

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048948.D
 Acq On : 08 Jun 2022 06:56
 Operator : SY/MD
 Sample : N3166-12MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MS

Quant Time: Jun 08 09:18:54 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	163794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	269740	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	256547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	145055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	137588	55.933	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.860%
35) Dibromofluoromethane	5.288	113	105824	54.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.980%
50) Toluene-d8	7.899	98	353512	51.247	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	10.632	95	139804	53.588	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	82979	44.254	ug/l	99
3) Chloromethane	1.520	50	115458	47.832	ug/l	99
4) Vinyl Chloride	1.604	62	106872	47.803	ug/l	99
5) Bromomethane	1.832	94	53316	42.177	ug/l	98
6) Chloroethane	1.912	64	61951	50.492	ug/l	100
7) Trichlorofluoromethane	2.128	101	154031	48.241	ug/l	99
8) Diethyl Ether	2.375	74	59438	50.445	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.575	101	83525	47.789	ug/l	97
10) Methyl Iodide	2.716	142	124157	47.954	ug/l	100
11) Tert butyl alcohol	3.192	59	209728	336.293	ug/l #	42
12) 1,1-Dichloroethene	2.575	96	78573	47.132	ug/l	96
13) Acrolein	2.481	56	40785	196.436	ug/l	96
14) Allyl chloride	2.919	41	157160	48.673	ug/l	97
15) Acrylonitrile	3.308	53	410427	303.441	ug/l	98
16) Acetone	2.623	43	370682	295.691	ug/l	100
17) Carbon Disulfide	2.787	76	181939	37.385	ug/l	100
18) Methyl Acetate	2.944	43	164629	52.305	ug/l	98
19) Methyl tert-butyl Ether	3.359	73	352716	55.761	ug/l	99
20) Methylene Chloride	3.041	84	105668	49.568	ug/l	97
21) trans-1,2-Dichloroethene	3.349	96	89699	47.038	ug/l	97
22) Diisopropyl ether	3.989	45	350076	58.776	ug/l	94
23) Vinyl Acetate	3.951	43	1187088	230.038	ug/l	99
24) 1,1-Dichloroethane	3.867	63	201115	53.764	ug/l	99
25) 2-Butanone	4.697	43	559800	310.839	ug/l	99
26) 2,2-Dichloropropane	4.661	77	94317	28.104	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	112165	50.816	ug/l	94
28) Bromochloromethane	4.970	49	86052	58.649	ug/l	99
29) Tetrahydrofuran	5.047	42	355040	312.978	ug/l	98
30) Chloroform	5.086	83	207490	55.436	ug/l	99
31) Cyclohexane	5.388	56	142869	46.087	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	177201	52.183	ug/l	98
36) 1,1-Dichloropropene	5.523	75	127881	45.532	ug/l	99
37) Ethyl Acetate	4.800	43	276505	77.876	ug/l	99
38) Carbon Tetrachloride	5.523	117	151439	46.999	ug/l	100
39) Methylcyclohexane	6.761	83	135518	46.018	ug/l	98
40) Benzene	5.774	78	404554	48.790	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	106435	59.321	ug/l	99
42) 1,2-Dichloroethane	5.793	62	168276	51.843	ug/l	99
43) Isopropyl Acetate	5.909	43	258889	50.237	ug/l	100
44) Trichloroethene	6.542	130	101518	47.522	ug/l	97
45) 1,2-Dichloropropane	6.790	63	120204	57.583	ug/l	98
46) Dibromomethane	6.918	93	81506	52.261	ug/l	98
47) Bromodichloromethane	7.105	83	162870	51.641	ug/l	99
48) Methyl methacrylate	6.957	41	132965	57.475	ug/l	98
49) 1,4-Dioxane	6.963	88	78215	1512.393	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	1088440	325.276	ug/l	99
52) Toluene	7.970	92	256560	51.729	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	159896	46.998	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	162342	46.048	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	116872	53.393	ug/l	98
56) Ethyl methacrylate	8.333	69	184973	53.295	ug/l	100
57) 1,3-Dichloropropane	8.574	76	190561	51.725	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.449	63	120	29.893	ug/l #	47
59) 2-Hexanone	8.684	43	875356	318.643	ug/l	98
60) Dibromochloromethane	8.809	129	125696	51.228	ug/l	100
61) 1,2-Dibromoethane	8.925	107	118340	49.091	ug/l	100
64) Tetrachloroethene	8.552	164	83254	46.659	ug/l	96
65) Chlorobenzene	9.446	112	279728	51.553	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	114555	55.621	ug/l	97
67) Ethyl Benzene	9.571	91	472922	51.677	ug/l	99
68) m/p-Xylenes	9.693	106	380143	106.208	ug/l	99
69) o-Xylene	10.098	106	190938	54.299	ug/l	97
70) Styrene	10.114	104	327068	56.547	ug/l	99
71) Bromoform	10.291	173	106791	56.080	ug/l #	100
73) Isopropylbenzene	10.484	105	495531	52.915	ug/l	99
74) N-amyl acetate	10.320	43	197793	42.128	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	232619	60.870	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	249031	53.247	ug/l	99
77) Bromobenzene	10.783	156	127169	50.564	ug/l	99
78) n-propylbenzene	10.905	91	570141	51.093	ug/l	100
79) 2-Chlorotoluene	10.986	91	364236	52.488	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	448777	55.107	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	56104	43.556	ug/l	96
82) 4-Chlorotoluene	11.095	91	424275	52.991	ug/l	99
83) tert-Butylbenzene	11.420	119	436099	55.795	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	439549	50.079	ug/l	99
85) sec-Butylbenzene	11.645	105	530657	54.269	ug/l	98
86) p-Isopropyltoluene	11.793	119	453464	54.002	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	243124	49.305	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	243737	47.844	ug/l	99
89) n-Butylbenzene	12.208	91	372731	44.593	ug/l	99
90) Hexachloroethane	12.475	117	90072	52.559	ug/l	98
91) 1,2-Dichlorobenzene	12.211	146	268501	53.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	61346	55.752	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	142111	43.475	ug/l	98
94) Hexachlorobutadiene	14.021	225	76960	49.119	ug/l	99
95) Naphthalene	14.085	128	449667	39.921	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	148181	45.769	ug/l	99

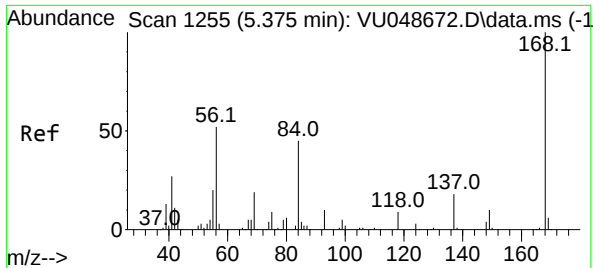
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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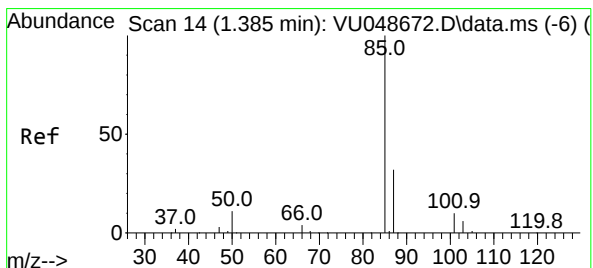
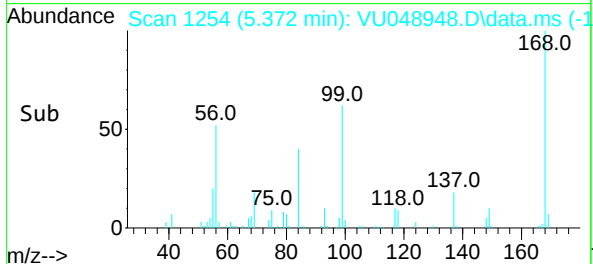
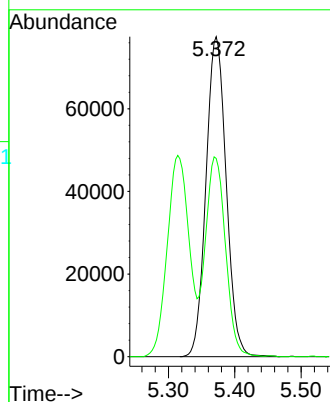
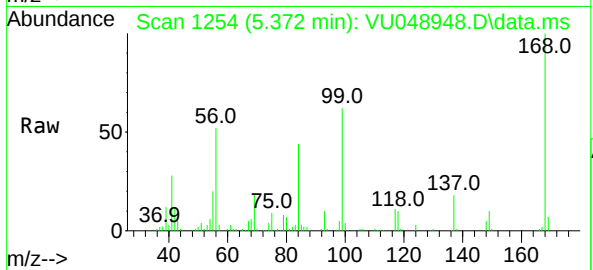
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048948.D
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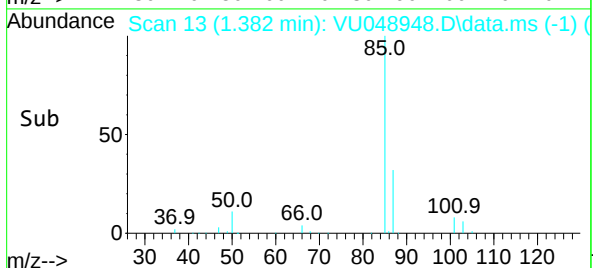
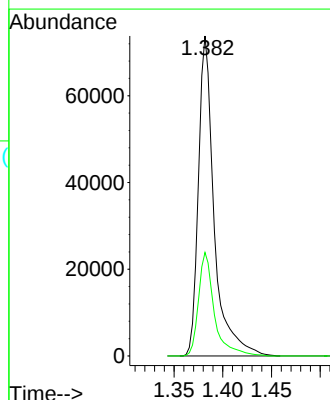
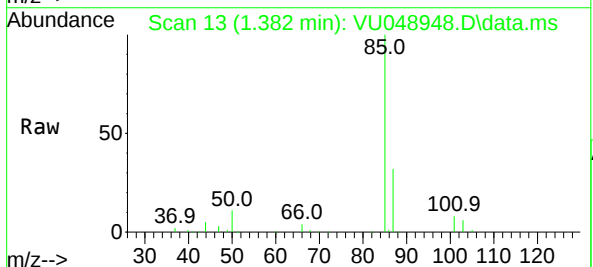
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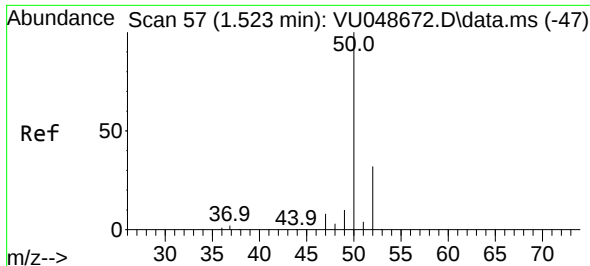
Tgt Ion:168 Resp: 163794
Ion Ratio Lower Upper
168 100
99 62.0 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 44.254 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 85 Resp: 82979
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

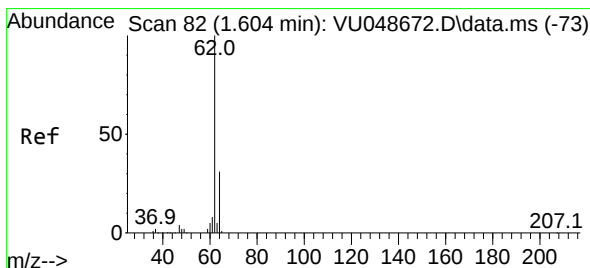
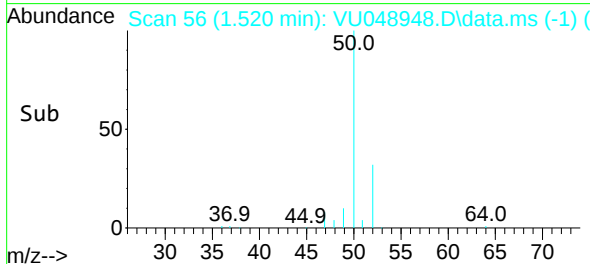
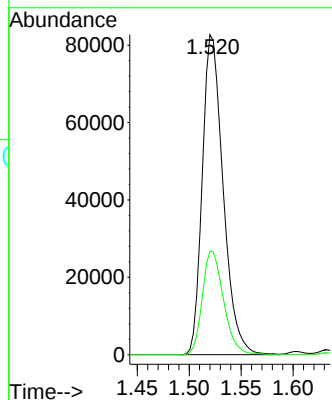
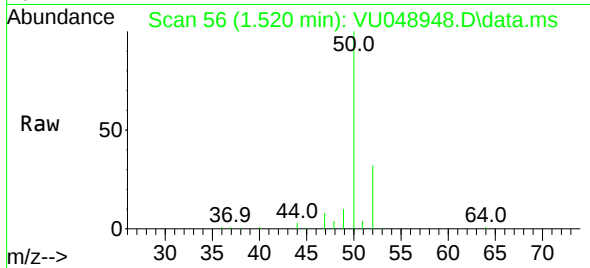




#3
Chloromethane
Concen: 47.832 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048948.D
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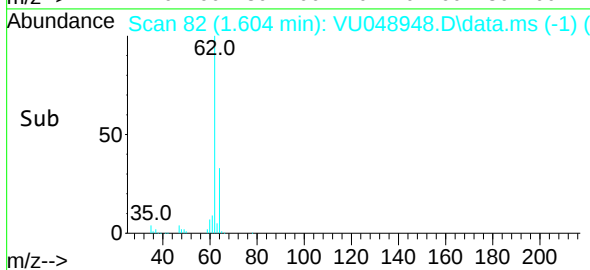
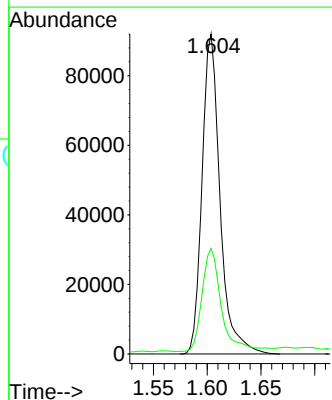
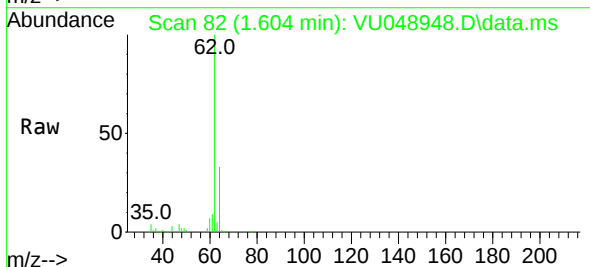
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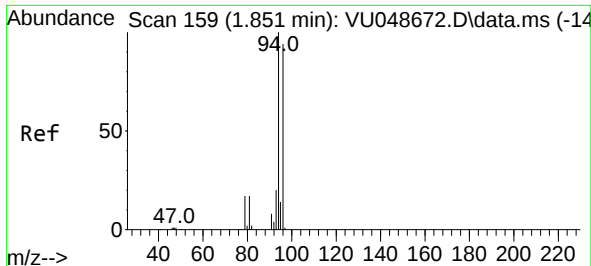
Tgt Ion: 50 Resp: 115458
Ion Ratio Lower Upper
50 100
52 32.4 25.7 38.5



#4
Vinyl Chloride
Concen: 47.803 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048948.D
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Tgt Ion: 62 Resp: 106872
Ion Ratio Lower Upper
62 100
64 32.2 25.2 37.8

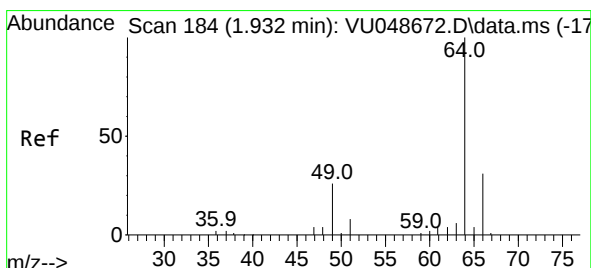
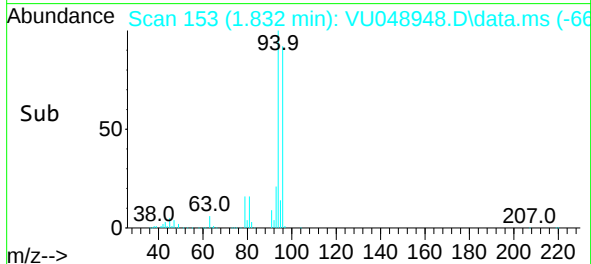
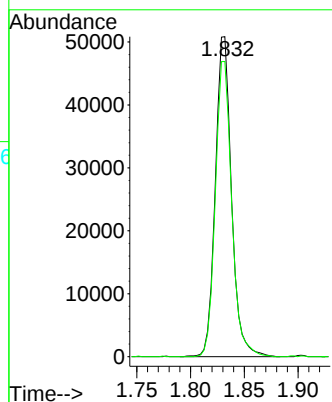
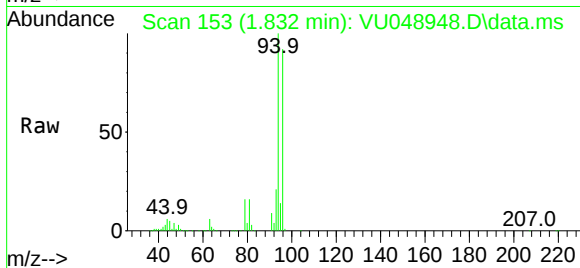




#5
Bromomethane
Concen: 42.177 ug/l
RT: 1.832 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

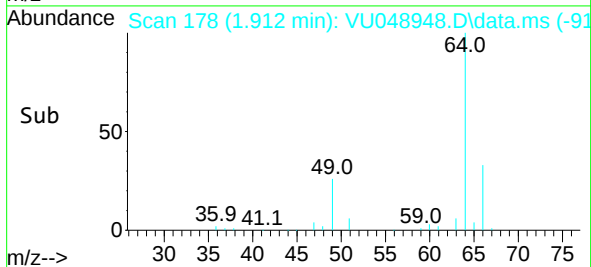
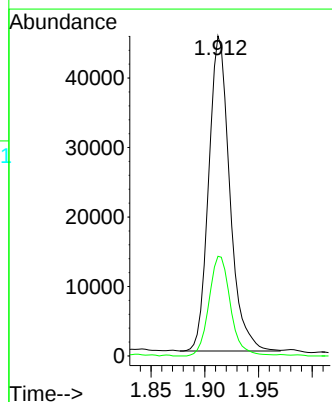
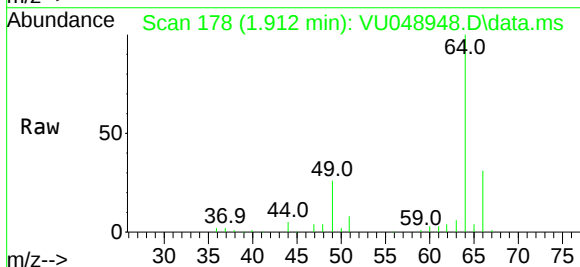
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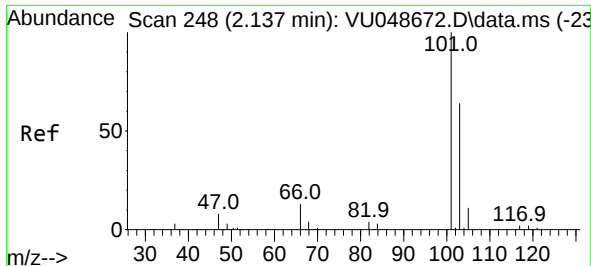
Tgt Ion: 94 Resp: 53316
Ion Ratio Lower Upper
94 100
96 92.3 75.1 112.7



#6
Chloroethane
Concen: 50.492 ug/l
RT: 1.912 min Scan# 178
Delta R.T. -0.020 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 64 Resp: 61951
Ion Ratio Lower Upper
64 100
66 31.7 25.2 37.8

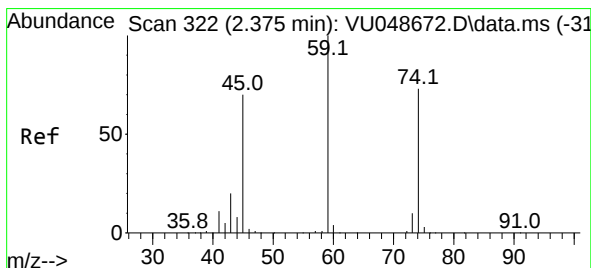
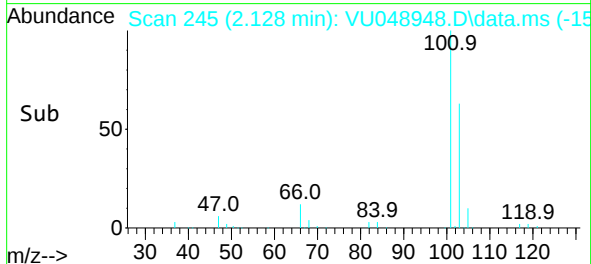
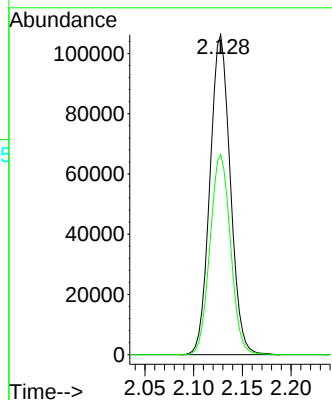
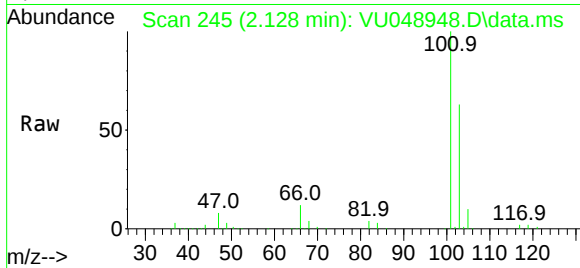




#7
 Trichlorofluoromethane
 Concen: 48.241 ug/l
 RT: 2.128 min Scan# 248
 Delta R.T. -0.010 min
 Lab File: VU048948.D
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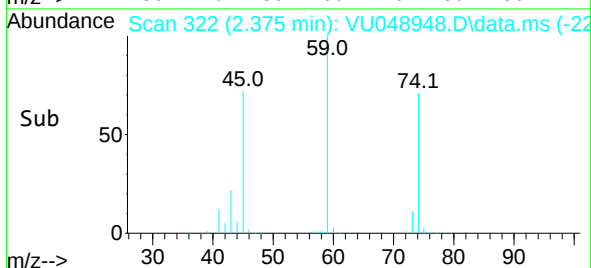
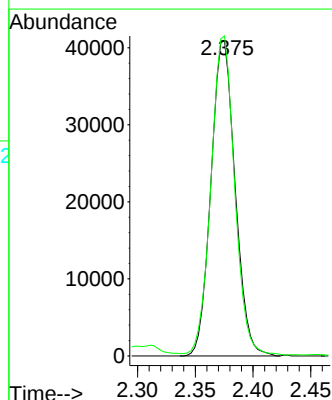
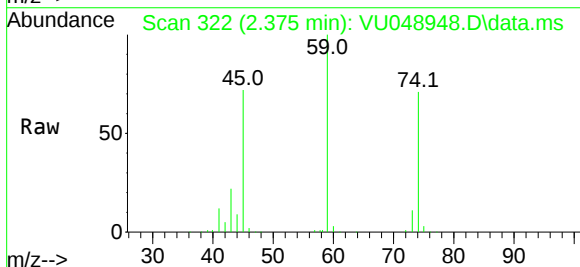
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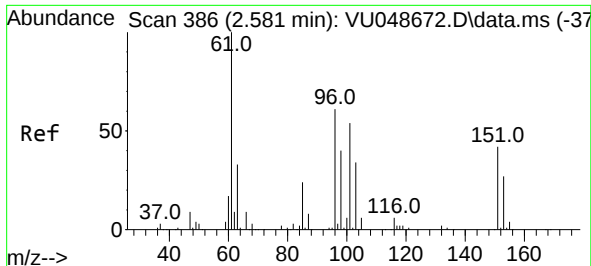
Tgt Ion:101 Resp: 154031
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.0 76.4



#8
 Diethyl Ether
 Concen: 50.445 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU048948.D
 Acq: 08 Jun 2022 06:56

Tgt Ion: 74 Resp: 59438
 Ion Ratio Lower Upper
 74 100
 45 99.2 47.7 143.1

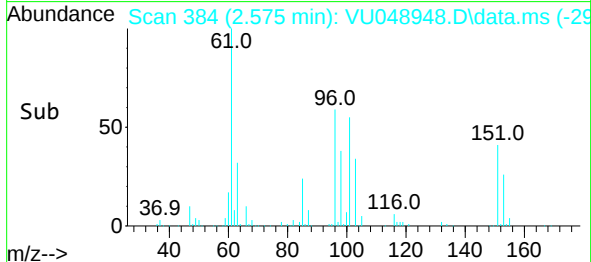
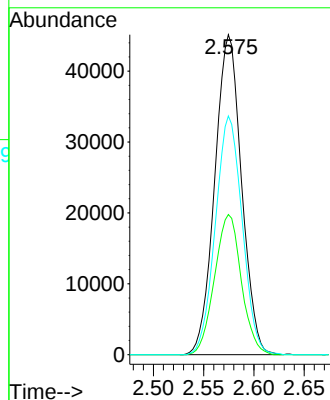
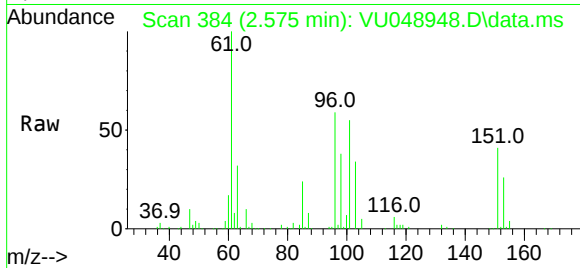




