

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048734.D
 Acq On : 31 May 2022 12:46
 Operator : SY/MD
 Sample : VU0531WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

Quant Time: Jun 01 02:14:23 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	5.375	168	259549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	421738	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	404993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	210155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	187431	48.085	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.160%
35) Dibromofluoromethane	5.292	113	148965	49.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	7.899	98	515887	47.832	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.660%
62) 4-Bromofluorobenzene	10.632	95	203896	49.988	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54520	18.349	ug/l	100
3) Chloromethane	1.520	50	67244	17.580	ug/l	100
4) Vinyl Chloride	1.604	62	67026	18.920	ug/l	96
5) Bromomethane	1.851	94	47292	21.476	ug/l	100
6) Chloroethane	1.932	64	39954	19.004	ug/l	98
7) Trichlorofluoromethane	2.137	101	89955	17.779	ug/l	96
8) Diethyl Ether	2.375	74	35070	18.783	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.581	101	48697	17.583	ug/l	98
10) Methyl Iodide	2.723	142	23424	8.356	ug/l	100
11) Tert butyl alcohol	3.176	59	77984	78.913	ug/l #	43
12) 1,1-Dichloroethene	2.578	96	49441	18.716	ug/l	99
13) Acrolein	2.485	56	17334	49.523	ug/l	98
14) Allyl chloride	2.925	41	97622	19.080	ug/l	98
15) Acrylonitrile	3.311	53	214798	100.218	ug/l	98
16) Acetone	2.623	43	195039	98.183	ug/l	99
17) Carbon Disulfide	2.793	76	133051	17.253	ug/l	100
18) Methyl Acetate	2.948	43	96610	19.370	ug/l	96
19) Methyl tert-butyl Ether	3.366	73	196505	19.605	ug/l	98
20) Methylene Chloride	3.044	84	64194	19.003	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	54900	18.168	ug/l	96
22) Diisopropyl ether	3.993	45	202713	21.478	ug/l	96
23) Vinyl Acetate	3.957	43	845815	103.436	ug/l	99
24) 1,1-Dichloroethane	3.867	63	114081	19.246	ug/l	99
25) 2-Butanone	4.700	43	291998	102.320	ug/l	100
26) 2,2-Dichloropropane	4.665	77	94329	17.738	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	66863	19.116	ug/l	96
28) Bromochloromethane	4.977	49	53362	22.951	ug/l	95
29) Tetrahydrofuran	5.051	42	187313	104.204	ug/l	95
30) Chloroform	5.089	83	114795	19.355	ug/l	99
31) Cyclohexane	5.391	56	98678	20.088	ug/l	96
32) 1,1,1-Trichloroethane	5.317	97	100095	18.602	ug/l	99
36) 1,1-Dichloropropene	5.526	75	83542	19.025	ug/l	98
37) Ethyl Acetate	4.803	43	104862	18.889	ug/l	99
38) Carbon Tetrachloride	5.526	117	88120	17.491	ug/l	99
39) Methylcyclohexane	6.764	83	88984	19.326	ug/l	98
40) Benzene	5.774	78	247330	19.078	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	56883	20.277	ug/l	98
42) 1,2-Dichloroethane	5.796	62	94356	18.593	ug/l	100
43) Isopropyl Acetate	5.912	43	155948	19.355	ug/l	99
44) Trichloroethene	6.542	130	61121	18.300	ug/l	95
45) 1,2-Dichloropropane	6.793	63	67710	20.746	ug/l	96
46) Dibromomethane	6.919	93	46640	19.127	ug/l	97
47) Bromodichloromethane	7.108	83	94962	19.258	ug/l	99
48) Methyl methacrylate	6.960	41	72451	20.030	ug/l	98
49) 1,4-Dioxane	6.964	88	26241	324.532	ug/l	94
51) 4-Methyl-2-Pentanone	7.790	43	531269	101.546	ug/l	99
52) Toluene	7.970	92	149416	19.268	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	99598	18.724	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	105926	19.217	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	62312	18.207	ug/l	96
56) Ethyl methacrylate	8.333	69	96780	19.573	ug/l	98
57) 1,3-Dichloropropane	8.575	76	114411	19.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	83361	89.815	ug/l	97
59) 2-Hexanone	8.684	43	423728	98.653	ug/l	99
60) Dibromochloromethane	8.812	129	73050	19.042	ug/l	99
61) 1,2-Dibromoethane	8.925	107	68674	18.221	ug/l	99
64) Tetrachloroethene	8.555	164	53376	18.276	ug/l	96
65) Chlorobenzene	9.446	112	162556	18.978	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	60683	18.664	ug/l	98
67) Ethyl Benzene	9.571	91	283437	19.619	ug/l	98
68) m/p-Xylenes	9.693	106	222202	39.326	ug/l	99
69) o-Xylene	10.102	106	108394	19.526	ug/l	99
70) Styrene	10.115	104	179434	19.652	ug/l	99
71) Bromoform	10.291	173	57759	19.214	ug/l #	98
73) Isopropylbenzene	10.484	105	287893	21.219	ug/l	99
74) N-amyl acetate	10.320	43	123666	19.583	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	114967	20.765	ug/l	97
76) 1,2,3-Trichloropropane	10.825	75	132207	19.511	ug/l	98
77) Bromobenzene	10.783	156	72828	19.987	ug/l	97
78) n-propylbenzene	10.906	91	351901	21.767	ug/l	98
79) 2-Chlorotoluene	10.986	91	213138	21.200	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	251335	21.302	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	33769	18.095	ug/l	96
82) 4-Chlorotoluene	11.099	91	244702	21.095	ug/l	98
83) tert-Butylbenzene	11.420	119	231419	20.436	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	245210	20.013	ug/l	98
85) sec-Butylbenzene	11.645	105	300653	21.222	ug/l	99
86) p-Isopropyltoluene	11.793	119	256242	21.063	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	140675	19.691	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	142803	19.348	ug/l	99
89) n-Butylbenzene	12.208	91	232365	20.433	ug/l	100
90) Hexachloroethane	12.478	117	46621	18.777	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	139819	19.374	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	29884	18.746	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	86645	18.296	ug/l	98
94) Hexachlorobutadiene	14.021	225	38033	16.755	ug/l	99
95) Naphthalene	14.089	128	266769	17.843	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	87289	18.609	ug/l	100

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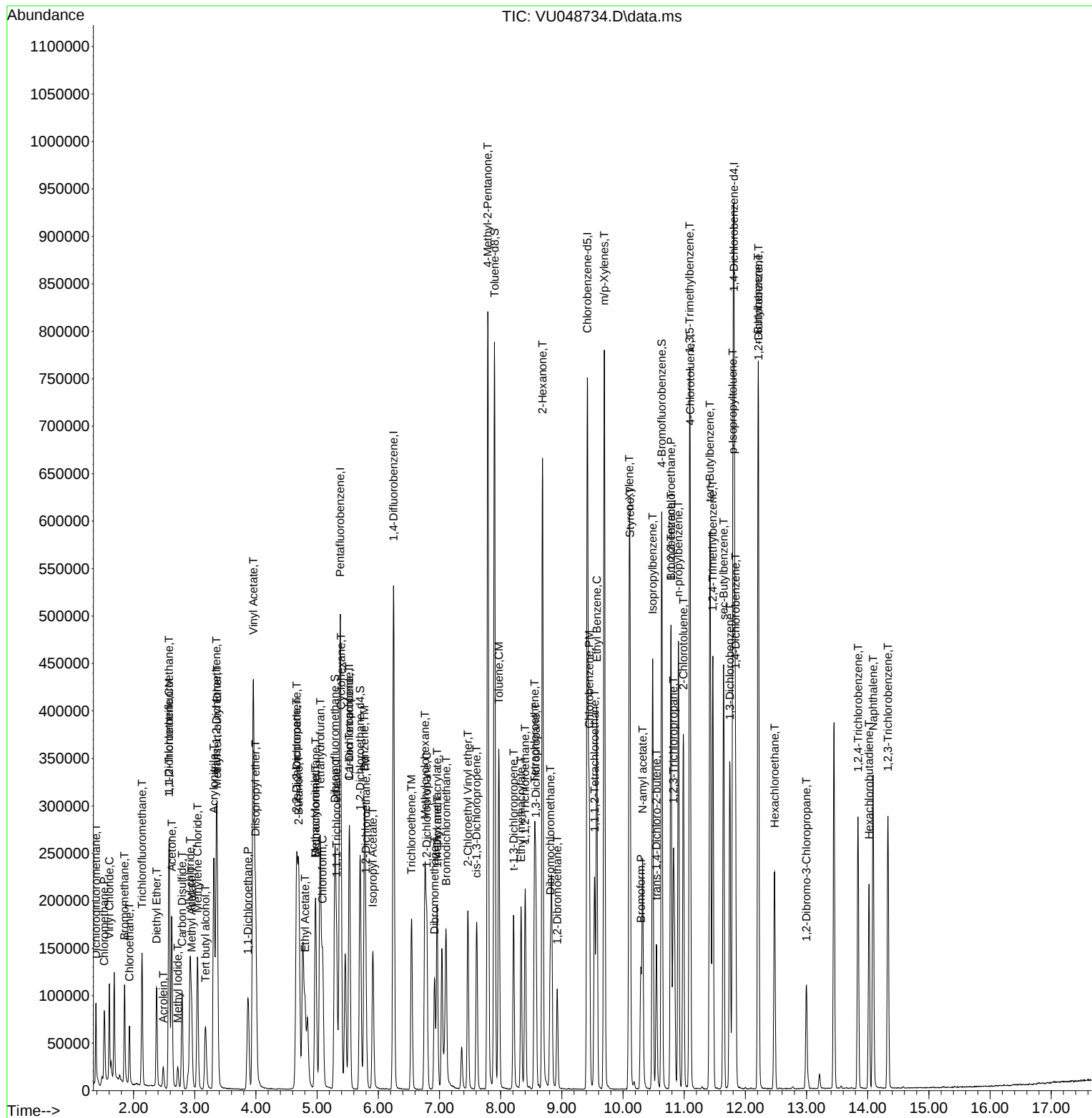
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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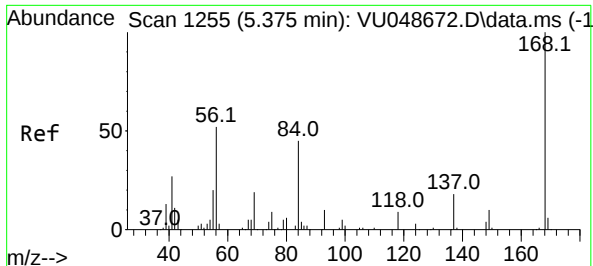
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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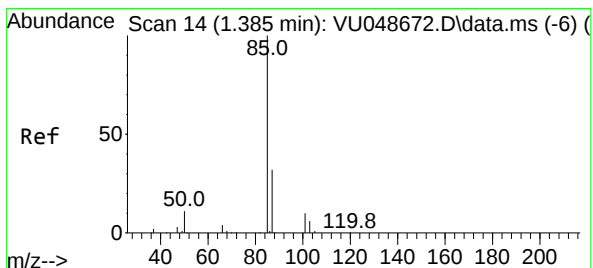
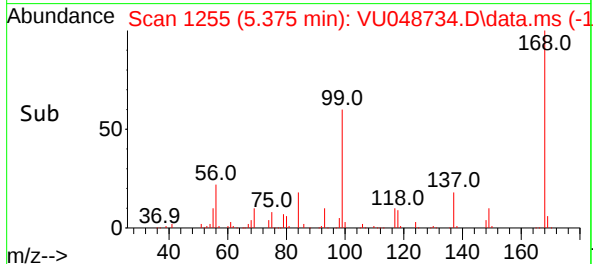
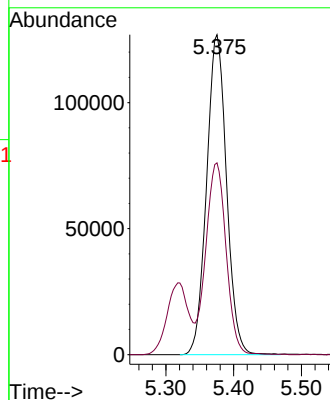
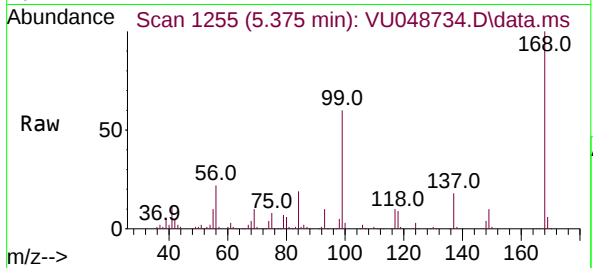




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
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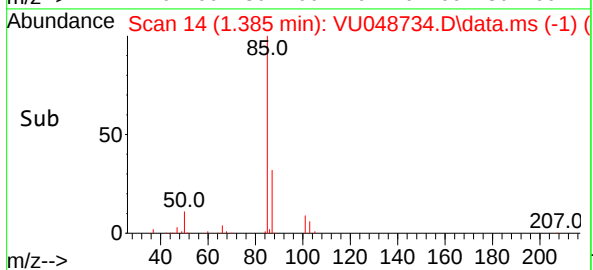
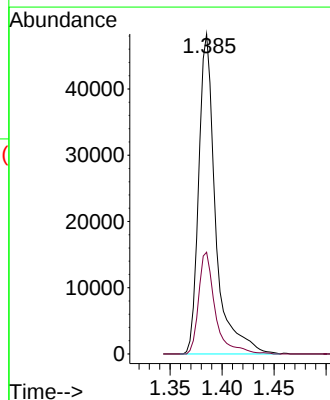
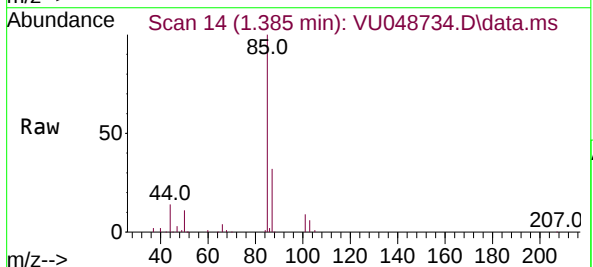
Instrument :
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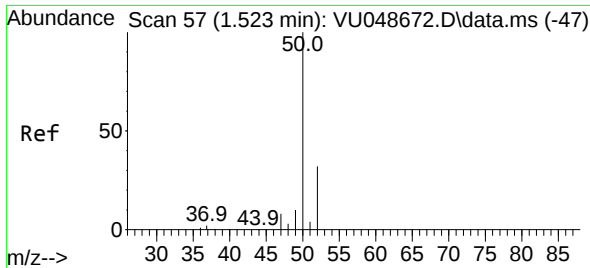
Tgt Ion:168 Resp: 259549
Ion Ratio Lower Upper
168 100
99 59.8 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 18.349 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 85 Resp: 54520
Ion Ratio Lower Upper
85 100
87 31.8 16.0 48.0

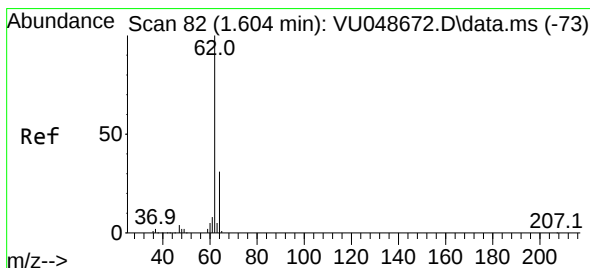
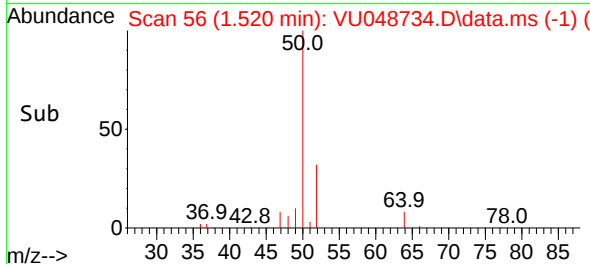
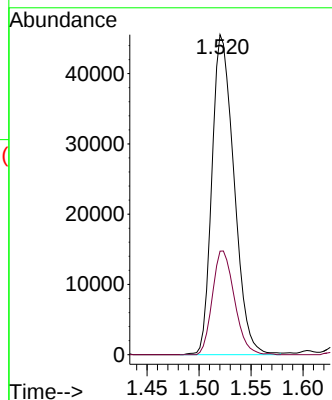
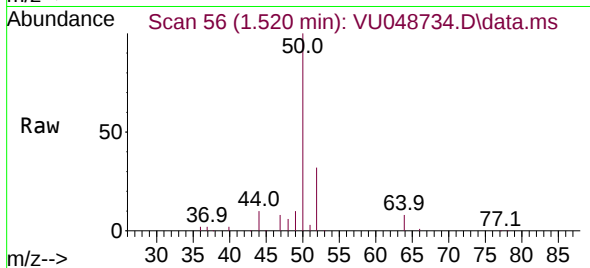




#3
Chloromethane
Concen: 17.580 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048734.D
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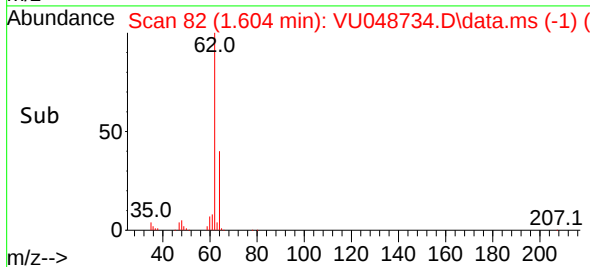
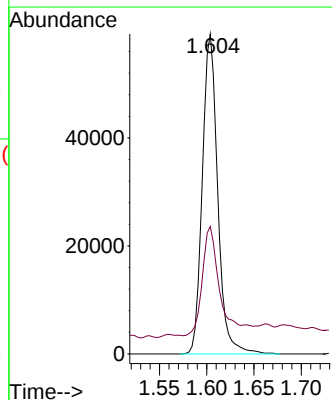
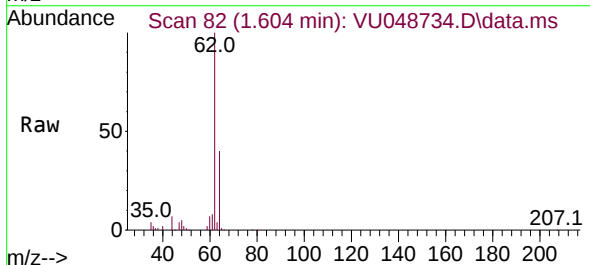
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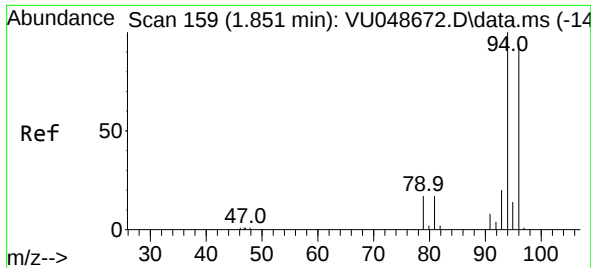
Tgt Ion: 50 Resp: 67244
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5



#4
Vinyl Chloride
Concen: 18.920 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048734.D
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Tgt Ion: 62 Resp: 67026
Ion Ratio Lower Upper
62 100
64 33.9 25.2 37.8

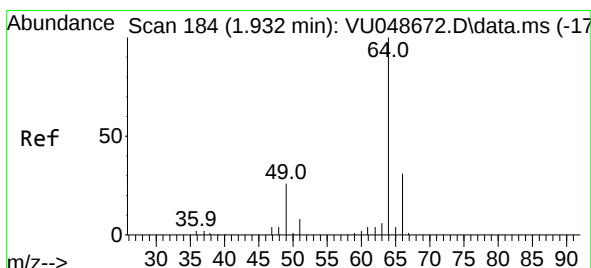
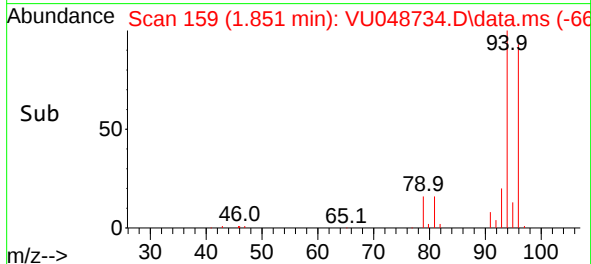
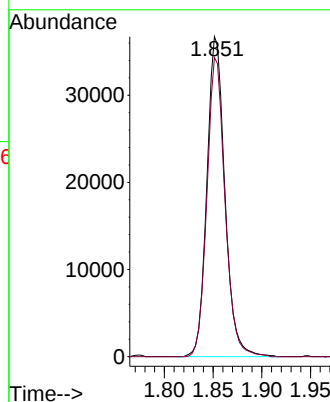
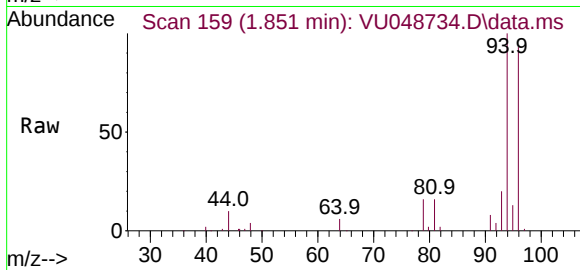




#5
Bromomethane
Concen: 21.476 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.000 min
Lab File: VU048734.D
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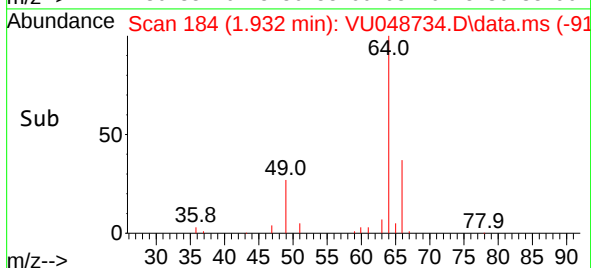
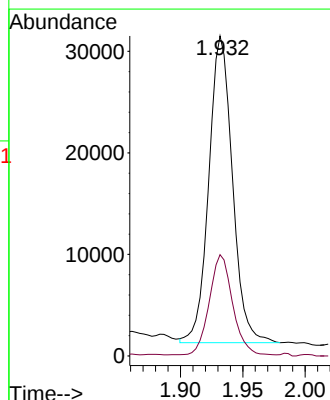
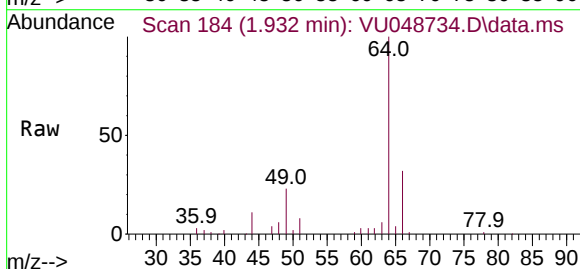
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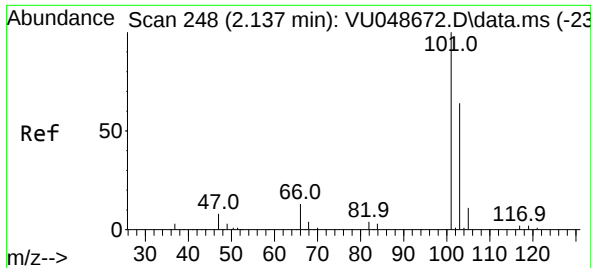
Tgt Ion: 94 Resp: 47292
Ion Ratio Lower Upper
94 100
96 93.4 75.1 112.7



#6
Chloroethane
Concen: 19.004 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 39954
Ion Ratio Lower Upper
64 100
66 32.6 25.2 37.8

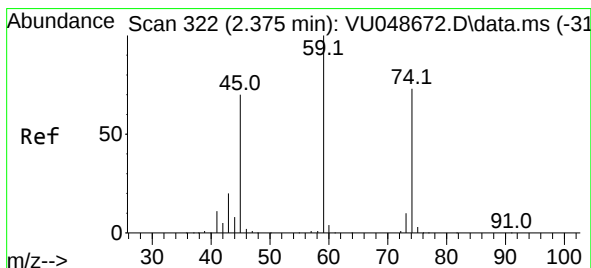
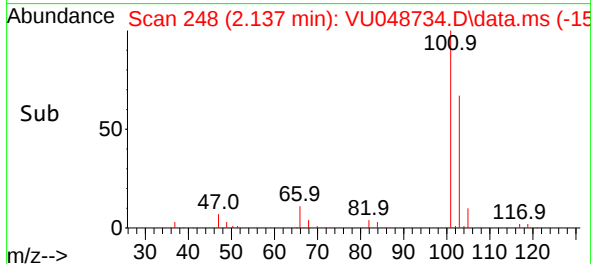
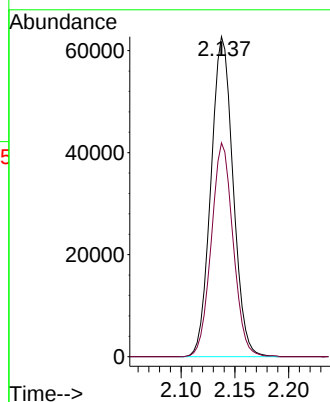
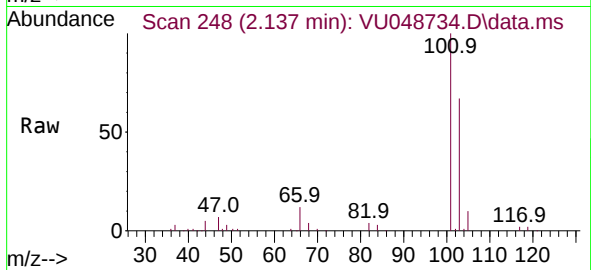




#7
 Trichlorofluoromethane
 Concen: 17.779 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

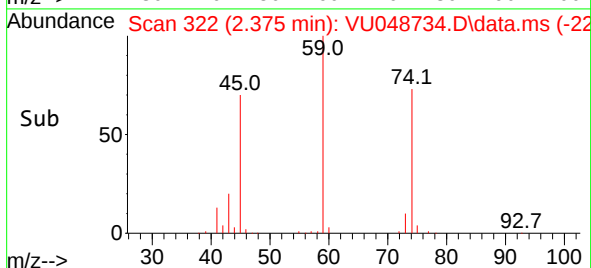
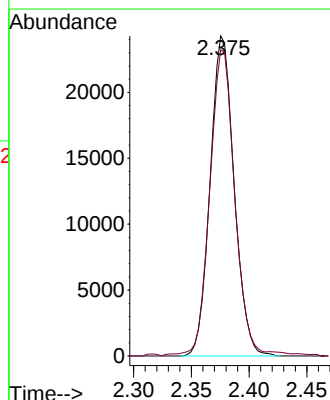
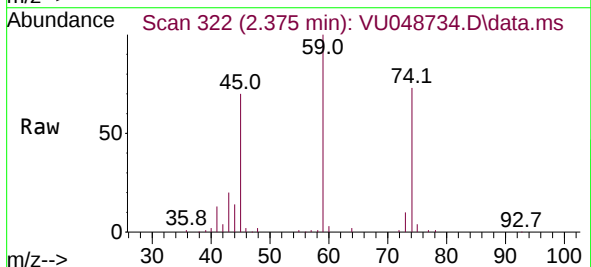
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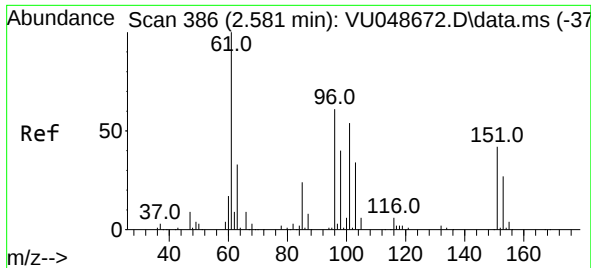
Tgt Ion:101 Resp: 89955
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.0 76.4



