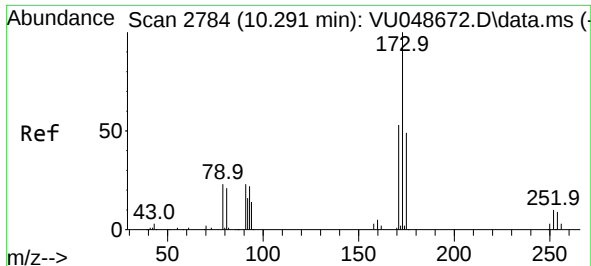
Tgt Ion:106 Resp: 73246
Ion Ratio Lower Upper
106 100
91 214.2 107.7 323.3



#70
Styrene
Concen: 20.951 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion:104 Resp: 119593
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 54.8 43.4 65.2

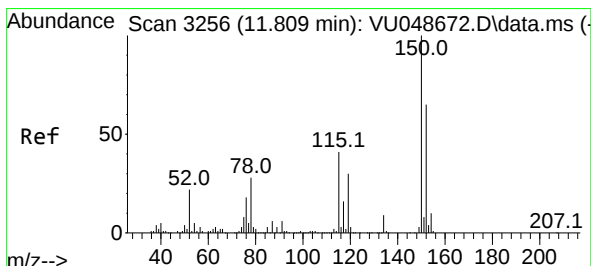
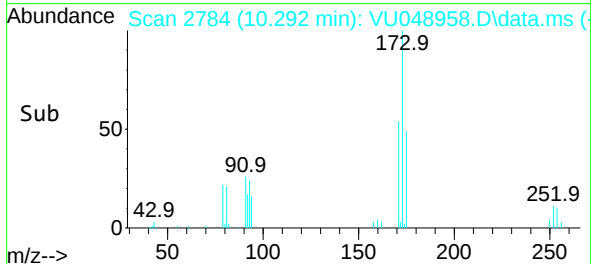
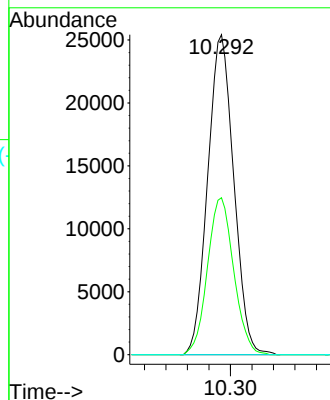
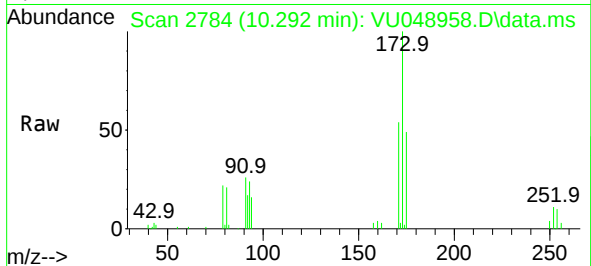




#71
Bromoform
Concen: 22.732 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

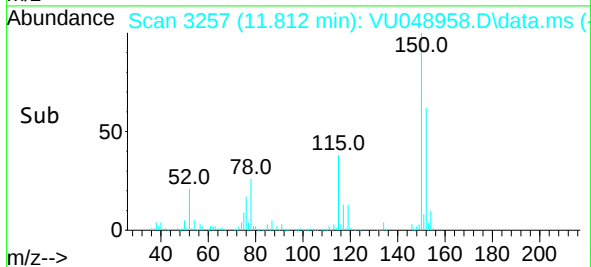
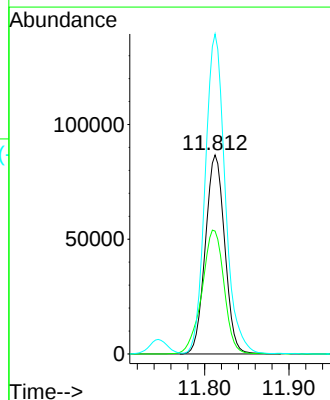
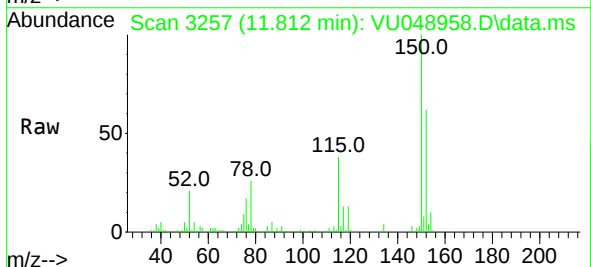
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

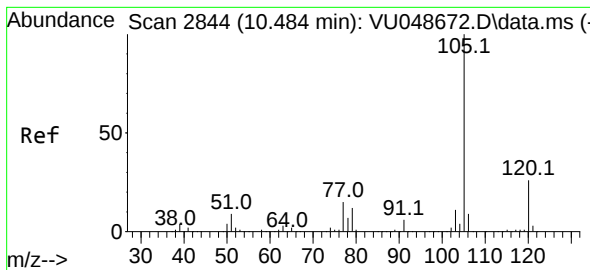
Tgt Ion:173 Resp: 42721
Ion Ratio Lower Upper
173 100
175 49.5 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion:152 Resp: 138920
Ion Ratio Lower Upper
152 100
115 70.8 41.8 125.4
150 165.1 0.0 341.0





#73

Isopropylbenzene

Concen: 21.222 ug/l

RT: 10.484 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

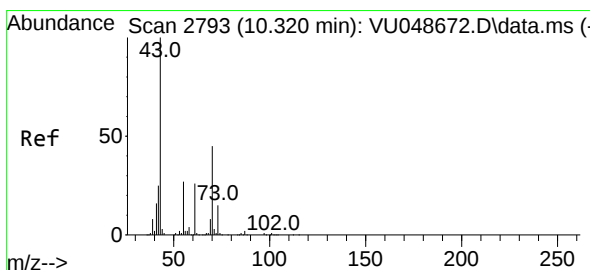
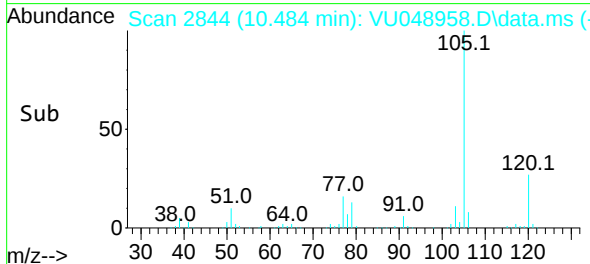
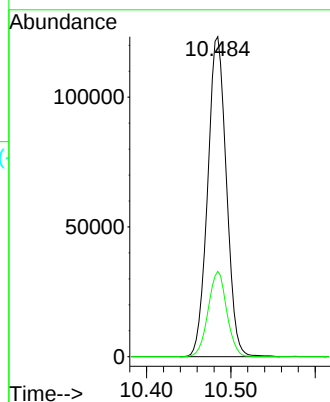
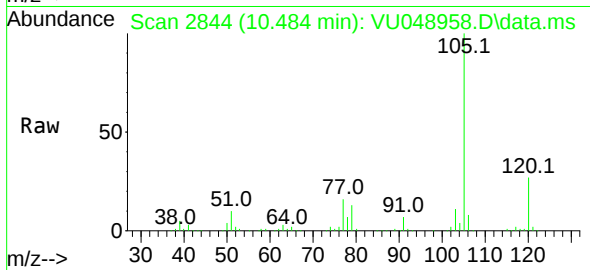
VU0608MBS01