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.789 ug/l
RT: 2.575 min Scan# 31
Delta R.T. -0.007 min
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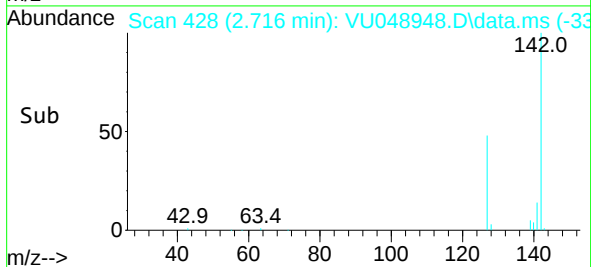
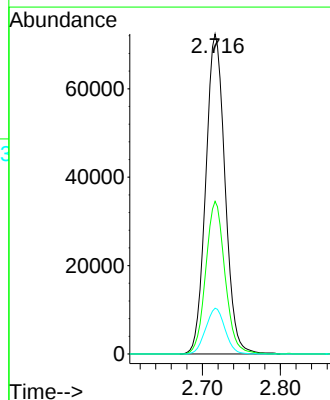
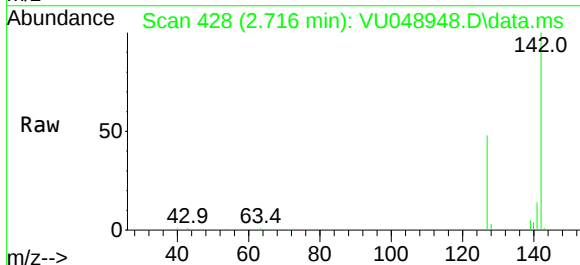
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ClientSampleId :
11BR-20220601MS

Tgt Ion:101 Resp: 83525
Ion Ratio Lower Upper
101 100
85 43.7 35.4 53.2
151 74.8 62.5 93.7



#10
Methyl Iodide
Concen: 47.954 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.007 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion:142 Resp: 124157
Ion Ratio Lower Upper
142 100
127 47.7 38.4 57.6
141 14.3 11.5 17.3

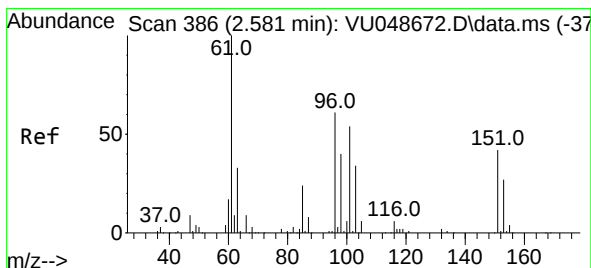
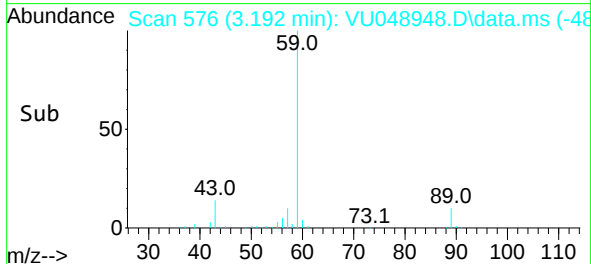
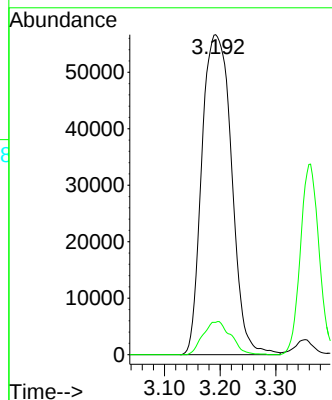
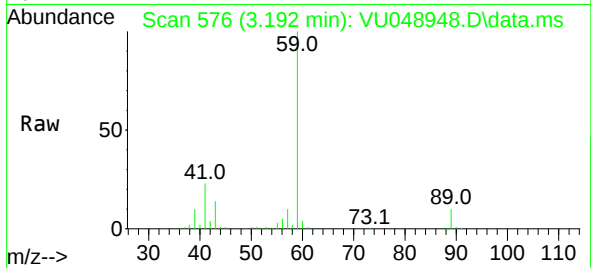




#11
Tert butyl alcohol
Concen: 336.293 ug/l
RT: 3.192 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

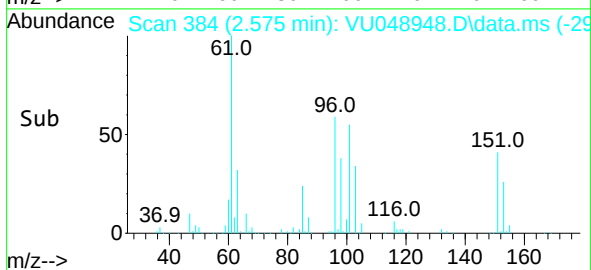
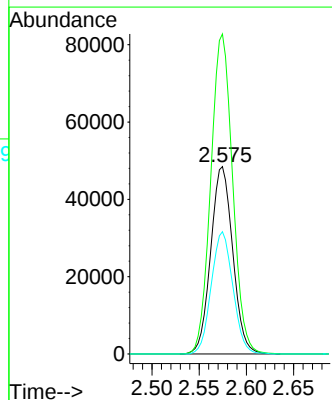
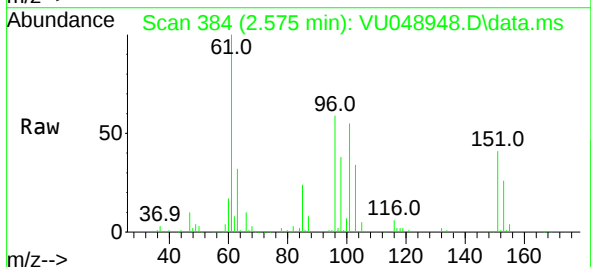
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

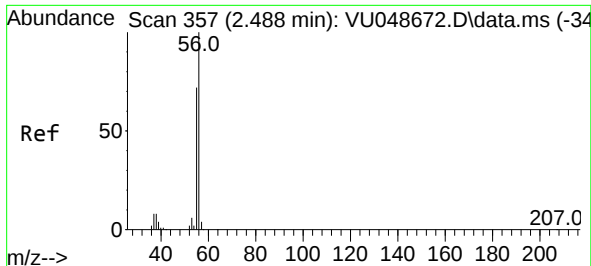
Tgt Ion: 59 Resp: 209728
Ion Ratio Lower Upper
59 100
57 9.7 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 47.132 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.007 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

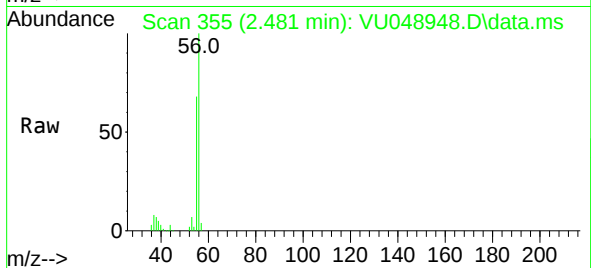
Tgt Ion: 96 Resp: 78573
Ion Ratio Lower Upper
96 100
61 170.8 131.1 196.7
98 65.3 51.8 77.8



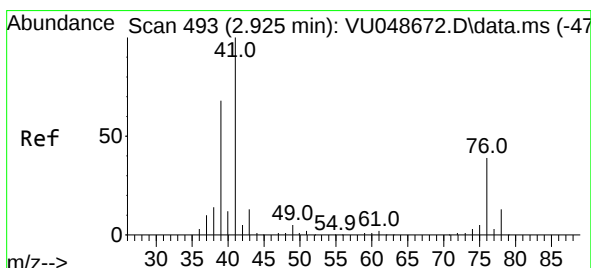
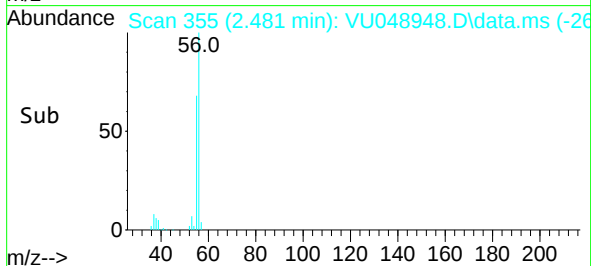
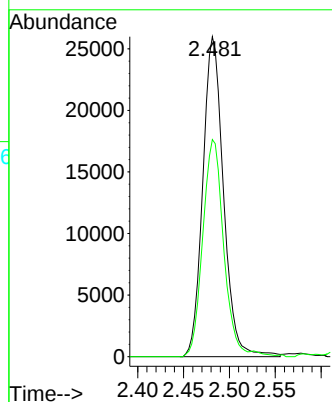


#13
Acrolein
Concen: 196.436 ug/l
RT: 2.481 min Scan# 357
Delta R.T. -0.007 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

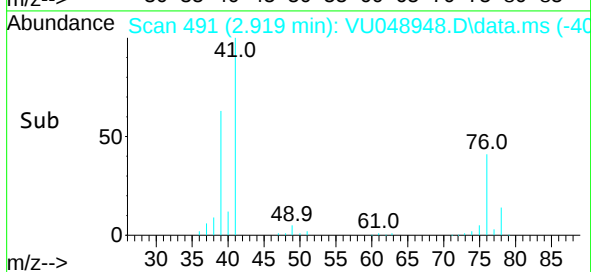
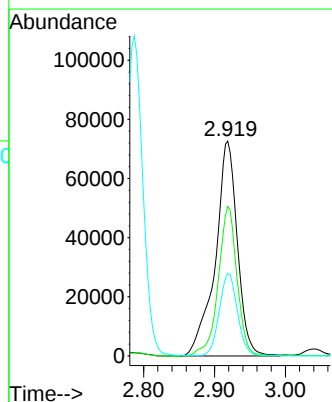
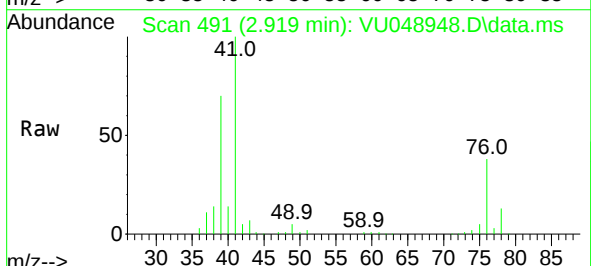


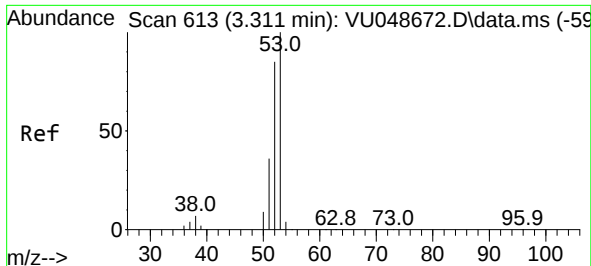
Tgt Ion: 56 Resp: 40785
Ion Ratio Lower Upper
56 100
55 68.8 57.7 86.5



#14
Allyl chloride
Concen: 48.673 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.007 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 41 Resp: 157160
Ion Ratio Lower Upper
41 100
39 59.1 48.6 72.8
76 31.1 27.0 40.4

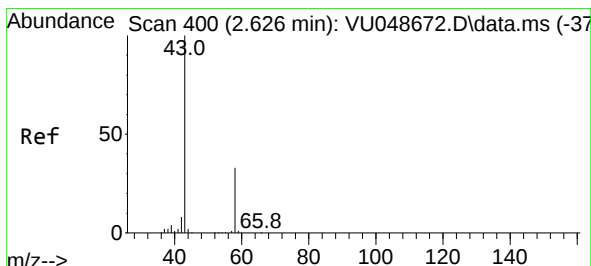
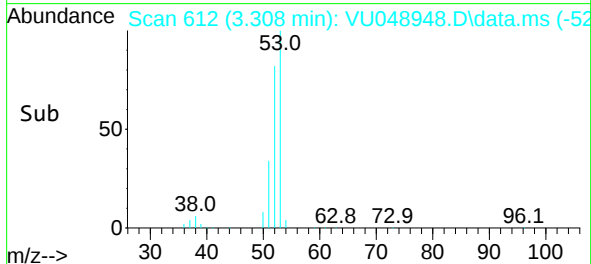
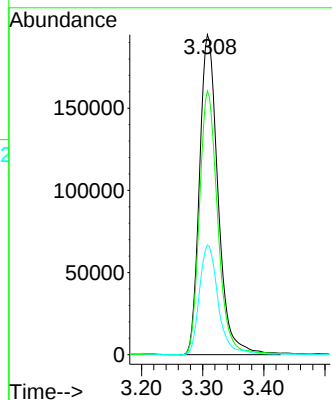
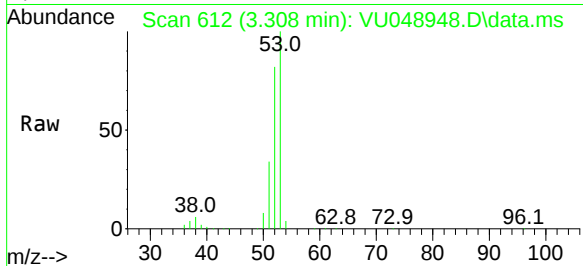




#15
Acrylonitrile
Concen: 303.441 ug/l
RT: 3.308 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

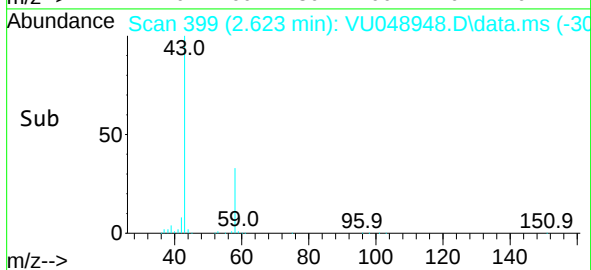
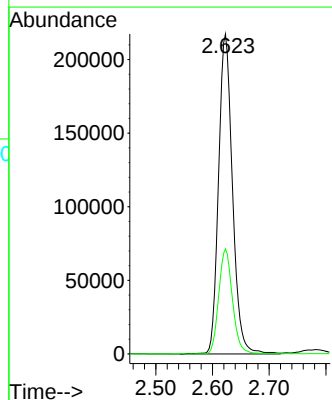
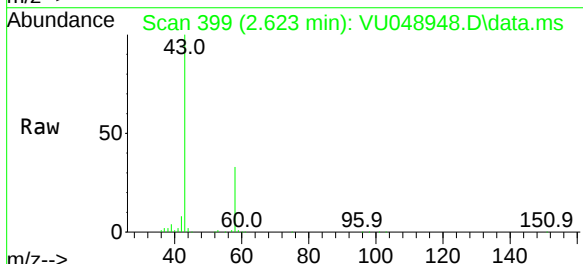
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

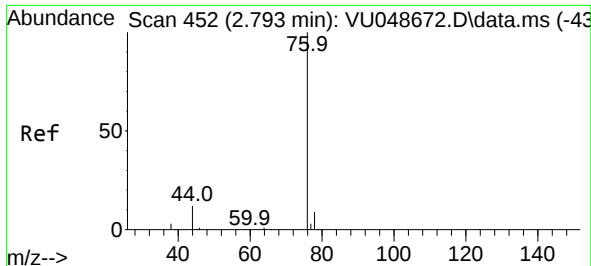
Tgt Ion: 53 Resp: 410427
Ion Ratio Lower Upper
53 100
52 80.8 66.3 99.5
51 34.8 28.6 42.8



#16
Acetone
Concen: 295.691 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 43 Resp: 370682
Ion Ratio Lower Upper
43 100
58 32.8 26.3 39.5

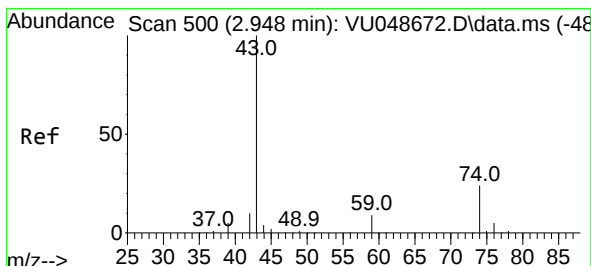
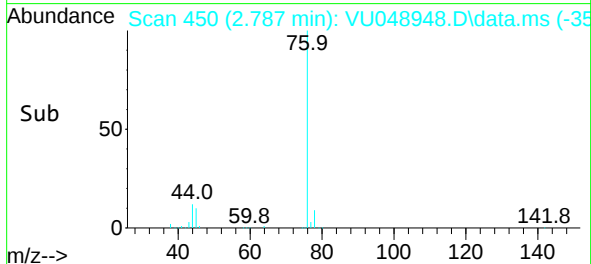
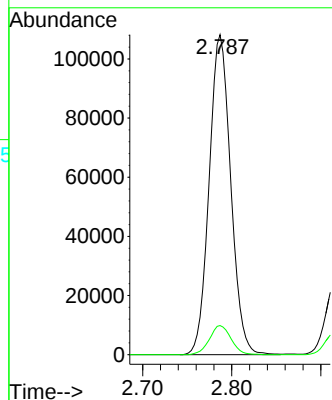
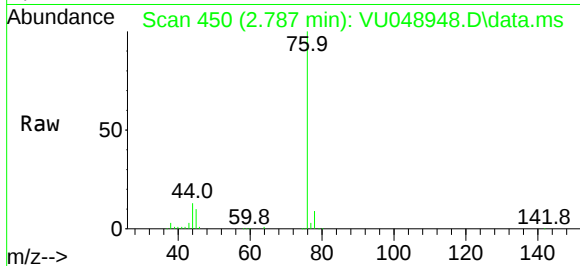




#17
Carbon Disulfide
Concen: 37.385 ug/l
RT: 2.787 min Scan# 411
Delta R.T. -0.007 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

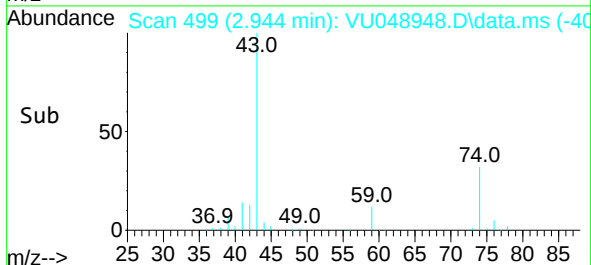
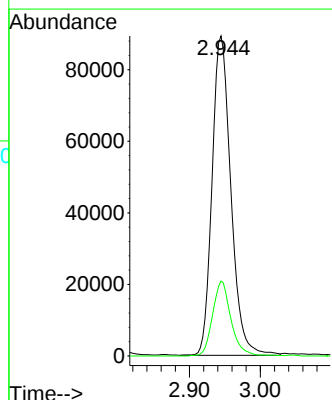
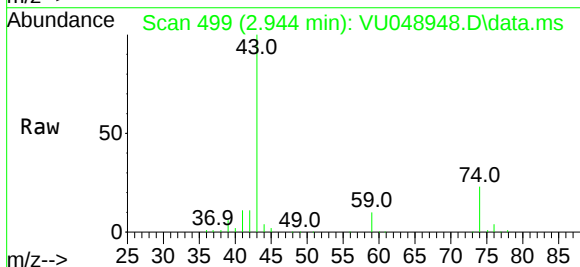
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

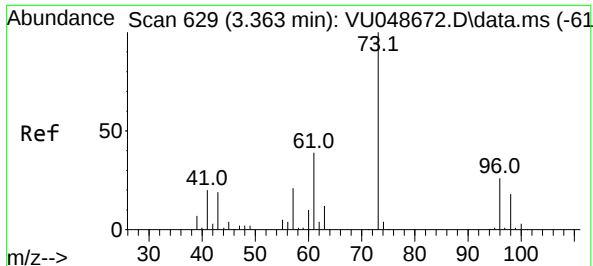
Tgt Ion: 76 Resp: 181939
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 52.305 ug/l
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 43 Resp: 164629
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8

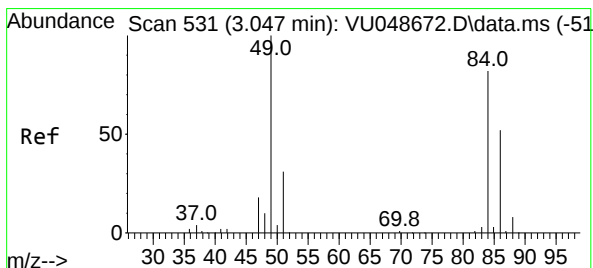
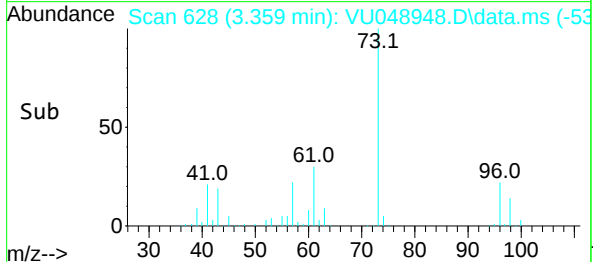
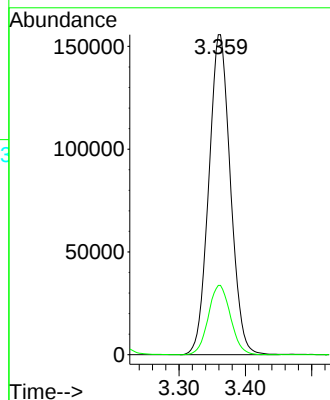
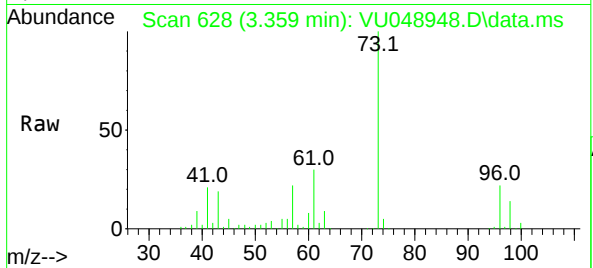




#19
Methyl tert-butyl Ether
Concen: 55.761 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

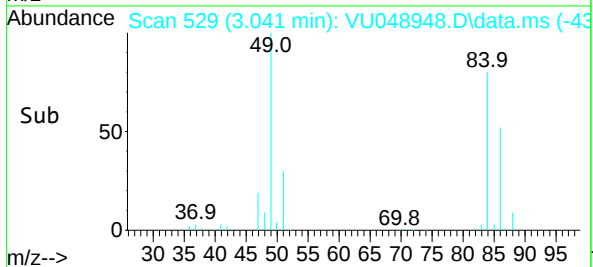
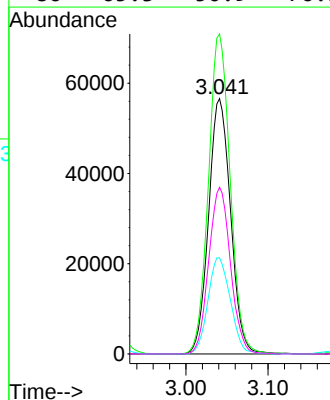
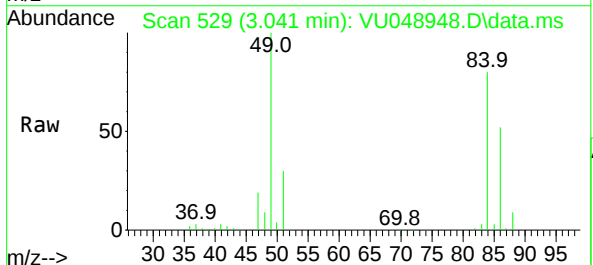
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

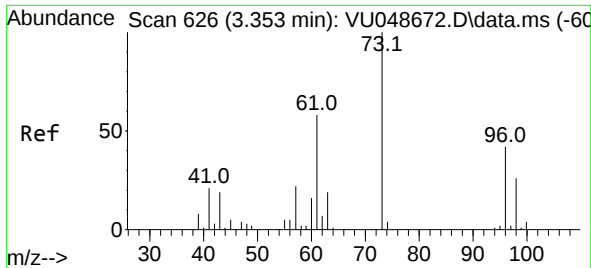
Tgt Ion: 73 Resp: 352716
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#20
Methylene Chloride
Concen: 49.568 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.007 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 84 Resp: 105668
Ion Ratio Lower Upper
84 100
49 125.3 97.0 145.4
51 37.7 29.8 44.8
86 65.3 50.9 76.3

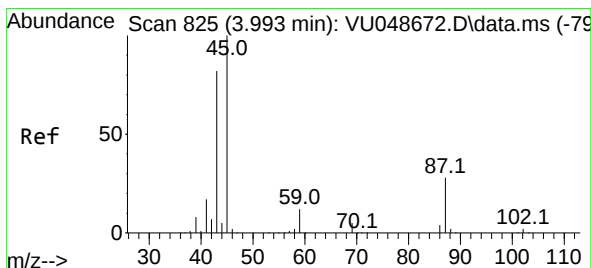
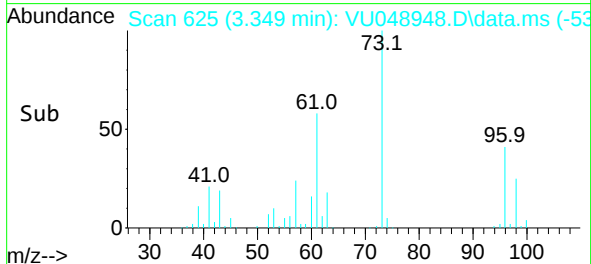
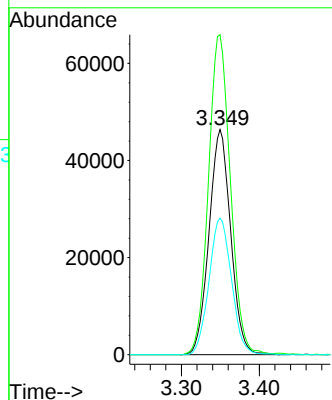
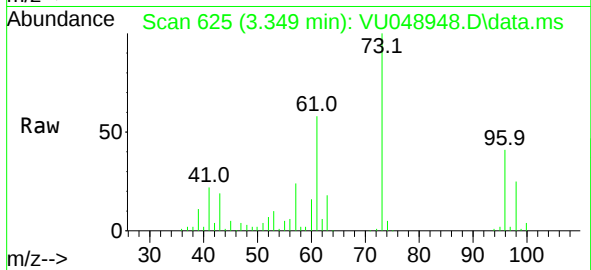




#21
trans-1,2-Dichloroethene
Concen: 47.038 ug/l
RT: 3.349 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