#8
 Diethyl Ether
 Concen: 18.783 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU048734.D
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Tgt Ion: 74 Resp: 35070
 Ion Ratio Lower Upper
 74 100
 45 100.3 47.7 143.1

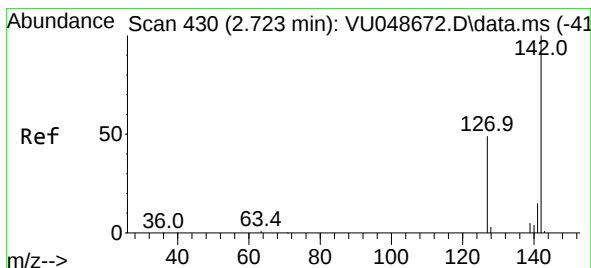
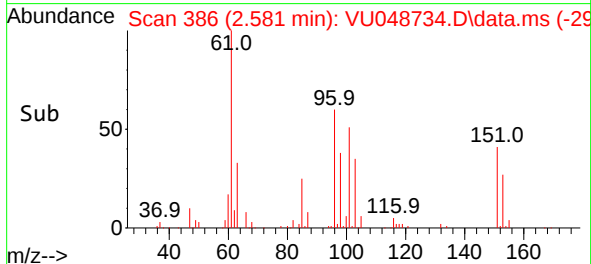
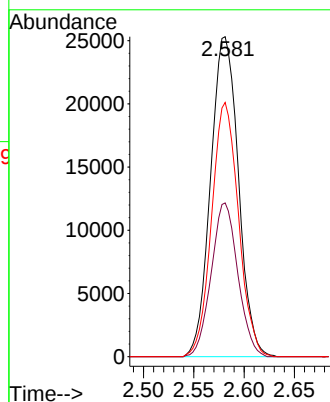
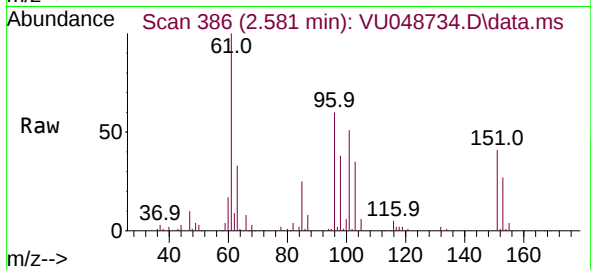




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.583 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

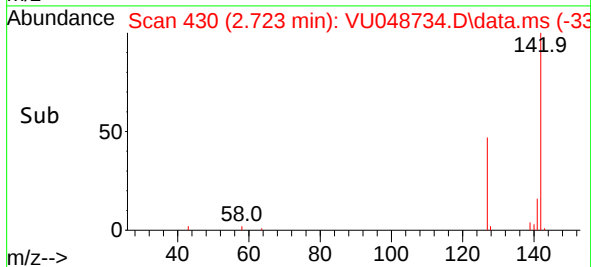
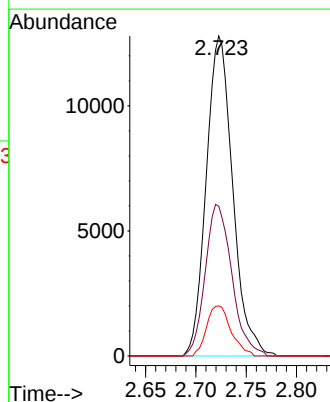
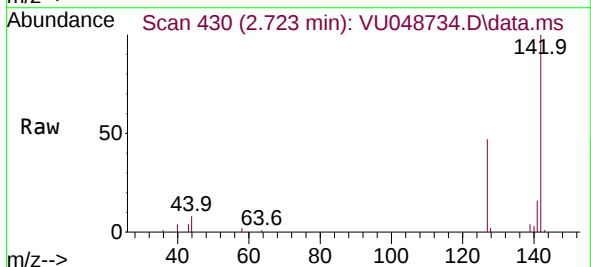
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

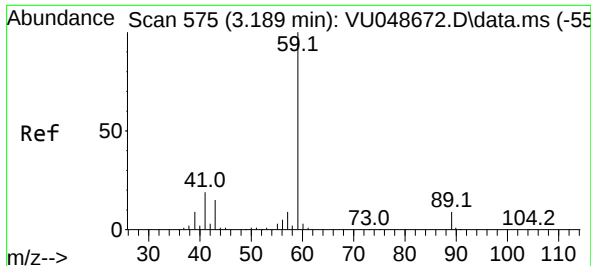
Tgt Ion:101 Resp: 48697
Ion Ratio Lower Upper
101 100
85 46.0 35.4 53.2
151 76.8 62.5 93.7



#10
Methyl Iodide
Concen: 8.356 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion:142 Resp: 23424
Ion Ratio Lower Upper
142 100
127 47.7 38.4 57.6
141 14.5 11.5 17.3

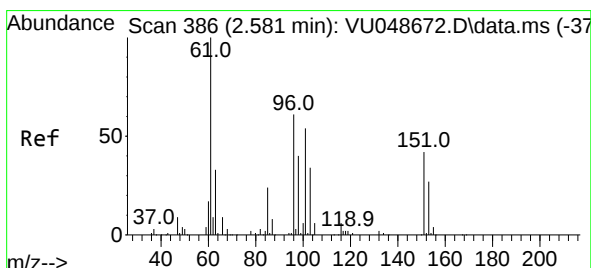
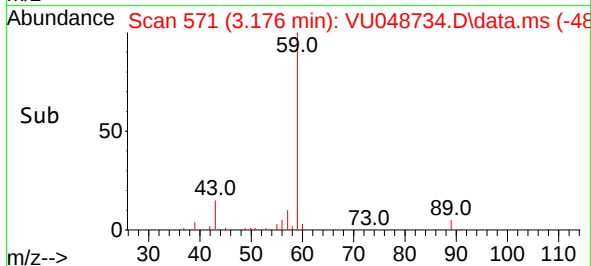
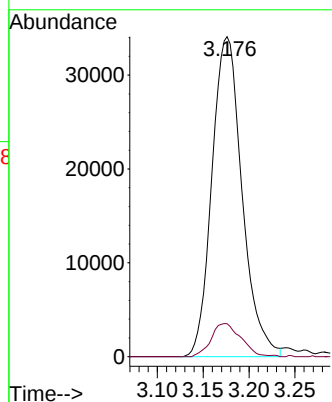
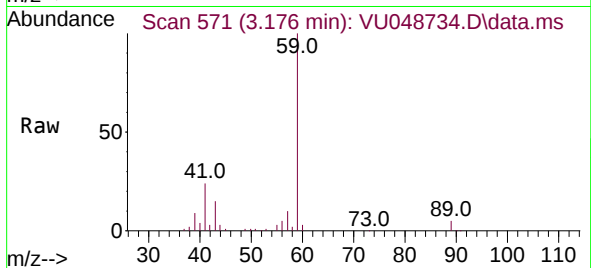




#11
Tert butyl alcohol
Concen: 78.913 ug/l
RT: 3.176 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

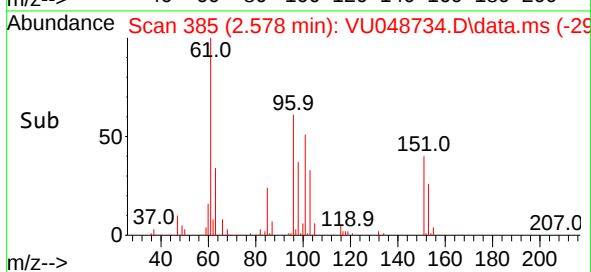
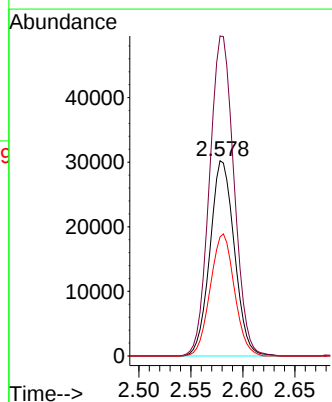
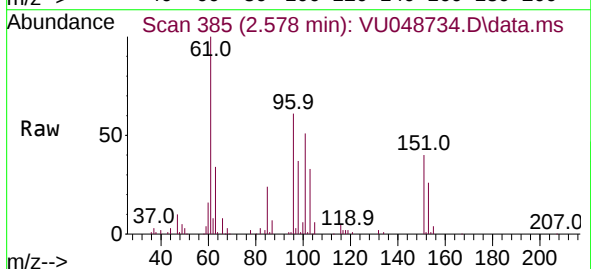
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

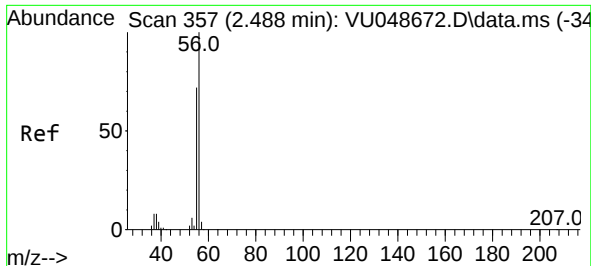
Tgt Ion: 59 Resp: 77984
Ion Ratio Lower Upper
59 100
57 10.2 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 18.716 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 96 Resp: 49441
Ion Ratio Lower Upper
96 100
61 164.0 131.1 196.7
98 61.0 51.8 77.8

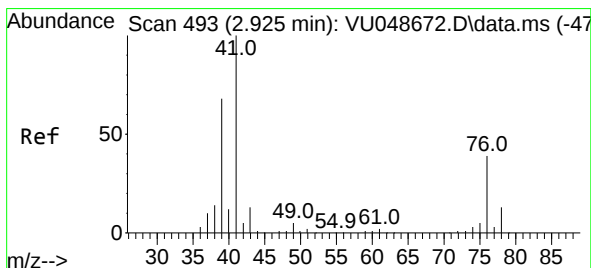
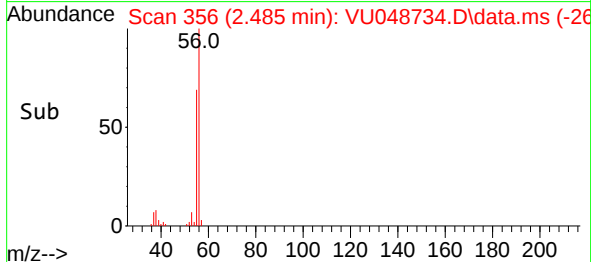
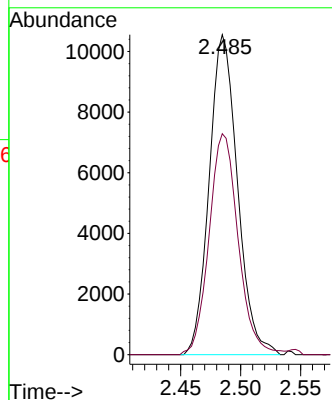
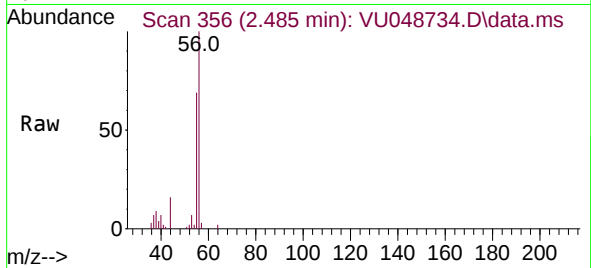




#13
Acrolein
Concen: 49.523 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

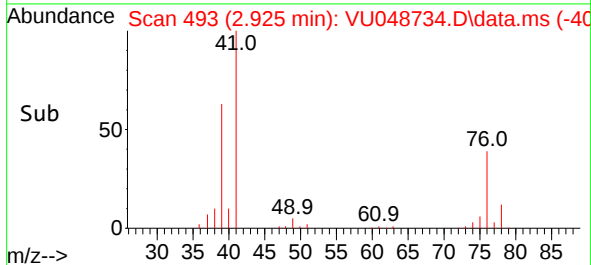
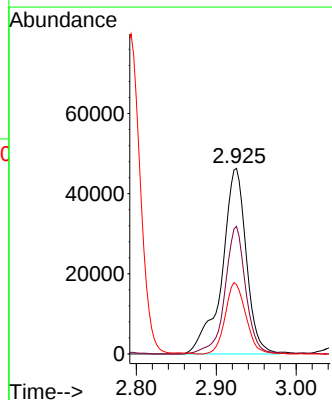
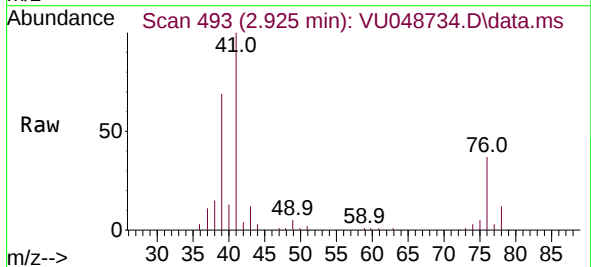
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

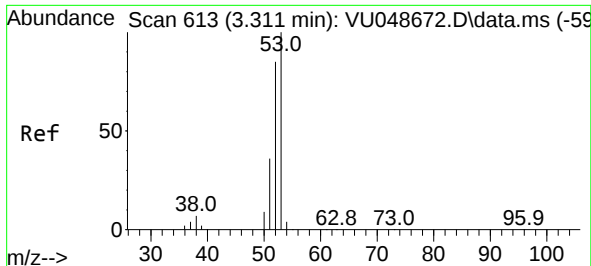
Tgt Ion: 56 Resp: 17334
Ion Ratio Lower Upper
56 100
55 70.8 57.7 86.5



#14
Allyl chloride
Concen: 19.080 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 41 Resp: 97622
Ion Ratio Lower Upper
41 100
39 59.0 48.6 72.8
76 32.7 27.0 40.4

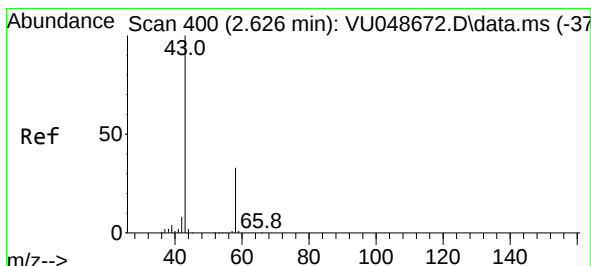
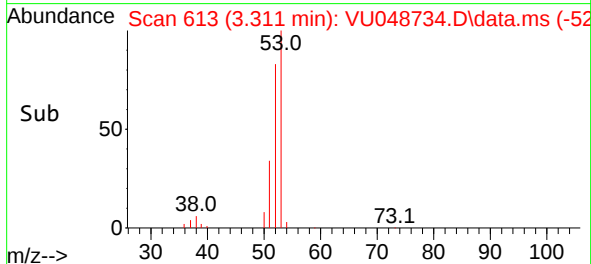
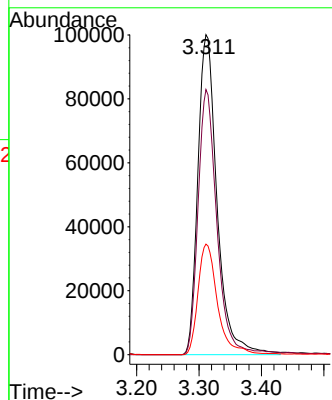
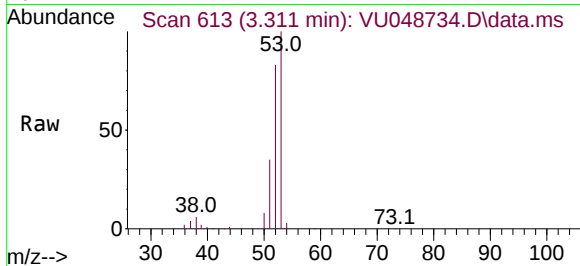




#15
Acrylonitrile
Concen: 100.218 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

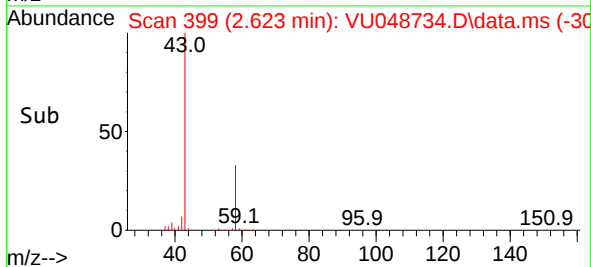
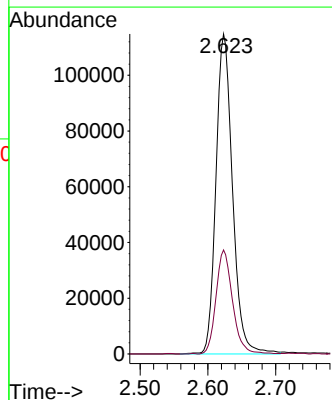
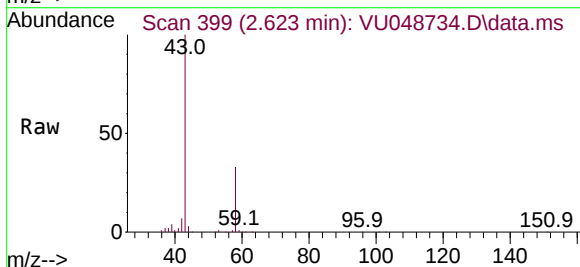
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

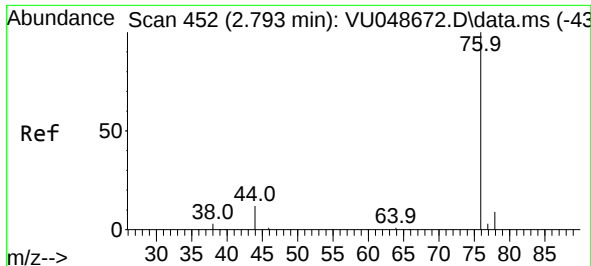
Tgt Ion: 53 Resp: 214798
Ion Ratio Lower Upper
53 100
52 81.2 66.3 99.5
51 35.2 28.6 42.8



#16
Acetone
Concen: 98.183 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 43 Resp: 195039
Ion Ratio Lower Upper
43 100
58 32.5 26.3 39.5

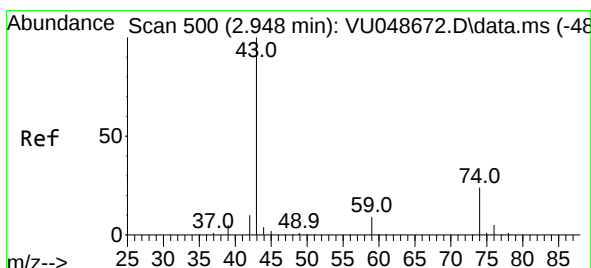
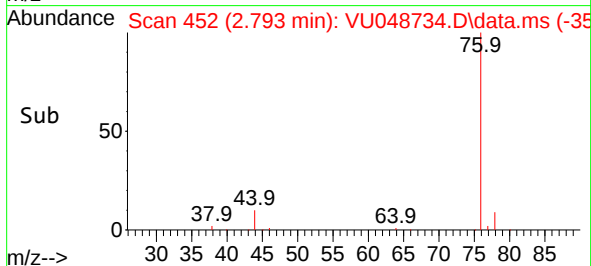
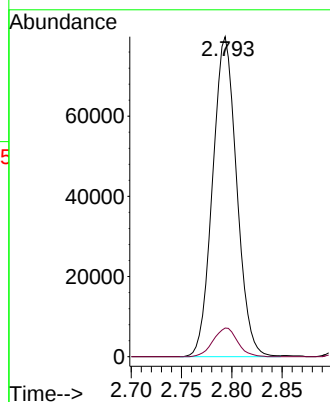
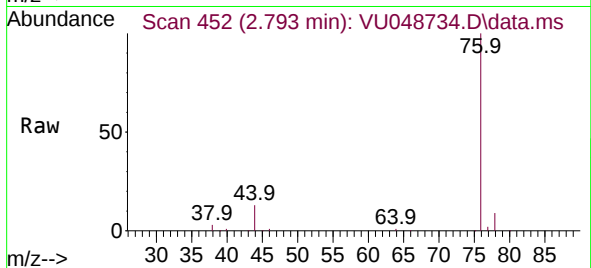




#17
Carbon Disulfide
Concen: 17.253 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

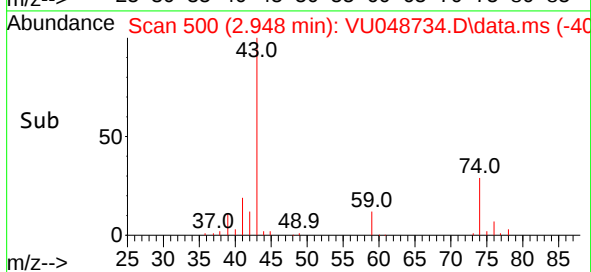
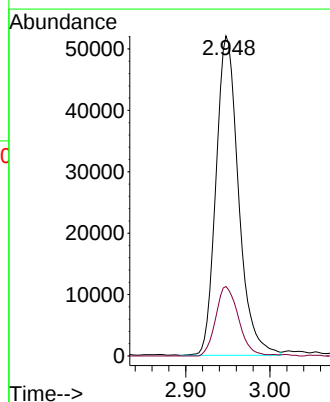
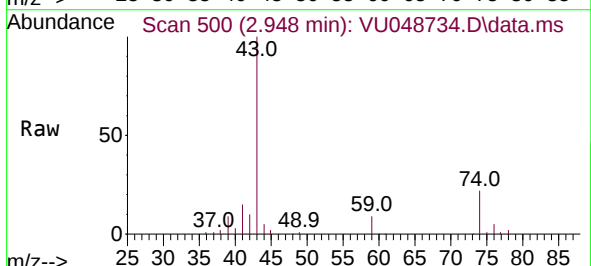
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

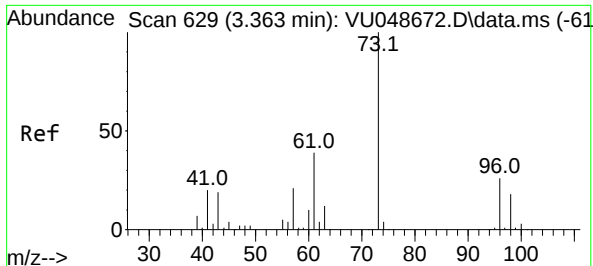
Tgt Ion: 76 Resp: 133051
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 19.370 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 43 Resp: 96610
Ion Ratio Lower Upper
43 100
74 21.9 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 19.605 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

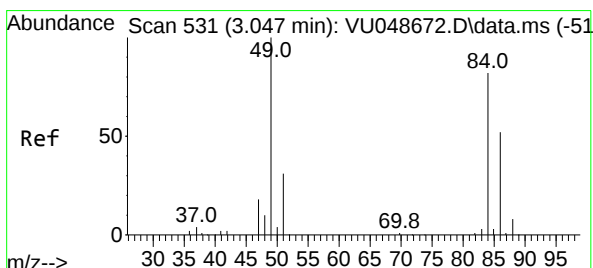
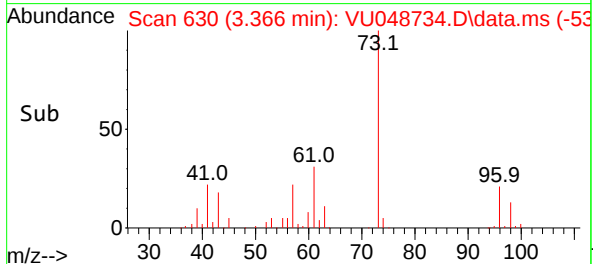
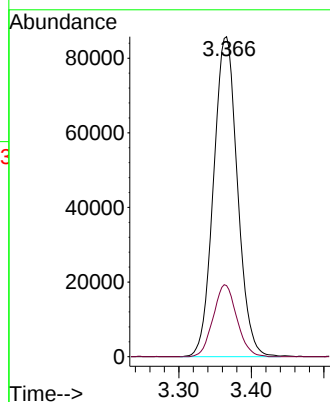
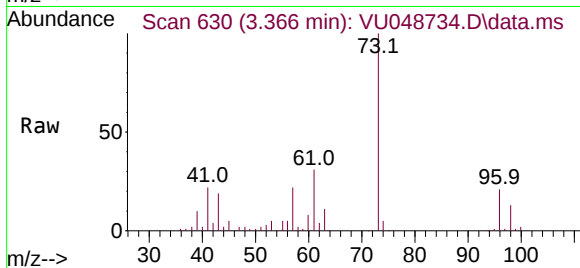
VU0531WBS01

Tgt Ion: 73 Resp: 196505

Ion Ratio Lower Upper

73 100

57 22.2 17.1 25.7



#20

Methylene Chloride

Concen: 19.003 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Tgt Ion: 84 Resp: 64194

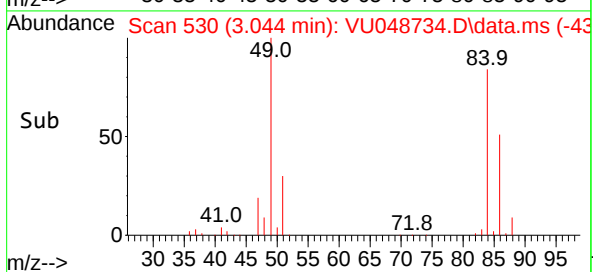
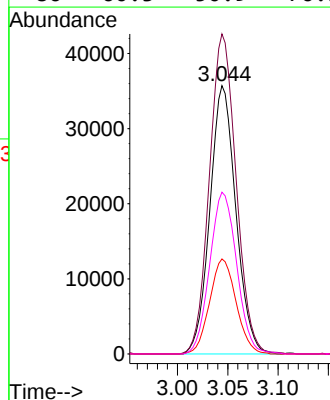
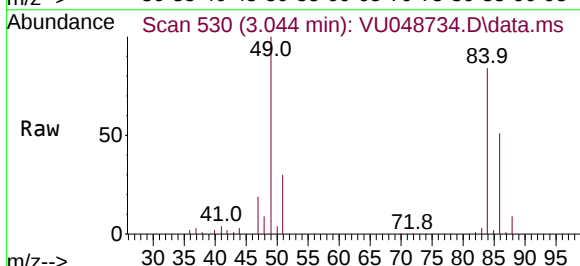
Ion Ratio Lower Upper

