

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048771.D
 Acq On : 01 Jun 2022 04:57
 Operator : SY/MD
 Sample : N3075-03 20X
 Misc : 6.11g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS-3

Quant Time: Jun 01 05:48:32 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	5.363	168	293553	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.244	114	493879	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	461318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	234327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	201722	45.756	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.520%		
35) Dibromofluoromethane	5.295	113	155684	44.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.380%		
50) Toluene-d8	7.896	98	641186	50.766	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.540%		
62) 4-Bromofluorobenzene	10.639	95	291663	61.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	122.120%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.511	50	1291	0.298	ug/l #	81
5) Bromomethane	1.819	94	716	Below Cal	#	69
6) Chloroethane	1.945	64	237	Below Cal	#	50
8) Diethyl Ether	2.376	74	427	0.202	ug/l #	2
10) Methyl Iodide	2.716	142	67	3.018	ug/l #	37
11) Tert butyl alcohol	3.166	59	17641	15.783	ug/l #	28
13) Acrolein	2.507	56	7127	15.252	ug/l #	66
14) Allyl chloride	3.012	41	303398	52.429	ug/l #	64
15) Acrylonitrile	3.295	53	15814	6.524	ug/l #	40
16) Acetone	2.655	43	5658	2.518	ug/l #	88
18) Methyl Acetate	3.012	43	815809	144.622	ug/l #	51
20) Methylene Chloride	3.022	84	4581	1.199	ug/l #	1
23) Vinyl Acetate	3.932	43	6962	0.753	ug/l #	72
24) 1,1-Dichloroethane	3.922	63	2550	0.380	ug/l #	84
25) 2-Butanone	4.739	43	1972	0.611	ug/l	94
27) cis-1,2-Dichloroethene	4.941	96	1111	0.281	ug/l #	1
28) Bromochloromethane	5.144	49	964	0.367	ug/l #	13
29) Tetrahydrofuran	5.092	42	6419	3.157	ug/l #	1
30) Chloroform	5.096	83	138485	20.645	ug/l #	29
31) Cyclohexane	5.356	56	825581	148.597	ug/l #	87
36) 1,1-Dichloropropene	5.359	75	25066	4.874	ug/l #	63
37) Ethyl Acetate	4.739	43	1972	0.303	ug/l #	68
38) Carbon Tetrachloride	5.356	117	29512	5.002	ug/l #	15
39) Methylcyclohexane	6.752	83	3088139	572.729	ug/l	100
40) Benzene	5.761	78	36743	2.420	ug/l	99
41) Methacrylonitrile	4.967	41	27553	8.387	ug/l #	48
43) Isopropyl Acetate	5.829	43	127629	13.526	ug/l #	60
45) 1,2-Dichloropropane	6.752	63	29848	7.809	ug/l #	1
47) Bromodichloromethane	7.150	83	234453	40.601	ug/l #	24
48) Methyl methacrylate	6.967	41	243447	57.473	ug/l #	51
51) 4-Methyl-2-Pentanone	7.848	43	240500	39.254	ug/l #	43
52) Toluene	7.970	92	14401	1.586	ug/l	96
53) t-1,3-Dichloropropene	8.240	75	1261	0.202	ug/l #	1
55) 1,1,2-Trichloroethane	8.366	97	689736	172.099	ug/l #	19
56) Ethyl methacrylate	8.362	69	216248	34.974	ug/l #	25
58) 2-Chloroethyl Vinyl ether	7.436	63	5640	33.227	ug/l #	47

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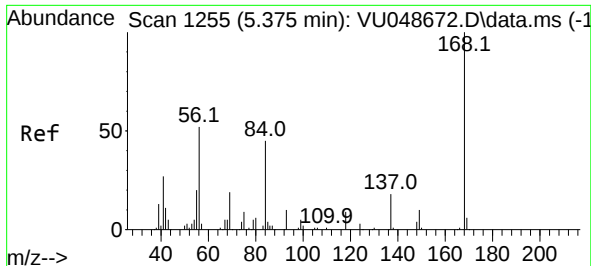
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	8.633	43	1365421	271.463	ug/l #	28
60) Dibromochloromethane	8.758	129	2796	0.622	ug/l	79
61) 1,2-Dibromoethane	8.948	107	2864	0.649	ug/l #	1
65) Chlorobenzene	9.478	112	2296	0.235	ug/l #	42
67) Ethyl Benzene	9.571	91	969594	58.920	ug/l	98
68) m/p-Xylenes	9.697	106	188336	29.262	ug/l	96
69) o-Xylene	10.102	106	48349	7.646	ug/l	79
70) Styrene	10.105	104	5092	0.490	ug/l #	1
73) Isopropylbenzene	10.488	105	749409	49.538	ug/l	100
74) N-amyl acetate	10.314	43	97126	14.523	ug/l #	29
75) 1,1,2,2-Tetrachloroethane	10.761	83	48343	7.831	ug/l #	28
76) 1,2,3-Trichloropropane	10.909	75	9872	1.307	ug/l #	1
78) n-propylbenzene	10.909	91	1628805	90.357	ug/l	99
79) 2-Chlorotoluene	11.028	91	146852	13.100	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.092	105	1337835	101.692	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.488	75	10806	5.193	ug/l #	1
82) 4-Chlorotoluene	11.092	91	143351	11.083	ug/l #	48
83) tert-Butylbenzene	11.423	119	39089	3.096	ug/l	95
84) 1,2,4-Trimethylbenzene	11.472	105	1214096	84.785	ug/l	100
85) sec-Butylbenzene	11.648	105	452806	28.666	ug/l	97
86) p-Isopropyltoluene	11.796	119	504451	37.187	ug/l	97
89) n-Butylbenzene	12.208	91	1091055	79.028	ug/l #	37
90) Hexachloroethane	12.468	117	95618	34.539	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.973	75	12514	7.040	ug/l #	4
95) Naphthalene	14.089	128	2868129	150.155	ug/l	99

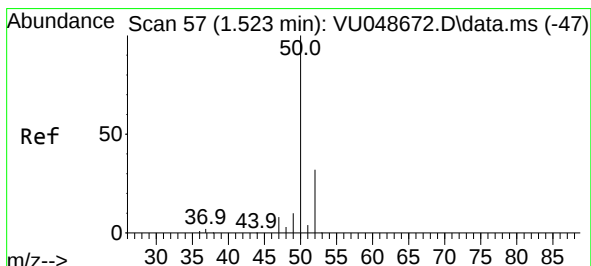
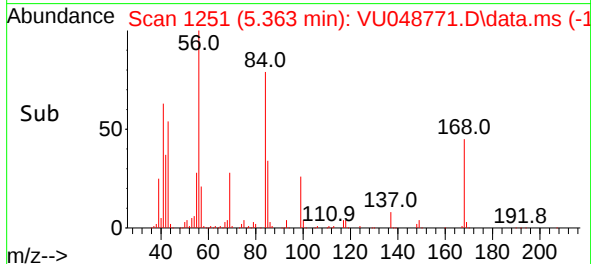
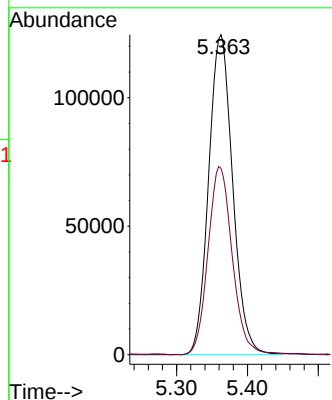
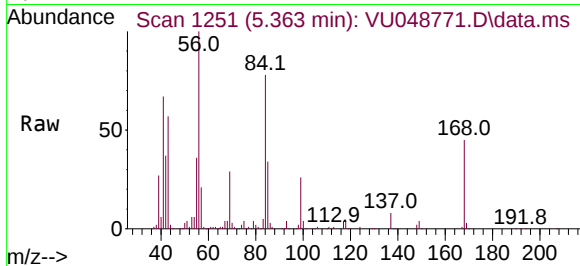
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

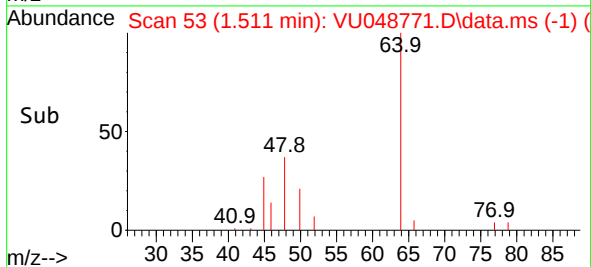
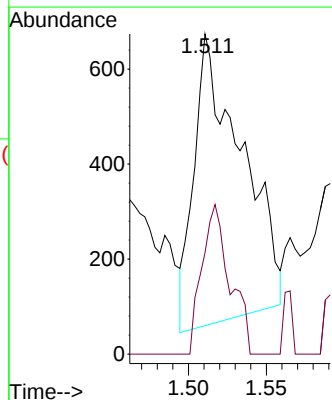
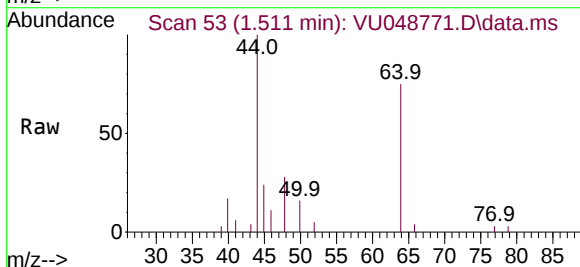
Instrument :
MSVOA_U
ClientSampleId :
SS-3

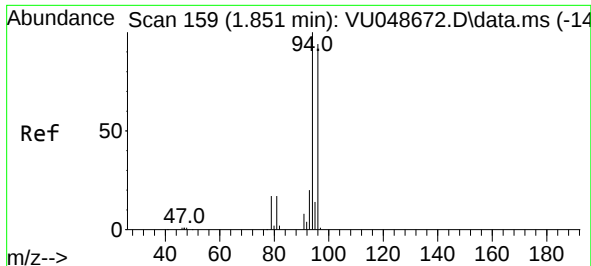
Tgt Ion:168 Resp: 293553
Ion Ratio Lower Upper
168 100
99 58.2 49.3 73.9



#3
Chloromethane
Concen: 0.298 ug/l
RT: 1.511 min Scan# 53
Delta R.T. -0.013 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 50 Resp: 1291
Ion Ratio Lower Upper
50 100
52 42.7 25.7 38.5#

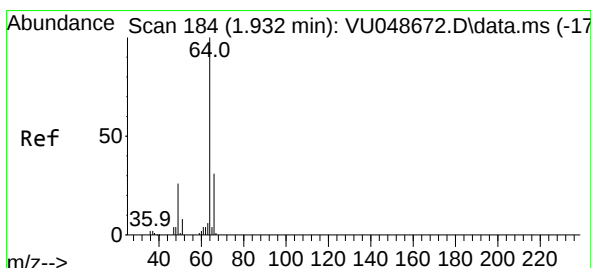
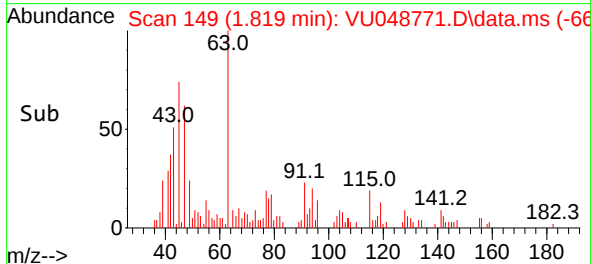
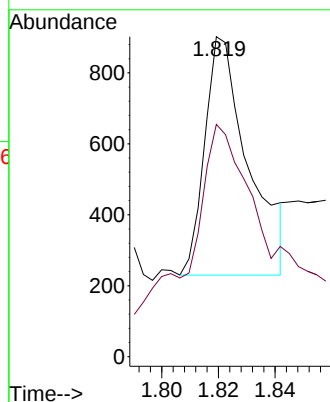
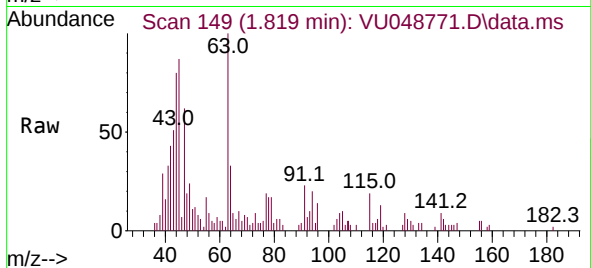




#5
Bromomethane
Concen: Below Cal
RT: 1.819 min Scan# 14
Delta R.T. -0.032 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

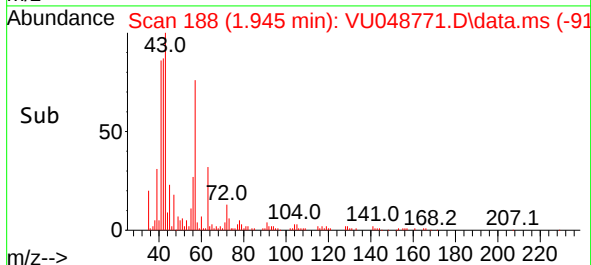
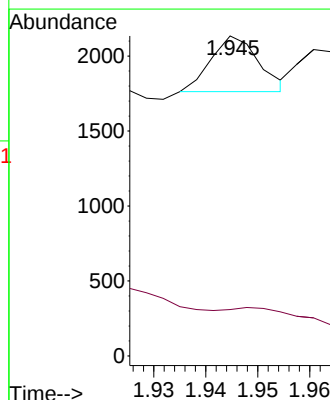
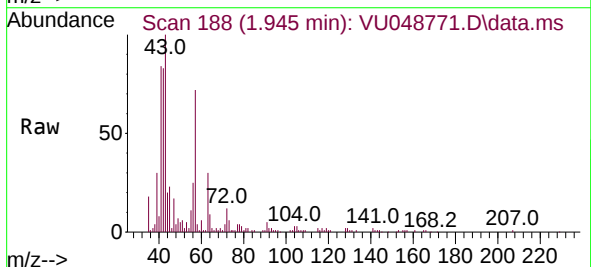
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MSVOA_U
ClientSampleId :
SS-3

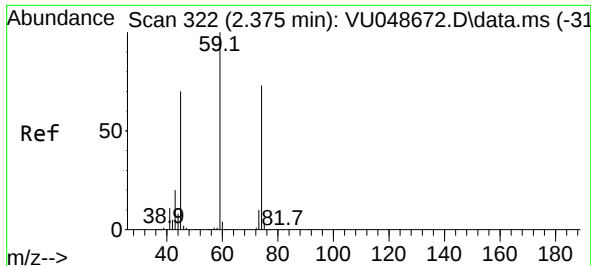
Tgt Ion: 94 Resp: 716
Ion Ratio Lower Upper
94 100
96 64.4 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.945 min Scan# 188
Delta R.T. 0.013 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 3.8 25.2 37.8#





#8

Diethyl Ether

Concen: 0.202 ug/l

RT: 2.376 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

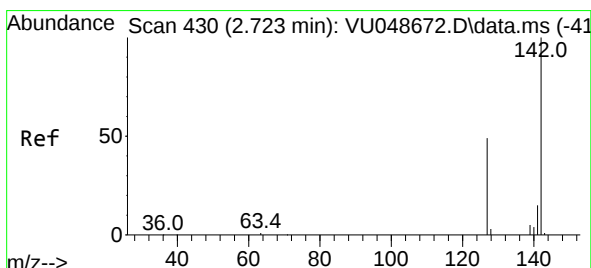
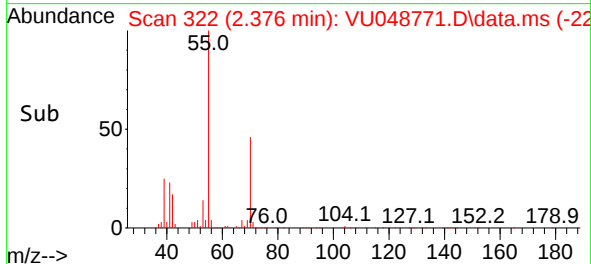
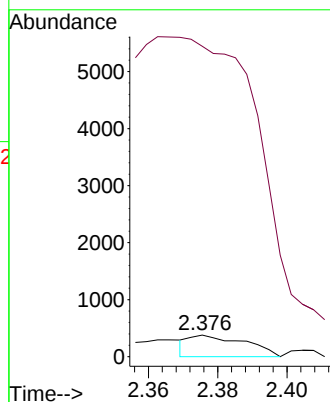
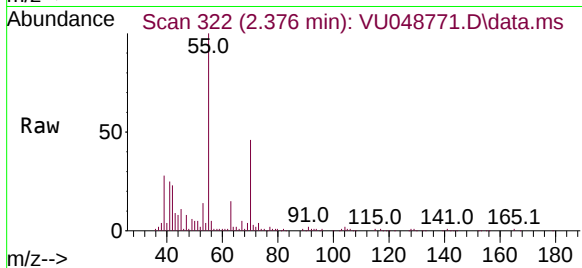
SS-3

Tgt Ion: 74 Resp: 427

Ion Ratio Lower Upper

74 100

45 0.0 47.7 143.1#



#10

Methyl Iodide

Concen: 3.018 ug/l

RT: 2.716 min Scan# 428

Delta R.T. -0.007 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

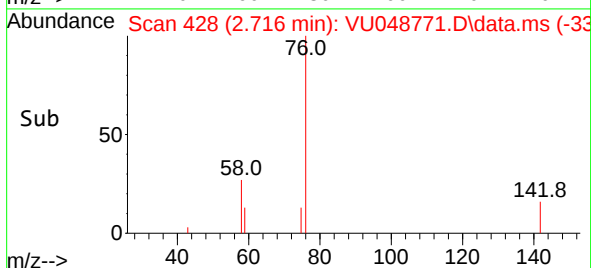
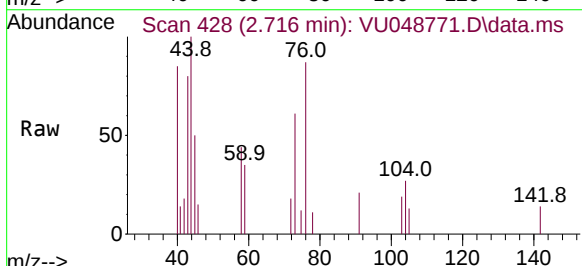
Tgt Ion: 142 Resp: 67

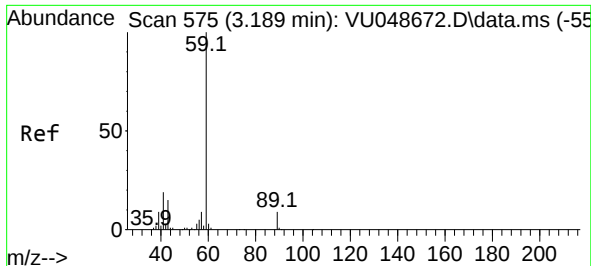
Ion Ratio Lower Upper

142 100

127 0.0 38.4 57.6#

141 0.0 11.5 17.3#

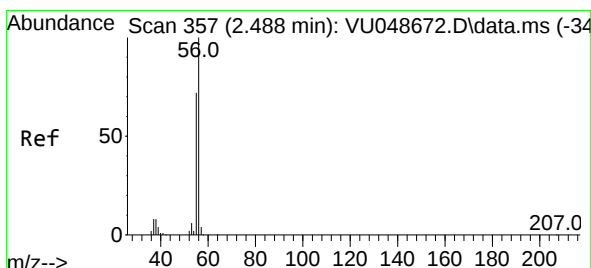
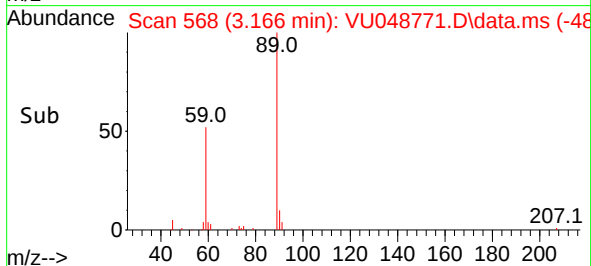
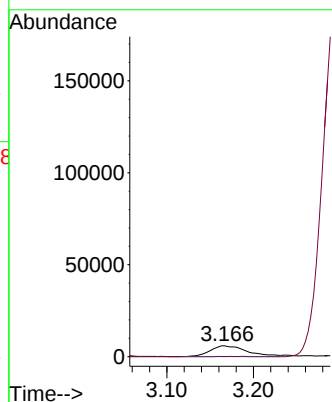
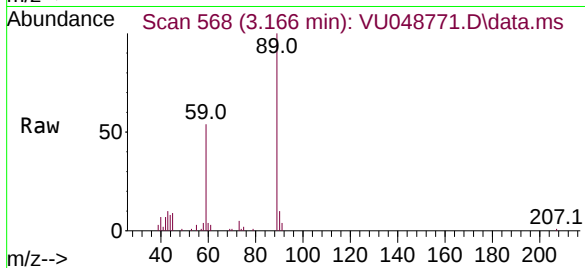