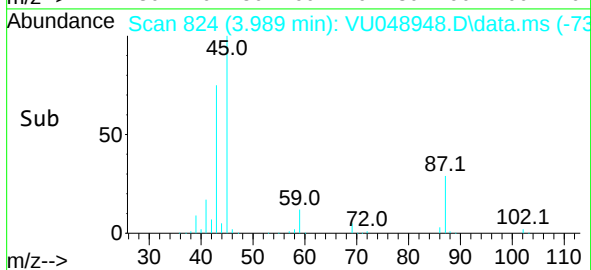
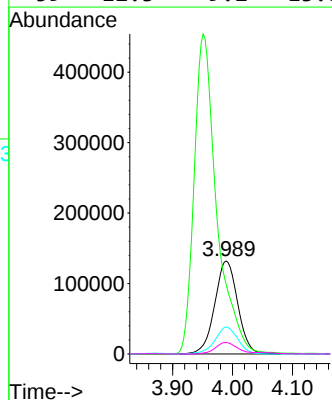
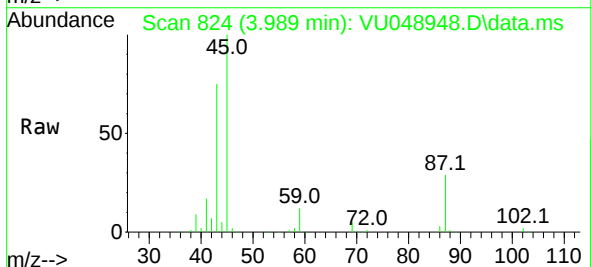
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

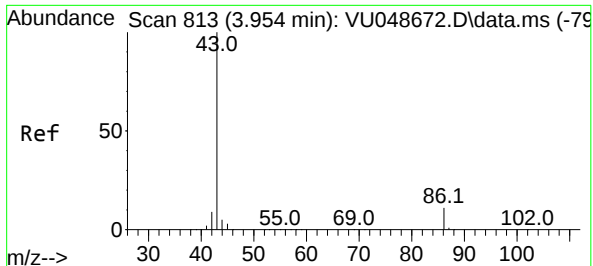
Tgt Ion: 96 Resp: 89699
Ion Ratio Lower Upper
96 100
61 142.1 109.4 164.2
98 60.6 48.9 73.3



#22
Diisopropyl ether
Concen: 58.776 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 45 Resp: 350076
Ion Ratio Lower Upper
45 100
43 74.0 65.2 97.8
87 29.0 22.7 34.1
59 12.3 9.2 13.8

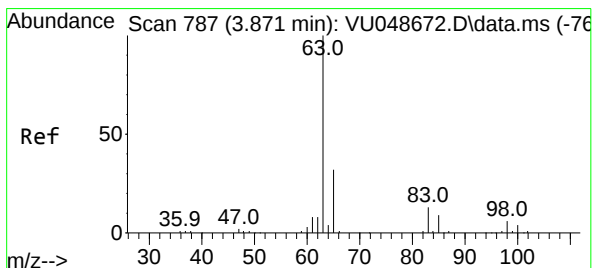
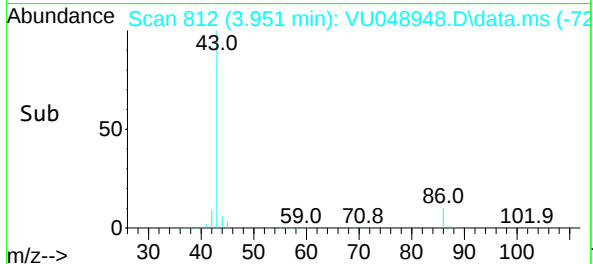
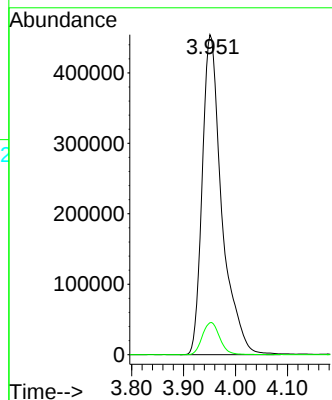
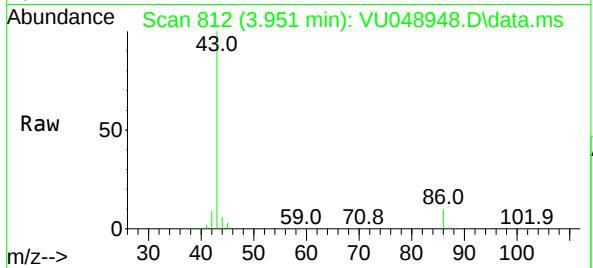




#23
 Vinyl Acetate
 Concen: 230.038 ug/l
 RT: 3.951 min Scan# 813
 Delta R.T. -0.003 min
 Lab File: VU048948.D
 Acq: 08 Jun 2022 06:56

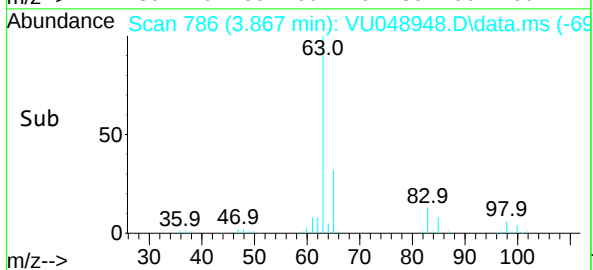
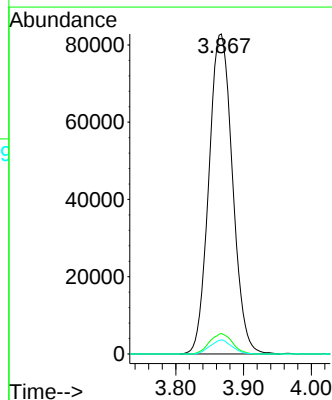
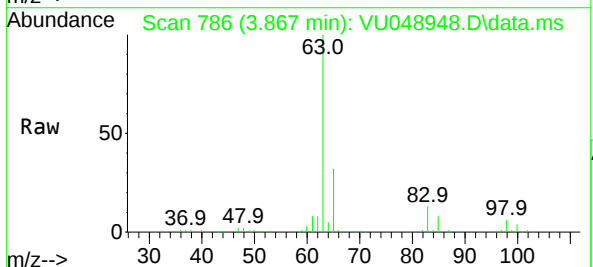
Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MS

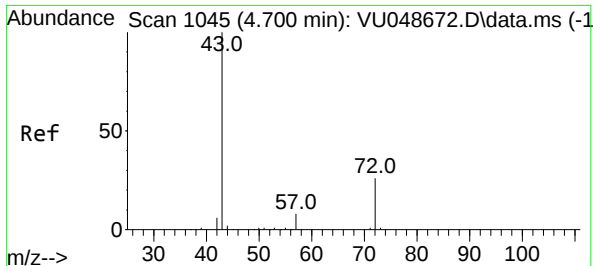
Tgt Ion: 43 Resp: 1187088
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 53.764 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048948.D
 Acq: 08 Jun 2022 06:56

Tgt Ion: 63 Resp: 201115
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.3
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 310.839 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

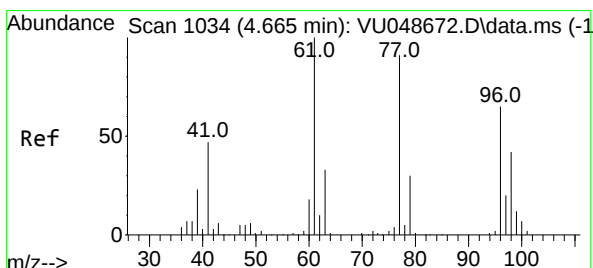
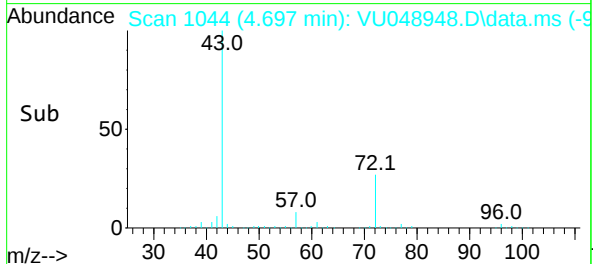
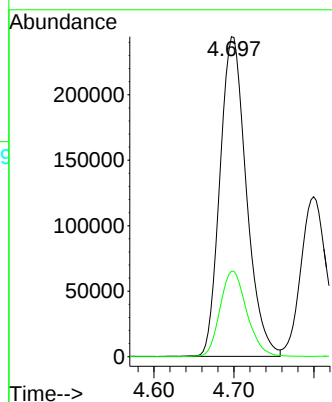
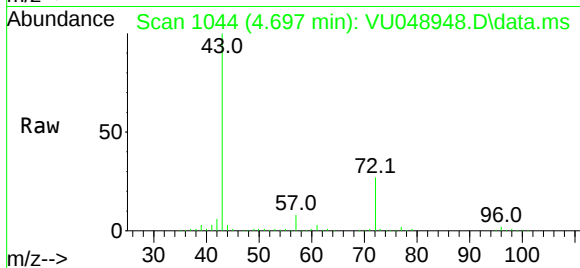
11BR-20220601MS

Tgt Ion: 43 Resp: 559800

Ion Ratio Lower Upper

43 100

72 26.7 21.1 31.7



#26

2,2-Dichloropropane

Concen: 28.104 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU048948.D

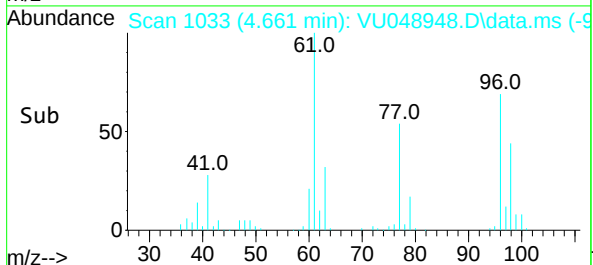
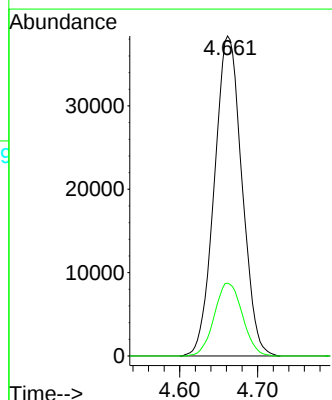
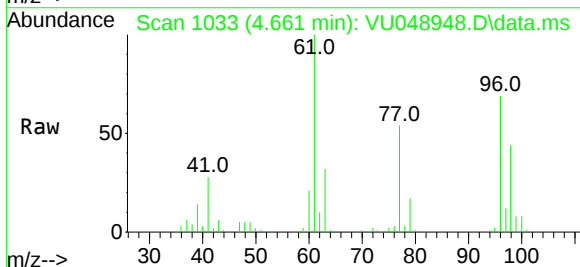
Acq: 08 Jun 2022 06:56

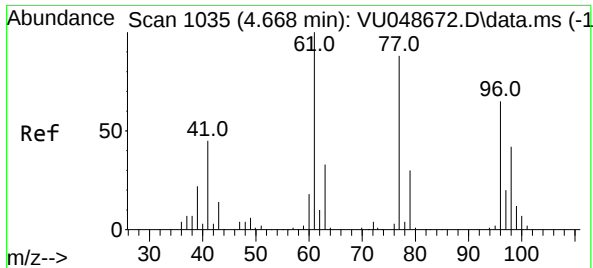
Tgt Ion: 77 Resp: 94317

Ion Ratio Lower Upper

77 100

97 23.2 11.1 33.1

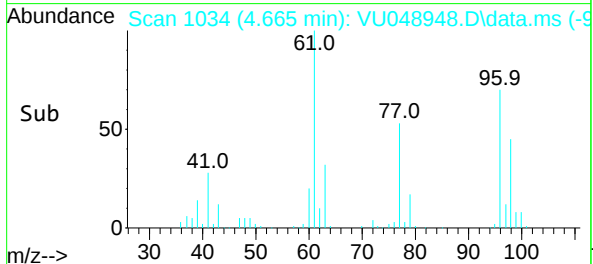
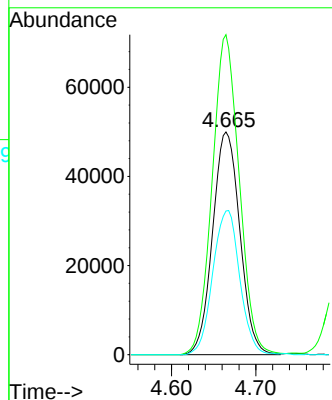
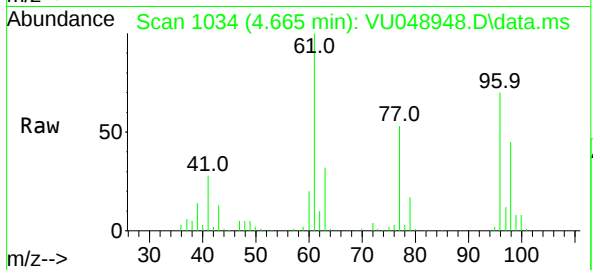




#27
 cis-1,2-Dichloroethene
 Concen: 50.816 ug/l
 RT: 4.665 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU048948.D
 Acq: 08 Jun 2022 06:56

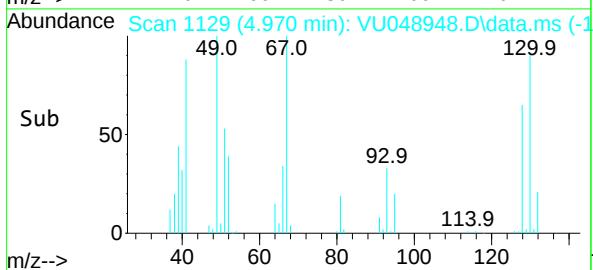
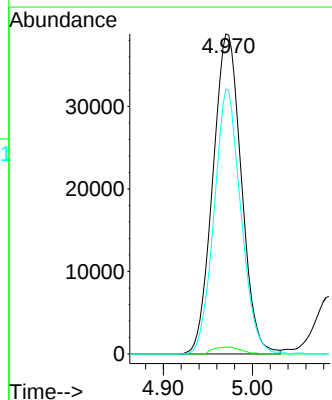
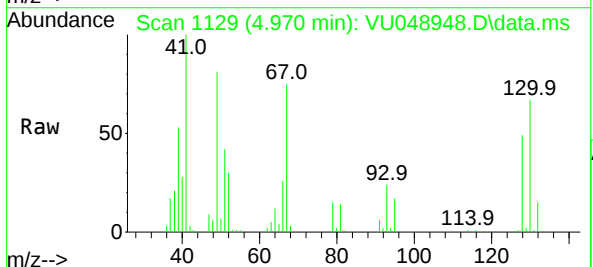
Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MS

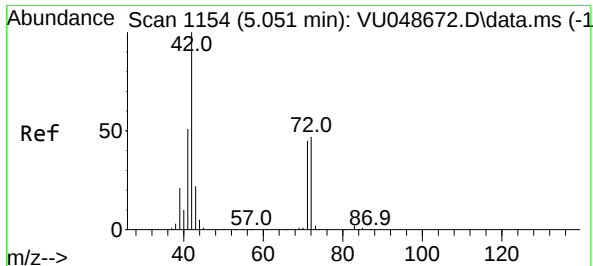
Tgt Ion: 96 Resp: 112165
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 306.2
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 58.649 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU048948.D
 Acq: 08 Jun 2022 06:56

Tgt Ion: 49 Resp: 86052
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 78.0 62.1 93.1





#29

Tetrahydrofuran

Concen: 312.978 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MS

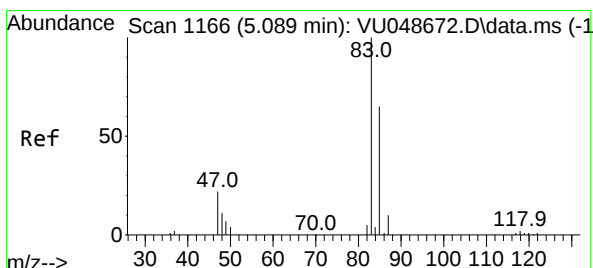
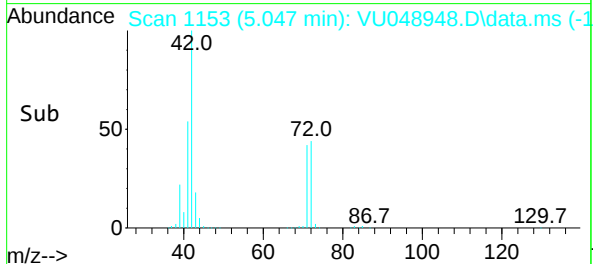
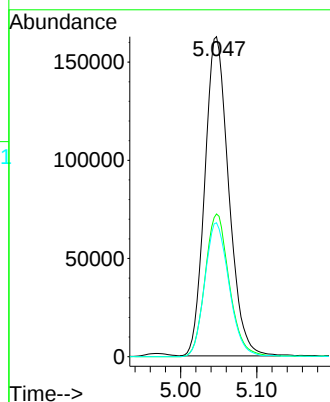
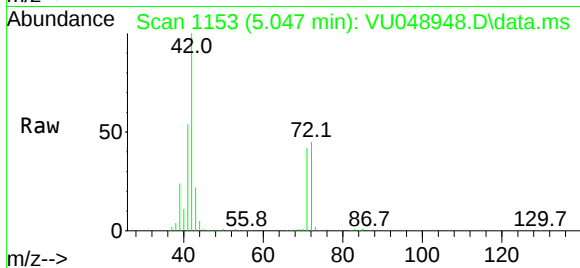
Tgt Ion: 42 Resp: 355040

Ion Ratio Lower Upper

42 100

72 45.5 37.6 56.4

71 42.6 35.0 52.4



#30

Chloroform

Concen: 55.436 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048948.D

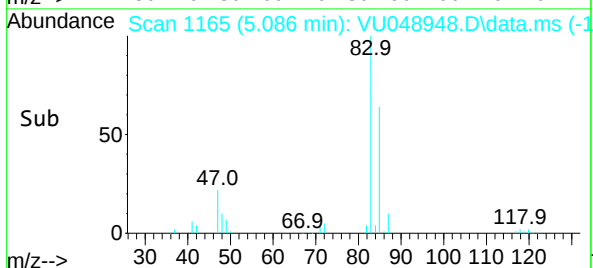
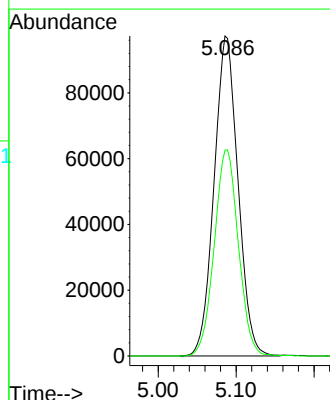
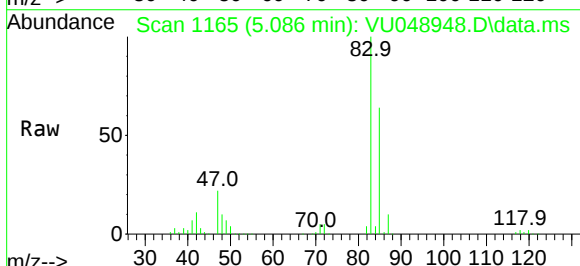
Acq: 08 Jun 2022 06:56

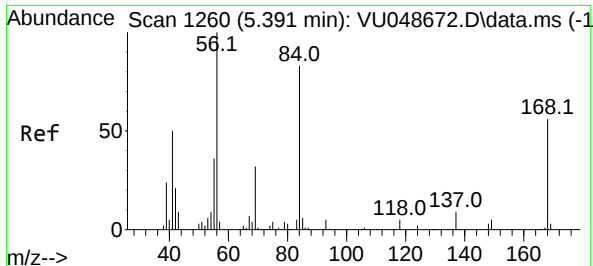
Tgt Ion: 83 Resp: 207490

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2





#31

Cyclohexane

Concen: 46.087 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MS

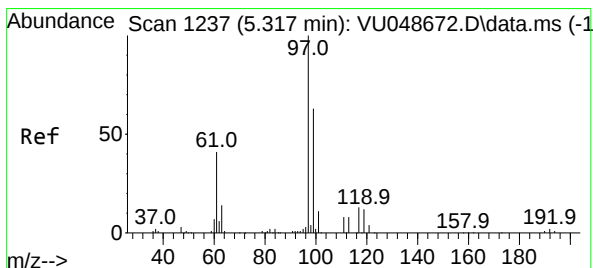
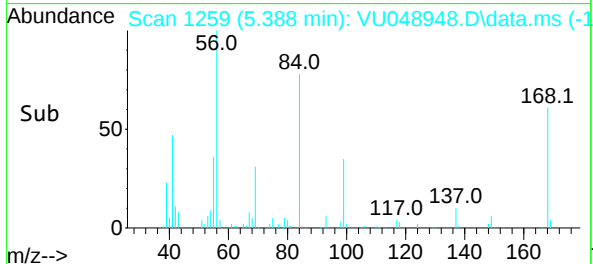
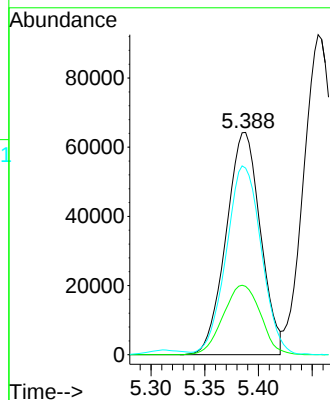
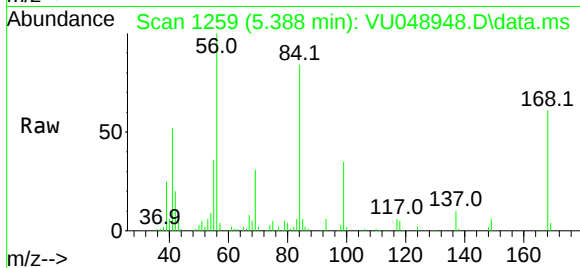
Tgt Ion: 56 Resp: 142869

Ion Ratio Lower Upper

56 100

69 30.8 25.6 38.4

84 82.5 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 52.183 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

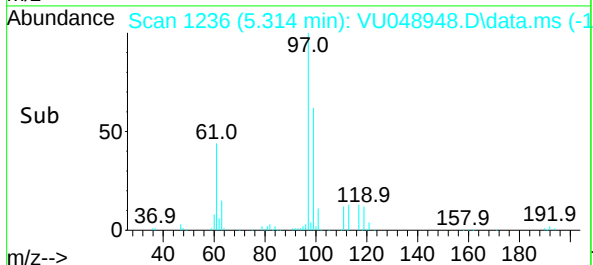
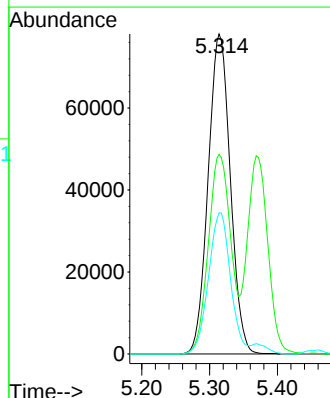
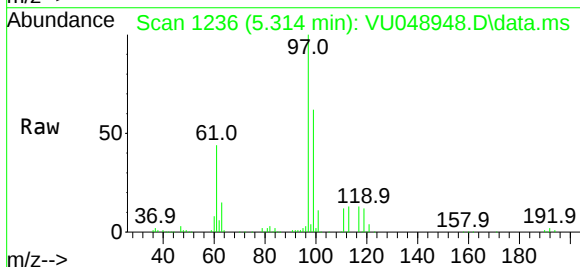
Tgt Ion: 97 Resp: 177201

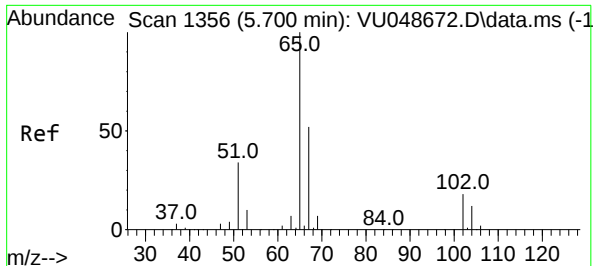
Ion Ratio Lower Upper

97 100

99 62.8 51.6 77.4

61 44.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 55.933 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

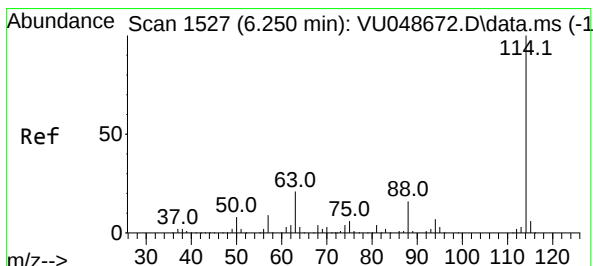
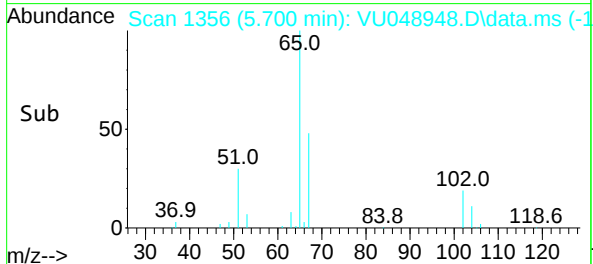
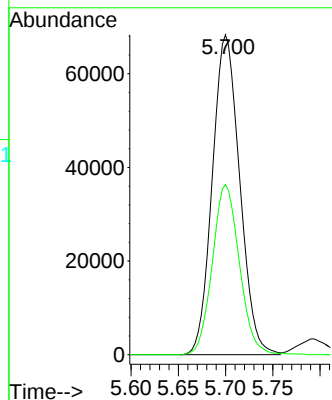
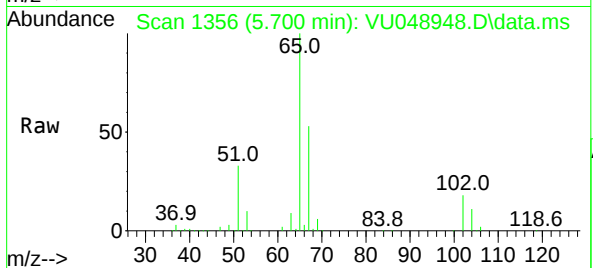
11BR-20220601MS