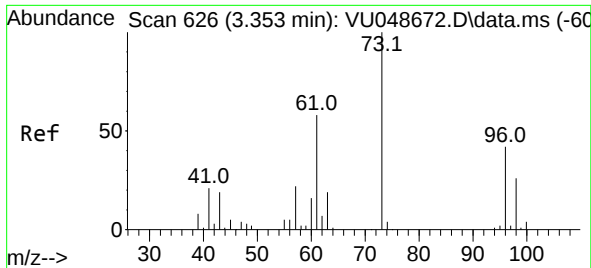
84 100

49 119.3 97.0 145.4

51 35.4 29.8 44.8

86 60.3 50.9 76.3

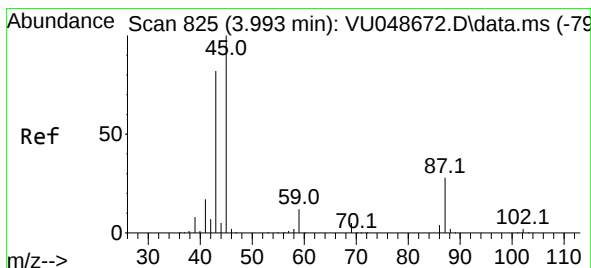
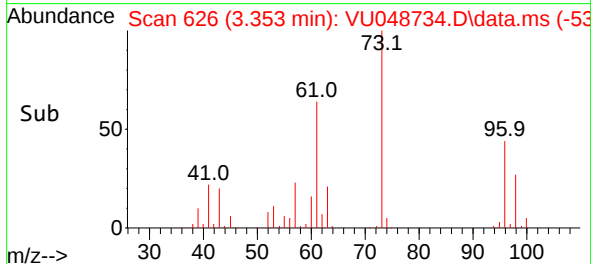
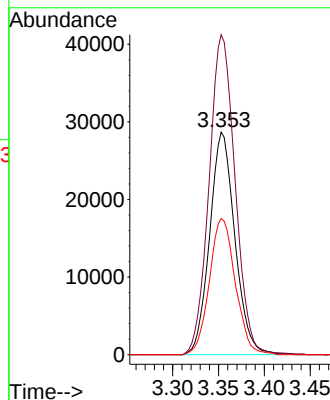
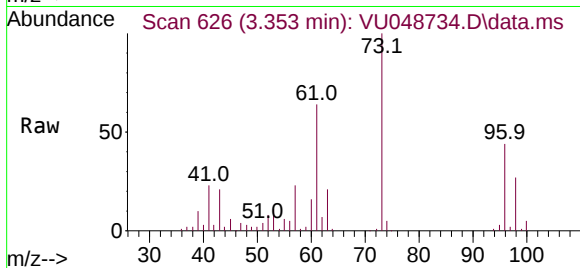




#21
trans-1,2-Dichloroethene
Concen: 18.168 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

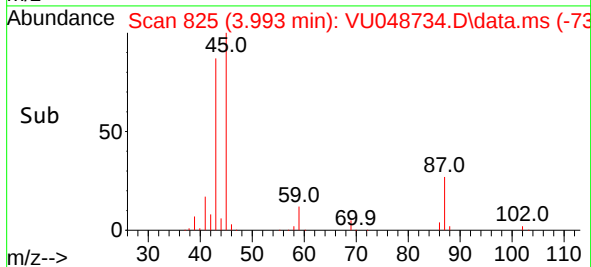
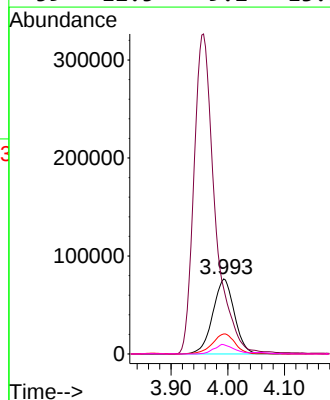
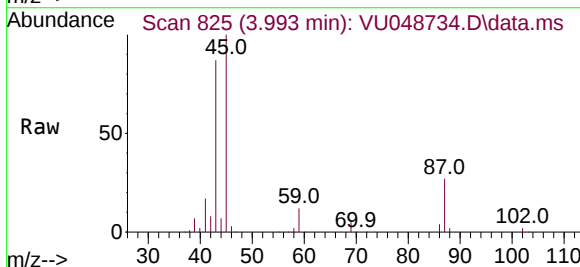
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

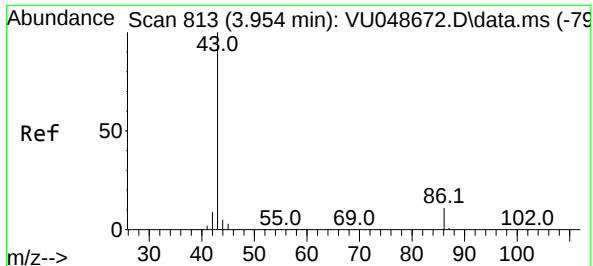
Tgt Ion: 96 Resp: 54900
Ion Ratio Lower Upper
96 100
61 143.8 109.4 164.2
98 61.2 48.9 73.3



#22
Diisopropyl ether
Concen: 21.478 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 45 Resp: 202713
Ion Ratio Lower Upper
45 100
43 85.4 65.2 97.8
87 26.5 22.7 34.1
59 12.5 9.2 13.8

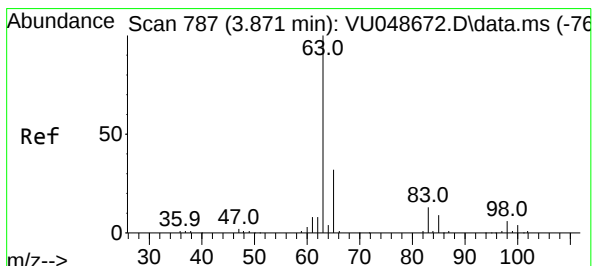
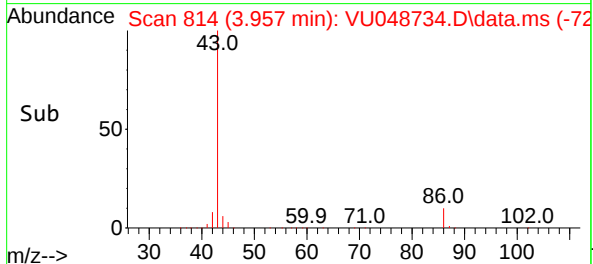
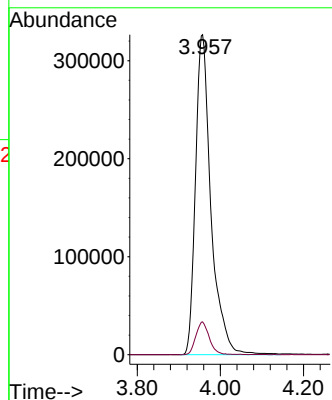
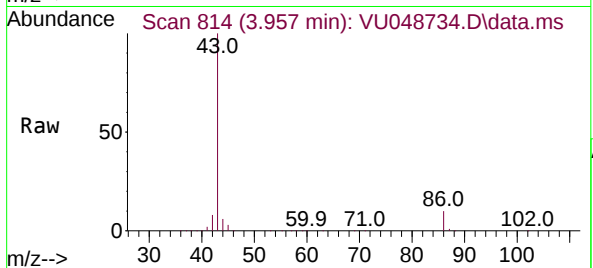




#23
 Vinyl Acetate
 Concen: 103.436 ug/l
 RT: 3.957 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

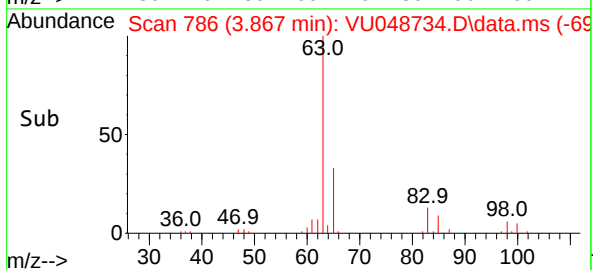
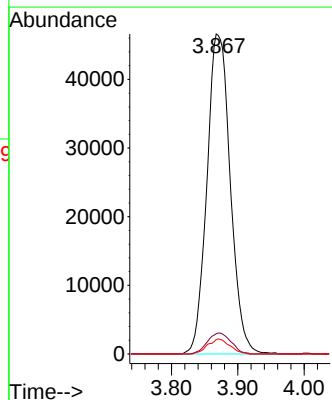
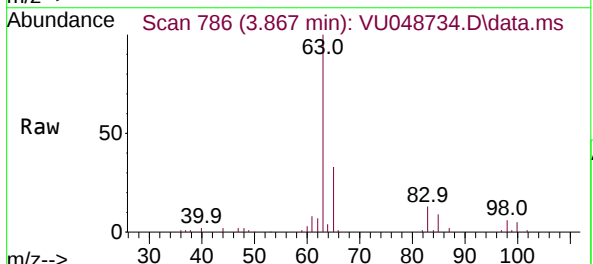
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

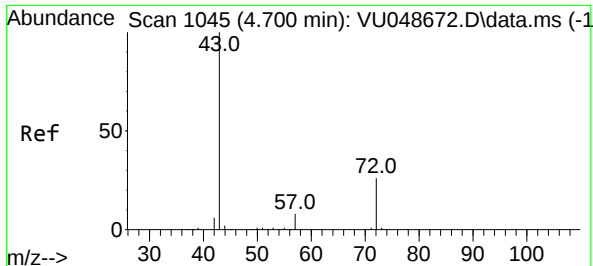
Tgt Ion: 43 Resp: 845815
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.246 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

Tgt Ion: 63 Resp: 114081
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.3
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 102.320 ug/l

RT: 4.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

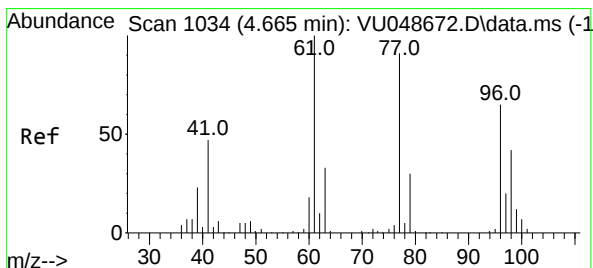
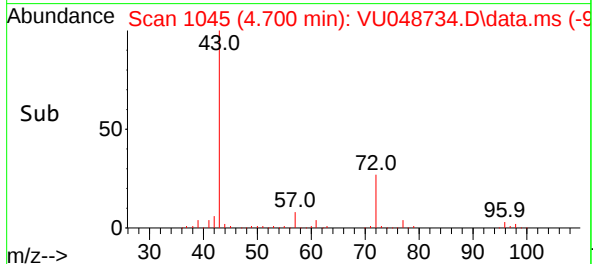
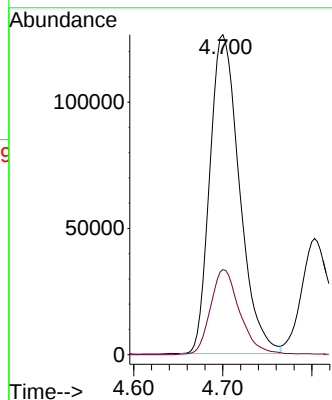
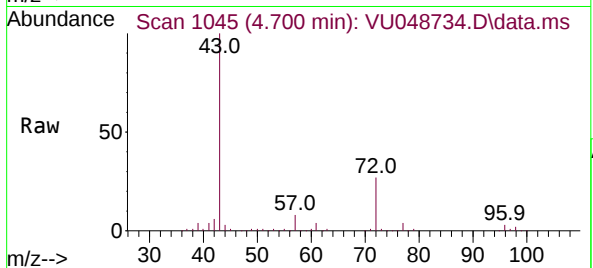
VU0531WBS01

Tgt Ion: 43 Resp: 291998

Ion Ratio Lower Upper

43 100

72 26.6 21.1 31.7



#26

2,2-Dichloropropane

Concen: 17.738 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048734.D

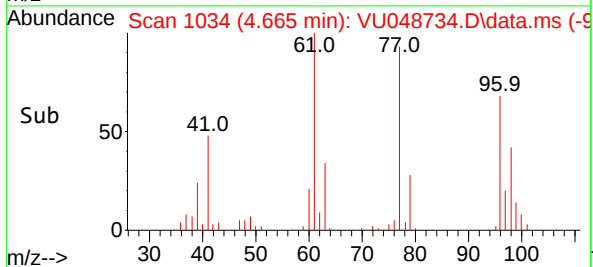
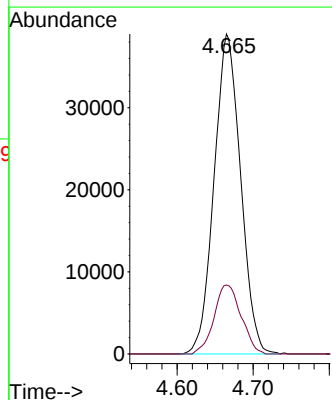
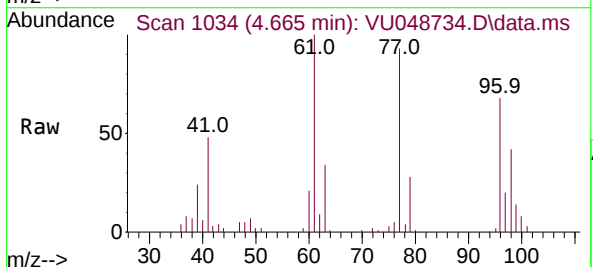
Acq: 31 May 2022 12:46

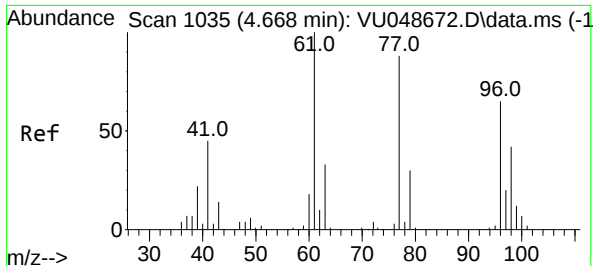
Tgt Ion: 77 Resp: 94329

Ion Ratio Lower Upper

77 100

97 22.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.116 ug/l

RT: 4.668 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

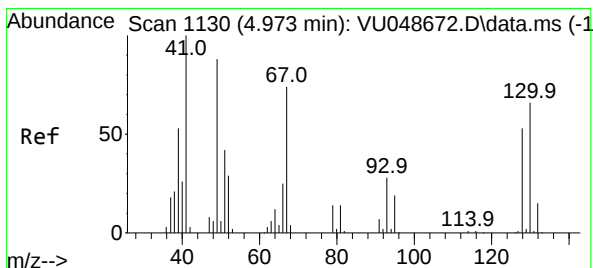
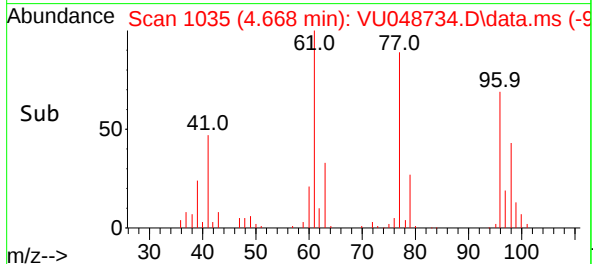
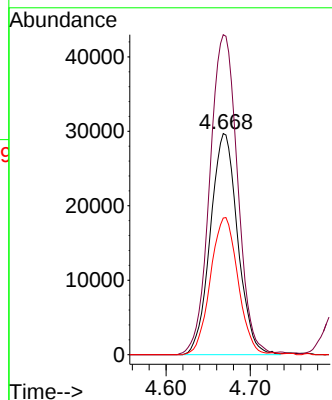
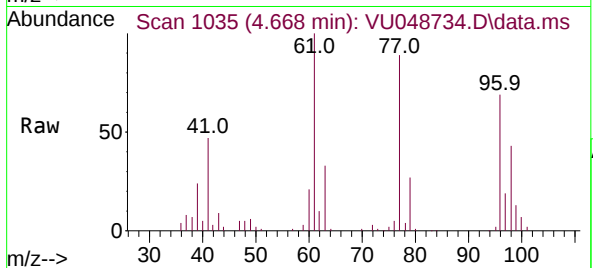
Tgt Ion: 96 Resp: 66863

Ion Ratio Lower Upper

96 100

61 147.0 0.0 306.2

98 62.7 0.0 130.4



#28

Bromochloromethane

Concen: 22.951 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

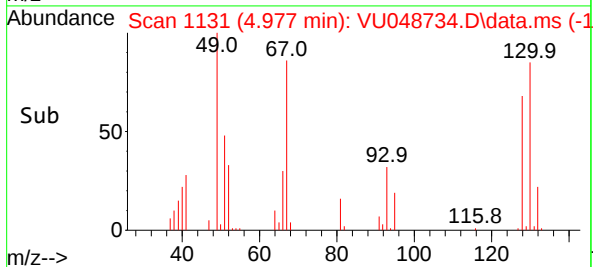
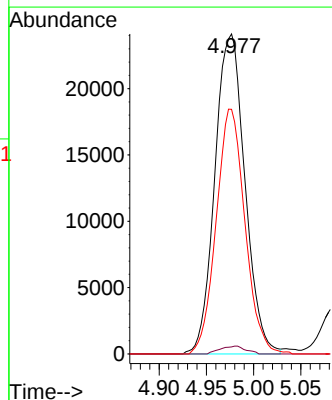
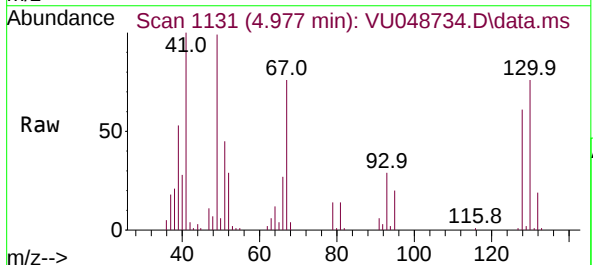
Tgt Ion: 49 Resp: 53362

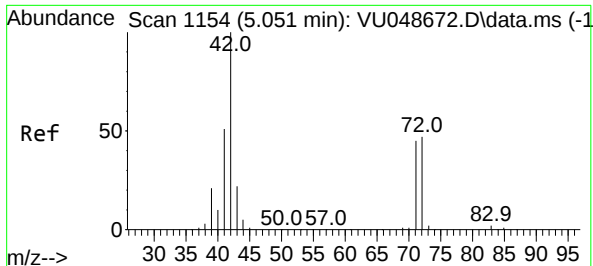
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 73.2 62.1 93.1





#29

Tetrahydrofuran

Concen: 104.204 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

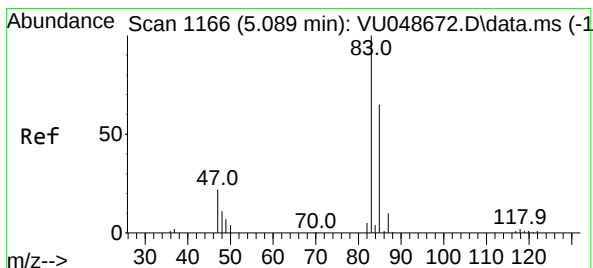
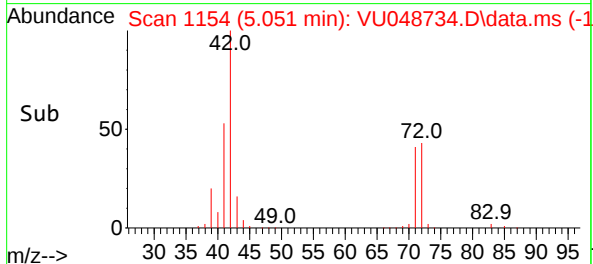
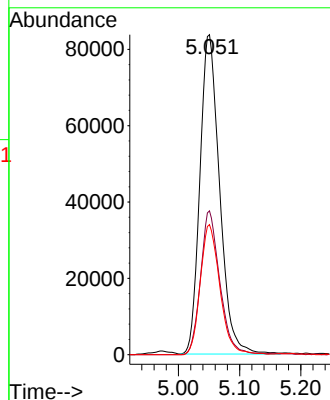
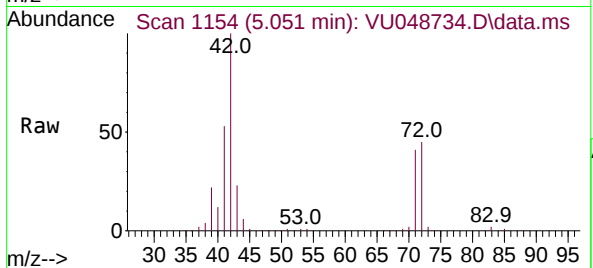
Tgt Ion: 42 Resp: 187313

Ion Ratio Lower Upper

42 100

72 44.0 37.6 56.4

71 40.6 35.0 52.4



#30

Chloroform

Concen: 19.355 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048734.D

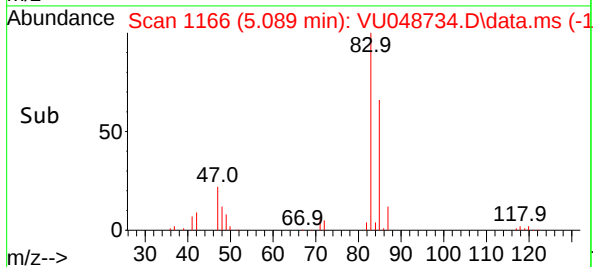
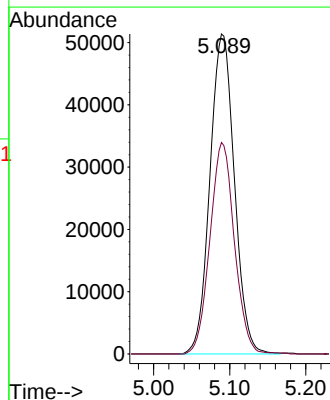
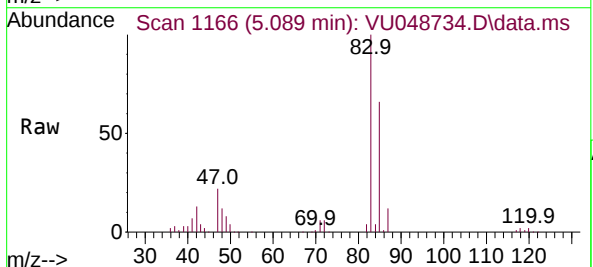
Acq: 31 May 2022 12:46

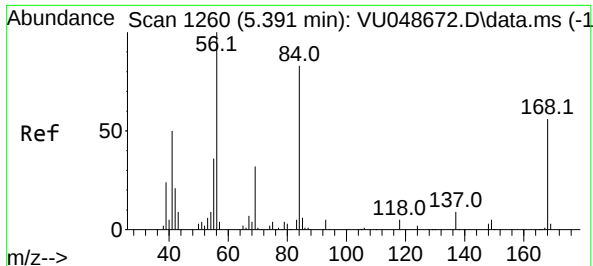
Tgt Ion: 83 Resp: 114795

Ion Ratio Lower Upper

83 100

85 66.1 52.2 78.2

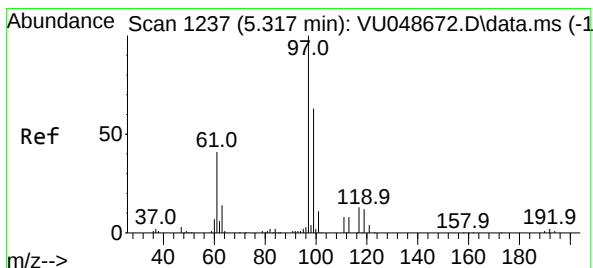
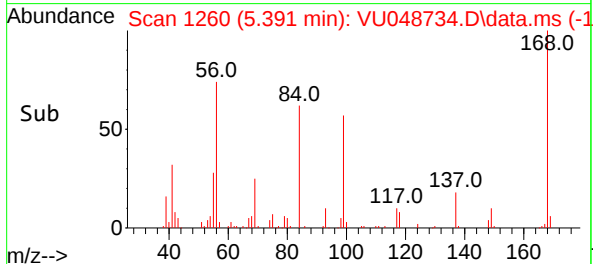
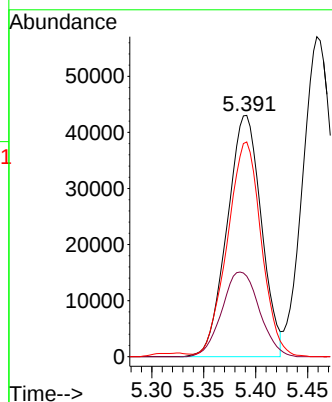
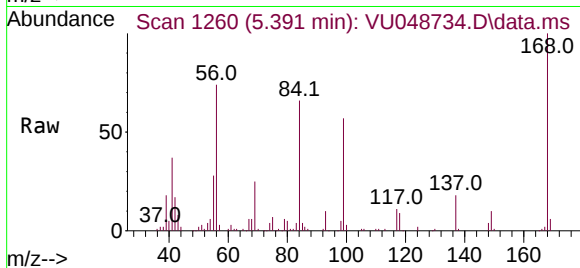




#31
Cyclohexane
Concen: 20.088 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

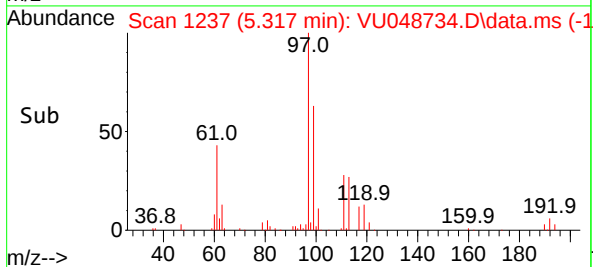
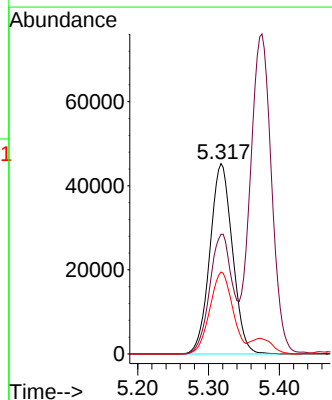
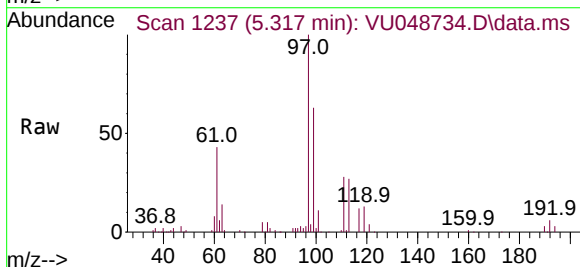
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

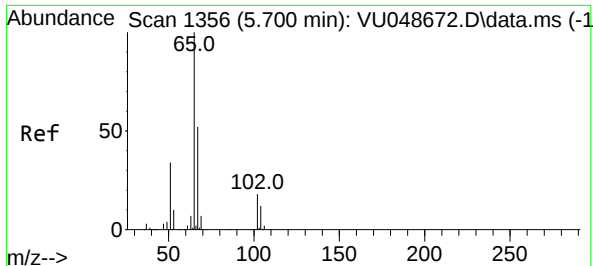
Tgt Ion: 56 Resp: 98678
Ion Ratio Lower Upper
56 100
69 33.4 25.6 38.4
84 87.5 66.2 99.4



#32
1,1,1-Trichloroethane
Concen: 18.602 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 97 Resp: 100095
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 43.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.085 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

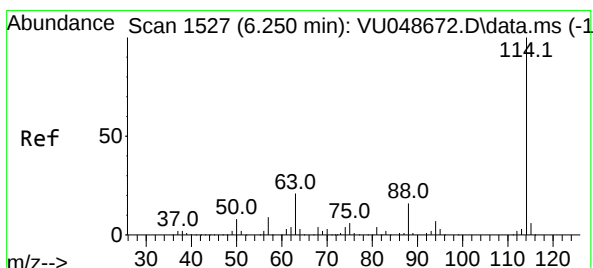
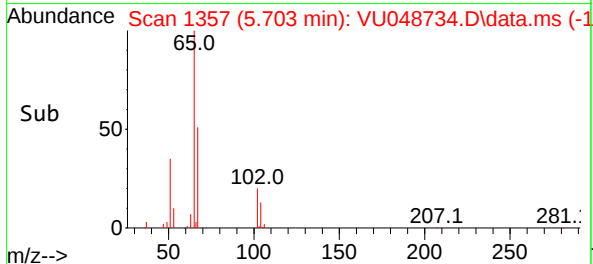
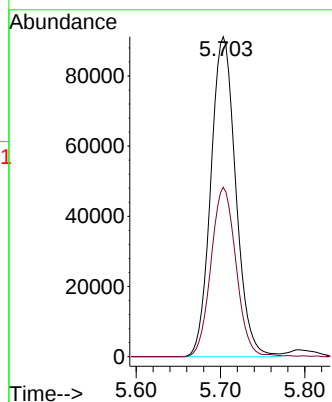
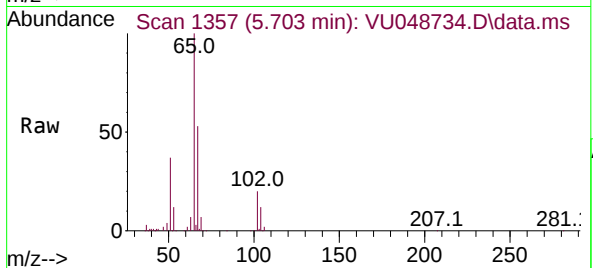
VU0531WBS01

