

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048770.D
 Acq On : 01 Jun 2022 04:33
 Operator : SY/MD
 Sample : N3075-02 20X
 Misc : 6.34g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS-2

Quant Time: Jun 01 05:47:56 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	5.366	168	256545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	439416	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	410171	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	222531	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	192395	49.936	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.880%
35) Dibromofluoromethane	5.292	113	147491	47.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	7.896	98	618595	55.048	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.100%
62) 4-Bromofluorobenzene	10.645	95	298164	70.158	ug/l	0.01
Spiked Amount	50.000	Range	83 - 123	Recovery	=	140.320%#

Target Compounds			Qvalue			
3) Chloromethane	1.510	50	1451	0.384	ug/l #	80
5) Bromomethane	1.867	94	145	Below Cal	#	65
6) Chloroethane	1.964	64	278	Below Cal	#	43
10) Methyl Iodide	2.671	142	1465	3.343	ug/l #	77
11) Tert butyl alcohol	3.176	59	19483	19.946	ug/l #	28
13) Acrolein	2.514	56	31974	96.163	ug/l #	14
14) Allyl chloride	2.899	41	149843	29.629	ug/l #	62
15) Acrylonitrile	3.301	53	69403	32.761	ug/l #	39
16) Acetone	2.668	43	6602	3.362	ug/l	97
18) Methyl Acetate	2.899	43	125824	25.523	ug/l #	51
20) Methylene Chloride	3.096	84	242190	72.535	ug/l #	11
23) Vinyl Acetate	3.932	43	50688	6.271	ug/l #	77
24) 1,1-Dichloroethane	3.870	63	3198	0.546	ug/l #	84
25) 2-Butanone	4.613	43	56955	20.192	ug/l #	49
26) 2,2-Dichloropropane	4.578	77	2465	0.469	ug/l #	54
28) Bromochloromethane	5.099	49	709	0.309	ug/l #	13
29) Tetrahydrofuran	5.099	42	29057	16.354	ug/l #	1
30) Chloroform	5.102	83	644400	109.921	ug/l #	26
31) Cyclohexane	5.362	56	4101354	844.693	ug/l #	92
36) 1,1-Dichloropropene	5.362	75	25797	5.638	ug/l #	1
37) Ethyl Acetate	4.755	43	7319	1.265	ug/l #	68
38) Carbon Tetrachloride	5.366	117	26101	4.972	ug/l #	16
39) Methylcyclohexane	6.758	83	9099988	1896.872	ug/l	98
40) Benzene	5.764	78	3875673	286.924	ug/l	99
41) Methacrylonitrile	4.973	41	125155	42.819	ug/l #	48
42) 1,2-Dichloroethane	5.764	62	35420	6.699	ug/l #	1
43) Isopropyl Acetate	5.967	43	221237	26.353	ug/l #	60
45) 1,2-Dichloropropane	6.755	63	92597	27.230	ug/l #	1
46) Dibromomethane	6.870	93	5812	2.288	ug/l #	1
47) Bromodichloromethane	7.150	83	492900	95.936	ug/l #	24
48) Methyl methacrylate	6.973	41	696981	184.939	ug/l #	52
51) 4-Methyl-2-Pentanone	7.854	43	448987	82.367	ug/l #	42
52) Toluene	7.970	92	380708	47.120	ug/l	99
53) t-1,3-Dichloropropene	8.250	75	1799	0.325	ug/l #	1
55) 1,1,2-Trichloroethane	8.369	97	1219261	341.929	ug/l #	19
56) Ethyl methacrylate	8.365	69	389345	68.099	ug/l #	22

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

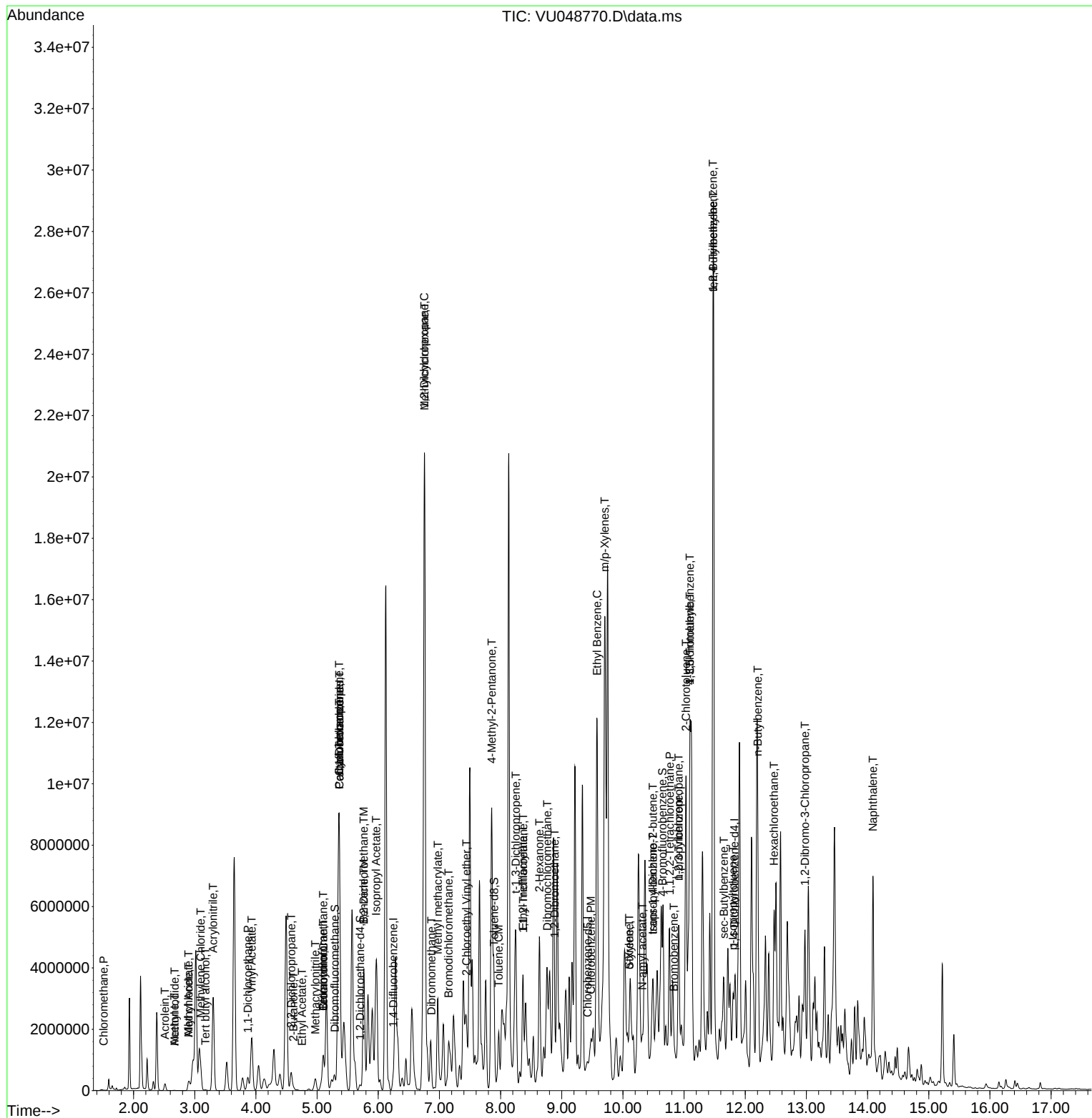
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.443	63	19039	42.922	ug/l #	47
59) 2-Hexanone	8.636	43	1939473	433.384	ug/l #	27
60) Dibromochloromethane	8.764	129	3475	0.869	ug/l #	2
61) 1,2-Dibromoethane	8.883	107	2892	0.736	ug/l #	1
65) Chlorobenzene	9.478	112	3329	0.384	ug/l #	54
67) Ethyl Benzene	9.578	91	9158348	625.932	ug/l	99
68) m/p-Xylenes	9.703	106	4287427	749.216	ug/l	99
69) o-Xylene	10.105	106	358313	63.732	ug/l	96
70) Styrene	10.105	104	20096	2.173	ug/l #	1
73) Isopropylbenzene	10.491	105	1729559	120.388	ug/l	99
74) N-amyl acetate	10.317	43	129072	19.337	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	10.764	83	70828	12.081	ug/l #	41
76) 1,2,3-Trichloropropane	10.912	75	27748	3.867	ug/l #	1
77) Bromobenzene	10.835	156	1058	0.274	ug/l #	1
78) n-propylbenzene	10.912	91	3742385	218.611	ug/l	99
79) 2-Chlorotoluene	11.031	91	663401	62.316	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.095	105	5695057	455.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.491	75	20761	10.506	ug/l #	1
82) 4-Chlorotoluene	11.095	91	603714	49.151	ug/l #	46
83) tert-Butylbenzene	11.478	119	1940905	161.866	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.475	105	15481348	1123.675	ug/l	97
85) sec-Butylbenzene	11.651	105	668469	44.562	ug/l	97
86) p-Isopropyltoluene	11.799	119	925530	71.846	ug/l	97
89) n-Butylbenzene	12.205	91	1918225	144.446	ug/l #	26
90) Hexachloroethane	12.471	117	254377	96.755	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.976	75	17037	10.093	ug/l #	4
95) Naphthalene	14.089	128	4918480	269.106	ug/l	99

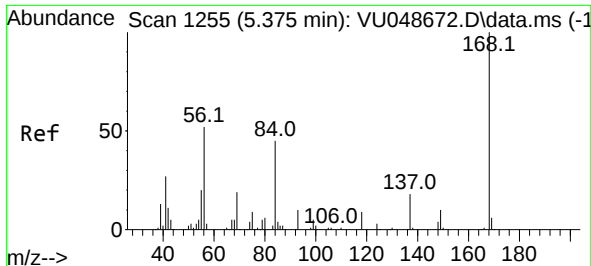
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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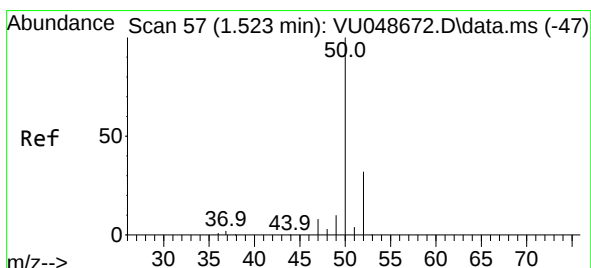
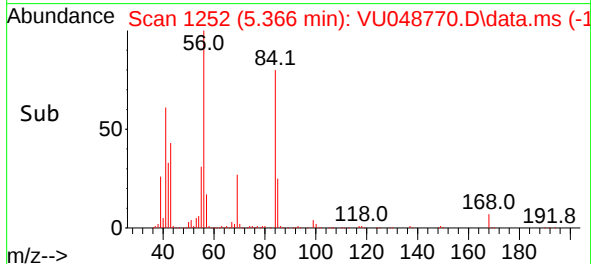
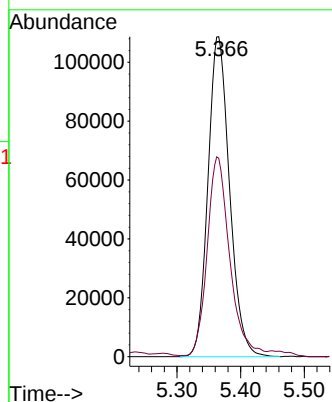
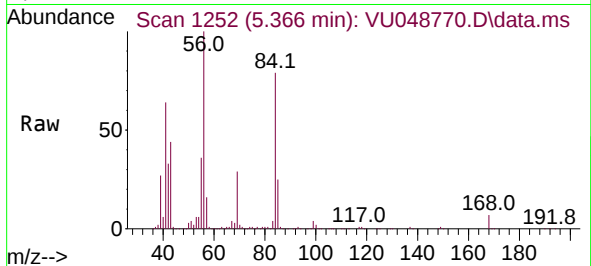




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

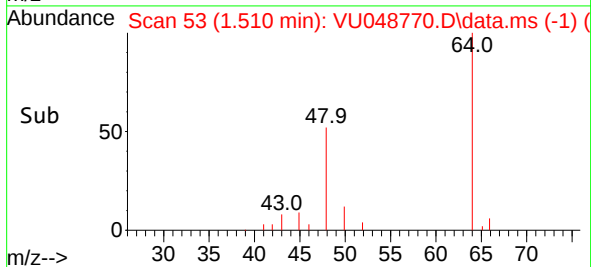
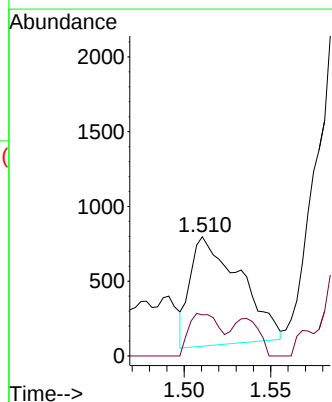
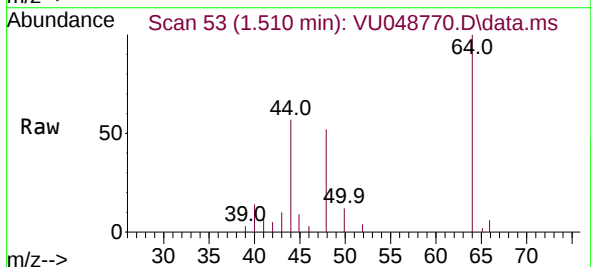
Instrument :
MSVOA_U
ClientSampleId :
SS-2

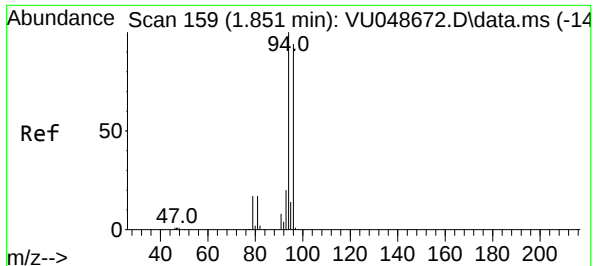
Tgt Ion:168 Resp: 256545
Ion Ratio Lower Upper
168 100
99 61.6 49.3 73.9



#3
Chloromethane
Concen: 0.384 ug/l
RT: 1.510 min Scan# 53
Delta R.T. -0.013 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 50 Resp: 1451
Ion Ratio Lower Upper
50 100
52 43.5 25.7 38.5#

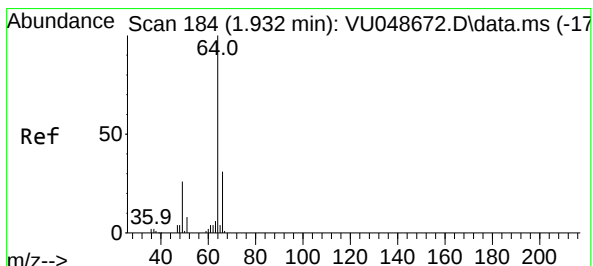
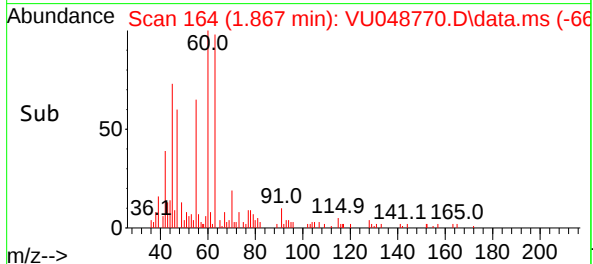
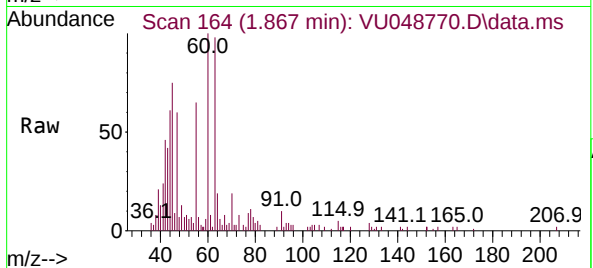




#5
Bromomethane
Concen: Below Cal
RT: 1.867 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

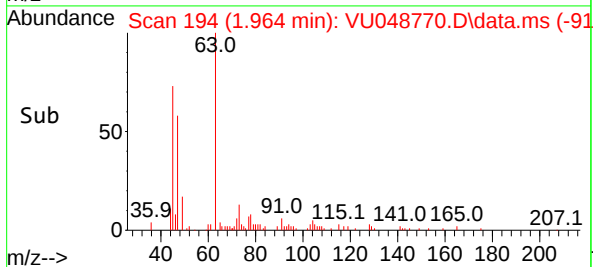
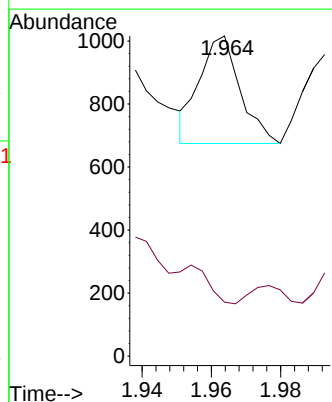
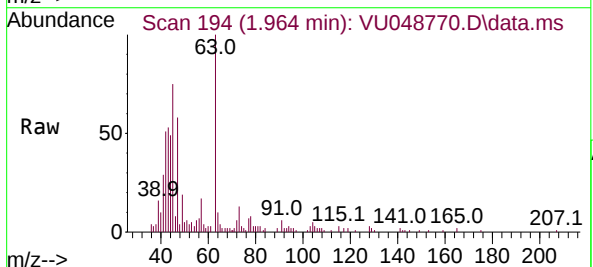
Instrument :
MSVOA_U
ClientSampleId :
SS-2

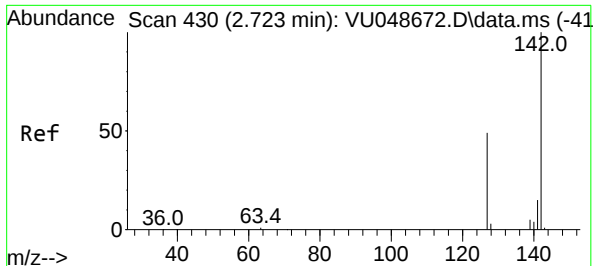
Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 59.8 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.964 min Scan# 194
Delta R.T. 0.032 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 64 Resp: 278
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

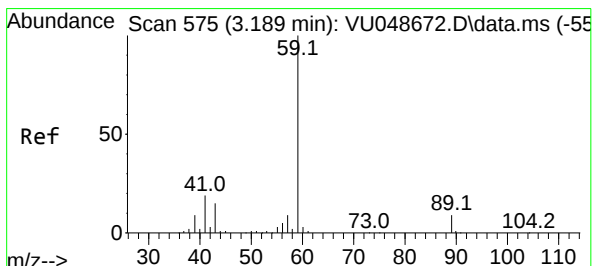
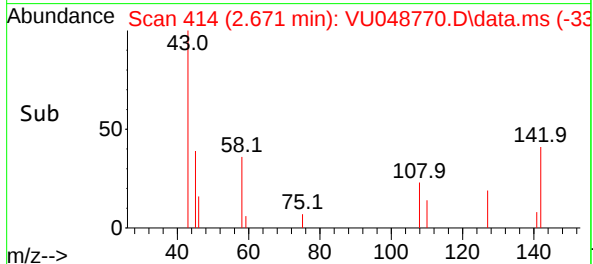
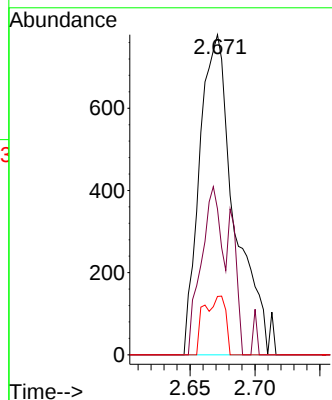
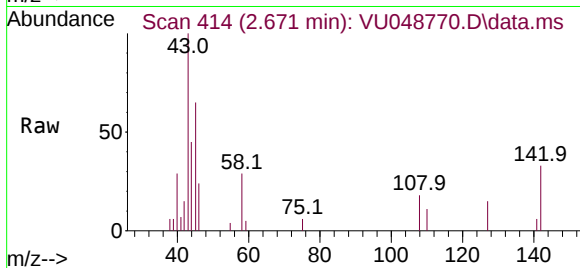




#10
Methyl Iodide
Concen: 3.343 ug/l
RT: 2.671 min Scan# 41
Delta R.T. -0.052 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