#11
Tert butyl alcohol
Concen: 15.783 ug/l
RT: 3.166 min Scan# 50
Delta R.T. -0.022 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

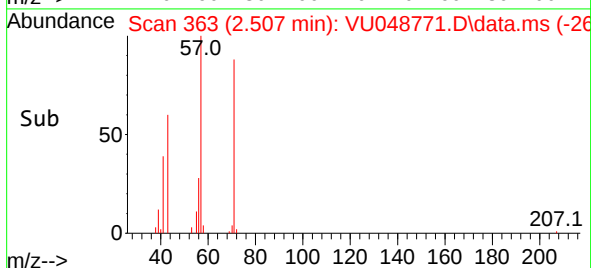
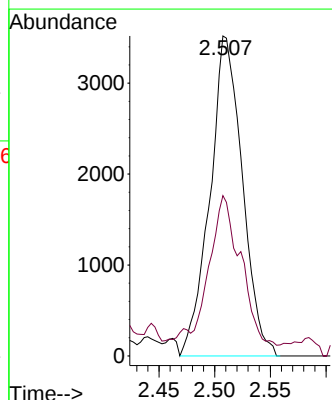
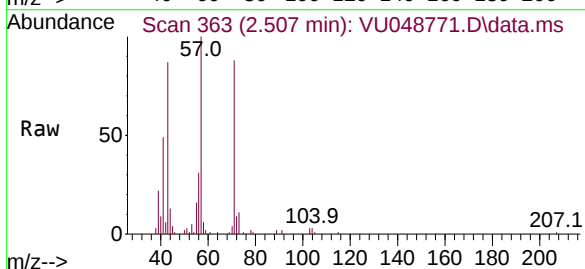
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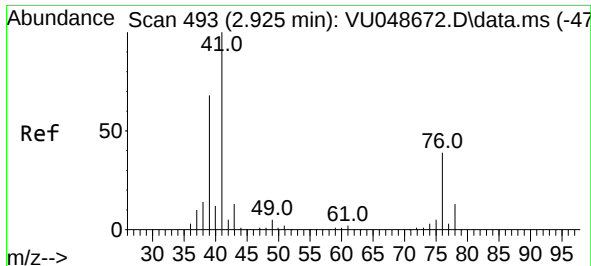
Tgt Ion: 59 Resp: 17641
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#



#13
Acrolein
Concen: 15.252 ug/l
RT: 2.507 min Scan# 363
Delta R.T. 0.019 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 56 Resp: 7127
Ion Ratio Lower Upper
56 100
55 43.8 57.7 86.5#

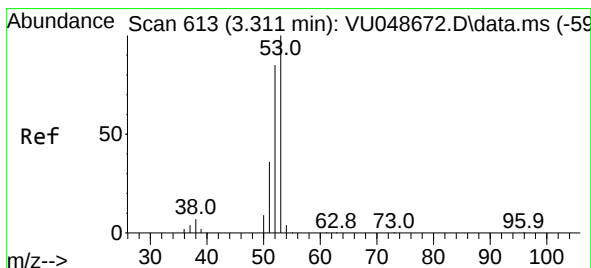
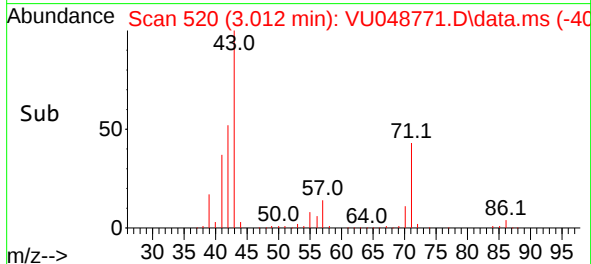
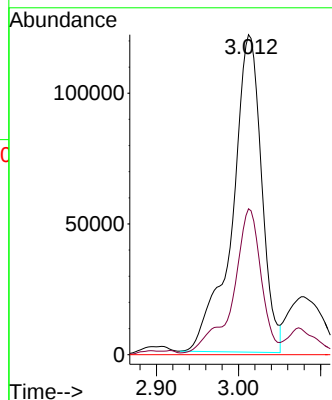
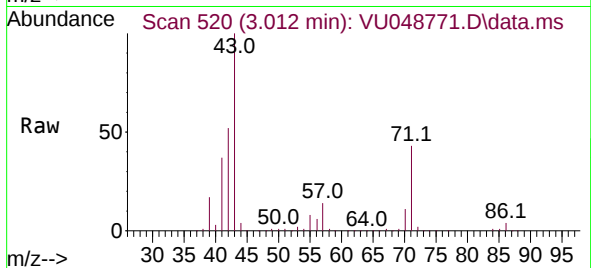




#14
 Allyl chloride
 Concen: 52.429 ug/l
 RT: 3.012 min Scan# 51
 Delta R.T. 0.087 min
 Lab File: VU048771.D
 Acq: 01 Jun 2022 04:57

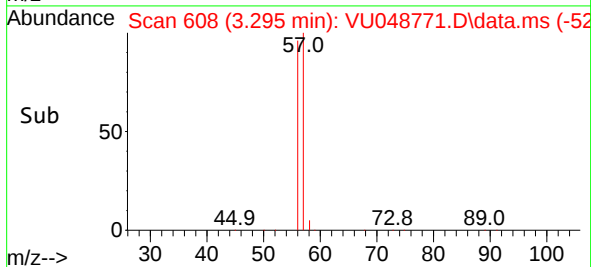
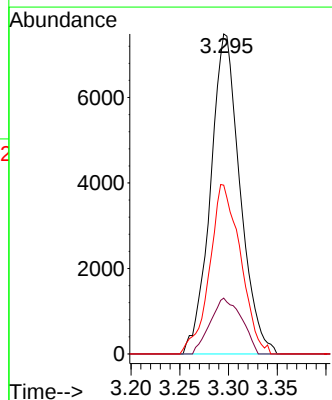
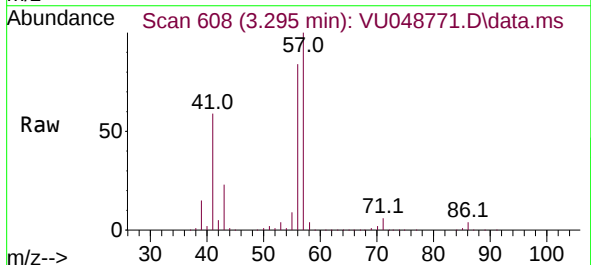
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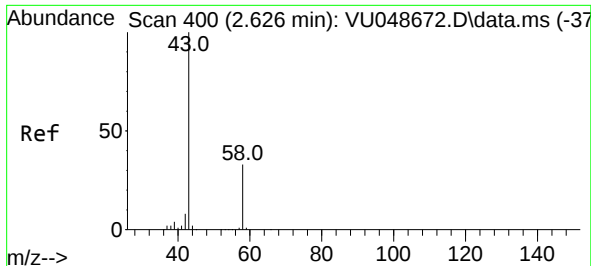
Tgt Ion: 41 Resp: 303398
 Ion Ratio Lower Upper
 41 100
 39 43.3 48.6 72.8#
 76 0.0 27.0 40.4#



#15
 Acrylonitrile
 Concen: 6.524 ug/l
 RT: 3.295 min Scan# 608
 Delta R.T. -0.016 min
 Lab File: VU048771.D
 Acq: 01 Jun 2022 04:57

Tgt Ion: 53 Resp: 15814
 Ion Ratio Lower Upper
 53 100
 52 18.5 66.3 99.5#
 51 55.3 28.6 42.8#





#16

Acetone

Concen: 2.518 ug/l

RT: 2.655 min Scan# 40

Delta R.T. 0.029 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

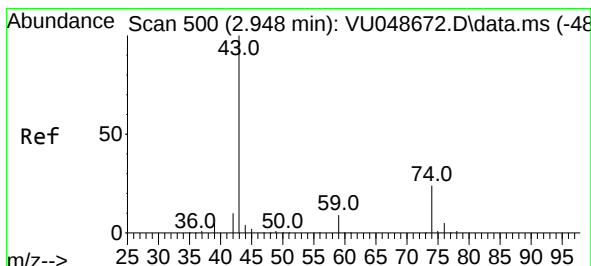
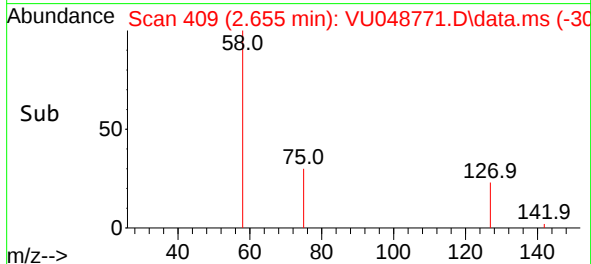
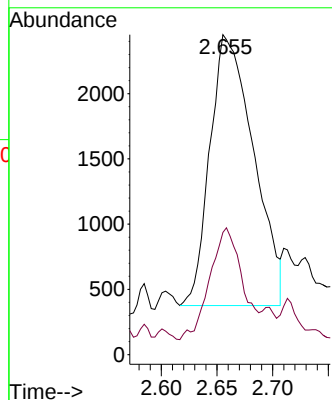
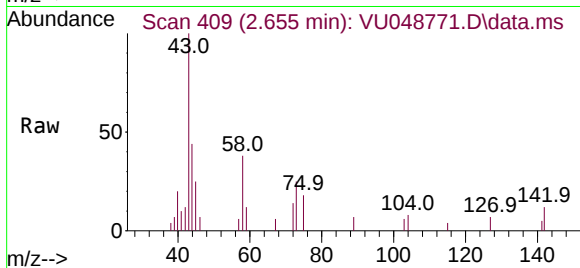
SS-3

Tgt Ion: 43 Resp: 5658

Ion Ratio Lower Upper

43 100

58 39.5 26.3 39.5#



#18

Methyl Acetate

Concen: 144.622 ug/l

RT: 3.012 min Scan# 520

Delta R.T. 0.064 min

Lab File: VU048771.D

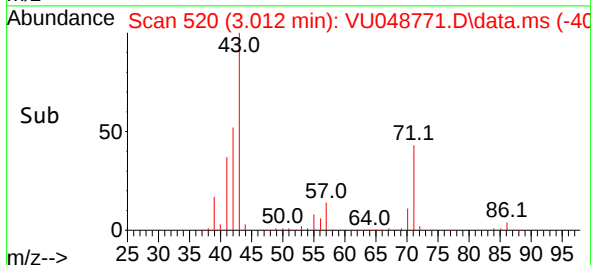
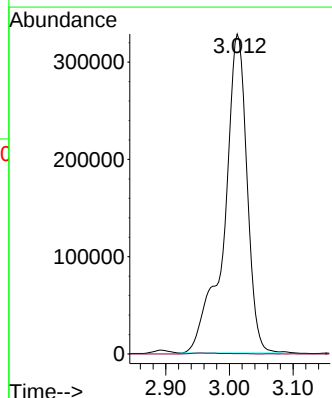
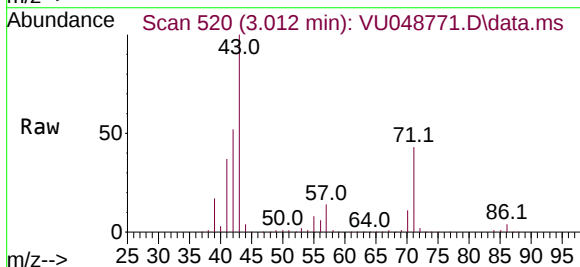
Acq: 01 Jun 2022 04:57

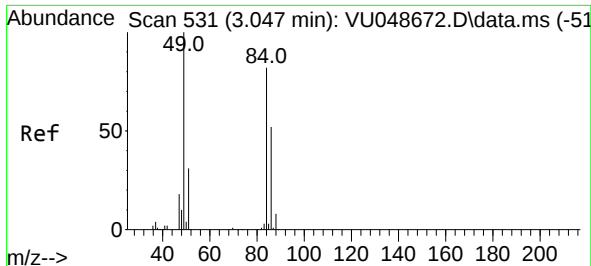
Tgt Ion: 43 Resp: 815809

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#

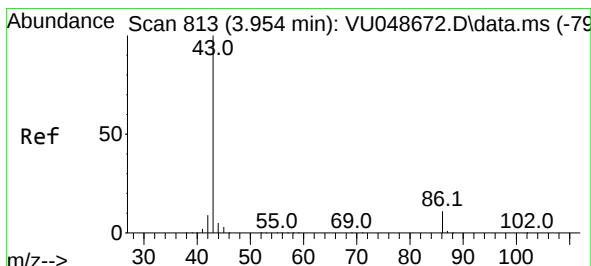
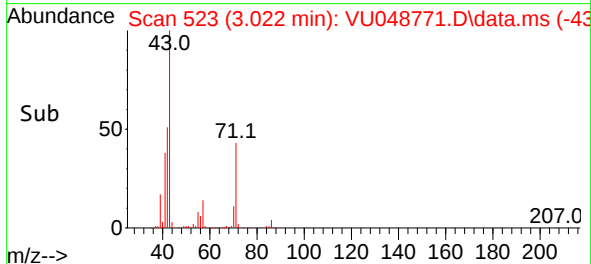
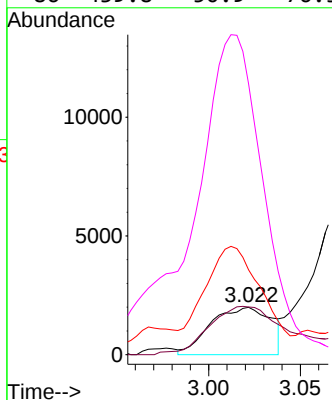
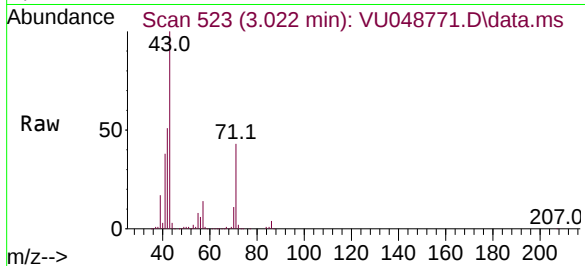




#20
Methylene Chloride
Concen: 1.199 ug/l
RT: 3.022 min Scan# 51
Delta R.T. -0.026 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

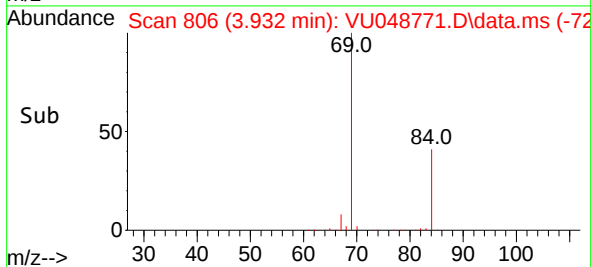
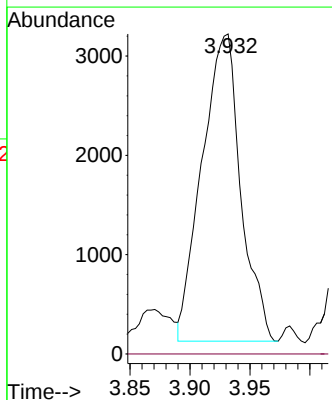
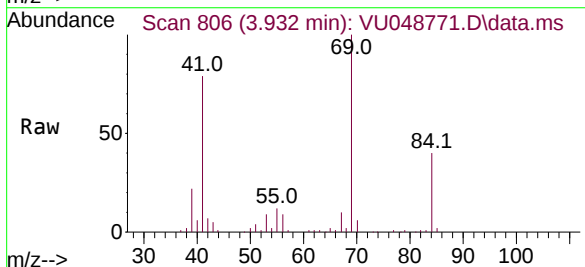
Instrument :
MSVOA_U
ClientSampleId :
SS-3

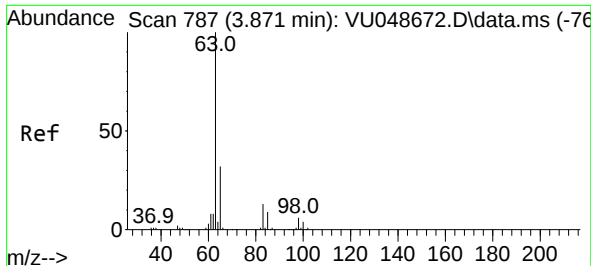
Tgt Ion: 84 Resp: 4581
Ion Ratio Lower Upper
84 100
49 103.3 97.0 145.4
51 142.3 29.8 44.8#
86 439.8 50.9 76.3#



#23
Vinyl Acetate
Concen: 0.753 ug/l
RT: 3.932 min Scan# 806
Delta R.T. -0.022 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 43 Resp: 6962
Ion Ratio Lower Upper
43 100
86 0.0 8.4 12.6#

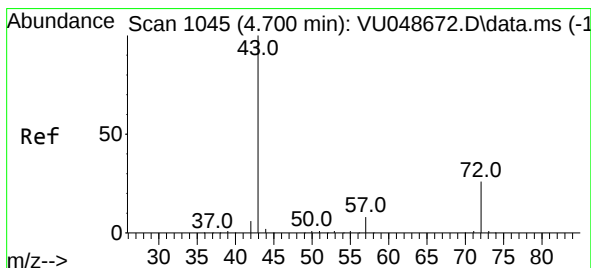
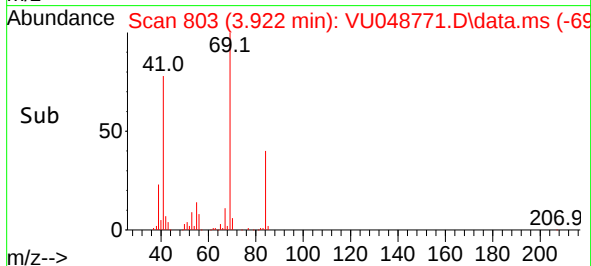
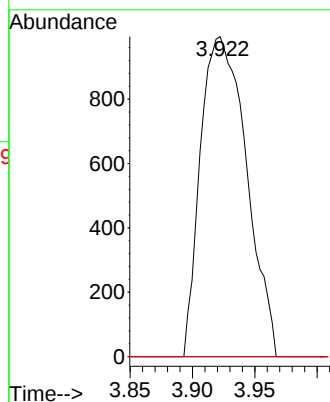
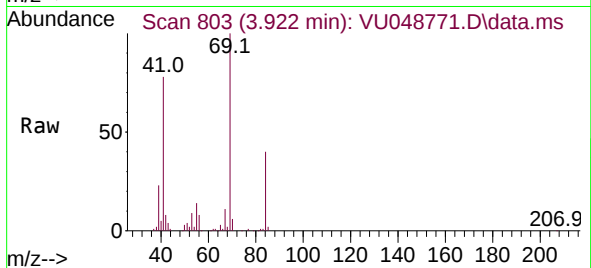




#24
1,1-Dichloroethane
Concen: 0.380 ug/l
RT: 3.922 min Scan# 80
Delta R.T. 0.052 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