Tgt Ion:105 Resp: 190329

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



#74

N-ethyl acetate

Concen: 22.430 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Tgt Ion: 43 Resp: 95346

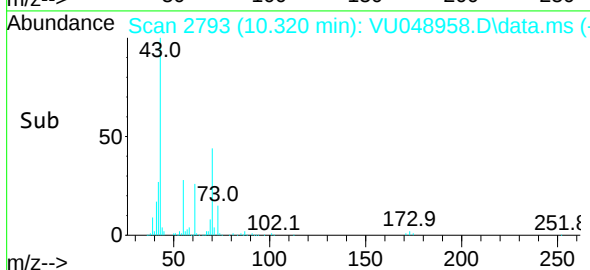
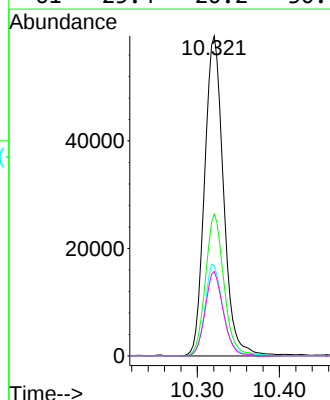
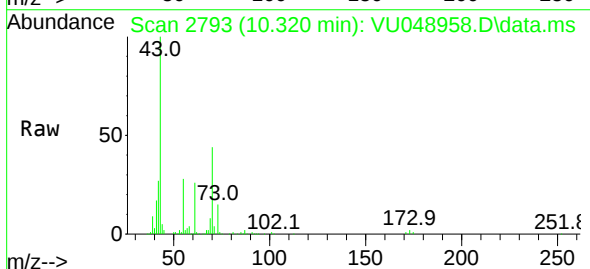
Ion Ratio Lower Upper

43 100

70 43.3 35.8 53.6

55 27.6 21.1 31.7

61 25.4 20.2 30.4

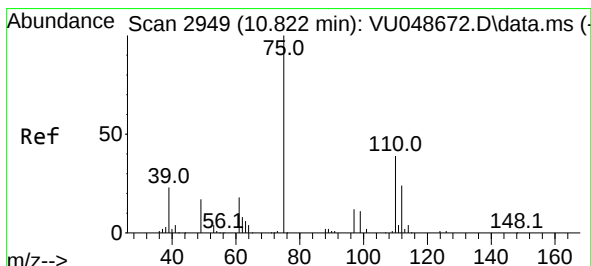
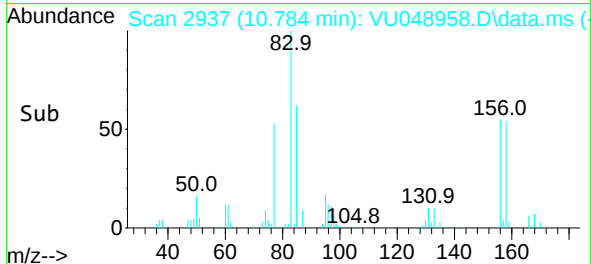
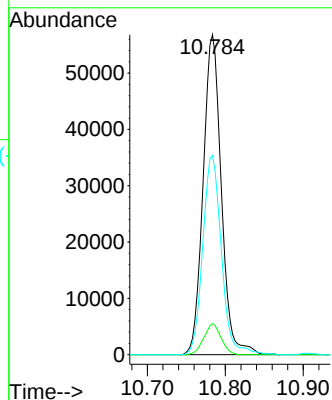
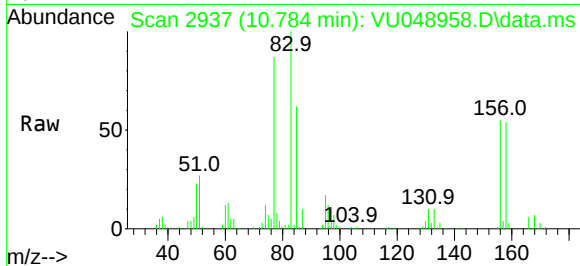




#75
1,1,2,2-Tetrachloroethane
Concen: 25.172 ug/l
RT: 10.784 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

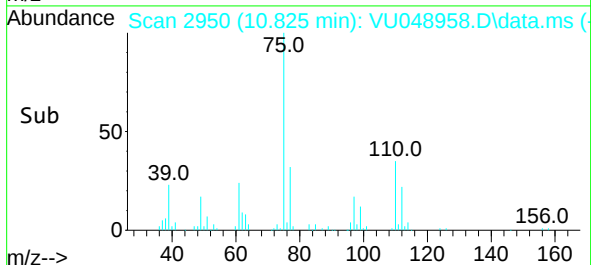
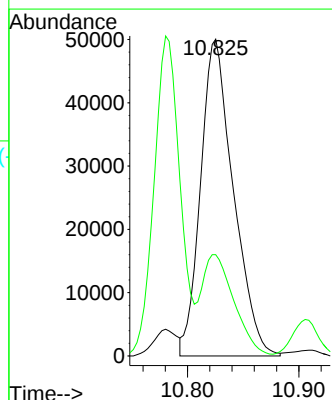
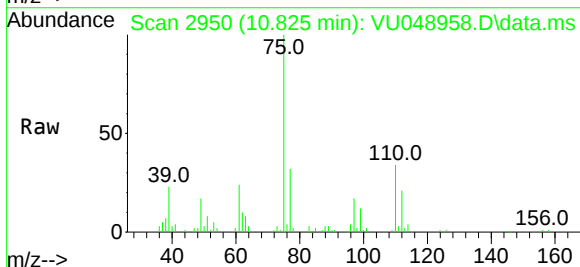
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBS01

Tgt Ion: 83 Resp: 92129
Ion Ratio Lower Upper
83 100
131 9.2 5.2 15.6
85 64.0 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 22.853 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 75 Resp: 102361
Ion Ratio Lower Upper
75 100
77 31.8 14.8 44.3