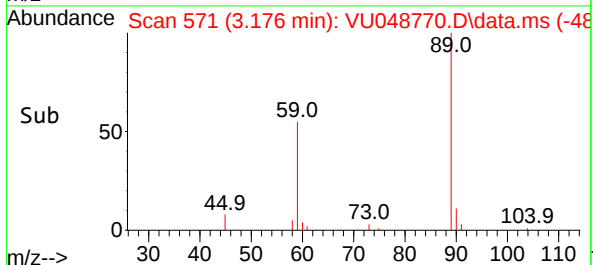
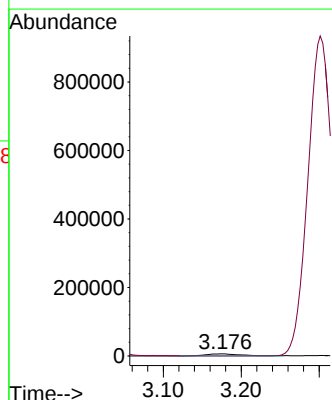
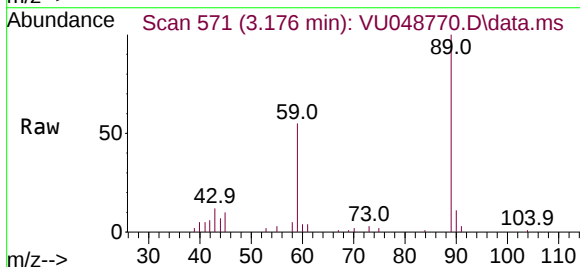
Instrument :
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ClientSampleId :
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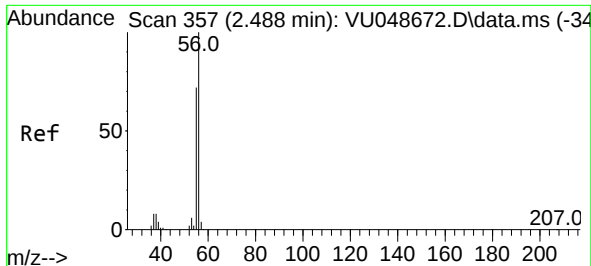
Tgt Ion:142 Resp: 1465
Ion Ratio Lower Upper
142 100
127 31.6 38.4 57.6#
141 6.8 11.5 17.3#



#11
Tert butyl alcohol
Concen: 19.946 ug/l
RT: 3.176 min Scan# 571
Delta R.T. -0.013 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 59 Resp: 19483
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#





#13

Acrolein

Concen: 96.163 ug/l

RT: 2.514 min Scan# 3

Delta R.T. 0.026 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

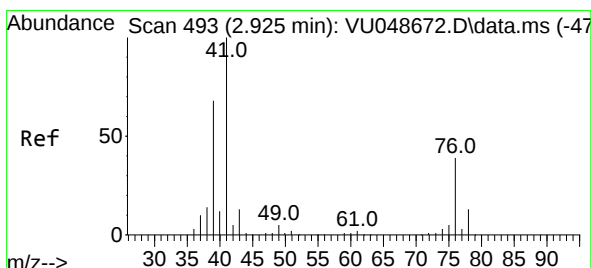
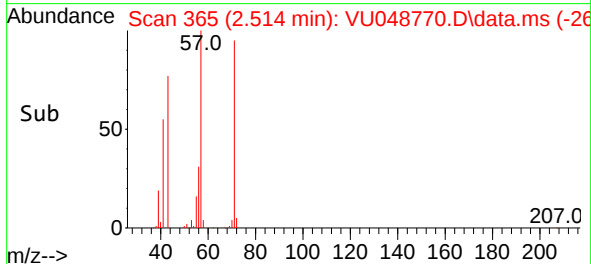
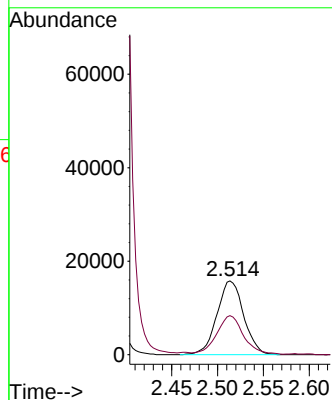
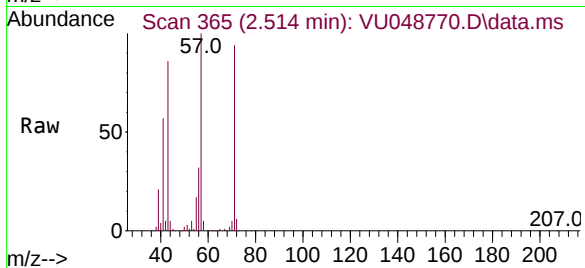
SS-2

Tgt Ion: 56 Resp: 31974

Ion Ratio Lower Upper

56 100

55 0.0 57.7 86.5#



#14

Allyl chloride

Concen: 29.629 ug/l

RT: 2.899 min Scan# 485

Delta R.T. -0.026 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

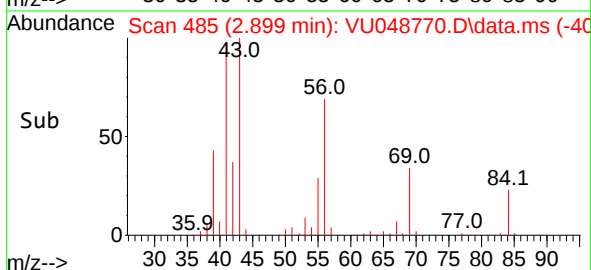
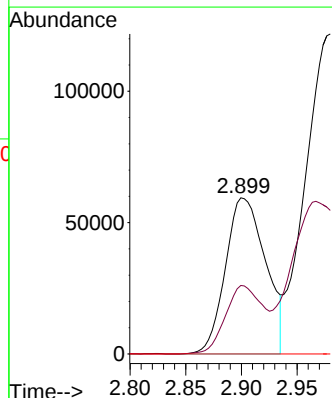
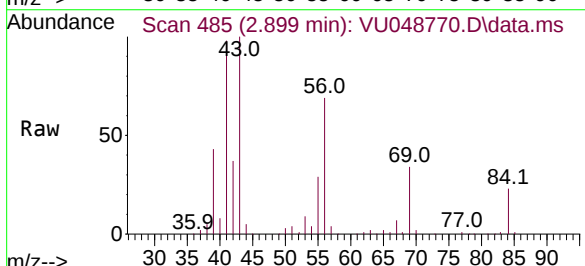
Tgt Ion: 41 Resp: 149843

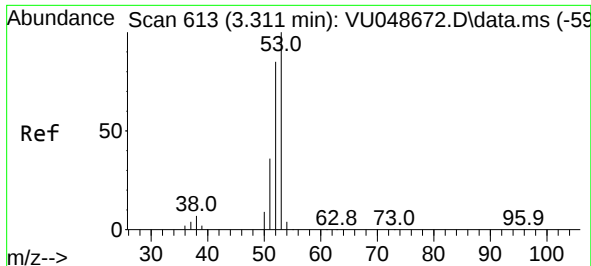
Ion Ratio Lower Upper

41 100

39 40.2 48.6 72.8#

76 0.0 27.0 40.4#

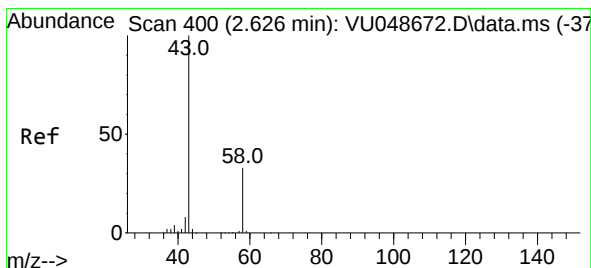
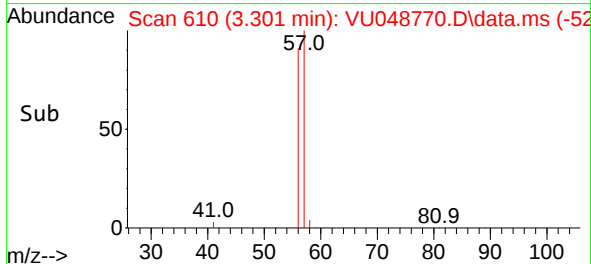
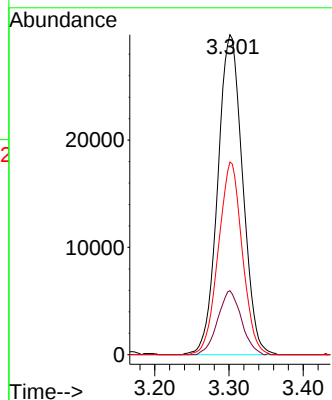
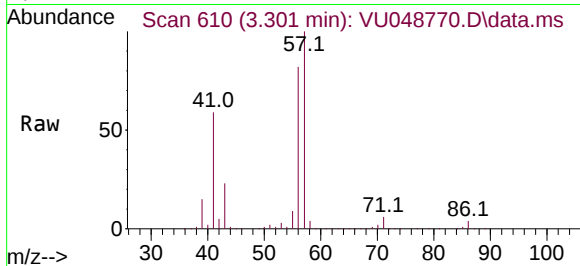




#15
Acrylonitrile
Concen: 32.761 ug/l
RT: 3.301 min Scan# 613
Delta R.T. -0.010 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

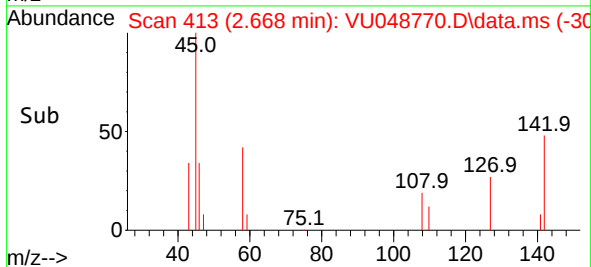
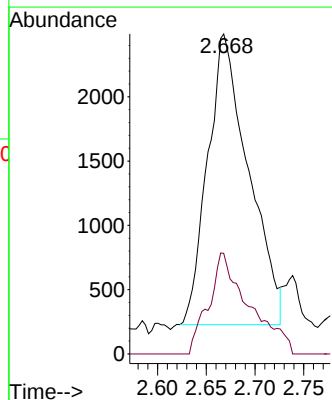
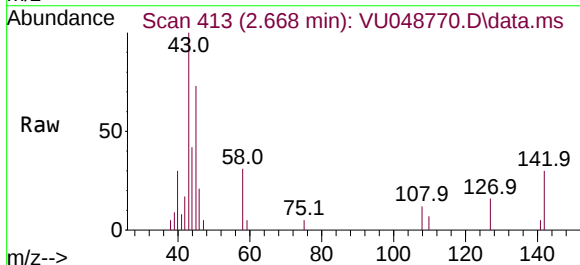
Instrument :
MSVOA_U
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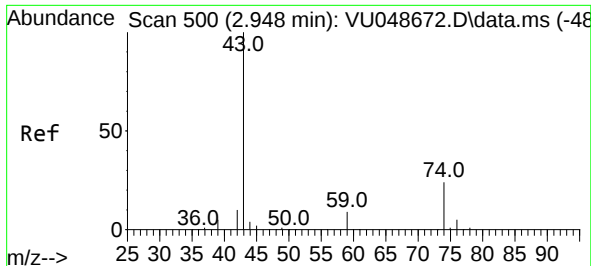
Tgt Ion: 53 Resp: 69403
Ion Ratio Lower Upper
53 100
52 19.0 66.3 99.5#
51 57.9 28.6 42.8#



#16
Acetone
Concen: 3.362 ug/l
RT: 2.668 min Scan# 413
Delta R.T. 0.042 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 43 Resp: 6602
Ion Ratio Lower Upper
43 100
58 34.6 26.3 39.5

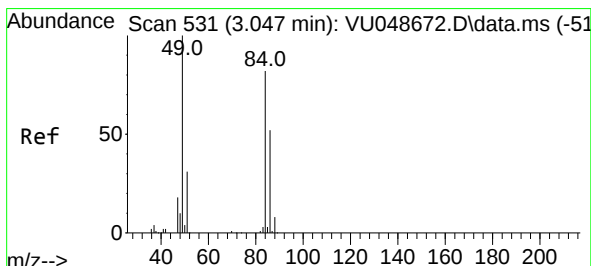
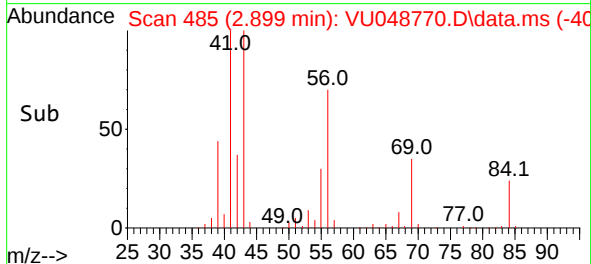
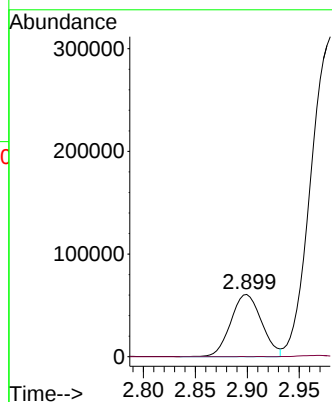
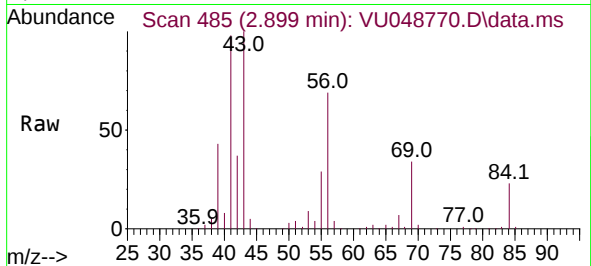




#18
Methyl Acetate
Concen: 25.523 ug/l
RT: 2.899 min Scan# 41
Delta R.T. -0.048 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

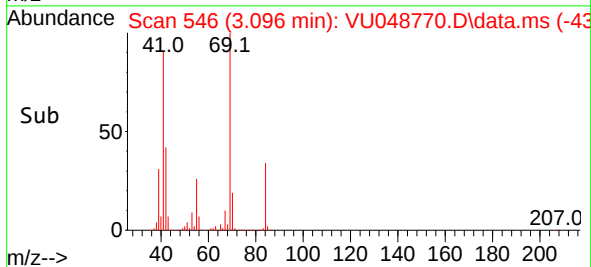
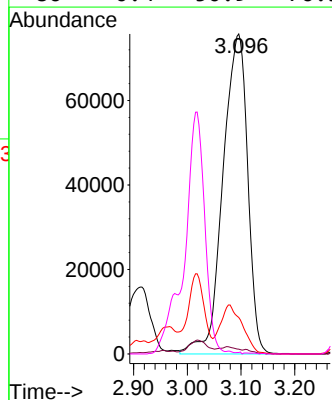
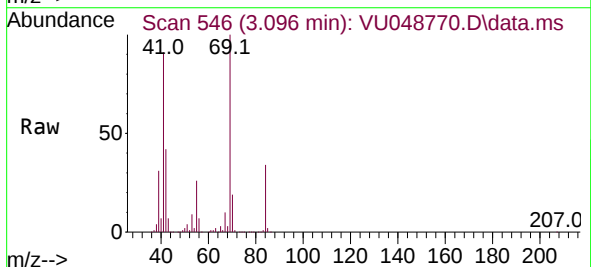
Instrument :
MSVOA_U
ClientSampleId :
SS-2

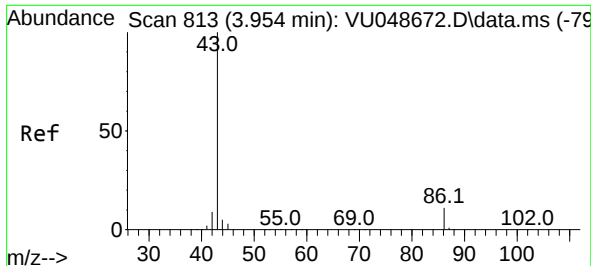
Tgt Ion: 43 Resp: 125824
Ion Ratio Lower Upper
43 100
74 0.1 19.2 28.8#



#20
Methylene Chloride
Concen: 72.535 ug/l
RT: 3.096 min Scan# 546
Delta R.T. 0.048 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 84 Resp: 242190
Ion Ratio Lower Upper
84 100
49 1.5 97.0 145.4#
51 11.4 29.8 44.8#
86 0.4 50.9 76.3#

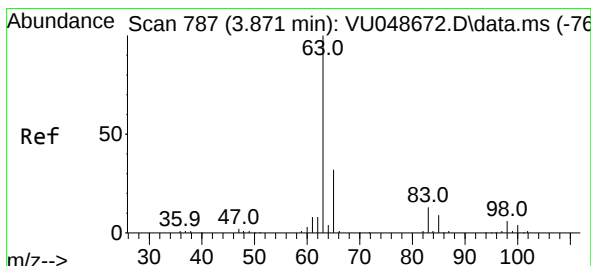
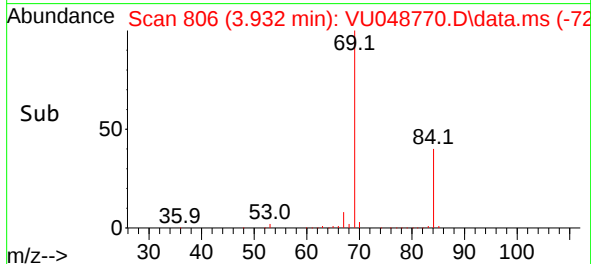
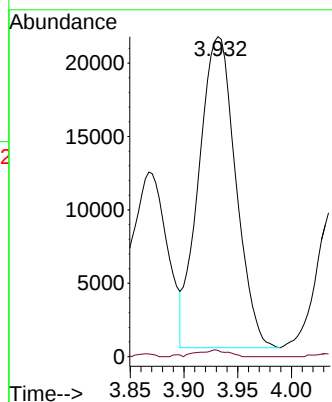
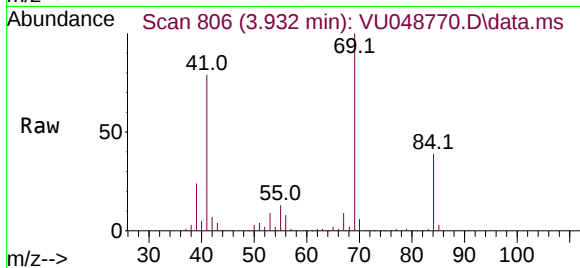




#23
 Vinyl Acetate
 Concen: 6.271 ug/l
 RT: 3.932 min Scan# 806
 Delta R.T. -0.023 min
 Lab File: VU048770.D
 Acq: 01 Jun 2022 04:33

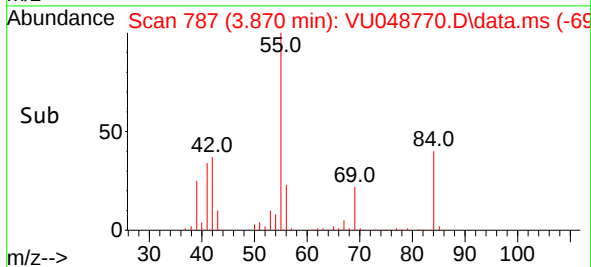
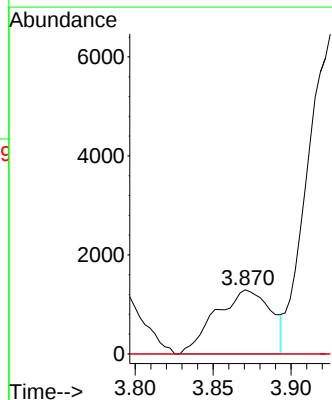
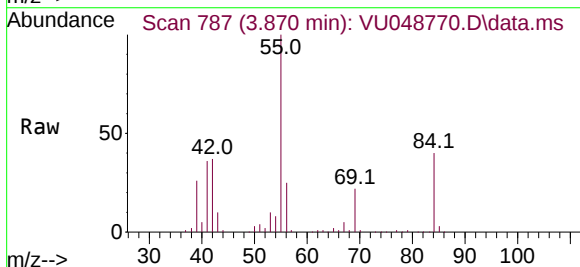
Instrument :
 MSVOA_U
 ClientSampleId :
 SS-2

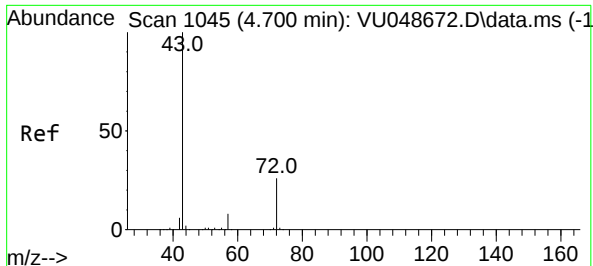
Tgt Ion: 43 Resp: 50688
 Ion Ratio Lower Upper
 43 100
 86 2.0 8.4 12.6#



#24
 1,1-Dichloroethane
 Concen: 0.546 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU048770.D
 Acq: 01 Jun 2022 04:33

Tgt Ion: 63 Resp: 3198
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.1 9.3#
 100 0.0 2.0 5.8#





#25

2-Butanone

Concen: 20.192 ug/l

RT: 4.613 min Scan# 1018

Delta R.T. -0.087 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

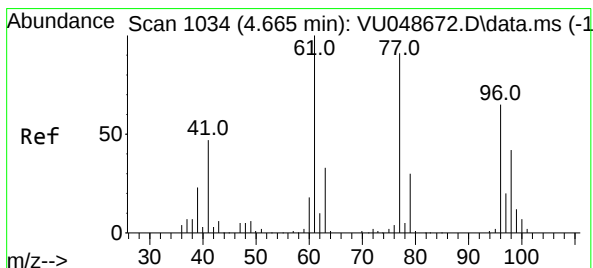
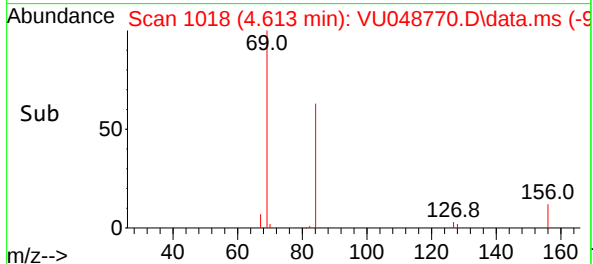
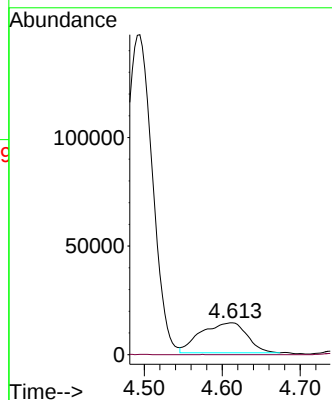
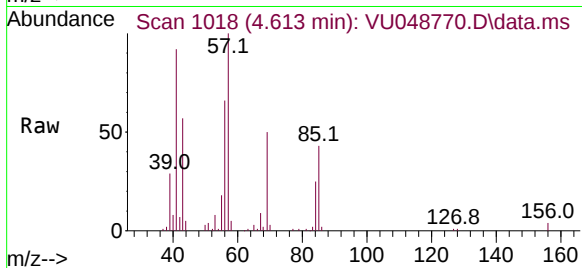
SS-2