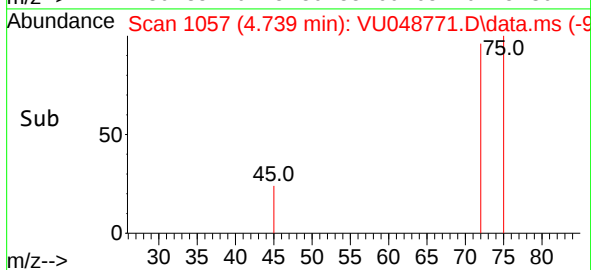
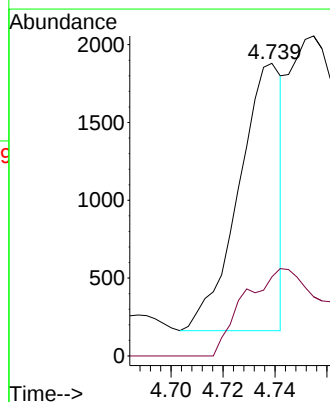
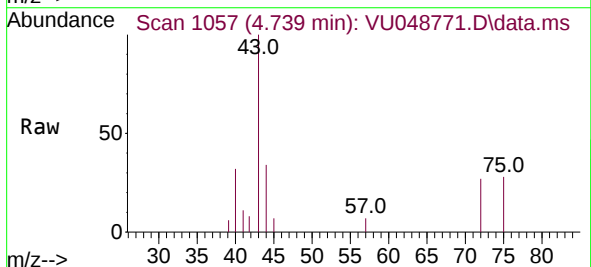
Instrument :
MSVOA_U
ClientSampleId :
SS-3

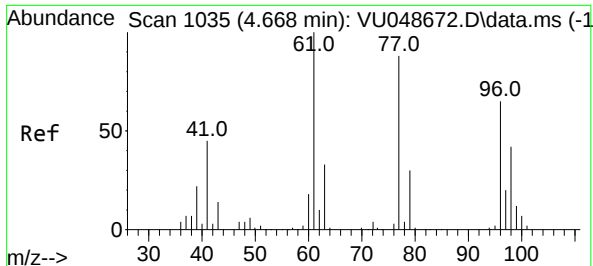
Tgt Ion: 63 Resp: 2550
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.3#
100 0.0 2.0 5.8#



#25
2-Butanone
Concen: 0.611 ug/l
RT: 4.739 min Scan# 1057
Delta R.T. 0.039 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 43 Resp: 1972
Ion Ratio Lower Upper
43 100
72 29.6 21.1 31.7





#27

cis-1,2-Dichloroethene

Concen: 0.281 ug/l

RT: 4.941 min Scan# 1120

Delta R.T. 0.273 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

SS-3

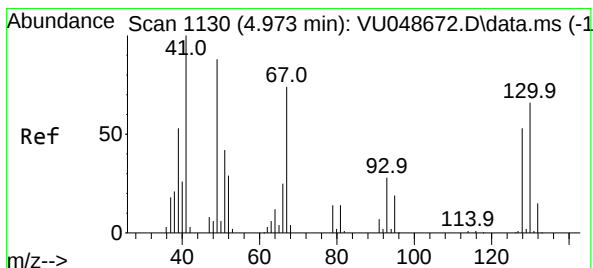
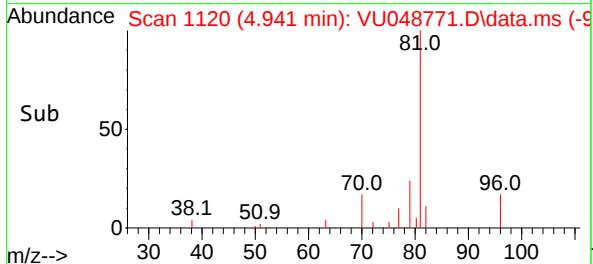
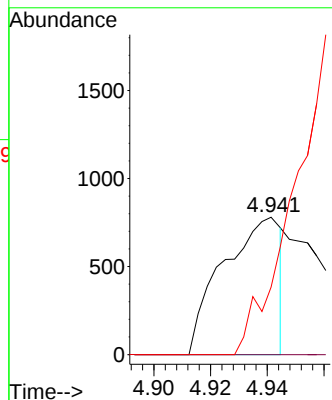
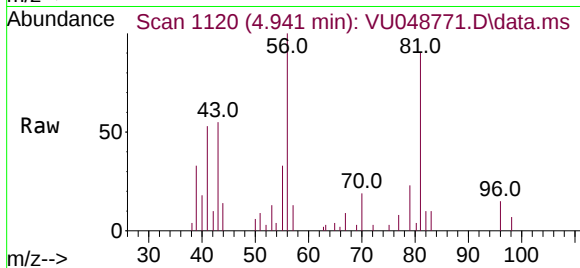
Tgt Ion: 96 Resp: 1111

Ion Ratio Lower Upper

96 100

61 0.0 0.0 306.2

98 0.0 0.0 130.4



#28

Bromochloromethane

Concen: 0.367 ug/l

RT: 5.144 min Scan# 1183

Delta R.T. 0.170 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

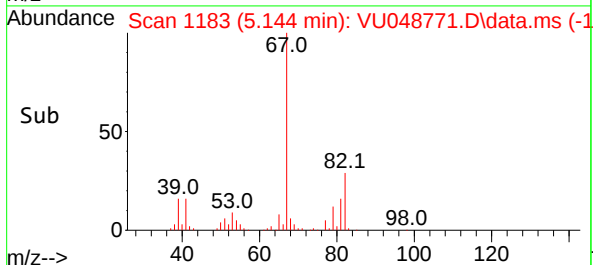
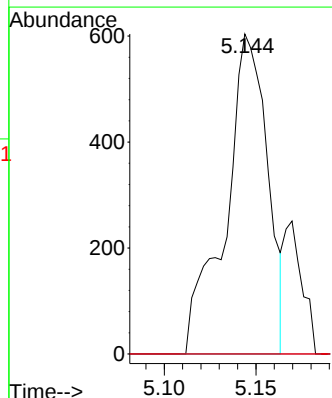
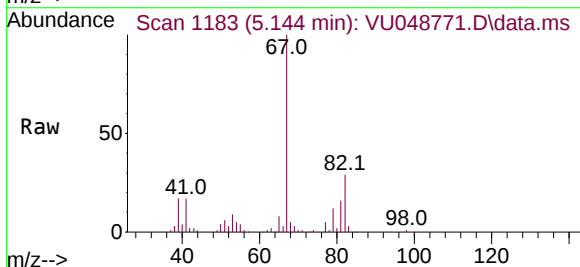
Tgt Ion: 49 Resp: 964

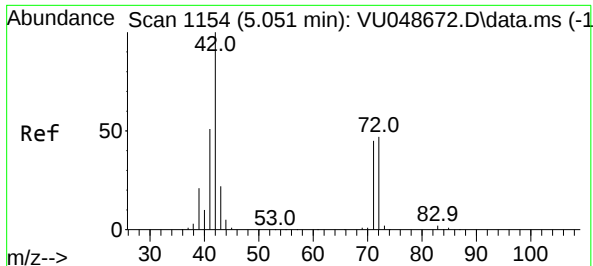
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 62.1 93.1#





#29

Tetrahydrofuran

Concen: 3.157 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.042 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

SS-3

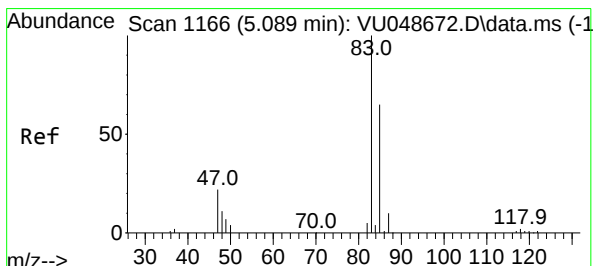
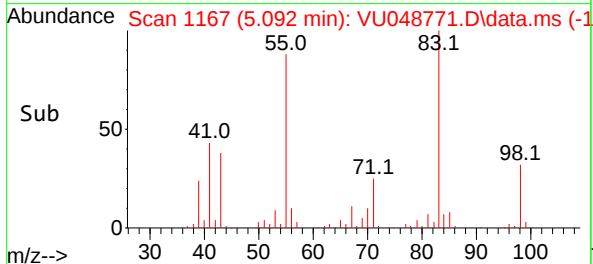
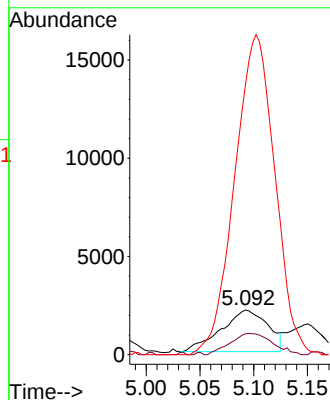
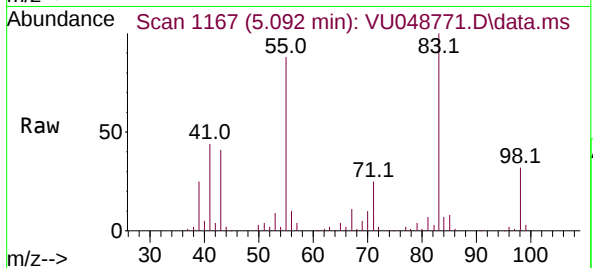
Tgt Ion: 42 Resp: 6419

Ion Ratio Lower Upper

42 100

72 45.8 37.6 56.4

71 660.8 35.0 52.4#



#30

Chloroform

Concen: 20.645 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.007 min

Lab File: VU048771.D

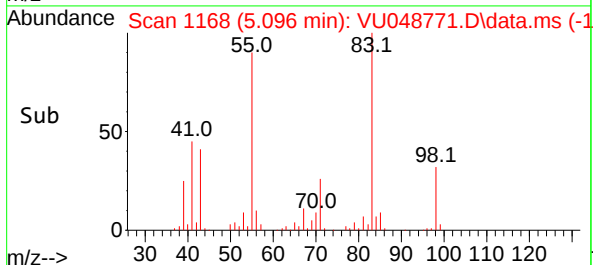
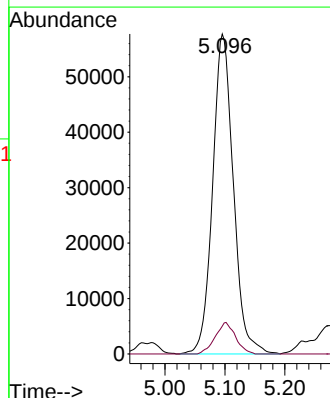
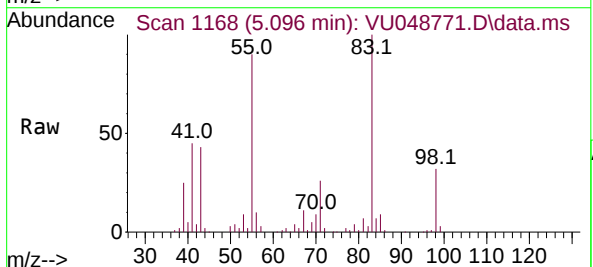
Acq: 01 Jun 2022 04:57

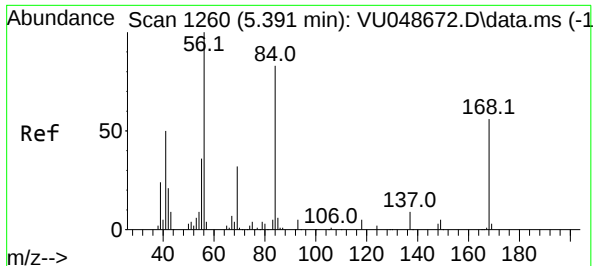
Tgt Ion: 83 Resp: 138485

Ion Ratio Lower Upper

83 100

85 8.7 52.2 78.2#

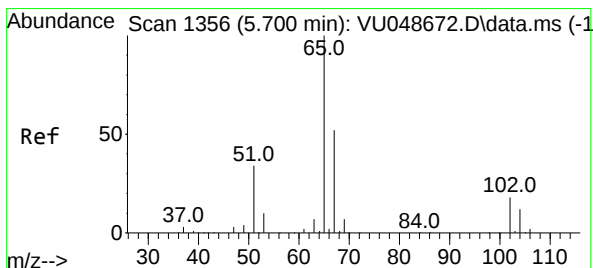
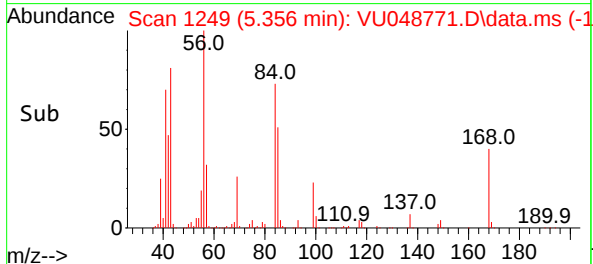
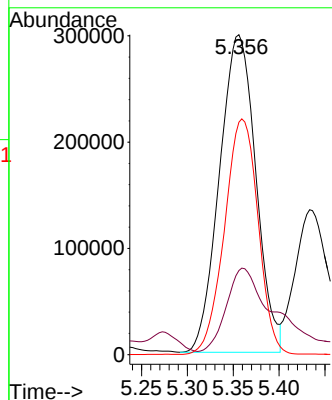
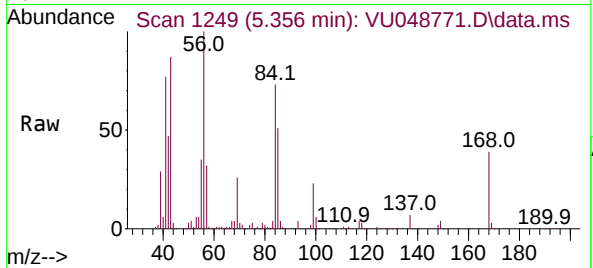




#31
Cyclohexane
Concen: 148.597 ug/l
RT: 5.356 min Scan# 1249
Delta R.T. -0.035 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

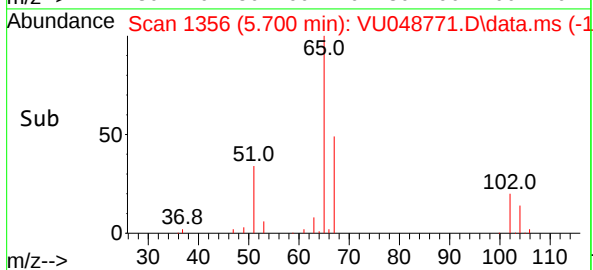
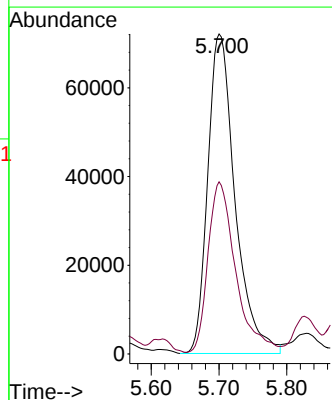
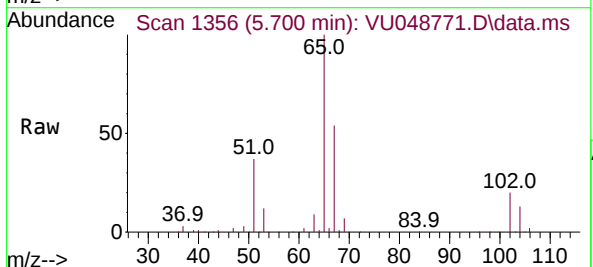
Instrument :
MSVOA_U
ClientSampleId :
SS-3

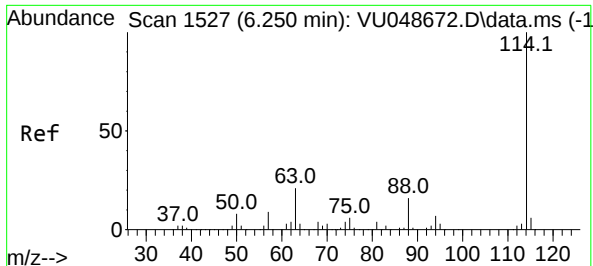
Tgt Ion: 56 Resp: 825581
Ion Ratio Lower Upper
56 100
69 22.5 25.6 38.4#
84 73.1 66.2 99.4



#33
1,2-Dichloroethane-d4
Concen: 45.756 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 65 Resp: 201722
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

SS-3

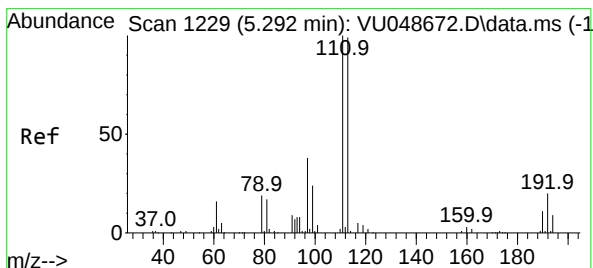
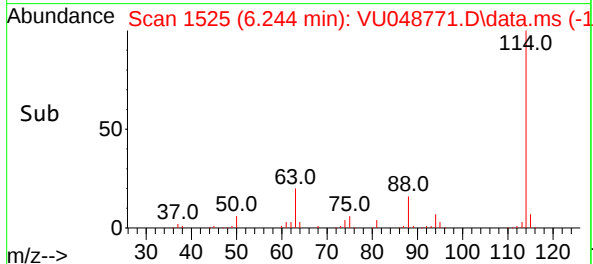
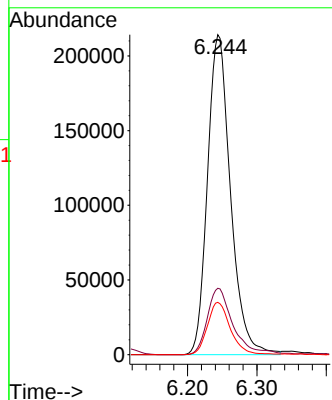
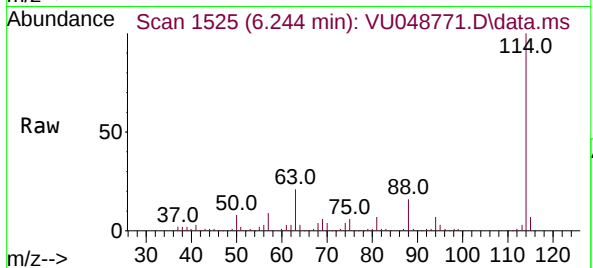
Tgt Ion:114 Resp: 493879

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.185 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

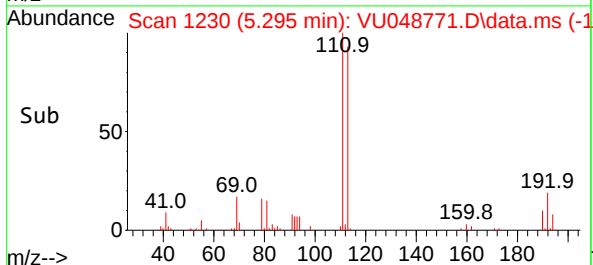
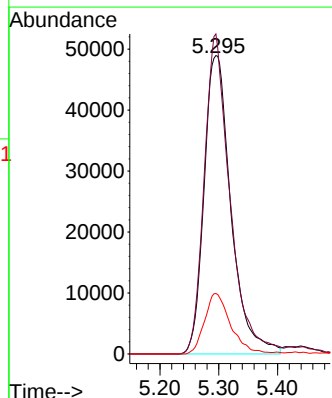
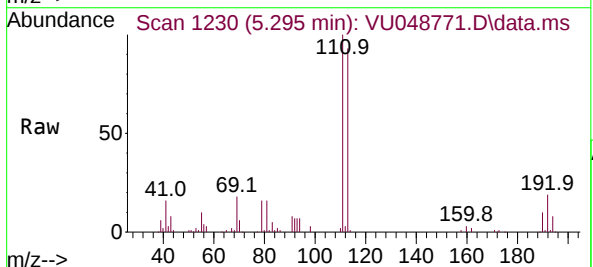
Tgt Ion:113 Resp: 155684

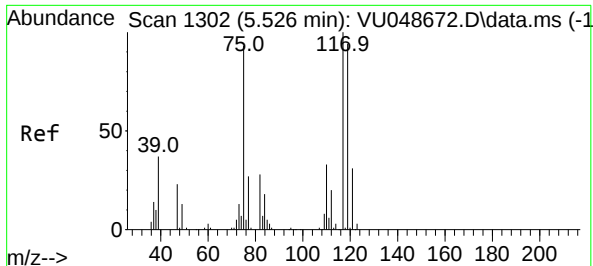
Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