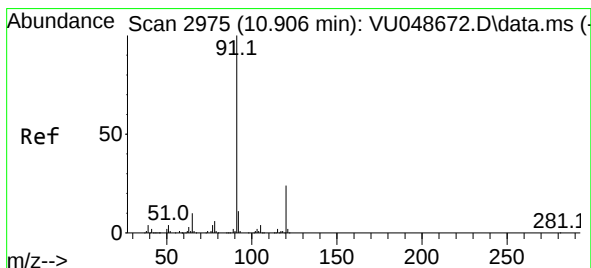
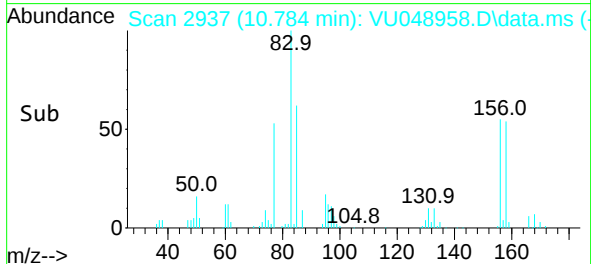
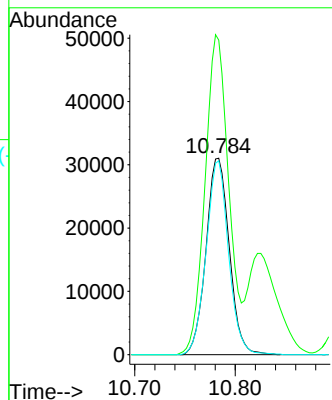
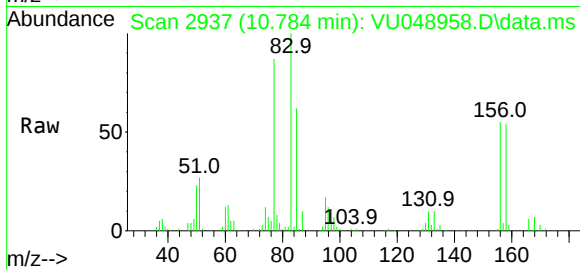




#77
Bromobenzene
Concen: 20.728 ug/l
RT: 10.784 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

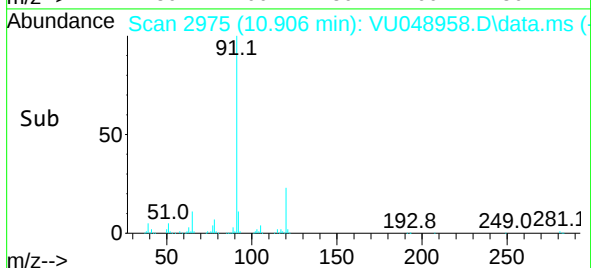
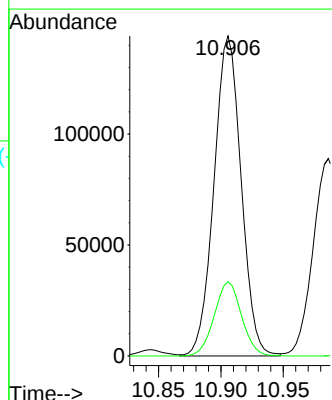
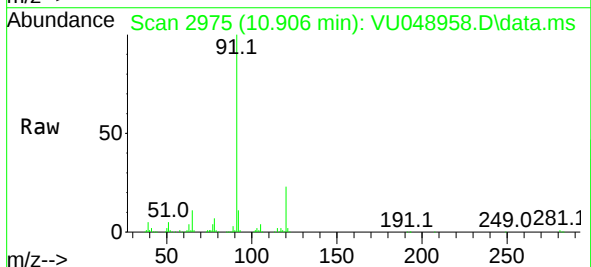
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

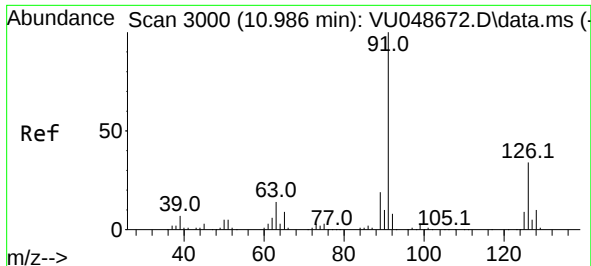
Tgt Ion:156 Resp: 49927
Ion Ratio Lower Upper
156 100
77 164.1 81.1 243.3
158 95.3 48.8 146.4



#78
n-propylbenzene
Concen: 20.462 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 91 Resp: 218678
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7





#79

2-Chlorotoluene

Concen: 21.776 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

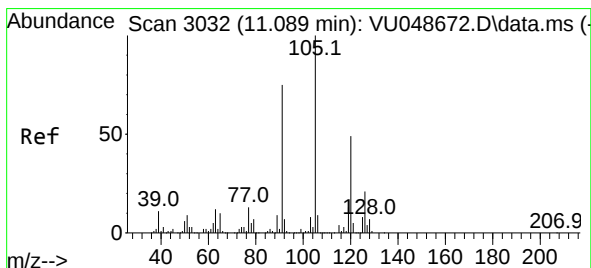
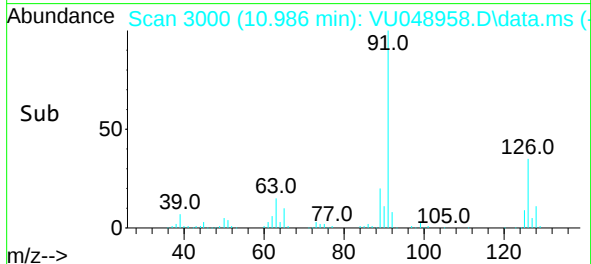
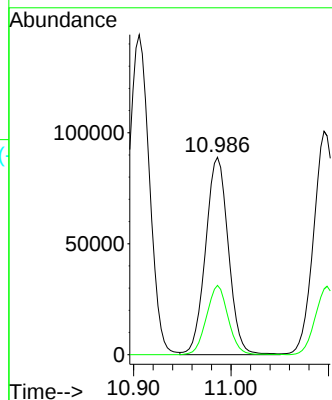
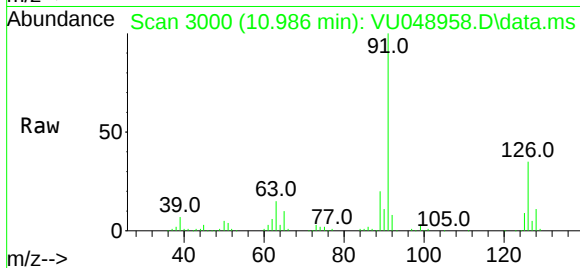
VU0608MBS01

Tgt Ion: 91 Resp: 144719

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 22.053 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048958.D

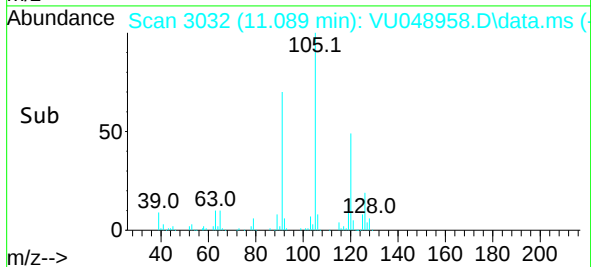
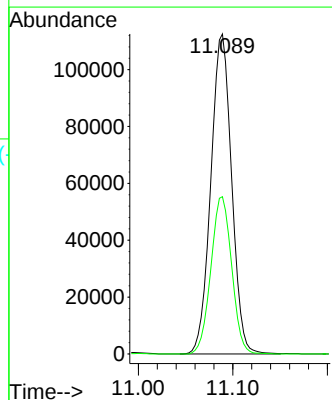
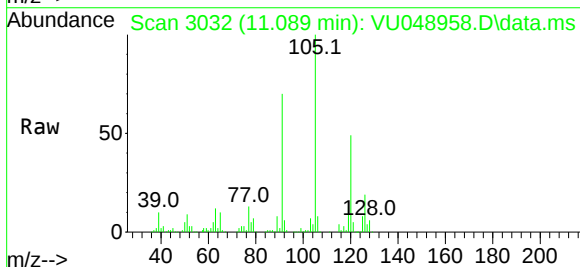
Acq: 08 Jun 2022 12:57

