

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048676.D
 Acq On : 26 May 2022 12:57
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: May 27 05:37:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	236973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	395675	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	376517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	189962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	15694	4.410	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	8.820%#
35) Dibromofluoromethane	5.295	113	13774	4.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.760%#
50) Toluene-d8	7.899	98	48790	4.822	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	9.640%#
62) 4-Bromofluorobenzene	10.635	95	16295	4.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.520%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2841	1.047	ug/l	91
3) Chloromethane	1.523	50	4444	1.273	ug/l	93
4) Vinyl Chloride	1.604	62	3936	1.217	ug/l	99
5) Bromomethane	1.858	94	3643	1.805	ug/l	89
6) Chloroethane	1.935	64	2200	1.092	ug/l #	87
7) Trichlorofluoromethane	2.137	101	4986	1.079	ug/l	98
8) Diethyl Ether	2.382	74	1711	1.004	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.578	101	2738	1.083	ug/l	92
10) Methyl Iodide	2.719	142	1496	0.449	ug/l #	61
11) Tert butyl alcohol	3.186	59	9827	21.230	ug/l #	33
12) 1,1-Dichloroethene	2.581	96	2774	1.150	ug/l #	87
13) Acrolein	2.494	56	3358	9.653	ug/l	98
14) Allyl chloride	2.925	41	4639	0.993	ug/l	93
15) Acrylonitrile	3.317	53	10605	5.419	ug/l	98
16) Acetone	2.629	43	11277	6.218	ug/l	96
17) Carbon Disulfide	2.793	76	11223	1.594	ug/l #	94
18) Methyl Acetate	2.957	43	5152	1.131	ug/l #	89
19) Methyl tert-butyl Ether	3.362	73	8553	0.935	ug/l	91
20) Methylene Chloride	3.047	84	4436	1.438	ug/l	95
21) trans-1,2-Dichloroethene	3.353	96	3400	1.232	ug/l	98
22) Diisopropyl ether	3.996	45	8355	0.970	ug/l #	55
23) Vinyl Acetate	3.964	43	34302	4.594	ug/l	100
24) 1,1-Dichloroethane	3.870	63	5418	1.001	ug/l #	93
25) 2-Butanone	4.713	43	14775	5.671	ug/l	98
26) 2,2-Dichloropropane	4.671	77	6168	1.270	ug/l #	68
27) cis-1,2-Dichloroethene	4.674	96	3757	1.176	ug/l	90
28) Bromochloromethane	4.973	49	1273	0.600	ug/l #	24
29) Tetrahydrofuran	5.060	42	9755	5.849	ug/l	90
30) Chloroform	5.092	83	5928	1.095	ug/l	96
31) Cyclohexane	5.385	56	9825	2.191	ug/l #	43
32) 1,1,1-Trichloroethane	5.314	97	4833	0.984	ug/l #	47
36) 1,1-Dichloropropene	5.533	75	4405	1.069	ug/l	97
37) Ethyl Acetate	4.819	43	4050	0.754	ug/l #	89
38) Carbon Tetrachloride	5.523	117	4692	0.993	ug/l	94
39) Methylcyclohexane	6.764	83	4171	0.966	ug/l #	83
40) Benzene	5.777	78	12698	1.044	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	2714	1.031	ug/l #	82