Tgt Ion: 65 Resp: 137588

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

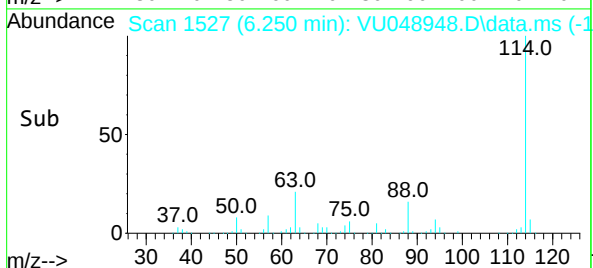
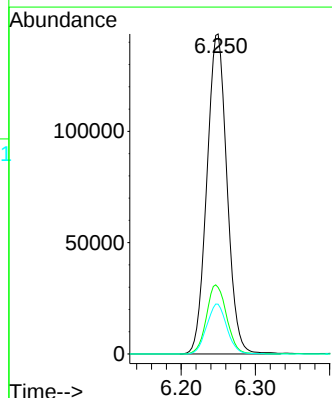
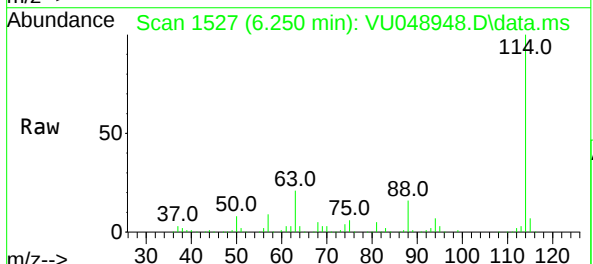
Tgt Ion: 114 Resp: 269740

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.991 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MS

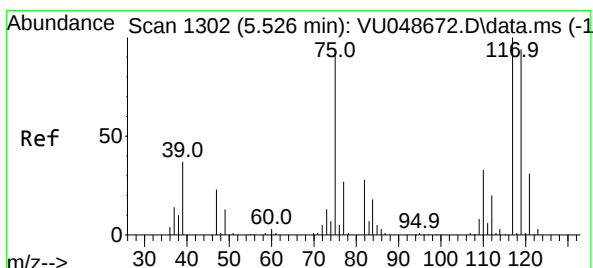
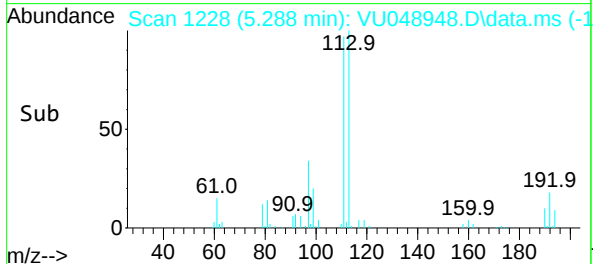
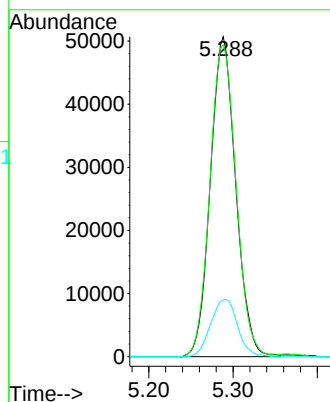
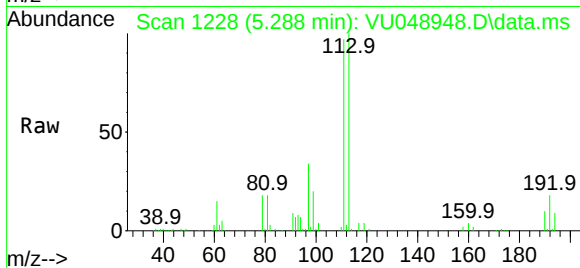
Tgt Ion:113 Resp: 105824

Ion Ratio Lower Upper

113 100

111 100.7 80.7 121.1

192 19.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 45.532 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

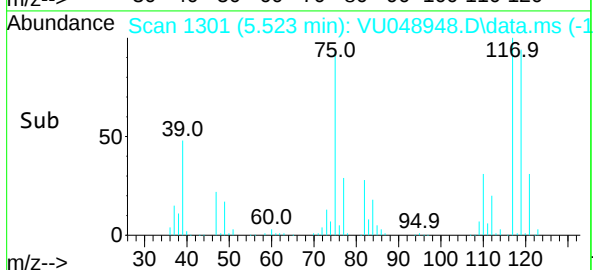
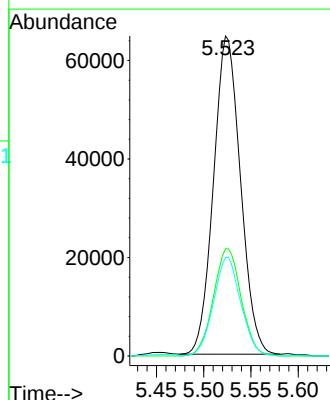
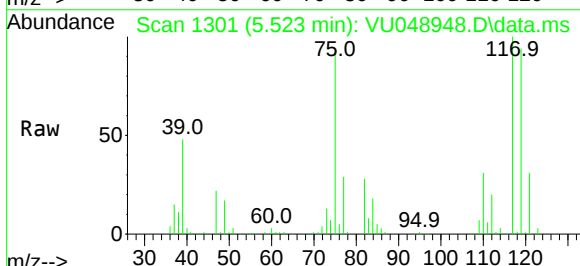
Tgt Ion: 75 Resp: 127881

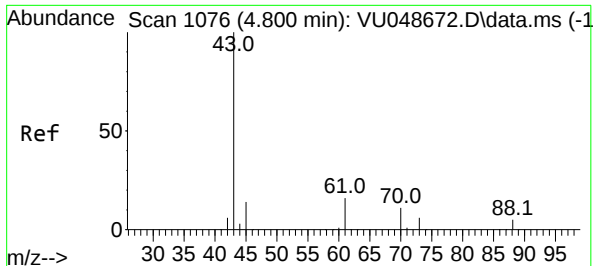
Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.3

77 31.4 24.8 37.2

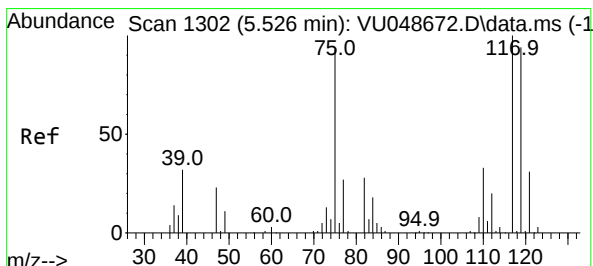
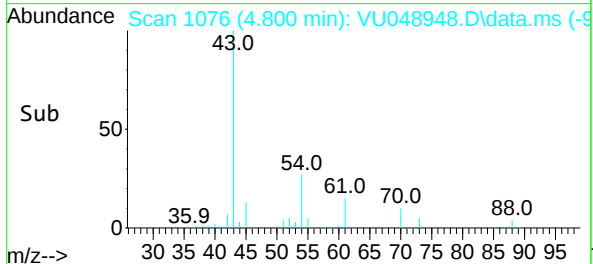
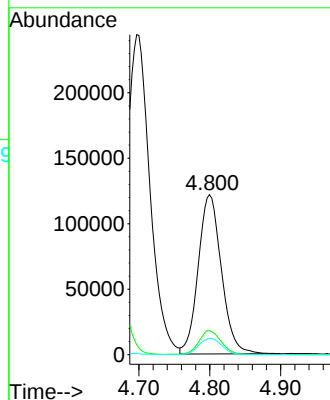
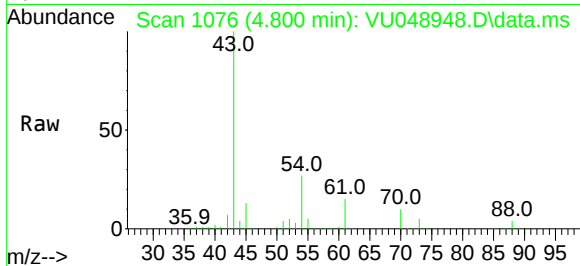




#37
Ethyl Acetate
Concen: 77.876 ug/l
RT: 4.800 min Scan# 110
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

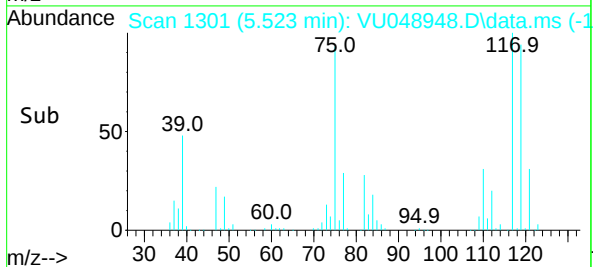
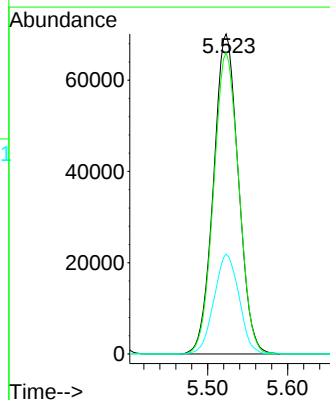
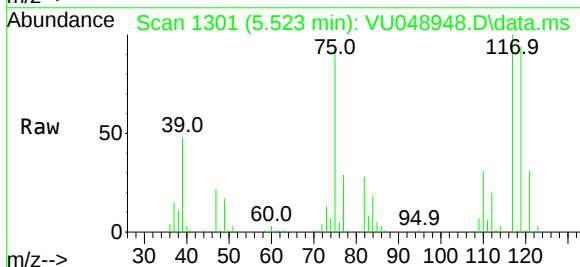
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

Tgt Ion: 43 Resp: 276505
Ion Ratio Lower Upper
43 100
61 14.3 11.7 17.5
70 10.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 46.999 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 117 Resp: 151439
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.2
121 31.2 24.6 36.8





#39

Methylcyclohexane

Concen: 46.018 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MS

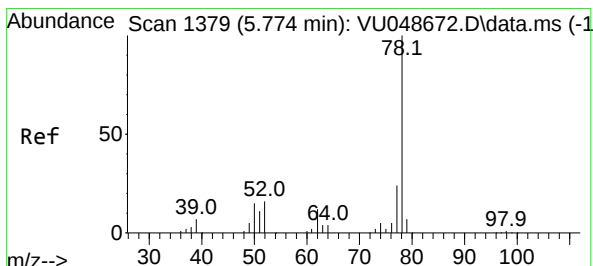
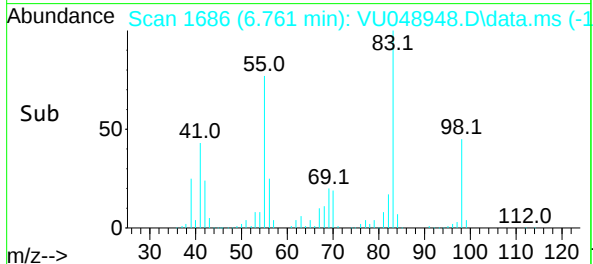
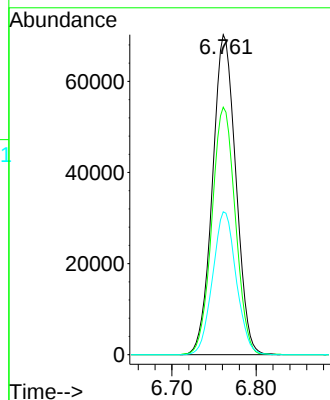
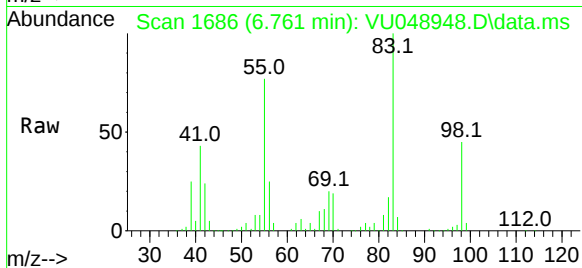
Tgt Ion: 83 Resp: 135518

Ion Ratio Lower Upper

83 100

55 77.4 61.0 91.6

98 44.6 36.8 55.2



#40

Benzene

Concen: 48.790 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048948.D

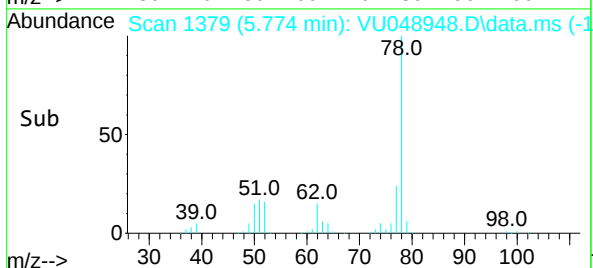
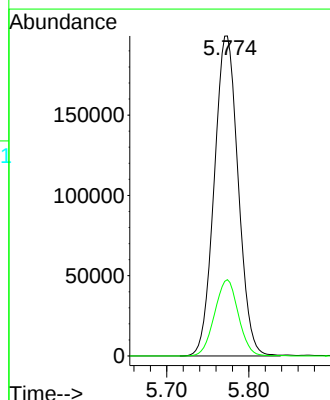
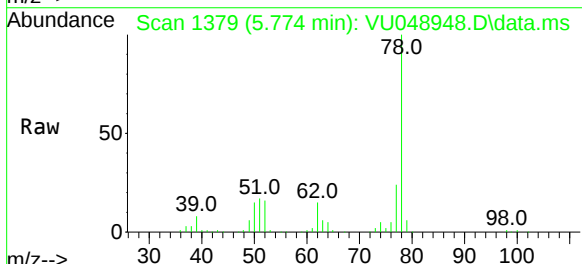
Acq: 08 Jun 2022 06:56

Tgt Ion: 78 Resp: 404554

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6



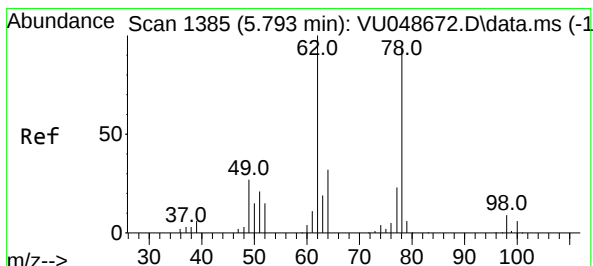
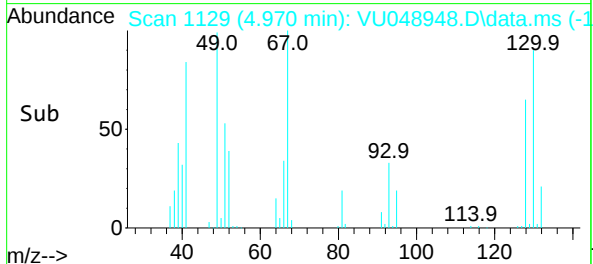
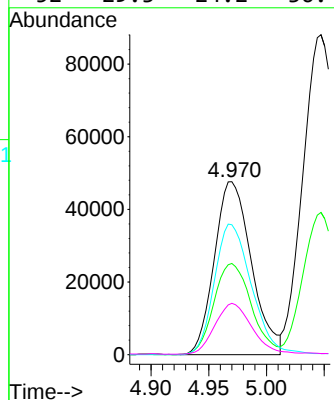
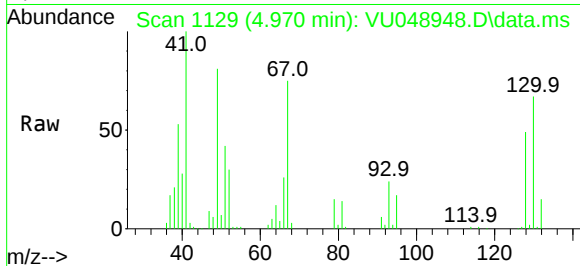


#41
Methacrylonitrile
Concen: 59.321 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

Tgt Ion: 41 Resp: 106435

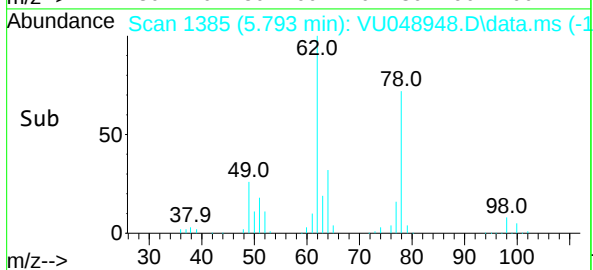
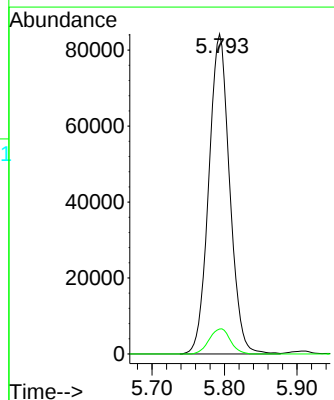
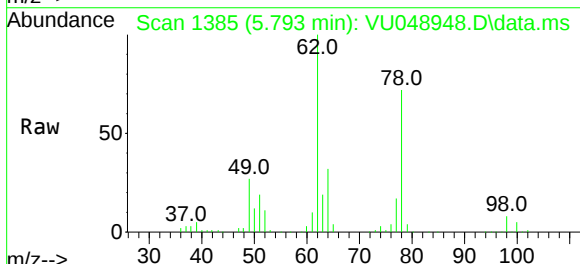
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.6	64.0
67	76.0	61.0	91.4
52	29.3	24.2	36.4

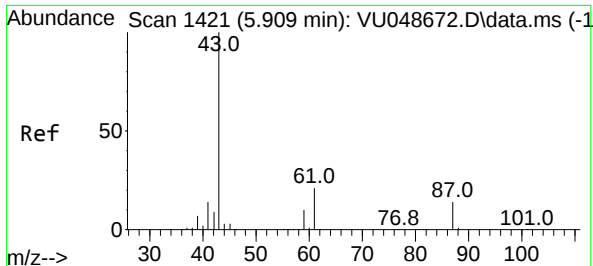


#42
1,2-Dichloroethane
Concen: 51.843 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 62 Resp: 168276

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.0

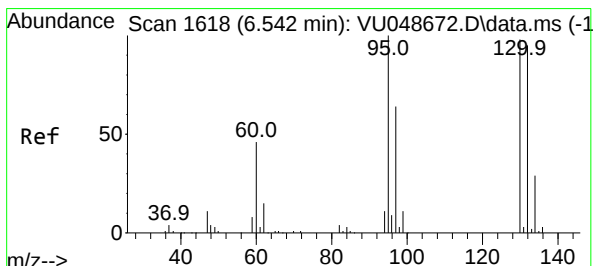
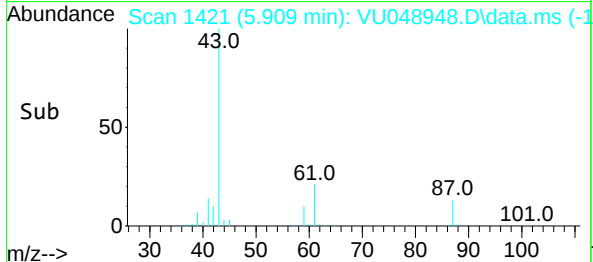
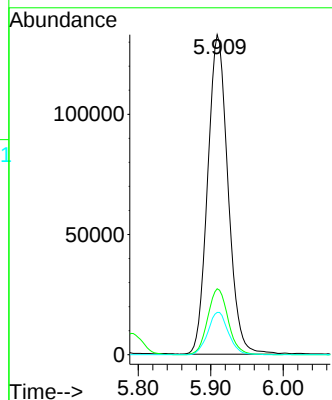
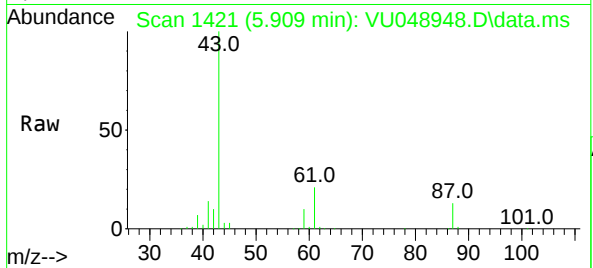




#43
Isopropyl Acetate
Concen: 50.237 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

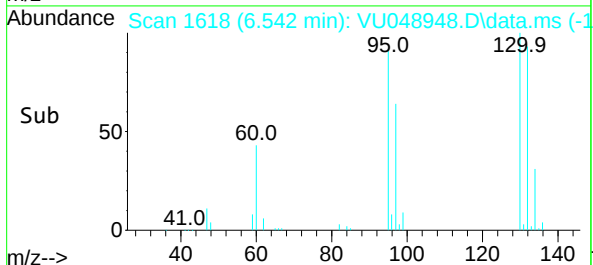
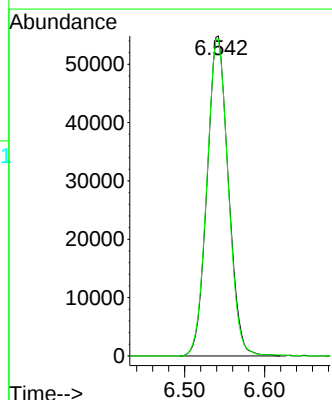
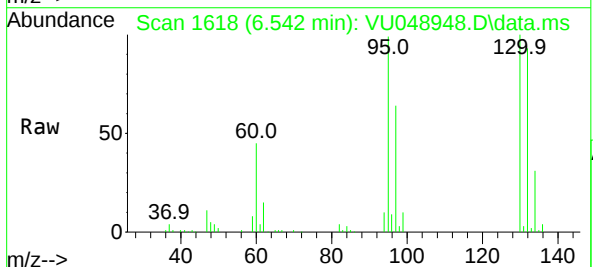
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

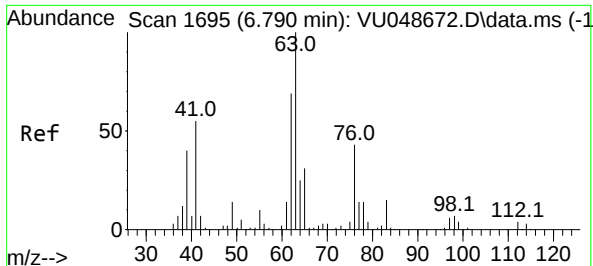
Tgt Ion: 43 Resp: 258889
Ion Ratio Lower Upper
43 100
61 20.7 16.7 25.1
87 13.4 10.9 16.3



#44
Trichloroethene
Concen: 47.522 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion:130 Resp: 101518
Ion Ratio Lower Upper
130 100
95 98.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 57.583 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

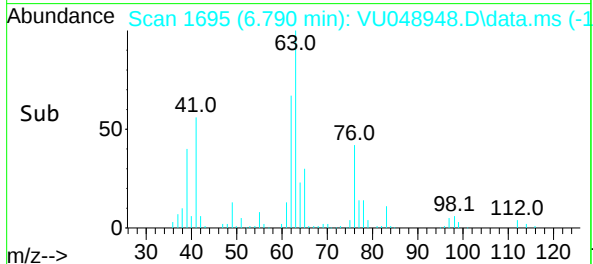
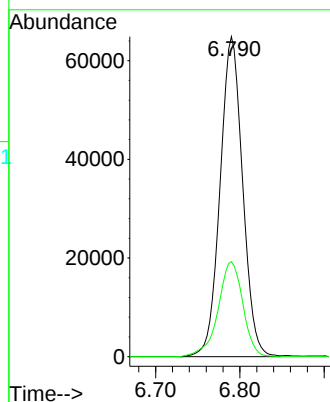
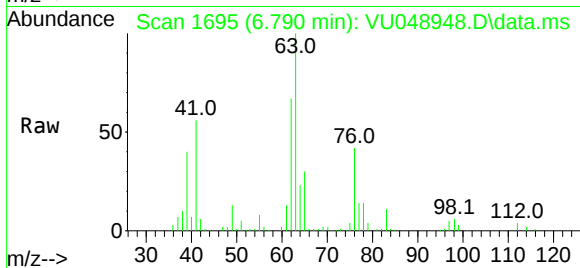
11BR-20220601MS

Tgt Ion: 63 Resp: 120204

Ion Ratio Lower Upper

63 100

65 29.7 24.8 37.2



#46

Dibromomethane

Concen: 52.261 ug/l

RT: 6.918 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

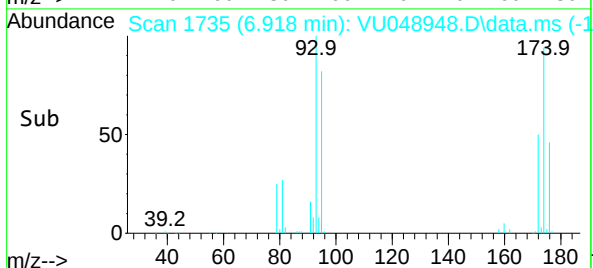
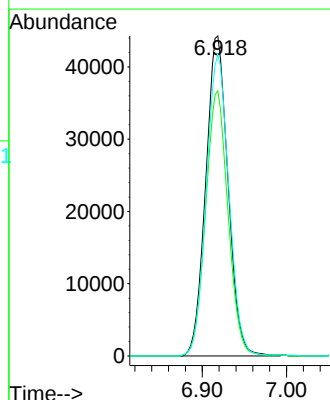
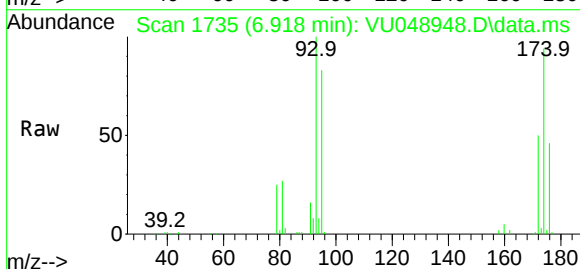
Tgt Ion: 93 Resp: 81506