Tgt Ion: 43 Resp: 56955

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#26

2,2-Dichloropropane

Concen: 0.469 ug/l

RT: 4.578 min Scan# 1007

Delta R.T. -0.087 min

Lab File: VU048770.D

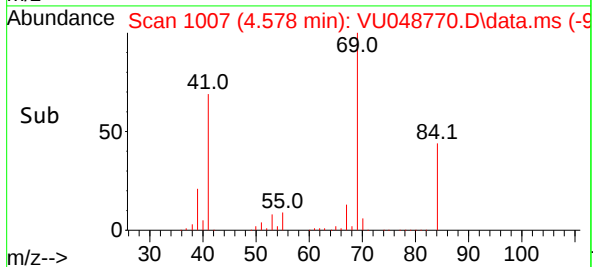
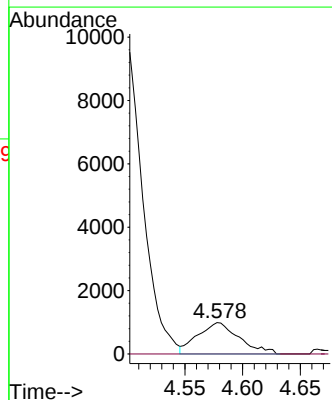
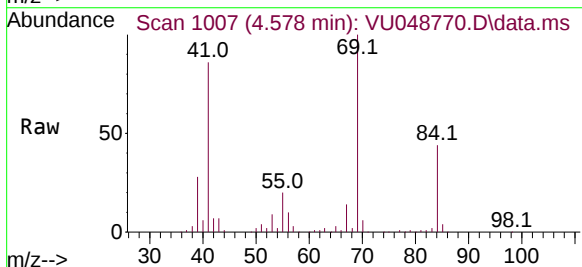
Acq: 01 Jun 2022 04:33

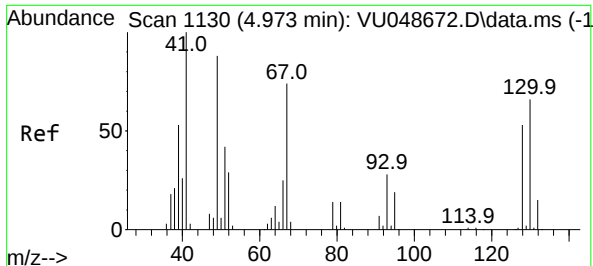
Tgt Ion: 77 Resp: 2465

Ion Ratio Lower Upper

77 100

97 0.0 11.1 33.1#

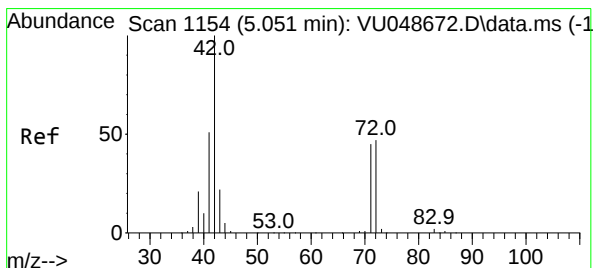
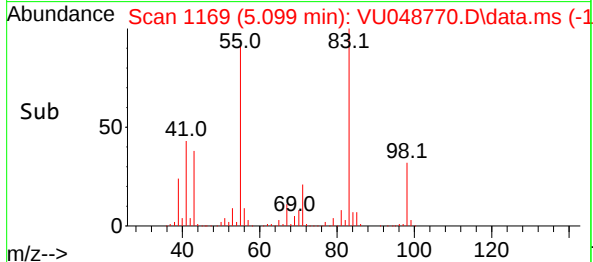
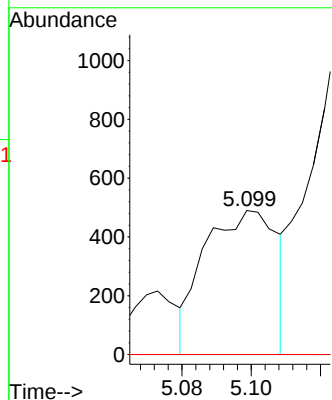
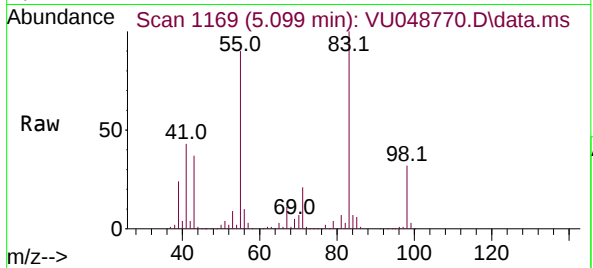




#28
Bromochloromethane
Concen: 0.309 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.125 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

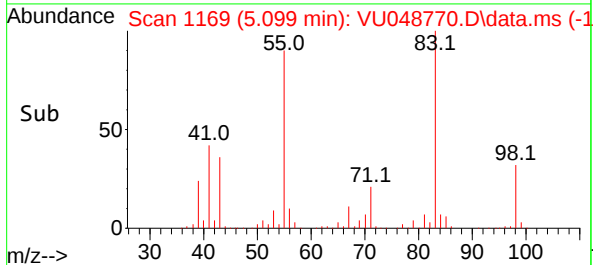
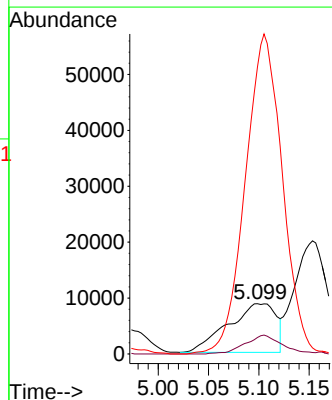
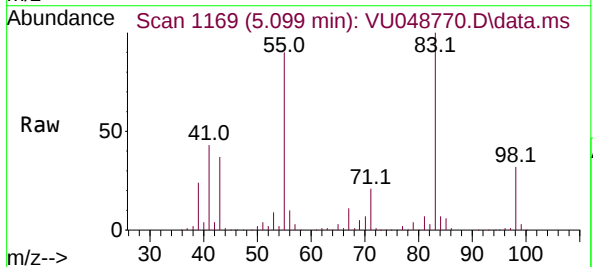
Instrument :
MSVOA_U
ClientSampleId :
SS-2

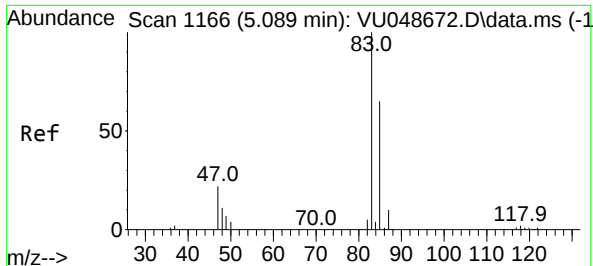
Tgt Ion: 49 Resp: 709
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 62.1 93.1#



#29
Tetrahydrofuran
Concen: 16.354 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. 0.048 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 42 Resp: 29057
Ion Ratio Lower Upper
42 100
72 29.6 37.6 56.4#
71 503.6 35.0 52.4#





#30

Chloroform

Concen: 109.921 ug/l

RT: 5.102 min Scan# 1166

Delta R.T. 0.013 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

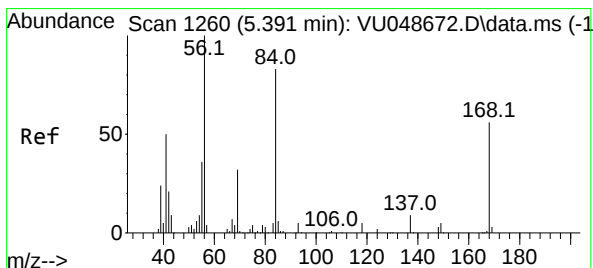
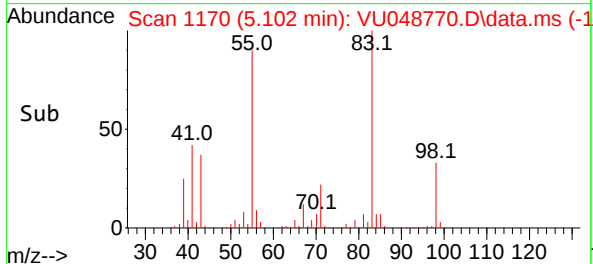
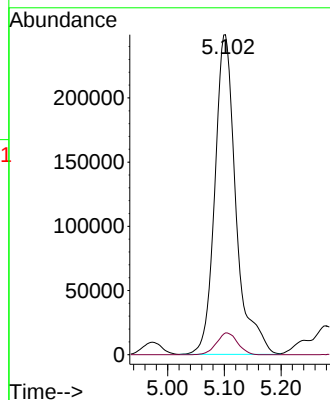
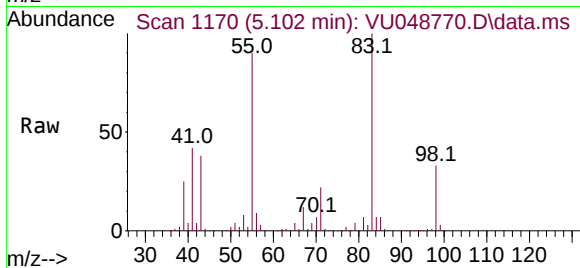
SS-2

Tgt Ion: 83 Resp: 644400

Ion Ratio Lower Upper

83 100

85 6.8 52.2 78.2#



#31

Cyclohexane

Concen: 844.693 ug/l

RT: 5.362 min Scan# 1251

Delta R.T. -0.029 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

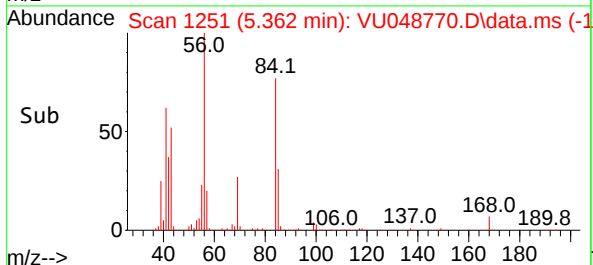
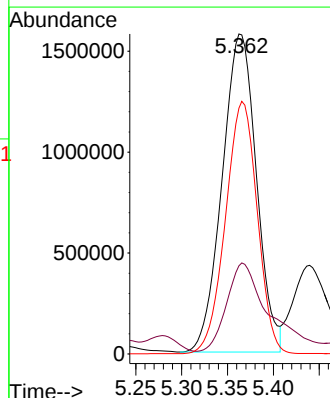
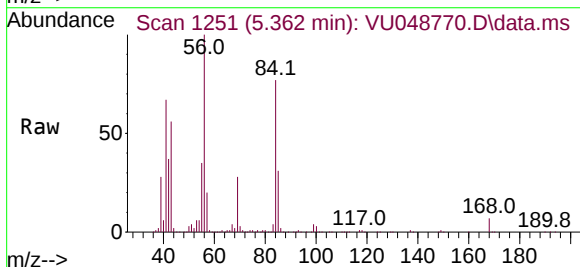
Tgt Ion: 56 Resp: 4101354

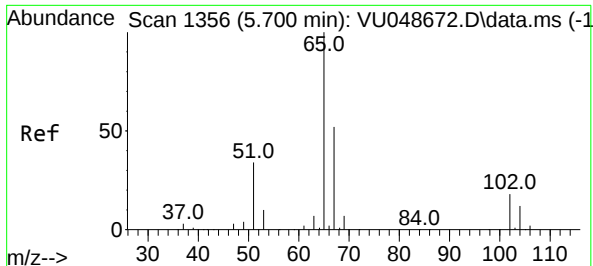
Ion Ratio Lower Upper

56 100

69 24.8 25.6 38.4#

84 77.2 66.2 99.4





#33

1,2-Dichloroethane-d4

Concen: 49.936 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

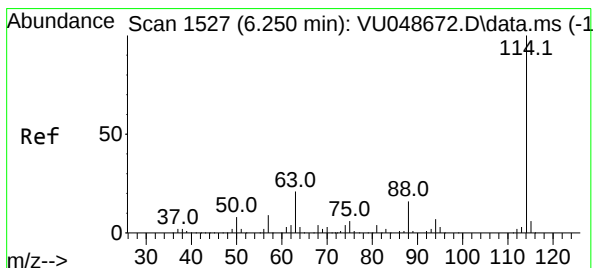
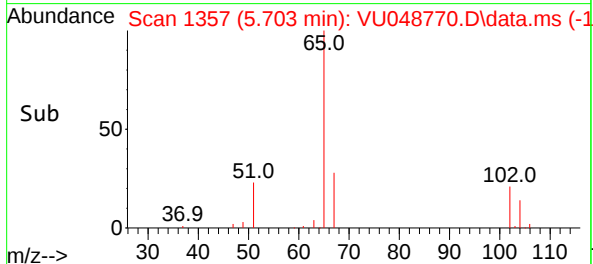
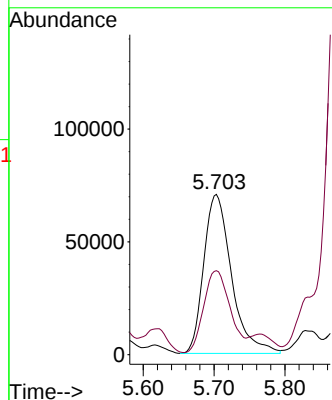
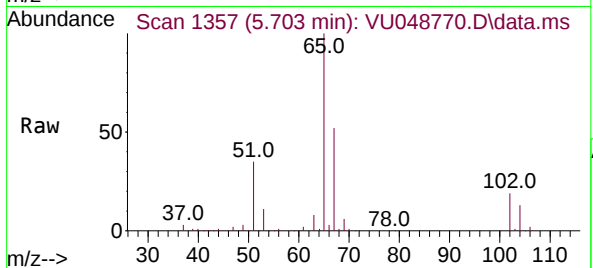
SS-2

Tgt Ion: 65 Resp: 192395

Ion Ratio Lower Upper

65 100

67 48.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

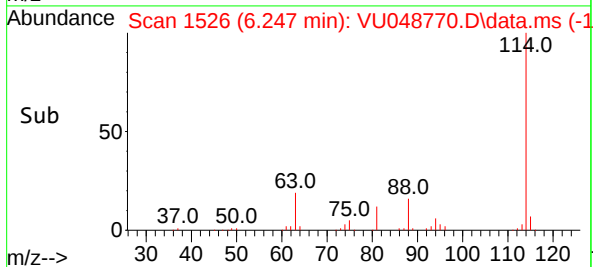
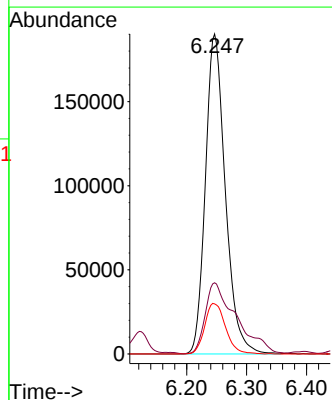
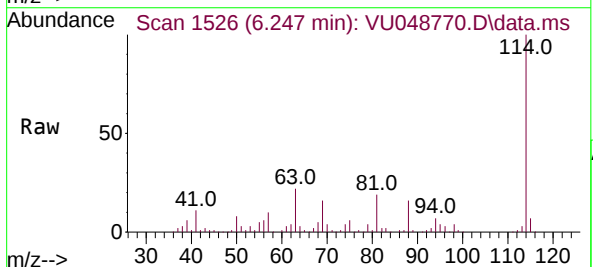
Tgt Ion: 114 Resp: 439416

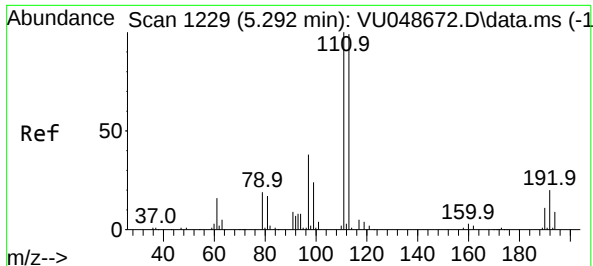
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.6

88 15.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.048 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

SS-2

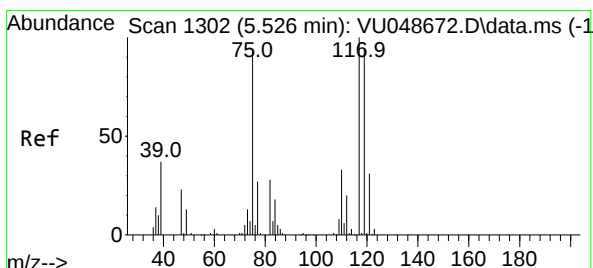
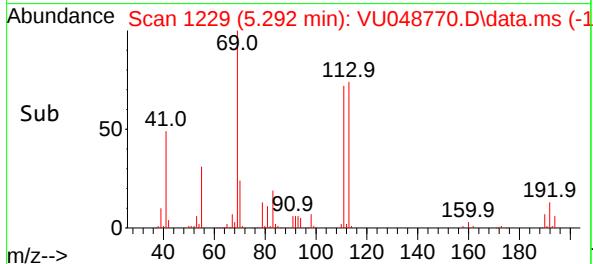
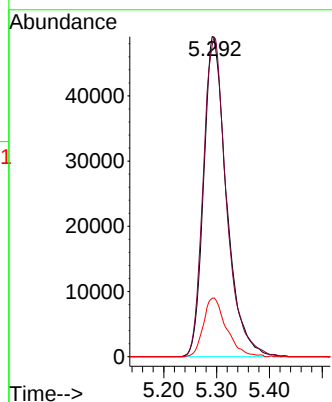
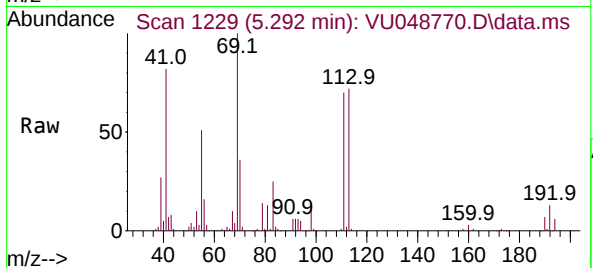
Tgt Ion:113 Resp: 147491

Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

192 18.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.638 ug/l

RT: 5.362 min Scan# 1251

Delta R.T. -0.164 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

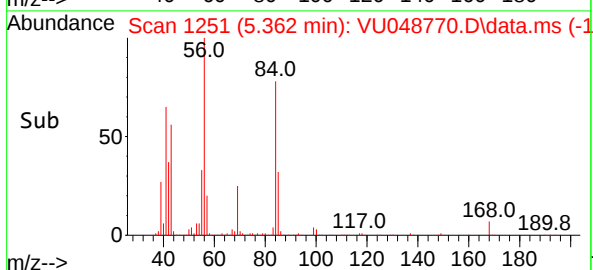
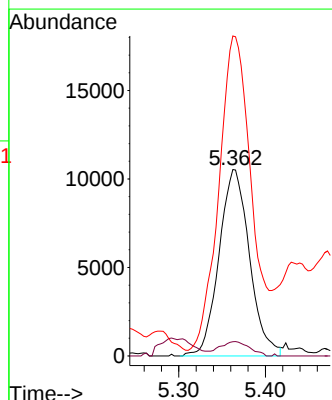
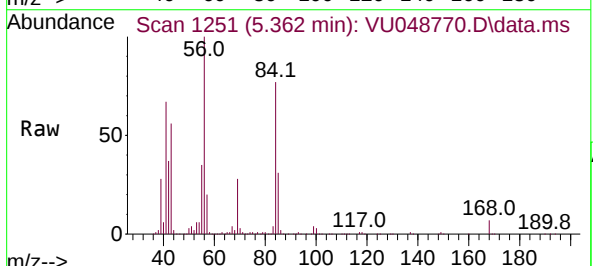
Tgt Ion: 75 Resp: 25797