Tgt Ion: 65 Resp: 187431

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

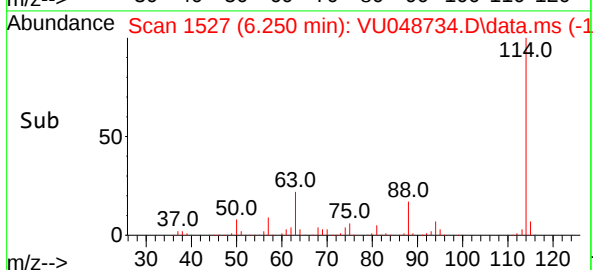
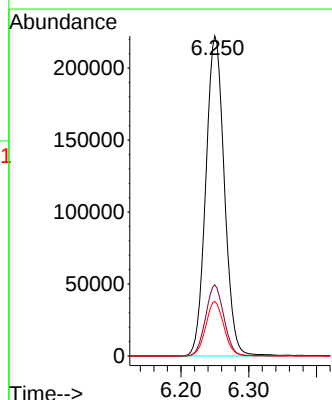
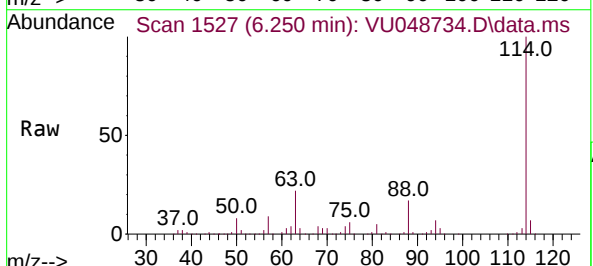
Tgt Ion: 114 Resp: 421738

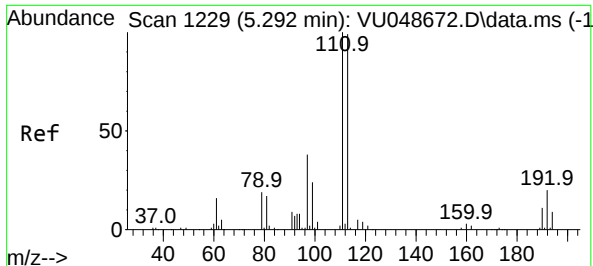
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.6

88 17.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.510 ug/l

RT: 5.292 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

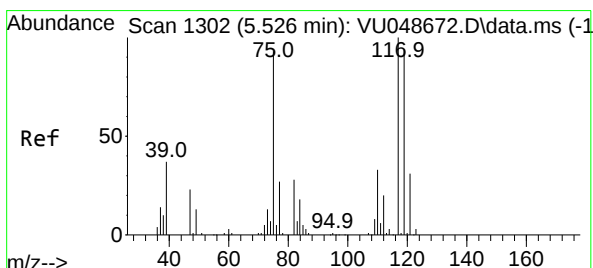
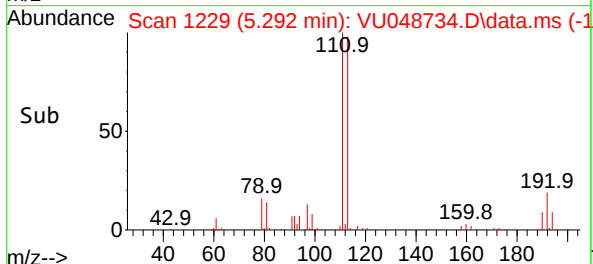
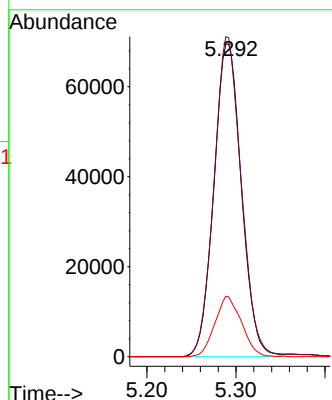
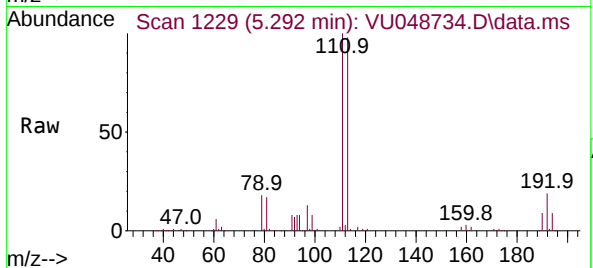
Tgt Ion:113 Resp: 148965

Ion Ratio Lower Upper

113 100

111 101.7 80.7 121.1

192 18.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.025 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

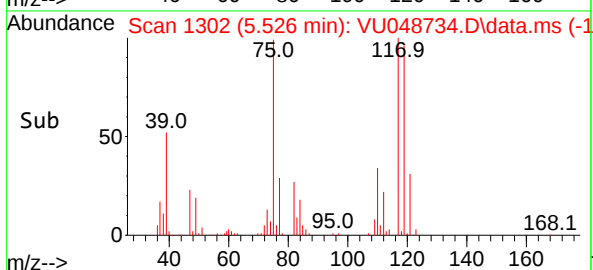
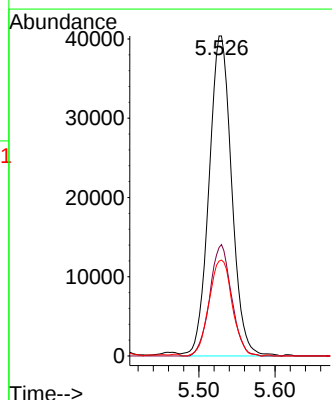
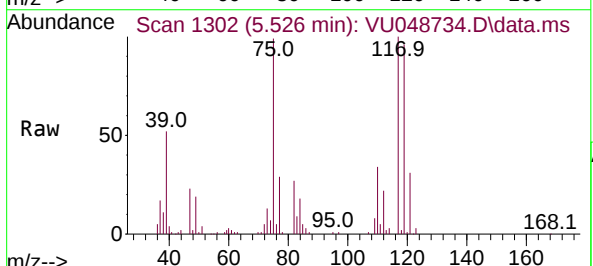
Tgt Ion: 75 Resp: 83542

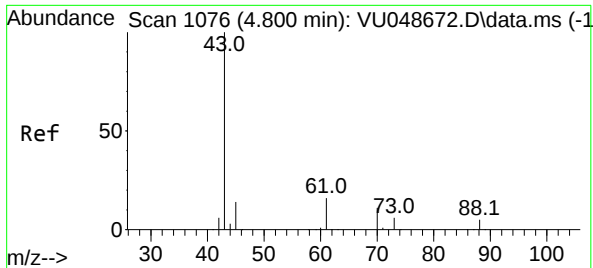
Ion Ratio Lower Upper

75 100

110 33.3 17.4 52.3

77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 18.889 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

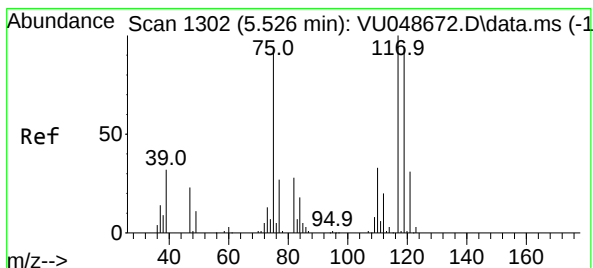
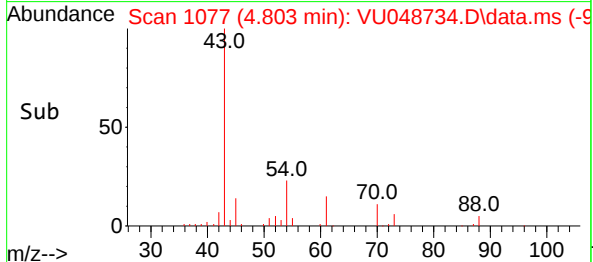
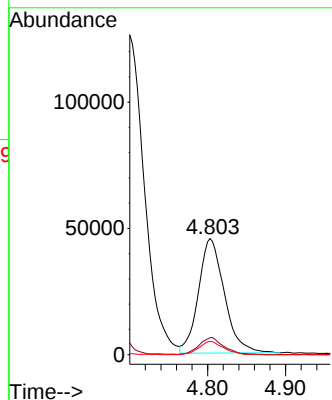
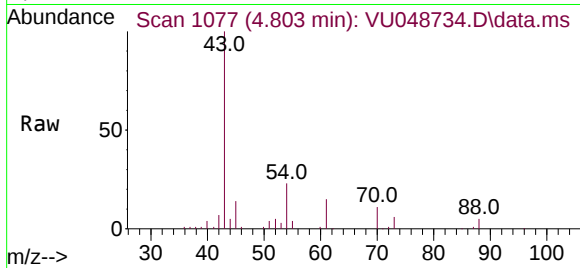
Tgt Ion: 43 Resp: 104862

Ion Ratio Lower Upper

43 100

61 14.4 11.7 17.5

70 11.0 8.4 12.6



#38

Carbon Tetrachloride

Concen: 17.491 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

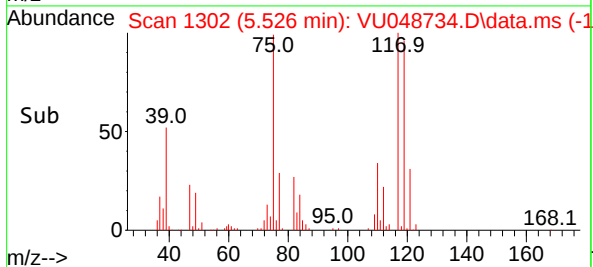
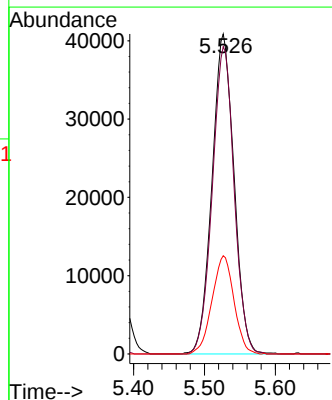
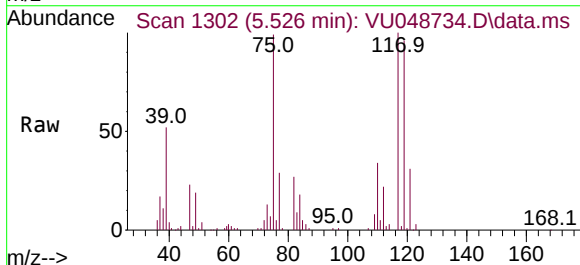
Tgt Ion: 117 Resp: 88120

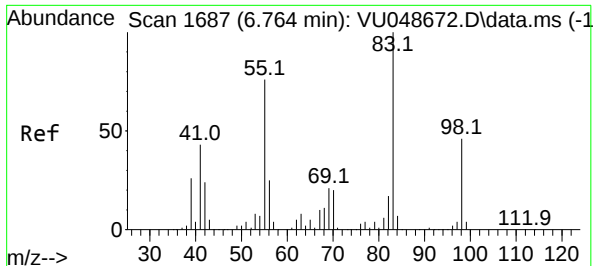
Ion Ratio Lower Upper

117 100

119 96.0 75.4 113.2

121 30.7 24.6 36.8





#39

Methylcyclohexane

Concen: 19.326 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

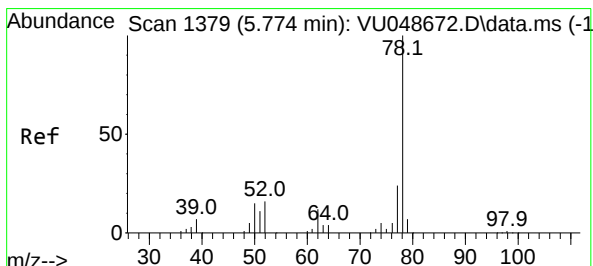
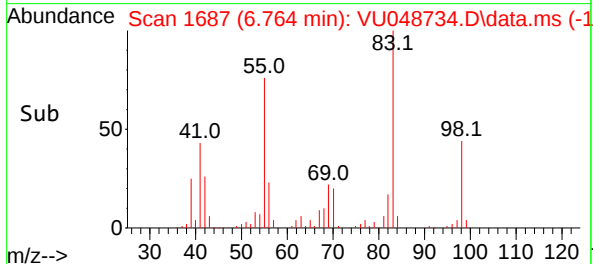
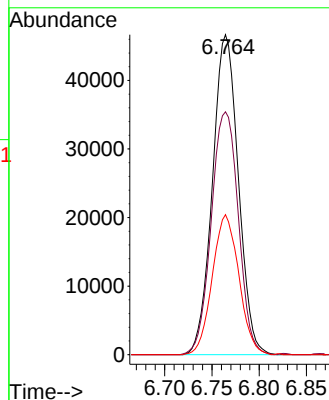
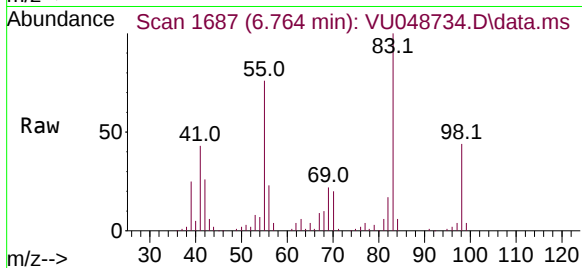
Tgt Ion: 83 Resp: 88984

Ion Ratio Lower Upper

83 100

55 75.9 61.0 91.6

98 43.8 36.8 55.2



#40

Benzene

Concen: 19.078 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048734.D

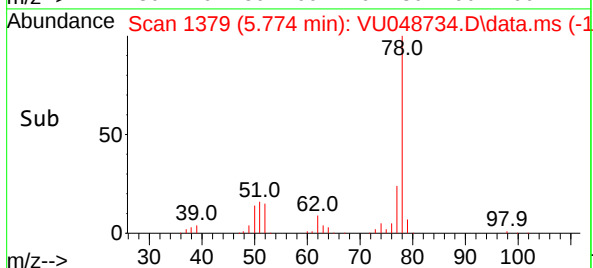
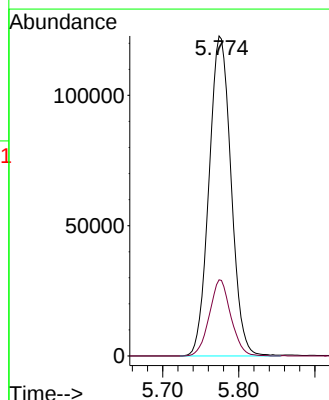
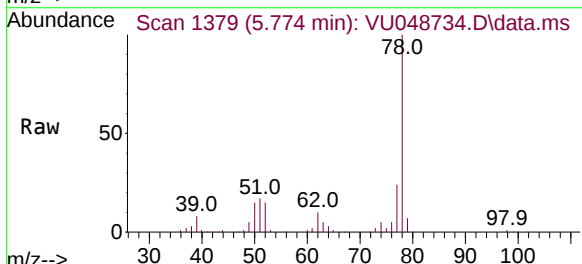
Acq: 31 May 2022 12:46

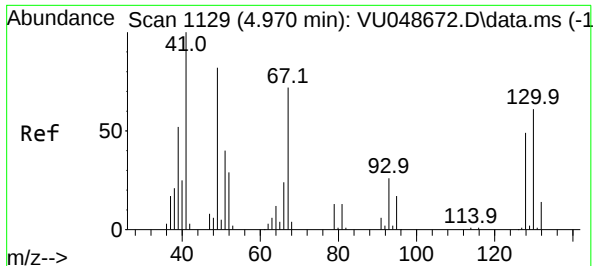
Tgt Ion: 78 Resp: 247330

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

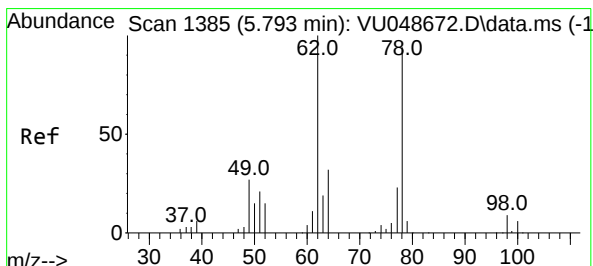
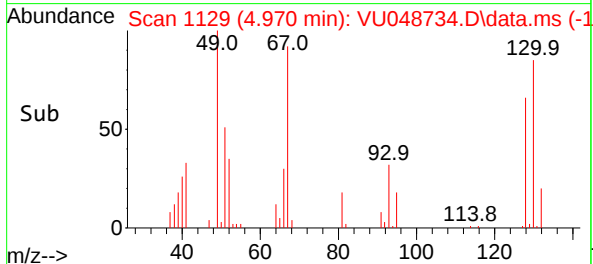
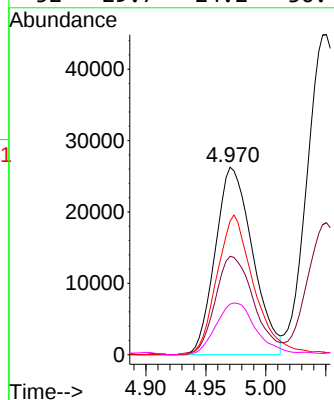
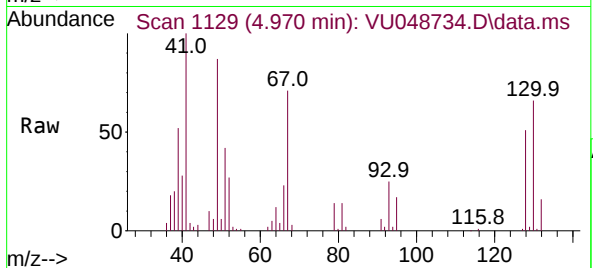




#41
Methacrylonitrile
Concen: 20.277 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

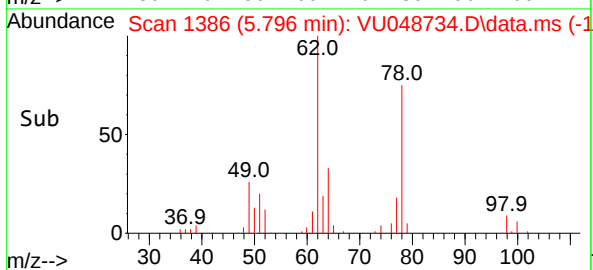
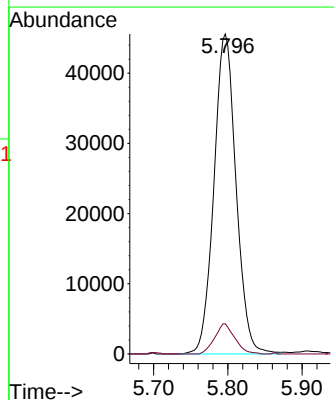
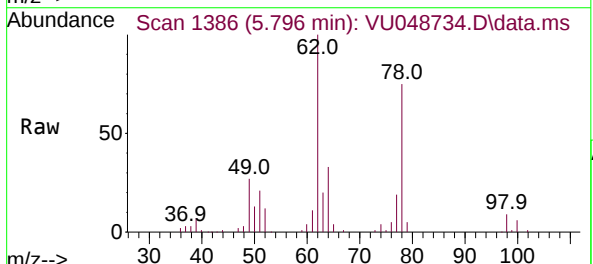
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

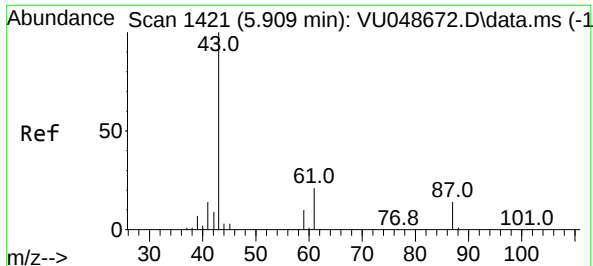
Tgt Ion: 41	Resp: 56883
Ion Ratio	Lower Upper
41 100	
39 54.5	42.6 64.0
67 74.2	61.0 91.4
52 29.7	24.2 36.4



#42
1,2-Dichloroethane
Concen: 18.593 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 62	Resp: 94356
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 17.0

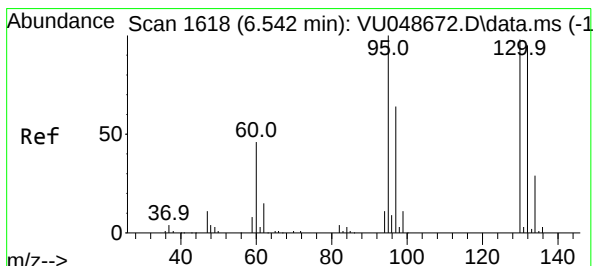
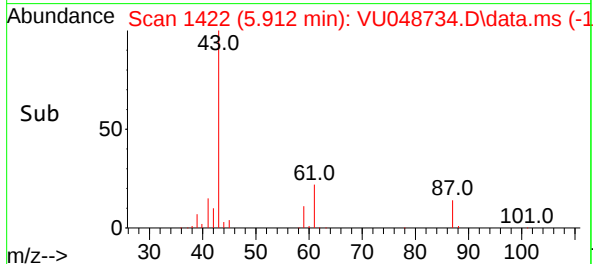
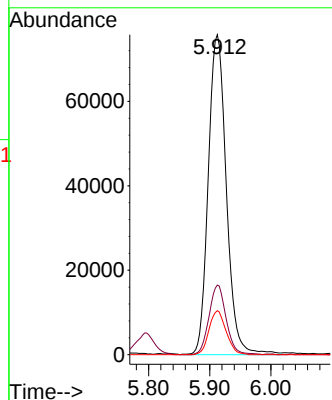
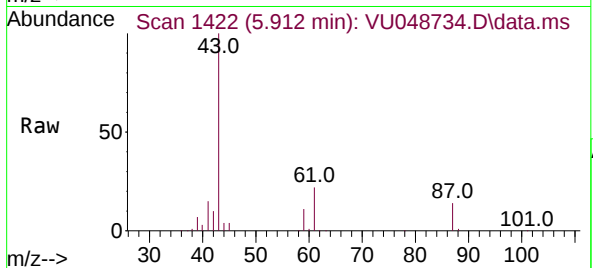




#43
Isopropyl Acetate
Concen: 19.355 ug/l
RT: 5.912 min Scan# 1421
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

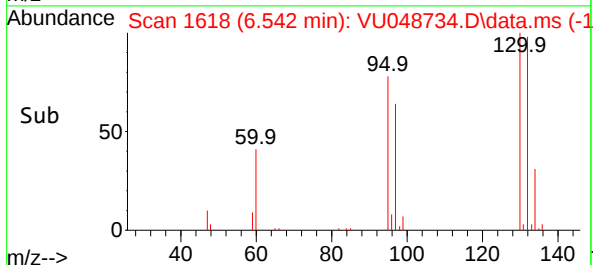
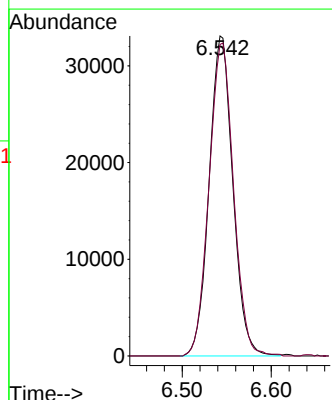
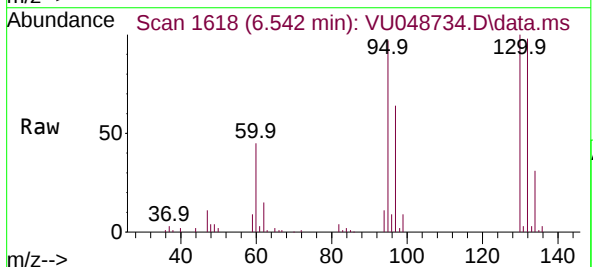
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

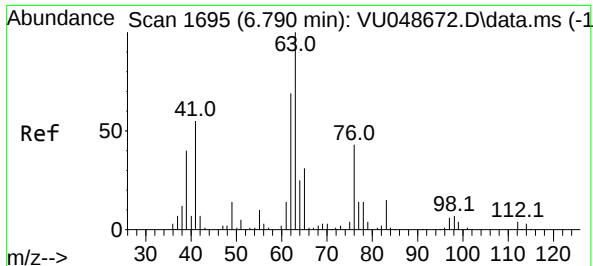
Tgt Ion: 43 Resp: 155948
Ion Ratio Lower Upper
43 100
61 20.6 16.7 25.1
87 12.9 10.9 16.3



#44
Trichloroethene
Concen: 18.300 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion:130 Resp: 61121
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.746 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

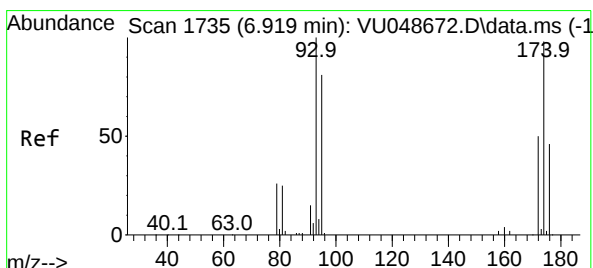
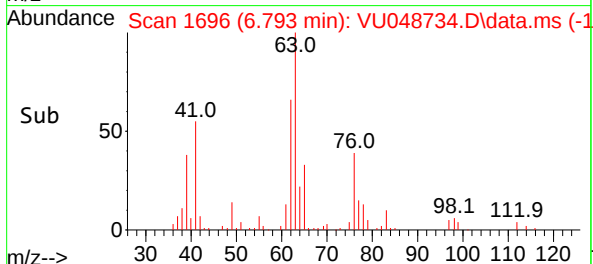
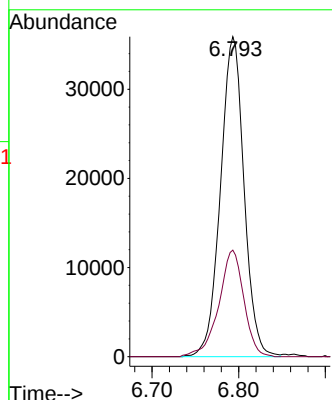
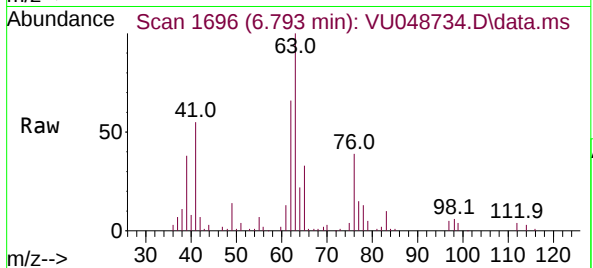
VU0531WBS01