192 19.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.874 ug/l

RT: 5.359 min Scan# 11

Delta R.T. -0.167 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

SS-3

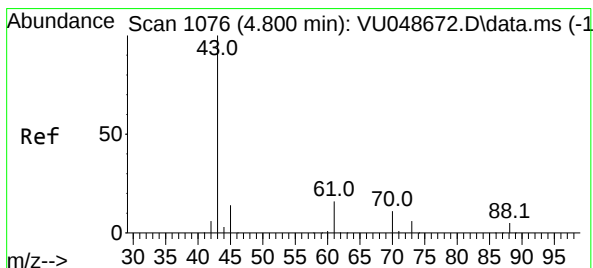
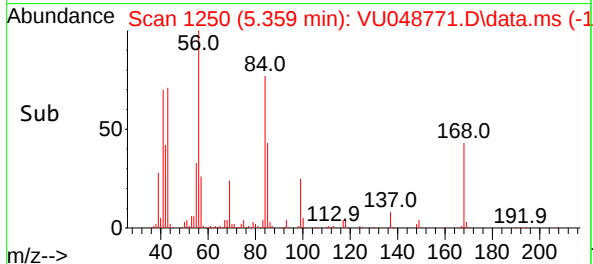
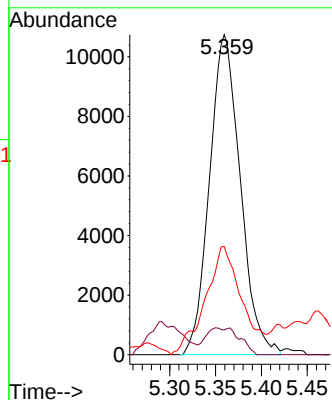
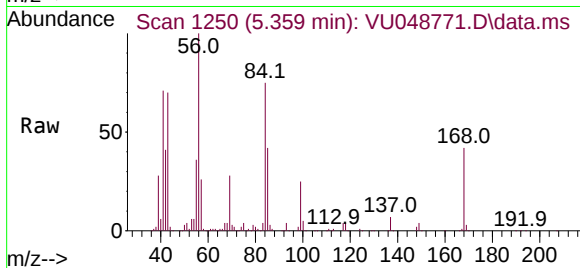
Tgt Ion: 75 Resp: 25066

Ion Ratio Lower Upper

75 100

110 2.9 17.4 52.3#

77 39.9 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.303 ug/l

RT: 4.739 min Scan# 1057

Delta R.T. -0.061 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

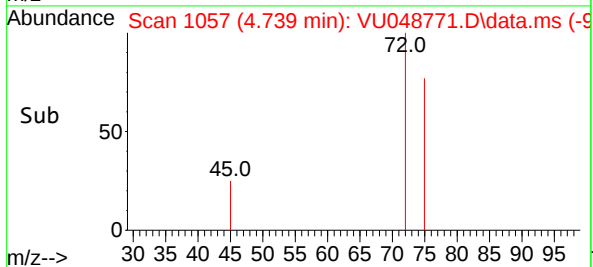
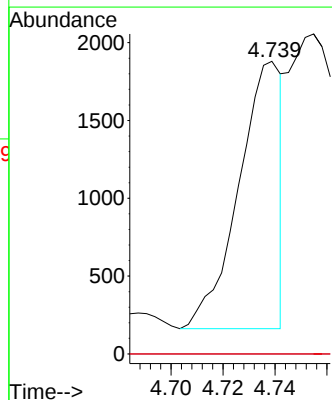
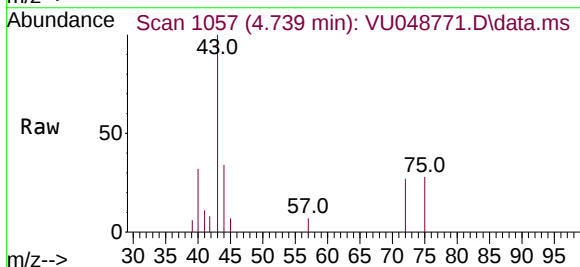
Tgt Ion: 43 Resp: 1972

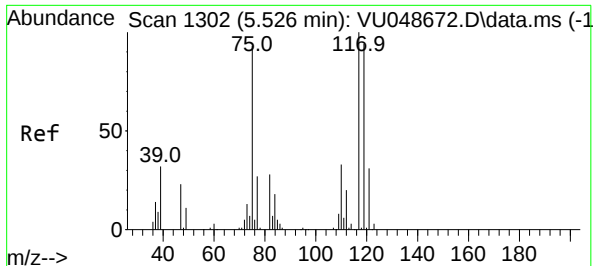
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.0 8.4 12.6#

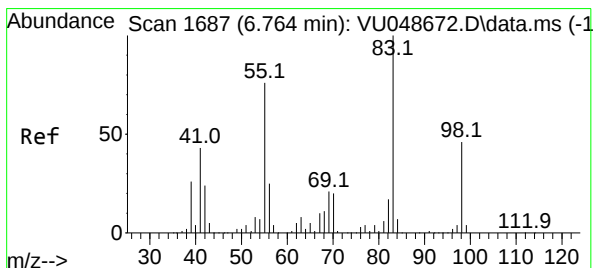
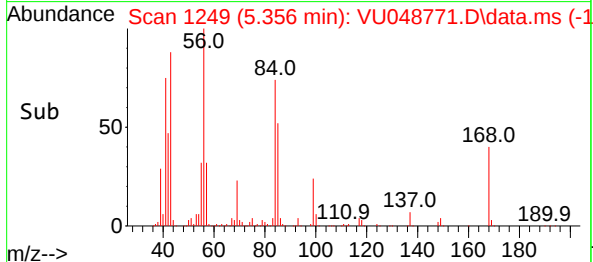
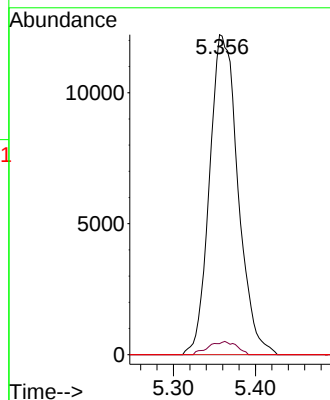
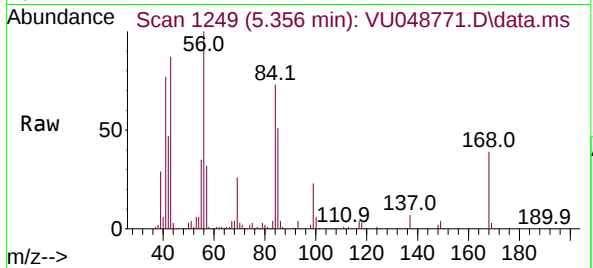




#38
Carbon Tetrachloride
Concen: 5.002 ug/l
RT: 5.356 min Scan# 117
Delta R.T. -0.170 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

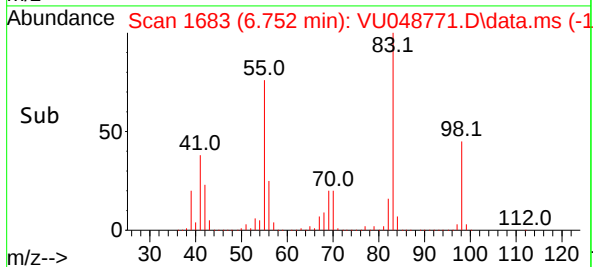
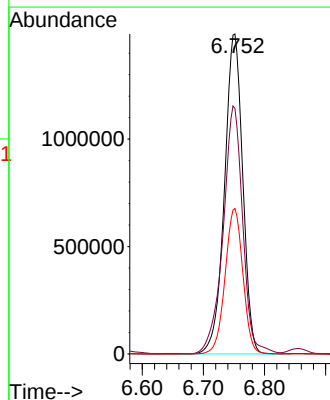
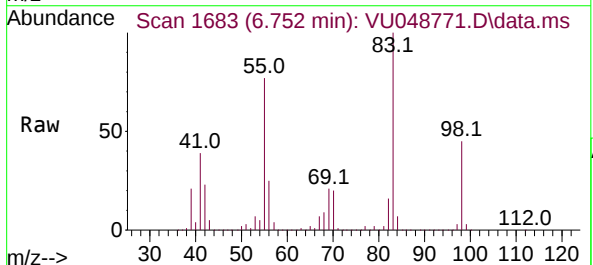
Instrument :
MSVOA_U
ClientSampleId :
SS-3

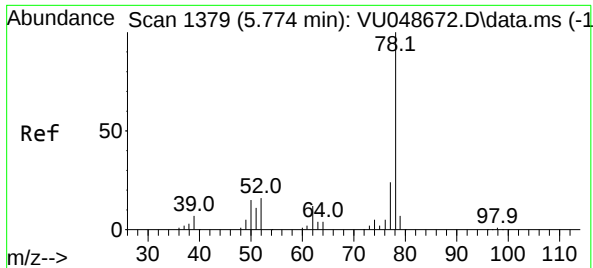
Tgt Ion:117 Resp: 29512
Ion Ratio Lower Upper
117 100
119 3.5 75.4 113.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 572.729 ug/l
RT: 6.752 min Scan# 1683
Delta R.T. -0.013 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 83 Resp: 3088139
Ion Ratio Lower Upper
83 100
55 76.6 61.0 91.6
98 45.5 36.8 55.2





#40

Benzene

Concen: 2.420 ug/l

RT: 5.761 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

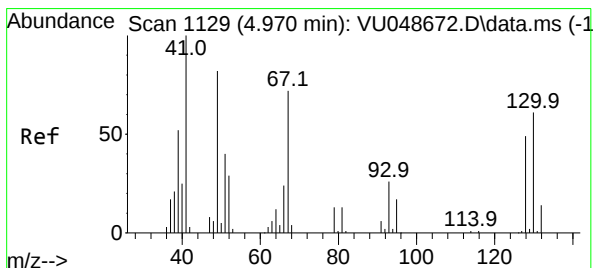
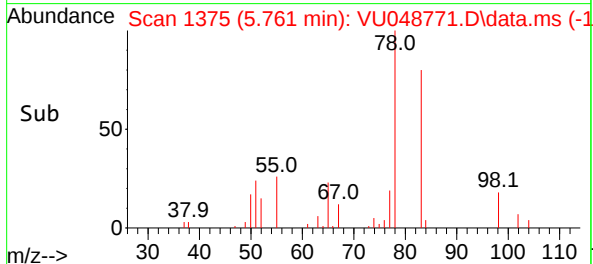
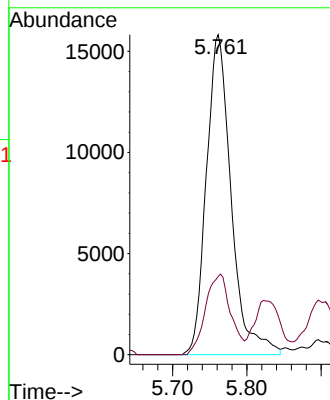
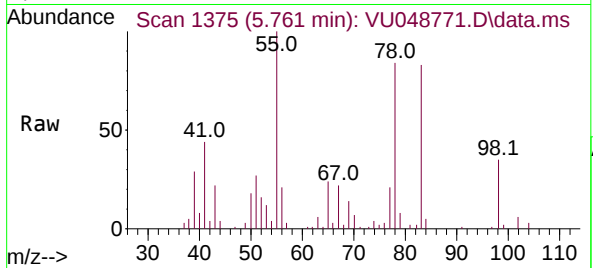
SS-3

Tgt Ion: 78 Resp: 36743

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6



#41

Methacrylonitrile

Concen: 8.387 ug/l

RT: 4.967 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Tgt Ion: 41 Resp: 27553

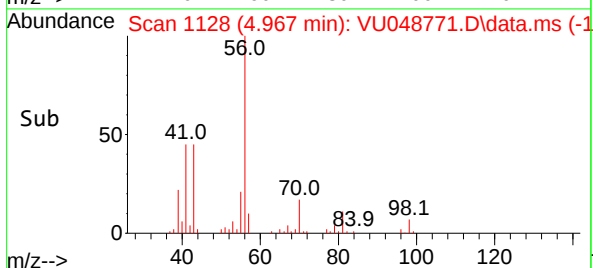
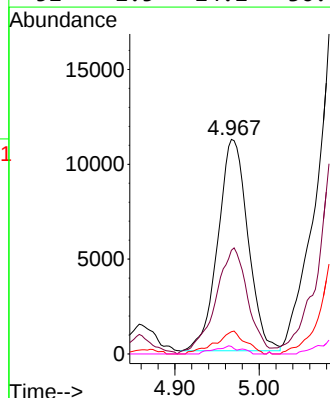
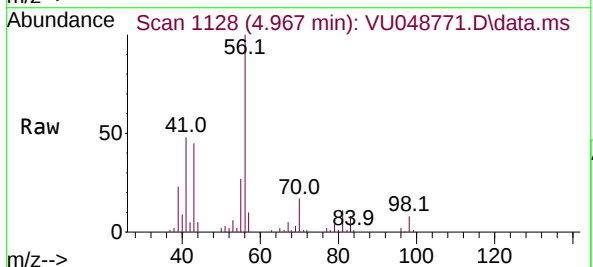
Ion Ratio Lower Upper

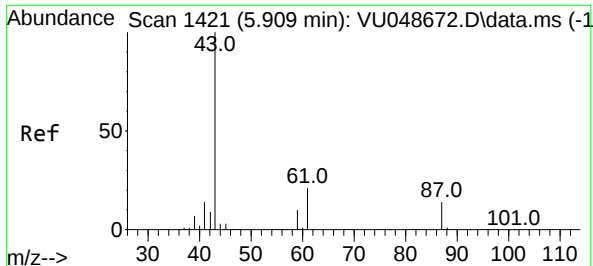
41 100

39 53.9 42.6 64.0

67 0.0 61.0 91.4#

52 2.5 24.2 36.4#





#43

Isopropyl Acetate

Concen: 13.526 ug/l

RT: 5.829 min Scan# 1

Delta R.T. -0.080 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

SS-3

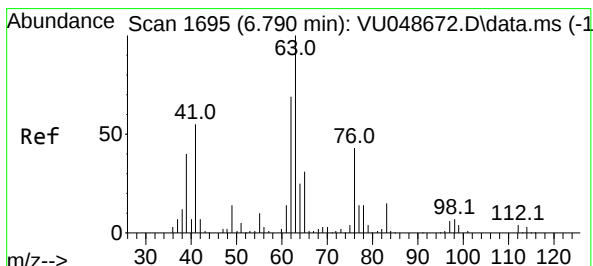
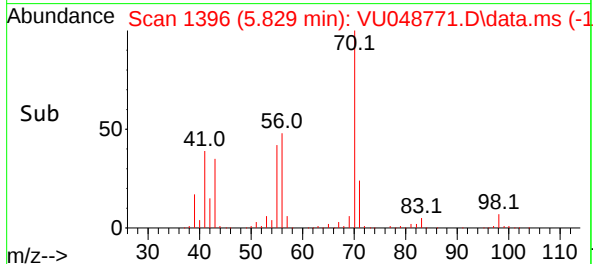
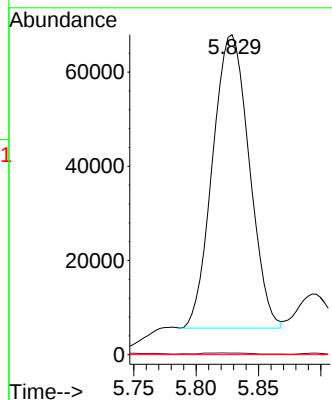
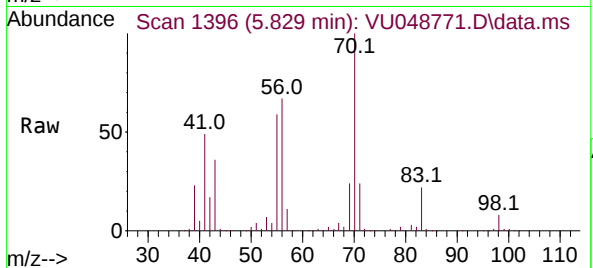
Tgt Ion: 43 Resp: 127629

Ion Ratio Lower Upper

43 100

61 0.4 16.7 25.1#

87 0.0 10.9 16.3#



#45

1,2-Dichloropropane

Concen: 7.809 ug/l

RT: 6.752 min Scan# 1683

Delta R.T. -0.038 min

Lab File: VU048771.D

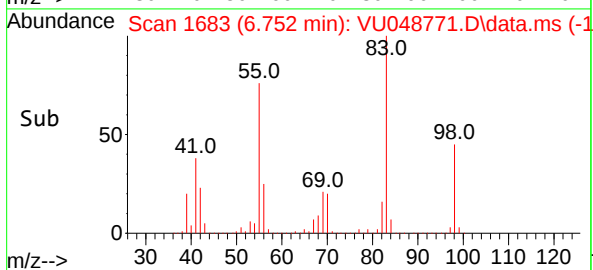
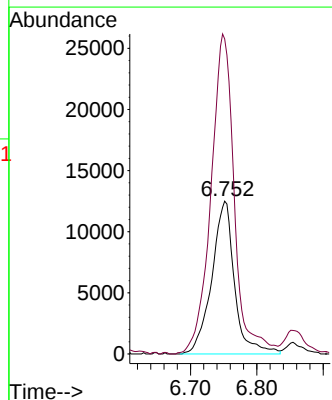
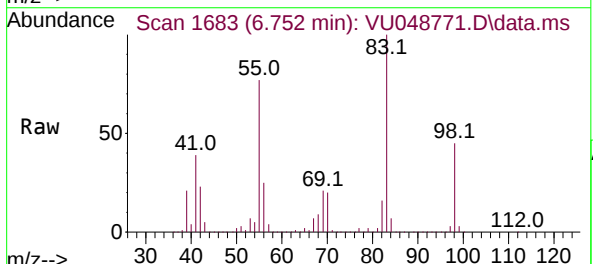
Acq: 01 Jun 2022 04:57

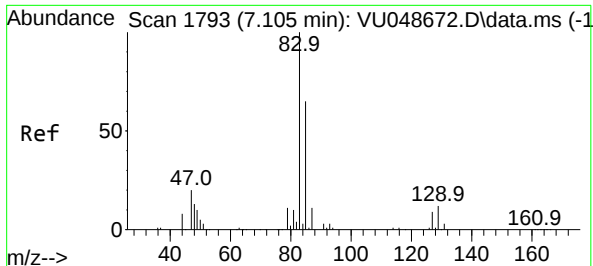
Tgt Ion: 63 Resp: 29848

Ion Ratio Lower Upper

63 100

65 205.2 24.8 37.2#

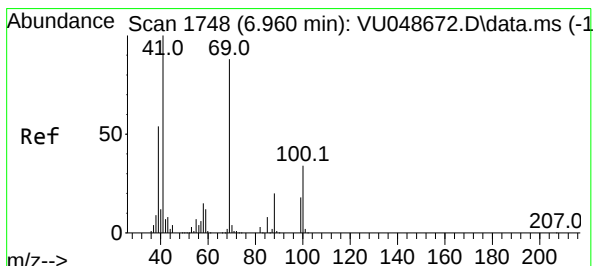
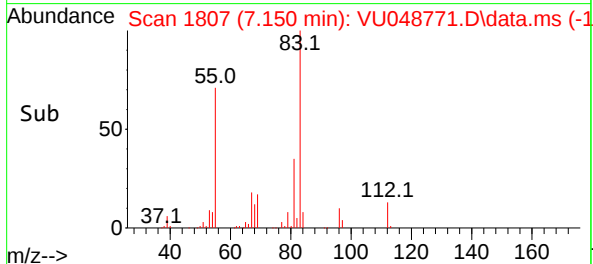
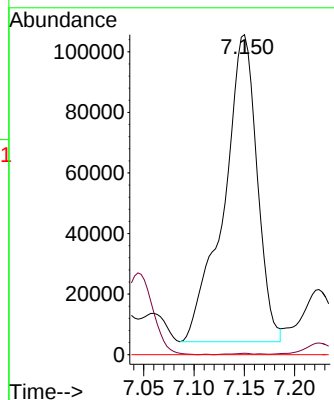
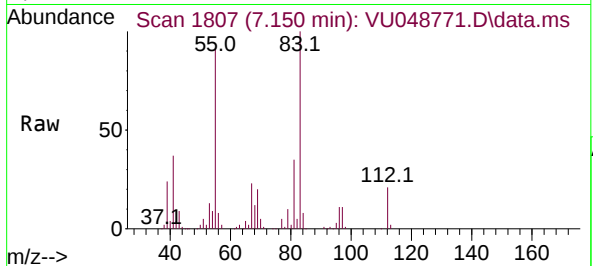