Ion Ratio Lower Upper

93 100

95 83.1 65.1 97.7

174 95.3 77.8 116.6

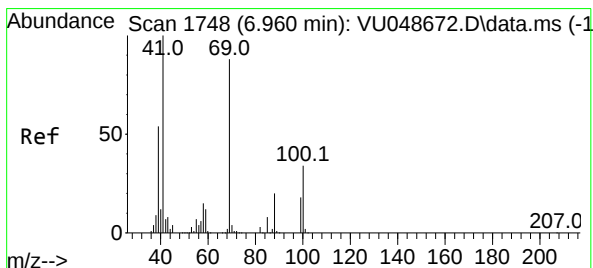
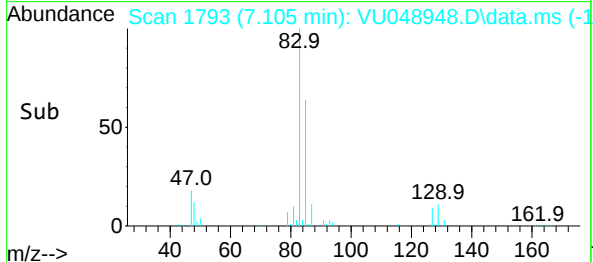
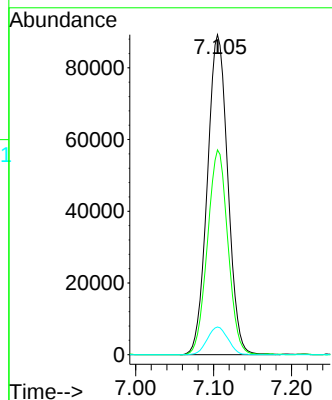
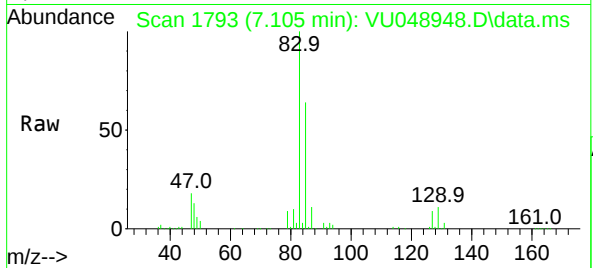




#47
Bromodichloromethane
Concen: 51.641 ug/l
RT: 7.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

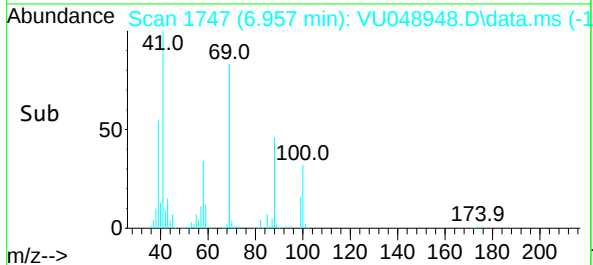
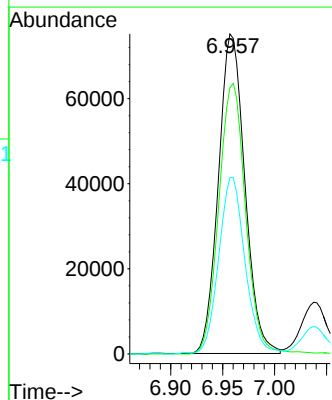
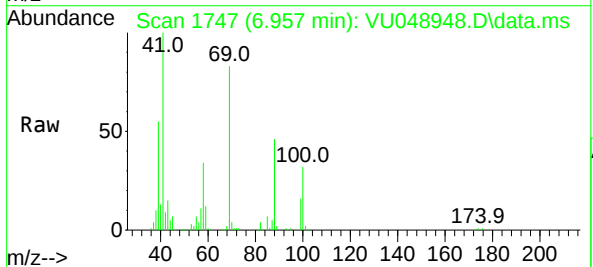
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

Tgt Ion: 83 Resp: 162870
Ion Ratio Lower Upper
83 100
85 64.0 52.1 78.1
127 8.7 6.9 10.3



#48
Methyl methacrylate
Concen: 57.475 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 41 Resp: 132965
Ion Ratio Lower Upper
41 100
69 85.8 70.7 106.1
39 54.0 43.4 65.2





#49

1,4-Dioxane

Concen: 1512.393 ug/l

RT: 6.963 min Scan# 11

Delta R.T. -0.010 min

Lab File: VU048948.D

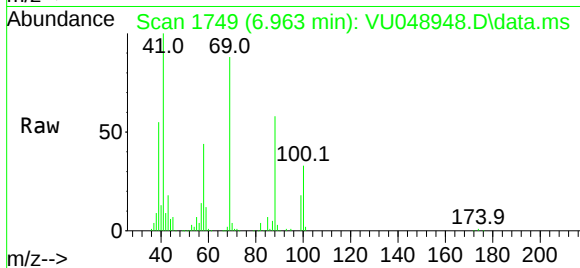
Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MS



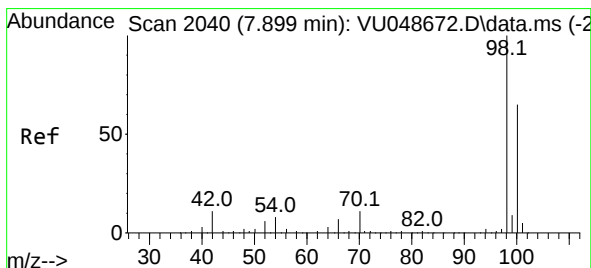
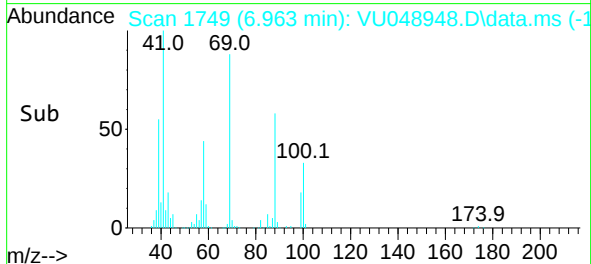
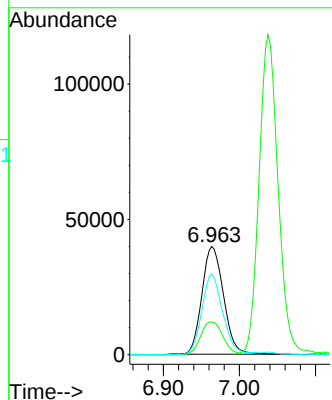
Tgt Ion: 88 Resp: 78215

Ion Ratio Lower Upper

88 100

43 31.5 24.6 36.8

58 72.8 54.7 82.1



#50

Toluene-d8

Concen: 51.247 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048948.D

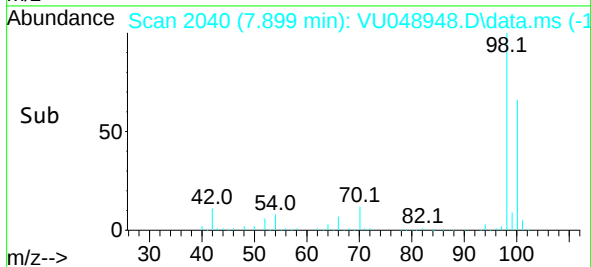
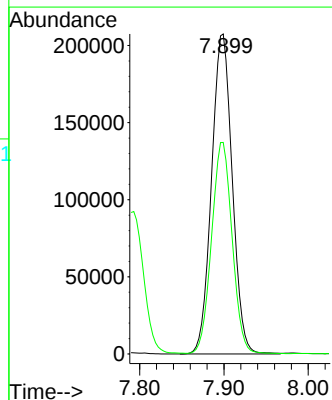
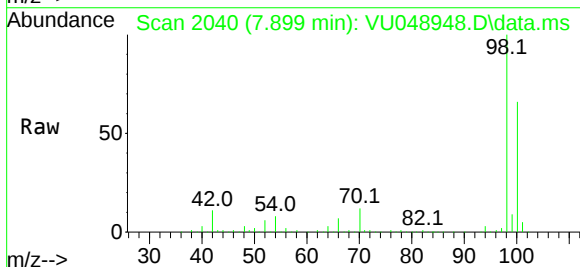
Acq: 08 Jun 2022 06:56

Tgt Ion: 98 Resp: 353512

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4

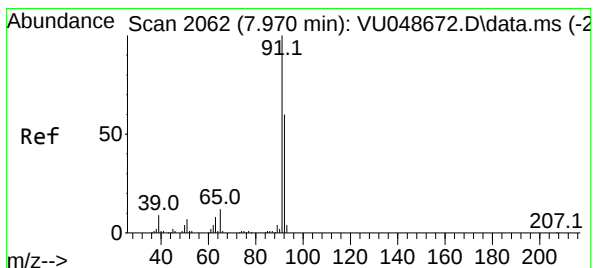
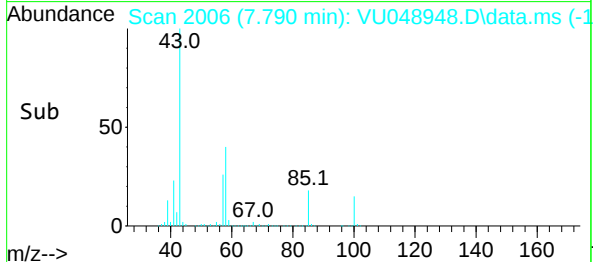
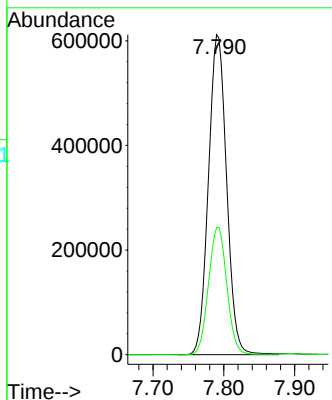
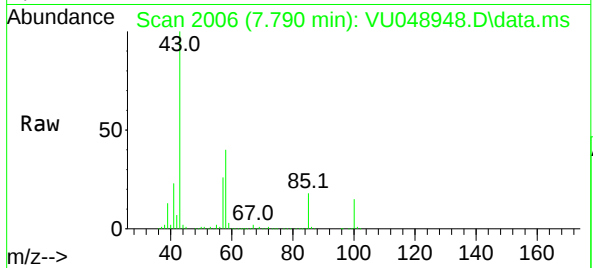




#51
4-Methyl-2-Pentanone
Concen: 325.276 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

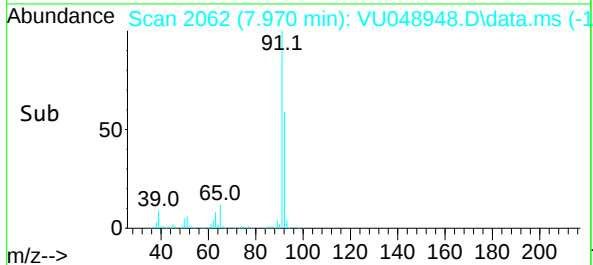
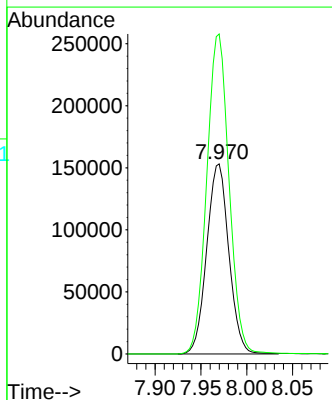
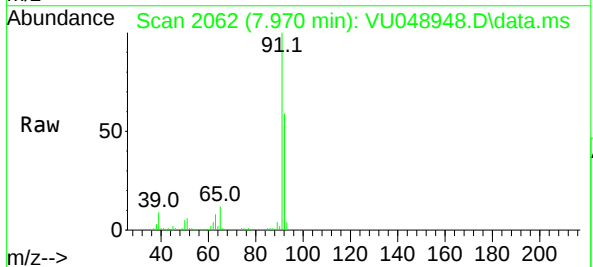
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

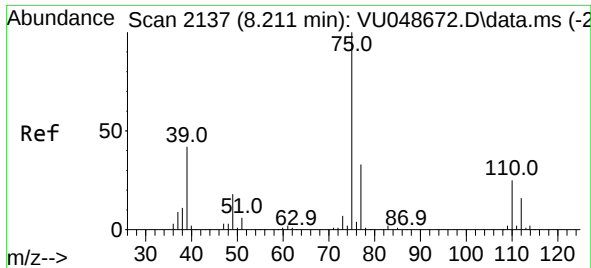
Tgt Ion: 43 Resp: 1088440
Ion Ratio Lower Upper
43 100
58 40.2 32.7 49.1



#52
Toluene
Concen: 51.729 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 92 Resp: 256560
Ion Ratio Lower Upper
92 100
91 169.7 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 46.998 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

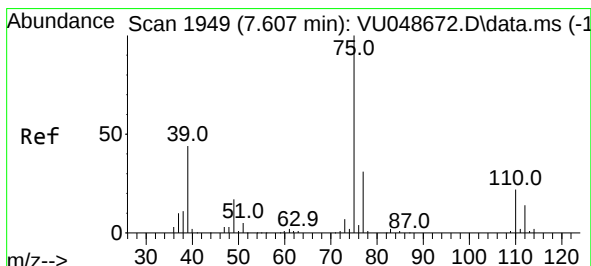
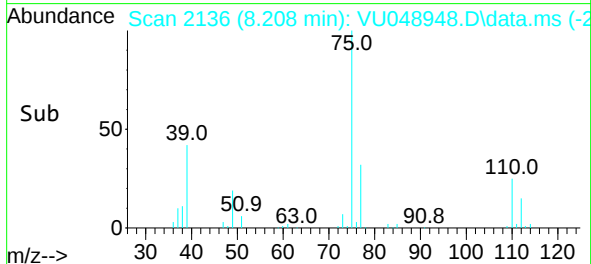
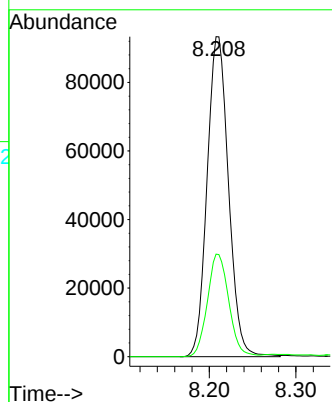
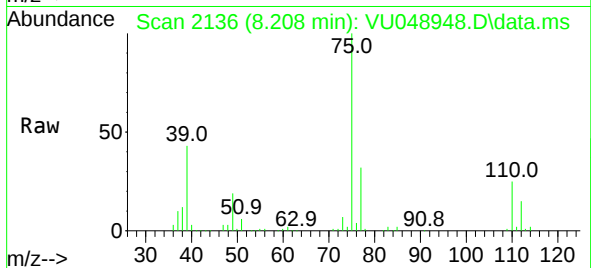
11BR-20220601MS

Tgt Ion: 75 Resp: 159896

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 46.048 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

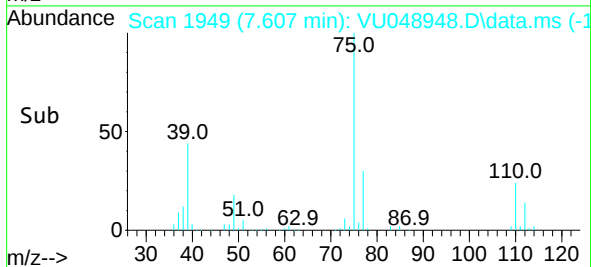
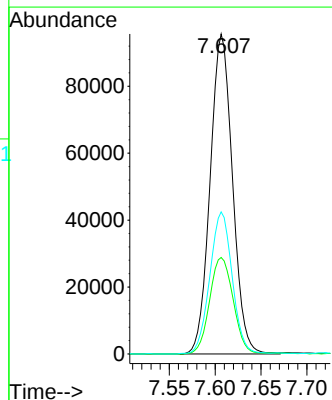
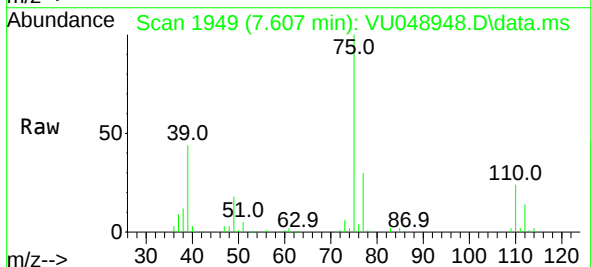
Tgt Ion: 75 Resp: 162342

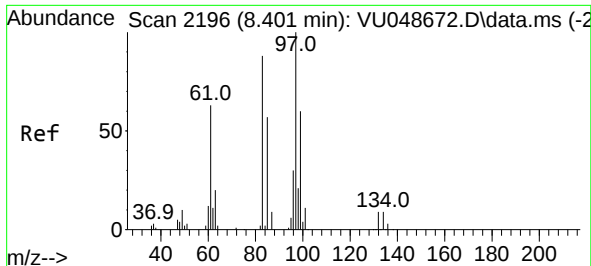
Ion Ratio Lower Upper

75 100

77 30.2 24.9 37.3

39 44.3 35.2 52.8

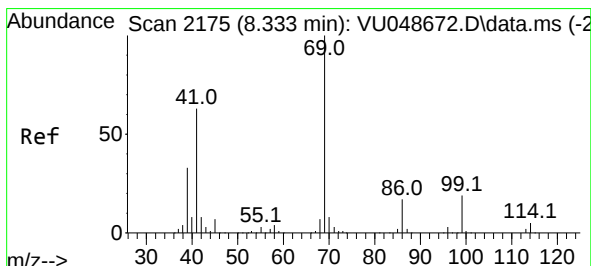
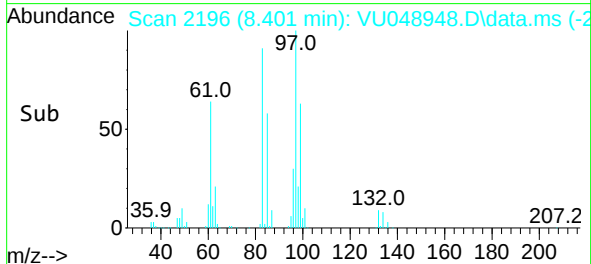
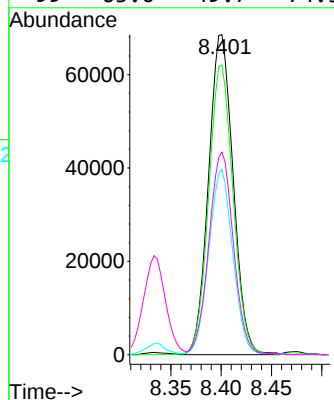
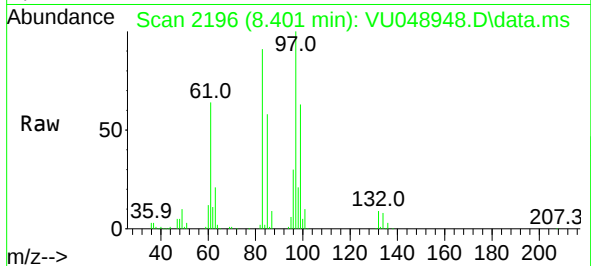




#55
1,1,2-Trichloroethane
Concen: 53.393 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

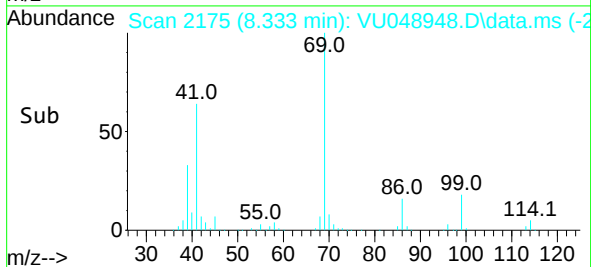
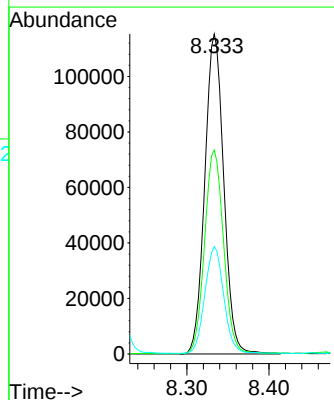
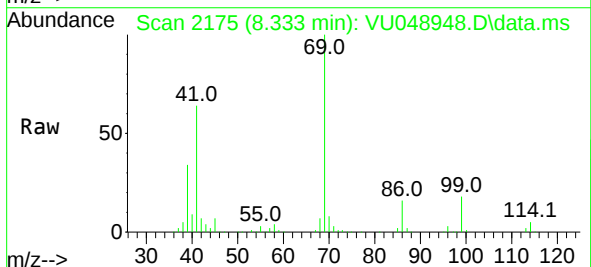
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

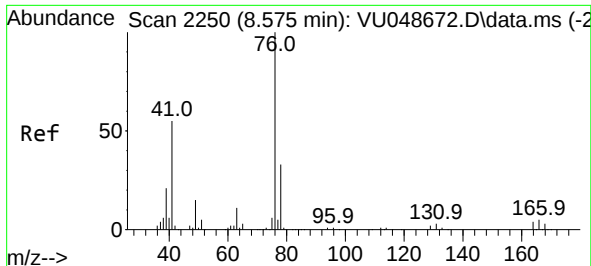
Tgt Ion:	97	Resp:	116872
Ion	Ratio	Lower	Upper
97	100		
83	90.3	70.2	105.4
85	57.8	45.6	68.4
99	63.0	49.7	74.5



#56
Ethyl methacrylate
Concen: 53.295 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion:	69	Resp:	184973
Ion	Ratio	Lower	Upper
69	100		
41	63.6	50.6	76.0
39	32.9	26.6	40.0





#57

1,3-Dichloropropane

Concen: 51.725 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

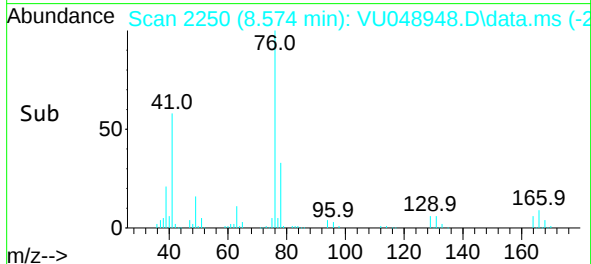
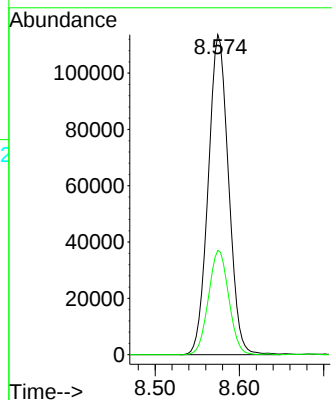
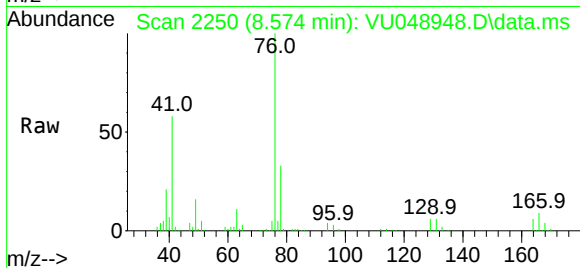
11BR-20220601MS

Tgt Ion: 76 Resp: 190561

Ion Ratio Lower Upper

76 100

78 32.5 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 29.893 ug/l

RT: 7.449 min Scan# 1900

Delta R.T. -0.013 min

Lab File: VU048948.D

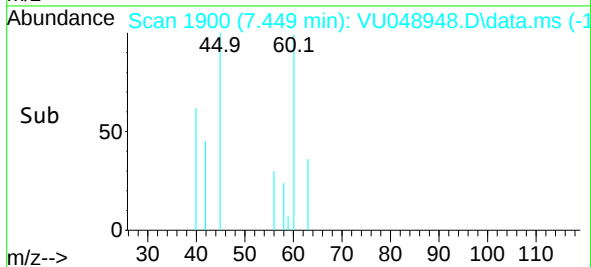
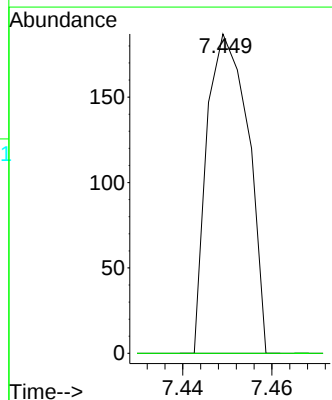
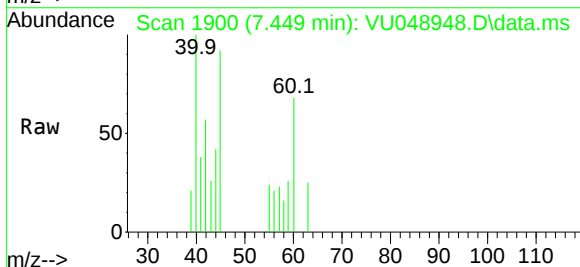
Acq: 08 Jun 2022 06:56

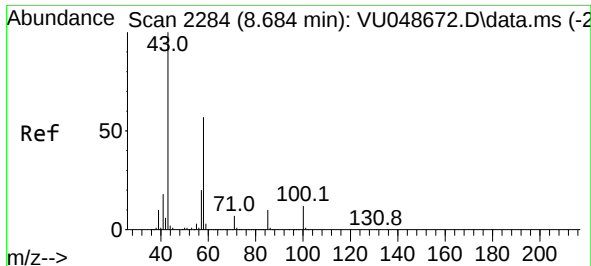
Tgt Ion: 63 Resp: 120

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#

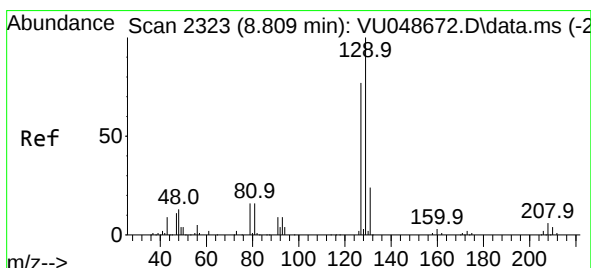
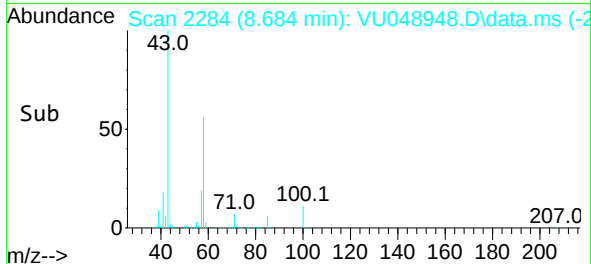
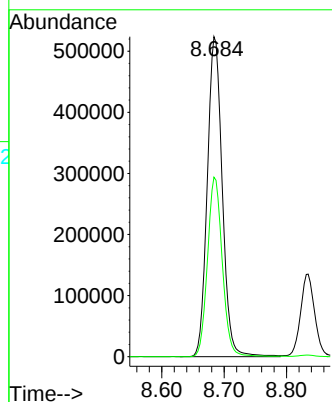
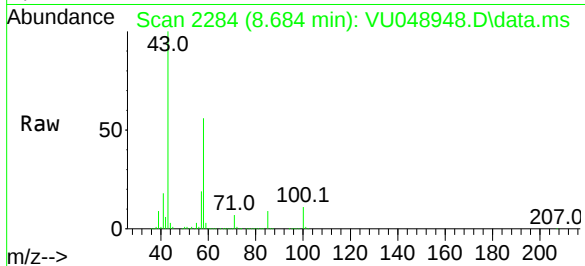