42) 1,2-Dichloroethane	5.800	62	4809	1.010	ug/l	99
43) Isopropyl Acetate	5.915	43	7602	1.006	ug/l #	91
44) Trichloroethene	6.542	130	3389	1.082	ug/l	99
45) 1,2-Dichloropropane	6.793	63	3693	1.206	ug/l	98
46) Dibromomethane	6.922	93	2401	1.050	ug/l	95
47) Bromodichloromethane	7.105	83	4642	1.003	ug/l #	89
48) Methyl methacrylate	6.964	41	3706	1.092	ug/l	88
49) 1,4-Dioxane	6.973	88	1718	22.647	ug/l	97
51) 4-Methyl-2-Pentanone	7.796	43	27347	5.571	ug/l	99
52) Toluene	7.970	92	7932	1.090	ug/l	97
53) t-1,3-Dichloropropene	8.211	75	5007	1.003	ug/l #	83
54) cis-1,3-Dichloropropene	7.610	75	5141	0.994	ug/l	92
55) 1,1,2-Trichloroethane	8.404	97	3211	1.000	ug/l #	93
56) Ethyl methacrylate	8.337	69	4153	0.927	ug/l	94
57) 1,3-Dichloropropane	8.578	76	5738	1.062	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.465	63	2696	3.074	ug/l	98
59) 2-Hexanone	8.687	43	23715	5.885	ug/l	90
60) Dibromochloromethane	8.809	129	3318	0.922	ug/l	98
61) 1,2-Dibromoethane	8.925	107	3707	1.048	ug/l	92
64) Tetrachloroethene	8.555	164	3357	1.160	ug/l	91
65) Chlorobenzene	9.446	112	10065	1.264	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.533	131	2987	0.988	ug/l #	66
67) Ethyl Benzene	9.571	91	14510	1.080	ug/l	99
68) m/p-Xylenes	9.697	106	11195	2.131	ug/l	92
69) o-Xylene	10.102	106	4603	0.892	ug/l	98
70) Styrene	10.115	104	8233	0.970	ug/l	98
71) Bromoform	10.291	173	2669	0.955	ug/l #	90
73) Isopropylbenzene	10.484	105	13813	1.126	ug/l	97
74) N-amyl acetate	10.320	43	6675	1.259	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.787	83	6165	1.232	ug/l	94
76) 1,2,3-Trichloropropane	10.549	75	1414	0.270	ug/l	94
77) Bromobenzene	10.783	156	4341	1.318	ug/l	97
78) n-propylbenzene	10.906	91	15128	1.035	ug/l	98
79) 2-Chlorotoluene	10.986	91	10431	1.148	ug/l	96
80) 1,3,5-Trimethylbenzene	11.089	105	10717	1.005	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.549	75	1485	0.880	ug/l	98
82) 4-Chlorotoluene	11.095	91	12671	1.208	ug/l	99
83) tert-Butylbenzene	11.420	119	10834	1.058	ug/l	95
84) 1,2,4-Trimethylbenzene	11.471	105	10673	1.028	ug/l	97
85) sec-Butylbenzene	11.645	105	13480	1.053	ug/l	93
86) p-Isopropyltoluene	11.793	119	11538	1.049	ug/l	95
87) 1,3-Dichlorobenzene	11.748	146	9087	1.407	ug/l	94
88) 1,4-Dichlorobenzene	11.748	146	9087	1.362	ug/l	96
89) n-Butylbenzene	12.214	91	12094	1.251	ug/l	97
90) Hexachloroethane	12.475	117	2366	1.054	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	8519	1.306	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	1839	1.276	ug/l	94
93) 1,2,4-Trichlorobenzene	13.841	180	8527	1.992	ug/l	92
94) Hexachlorobutadiene	14.021	225	3097	1.509	ug/l	99
95) Naphthalene	14.089	128	45662	3.439	ug/l	98
96) 1,2,3-Trichlorobenzene	14.330	180	8656	2.042	ug/l	95