#47
Bromodichloromethane
Concen: 40.601 ug/l
RT: 7.150 min Scan# 11
Delta R.T. 0.045 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

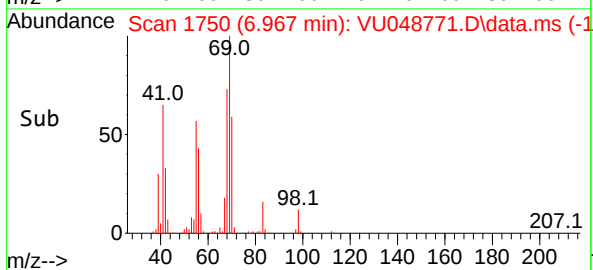
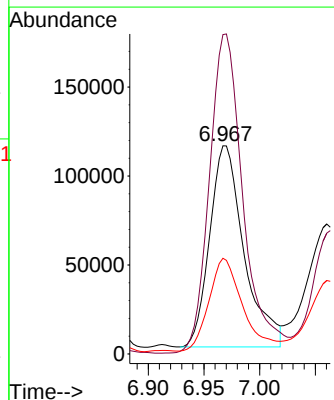
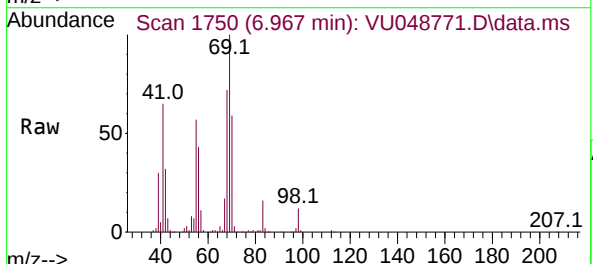
Instrument :
MSVOA_U
ClientSampleId :
SS-3

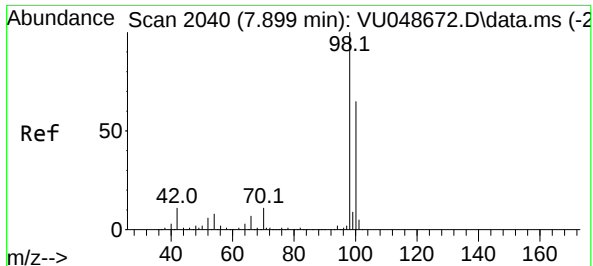
Tgt Ion: 83 Resp: 234453
Ion Ratio Lower Upper
83 100
85 0.1 52.1 78.1#
127 0.0 6.9 10.3#



#48
Methyl methacrylate
Concen: 57.473 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 41 Resp: 243447
Ion Ratio Lower Upper
41 100
69 155.8 70.7 106.1#
39 45.4 43.4 65.2

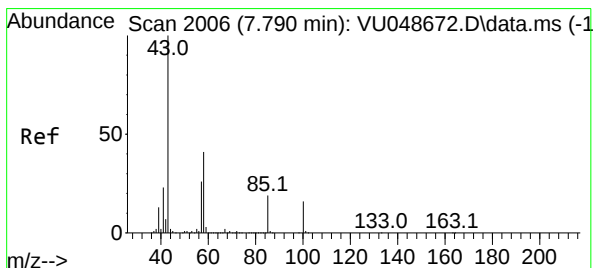
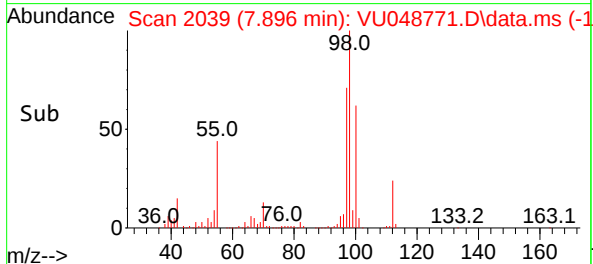
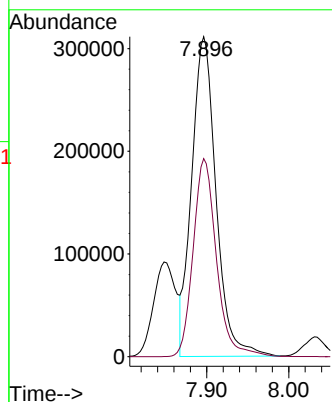
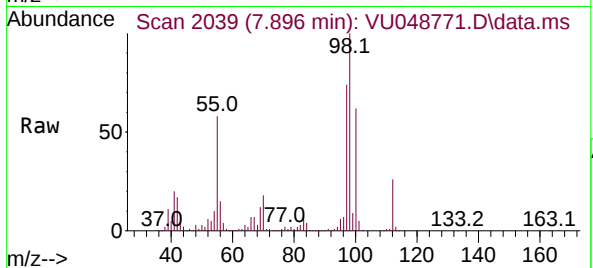




#50
Toluene-d8
Concen: 50.766 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

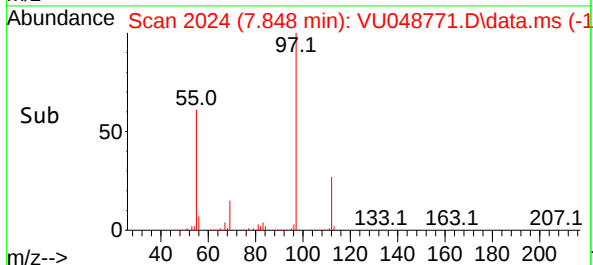
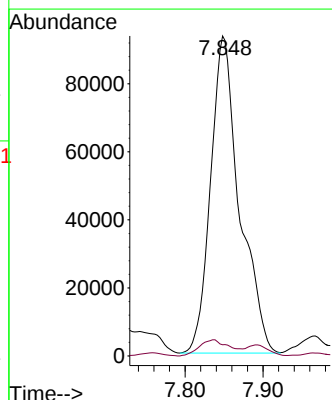
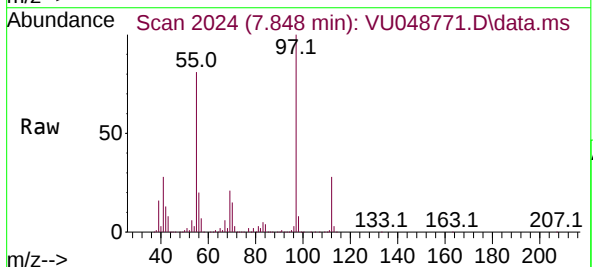
Instrument :
MSVOA_U
ClientSampleId :
SS-3

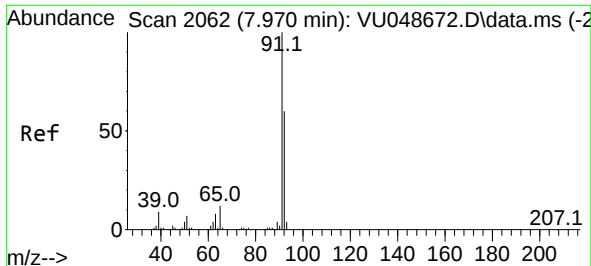
Tgt Ion: 98 Resp: 641186
Ion Ratio Lower Upper
98 100
100 59.5 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 39.254 ug/l
RT: 7.848 min Scan# 2024
Delta R.T. 0.058 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 43 Resp: 240500
Ion Ratio Lower Upper
43 100
58 5.0 32.7 49.1#

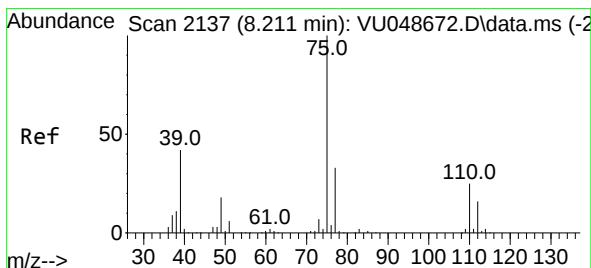
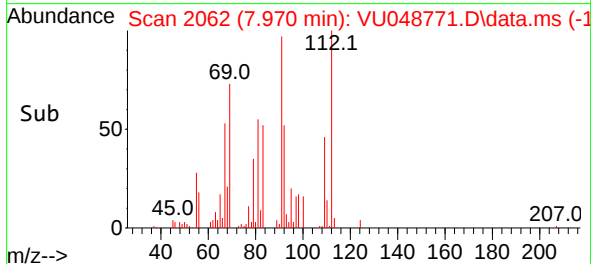
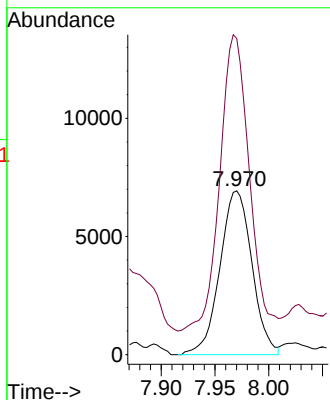
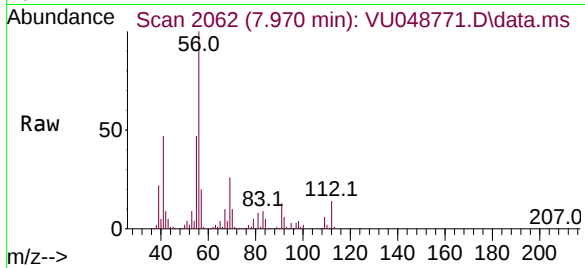




#52
Toluene
Concen: 1.586 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

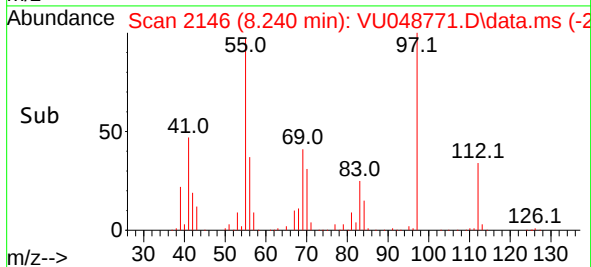
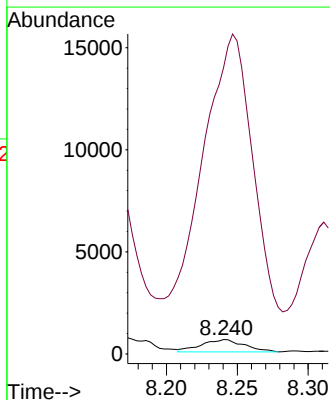
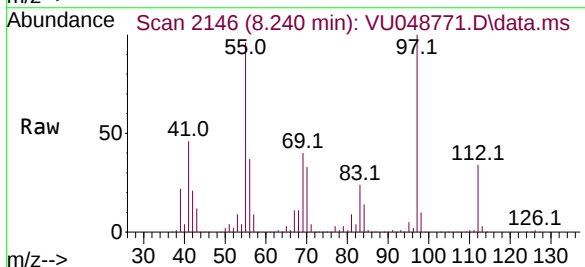
Instrument :
MSVOA_U
ClientSampleId :
SS-3

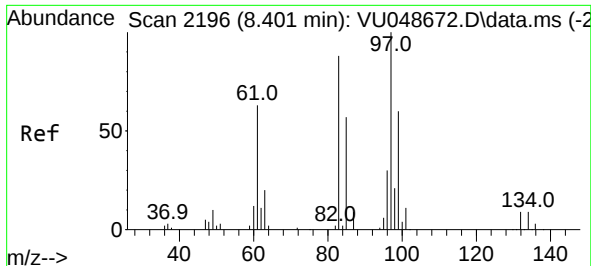
Tgt Ion: 92 Resp: 14401
Ion Ratio Lower Upper
92 100
91 163.3 135.0 202.4



#53
t-1,3-Dichloropropene
Concen: 0.202 ug/l
RT: 8.240 min Scan# 2146
Delta R.T. 0.029 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 75 Resp: 1261
Ion Ratio Lower Upper
75 100
77 1951.1 26.2 39.4#

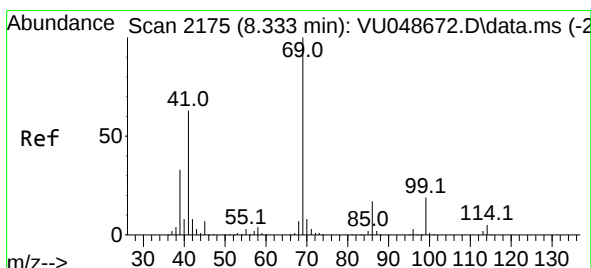
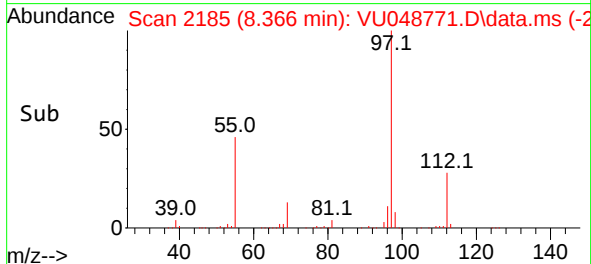
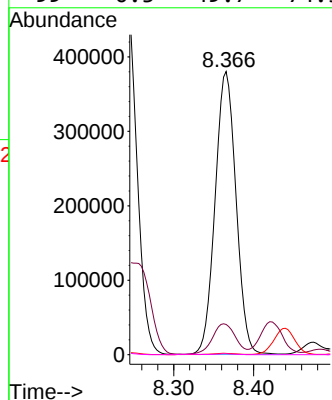
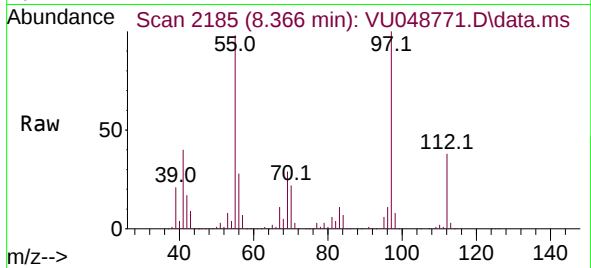




#55
1,1,2-Trichloroethane
Concen: 172.099 ug/l
RT: 8.366 min Scan# 2196
Delta R.T. -0.035 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

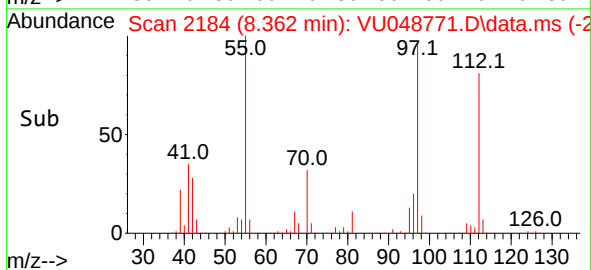
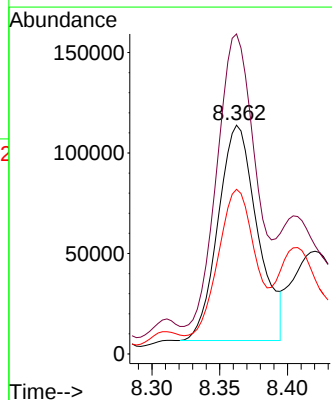
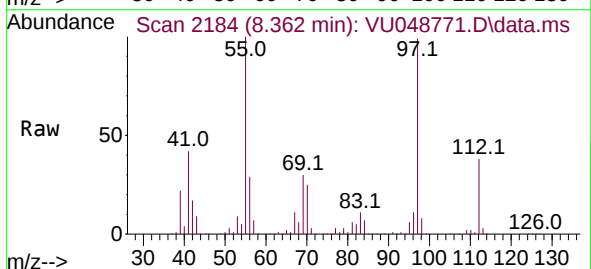
Instrument :
MSVOA_U
ClientSampleId :
SS-3

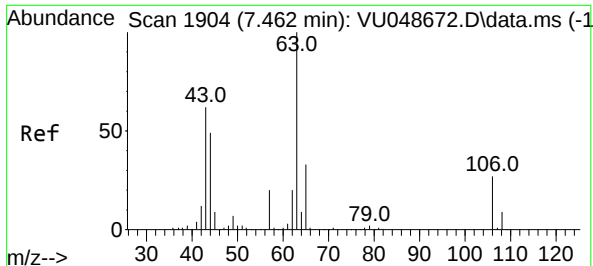
Tgt Ion: 97	Resp: 689736
Ion Ratio	Lower Upper
97 100	
83 10.5	70.2 105.4#
85 0.4	45.6 68.4#
99 0.3	49.7 74.5#



#56
Ethyl methacrylate
Concen: 34.974 ug/l
RT: 8.362 min Scan# 2184
Delta R.T. 0.029 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 69	Resp: 216248
Ion Ratio	Lower Upper
69 100	
41 131.1	50.6 76.0#
39 62.1	26.6 40.0#

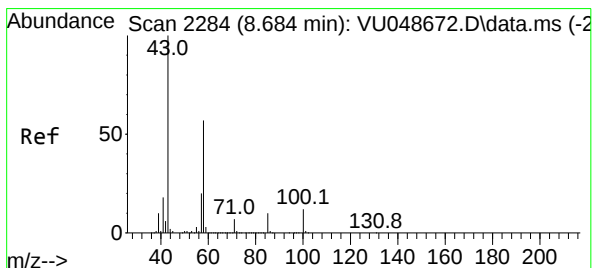
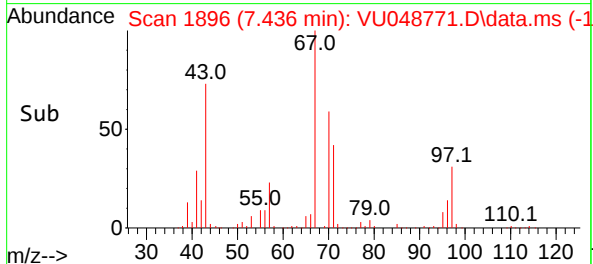
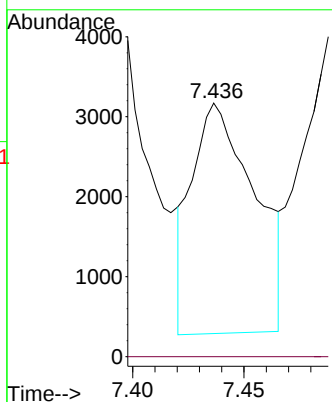
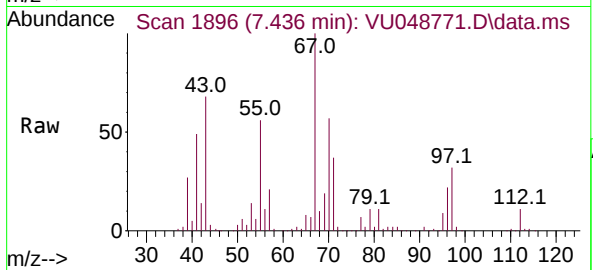




#58
2-Chloroethyl Vinyl ether
Concen: 33.227 ug/l
RT: 7.436 min Scan# 11
Delta R.T. -0.026 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

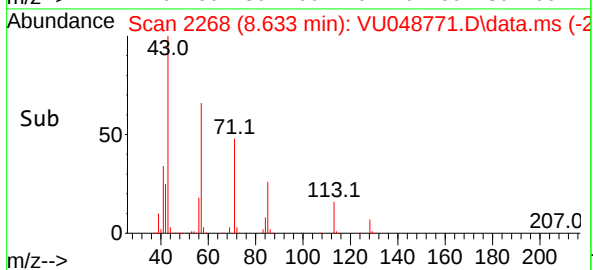
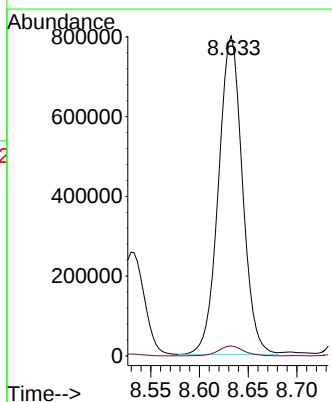
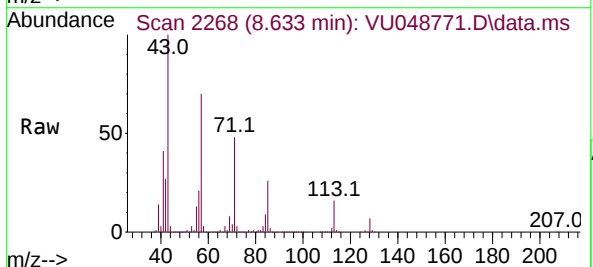
Instrument :
MSVOA_U
ClientSampleId :
SS-3