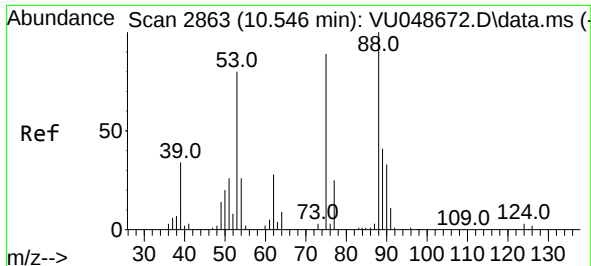
Tgt Ion: 105 Resp: 172000

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3

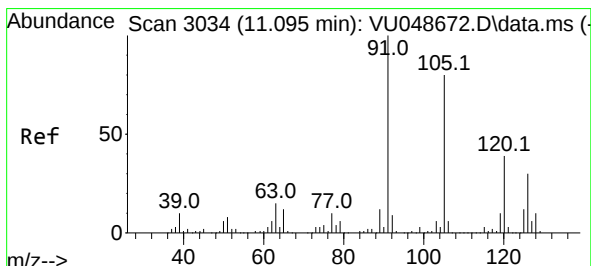
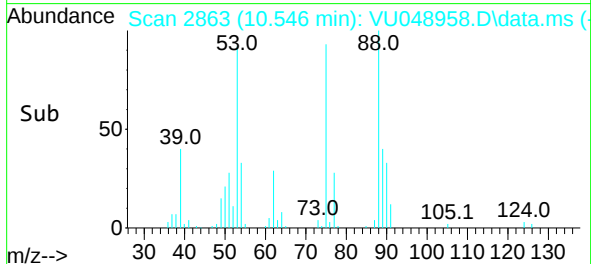
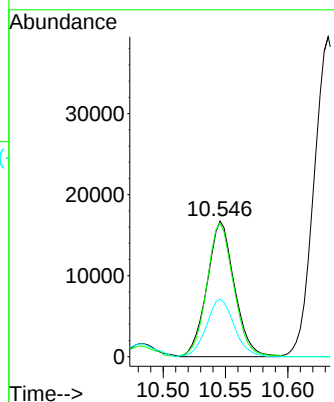
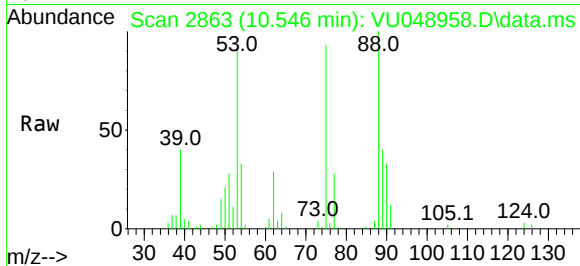




#81
trans-1,4-Dichloro-2-butene
Concen: 20.741 ug/l
RT: 10.546 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

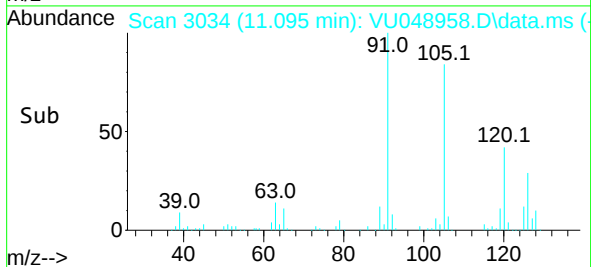
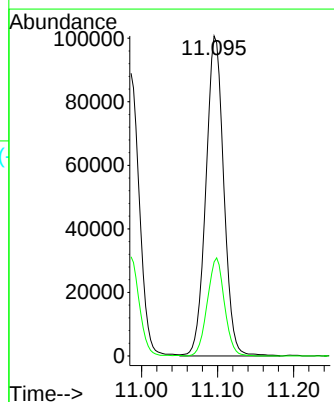
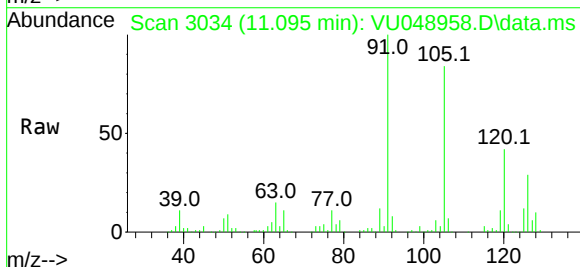
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

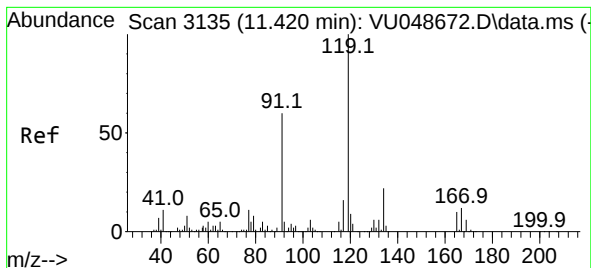
Tgt Ion: 75 Resp: 25587
Ion Ratio Lower Upper
75 100
53 96.3 72.5 108.7
89 43.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.417 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 91 Resp: 164223
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.2





#83

tert-Butylbenzene

Concen: 23.469 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBSD01

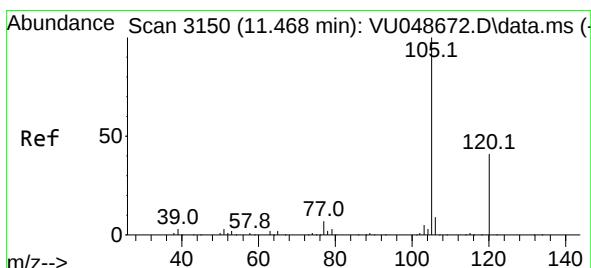
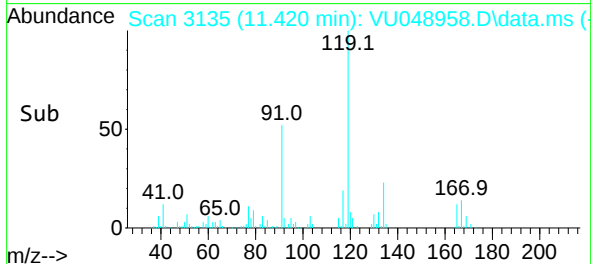
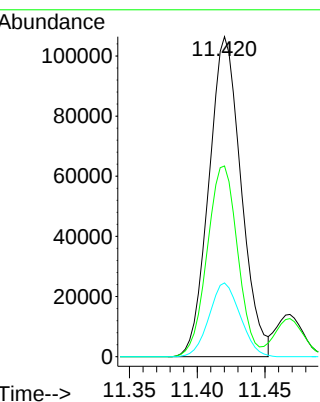
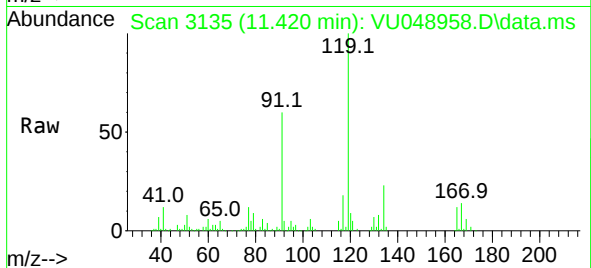
Tgt Ion:119 Resp: 175681