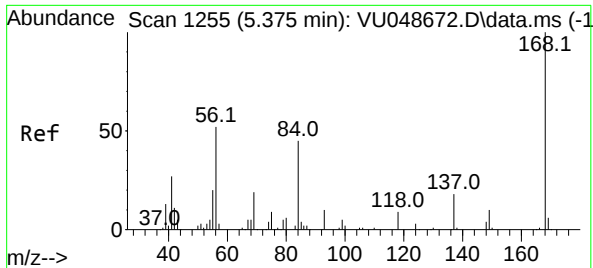
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
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Response via : Initial Calibration

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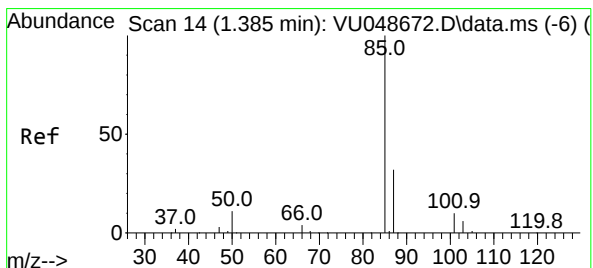
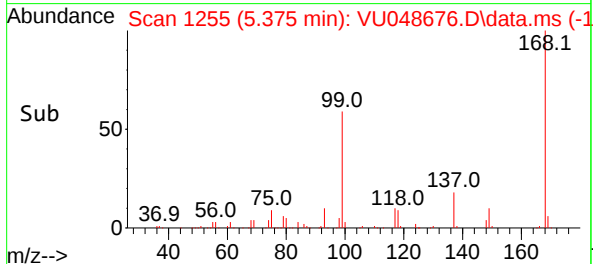
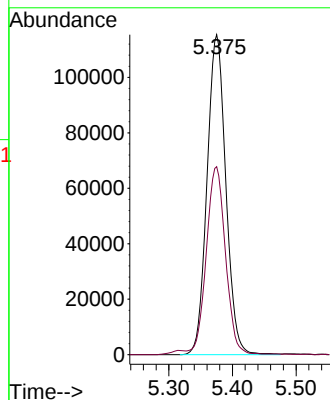
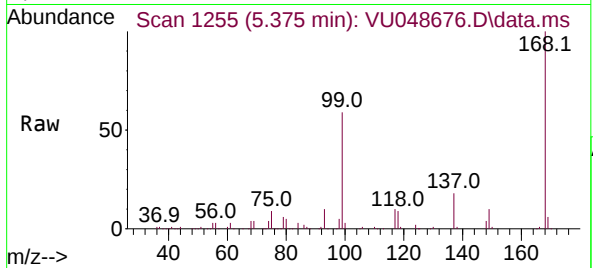
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
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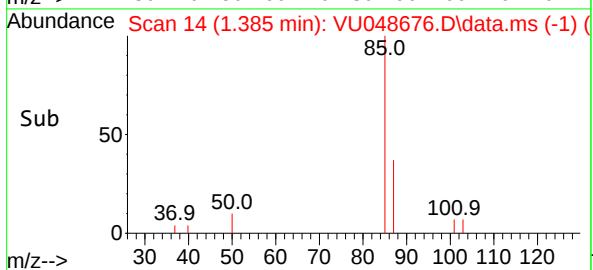
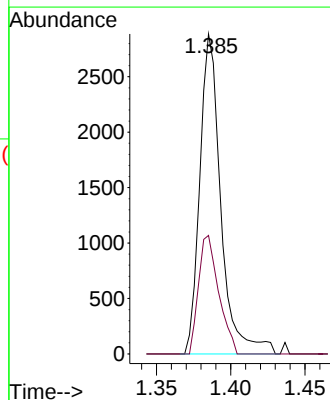
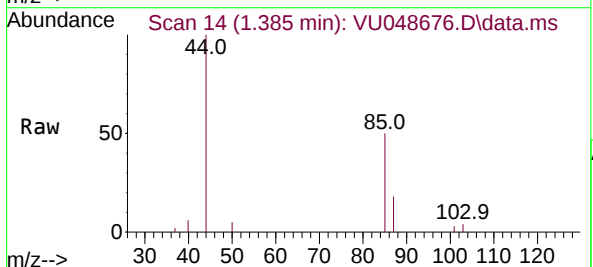
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MSVOA_U
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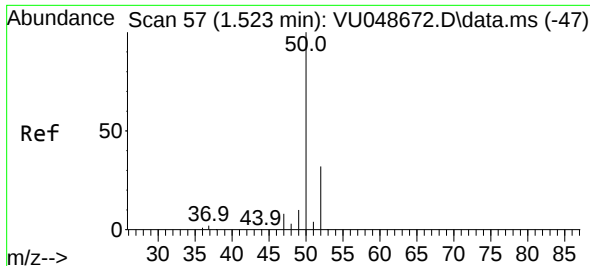
Tgt Ion:168 Resp: 236973
Ion Ratio Lower Upper
168 100
99 58.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 1.047 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 85 Resp: 2841
Ion Ratio Lower Upper
85 100
87 37.0 16.0 48.0