Tgt Ion: 63 Resp: 67710

Ion Ratio Lower Upper

63 100

65 33.3 24.8 37.2



#46

Dibromomethane

Concen: 19.127 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

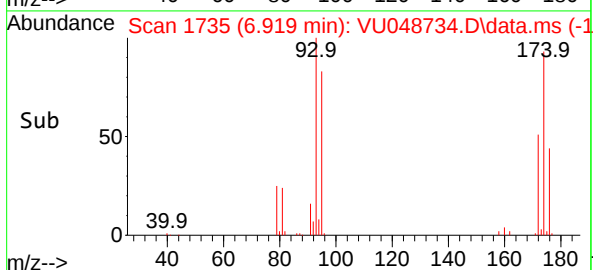
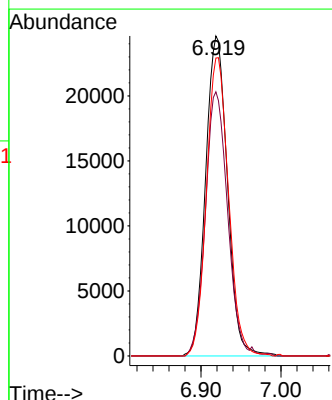
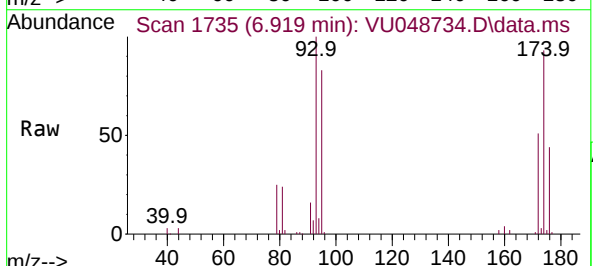
Tgt Ion: 93 Resp: 46640

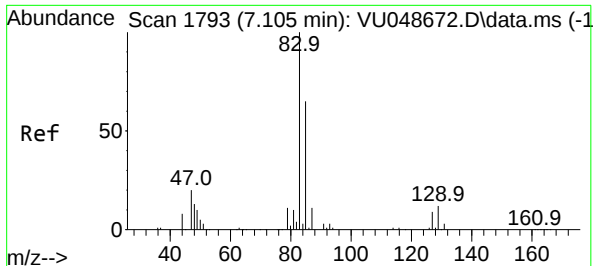
Ion Ratio Lower Upper

93 100

95 84.1 65.1 97.7

174 94.5 77.8 116.6

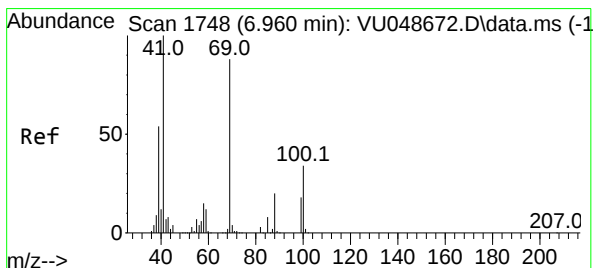
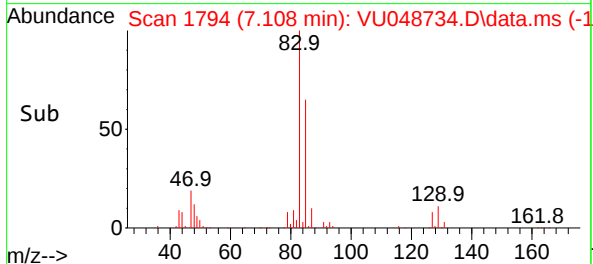
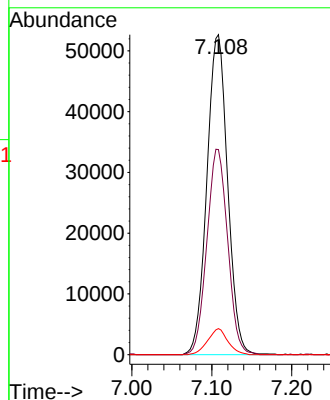
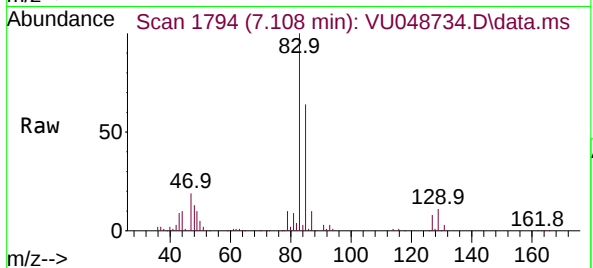




#47
Bromodichloromethane
Concen: 19.258 ug/l
RT: 7.108 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

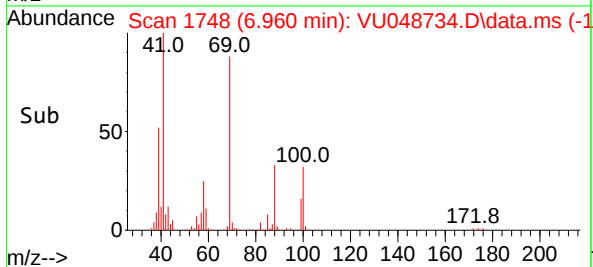
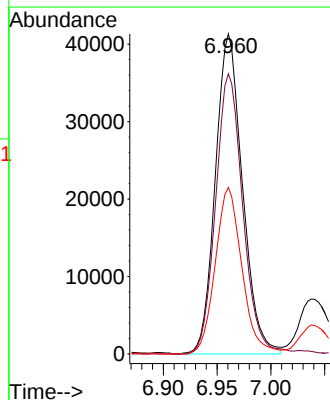
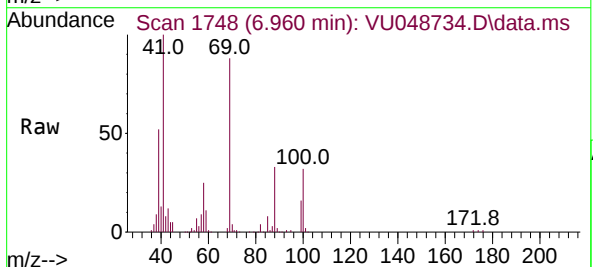
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

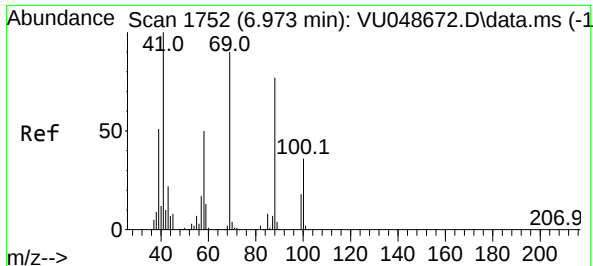
Tgt Ion: 83 Resp: 94962
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1
127 8.1 6.9 10.3



#48
Methyl methacrylate
Concen: 20.030 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 41 Resp: 72451
Ion Ratio Lower Upper
41 100
69 87.8 70.7 106.1
39 51.1 43.4 65.2





#49

1,4-Dioxane

Concen: 324.532 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

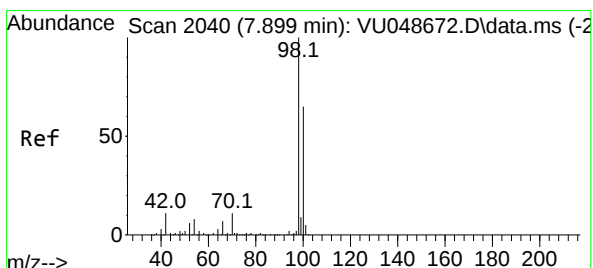
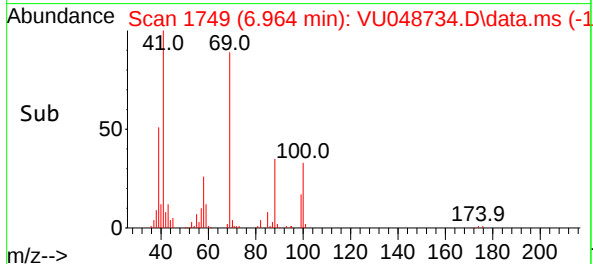
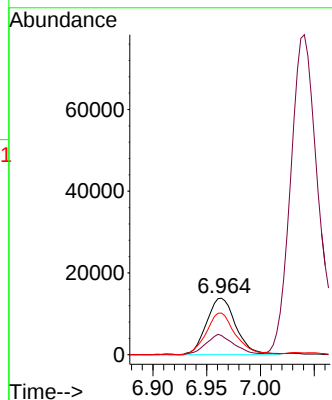
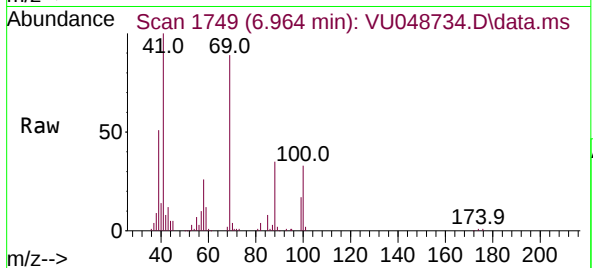
Tgt Ion: 88 Resp: 26241

Ion Ratio Lower Upper

88 100

43 34.4 24.6 36.8

58 73.3 54.7 82.1



#50

Toluene-d8

Concen: 47.832 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048734.D

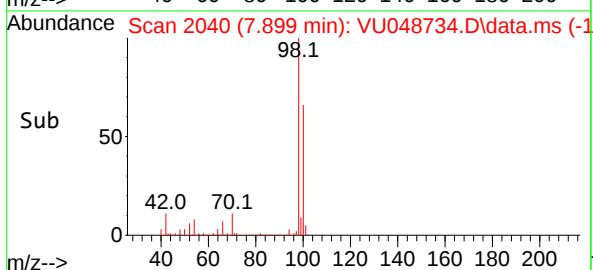
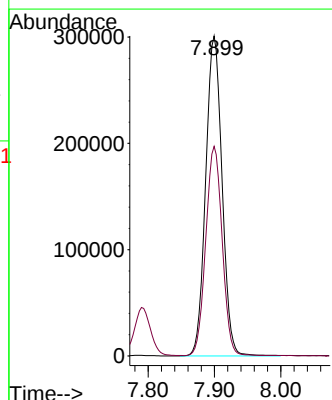
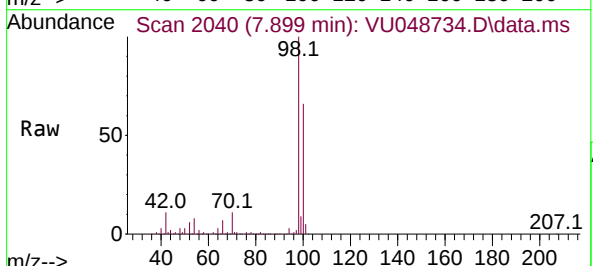
Acq: 31 May 2022 12:46

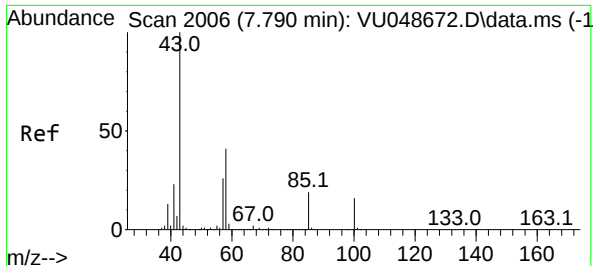
Tgt Ion: 98 Resp: 515887

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 101.546 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

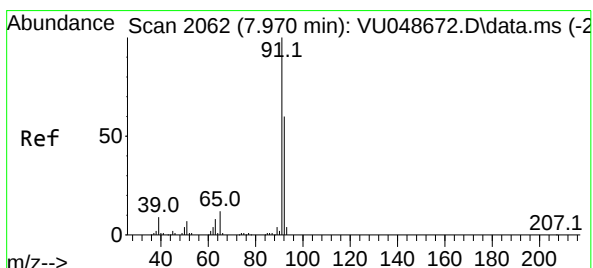
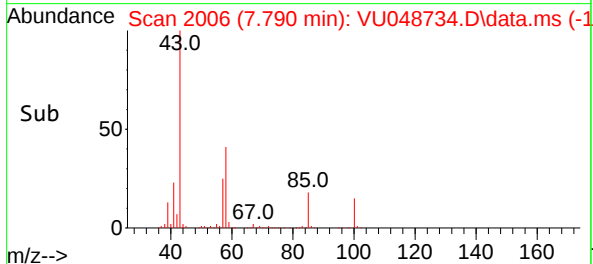
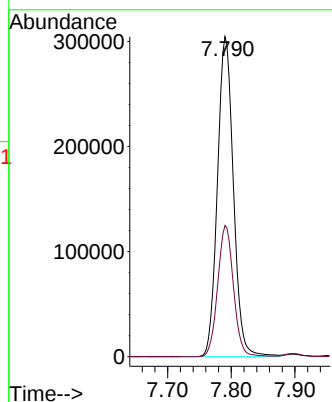
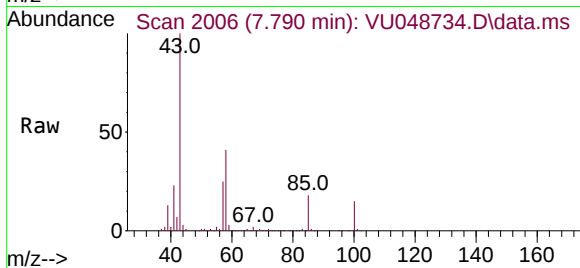
VU0531WBS01

Tgt Ion: 43 Resp: 531269

Ion Ratio Lower Upper

43 100

58 40.5 32.7 49.1



#52

Toluene

Concen: 19.268 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048734.D

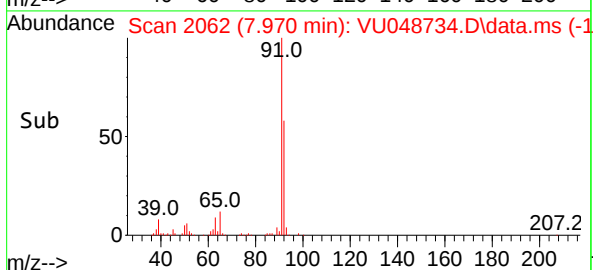
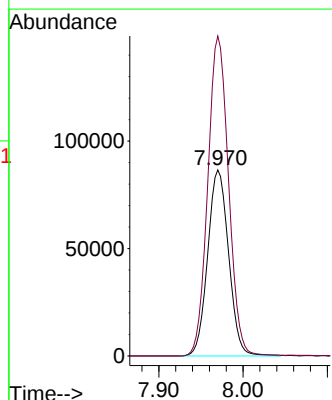
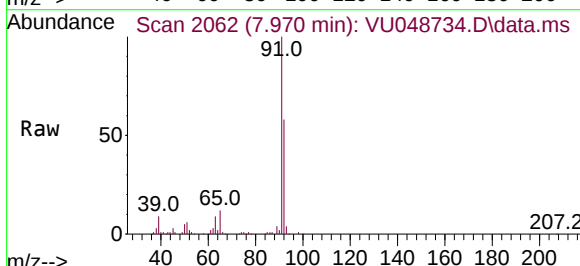
Acq: 31 May 2022 12:46

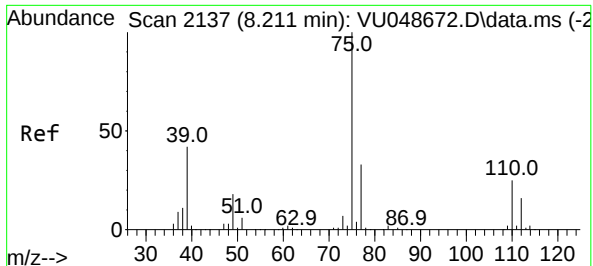
Tgt Ion: 92 Resp: 149416

Ion Ratio Lower Upper

92 100

91 170.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 18.724 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

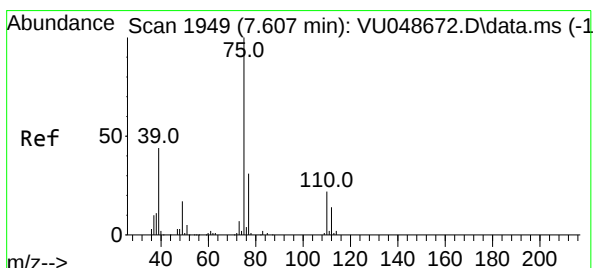
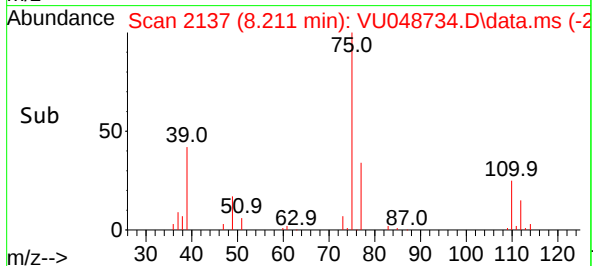
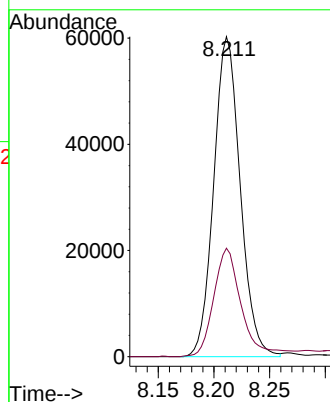
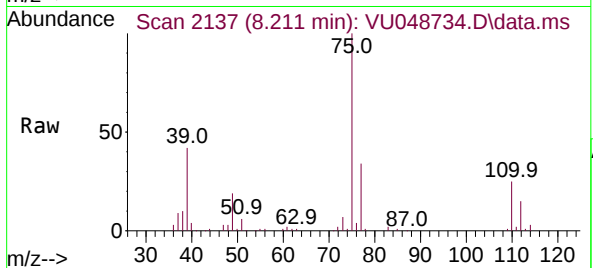
VU0531WBS01

Tgt Ion: 75 Resp: 99598

Ion Ratio Lower Upper

75 100

77 33.9 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 19.217 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

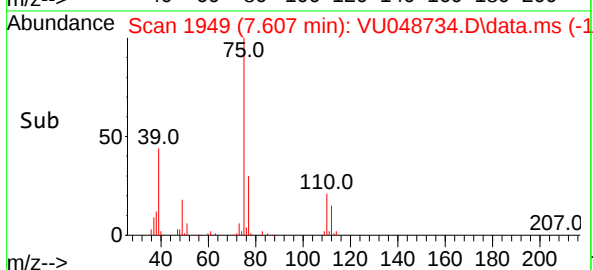
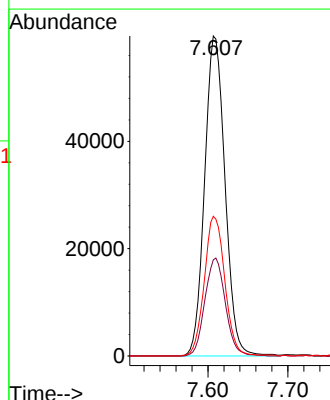
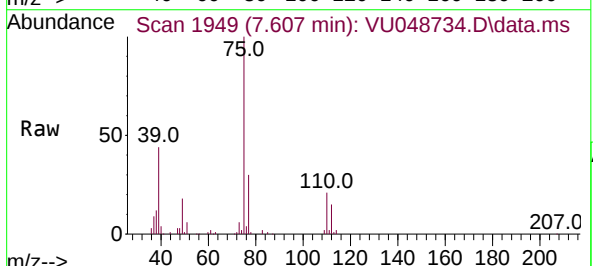
Tgt Ion: 75 Resp: 105926

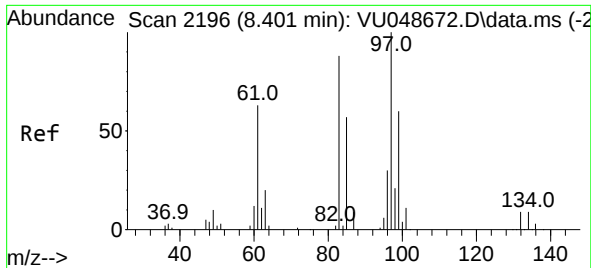
Ion Ratio Lower Upper

75 100

77 30.0 24.9 37.3

39 43.6 35.2 52.8

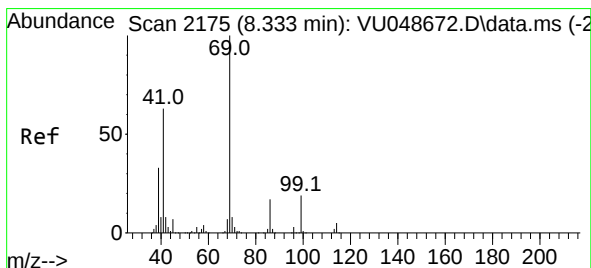
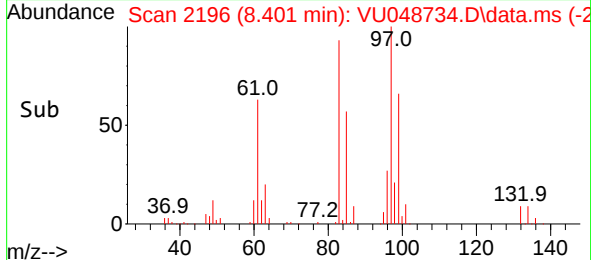
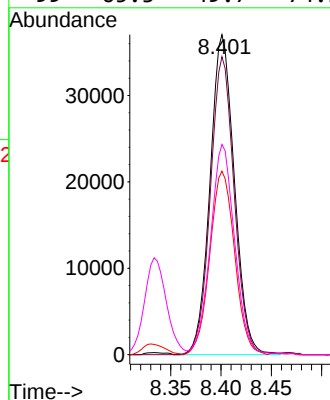
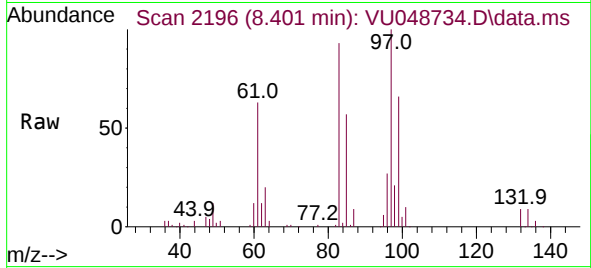




#55
 1,1,2-Trichloroethane
 Concen: 18.207 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

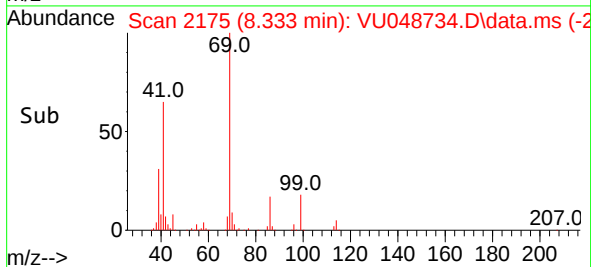
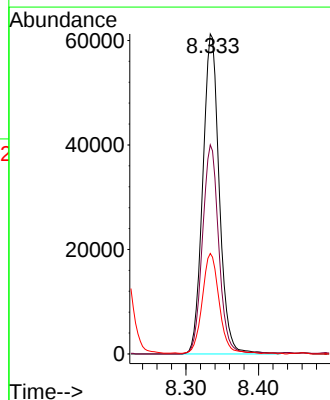
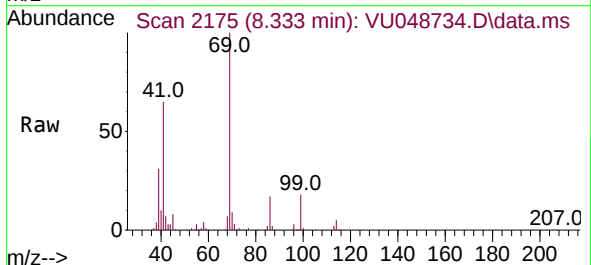
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

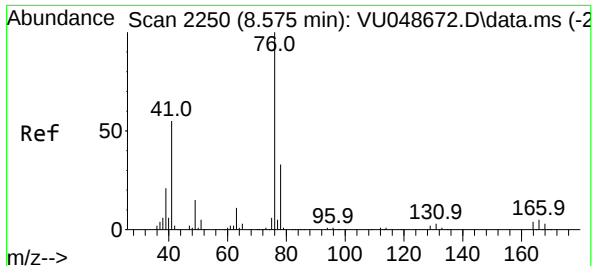
Tgt Ion: 97	Resp: 62312
Ion Ratio	Lower Upper
97 100	
83 93.1	70.2 105.4
85 57.1	45.6 68.4
99 65.3	49.7 74.5



#56
 Ethyl methacrylate
 Concen: 19.573 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

Tgt Ion: 69	Resp: 96780
Ion Ratio	Lower Upper
69 100	
41 64.6	50.6 76.0
39 31.9	26.6 40.0





#57

1,3-Dichloropropane

Concen: 19.863 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

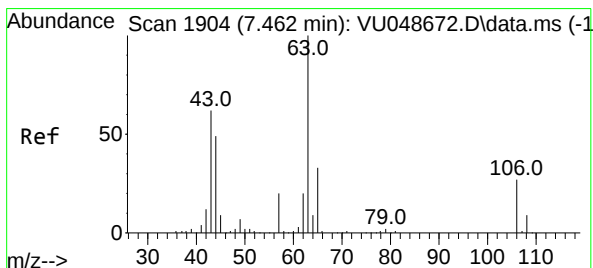
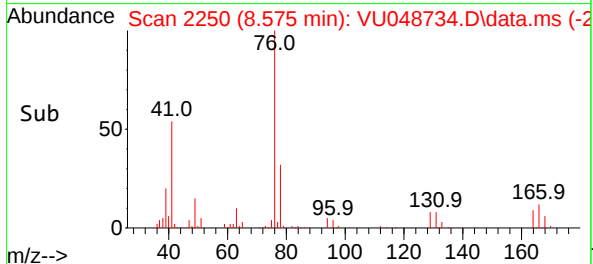
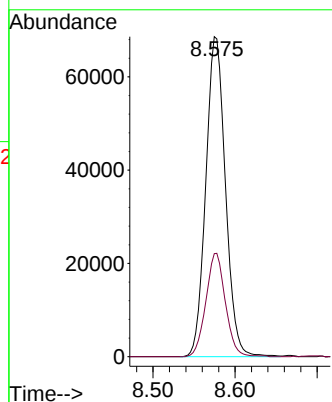
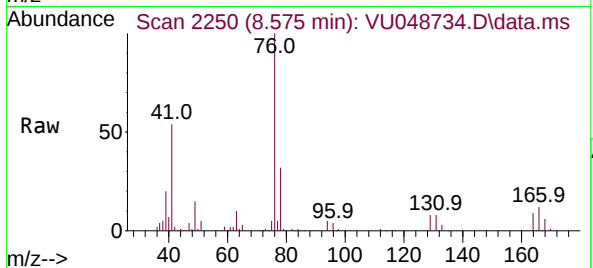
VU0531WBS01

Tgt Ion: 76 Resp: 114411

Ion Ratio Lower Upper

76 100

78 32.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 89.815 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VU048734.D

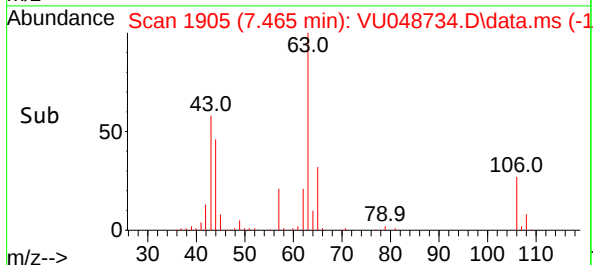
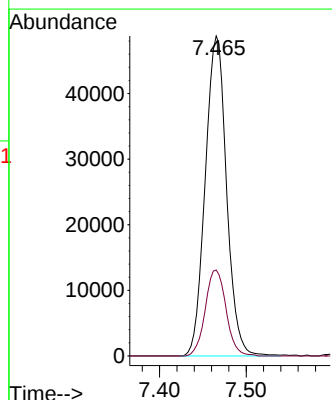
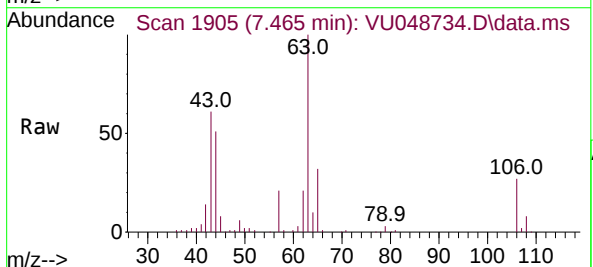
Acq: 31 May 2022 12:46