Ion Ratio Lower Upper

119 100

91 56.4 28.7 86.1

134 22.3 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 20.601 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048958.D

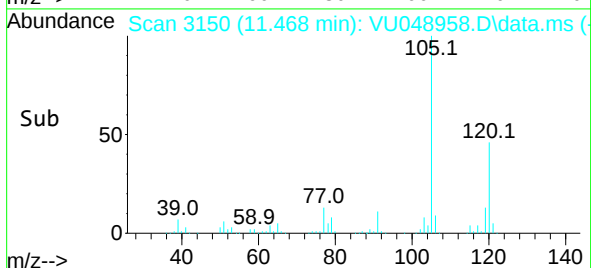
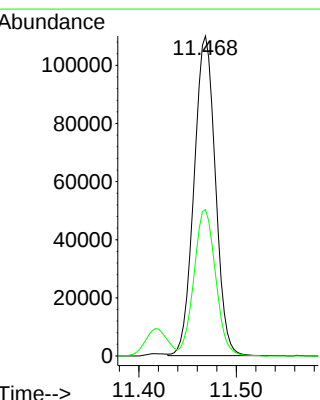
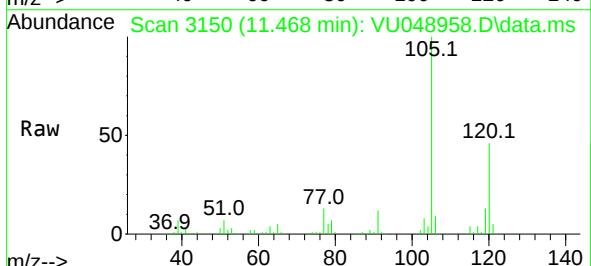
Acq: 08 Jun 2022 12:57

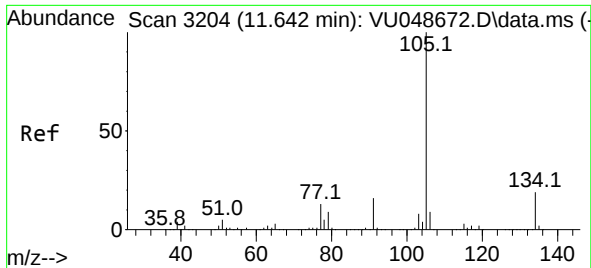
Tgt Ion:105 Resp: 167152

Ion Ratio Lower Upper

105 100

120 46.6 22.5 67.5

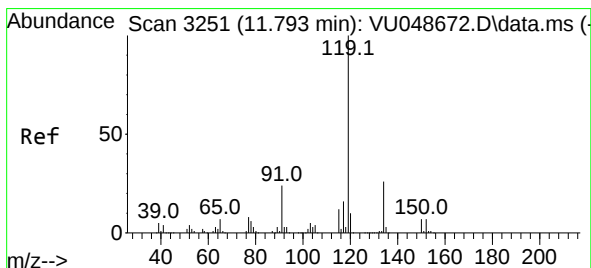
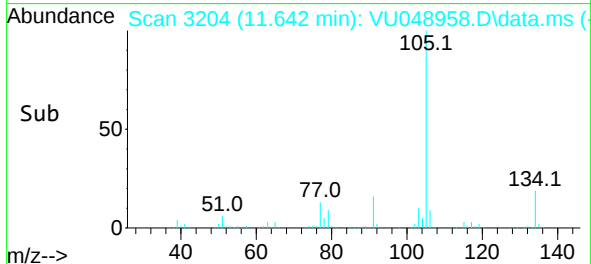
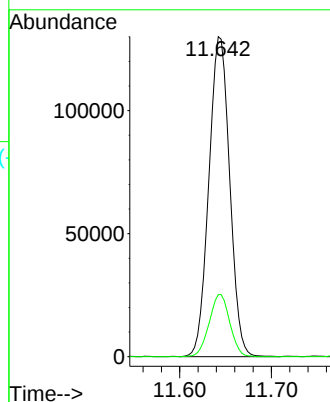
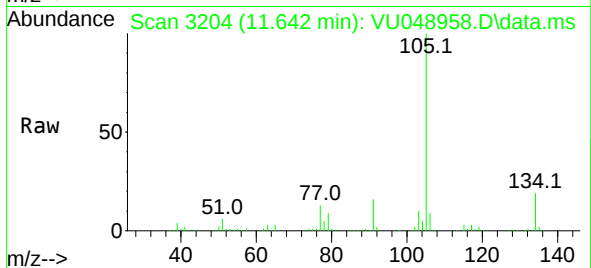




#85
 sec-Butylbenzene
 Concen: 21.952 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU048958.D
 Acq: 08 Jun 2022 12:57

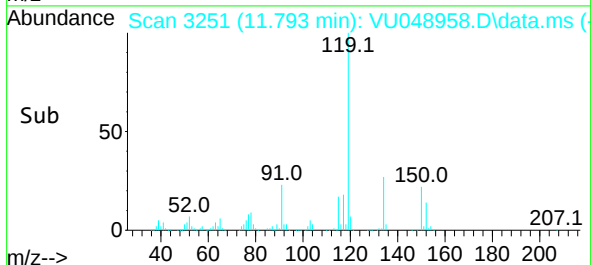
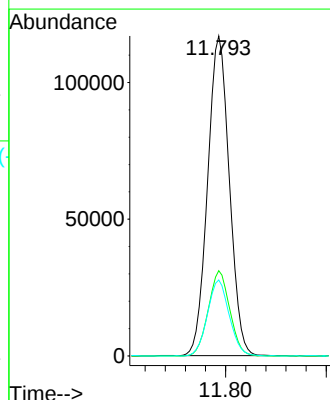
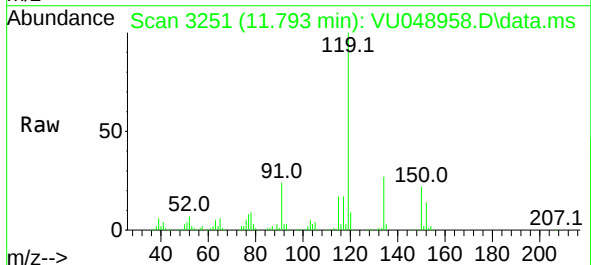
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608MBSD01