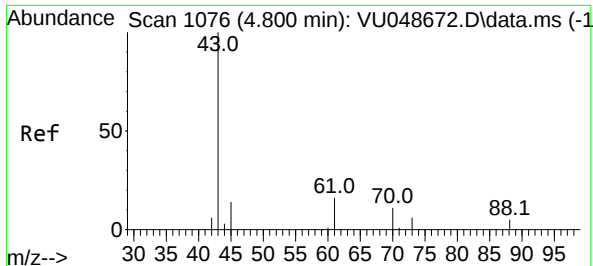
Ion Ratio Lower Upper

75 100

110 7.6 17.4 52.3#

77 179.2 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.265 ug/l

RT: 4.755 min Scan# 1062

Delta R.T. -0.045 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

SS-2

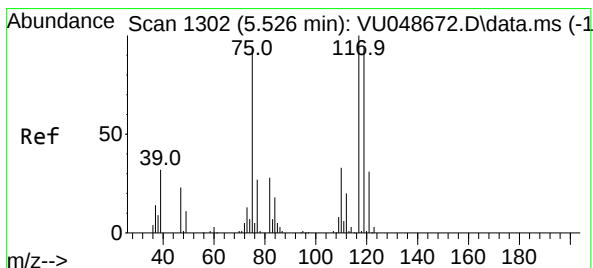
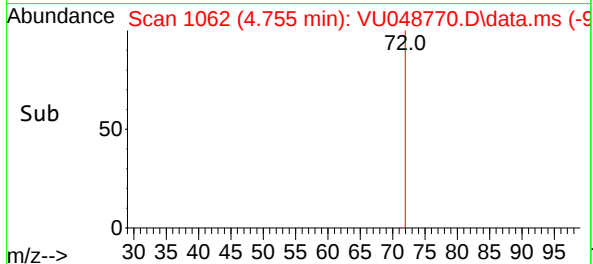
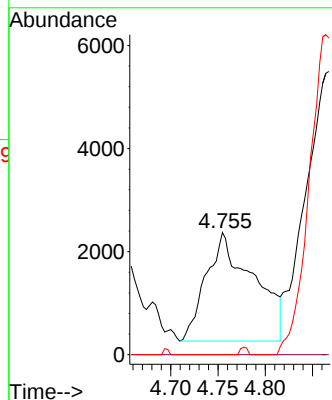
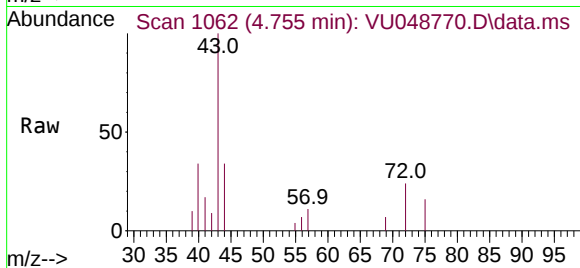
Tgt Ion: 43 Resp: 7319

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 4.972 ug/l

RT: 5.366 min Scan# 1252

Delta R.T. -0.161 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

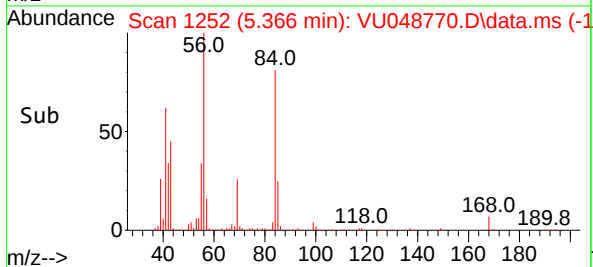
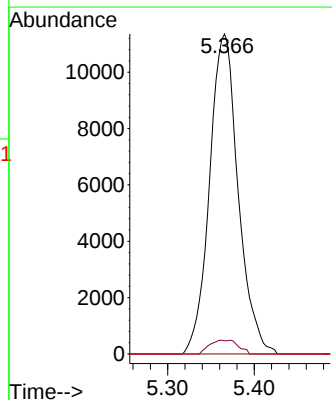
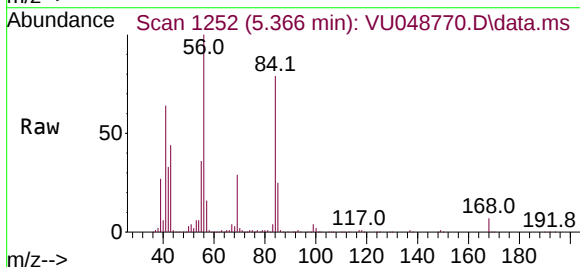
Tgt Ion: 117 Resp: 26101

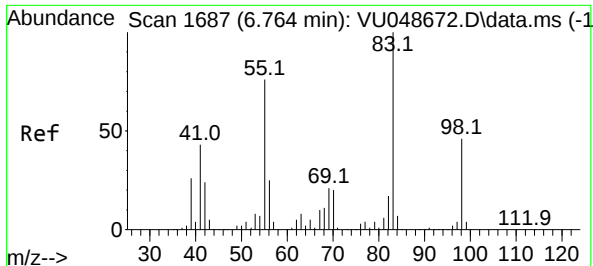
Ion Ratio Lower Upper

117 100

119 4.1 75.4 113.2#

121 0.0 24.6 36.8#

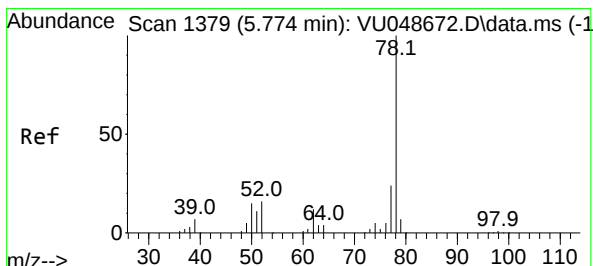
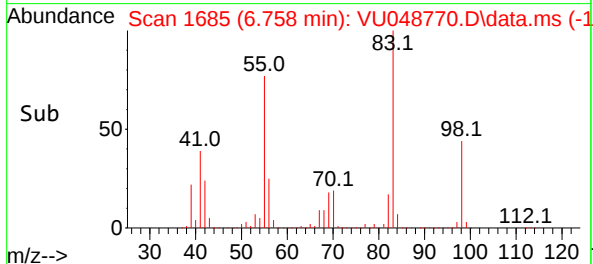
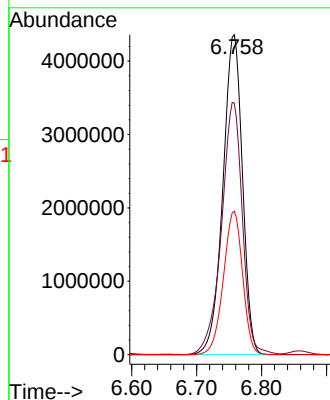
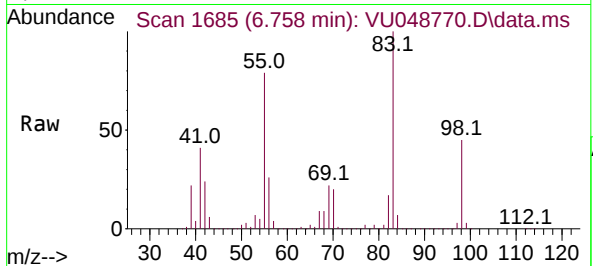




#39
Methylcyclohexane
Concen: 1896.872 ug/l
RT: 6.758 min Scan# 1
Delta R.T. -0.007 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

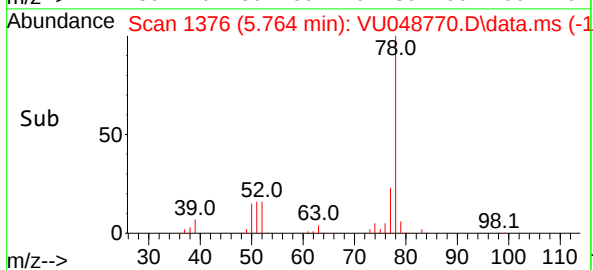
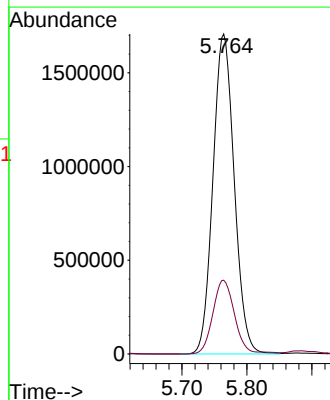
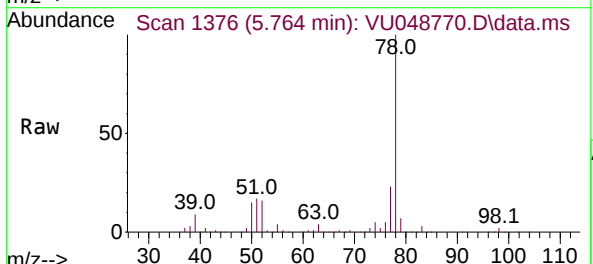
Instrument :
MSVOA_U
ClientSampleId :
SS-2

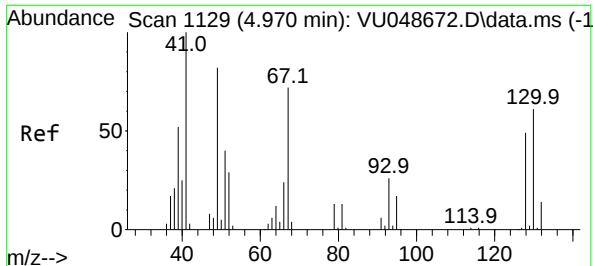
Tgt Ion: 83 Resp: 9099988
Ion Ratio Lower Upper
83 100
55 78.5 61.0 91.6
98 44.8 36.8 55.2



#40
Benzene
Concen: 286.924 ug/l
RT: 5.764 min Scan# 1376
Delta R.T. -0.010 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 78 Resp: 3875673
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6

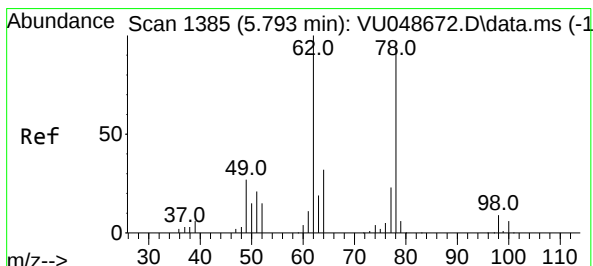
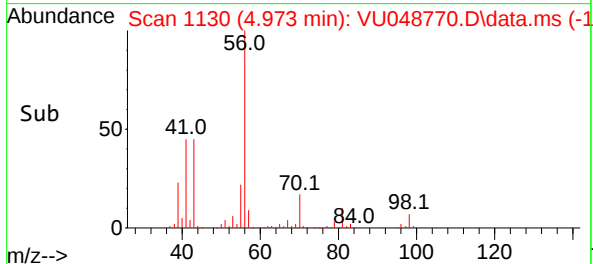
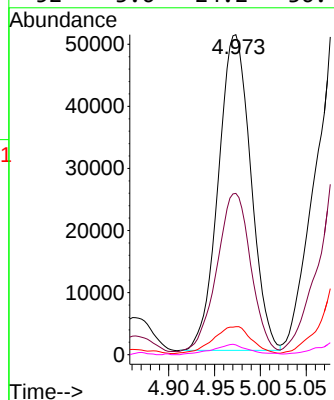
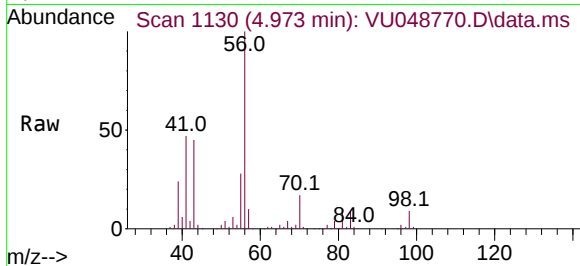




#41
Methacrylonitrile
Concen: 42.819 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

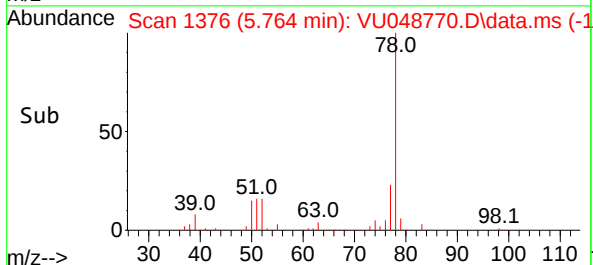
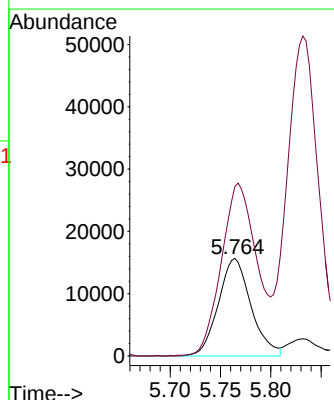
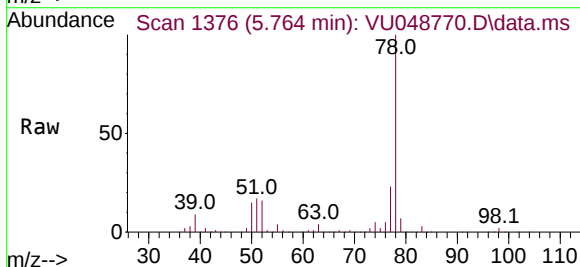
Instrument :
MSVOA_U
ClientSampleId :
SS-2

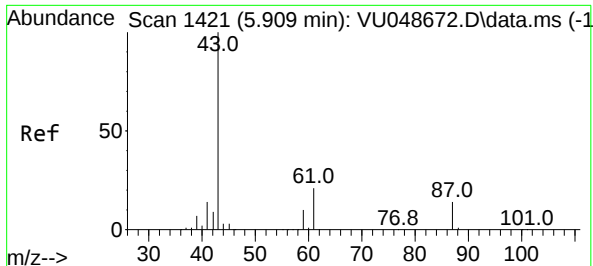
Tgt Ion: 41	Resp: 125155
Ion Ratio	Lower Upper
41	100
39	52.1 42.6 64.0
67	0.0 61.0 91.4#
52	3.6 24.2 36.4#



#42
1,2-Dichloroethane
Concen: 6.699 ug/l
RT: 5.764 min Scan# 1376
Delta R.T. -0.029 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 62	Resp: 35420
Ion Ratio	Lower Upper
62	100
98	191.0 0.0 17.0#





#43

Isopropyl Acetate

Concen: 26.353 ug/l

RT: 5.967 min Scan# 1421

Delta R.T. 0.058 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

SS-2

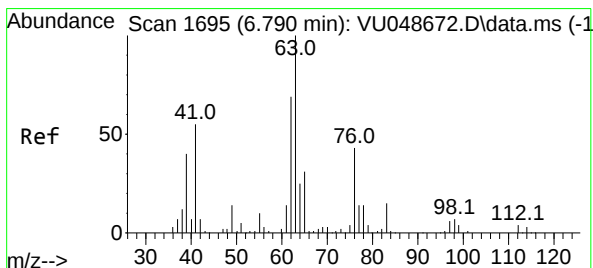
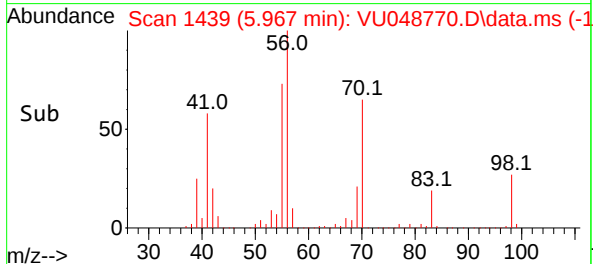
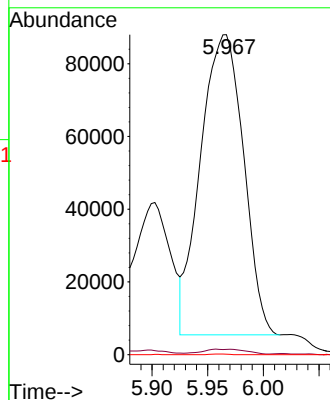
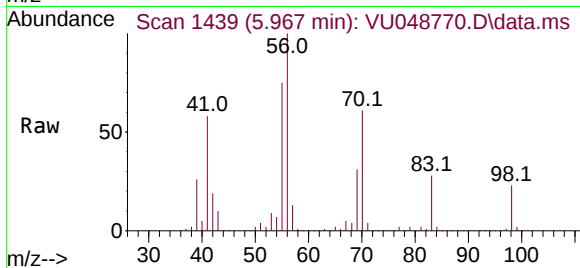
Tgt Ion: 43 Resp: 221237

Ion Ratio Lower Upper

43 100

61 0.6 16.7 25.1#

87 0.1 10.9 16.3#



#45

1,2-Dichloropropane

Concen: 27.230 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.035 min

Lab File: VU048770.D

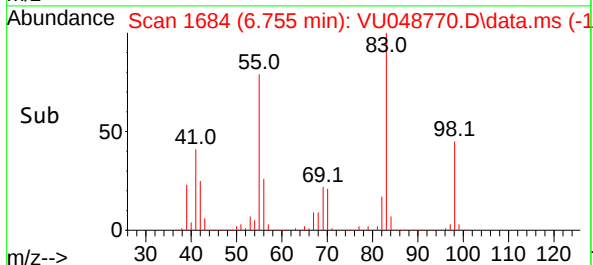
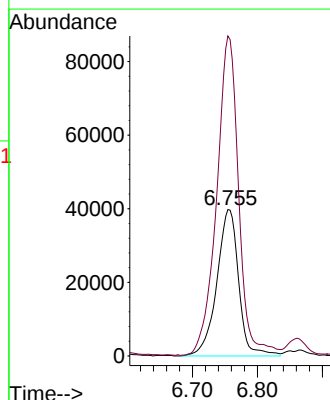
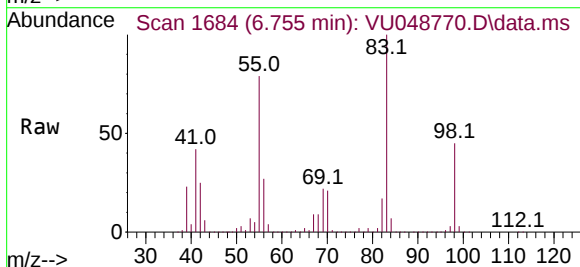
Acq: 01 Jun 2022 04:33

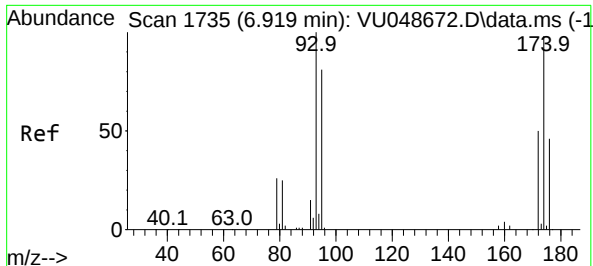
Tgt Ion: 63 Resp: 92597

Ion Ratio Lower Upper

63 100

65 218.2 24.8 37.2#

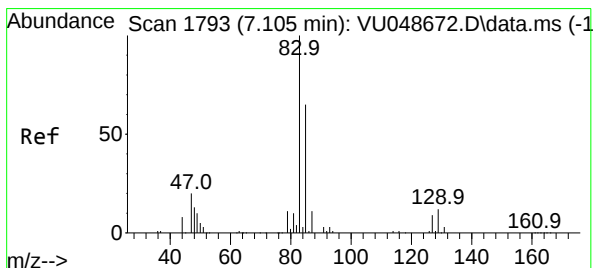
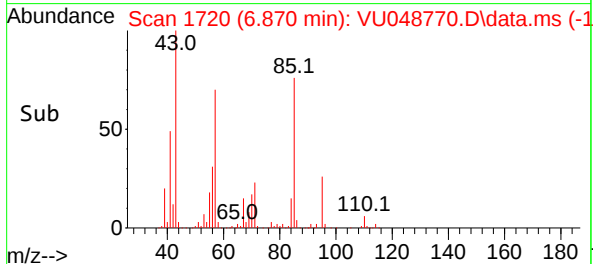
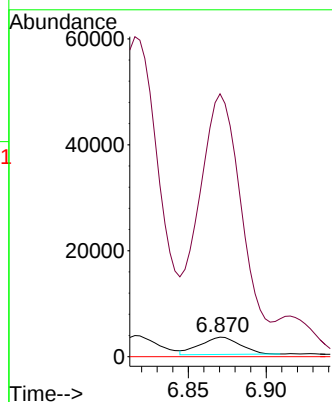
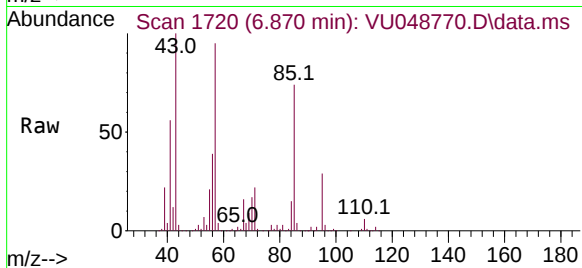




#46
Dibromomethane
Concen: 2.288 ug/l
RT: 6.870 min Scan# 11
Delta R.T. -0.048 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

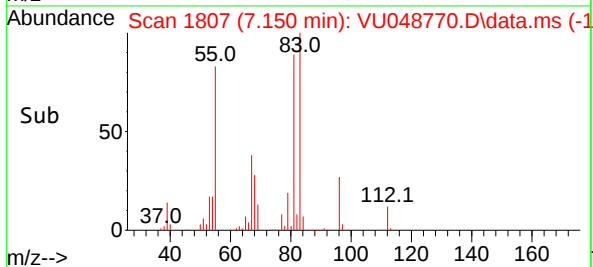
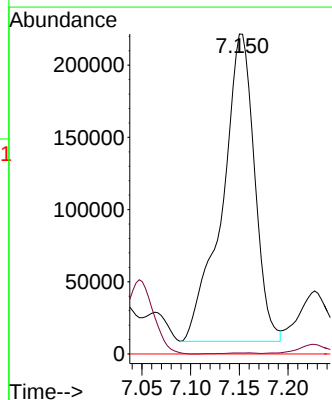
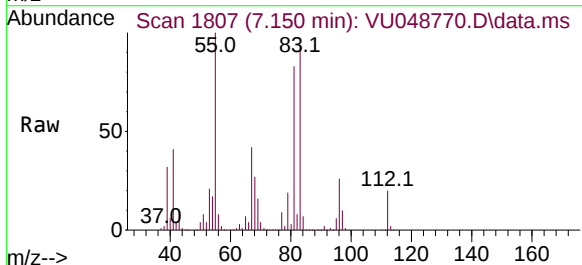
Instrument :
MSVOA_U
ClientSampleId :
SS-2