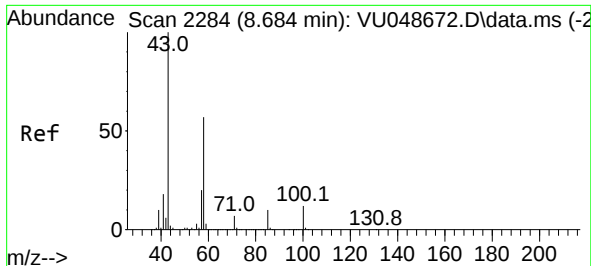
Tgt Ion: 63 Resp: 83361

Ion Ratio Lower Upper

63 100

106 26.2 22.2 33.2

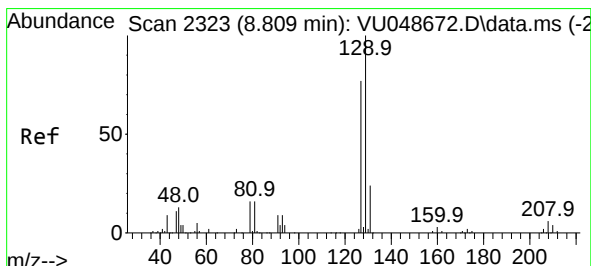
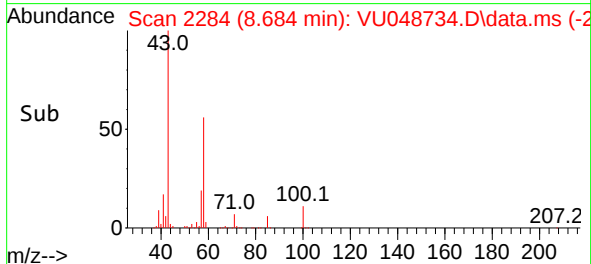
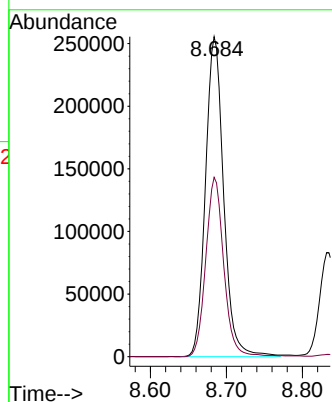
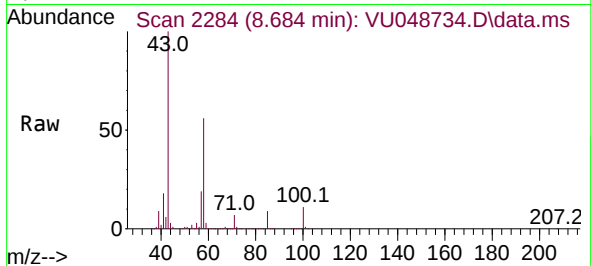




#59
2-Hexanone
Concen: 98.653 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

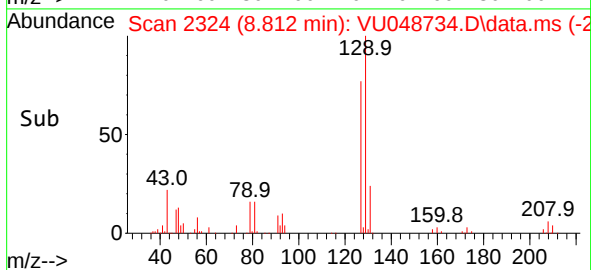
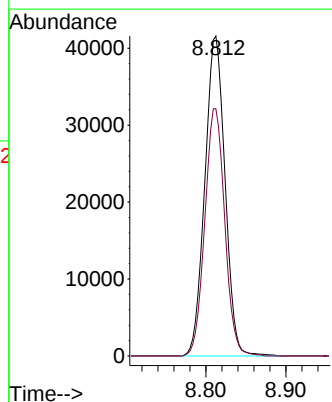
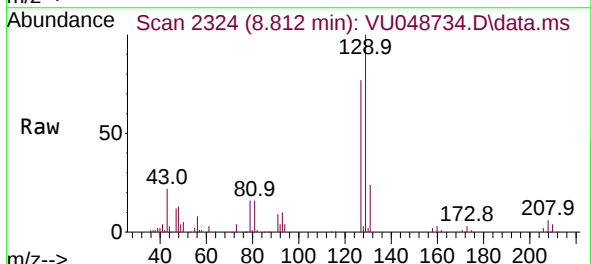
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

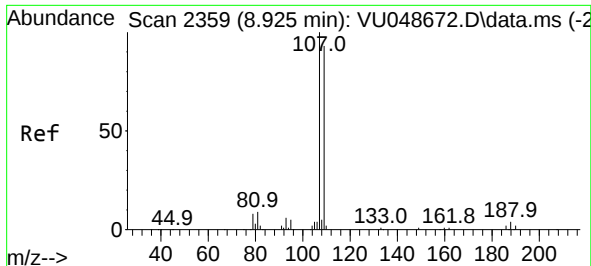
Tgt Ion: 43 Resp: 423728
Ion Ratio Lower Upper
43 100
58 55.3 28.2 84.6



#60
Dibromochloromethane
Concen: 19.042 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 129 Resp: 73050
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3

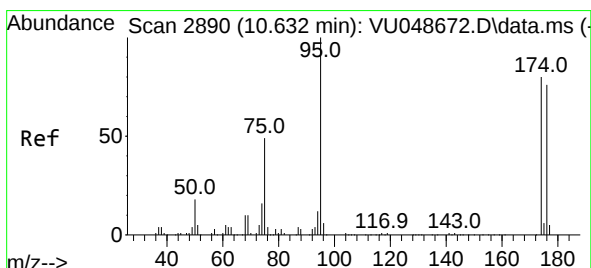
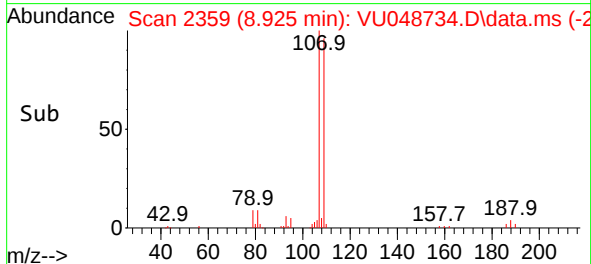
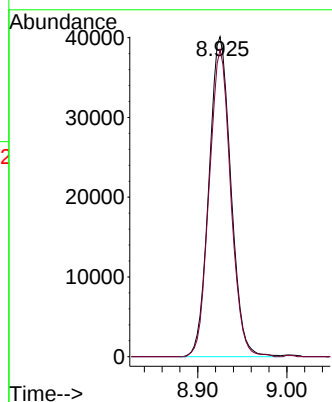
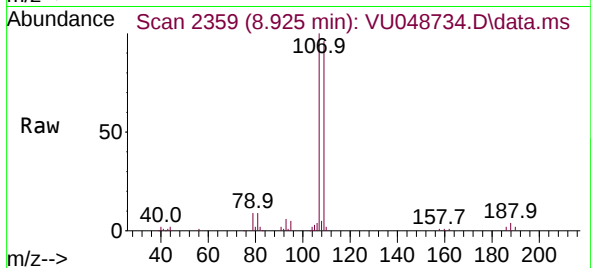




#61
1,2-Dibromoethane
Concen: 18.221 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

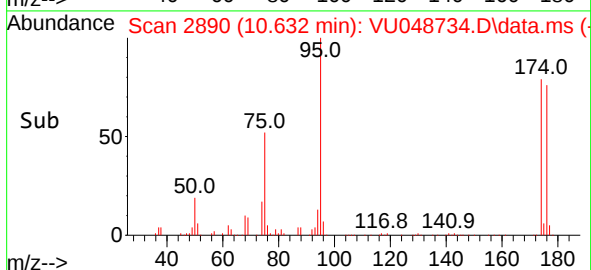
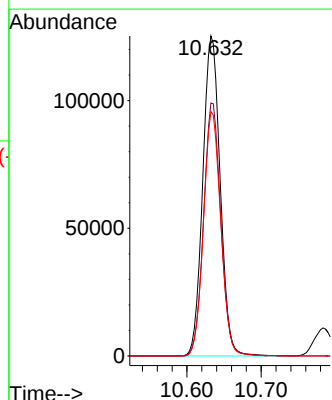
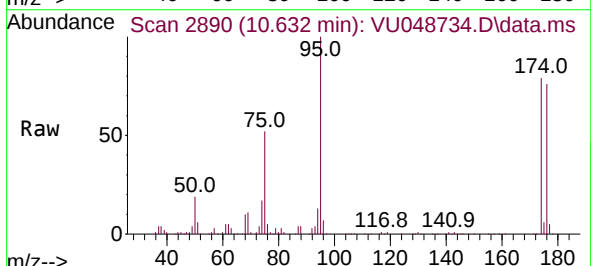
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

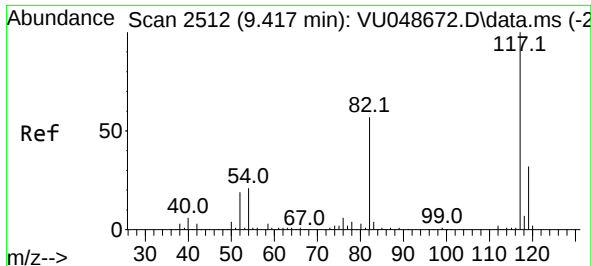
Tgt Ion:107 Resp: 68674
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 49.988 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 95 Resp: 203896
Ion Ratio Lower Upper
95 100
174 78.1 0.0 159.4
176 75.6 0.0 152.4

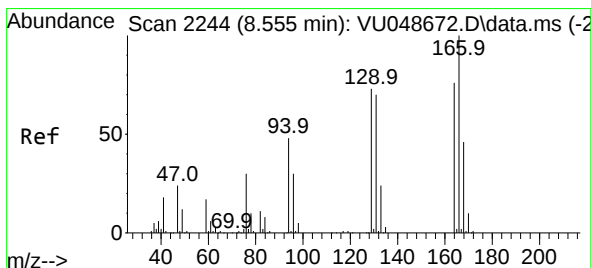
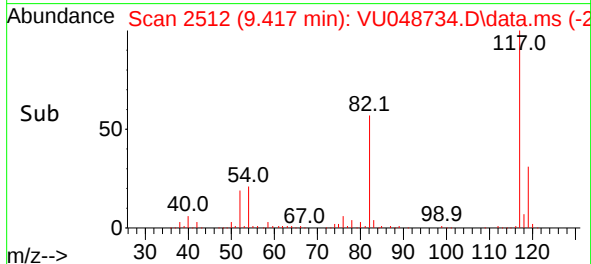
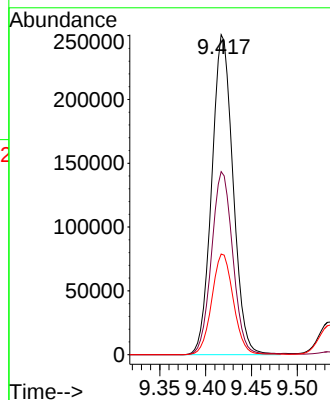
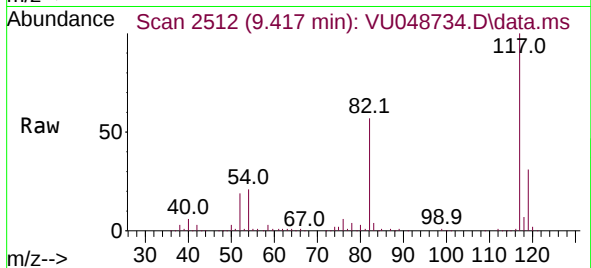




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

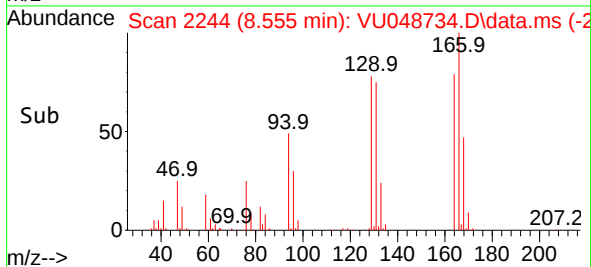
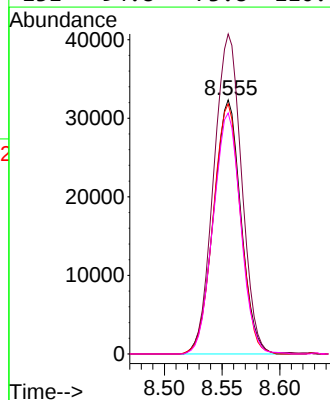
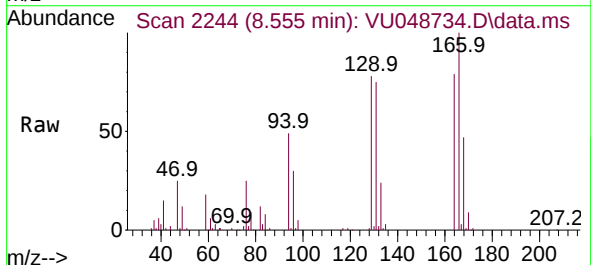
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

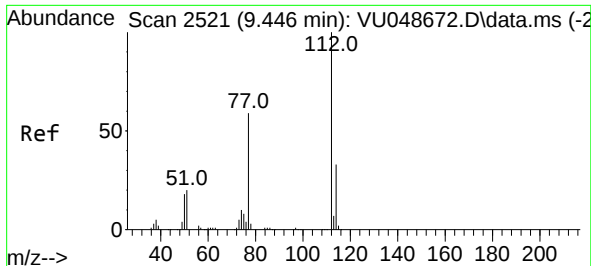
Tgt Ion:117 Resp: 404993
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 18.276 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion:164 Resp: 53376
Ion Ratio Lower Upper
164 100
166 126.0 105.0 157.4
129 98.4 76.5 114.7
131 94.8 73.8 110.6

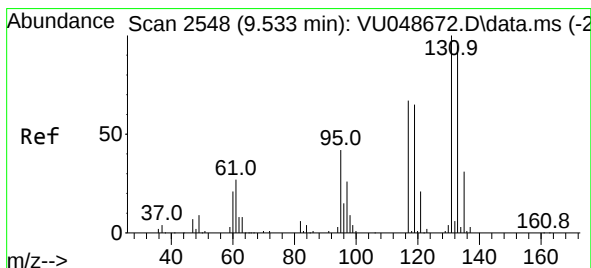
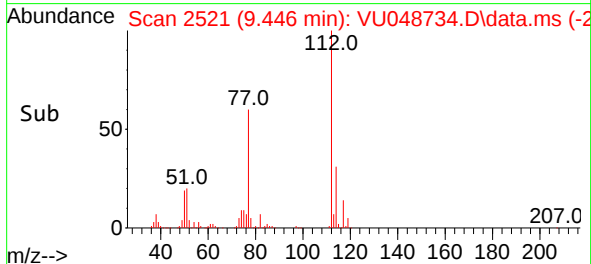
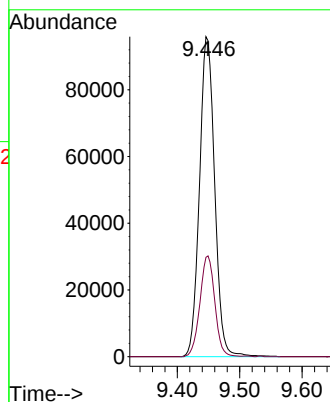
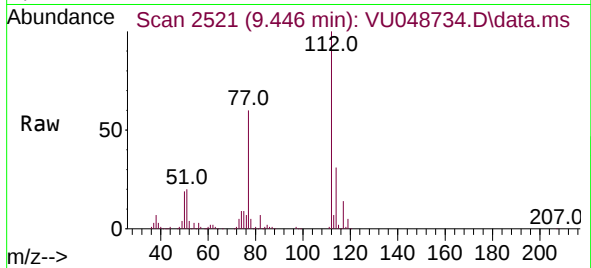




#65
Chlorobenzene
Concen: 18.978 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

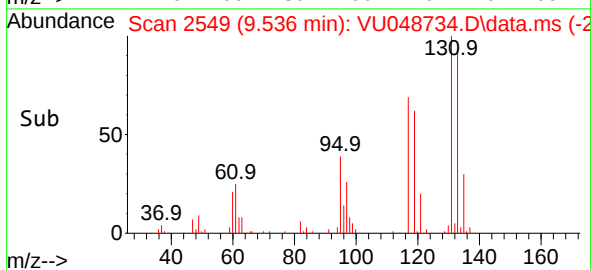
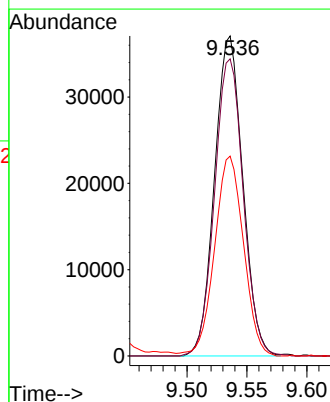
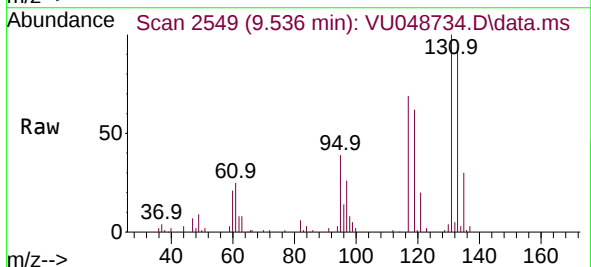
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

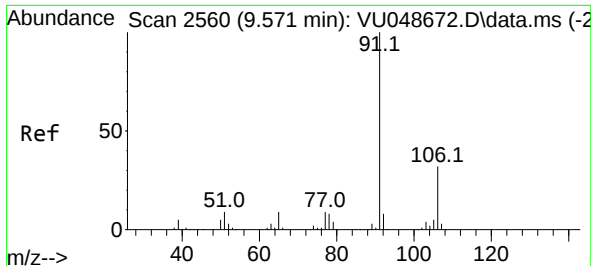
Tgt Ion:112 Resp: 162556
Ion Ratio Lower Upper
112 100
114 31.0 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.664 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion:131 Resp: 60683
Ion Ratio Lower Upper
131 100
133 94.4 48.5 145.5
119 64.1 32.7 98.1





#67

Ethyl Benzene

Concen: 19.619 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

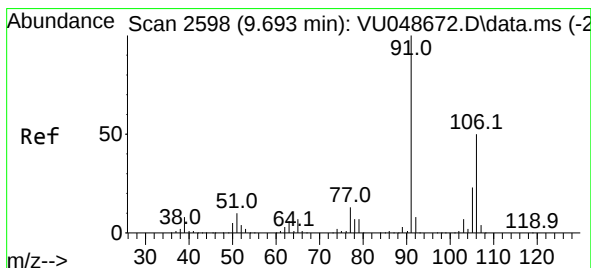
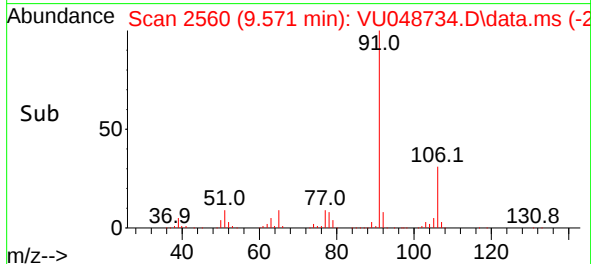
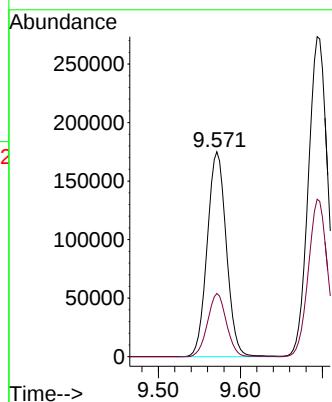
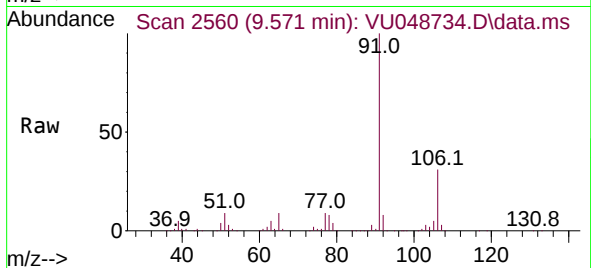
VU0531WBS01

Tgt Ion: 91 Resp: 283437

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.2



#68

m/p-Xylenes

Concen: 39.326 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048734.D

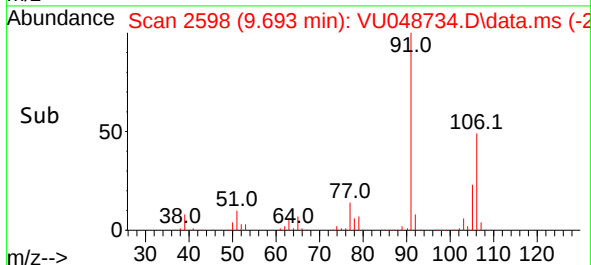
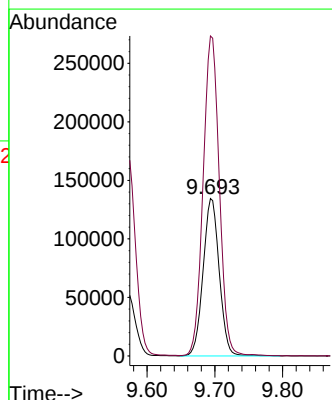
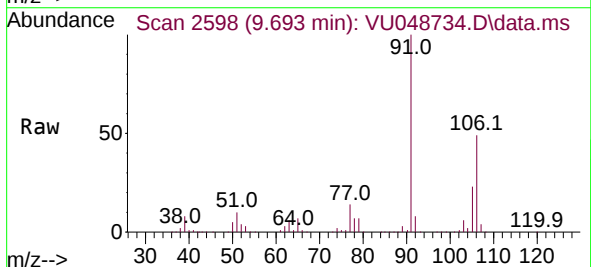
Acq: 31 May 2022 12:46

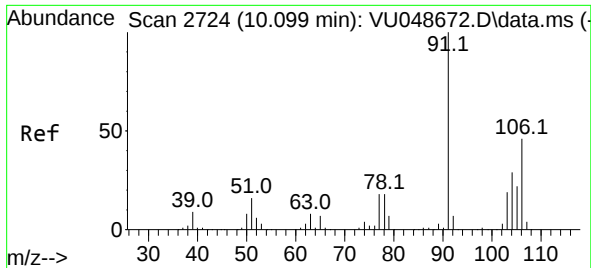
Tgt Ion: 106 Resp: 222202

Ion Ratio Lower Upper

106 100

91 204.1 162.4 243.6

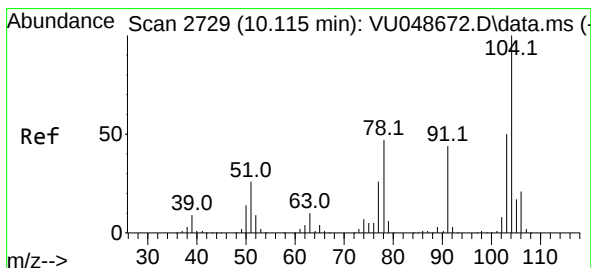
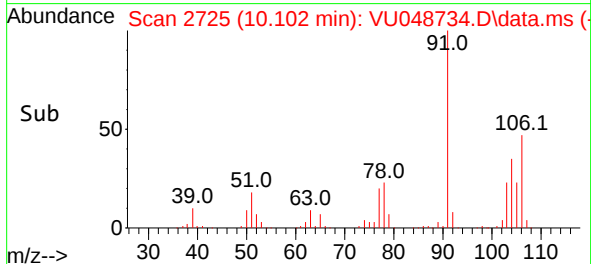
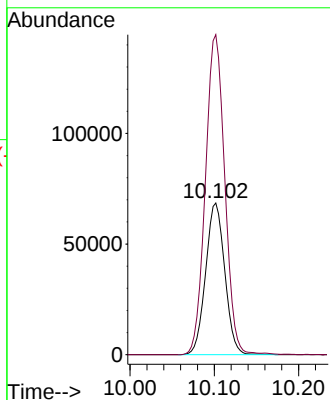
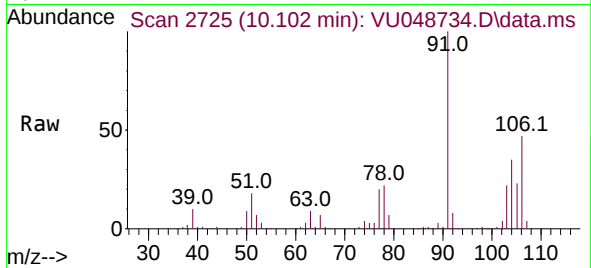




#69
o-Xylene
Concen: 19.526 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

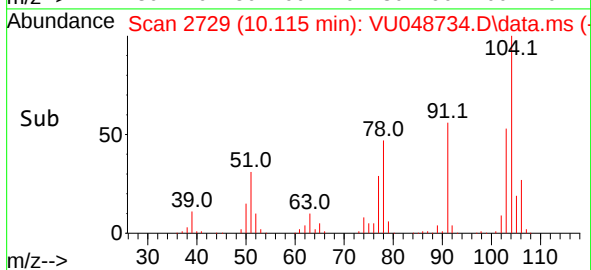
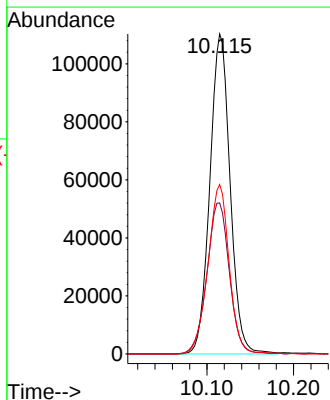
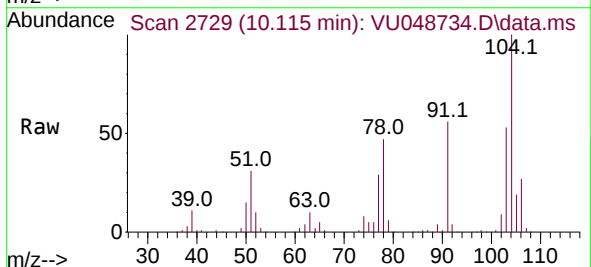
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

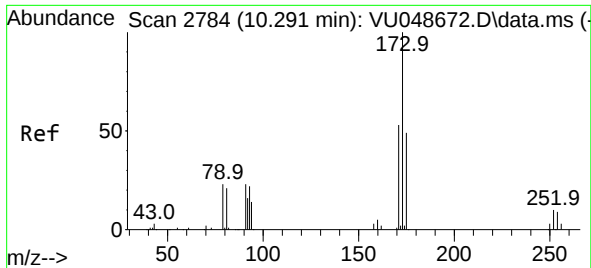
Tgt Ion:106 Resp: 108394
Ion Ratio Lower Upper
106 100
91 213.8 107.7 323.3