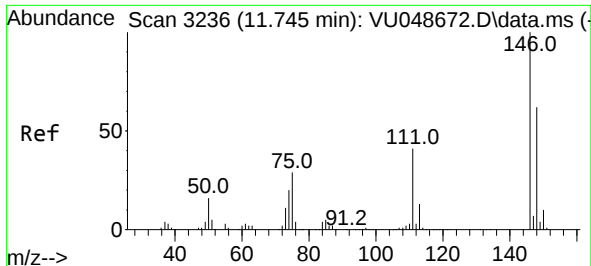
Tgt Ion:105 Resp: 205573
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 21.745 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048958.D
 Acq: 08 Jun 2022 12:57

Tgt Ion:119 Resp: 174872
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.4
 91 23.9 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.963 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBS01

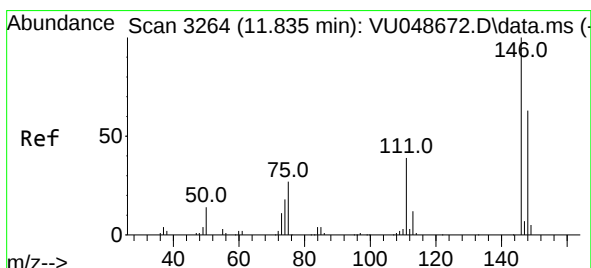
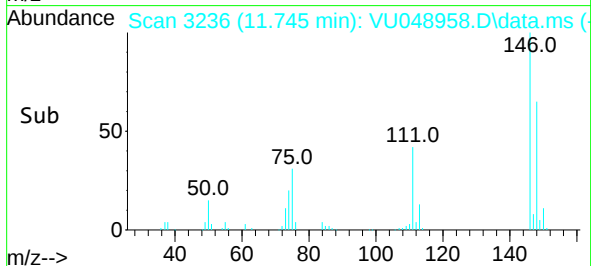
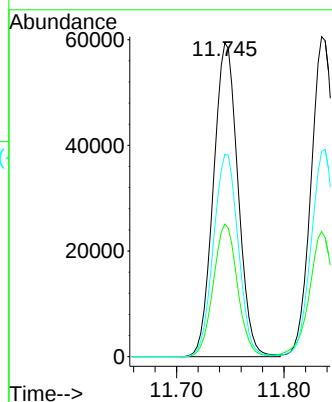
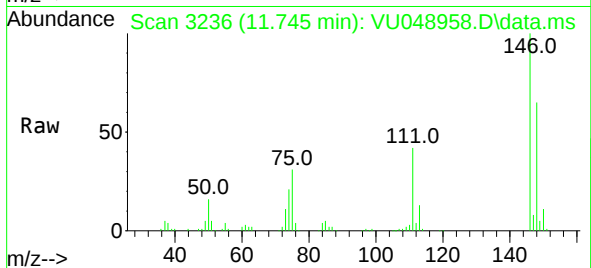
Tgt Ion:146 Resp: 94275

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 65.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.325 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

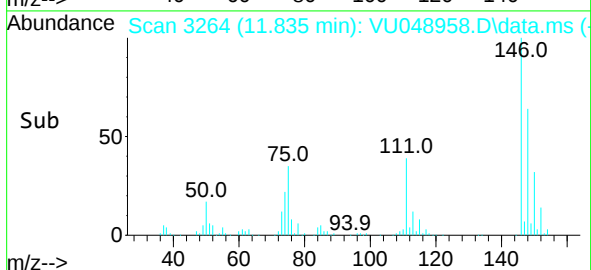
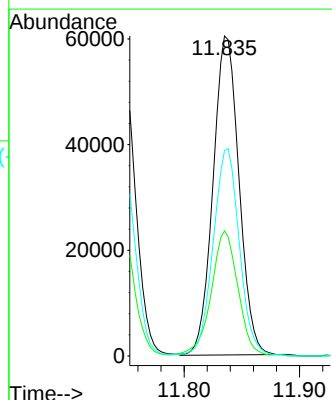
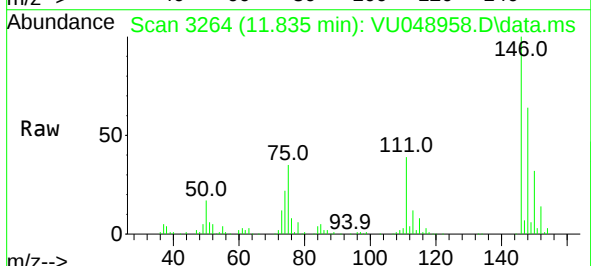
Tgt Ion:146 Resp: 94286

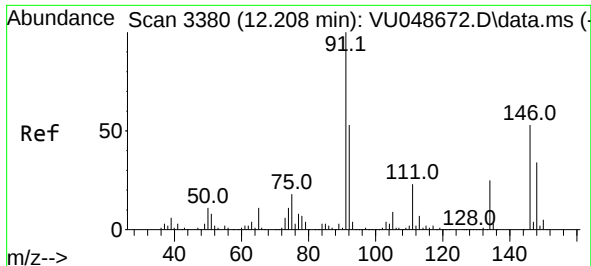
Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.6

148 66.0 32.4 97.0

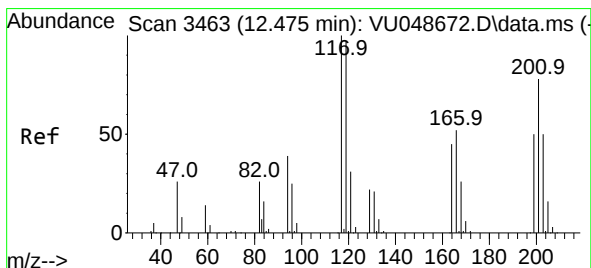
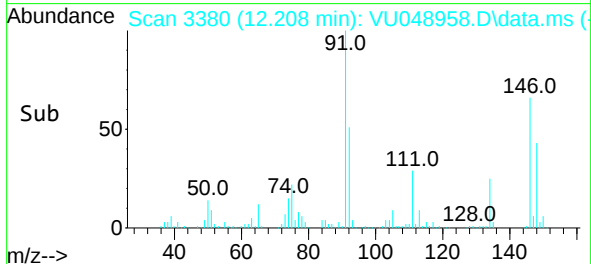
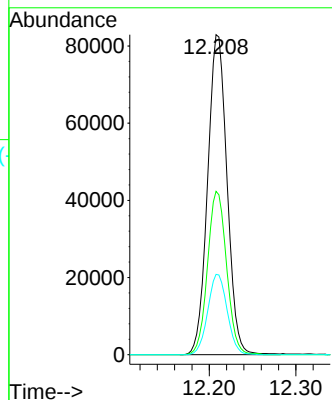
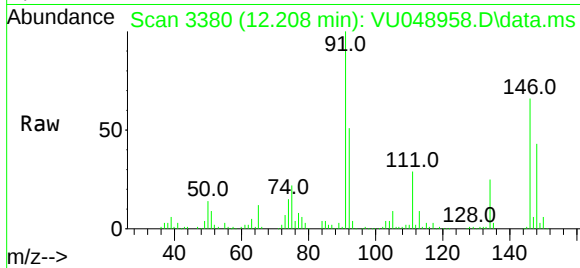




#89
n-Butylbenzene
Concen: 17.516 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