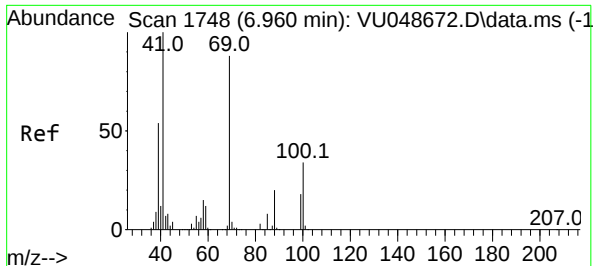
Tgt Ion: 93 Resp: 5812
Ion Ratio Lower Upper
93 100
95 1329.2 65.1 97.7#
174 0.0 77.8 116.6#



#47
Bromodichloromethane
Concen: 95.936 ug/l
RT: 7.150 min Scan# 1807
Delta R.T. 0.045 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 83 Resp: 492900
Ion Ratio Lower Upper
83 100
85 0.0 52.1 78.1#
127 0.0 6.9 10.3#





#48

Methyl methacrylate

Concen: 184.939 ug/l

RT: 6.973 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

SS-2

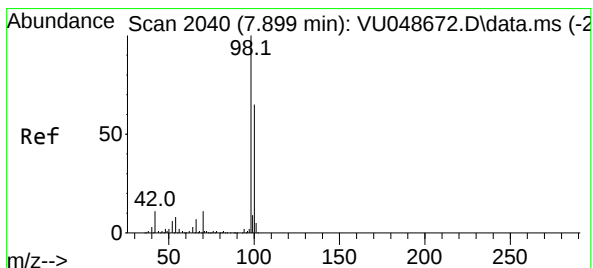
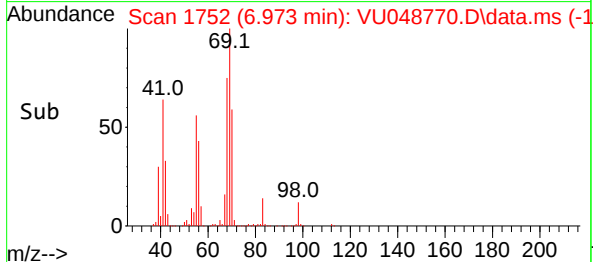
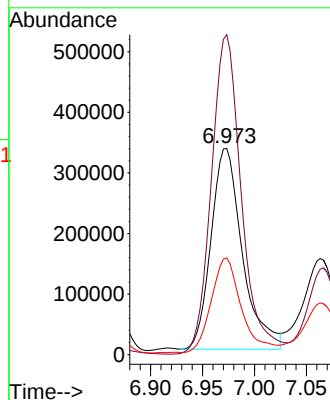
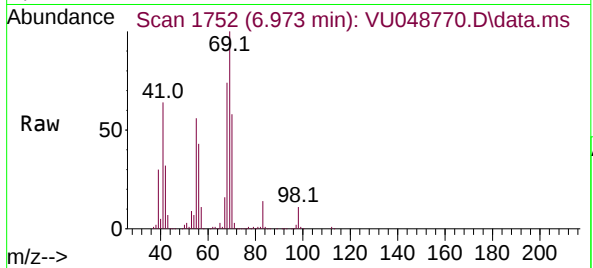
Tgt Ion: 41 Resp: 696981

Ion Ratio Lower Upper

41 100

69 152.5 70.7 106.1#

39 45.0 43.4 65.2



#50

Toluene-d8

Concen: 55.048 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048770.D

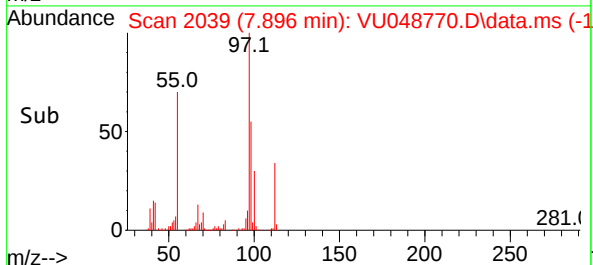
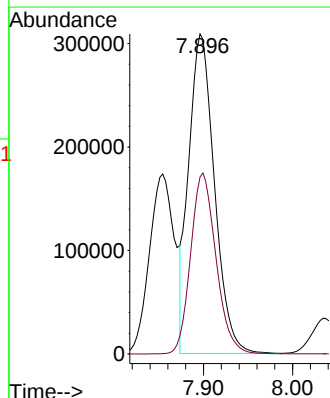
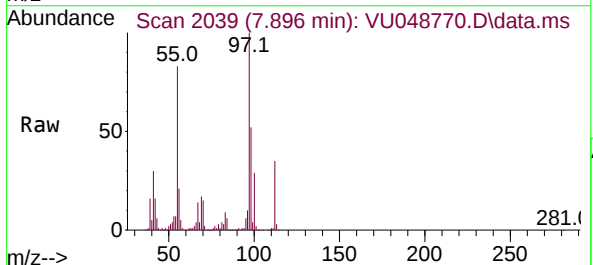
Acq: 01 Jun 2022 04:33

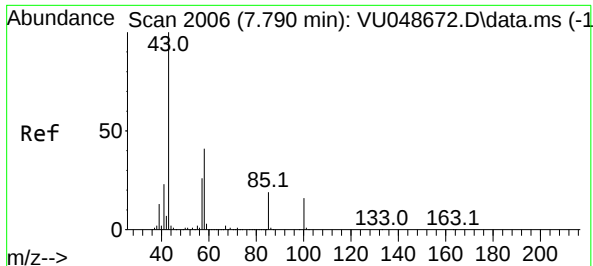
Tgt Ion: 98 Resp: 618595

Ion Ratio Lower Upper

98 100

100 56.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 82.367 ug/l

RT: 7.854 min Scan# 2006

Delta R.T. 0.064 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

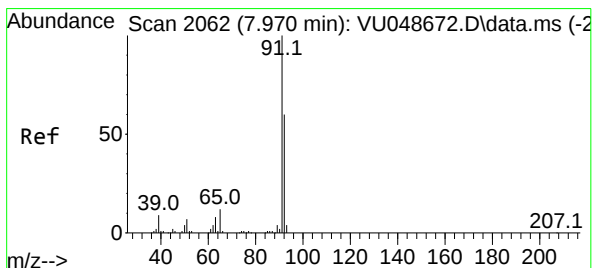
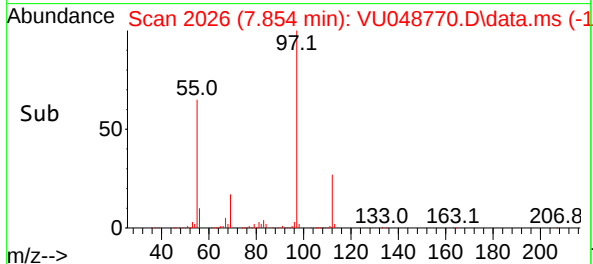
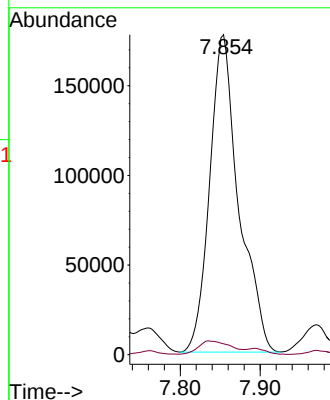
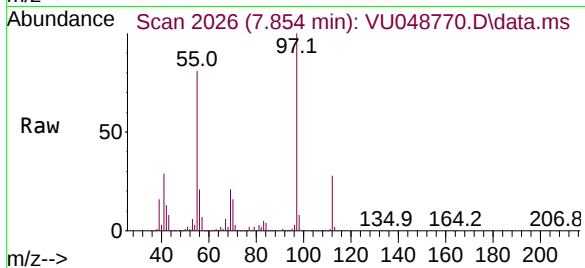
SS-2

Tgt Ion: 43 Resp: 448987

Ion Ratio Lower Upper

43 100

58 4.6 32.7 49.1#



#52

Toluene

Concen: 47.120 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048770.D

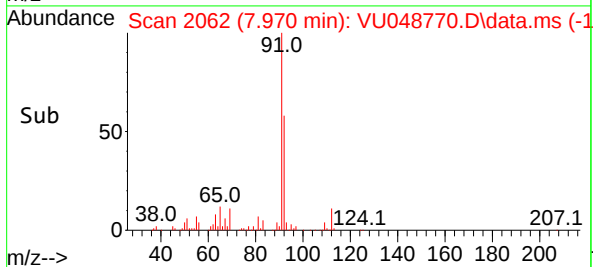
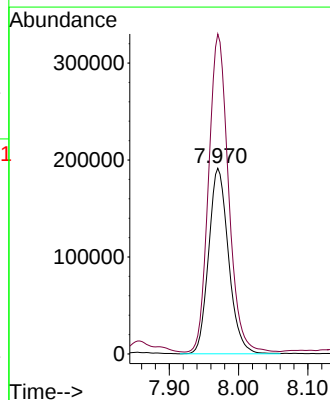
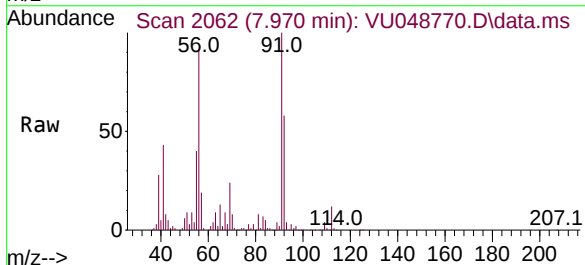
Acq: 01 Jun 2022 04:33

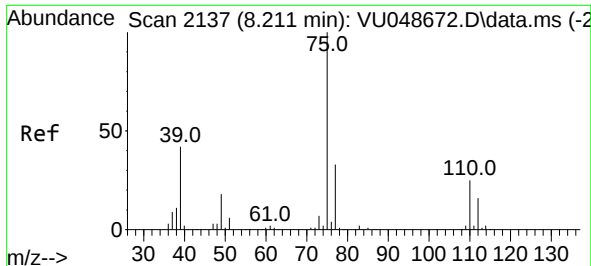
Tgt Ion: 92 Resp: 380708

Ion Ratio Lower Upper

92 100

91 170.7 135.0 202.4

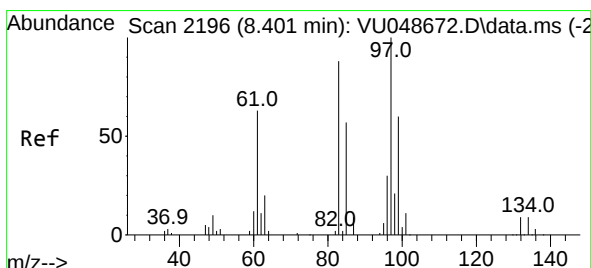
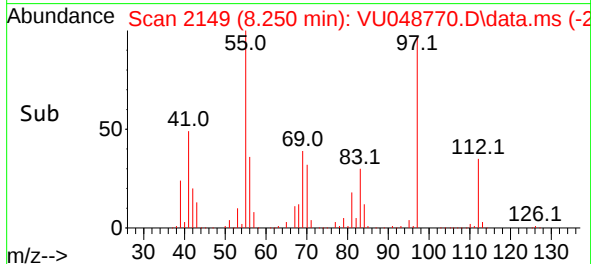
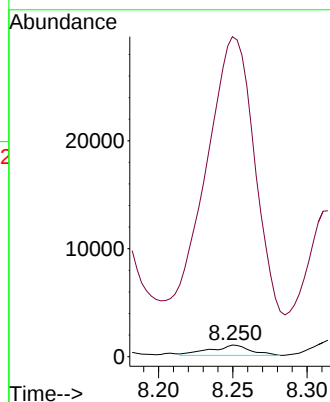
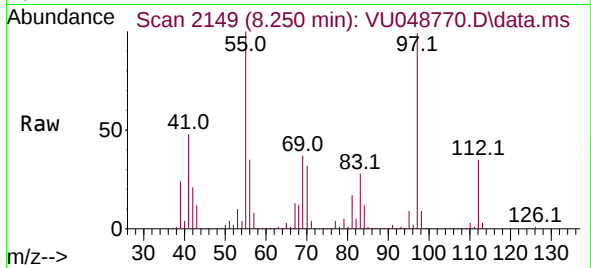




#53
t-1,3-Dichloropropene
Concen: 0.325 ug/l
RT: 8.250 min Scan# 2137
Delta R.T. 0.039 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

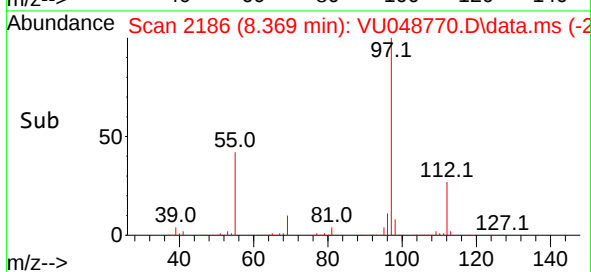
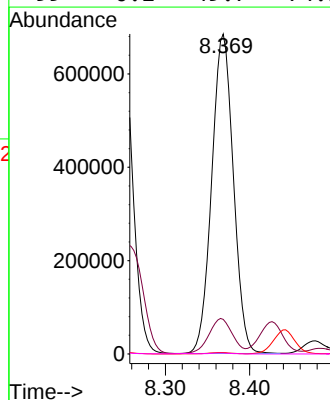
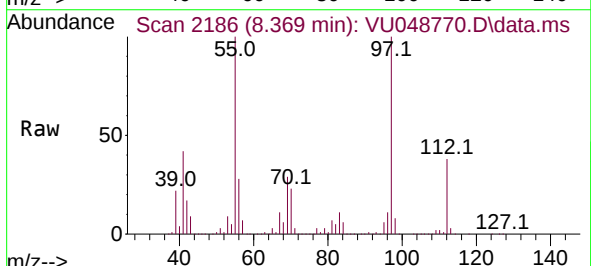
Instrument :
MSVOA_U
ClientSampleId :
SS-2

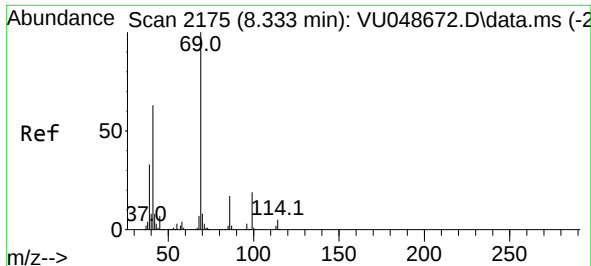
Tgt Ion: 75 Resp: 1799
Ion Ratio Lower Upper
75 100
77 2648.3 26.2 39.4#



#55
1,1,2-Trichloroethane
Concen: 341.929 ug/l
RT: 8.369 min Scan# 2186
Delta R.T. -0.032 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 97 Resp: 1219261
Ion Ratio Lower Upper
97 100
83 10.6 70.2 105.4#
85 0.4 45.6 68.4#
99 0.2 49.7 74.5#

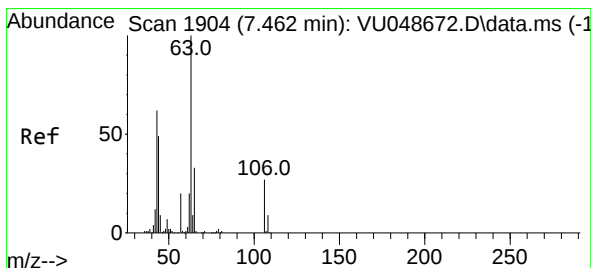
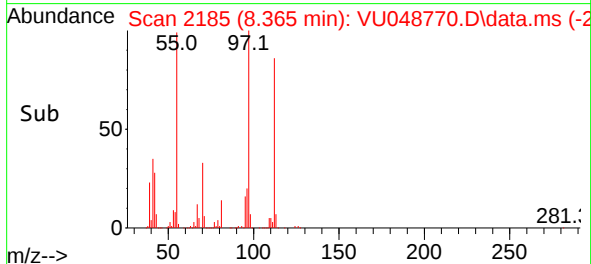
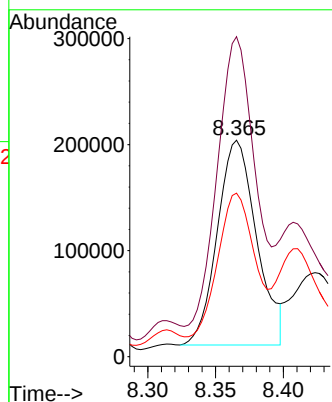
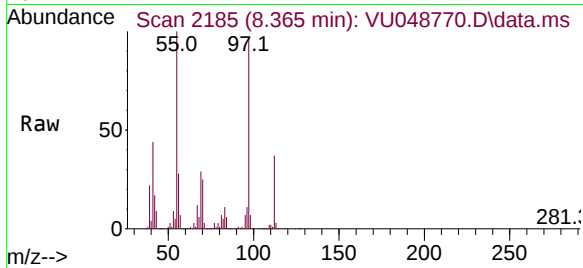




#56
 Ethyl methacrylate
 Concen: 68.099 ug/l
 RT: 8.365 min Scan# 2175
 Delta R.T. 0.032 min
 Lab File: VU048770.D
 Acq: 01 Jun 2022 04:33

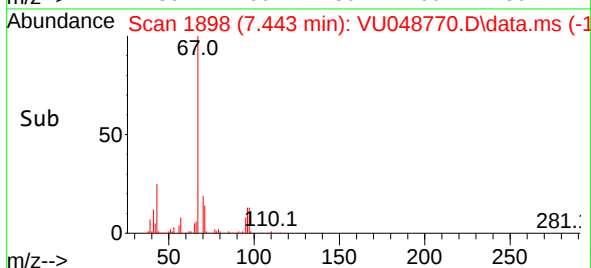
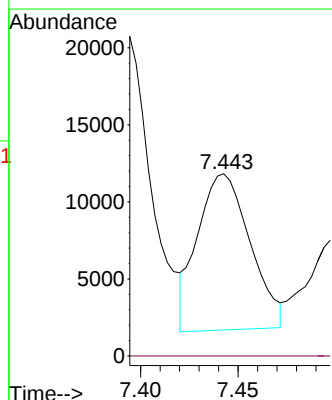
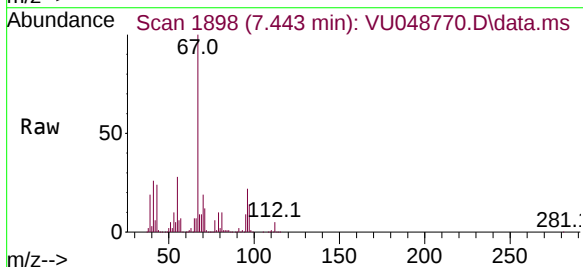
Instrument :
 MSVOA_U
 ClientSampleId :
 SS-2

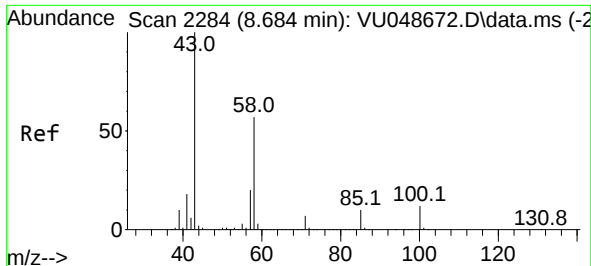
Tgt Ion: 69 Resp: 389345
 Ion Ratio Lower Upper
 69 100
 41 133.7 50.6 76.0#
 39 64.3 26.6 40.0#



#58
 2-Chloroethyl Vinyl ether
 Concen: 42.922 ug/l
 RT: 7.443 min Scan# 1898
 Delta R.T. -0.019 min
 Lab File: VU048770.D
 Acq: 01 Jun 2022 04:33

Tgt Ion: 63 Resp: 19039
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.2 33.2#

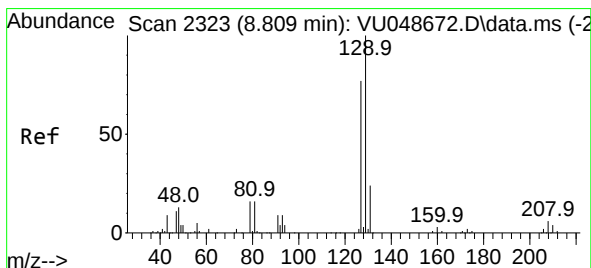
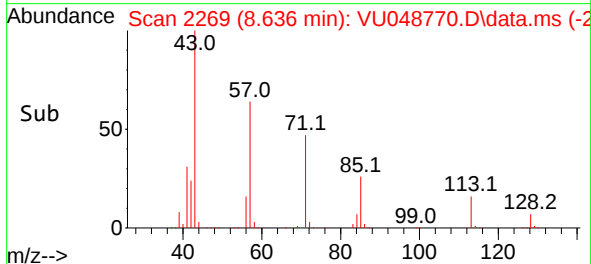
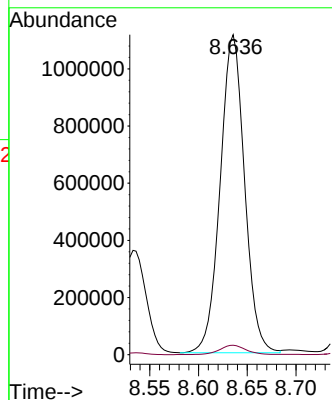
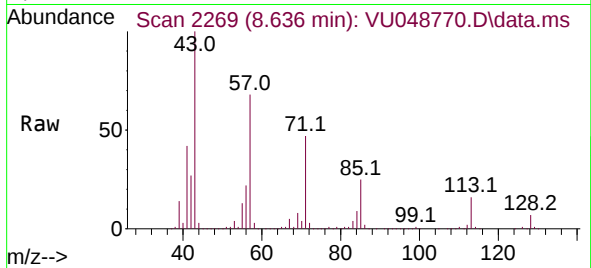