#70
Styrene
Concen: 19.652 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion:104 Resp: 179434
Ion Ratio Lower Upper
104 100
78 52.3 41.2 61.8
103 55.5 43.4 65.2

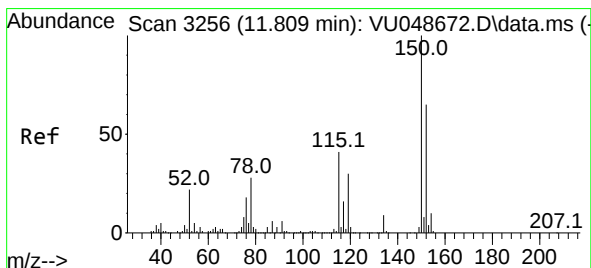
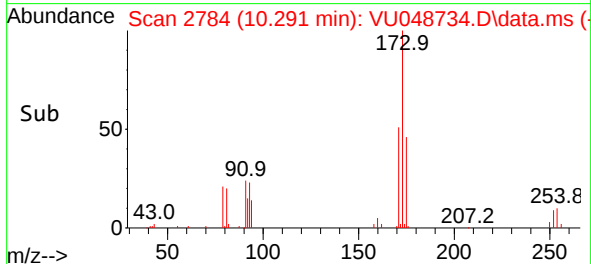
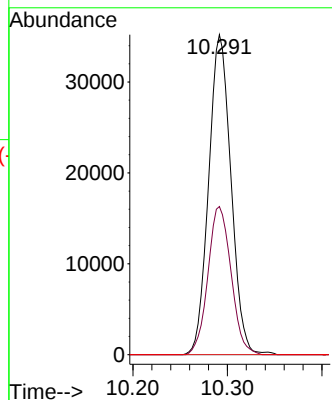
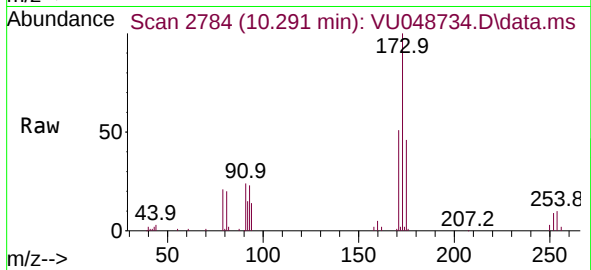




#71
Bromoform
Concen: 19.214 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

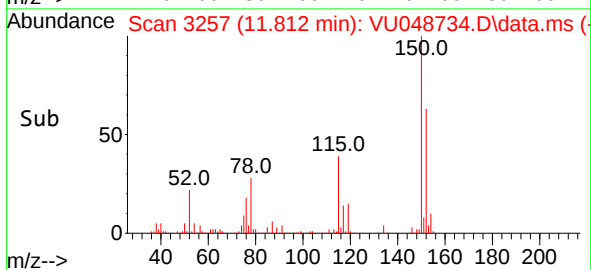
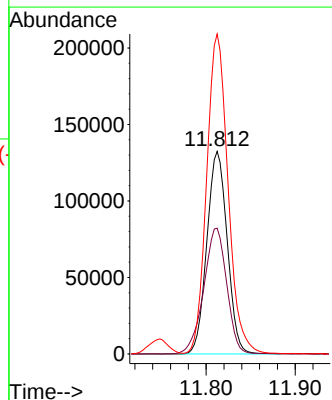
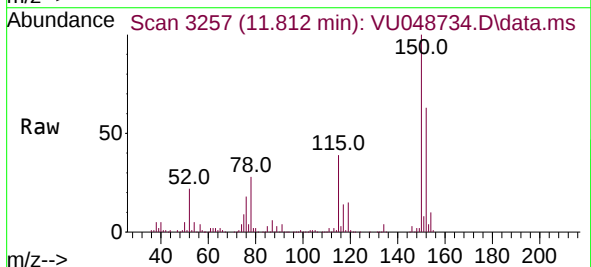
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

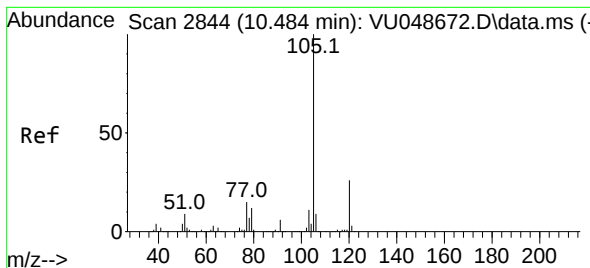
Tgt Ion:173 Resp: 57759
Ion Ratio Lower Upper
173 100
175 47.9 24.5 73.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion:152 Resp: 210155
Ion Ratio Lower Upper
152 100
115 70.2 41.8 125.4
150 165.4 0.0 341.0





#73

Isopropylbenzene

Concen: 21.219 ug/l

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

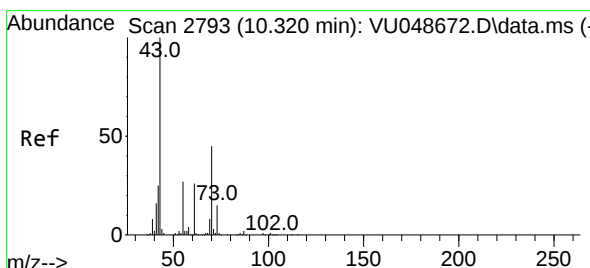
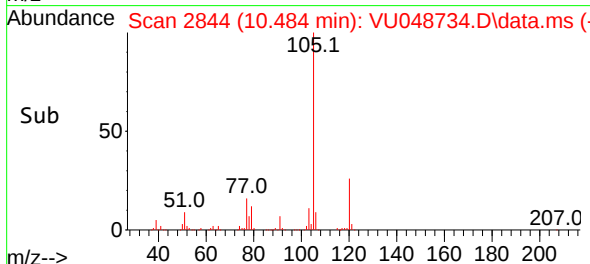
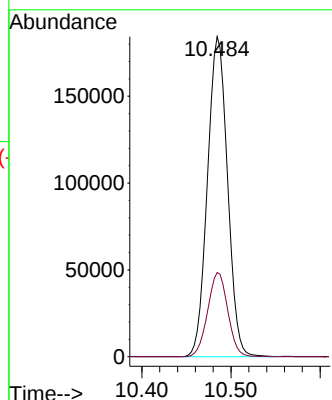
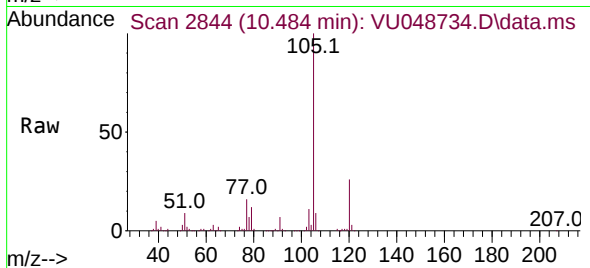
VU0531WBS01

Tgt Ion:105 Resp: 287893

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 19.583 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Tgt Ion: 43 Resp: 123666

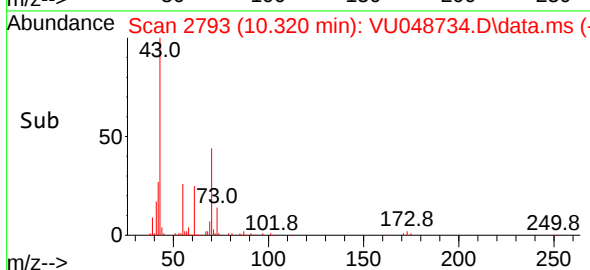
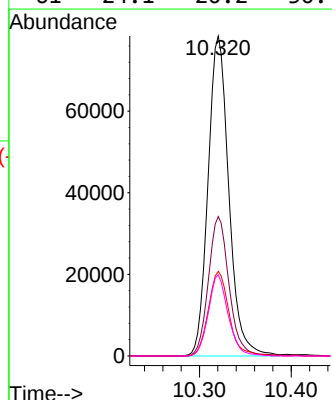
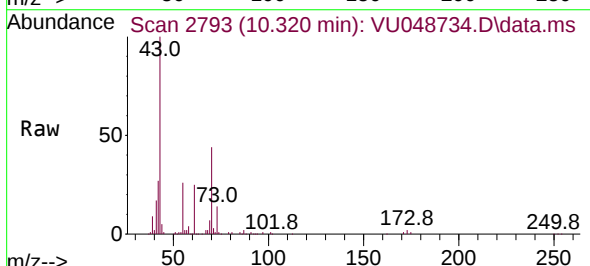
Ion Ratio Lower Upper

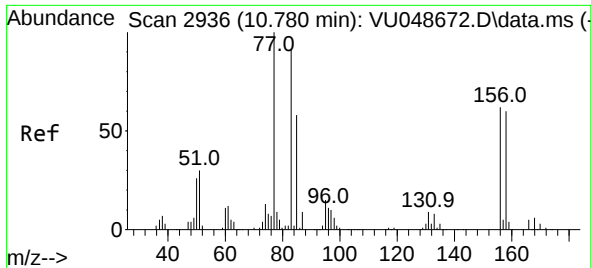
43 100

70 43.4 35.8 53.6

55 26.4 21.1 31.7

61 24.1 20.2 30.4

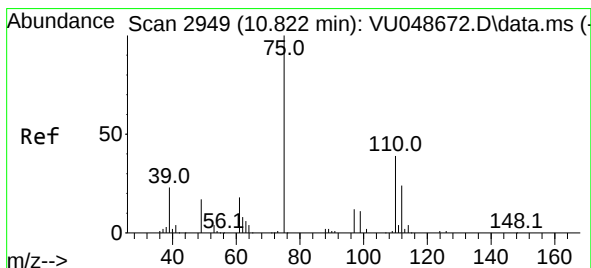
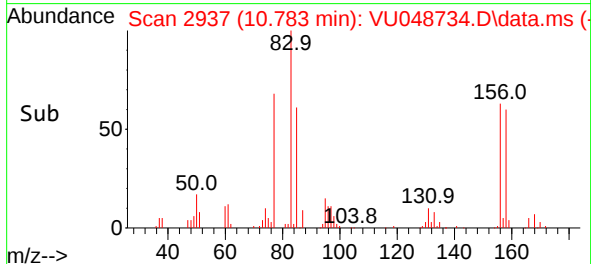
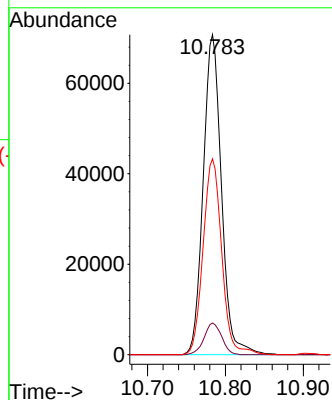
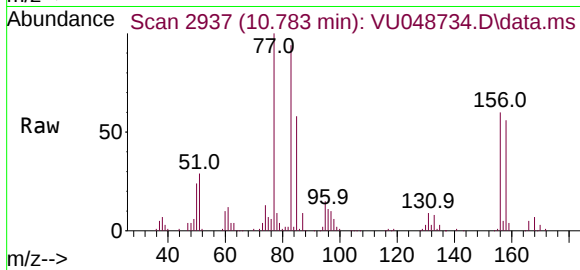




#75
1,1,2,2-Tetrachloroethane
Concen: 20.765 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

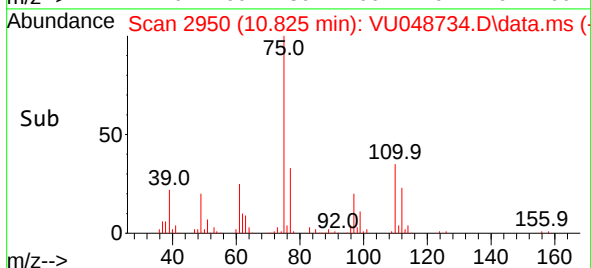
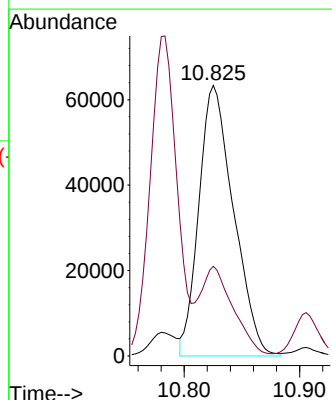
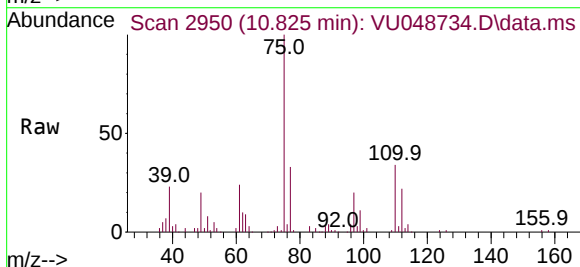
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

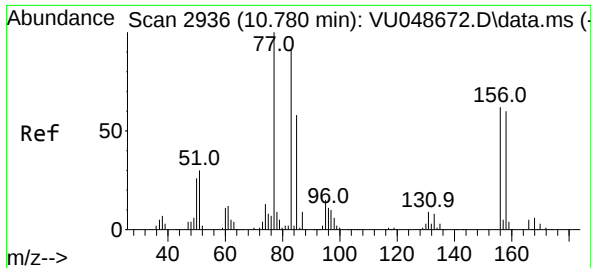
Tgt Ion: 83 Resp: 114967
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 62.5 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 19.511 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 75 Resp: 132207
Ion Ratio Lower Upper
75 100
77 30.6 14.8 44.3

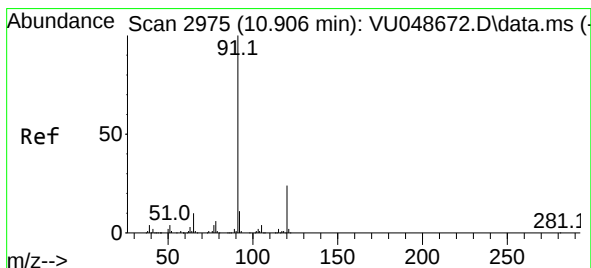
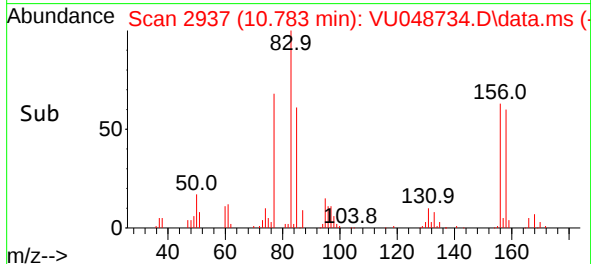
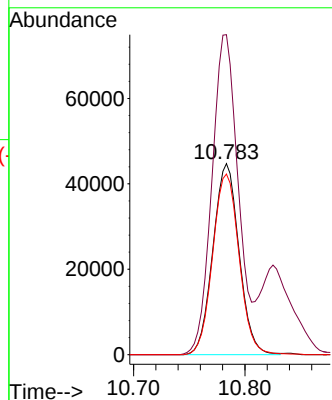
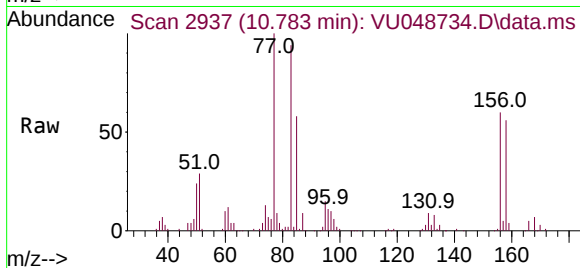




#77
Bromobenzene
Concen: 19.987 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

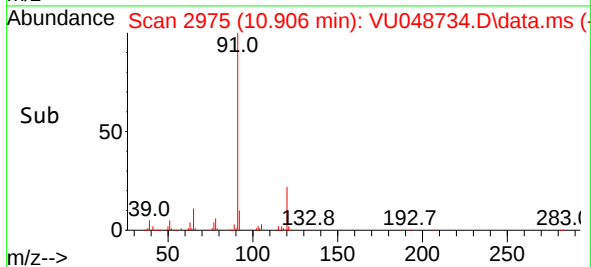
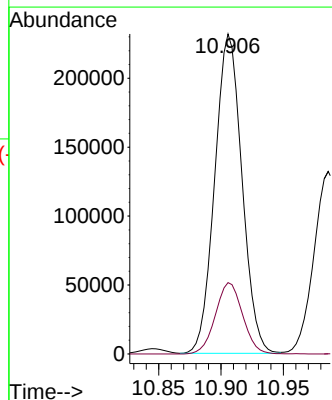
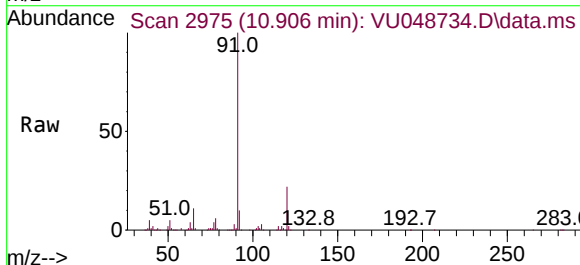
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

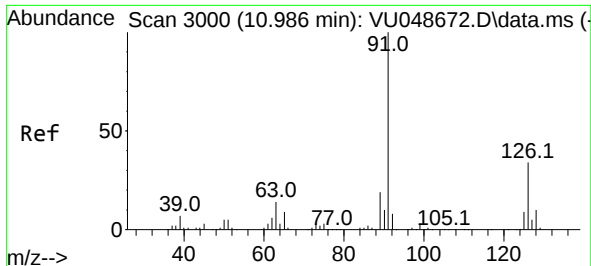
Tgt Ion:156 Resp: 72828
Ion Ratio Lower Upper
156 100
77 166.8 81.1 243.3
158 96.0 48.8 146.4



#78
n-propylbenzene
Concen: 21.767 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 91 Resp: 351901
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.7

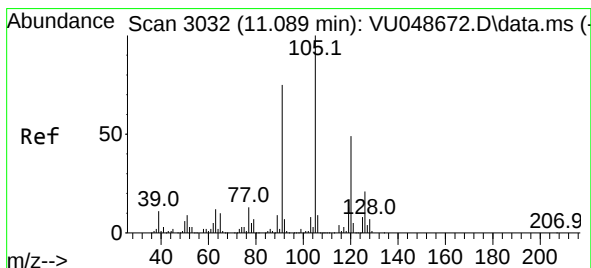
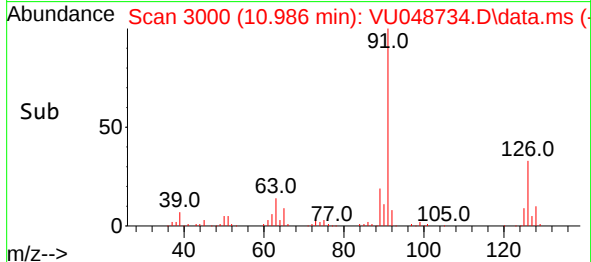
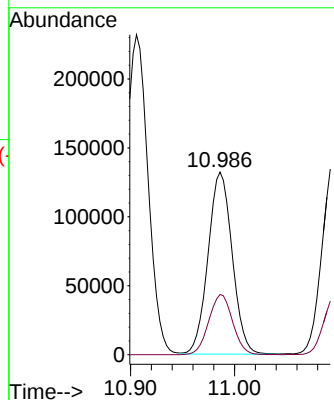
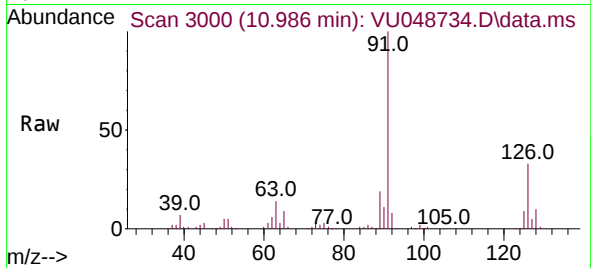




#79
2-Chlorotoluene
Concen: 21.200 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

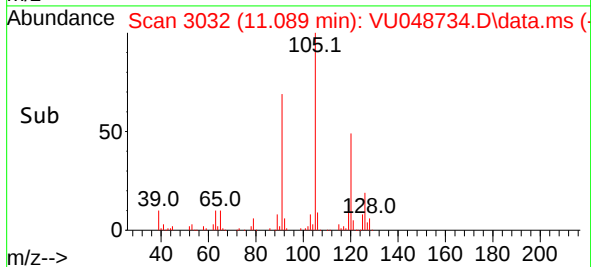
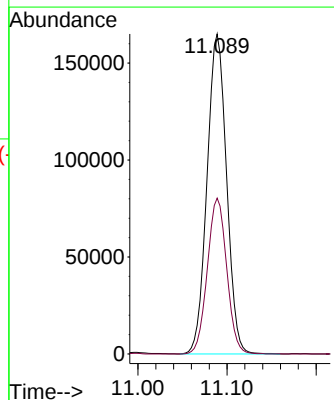
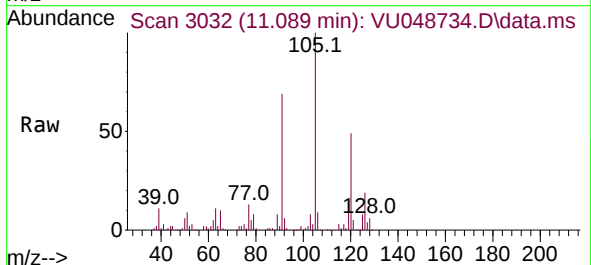
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

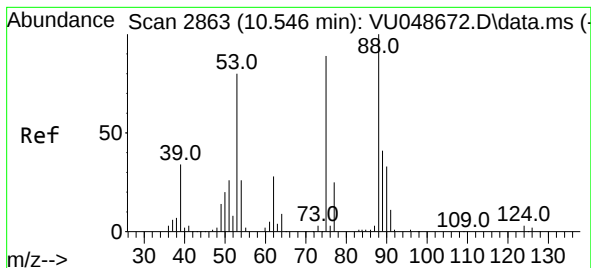
Tgt Ion: 91 Resp: 213138
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 21.302 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 105 Resp: 251335
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

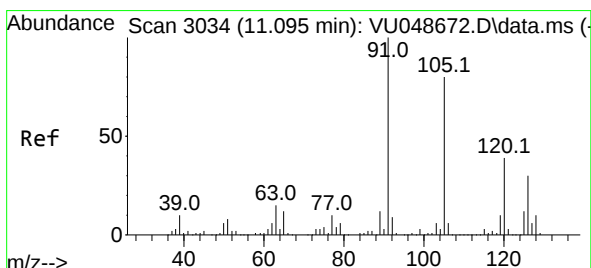
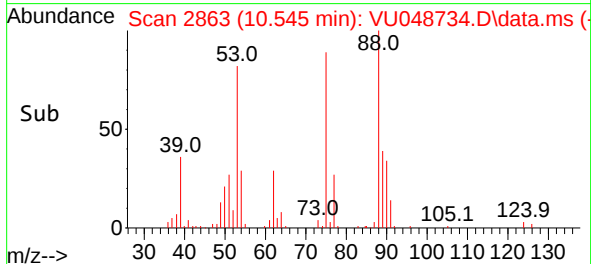
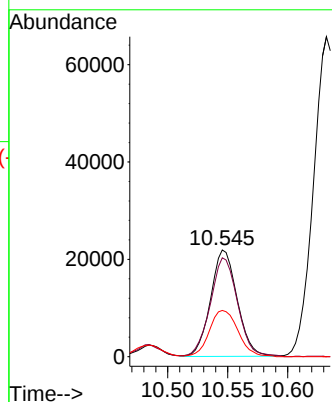
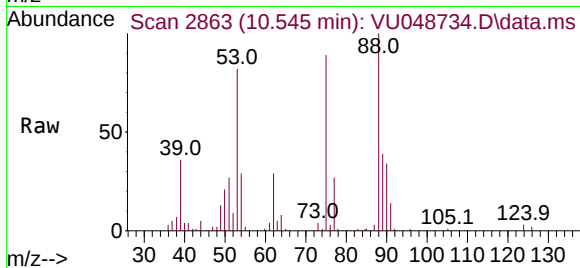




#81
trans-1,4-Dichloro-2-butene
Concen: 18.095 ug/l
RT: 10.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

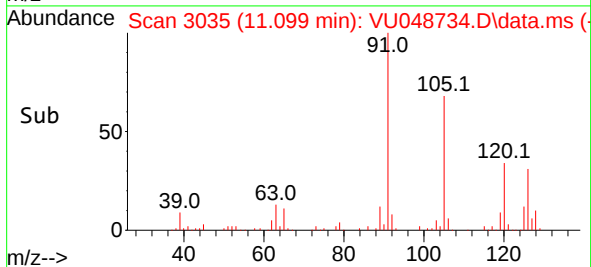
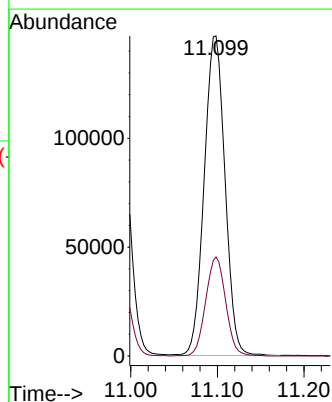
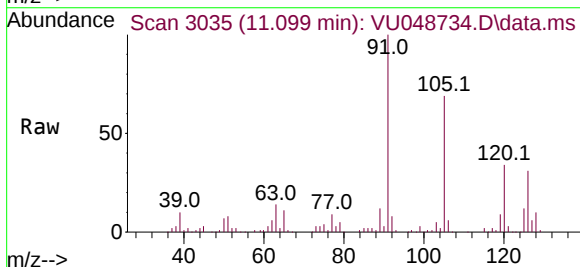
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

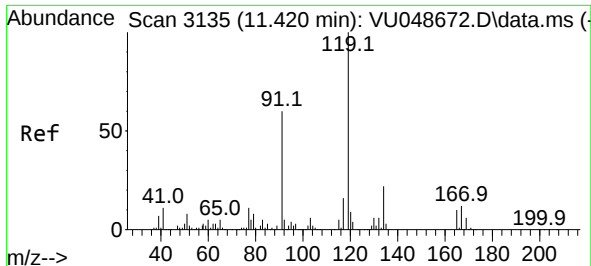
Tgt Ion: 75 Resp: 33769
Ion Ratio Lower Upper
75 100
53 95.5 72.5 108.7
89 47.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.095 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 91 Resp: 244702
Ion Ratio Lower Upper
91 100
126 29.8 14.4 43.2

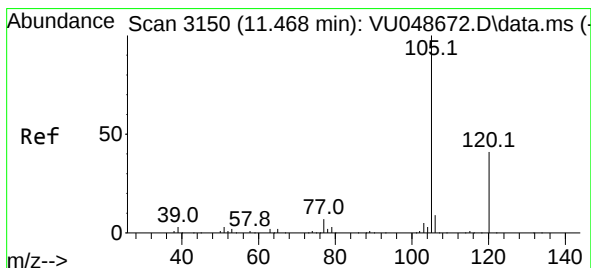
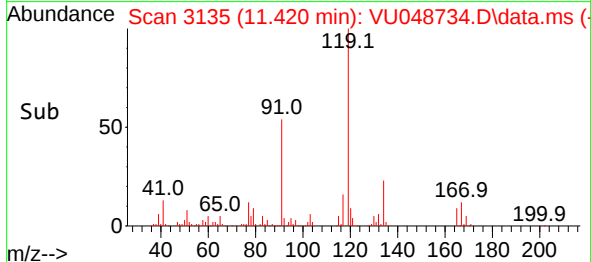
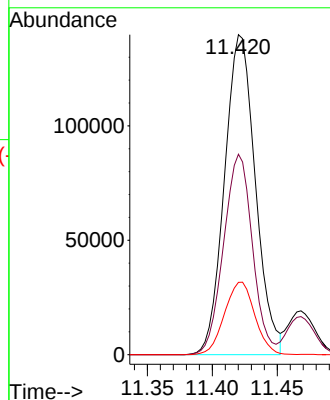
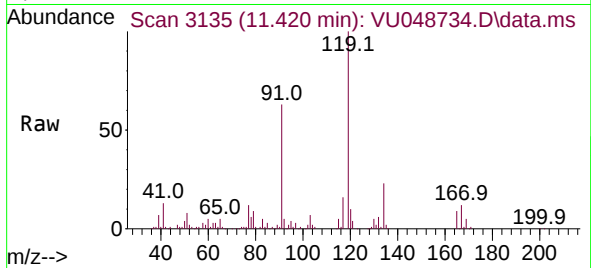