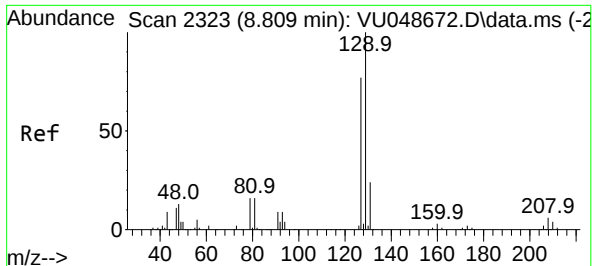
Tgt Ion: 63 Resp: 5640
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 271.463 ug/l
RT: 8.633 min Scan# 2268
Delta R.T. -0.051 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 43 Resp: 1365421
Ion Ratio Lower Upper
43 100
58 3.3 28.2 84.6#

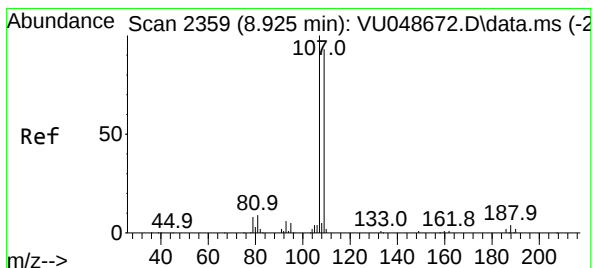
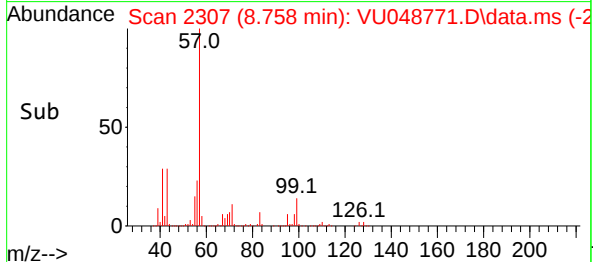
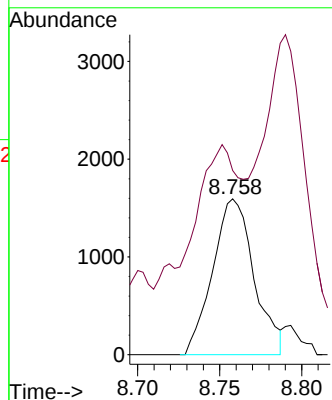
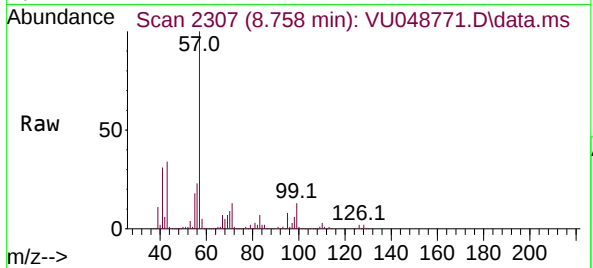




#60
Dibromochloromethane
Concen: 0.622 ug/l
RT: 8.758 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

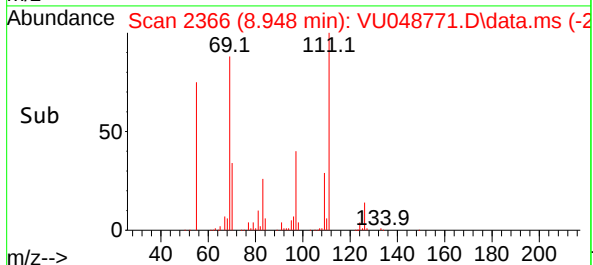
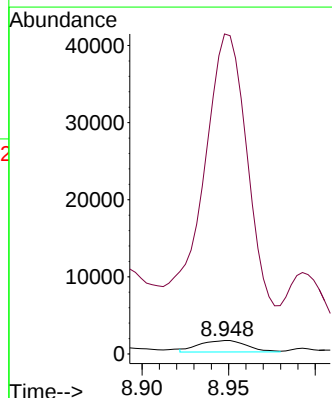
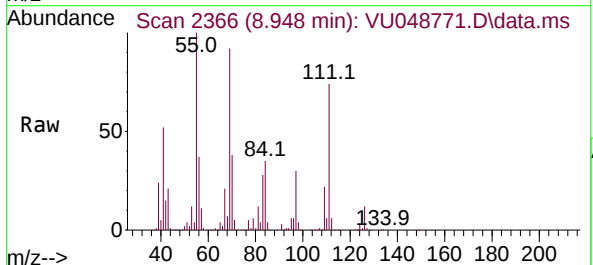
Instrument :
MSVOA_U
ClientSampleId :
SS-3

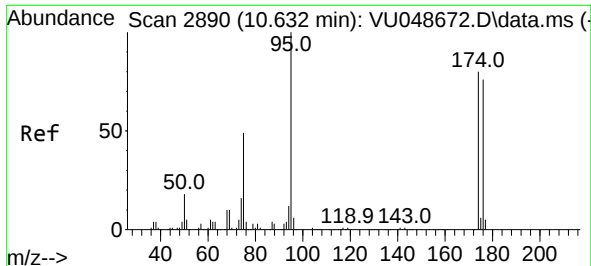
Tgt Ion:129 Resp: 2796
Ion Ratio Lower Upper
129 100
127 95.3 38.5 115.3



#61
1,2-Dibromoethane
Concen: 0.649 ug/l
RT: 8.948 min Scan# 2366
Delta R.T. 0.023 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion:107 Resp: 2864
Ion Ratio Lower Upper
107 100
109 2562.5 75.7 113.5#

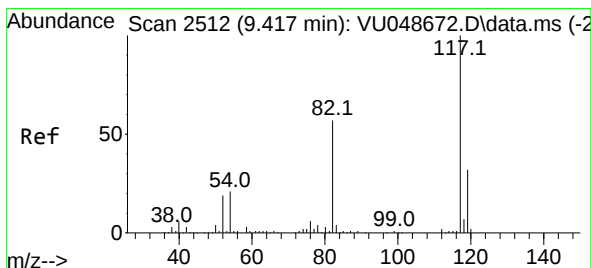
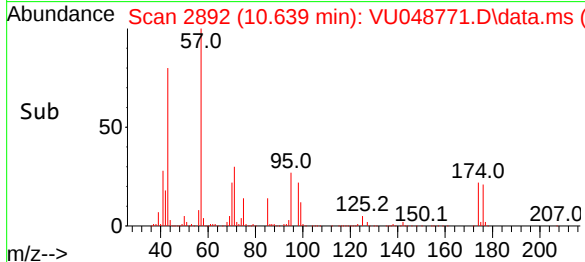
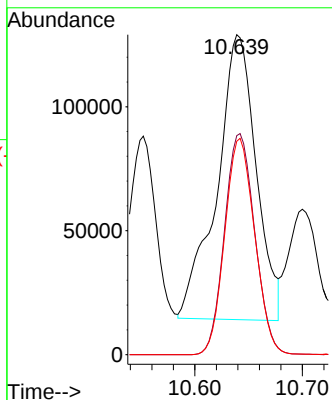
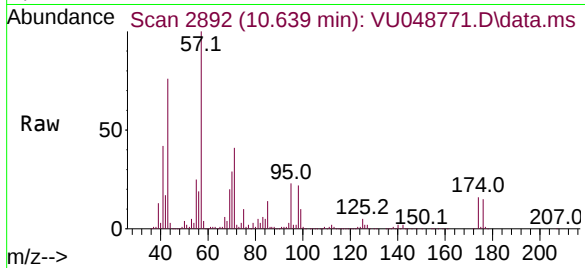




#62
4-Bromofluorobenzene
Concen: 61.060 ug/l
RT: 10.639 min Scan# 2163
Delta R.T. 0.007 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

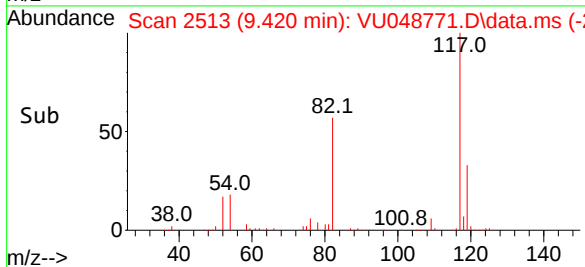
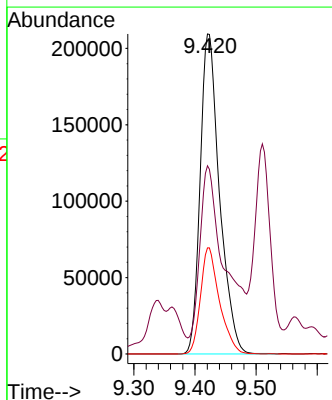
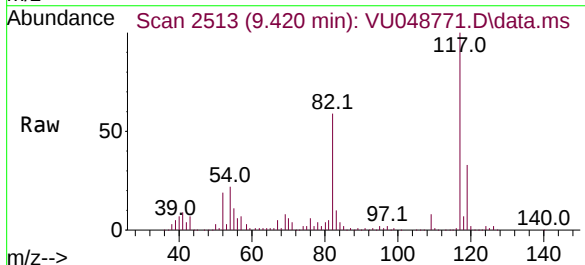
Instrument :
MSVOA_U
ClientSampleId :
SS-3

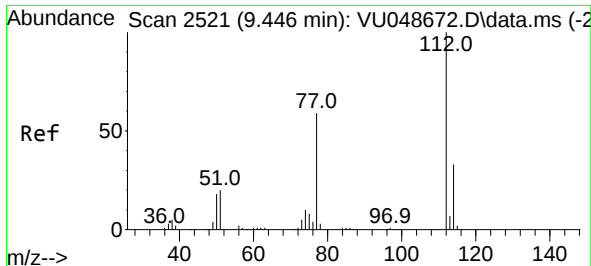
Tgt Ion: 95 Resp: 291663
Ion Ratio Lower Upper
95 100
174 60.0 0.0 159.4
176 58.0 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 117 Resp: 461318
Ion Ratio Lower Upper
117 100
82 48.5 45.3 67.9
119 33.2 25.4 38.2

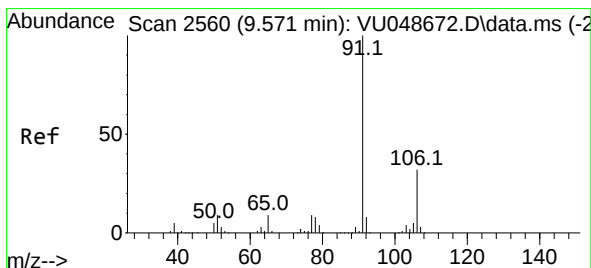
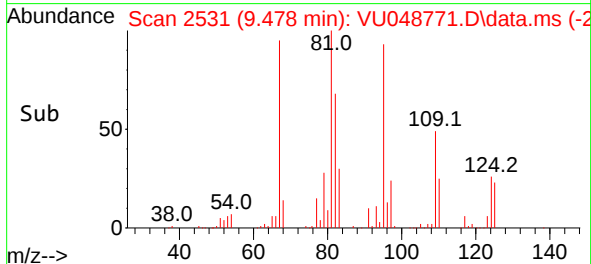
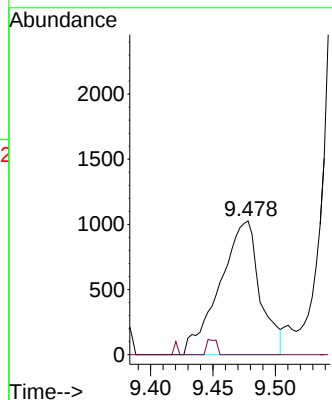
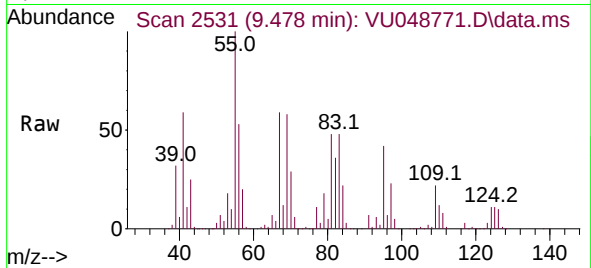




#65
Chlorobenzene
Concen: 0.235 ug/l
RT: 9.478 min Scan# 2531
Delta R.T. 0.032 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

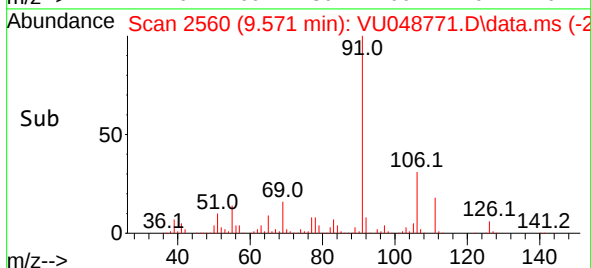
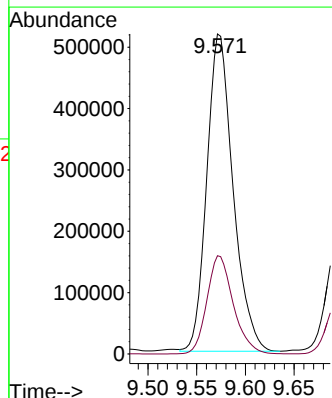
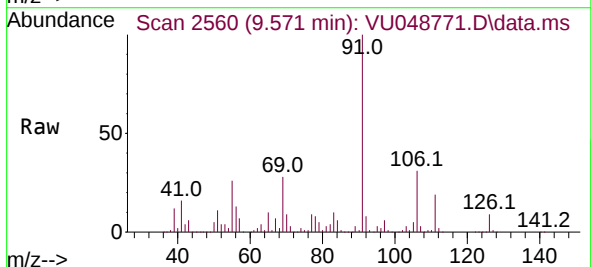
Instrument :
MSVOA_U
ClientSampleId :
SS-3

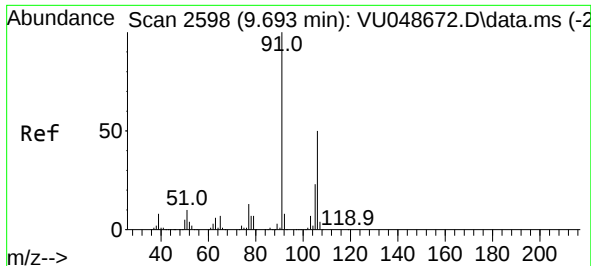
Tgt Ion:112 Resp: 2296
Ion Ratio Lower Upper
112 100
114 0.0 26.3 39.5#



#67
Ethyl Benzene
Concen: 58.920 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 91 Resp: 969594
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2

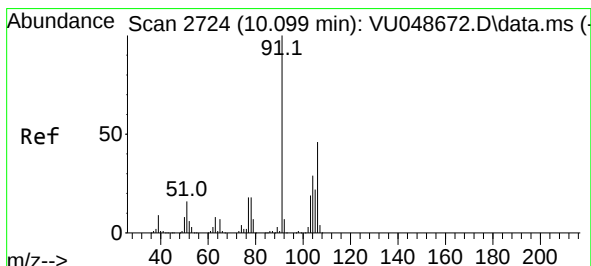
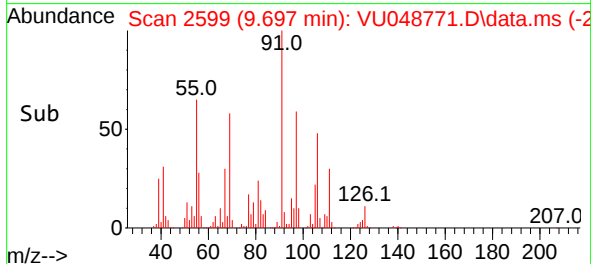
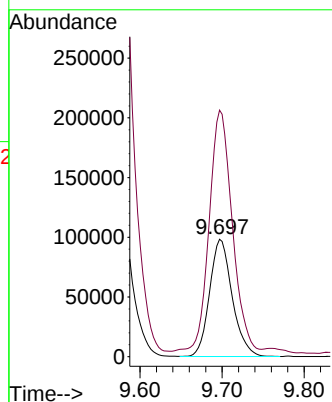
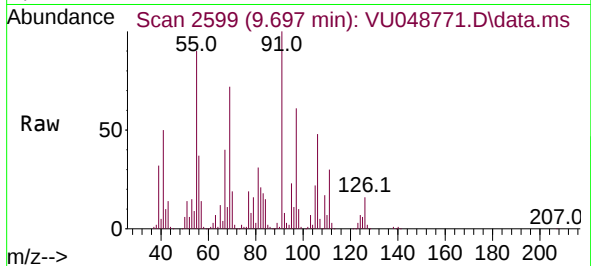




#68
m/p-Xylenes
Concen: 29.262 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

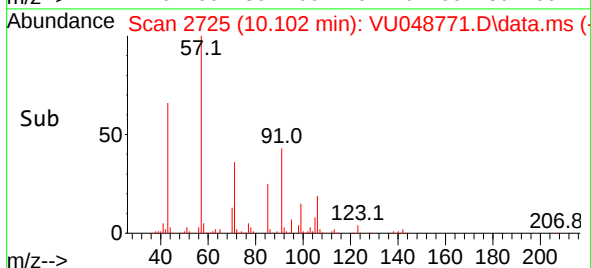
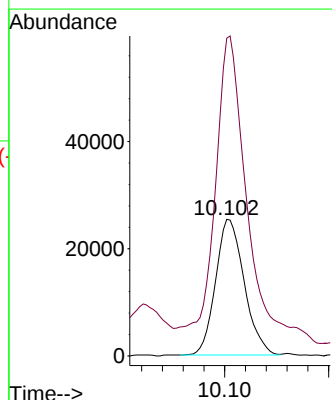
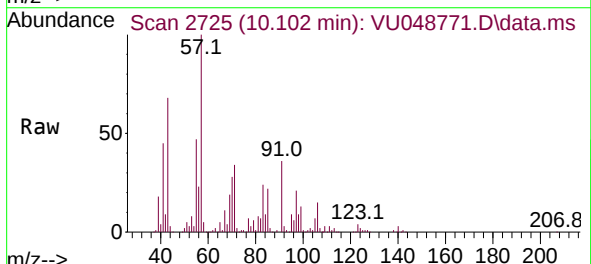
Instrument :
MSVOA_U
ClientSampleId :
SS-3

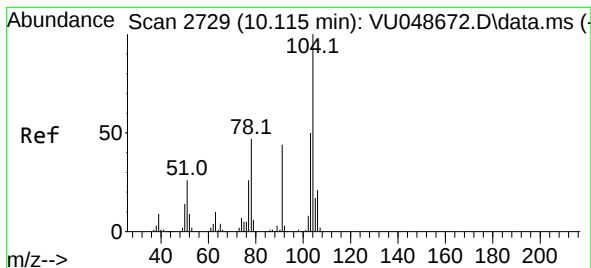
Tgt Ion:106 Resp: 188336
Ion Ratio Lower Upper
106 100
91 208.4 162.4 243.6



#69
o-Xylene
Concen: 7.646 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion:106 Resp: 48349
Ion Ratio Lower Upper
106 100
91 248.7 107.7 323.3