#59
2-Hexanone
Concen: 433.384 ug/l
RT: 8.636 min Scan# 210
Delta R.T. -0.048 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

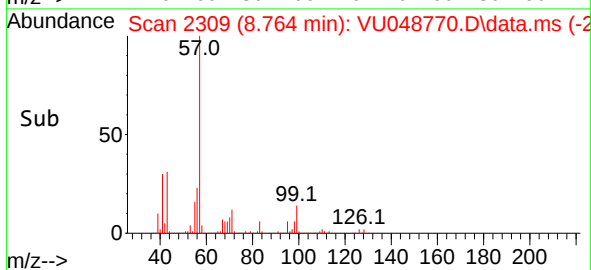
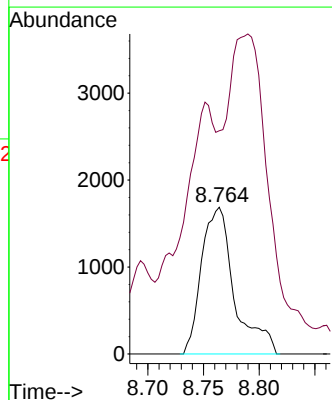
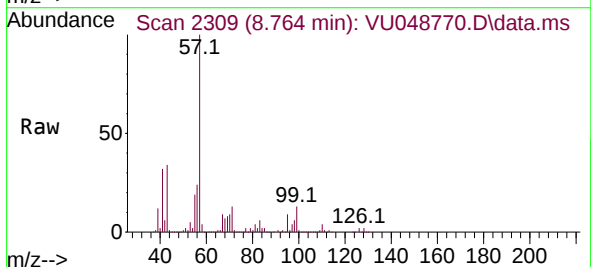
Instrument :
MSVOA_U
ClientSampleId :
SS-2

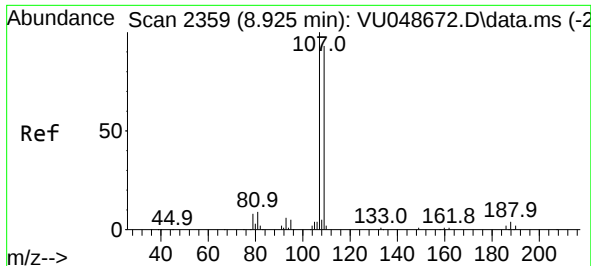
Tgt Ion: 43 Resp: 1939473
Ion Ratio Lower Upper
43 100
58 3.2 28.2 84.6#



#60
Dibromochloromethane
Concen: 0.869 ug/l
RT: 8.764 min Scan# 2309
Delta R.T. -0.045 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 129 Resp: 3475
Ion Ratio Lower Upper
129 100
127 161.9 38.5 115.3#

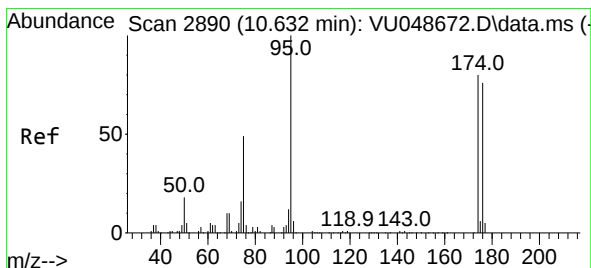
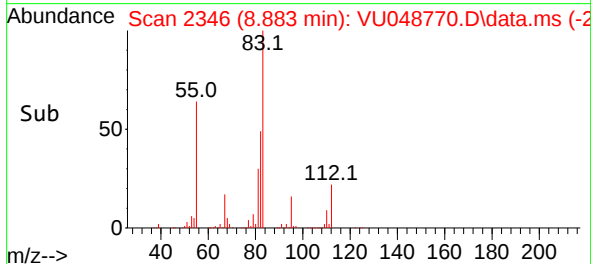
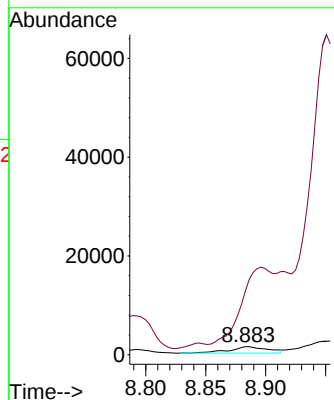
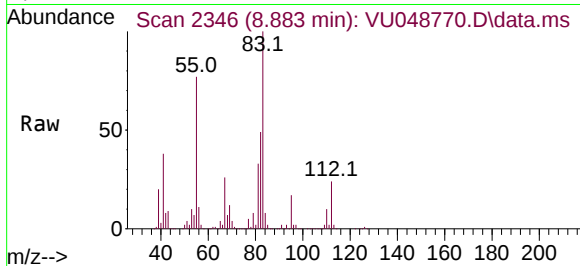




#61
1,2-Dibromoethane
Concen: 0.736 ug/l
RT: 8.883 min Scan# 21
Delta R.T. -0.042 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

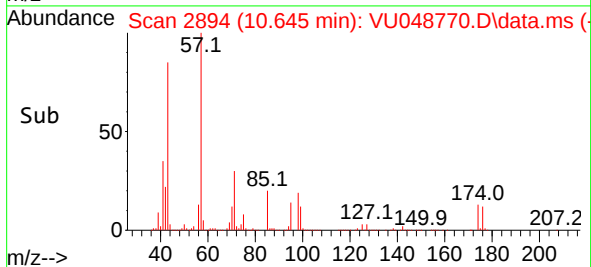
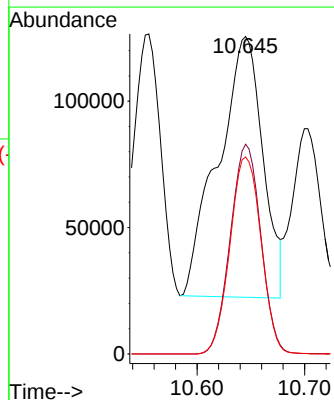
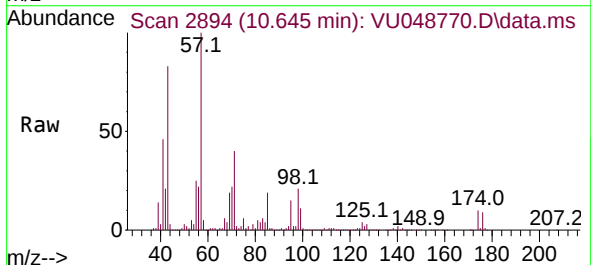
Instrument :
MSVOA_U
ClientSampleId :
SS-2

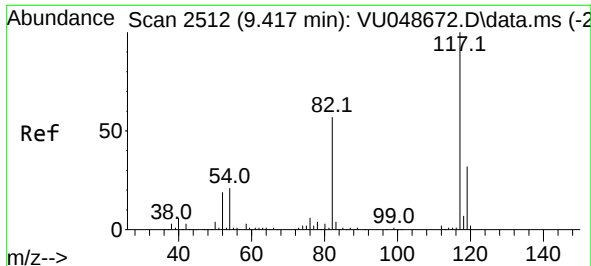
Tgt Ion:107 Resp: 2892
Ion Ratio Lower Upper
107 100
109 1029.8 75.7 113.5#



#62
4-Bromofluorobenzene
Concen: 70.158 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.013 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 95 Resp: 298164
Ion Ratio Lower Upper
95 100
174 55.0 0.0 159.4
176 52.5 0.0 152.4

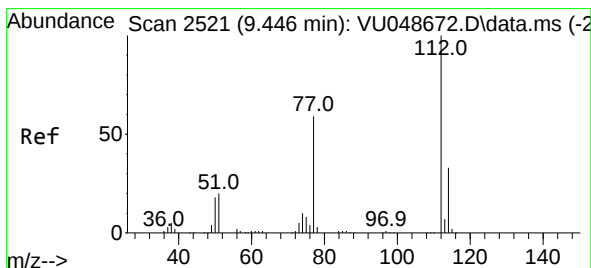
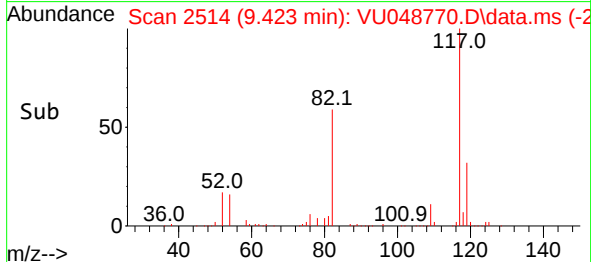
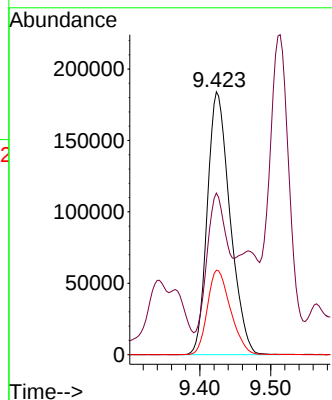
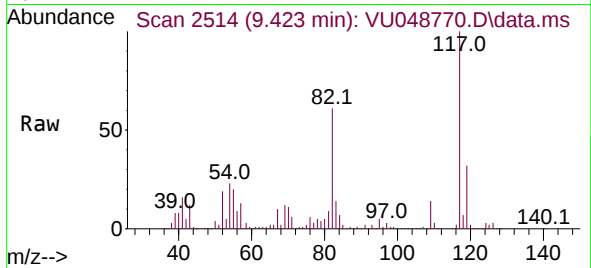




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2512
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

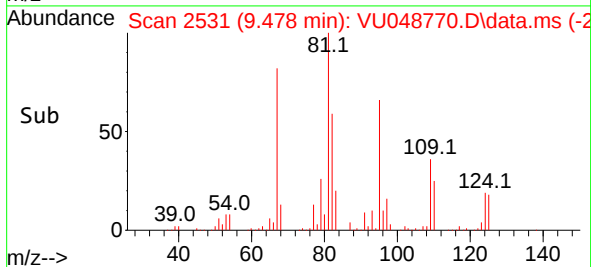
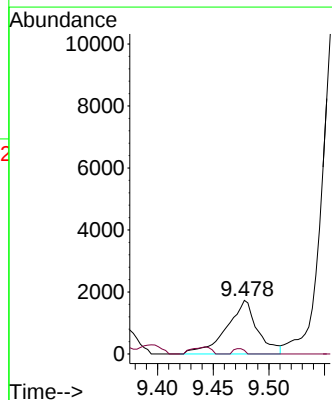
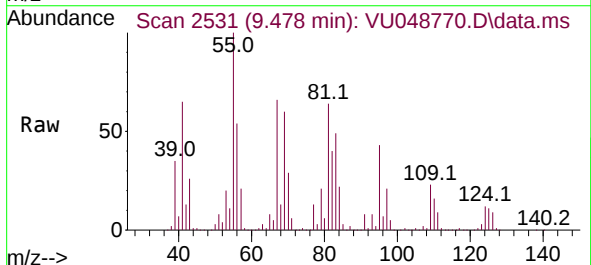
Instrument :
MSVOA_U
ClientSampleId :
SS-2

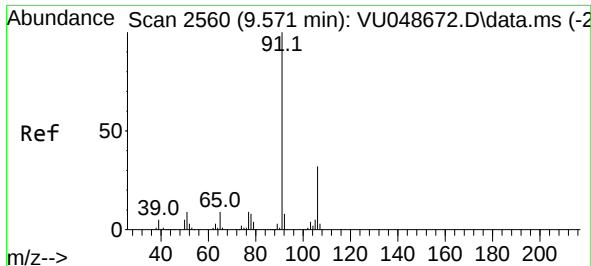
Tgt Ion:117 Resp: 410171
Ion Ratio Lower Upper
117 100
82 39.0 45.3 67.9#
119 32.1 25.4 38.2



#65
Chlorobenzene
Concen: 0.384 ug/l
RT: 9.478 min Scan# 2531
Delta R.T. 0.032 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion:112 Resp: 3329
Ion Ratio Lower Upper
112 100
114 6.9 26.3 39.5#





#67

Ethyl Benzene

Concen: 625.932 ug/l

RT: 9.578 min Scan# 2

Delta R.T. 0.006 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

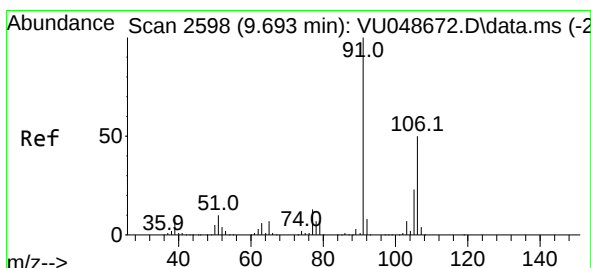
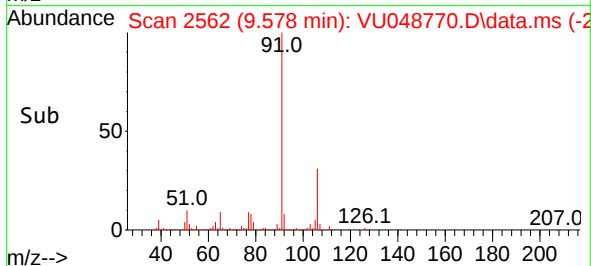
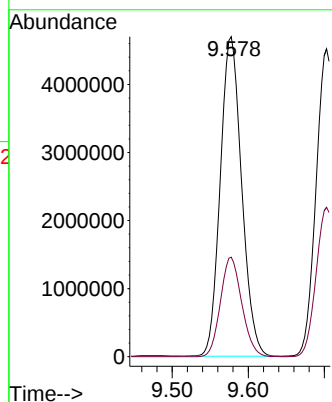
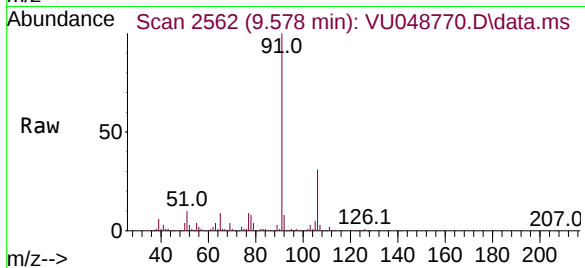
SS-2

Tgt Ion: 91 Resp: 9158348

Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.2



#68

m/p-Xylenes

Concen: 749.216 ug/l

RT: 9.703 min Scan# 2601

Delta R.T. 0.010 min

Lab File: VU048770.D

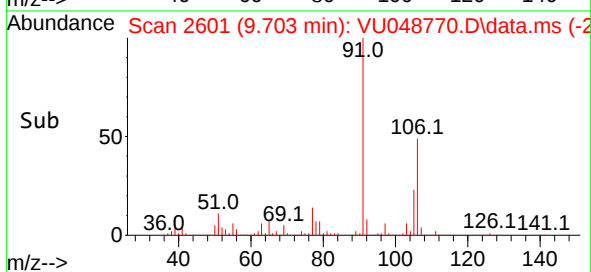
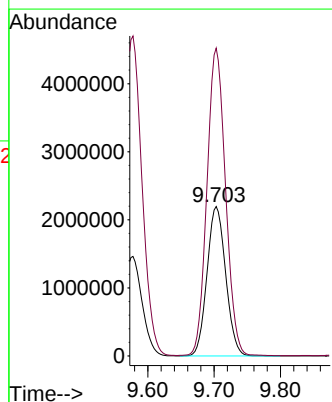
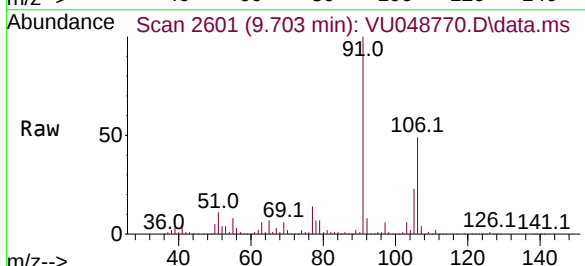
Acq: 01 Jun 2022 04:33

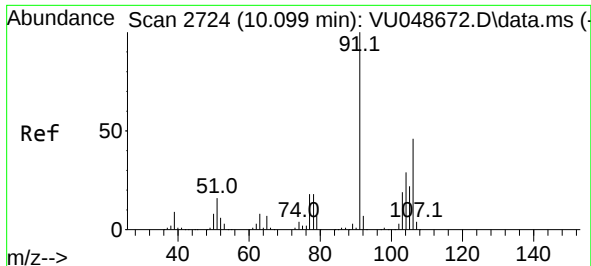
Tgt Ion:106 Resp: 4287427

Ion Ratio Lower Upper

106 100

91 205.0 162.4 243.6

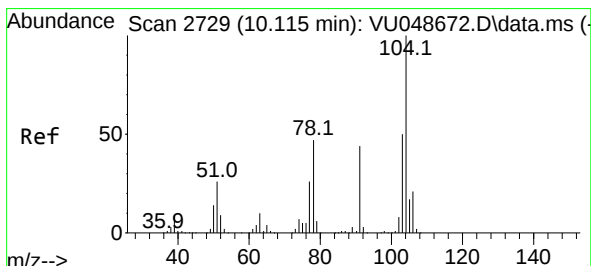
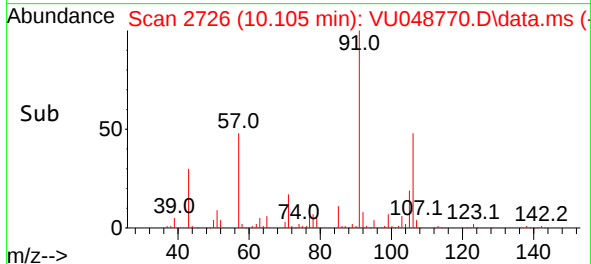
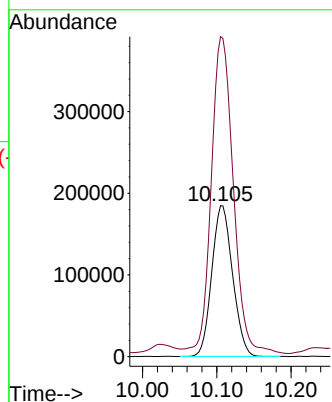
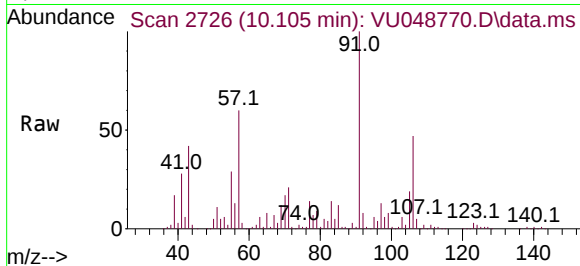




#69
o-Xylene
Concen: 63.732 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

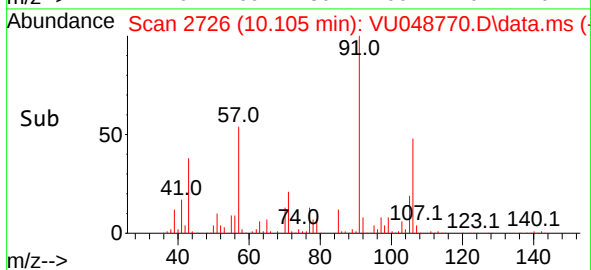
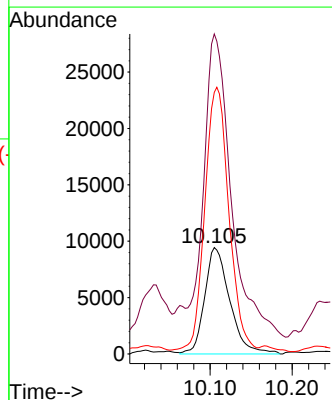
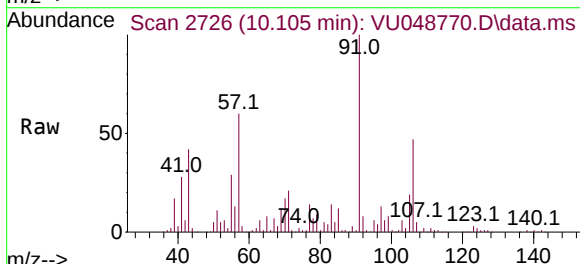
Instrument :
MSVOA_U
ClientSampleId :
SS-2