#59
2-Hexanone
Concen: 318.643 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

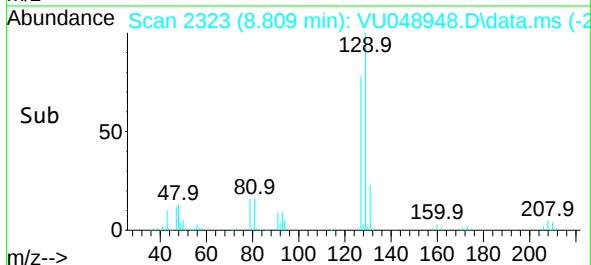
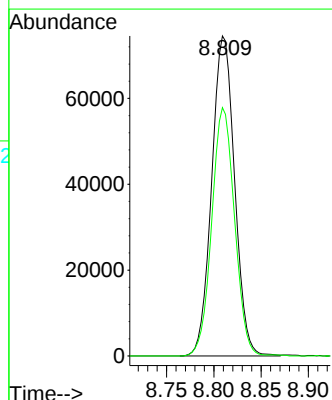
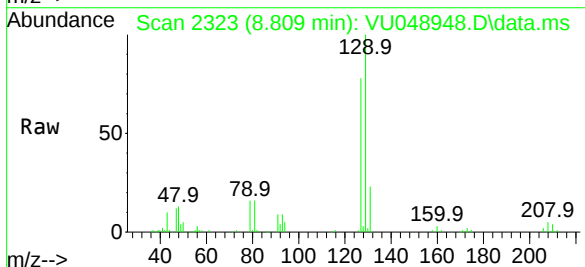
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

Tgt Ion: 43 Resp: 875356
Ion Ratio Lower Upper
43 100
58 55.2 28.2 84.6



#60
Dibromochloromethane
Concen: 51.228 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 129 Resp: 125696
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3

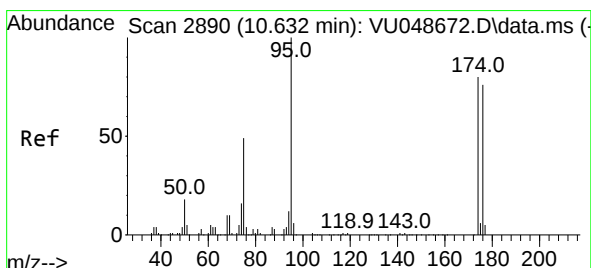
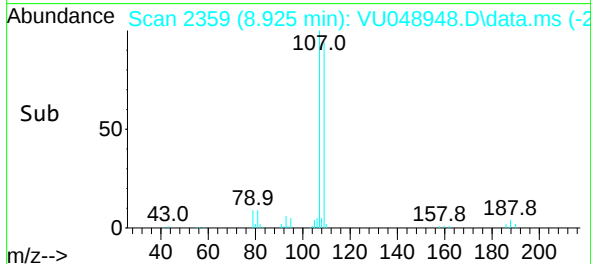
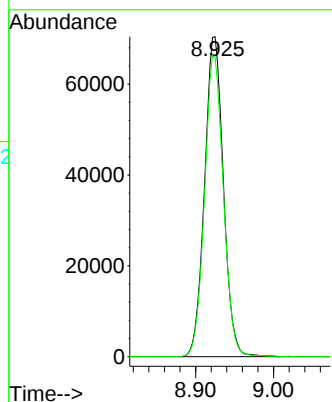
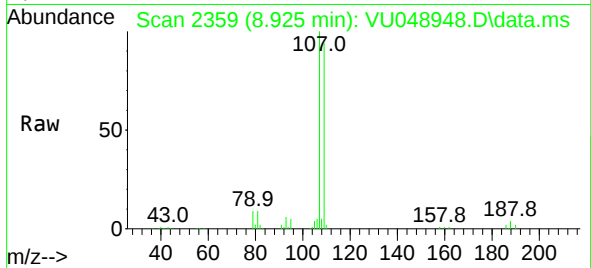




#61
1,2-Dibromoethane
Concen: 49.091 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

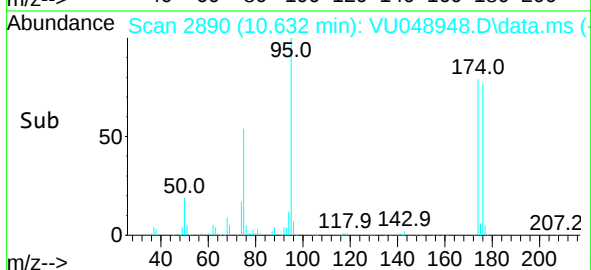
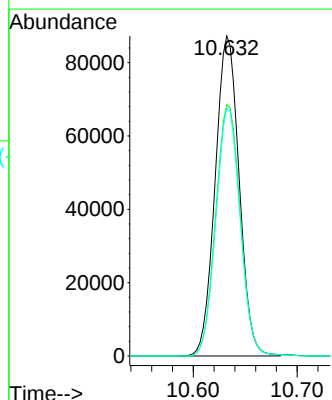
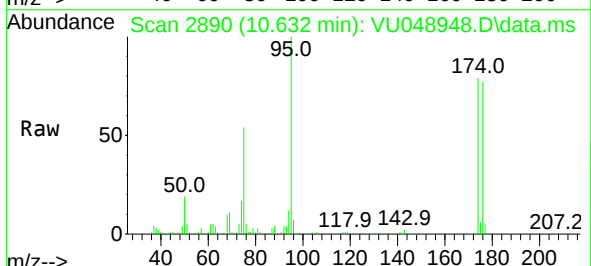
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

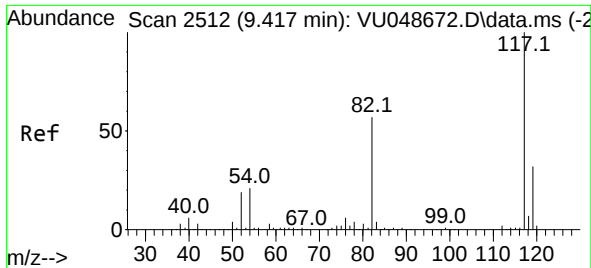
Tgt Ion:107 Resp: 118340
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 53.588 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 95 Resp: 139804
Ion Ratio Lower Upper
95 100
174 81.1 0.0 159.4
176 78.6 0.0 152.4

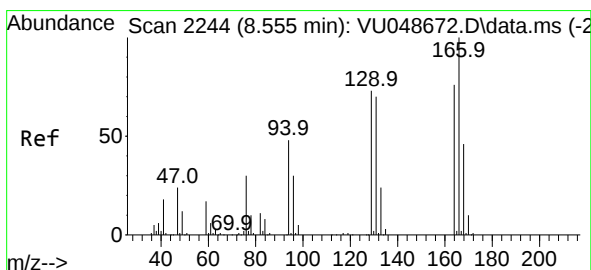
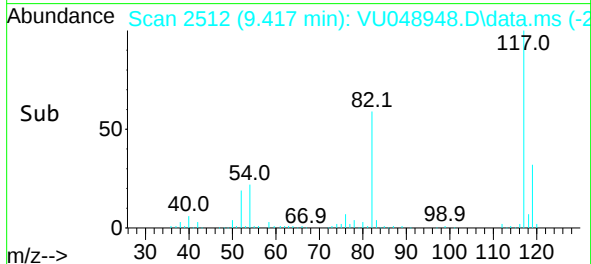
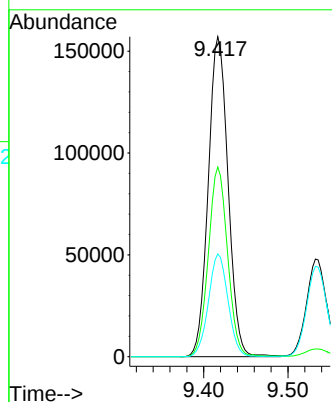
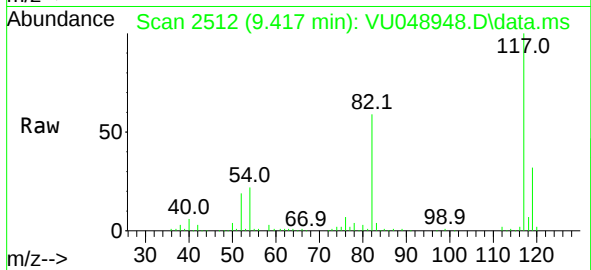




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

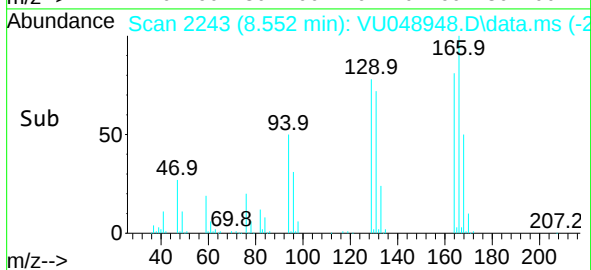
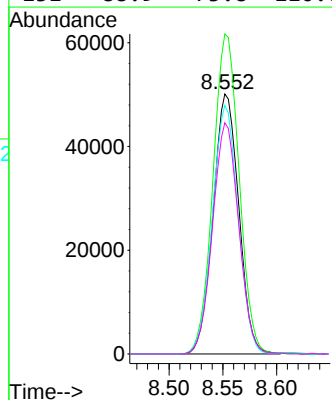
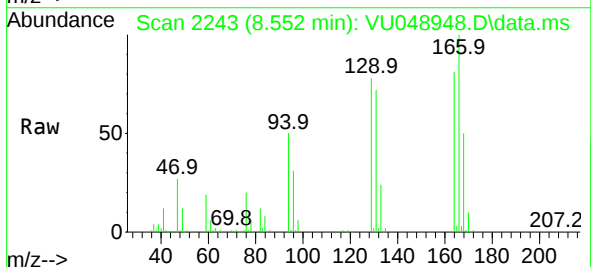
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

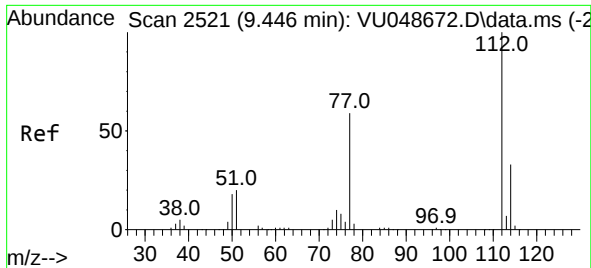
Tgt Ion:117 Resp: 256547
Ion Ratio Lower Upper
117 100
82 59.2 45.3 67.9
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 46.659 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion:164 Resp: 83254
Ion Ratio Lower Upper
164 100
166 123.0 105.0 157.4
129 95.5 76.5 114.7
131 88.9 73.8 110.6

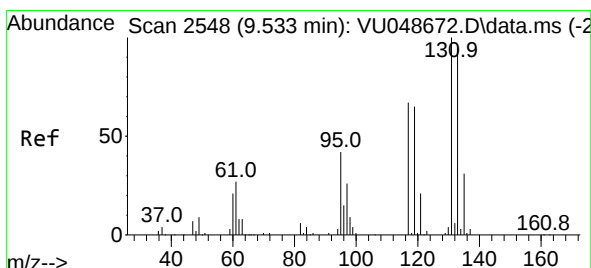
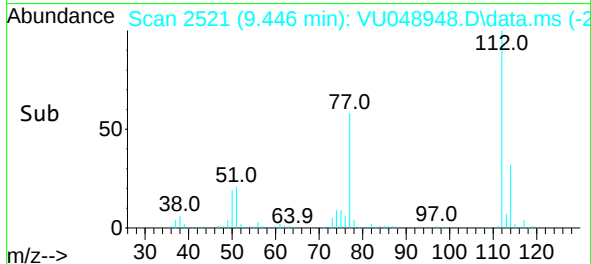
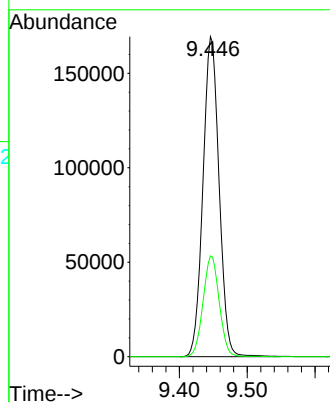
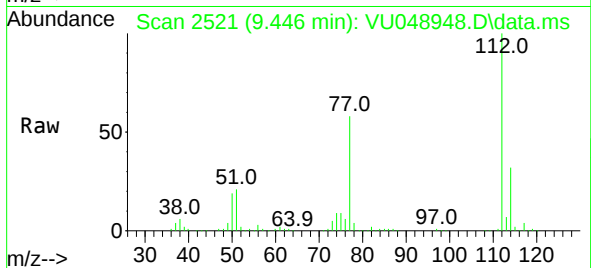




#65
Chlorobenzene
Concen: 51.553 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

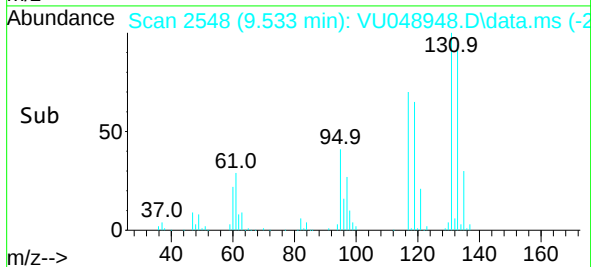
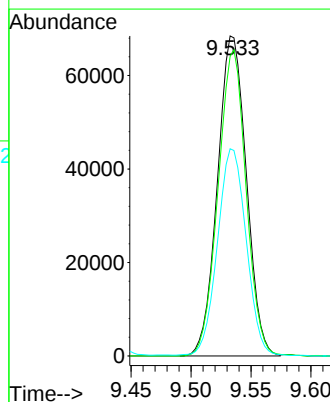
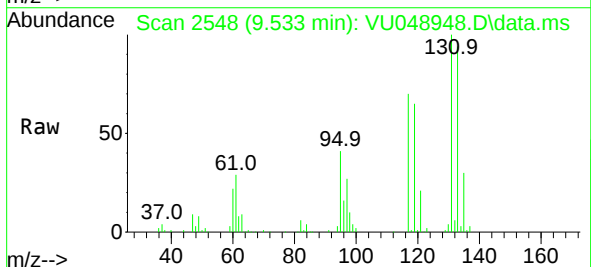
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

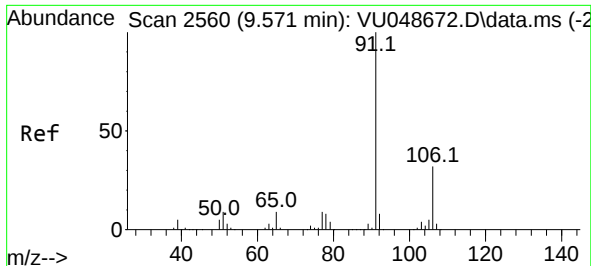
Tgt Ion:112 Resp: 279728
Ion Ratio Lower Upper
112 100
114 31.5 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.621 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion:131 Resp: 114555
Ion Ratio Lower Upper
131 100
133 92.9 48.5 145.5
119 64.1 32.7 98.1





#67

Ethyl Benzene

Concen: 51.677 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

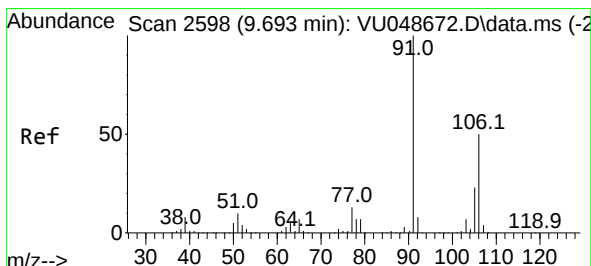
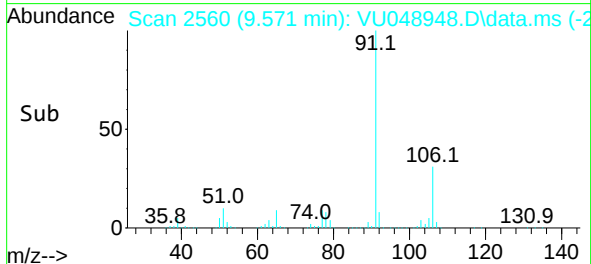
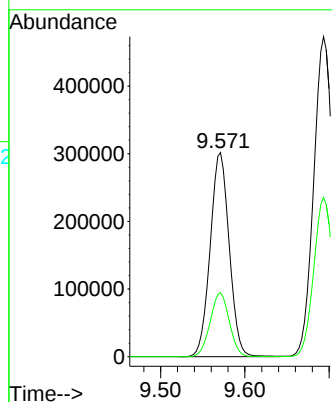
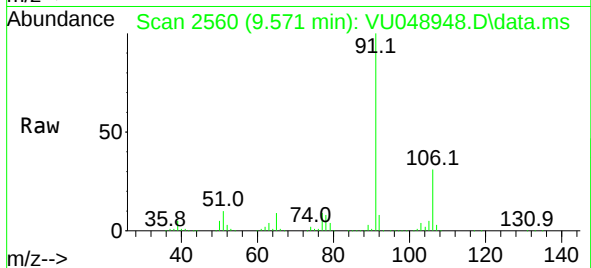
11BR-20220601MS

Tgt Ion: 91 Resp: 472922

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.2



#68

m/p-Xylenes

Concen: 106.208 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048948.D

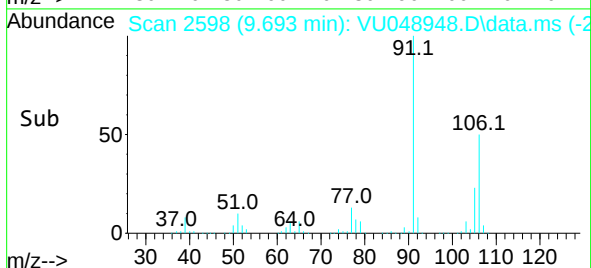
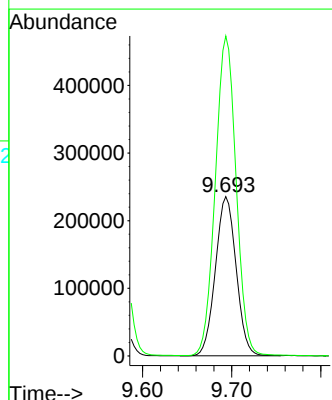
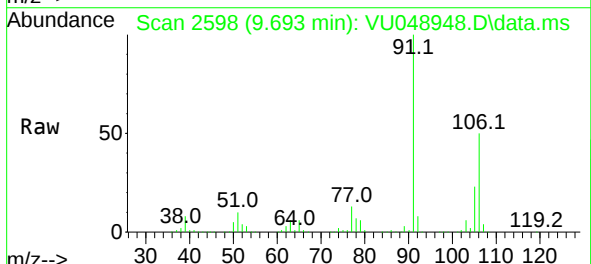
Acq: 08 Jun 2022 06:56

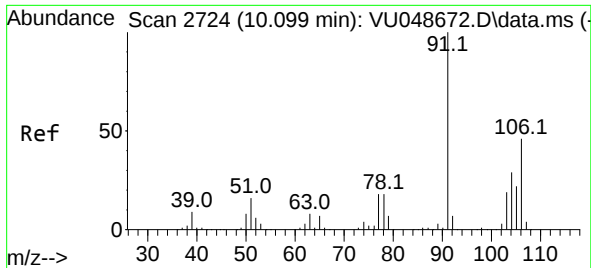
Tgt Ion: 106 Resp: 380143

Ion Ratio Lower Upper

106 100

91 201.7 162.4 243.6

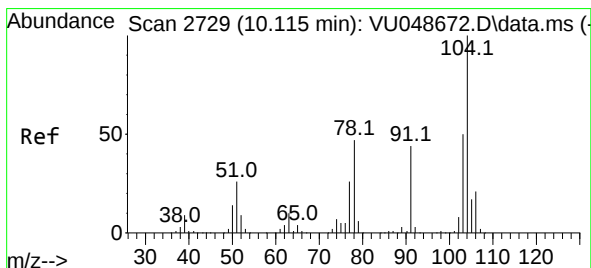
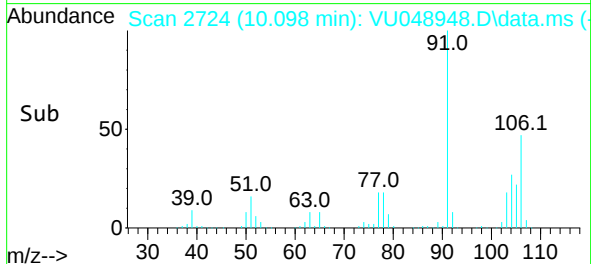
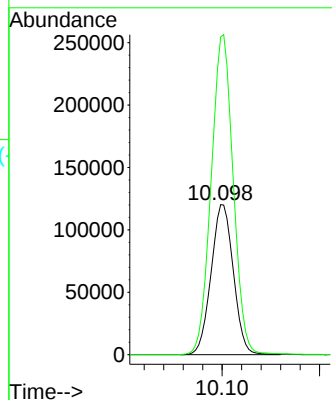
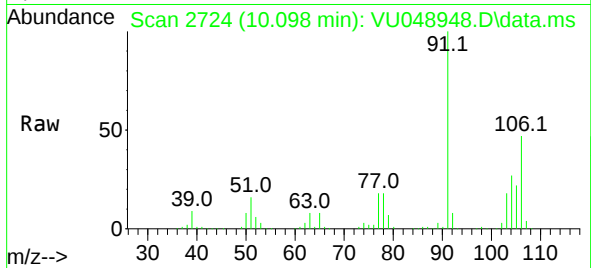




#69
o-Xylene
Concen: 54.299 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

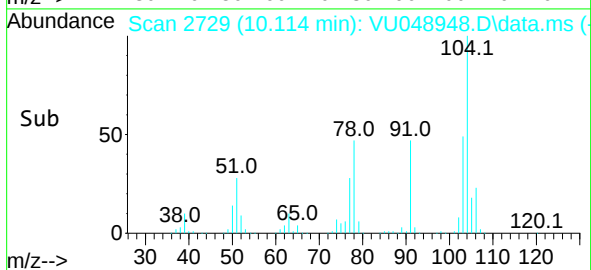
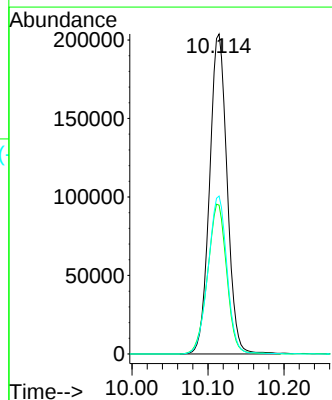
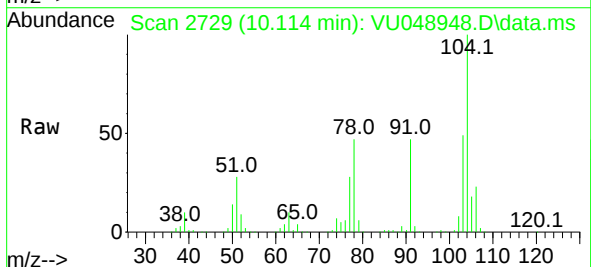
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

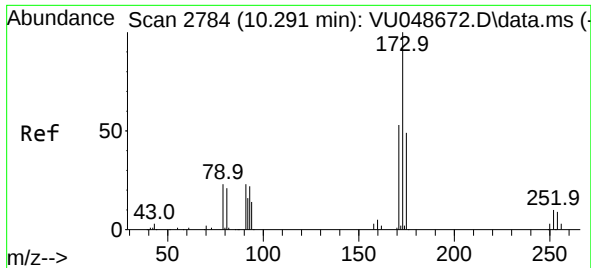
Tgt Ion:106 Resp: 190938
Ion Ratio Lower Upper
106 100
91 211.5 107.7 323.3



#70
Styrene
Concen: 56.547 ug/l
RT: 10.114 min Scan# 2729
Delta R.T. -0.001 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion:104 Resp: 327068
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 53.2 43.4 65.2

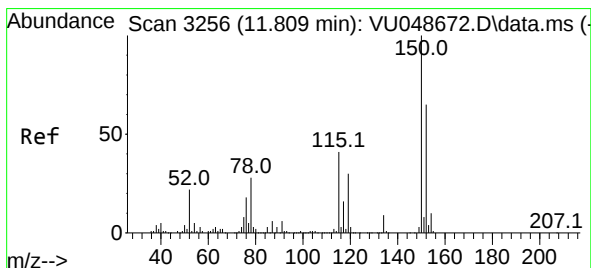
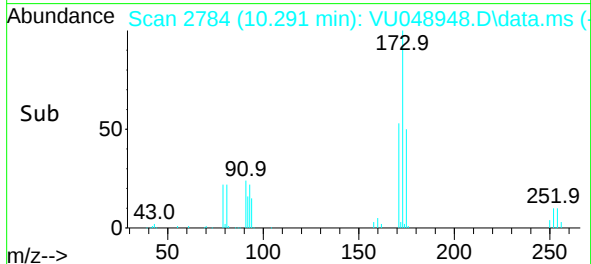
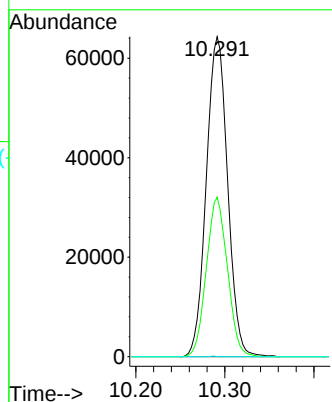
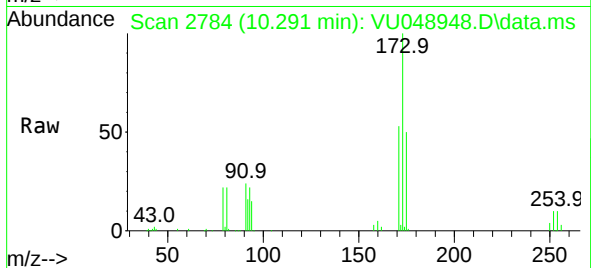




#71
Bromoform
Concen: 56.080 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