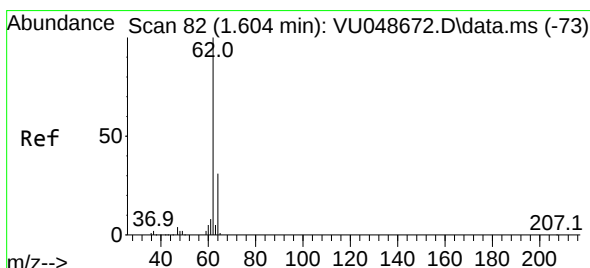
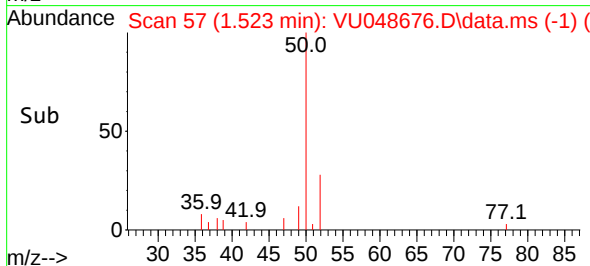
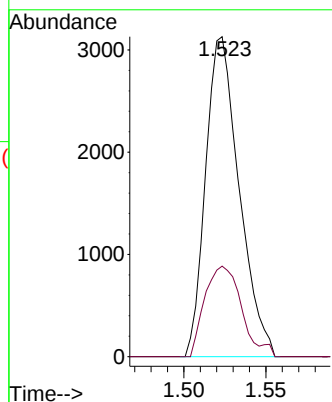
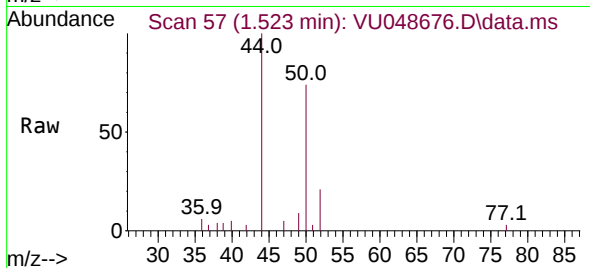




#3
Chloromethane
Concen: 1.273 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

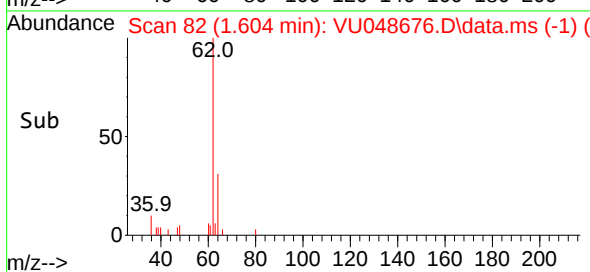
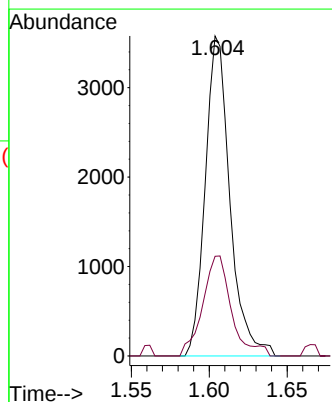
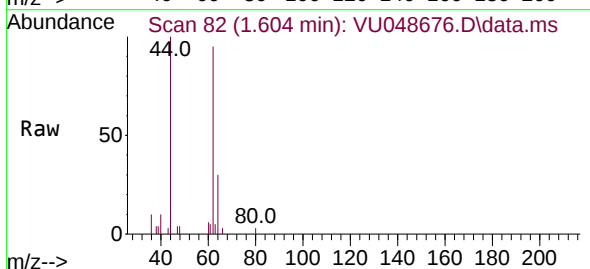
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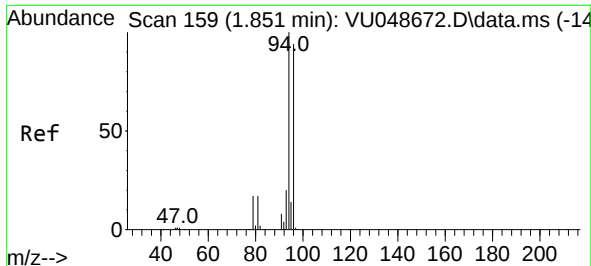
Tgt Ion: 50 Resp: 4444
Ion Ratio Lower Upper
50 100
52 28.3 25.7 38.5



#4
Vinyl Chloride
Concen: 1.217 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 62 Resp: 3936
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8