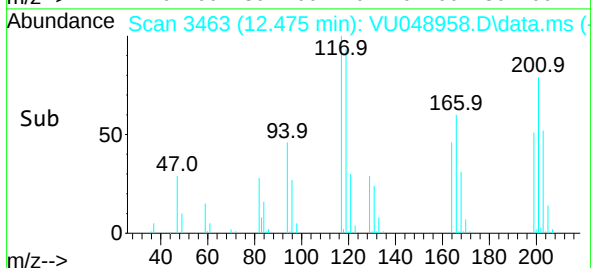
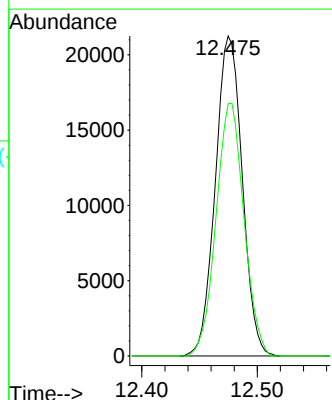
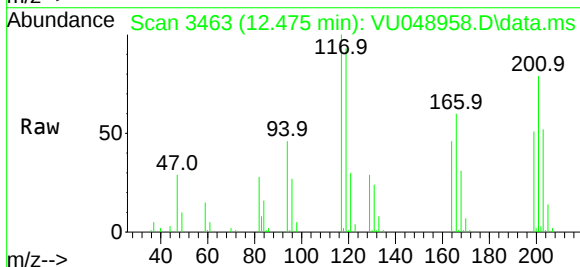
Instrument :
MSVOA_U
ClientSampleId :
VU0608MBSD01

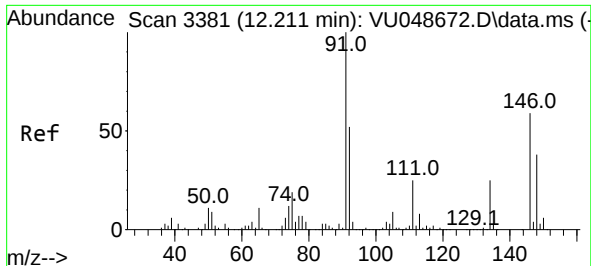
Tgt Ion: 91 Resp: 129049
Ion Ratio Lower Upper
91 100
92 50.2 25.9 77.8
134 25.1 12.5 37.5



#90
Hexachloroethane
Concen: 20.980 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU048958.D
Acq: 08 Jun 2022 12:57

Tgt Ion: 117 Resp: 34433
Ion Ratio Lower Upper
117 100
201 81.9 39.6 119.0

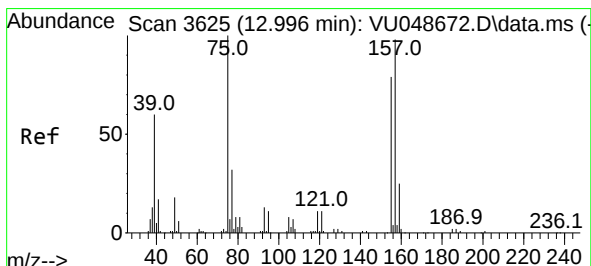
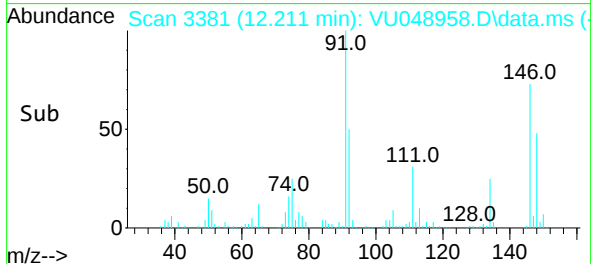
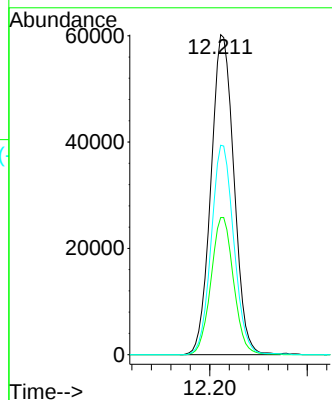
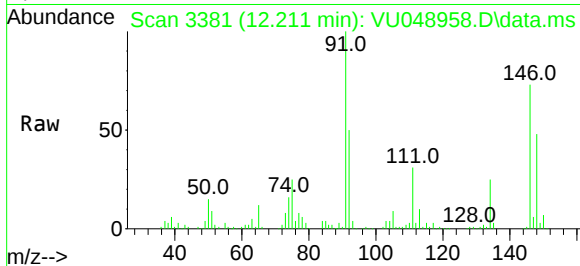




#91
 1,2-Dichlorobenzene
 Concen: 20.681 ug/l
 RT: 12.211 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU048958.D
 Acq: 08 Jun 2022 12:57

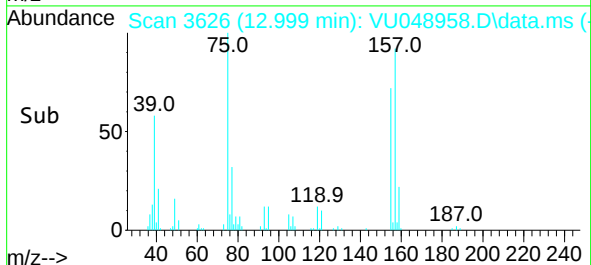
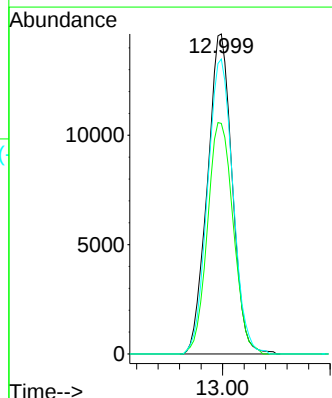
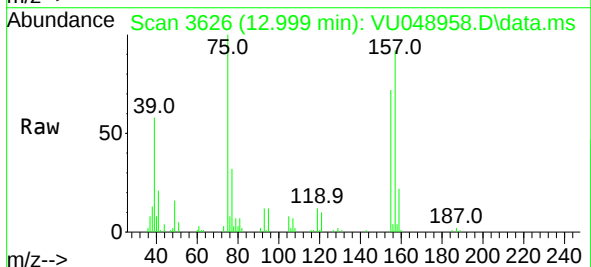
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608MBS01

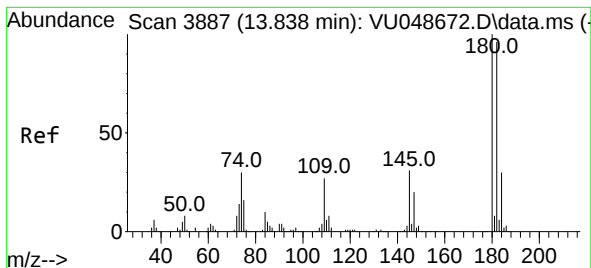
Tgt Ion:146 Resp: 98664
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.232 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU048958.D
 Acq: 08 Jun 2022 12:57