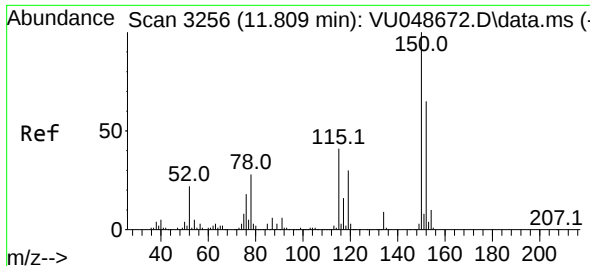
Tgt Ion:106 Resp: 358313
Ion Ratio Lower Upper
106 100
91 222.5 107.7 323.3



#70
Styrene
Concen: 2.173 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.010 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion:104 Resp: 20096
Ion Ratio Lower Upper
104 100
78 310.5 41.2 61.8#
103 235.3 43.4 65.2#

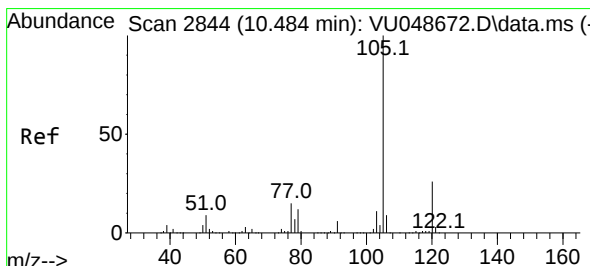
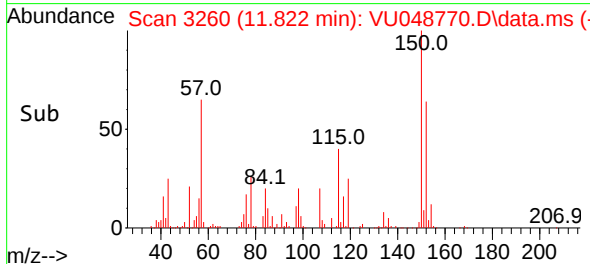
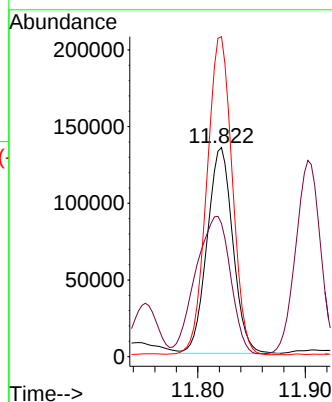
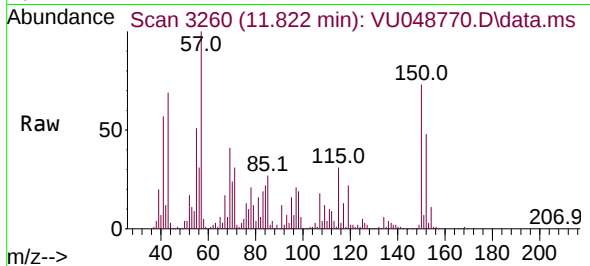




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.822 min Scan# 31
Delta R.T. 0.013 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

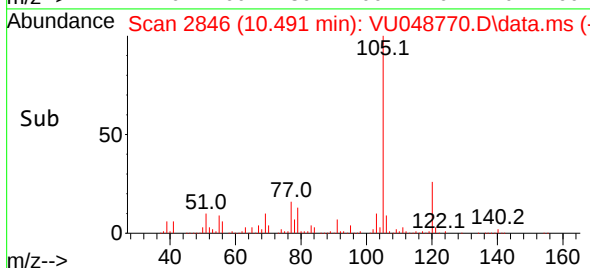
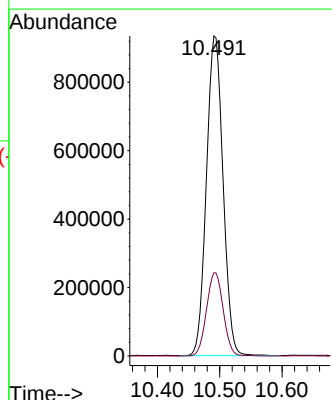
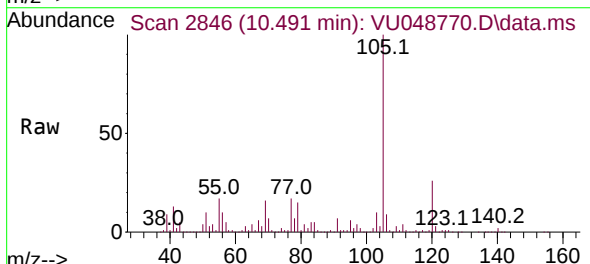
Instrument :
MSVOA_U
ClientSampleId :
SS-2

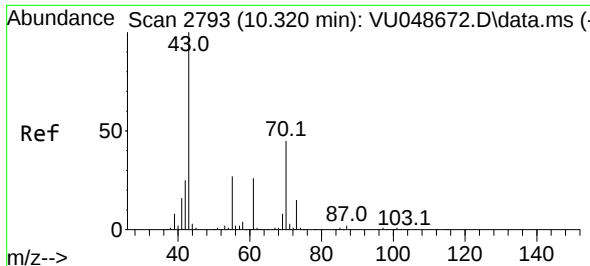
Tgt Ion:152 Resp: 222531
Ion Ratio Lower Upper
152 100
115 92.7 41.8 125.4
150 153.1 0.0 341.0



#73
Isopropylbenzene
Concen: 120.388 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion:105 Resp: 1729559
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



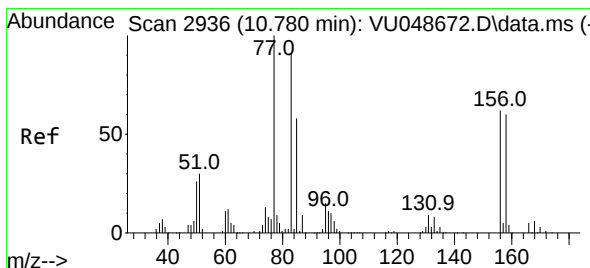
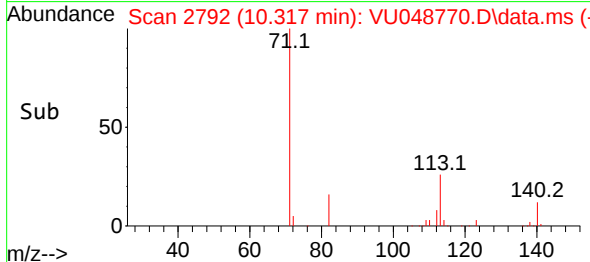
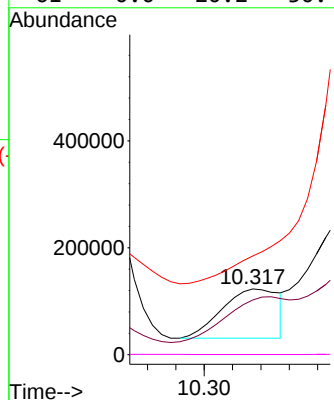
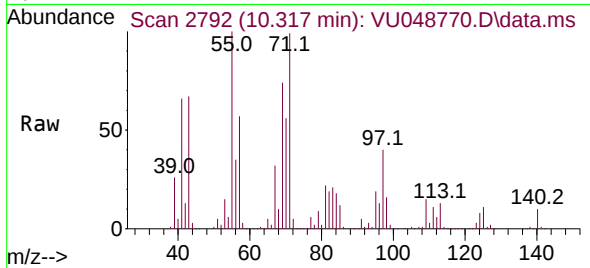


#74
N-amy1 acetate
Concen: 19.337 ug/l
RT: 10.317 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Instrument :
MSVOA_U
ClientSampleId :
SS-2

Tgt Ion: 43 Resp: 129072

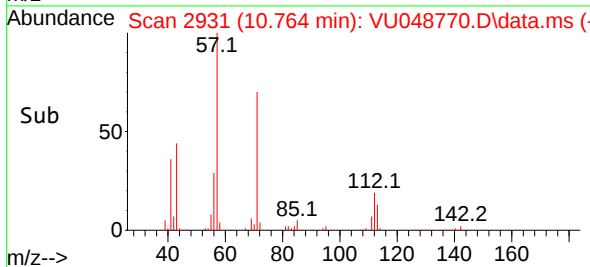
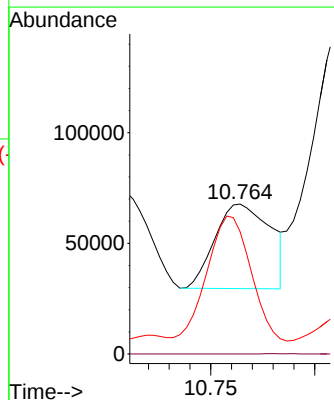
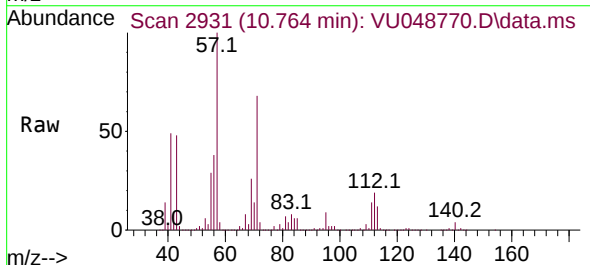
Ion	Ratio	Lower	Upper
43	100		
70	99.7	35.8	53.6#
55	0.0	21.1	31.7#
61	0.0	20.2	30.4#

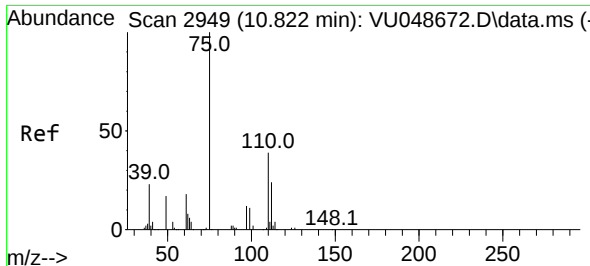


#75
1,1,2,2-Tetrachloroethane
Concen: 12.081 ug/l
RT: 10.764 min Scan# 2931
Delta R.T. -0.016 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 83 Resp: 70828

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.2	15.6#
85	115.7	32.5	97.4#

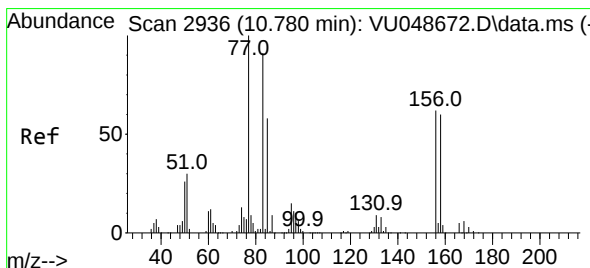
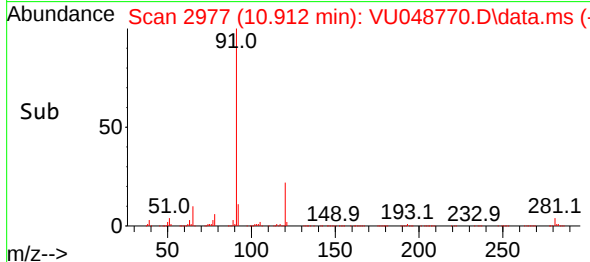
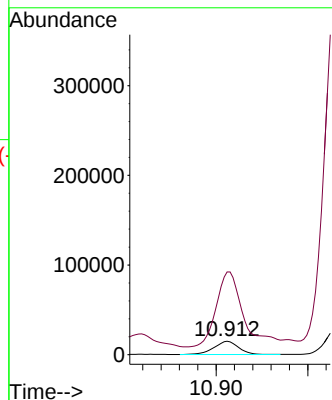
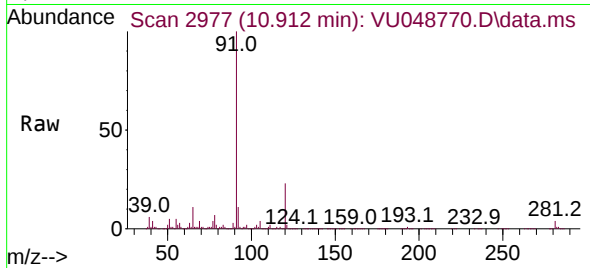




#76
1,2,3-Trichloropropane
Concen: 3.867 ug/l
RT: 10.912 min Scan# 2949
Delta R.T. 0.090 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

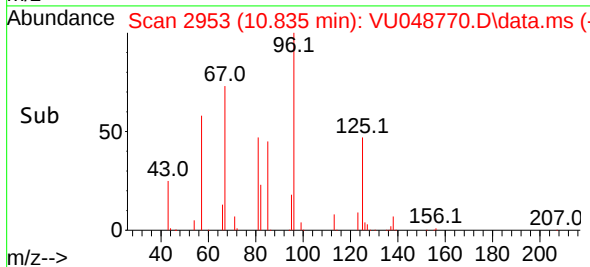
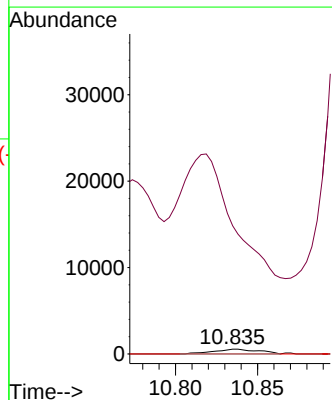
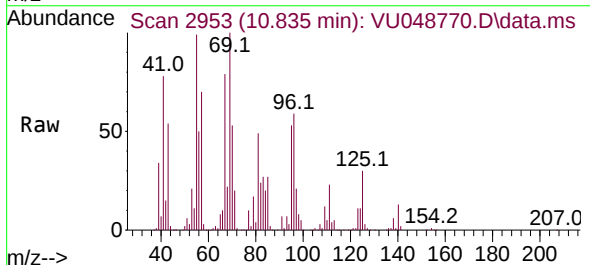
Instrument :
MSVOA_U
ClientSampleId :
SS-2

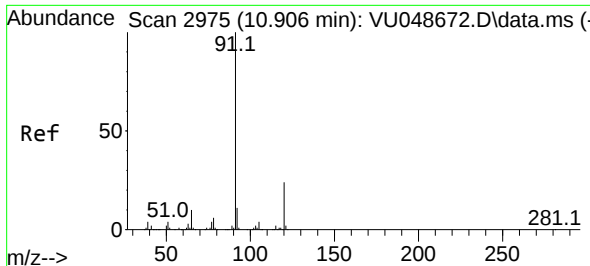
Tgt Ion: 75 Resp: 27748
Ion Ratio Lower Upper
75 100
77 625.8 14.8 44.3#



#77
Bromobenzene
Concen: 0.274 ug/l
RT: 10.835 min Scan# 2953
Delta R.T. 0.055 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion:156 Resp: 1058
Ion Ratio Lower Upper
156 100
77 2983.8 81.1 243.3#
158 0.0 48.8 146.4#

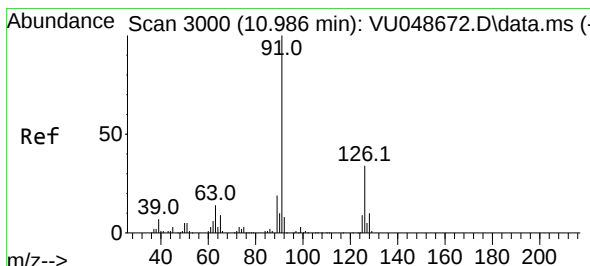
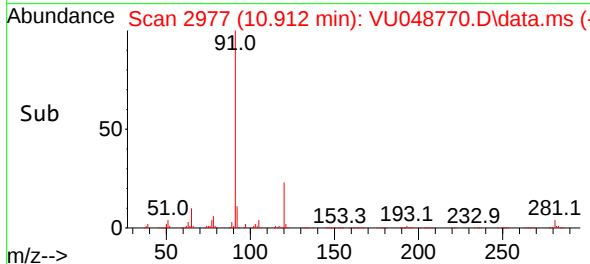
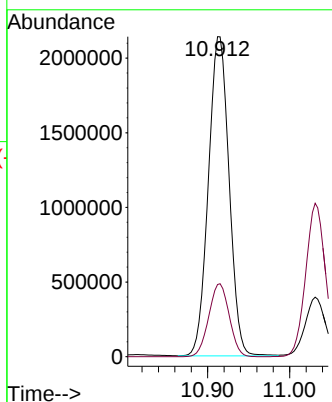
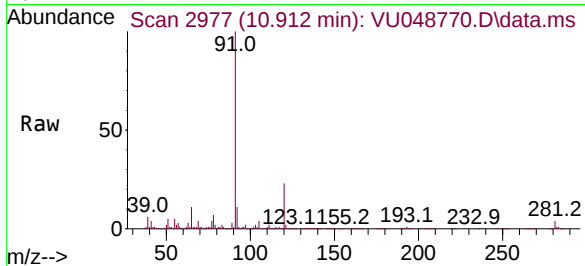




#78
n-propylbenzene
Concen: 218.611 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

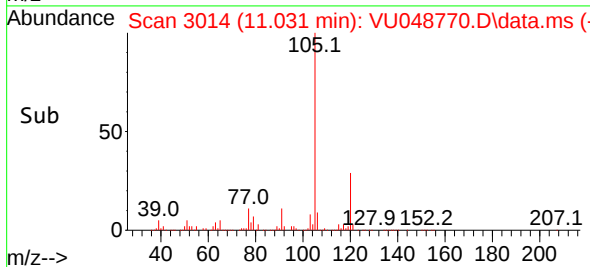
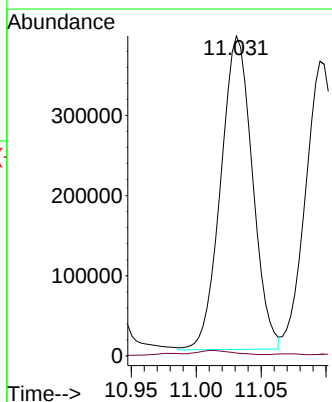
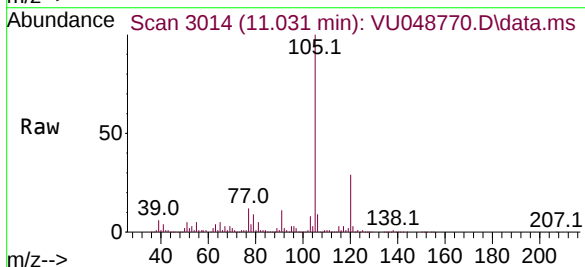
Instrument :
MSVOA_U
ClientSampleId :
SS-2

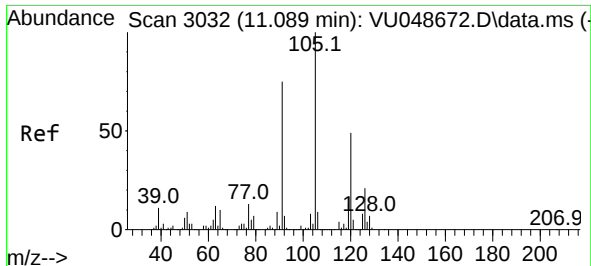
Tgt Ion: 91 Resp: 3742385
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7



#79
2-Chlorotoluene
Concen: 62.316 ug/l
RT: 11.031 min Scan# 3014
Delta R.T. 0.045 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 91 Resp: 663401
Ion Ratio Lower Upper
91 100
126 2.1 16.7 50.0#

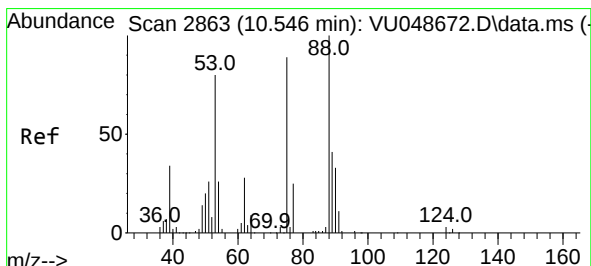
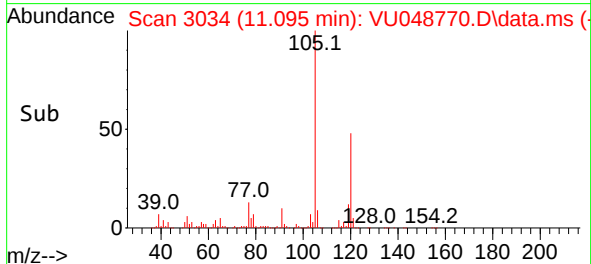
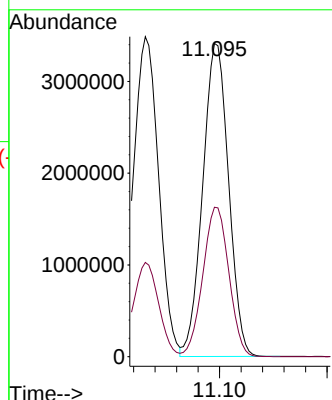
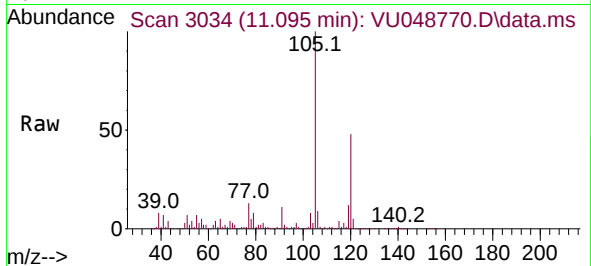




#80
1,3,5-Trimethylbenzene
Concen: 455.840 ug/l
RT: 11.095 min Scan# 3032
Delta R.T. 0.006 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