#70

Styrene

Concen: 0.490 ug/l

RT: 10.105 min Scan# 21

Delta R.T. -0.010 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

SS-3

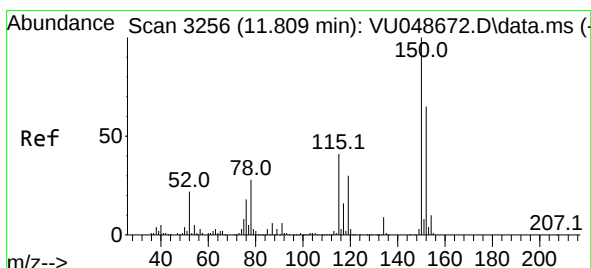
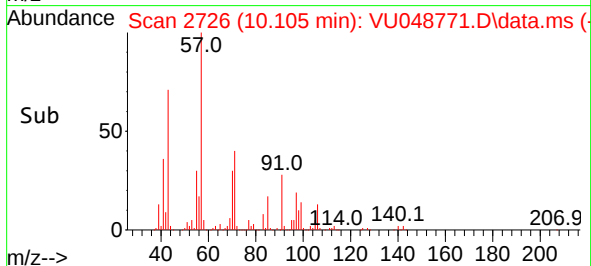
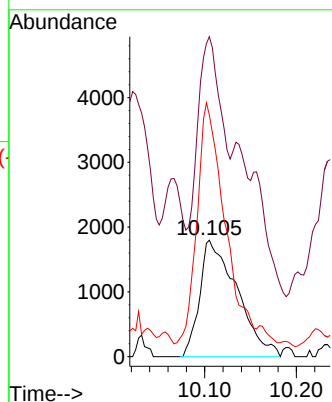
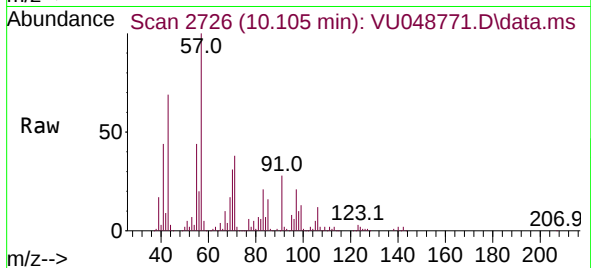
Tgt Ion:104 Resp: 5092

Ion Ratio Lower Upper

104 100

78 101.8 41.2 61.8#

103 152.7 43.4 65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.819 min Scan# 3259

Delta R.T. 0.010 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

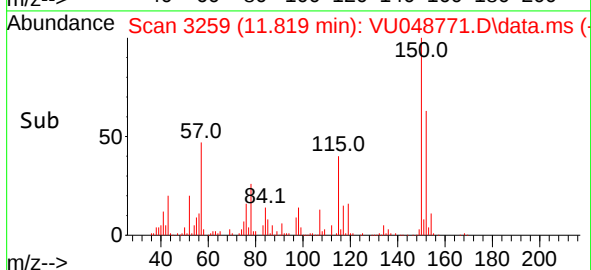
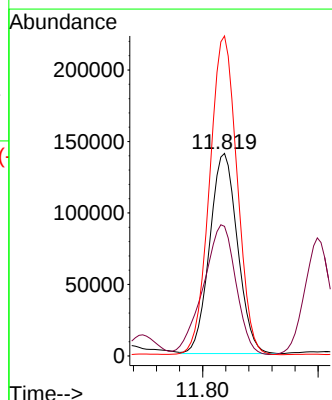
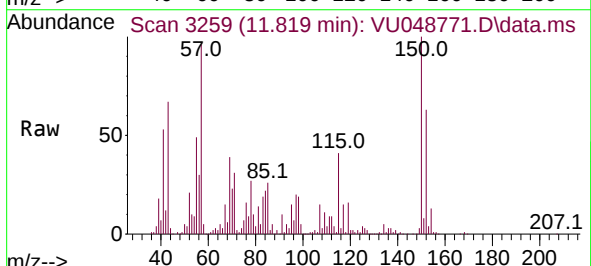
Tgt Ion:152 Resp: 234327

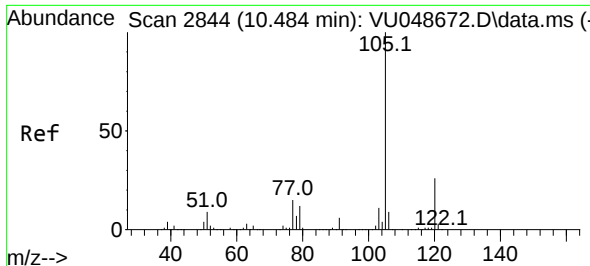
Ion Ratio Lower Upper

152 100

115 77.0 41.8 125.4

150 157.5 0.0 341.0

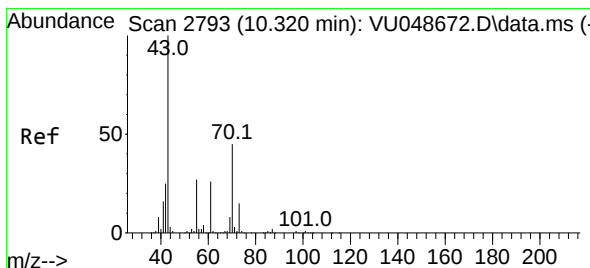
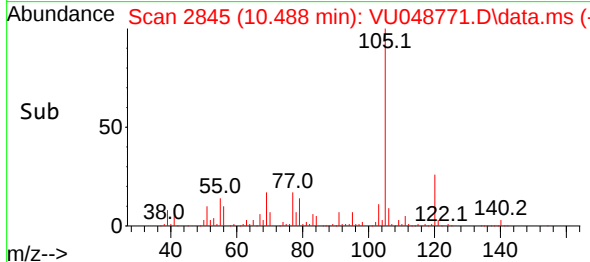
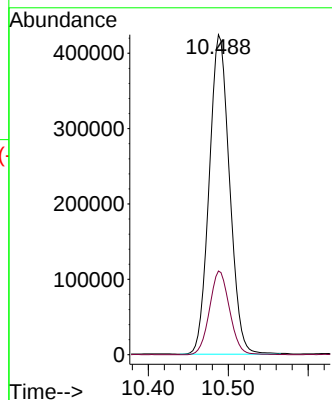
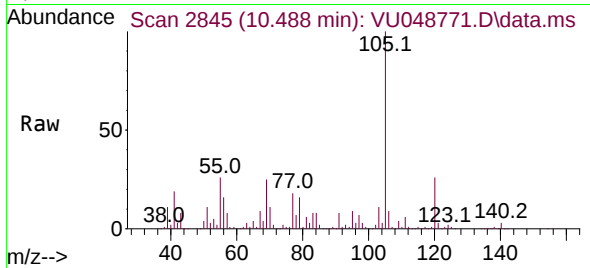




#73
Isopropylbenzene
Concen: 49.538 ug/l
RT: 10.488 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

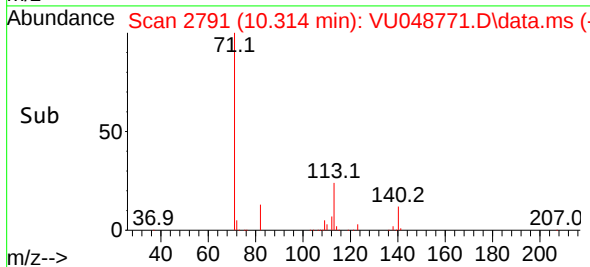
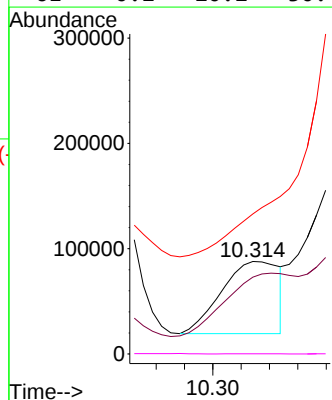
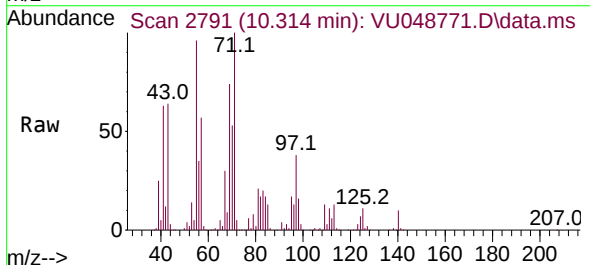
Instrument :
MSVOA_U
ClientSampleId :
SS-3

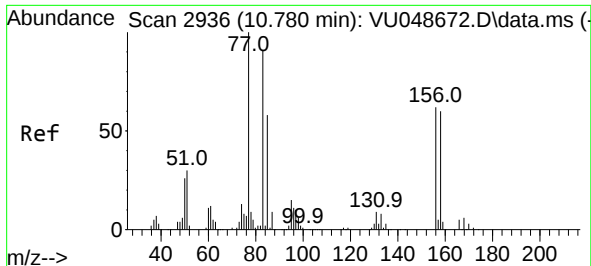
Tgt Ion:105 Resp: 749409
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6



#74
N-ethyl acetate
Concen: 14.523 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. -0.006 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 43 Resp: 97126
Ion Ratio Lower Upper
43 100
70 106.0 35.8 53.6#
55 0.0 21.1 31.7#
61 0.2 20.2 30.4#

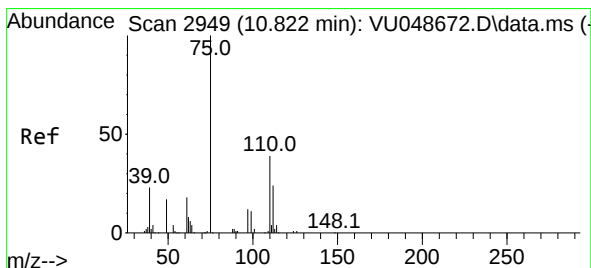
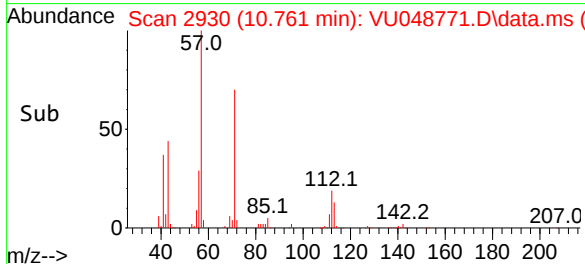
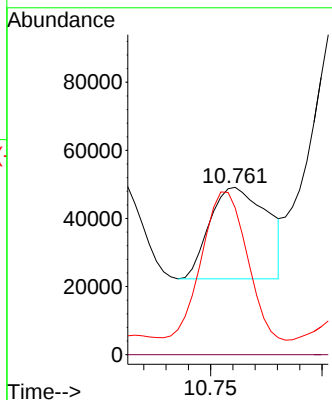
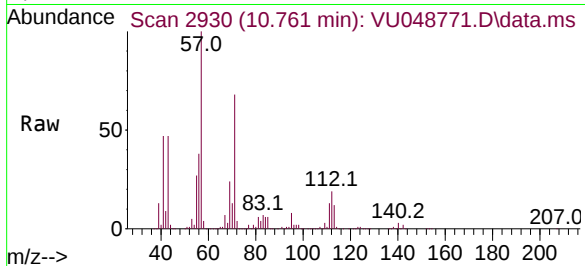




#75
1,1,2,2-Tetrachloroethane
Concen: 7.831 ug/l
RT: 10.761 min Scan# 2936
Delta R.T. -0.019 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

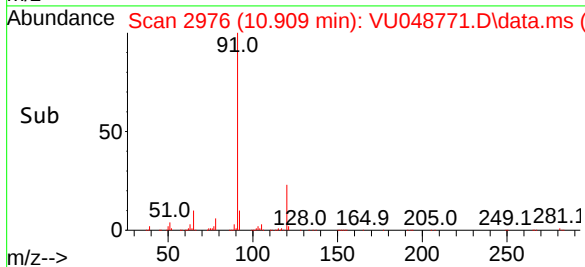
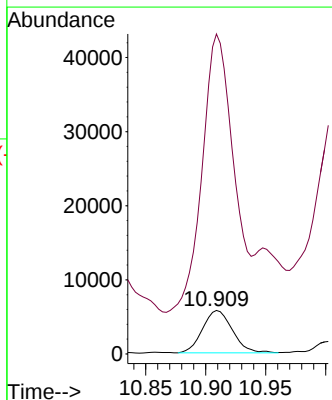
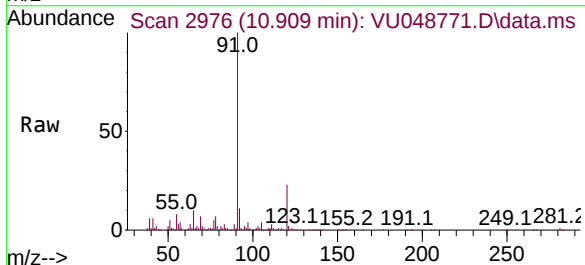
Instrument :
MSVOA_U
ClientSampleId :
SS-3

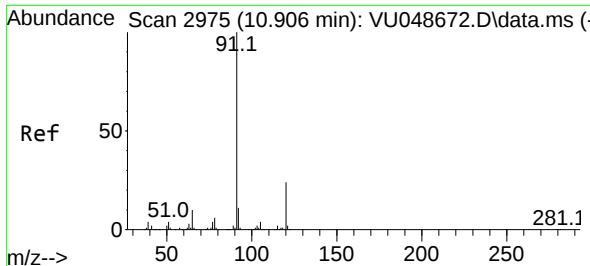
Tgt Ion: 83 Resp: 48343
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 126.8 32.5 97.4#



#76
1,2,3-Trichloropropane
Concen: 1.307 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.087 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 75 Resp: 9872
Ion Ratio Lower Upper
75 100
77 693.4 14.8 44.3#

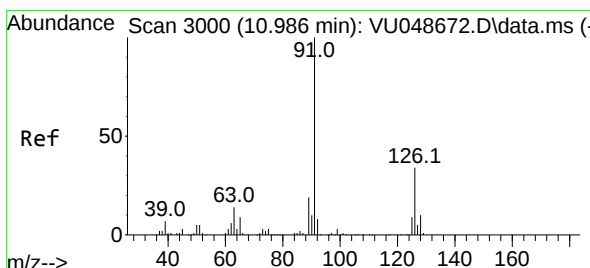
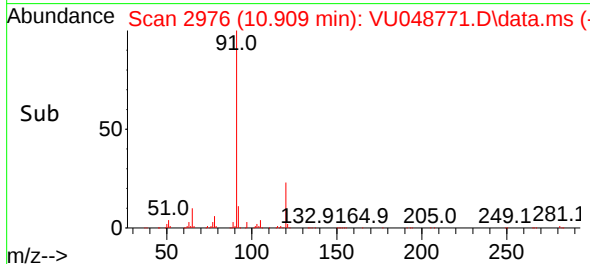
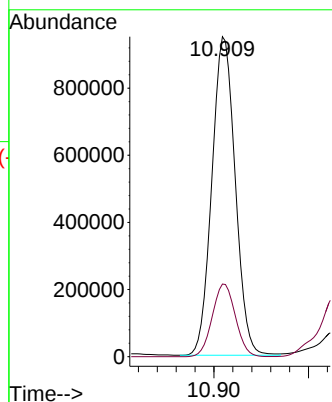
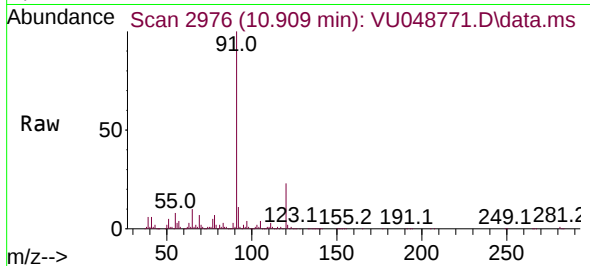




#78
n-propylbenzene
Concen: 90.357 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

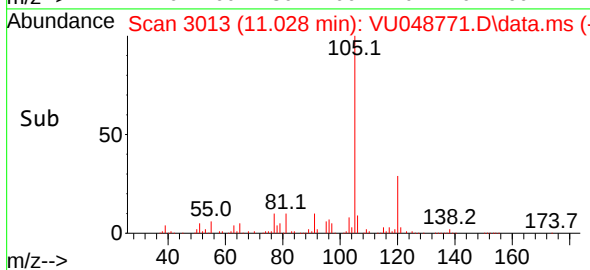
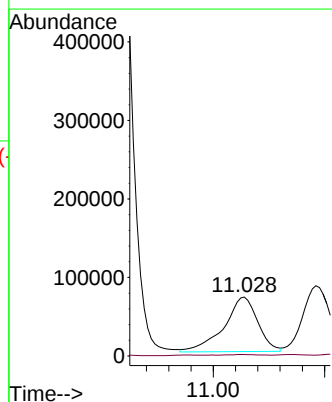
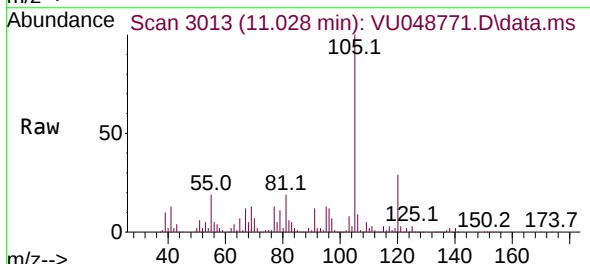
Instrument :
MSVOA_U
ClientSampleId :
SS-3

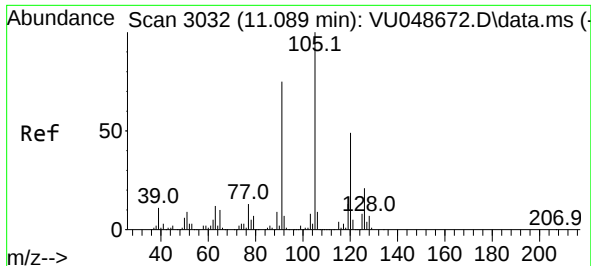
Tgt Ion: 91 Resp: 1628805
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7



#79
2-Chlorotoluene
Concen: 13.100 ug/l
RT: 11.028 min Scan# 3013
Delta R.T. 0.042 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 91 Resp: 146852
Ion Ratio Lower Upper
91 100
126 1.3 16.7 50.0#

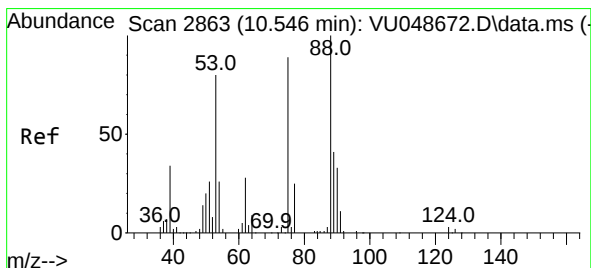
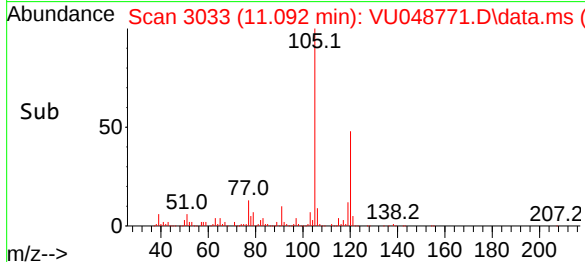
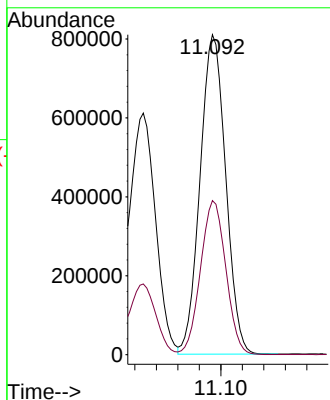
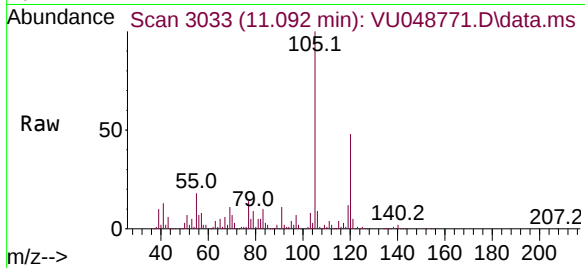




#80
 1,3,5-Trimethylbenzene
 Concen: 101.692 ug/l
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VU048771.D
 Acq: 01 Jun 2022 04:57