Tgt Ion: 75 Resp: 23428
 Ion Ratio Lower Upper
 75 100
 155 75.4 40.3 120.8
 157 94.5 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 15.907 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBS01

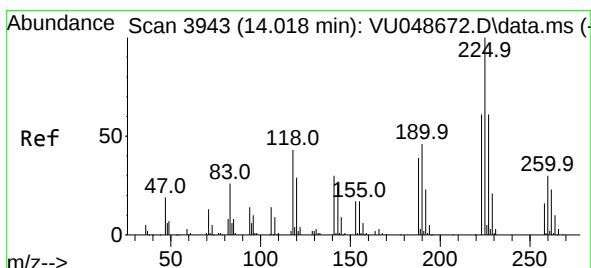
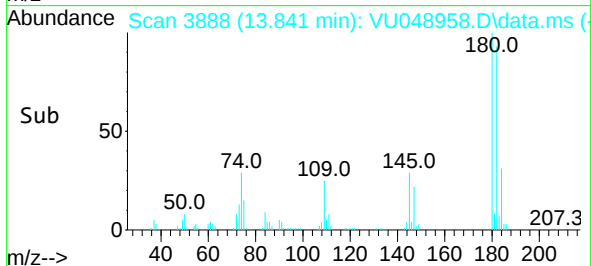
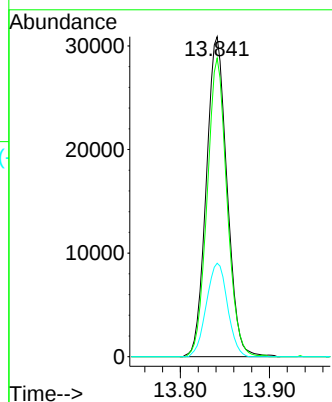
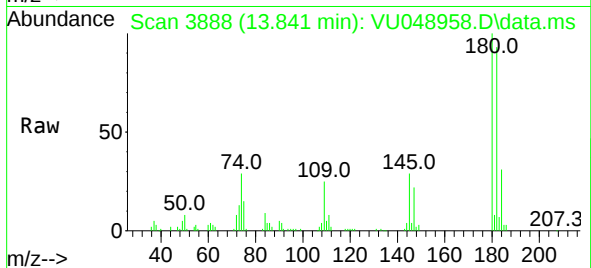
Tgt Ion:180 Resp: 49798

Ion Ratio Lower Upper

180 100

182 89.2 48.3 144.9

145 29.7 15.6 46.7



#94

Hexachlorobutadiene

Concen: 20.407 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

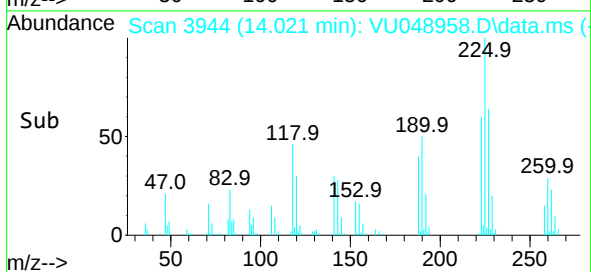
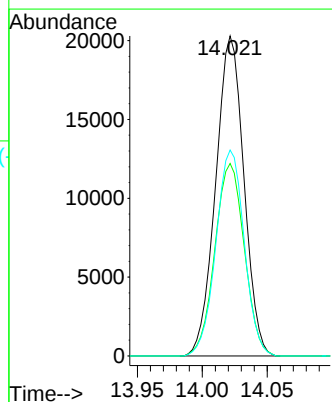
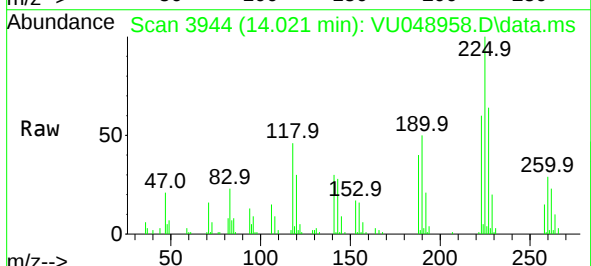
Tgt Ion:225 Resp: 30622

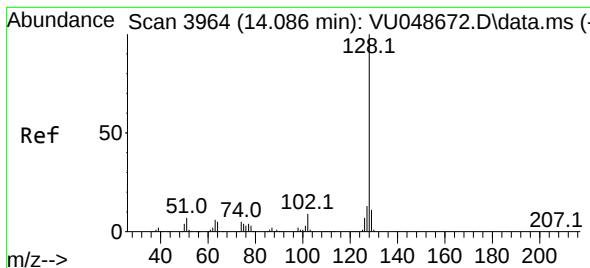
Ion Ratio Lower Upper

225 100

223 62.7 30.9 92.8

227 64.6 31.1 93.5





#95

Naphthalene

Concen: 15.023 ug/l

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VU0608MBSD01

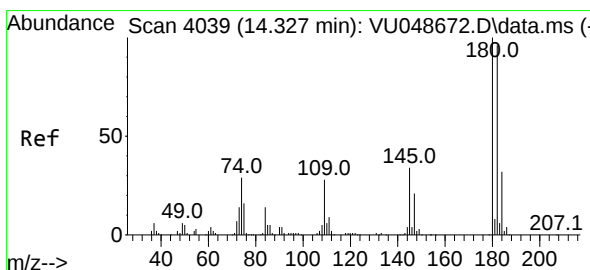
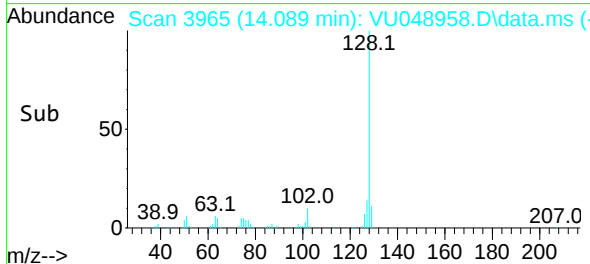
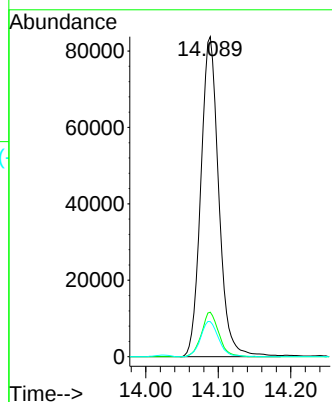
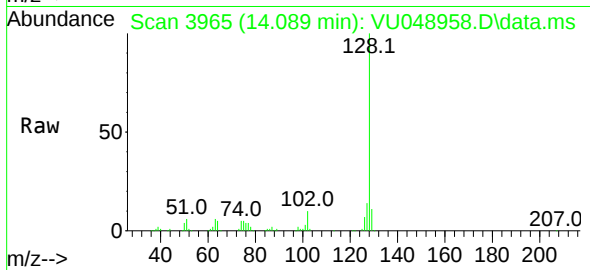
Tgt Ion:128 Resp: 143867

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.727 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048958.D

Acq: 08 Jun 2022 12:57

Tgt Ion:180 Resp: 51865

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.2

145 33.0 16.6 49.8