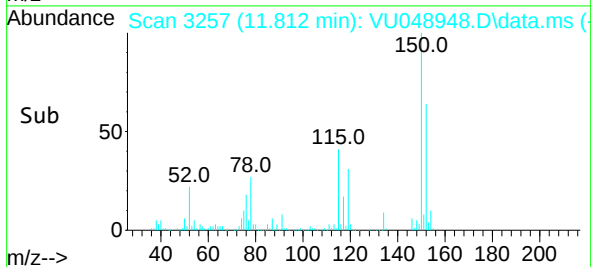
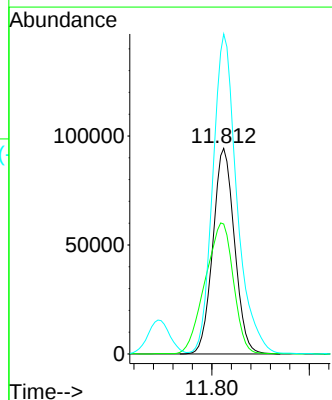
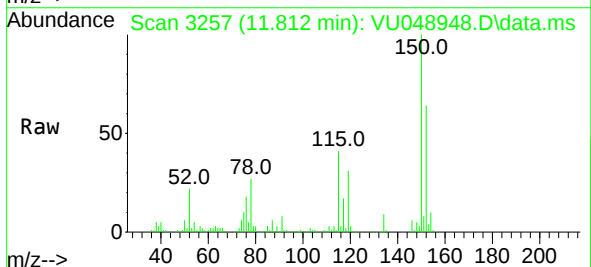
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

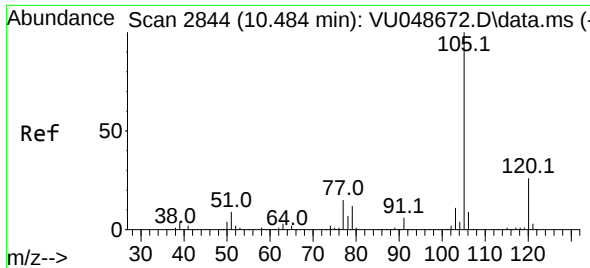
Tgt Ion:173 Resp: 106791
Ion Ratio Lower Upper
173 100
175 49.2 24.5 73.5
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion:152 Resp: 145055
Ion Ratio Lower Upper
152 100
115 82.9 41.8 125.4
150 173.9 0.0 341.0

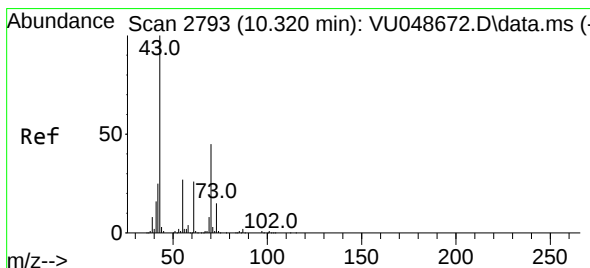
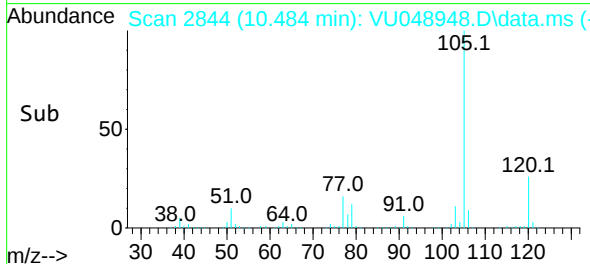
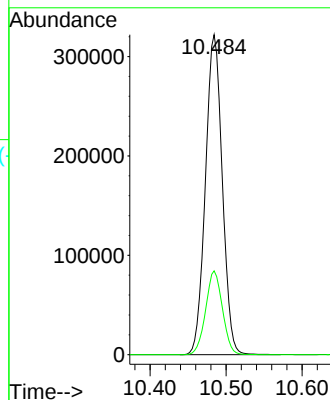
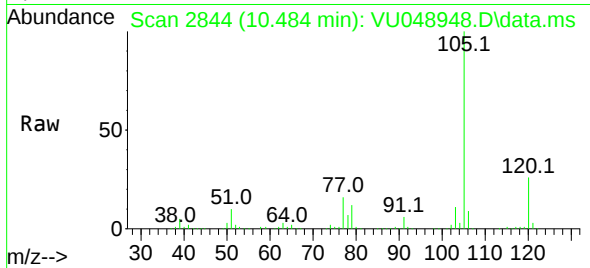




#73
Isopropylbenzene
Concen: 52.915 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

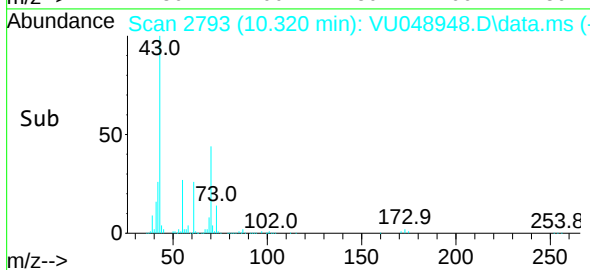
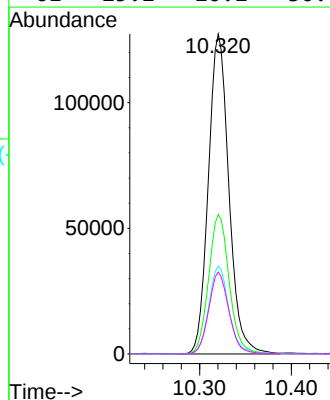
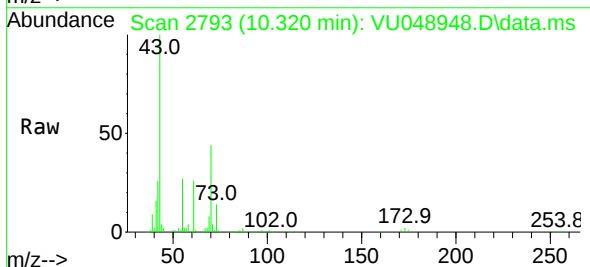
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

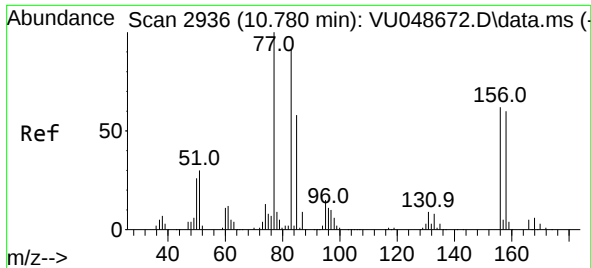
Tgt Ion:105 Resp: 495531
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6



#74
N-ethyl acetate
Concen: 42.128 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 43 Resp: 197793
Ion Ratio Lower Upper
43 100
70 43.9 35.8 53.6
55 26.9 21.1 31.7
61 25.2 20.2 30.4

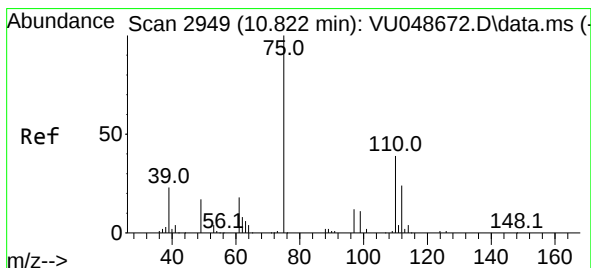
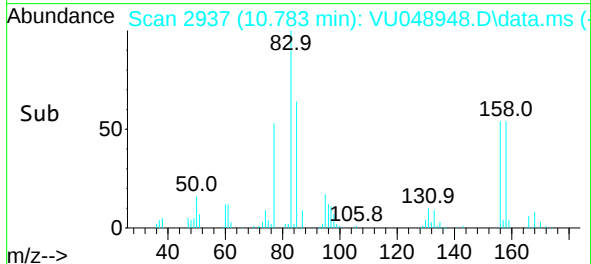
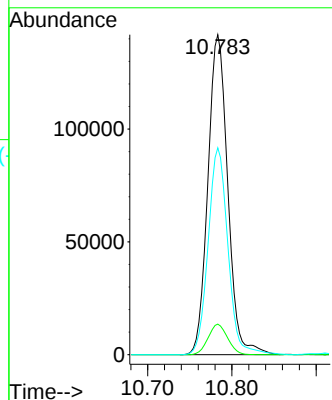
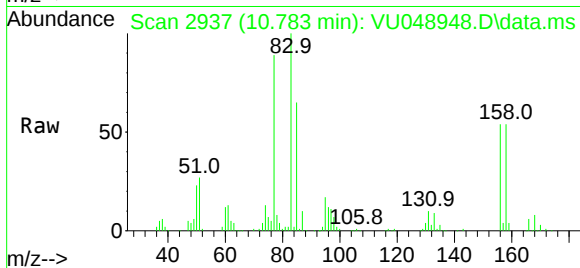




#75
 1,1,2,2-Tetrachloroethane
 Concen: 60.870 ug/l
 RT: 10.783 min Scan# 2936
 Delta R.T. 0.003 min
 Lab File: VU048948.D
 Acq: 08 Jun 2022 06:56

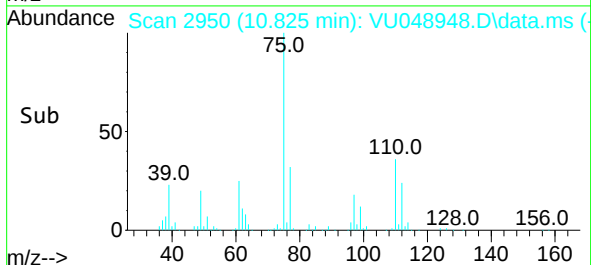
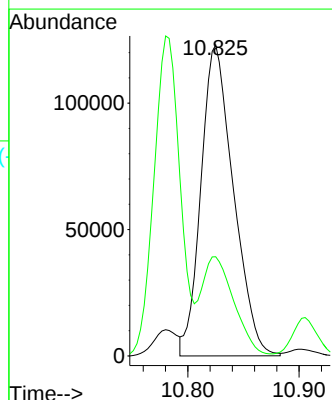
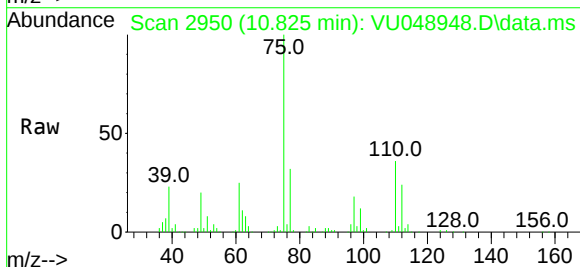
Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MS

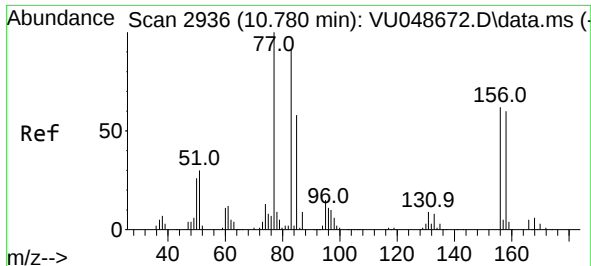
Tgt Ion: 83 Resp: 232619
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.2 15.6
 85 64.4 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 53.247 ug/l
 RT: 10.825 min Scan# 2950
 Delta R.T. 0.003 min
 Lab File: VU048948.D
 Acq: 08 Jun 2022 06:56

Tgt Ion: 75 Resp: 249031
 Ion Ratio Lower Upper
 75 100
 77 30.1 14.8 44.3

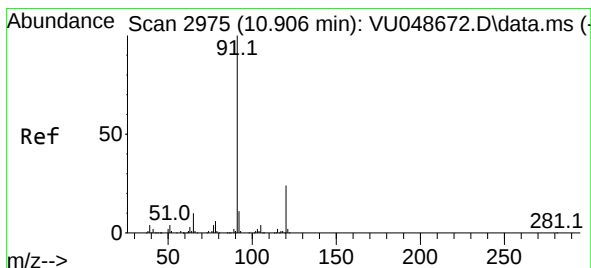
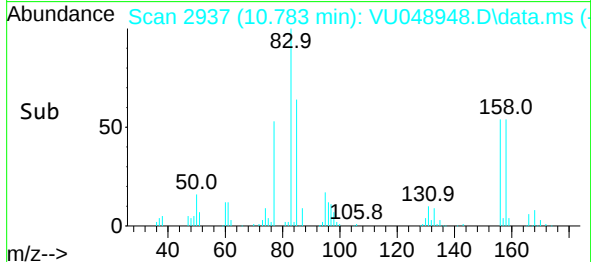
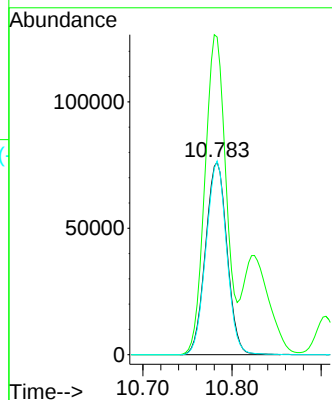
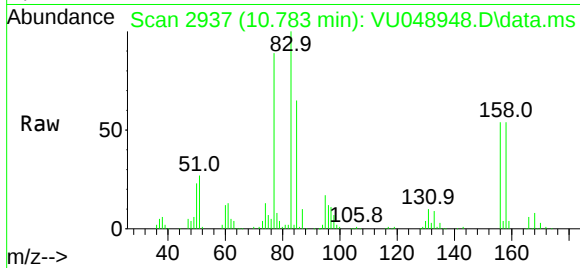




#77
Bromobenzene
Concen: 50.564 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

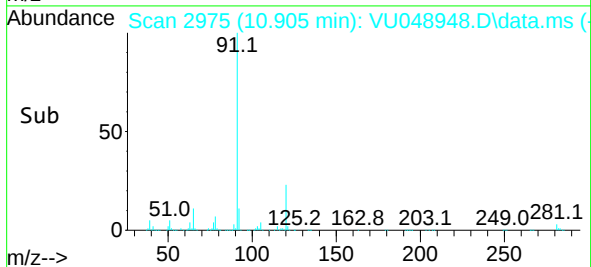
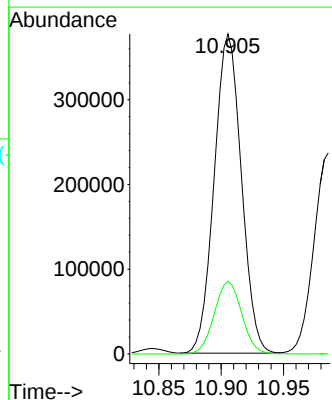
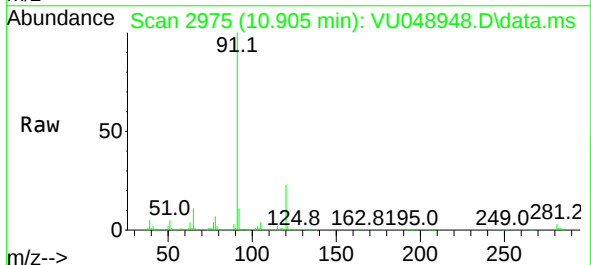
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

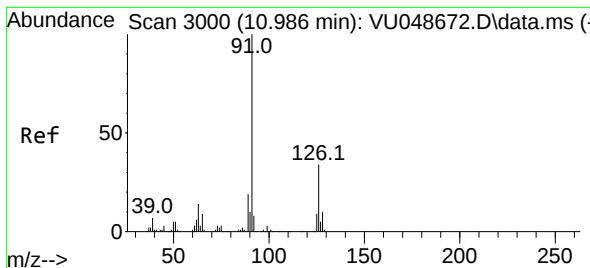
Tgt Ion:156 Resp: 127169
Ion Ratio Lower Upper
156 100
77 163.1 81.1 243.3
158 96.9 48.8 146.4



#78
n-propylbenzene
Concen: 51.093 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 91 Resp: 570141
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7





#79

2-Chlorotoluene

Concen: 52.488 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

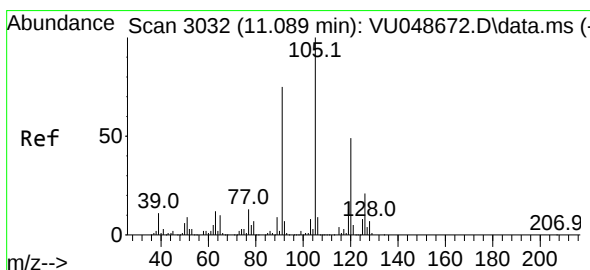
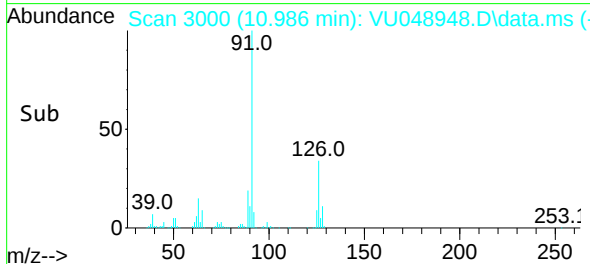
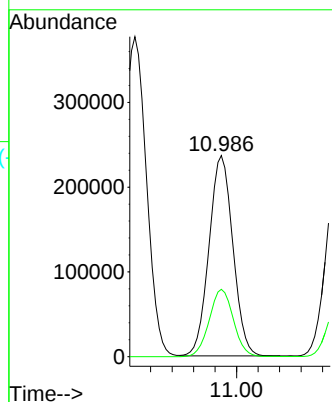
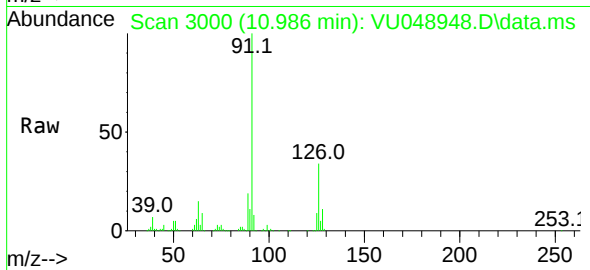
11BR-20220601MS

Tgt Ion: 91 Resp: 364236

Ion Ratio Lower Upper

91 100

126 34.2 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 55.107 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048948.D

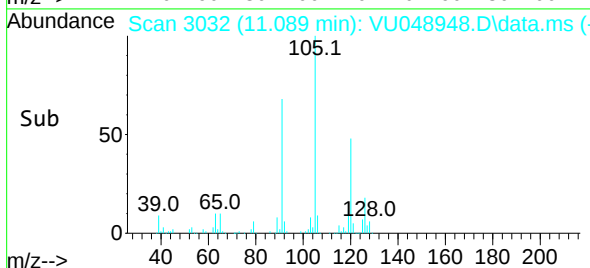
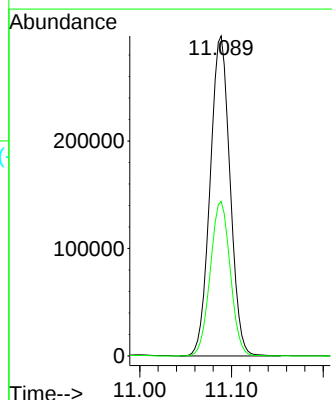
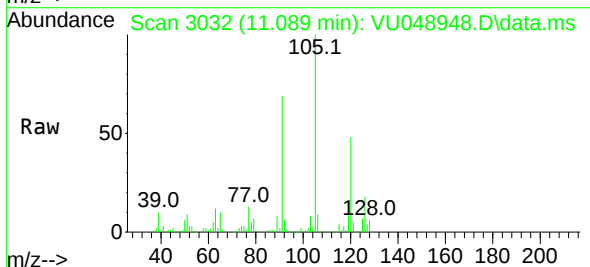
Acq: 08 Jun 2022 06:56

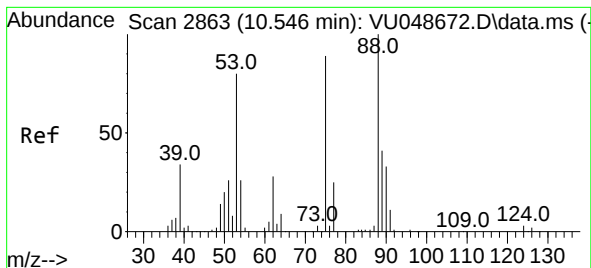
Tgt Ion: 105 Resp: 448777

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3

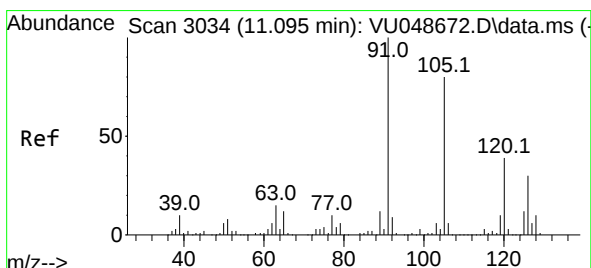
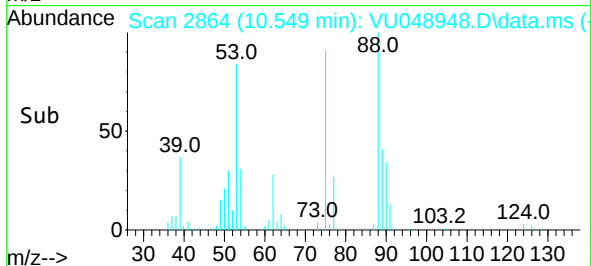
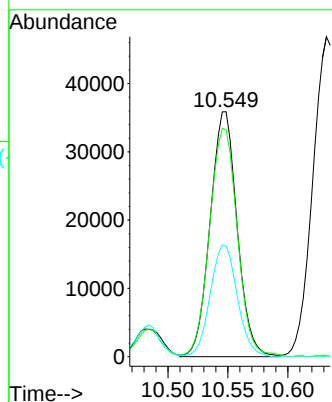
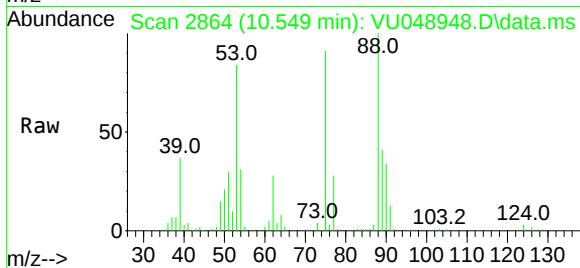




#81
trans-1,4-Dichloro-2-butene
Concen: 43.556 ug/l
RT: 10.549 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

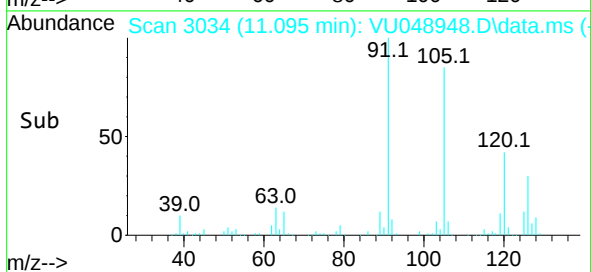
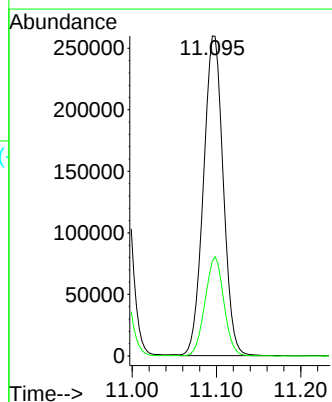
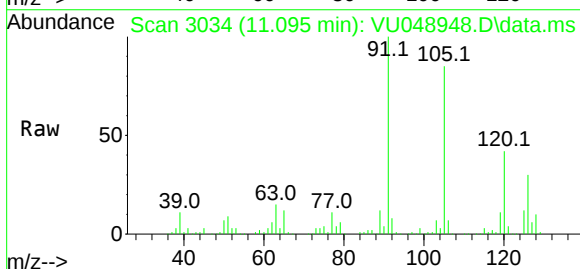
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

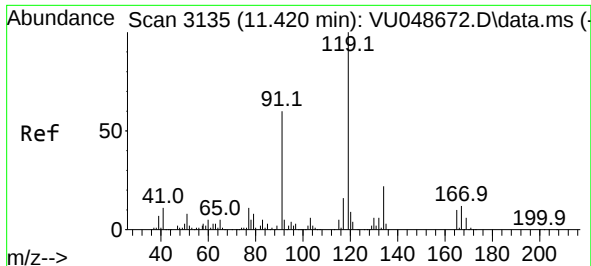
Tgt Ion: 75 Resp: 56104
Ion Ratio Lower Upper
75 100
53 96.3 72.5 108.7
89 45.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.991 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion: 91 Resp: 424275
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.2

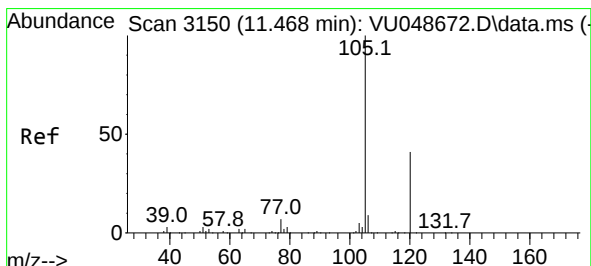
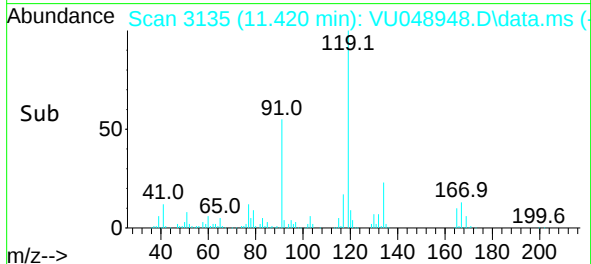
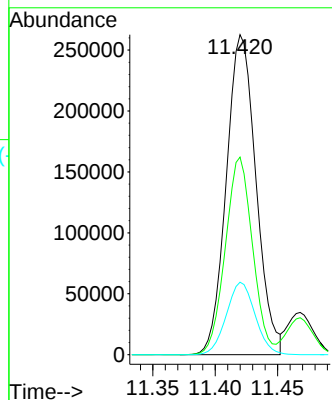
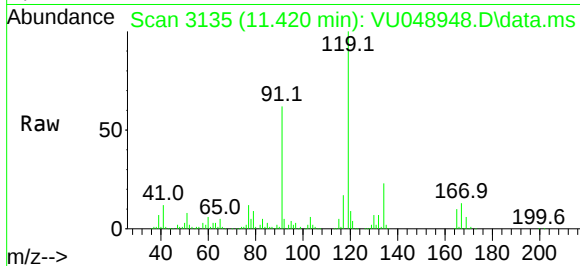