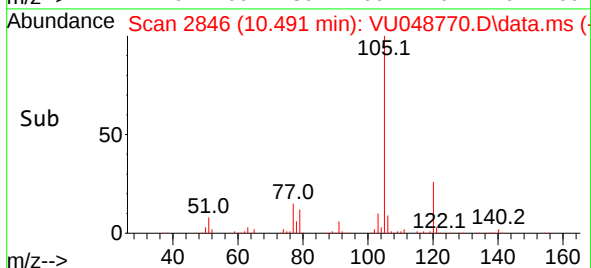
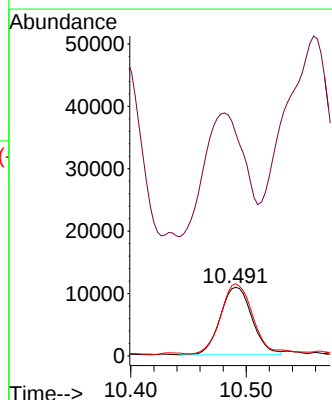
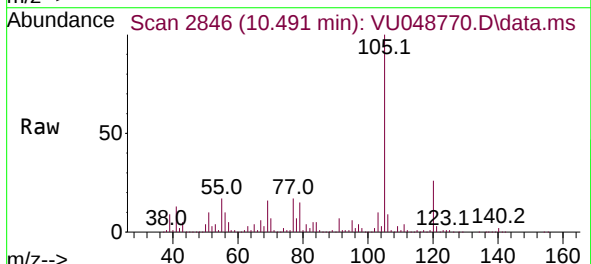
Instrument :
MSVOA_U
ClientSampleId :
SS-2

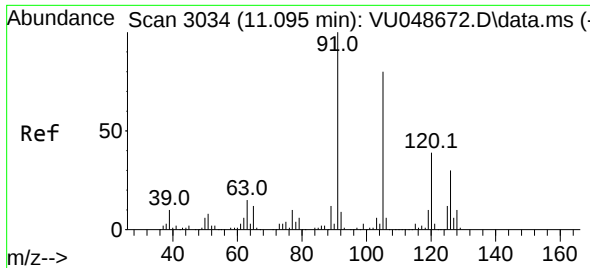
Tgt Ion:105 Resp: 5695057
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 10.506 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.055 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 75 Resp: 20761
Ion Ratio Lower Upper
75 100
53 228.4 72.5 108.7#
89 107.5 37.0 55.4#

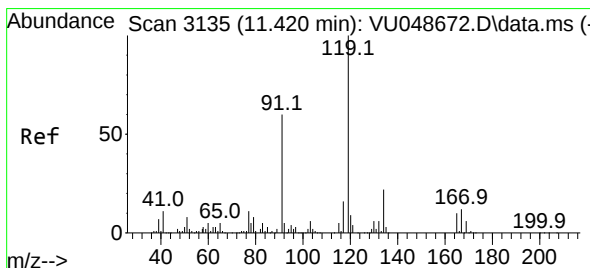
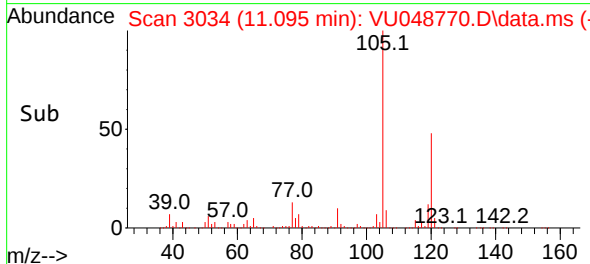
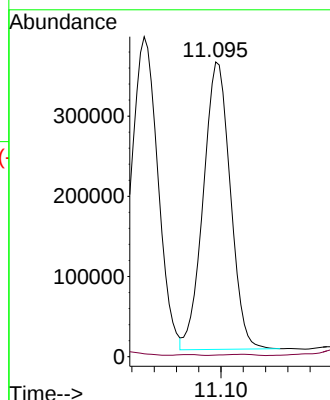
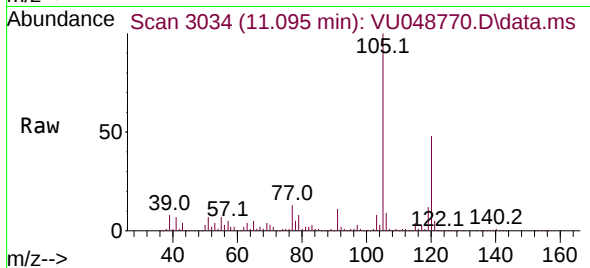




#82
4-Chlorotoluene
Concen: 49.151 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

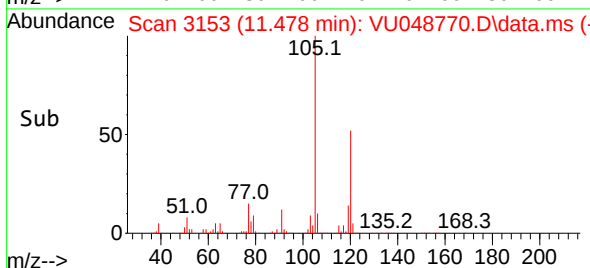
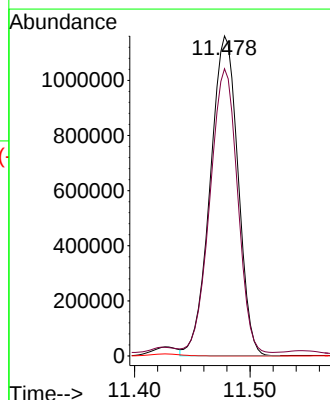
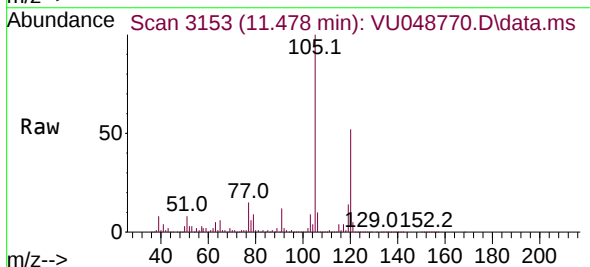
Instrument :
MSVOA_U
ClientSampleId :
SS-2

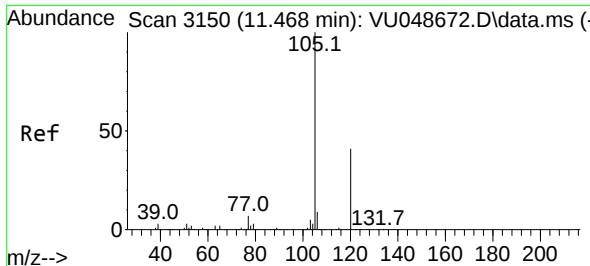
Tgt Ion: 91 Resp: 603714
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#



#83
tert-Butylbenzene
Concen: 161.866 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.058 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion: 119 Resp: 1940905
Ion Ratio Lower Upper
119 100
91 87.4 28.7 86.1#
134 0.0 10.8 32.4#

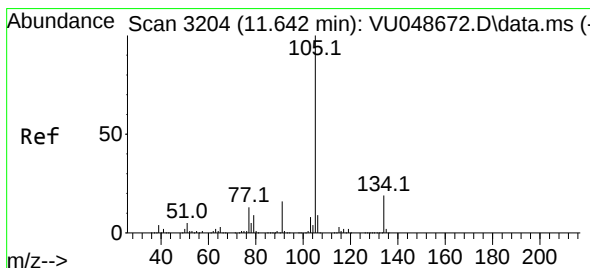
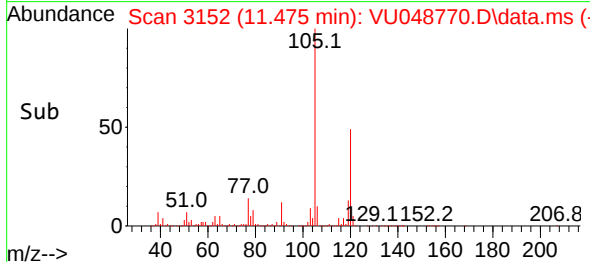
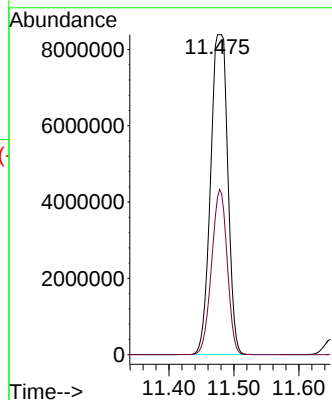
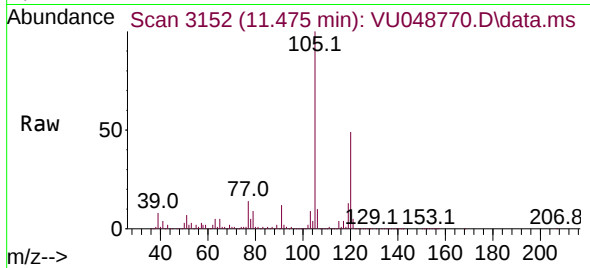




#84
1,2,4-Trimethylbenzene
Concen: 1123.675 ug/l
RT: 11.475 min Scan# 3150
Delta R.T. 0.007 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

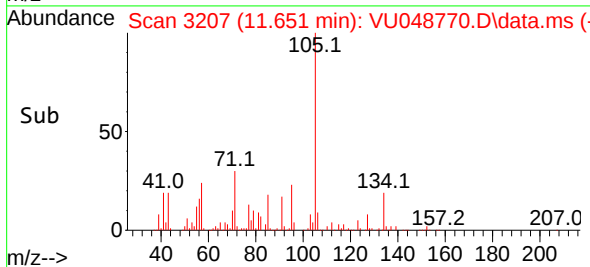
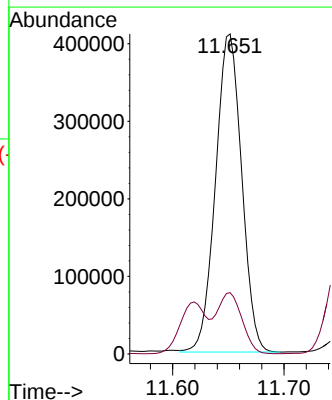
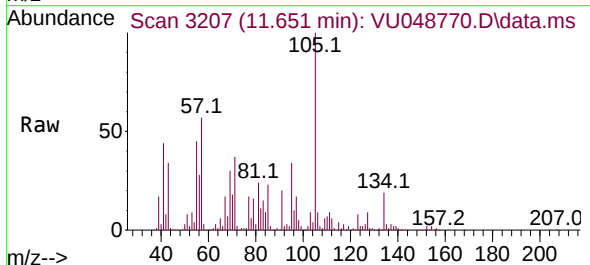
Instrument :
MSVOA_U
ClientSampleId :
SS-2

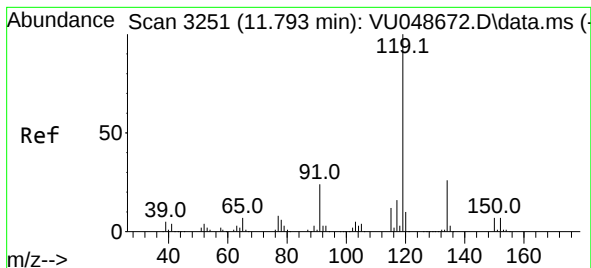
Tgt Ion:105 Resp:15481348
Ion Ratio Lower Upper
105 100
120 46.6 22.5 67.5



#85
sec-Butylbenzene
Concen: 44.562 ug/l
RT: 11.651 min Scan# 3207
Delta R.T. 0.010 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

Tgt Ion:105 Resp: 668469
Ion Ratio Lower Upper
105 100
134 17.6 9.6 28.6





#86

p-Isopropyltoluene

Concen: 71.846 ug/l

RT: 11.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

Instrument :

MSVOA_U

ClientSampleId :

SS-2

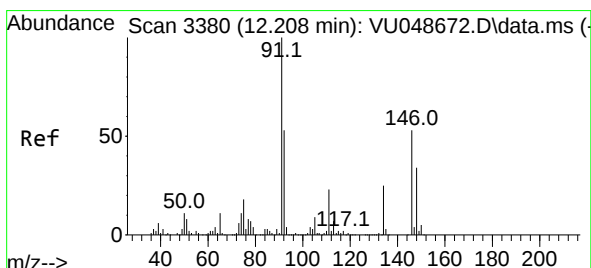
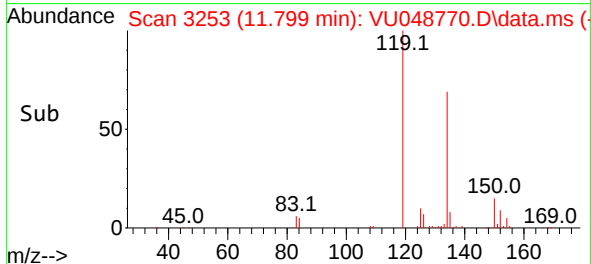
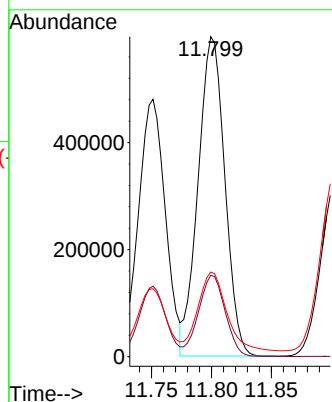
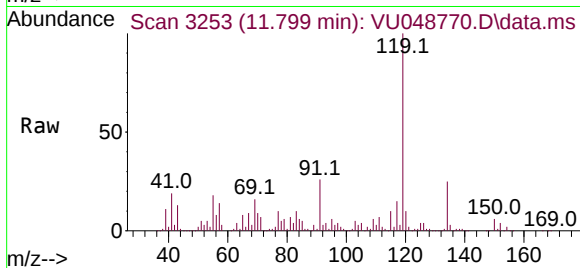
Tgt Ion:119 Resp: 925530

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 26.9 12.0 36.0



#89

n-Butylbenzene

Concen: 144.446 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. -0.003 min

Lab File: VU048770.D

Acq: 01 Jun 2022 04:33

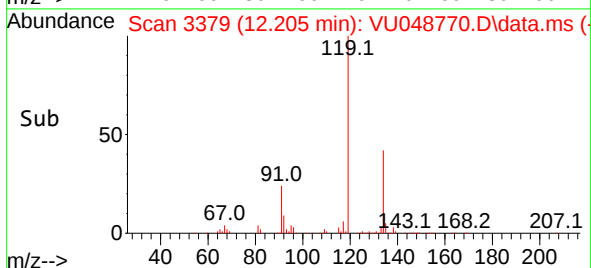
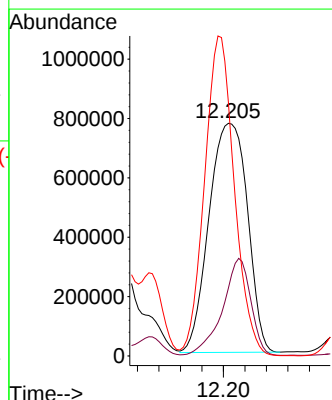
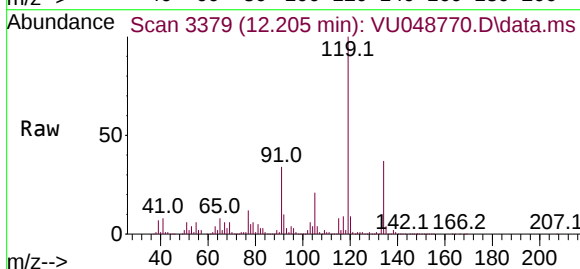
Tgt Ion: 91 Resp: 1918225

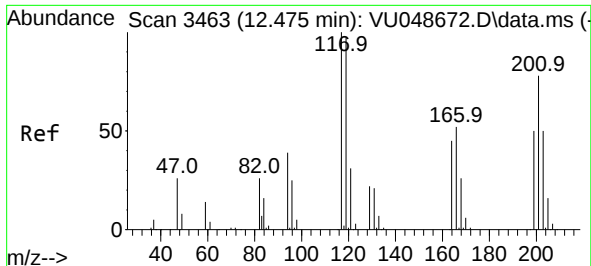
Ion Ratio Lower Upper

91 100

92 31.1 25.9 77.8

134 108.0 12.5 37.5#

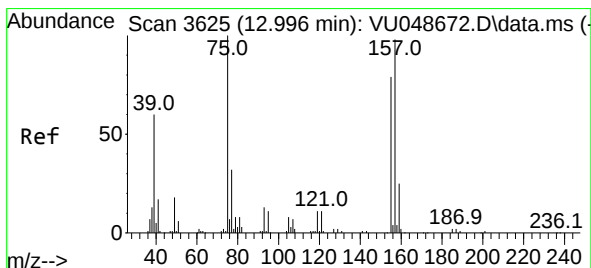
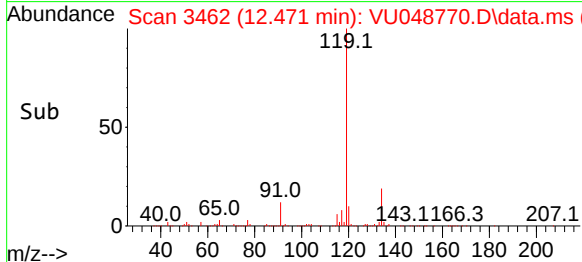
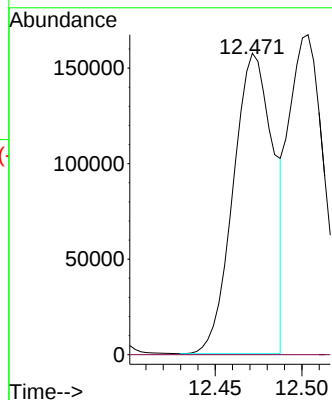
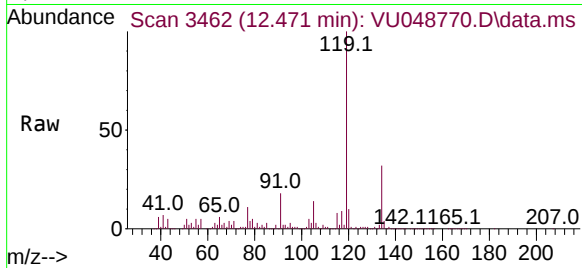




#90
Hexachloroethane
Concen: 96.755 ug/l
RT: 12.471 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

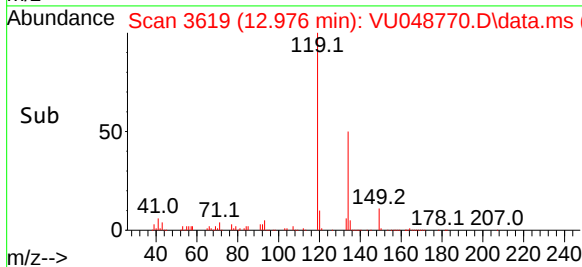
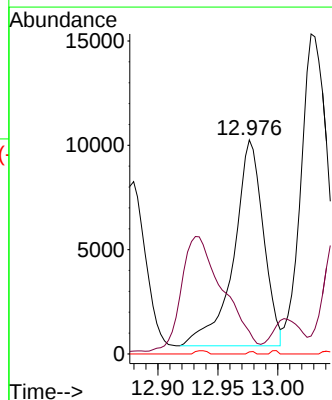
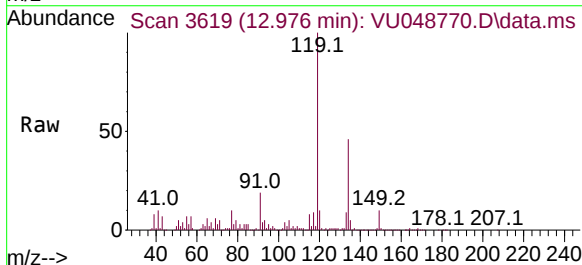
Instrument :
MSVOA_U
ClientSampleId :
SS-2

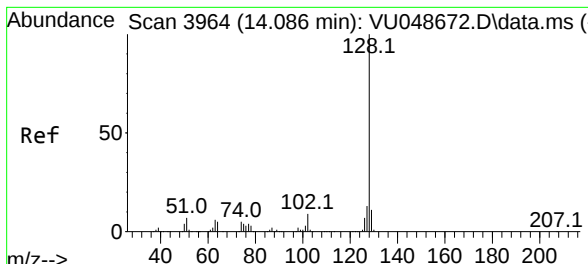
Tgt Ion:117 Resp: 254377
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.093 ug/l
RT: 12.976 min Scan# 3619
Delta R.T. -0.019 min
Lab File: VU048770.D
Acq: 01 Jun 2022 04:33

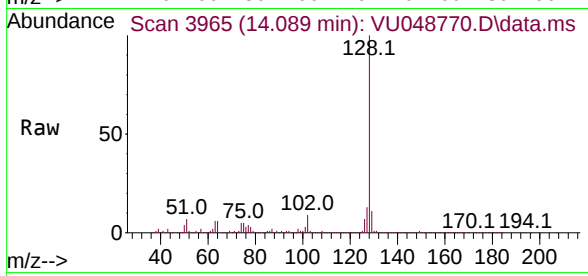
Tgt Ion: 75 Resp: 17037
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.8#
157 0.2 50.0 150.0#





#95
 Naphthalene
 Concen: 269.106 ug/l
 RT: 14.089 min Scan# 3965
 Delta R.T. 0.003 min
 Lab File: VU048770.D
 Acq: 01 Jun 2022 04:33

Instrument :
 MSVOA_U
 ClientSampleId :
 SS-2



Tgt Ion:128 Resp: 4918480

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.7	8.7	13.1