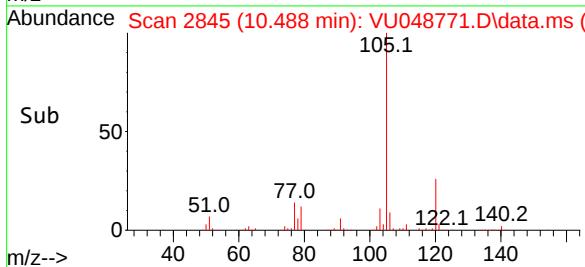
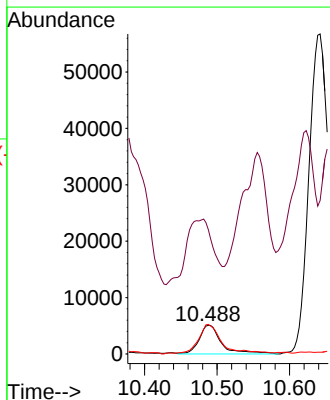
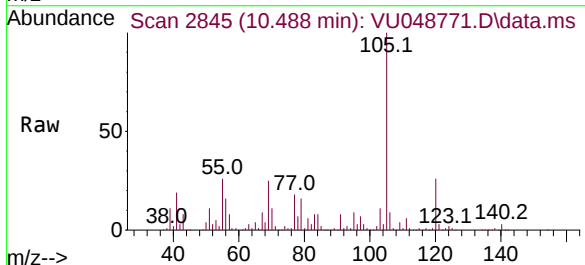
Instrument :
 MSVOA_U
 ClientSampleId :
 SS-3

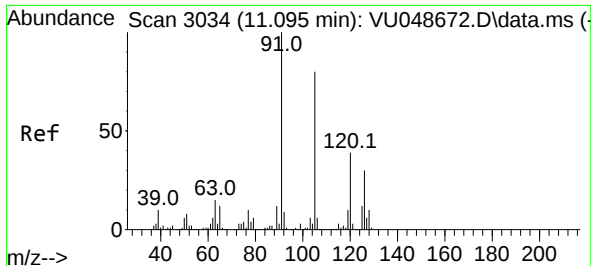
Tgt Ion:105 Resp: 1337835
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.193 ug/l
 RT: 10.488 min Scan# 2845
 Delta R.T. -0.058 min
 Lab File: VU048771.D
 Acq: 01 Jun 2022 04:57

Tgt Ion: 75 Resp: 10806
 Ion Ratio Lower Upper
 75 100
 53 272.0 72.5 108.7#
 89 92.9 37.0 55.4#

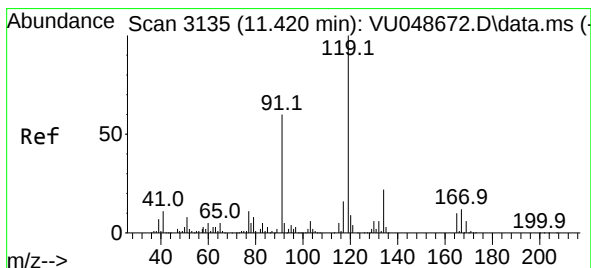
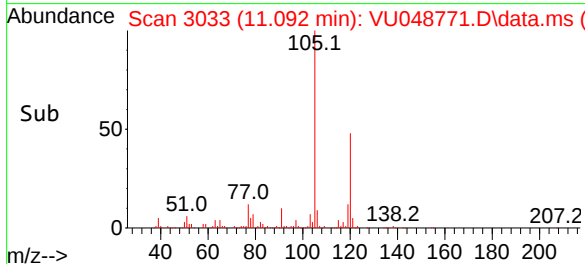
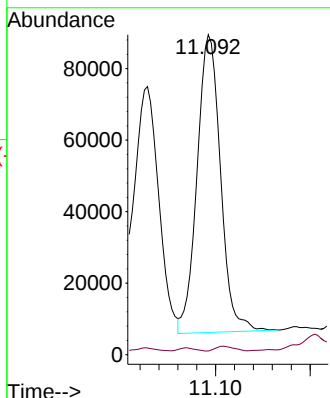
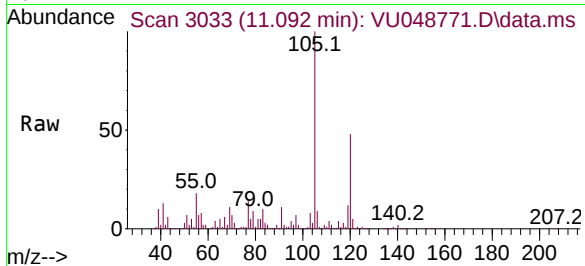




#82
4-Chlorotoluene
Concen: 11.083 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

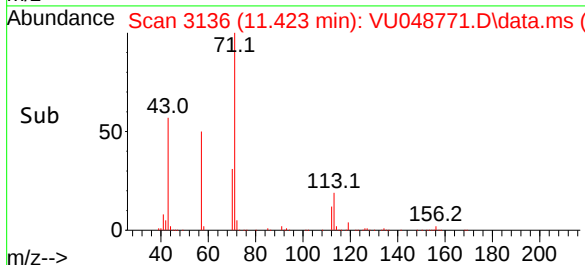
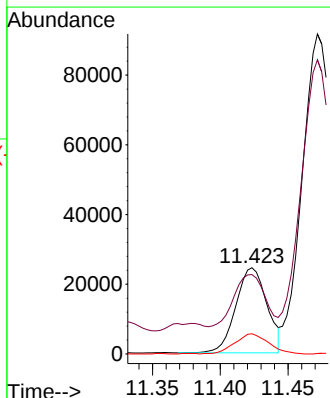
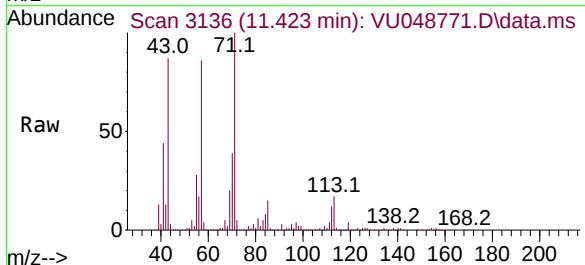
Instrument :
MSVOA_U
ClientSampleId :
SS-3

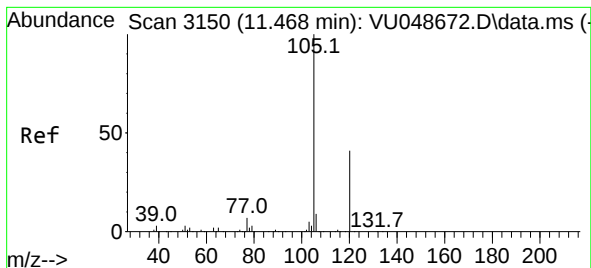
Tgt Ion: 91 Resp: 143351
Ion Ratio Lower Upper
91 100
126 1.3 14.4 43.2#



#83
tert-Butylbenzene
Concen: 3.096 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 119 Resp: 39089
Ion Ratio Lower Upper
119 100
91 60.4 28.7 86.1
134 25.6 10.8 32.4





#84

1,2,4-Trimethylbenzene

Concen: 84.785 ug/l

RT: 11.472 min Scan# 3151

Delta R.T. 0.004 min

Lab File: VU048771.D

Acq: 01 Jun 2022 04:57

Instrument :

MSVOA_U

ClientSampleId :

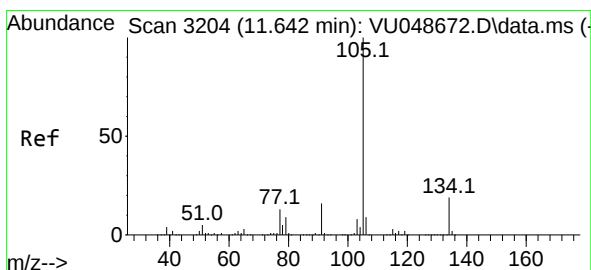
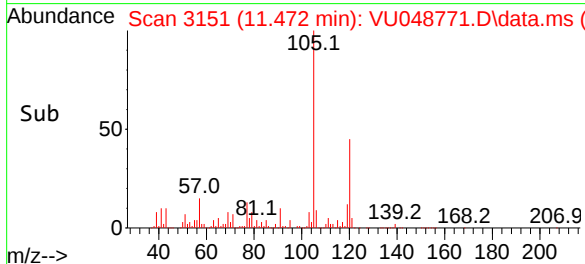
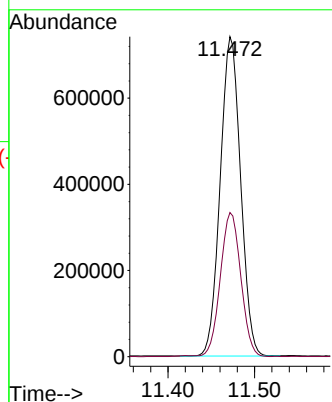
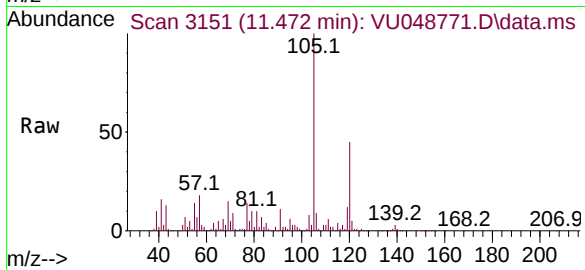
SS-3

Tgt Ion:105 Resp: 1214096

Ion Ratio Lower Upper

105 100

120 45.0 22.5 67.5



#85

sec-Butylbenzene

Concen: 28.666 ug/l

RT: 11.648 min Scan# 3206

Delta R.T. 0.007 min

Lab File: VU048771.D

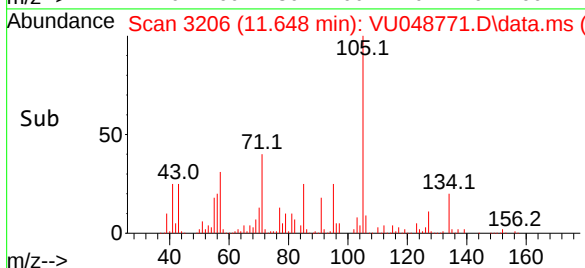
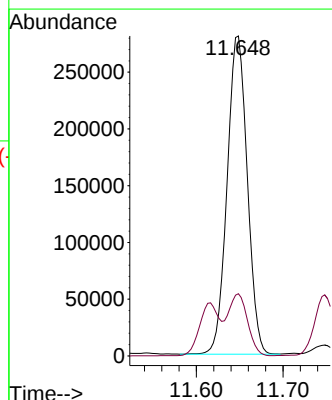
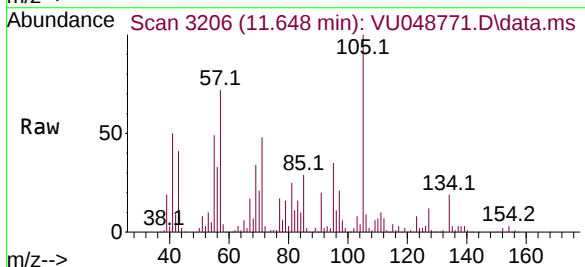
Acq: 01 Jun 2022 04:57

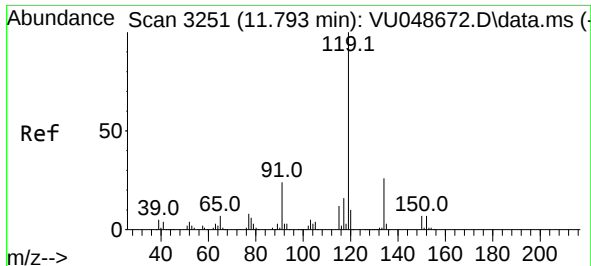
Tgt Ion:105 Resp: 452806

Ion Ratio Lower Upper

105 100

134 17.9 9.6 28.6

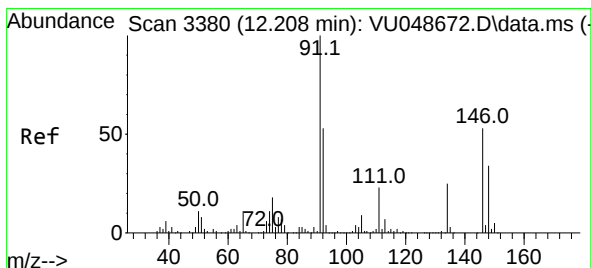
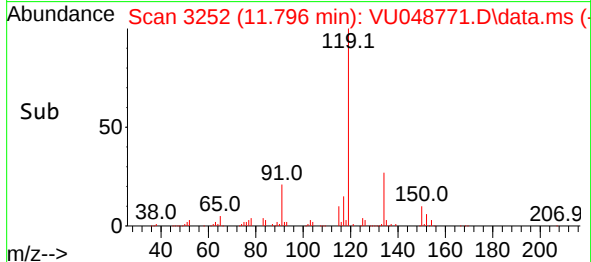
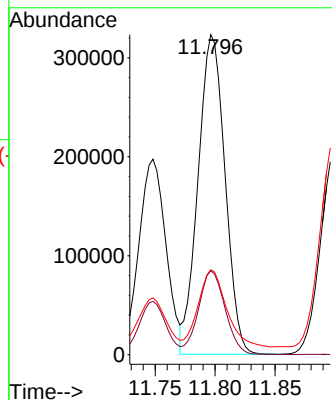
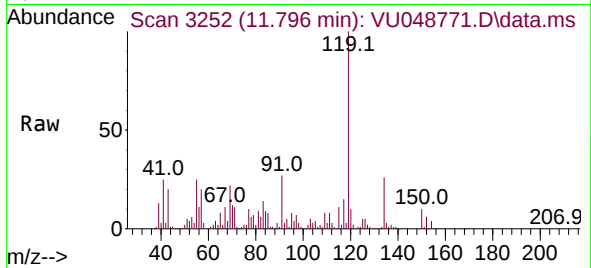




#86
p-Isopropyltoluene
Concen: 37.187 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

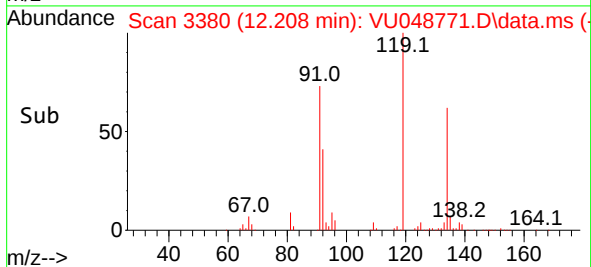
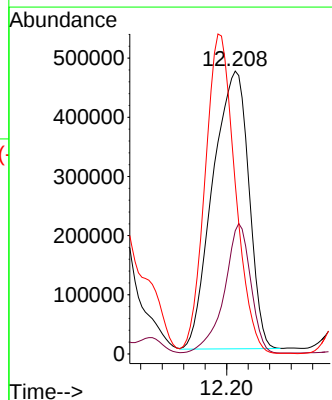
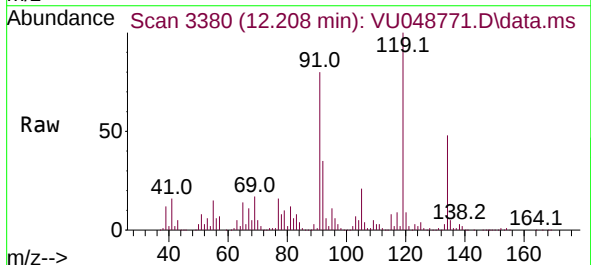
Instrument :
MSVOA_U
ClientSampleId :
SS-3

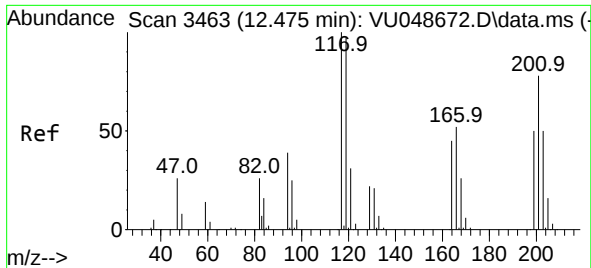
Tgt Ion:119 Resp: 504451
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.4
91 26.3 12.0 36.0



#89
n-Butylbenzene
Concen: 79.028 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 91 Resp: 1091055
Ion Ratio Lower Upper
91 100
92 34.2 25.9 77.8
134 96.4 12.5 37.5#

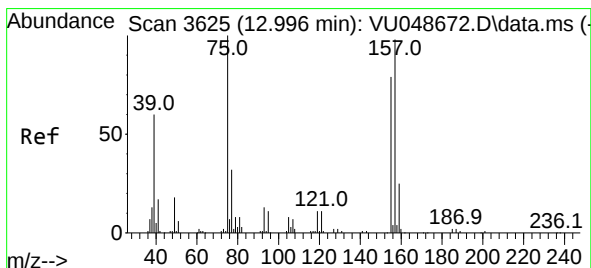
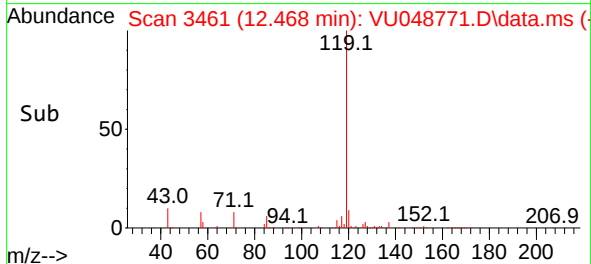
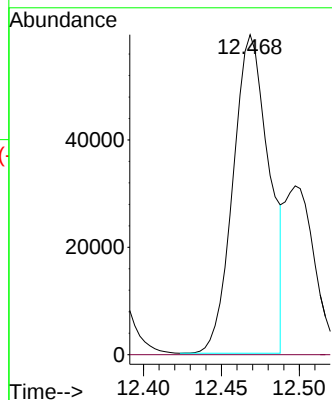
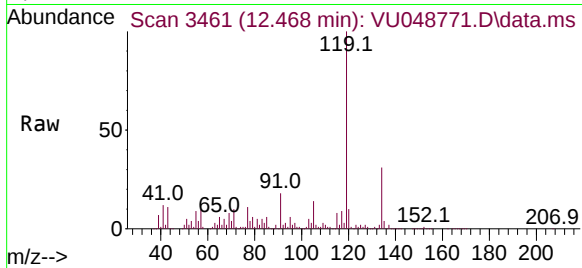




#90
Hexachloroethane
Concen: 34.539 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.006 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

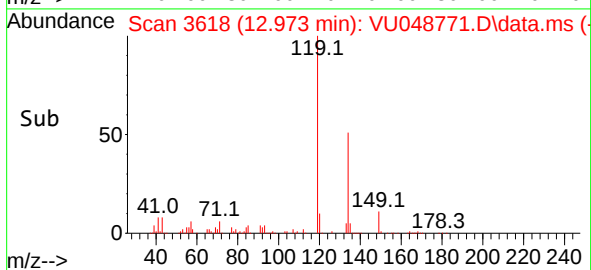
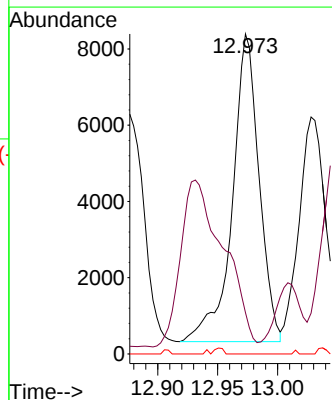
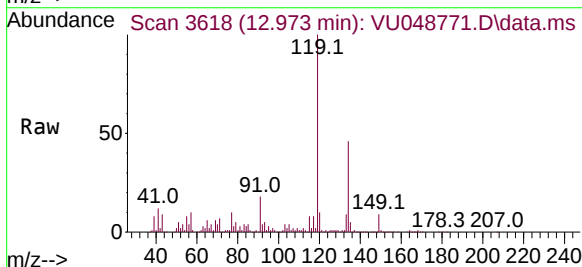
Instrument :
MSVOA_U
ClientSampleId :
SS-3

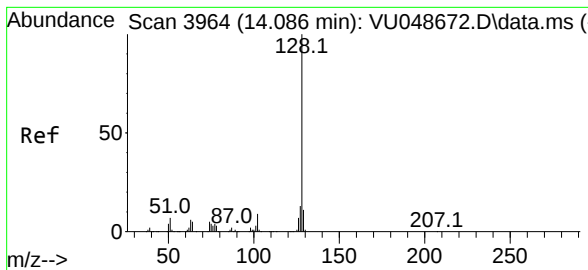
Tgt Ion:117 Resp: 95618
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.040 ug/l
RT: 12.973 min Scan# 3618
Delta R.T. -0.022 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Tgt Ion: 75 Resp: 12514
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.8#
157 0.0 50.0 150.0#





#95
Naphthalene
Concen: 150.155 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048771.D
Acq: 01 Jun 2022 04:57

Instrument :
MSVOA_U
ClientSampleId :
SS-3

Tgt Ion:128 Resp: 2868129
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.3 8.7 13.1