#83
tert-Butylbenzene
Concen: 55.795 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

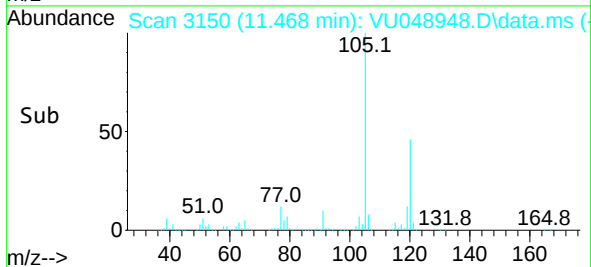
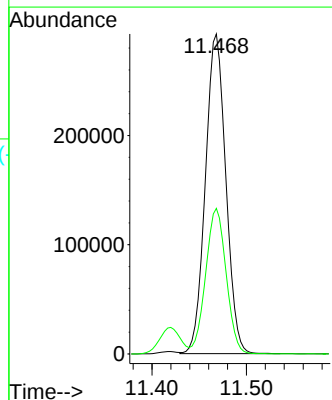
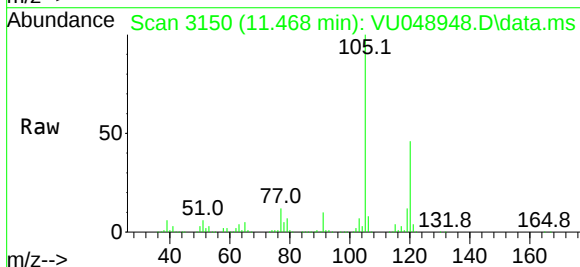
Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

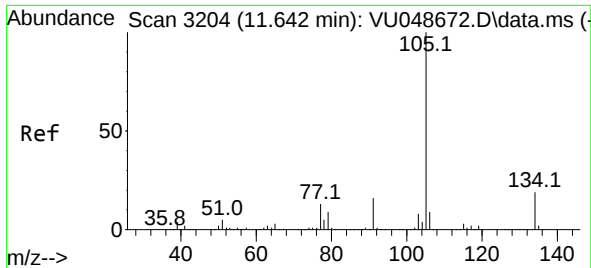
Tgt Ion:119 Resp: 436099
Ion Ratio Lower Upper
119 100
91 56.9 28.7 86.1
134 22.0 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 50.079 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion:105 Resp: 439549
Ion Ratio Lower Upper
105 100
120 45.7 22.5 67.5

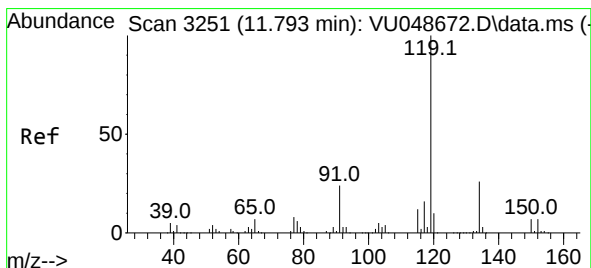
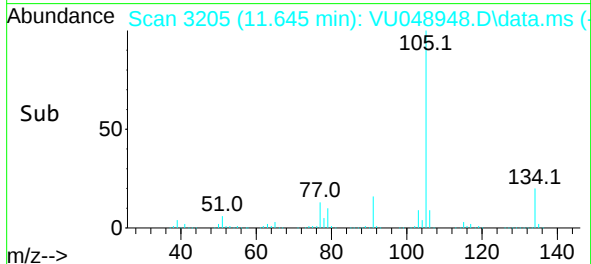
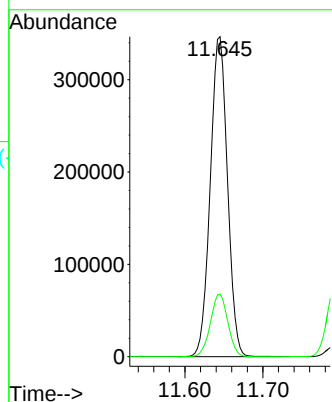
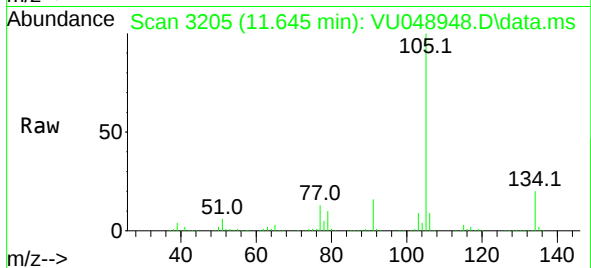




#85
 sec-Butylbenzene
 Concen: 54.269 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048948.D
 Acq: 08 Jun 2022 06:56

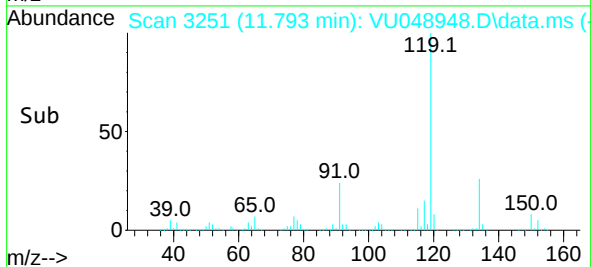
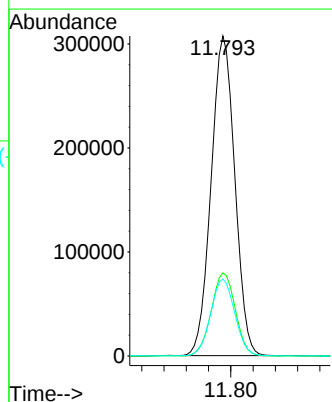
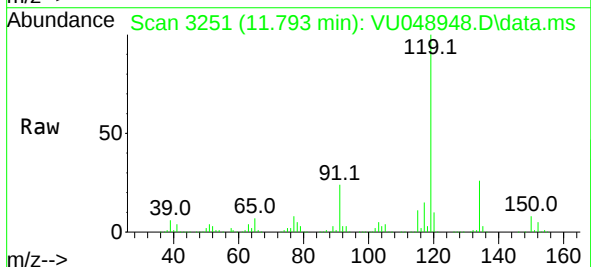
Instrument :
 MSVOA_U
 ClientSampleId :
 11BR-20220601MS

Tgt Ion:105 Resp: 530657
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 54.002 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048948.D
 Acq: 08 Jun 2022 06:56

Tgt Ion:119 Resp: 453464
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.4
 91 24.6 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.305 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MS

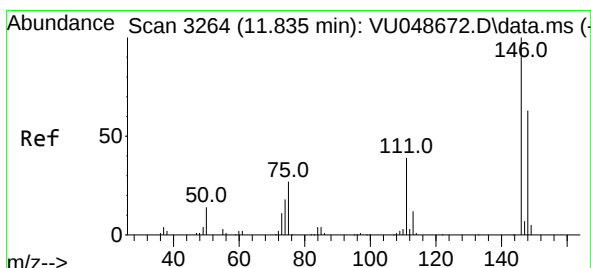
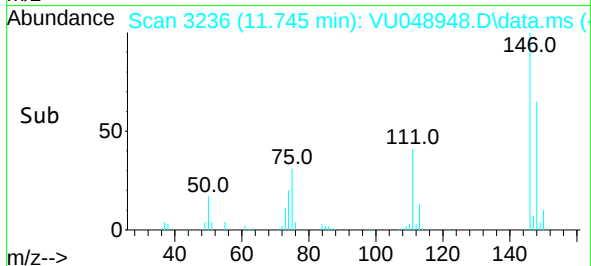
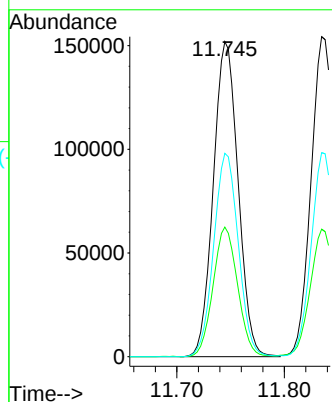
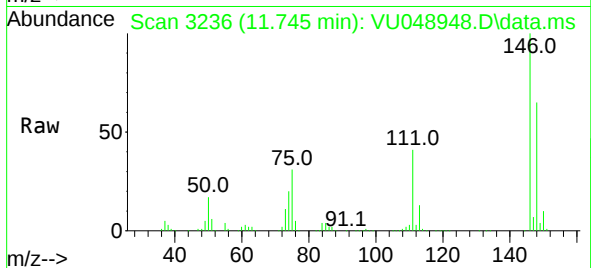
Tgt Ion:146 Resp: 243124

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.9

148 64.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.844 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

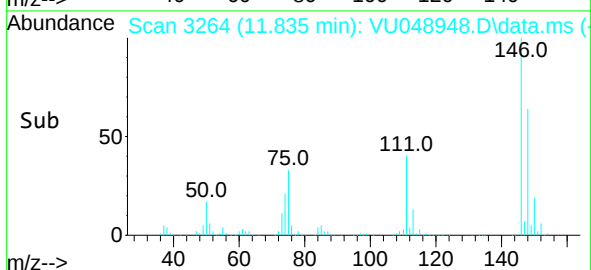
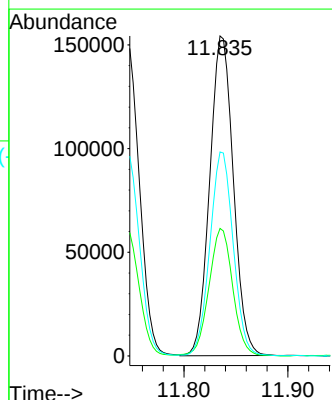
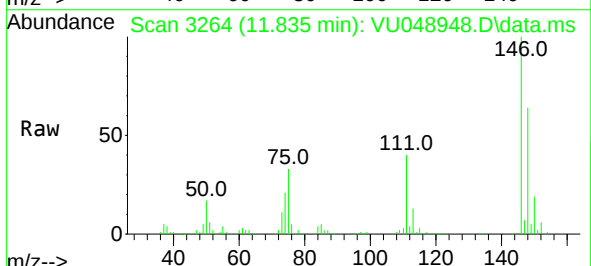
Tgt Ion:146 Resp: 243737

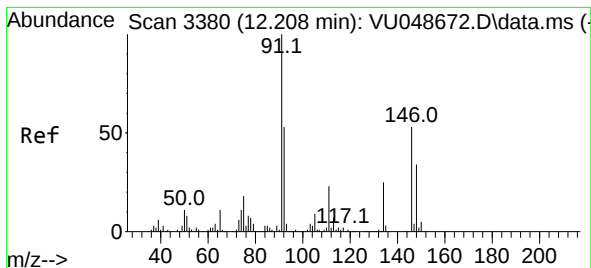
Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.6

148 63.0 32.4 97.0





#89

n-Butylbenzene

Concen: 44.593 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MS

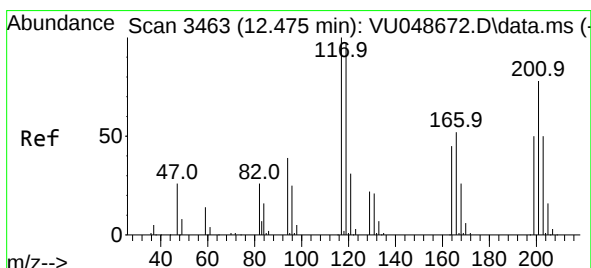
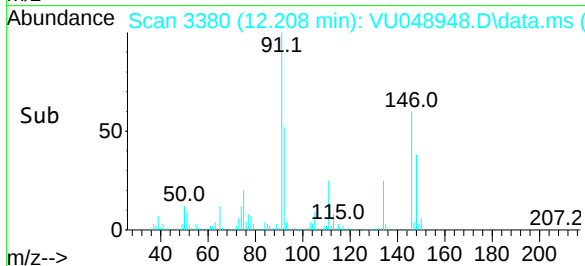
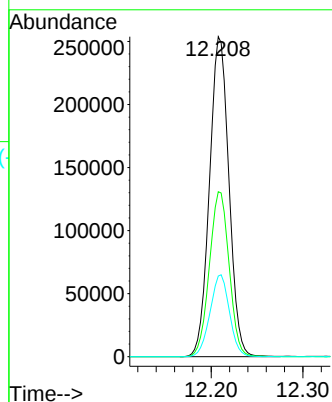
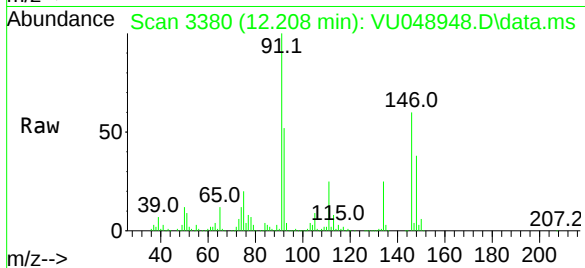
Tgt Ion: 91 Resp: 372731

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 25.6 12.5 37.5



#90

Hexachloroethane

Concen: 52.559 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.000 min

Lab File: VU048948.D

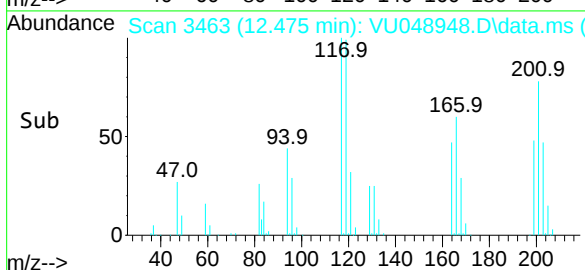
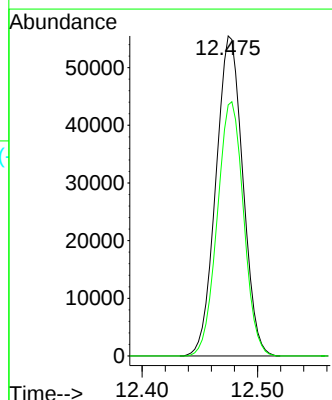
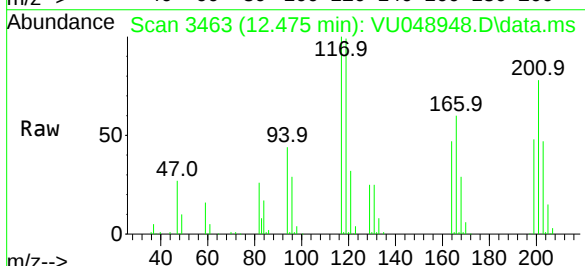
Acq: 08 Jun 2022 06:56

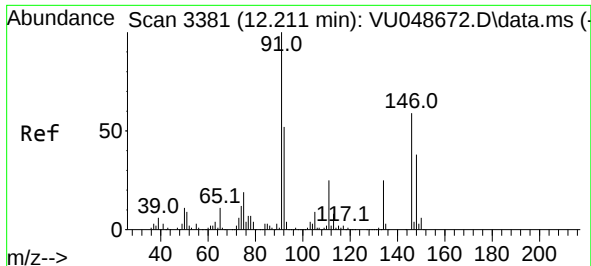
Tgt Ion: 117 Resp: 90072

Ion Ratio Lower Upper

117 100

201 77.5 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 53.901 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MS

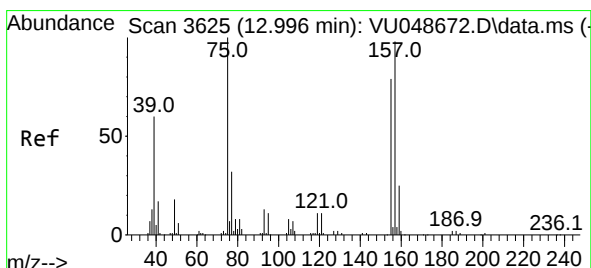
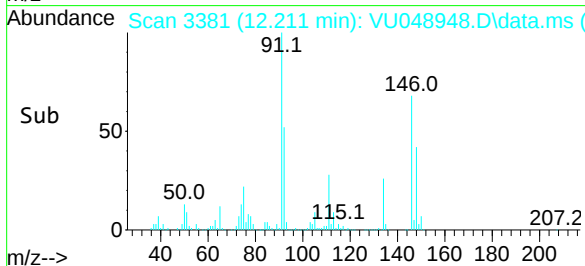
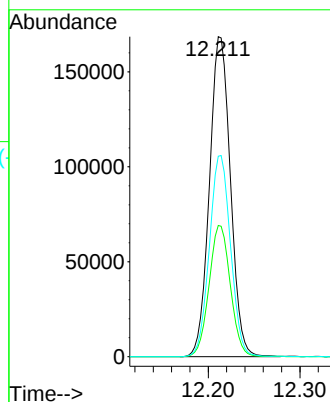
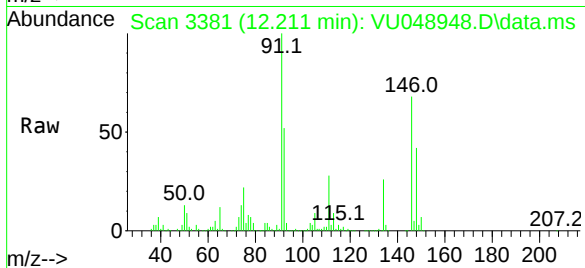
Tgt Ion:146 Resp: 268501

Ion Ratio Lower Upper

146 100

111 41.6 21.4 64.3

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.752 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

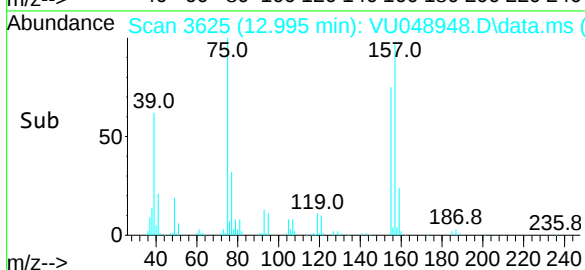
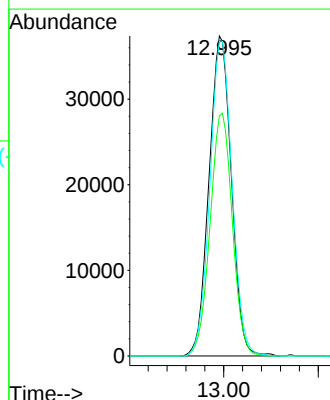
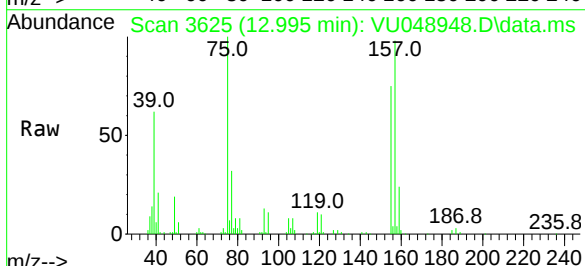
Tgt Ion: 75 Resp: 61346

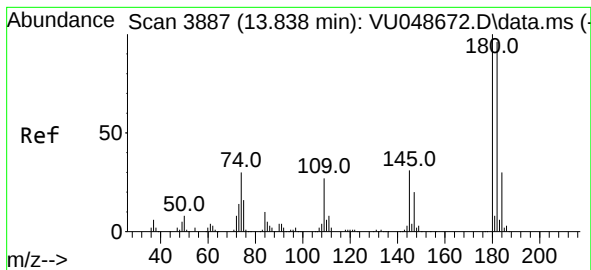
Ion Ratio Lower Upper

75 100

155 75.5 40.3 120.8

157 98.0 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 43.475 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

Instrument :

MSVOA_U

ClientSampleId :

11BR-20220601MS

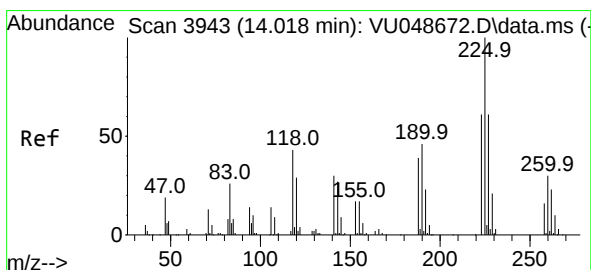
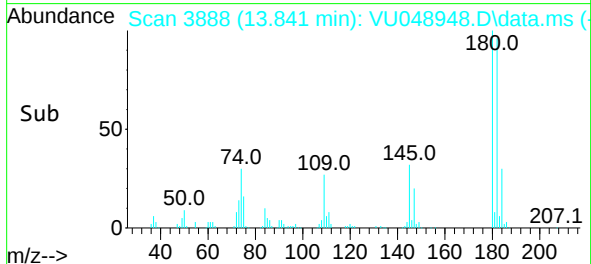
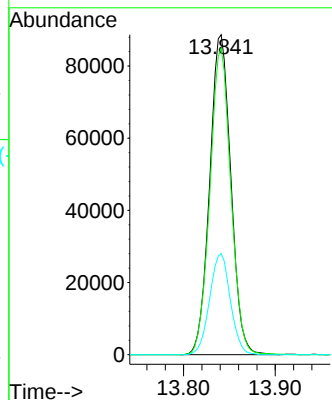
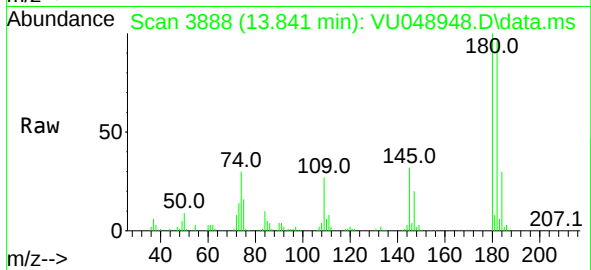
Tgt Ion:180 Resp: 142111

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.9

145 31.0 15.6 46.7



#94

Hexachlorobutadiene

Concen: 49.119 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048948.D

Acq: 08 Jun 2022 06:56

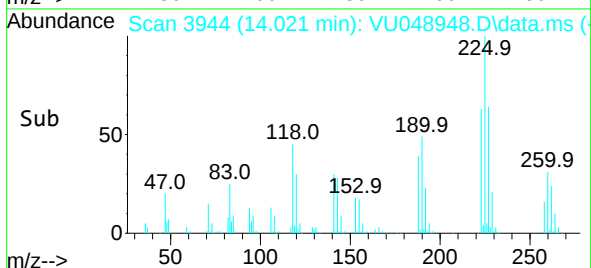
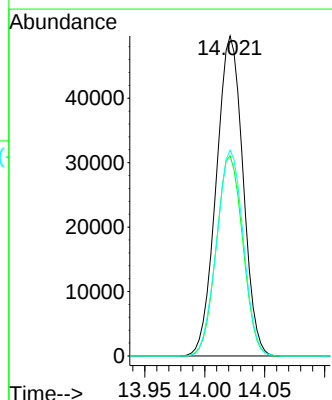
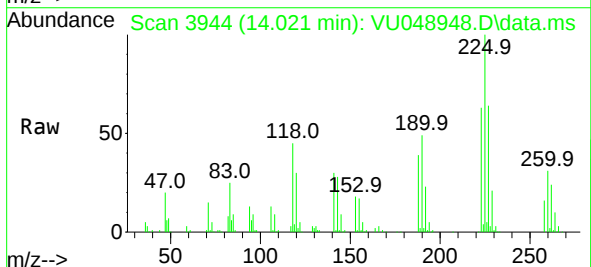
Tgt Ion:225 Resp: 76960

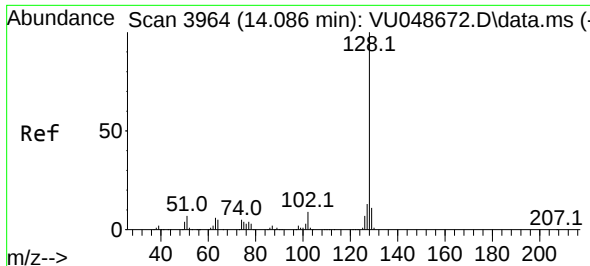
Ion Ratio Lower Upper

225 100

223 61.9 30.9 92.8

227 64.1 31.1 93.5

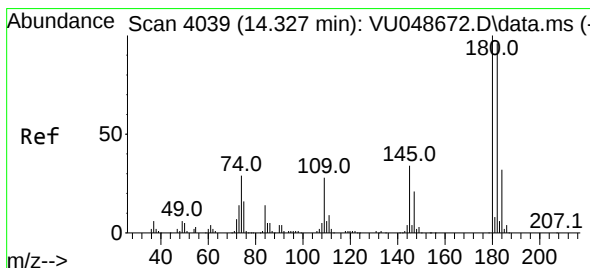
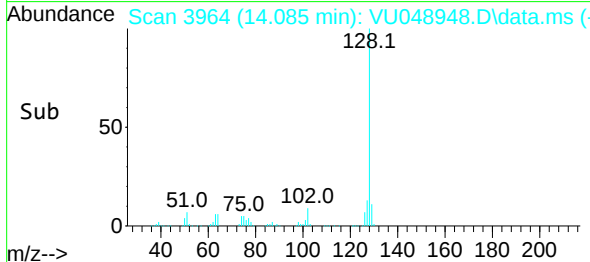
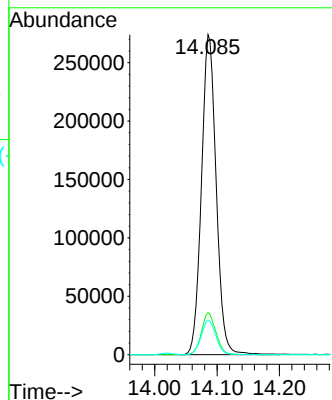
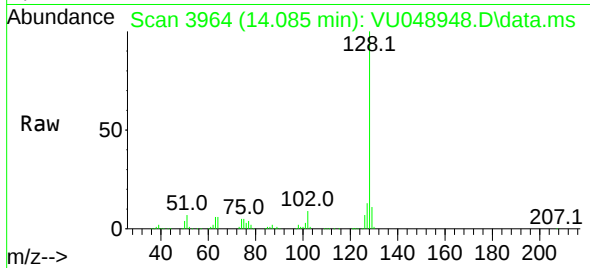




#95
Naphthalene
Concen: 39.921 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Instrument :
MSVOA_U
ClientSampleId :
11BR-20220601MS

Tgt Ion:128 Resp: 449667
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.769 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048948.D
Acq: 08 Jun 2022 06:56

Tgt Ion:180 Resp: 148181
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 32.5 16.6 49.8