#83
tert-Butylbenzene
Concen: 20.436 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

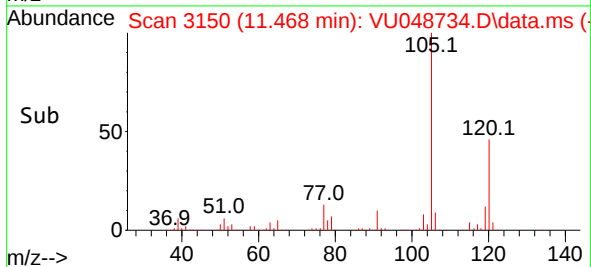
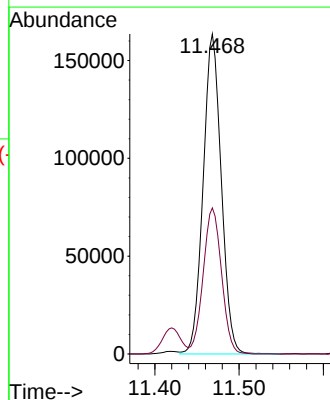
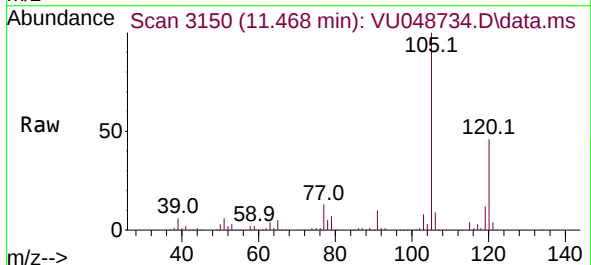
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

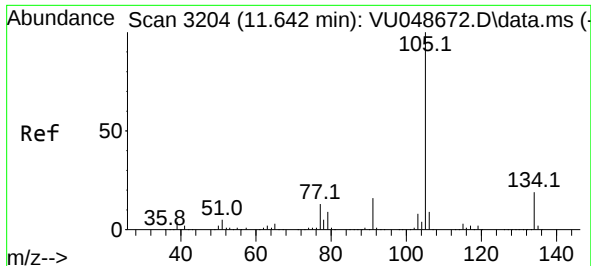
Tgt Ion:119 Resp: 231419
Ion Ratio Lower Upper
119 100
91 58.5 28.7 86.1
134 22.3 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 20.013 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion:105 Resp: 245210
Ion Ratio Lower Upper
105 100
120 46.3 22.5 67.5

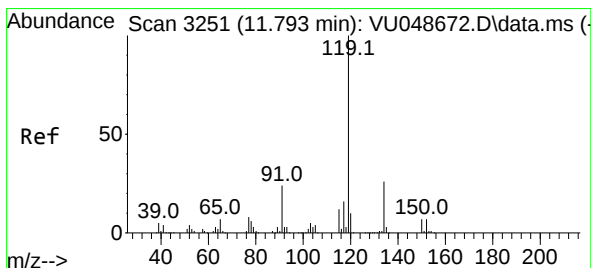
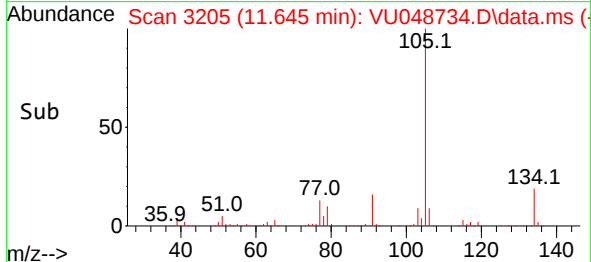
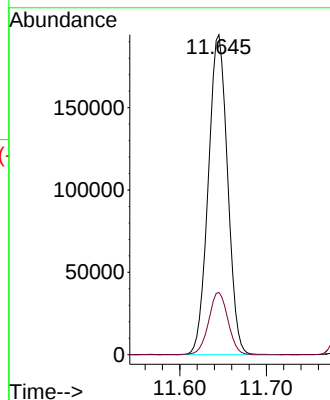
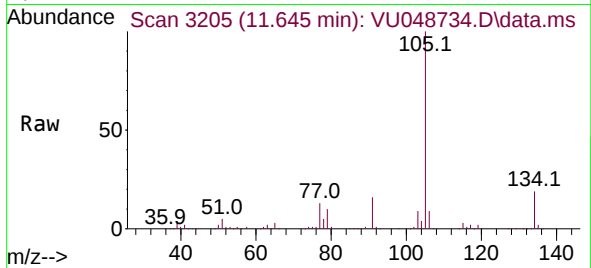




#85
 sec-Butylbenzene
 Concen: 21.222 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

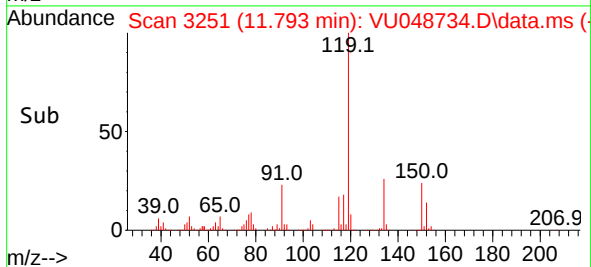
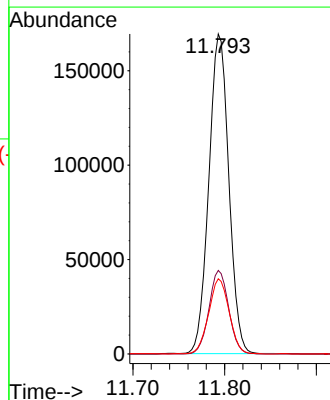
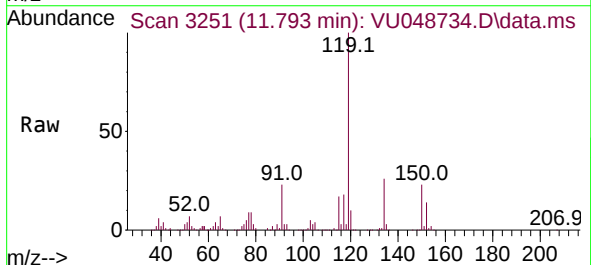
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

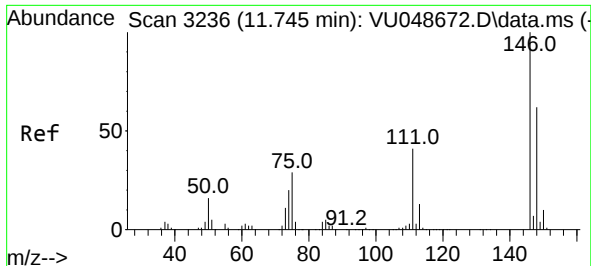
Tgt Ion:105 Resp: 300653
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 21.063 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

Tgt Ion:119 Resp: 256242
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.691 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS01

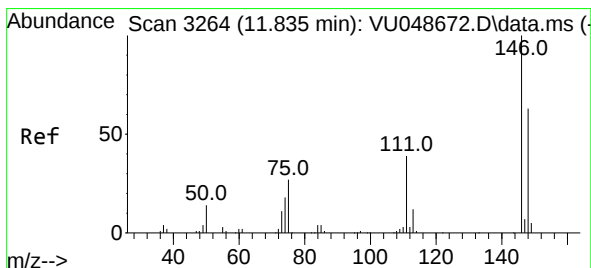
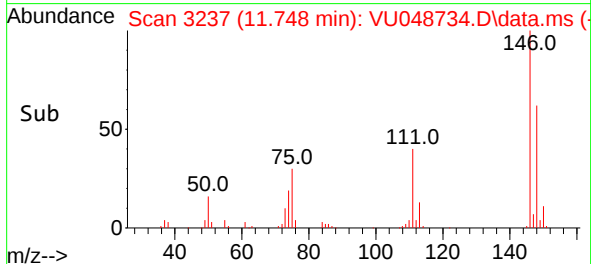
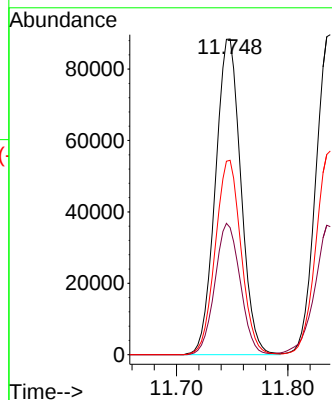
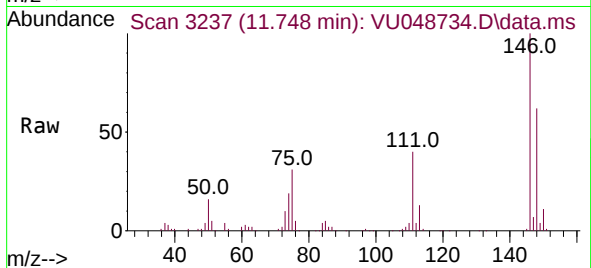
Tgt Ion:146 Resp: 140675

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

148 62.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.348 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU048734.D

Acq: 31 May 2022 12:46

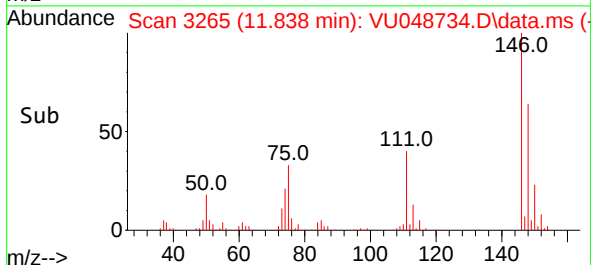
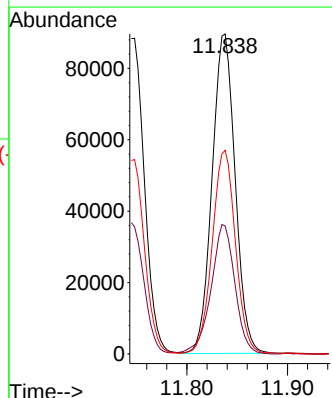
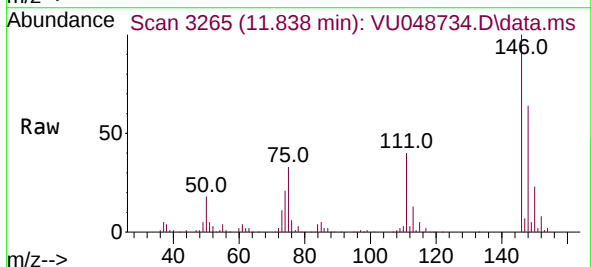
Tgt Ion:146 Resp: 142803

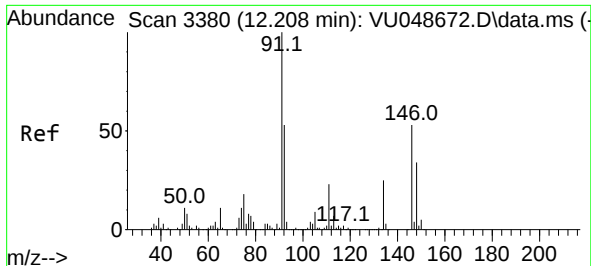
Ion Ratio Lower Upper

146 100

111 42.0 20.2 60.6

148 64.1 32.4 97.0

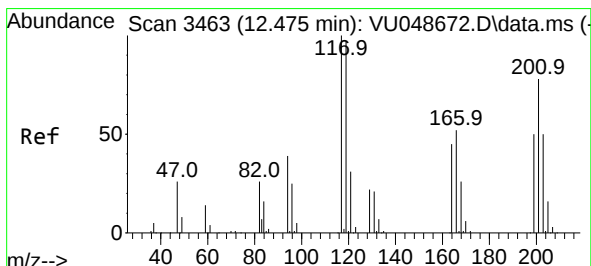
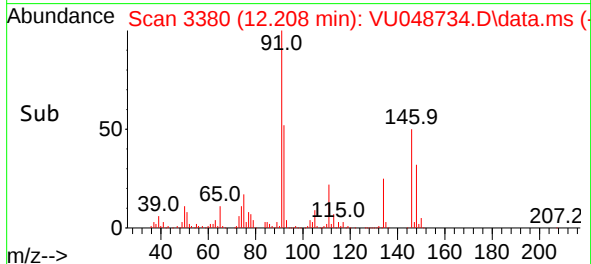
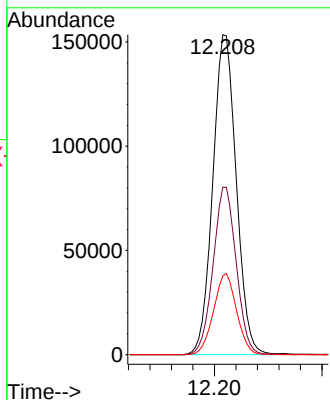
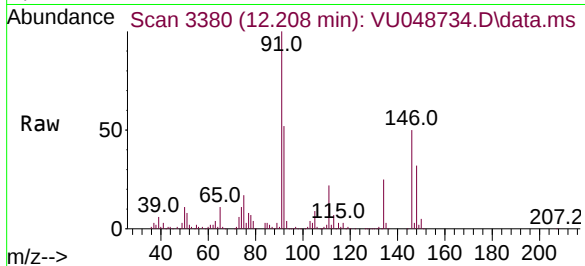




#89
n-Butylbenzene
Concen: 20.433 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

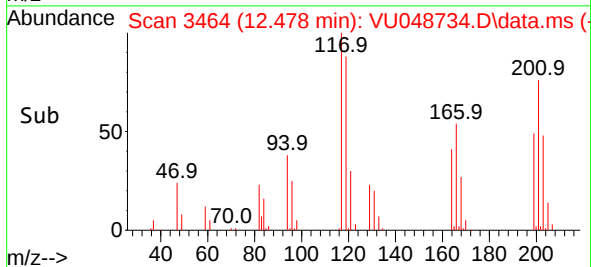
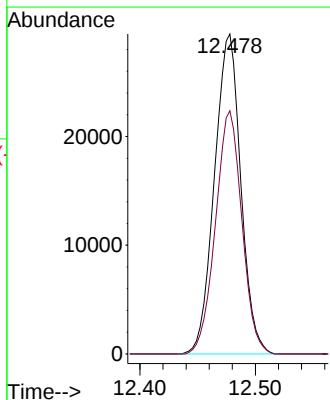
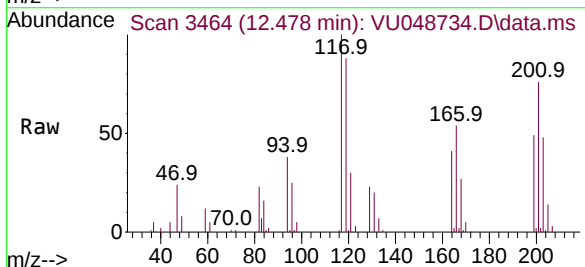
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

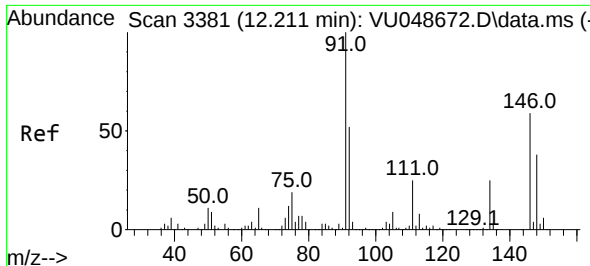
Tgt Ion: 91 Resp: 232365
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.8
134 24.9 12.5 37.5



#90
Hexachloroethane
Concen: 18.777 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion: 117 Resp: 46621
Ion Ratio Lower Upper
117 100
201 76.2 39.6 119.0

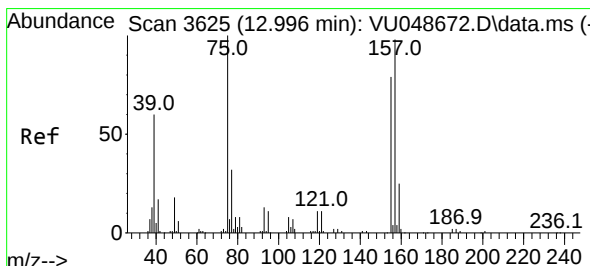
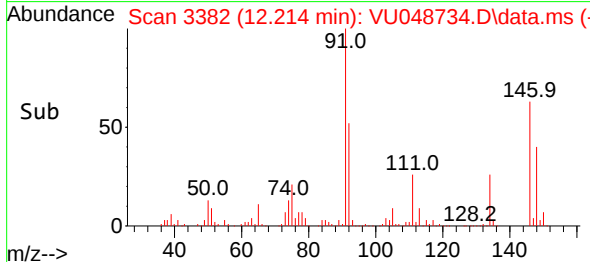
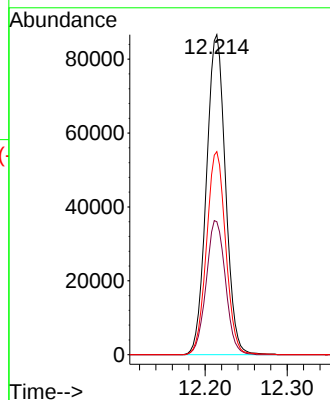
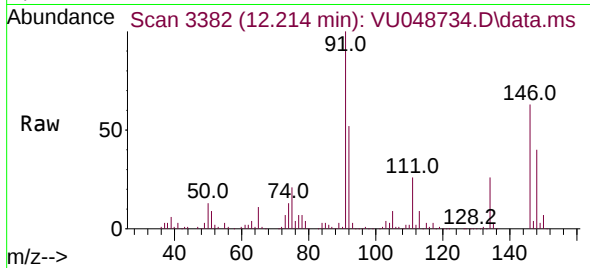




#91
 1,2-Dichlorobenzene
 Concen: 19.374 ug/l
 RT: 12.214 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

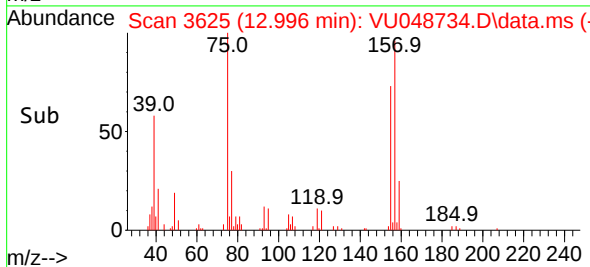
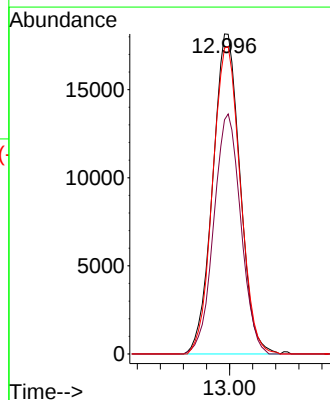
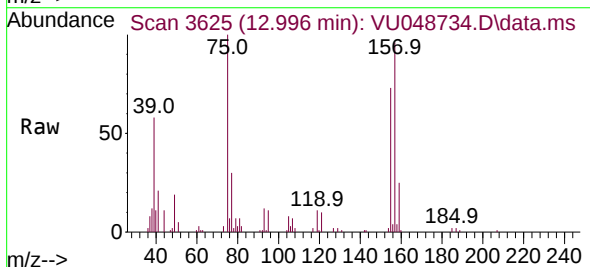
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

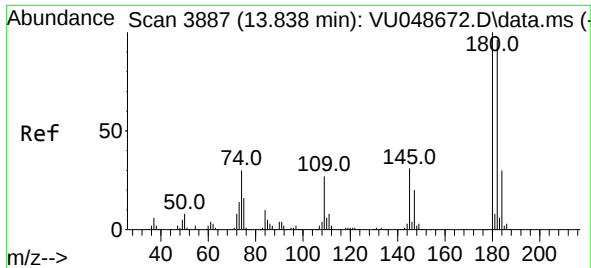
Tgt Ion:146 Resp: 139819
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.4 64.3
 148 63.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.746 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

Tgt Ion: 75 Resp: 29884
 Ion Ratio Lower Upper
 75 100
 155 74.1 40.3 120.8
 157 96.9 50.0 150.0

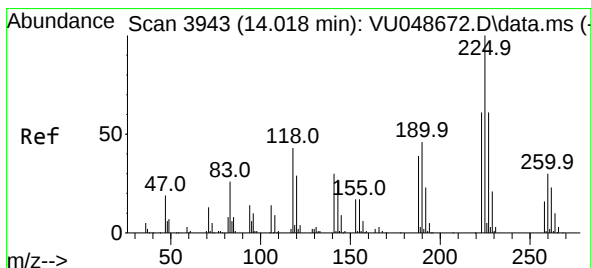
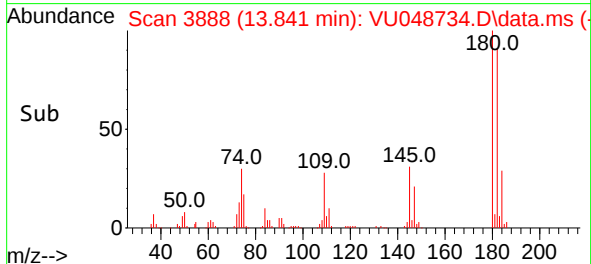
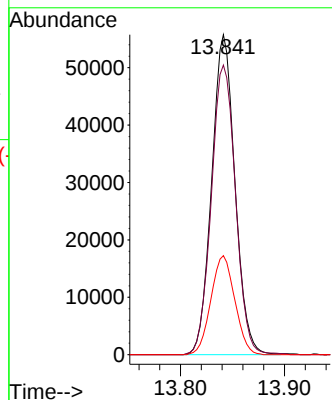
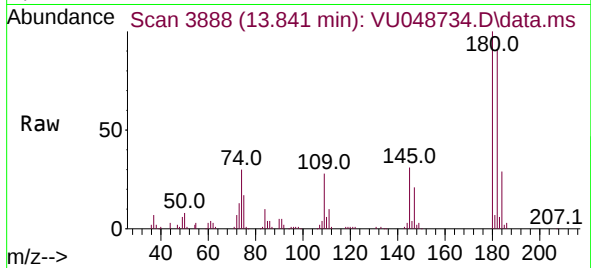




#93
 1,2,4-Trichlorobenzene
 Concen: 18.296 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

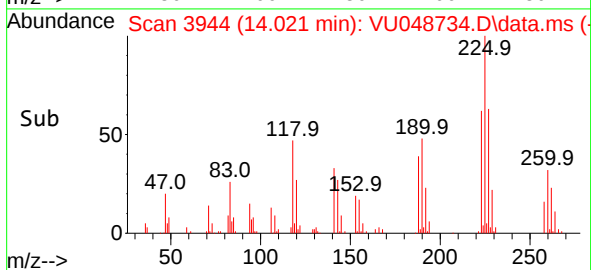
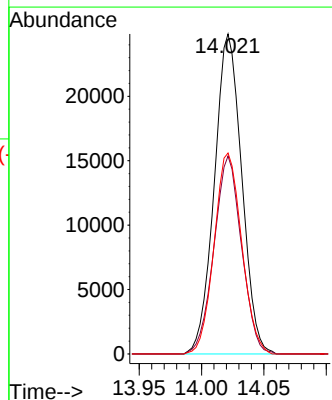
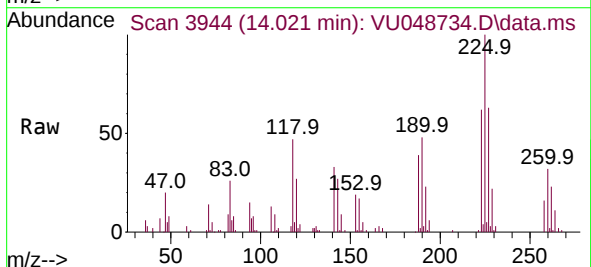
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS01

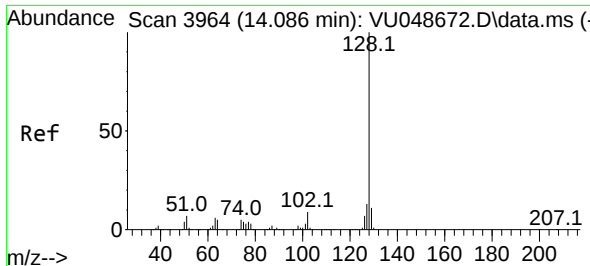
Tgt Ion:180 Resp: 86645
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.3 144.9
 145 31.7 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 16.755 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.003 min
 Lab File: VU048734.D
 Acq: 31 May 2022 12:46

Tgt Ion:225 Resp: 38033
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.9 92.8
 227 63.2 31.1 93.5

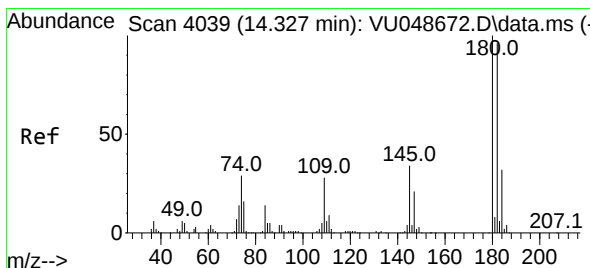
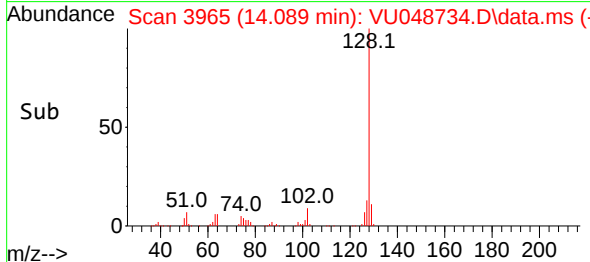
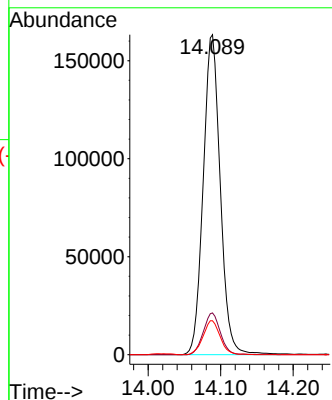
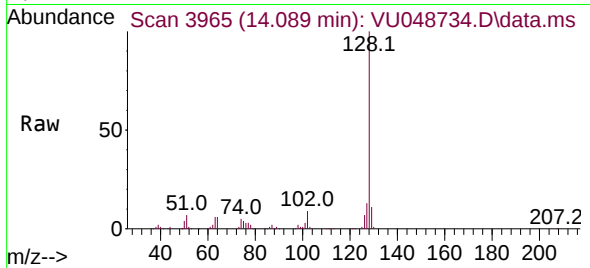




#95
Naphthalene
Concen: 17.843 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS01

Tgt Ion:128 Resp: 266769
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.609 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048734.D
Acq: 31 May 2022 12:46

Tgt Ion:180 Resp: 87289
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 32.3 16.6 49.8