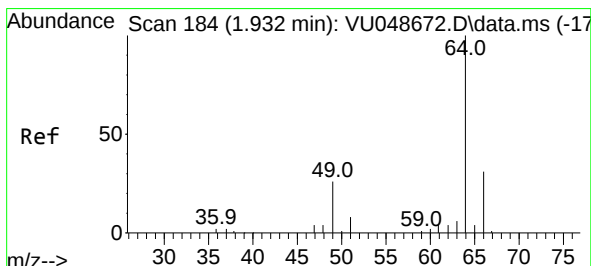
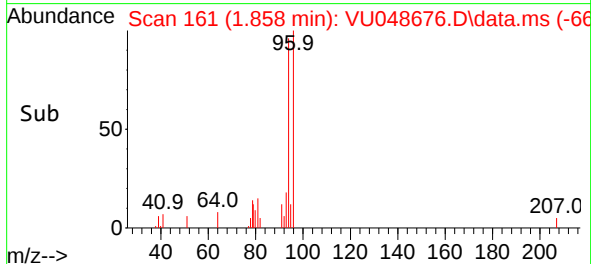
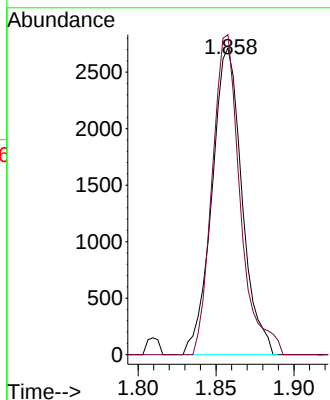
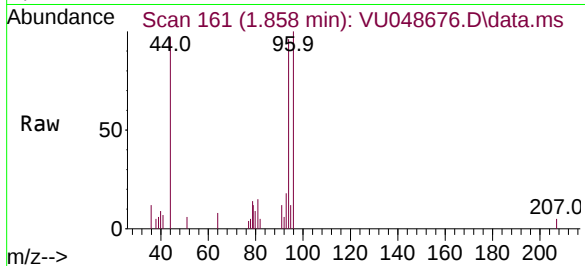




#5
Bromomethane
Concen: 1.805 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU048676.D
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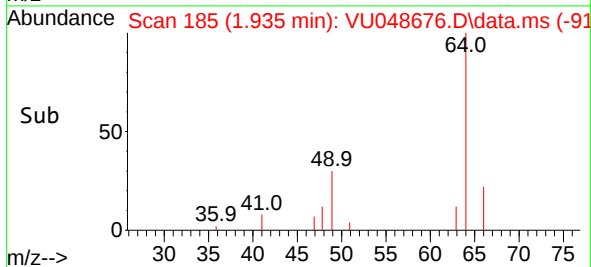
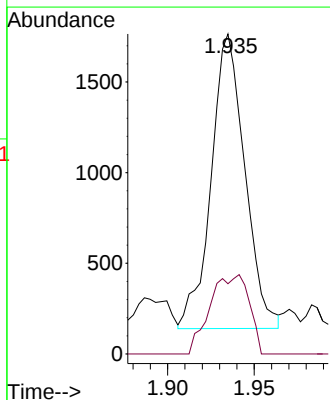
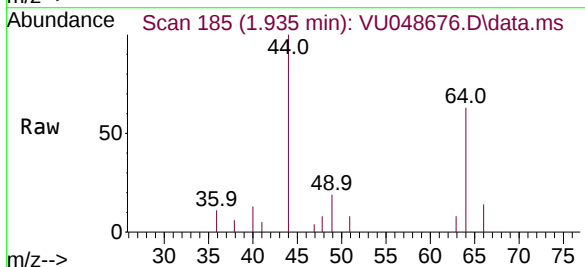
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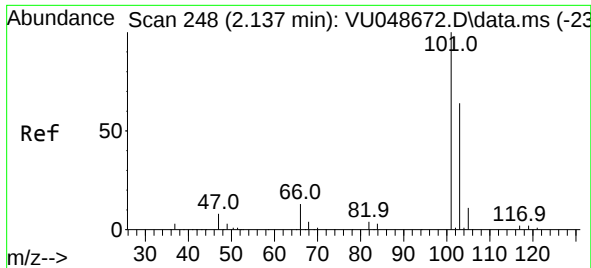
Tgt Ion: 94 Resp: 3643
Ion Ratio Lower Upper
94 100
96 104.3 75.1 112.7



#6
Chloroethane
Concen: 1.092 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 64 Resp: 2200
Ion Ratio Lower Upper
64 100
66 24.1 25.2 37.8#

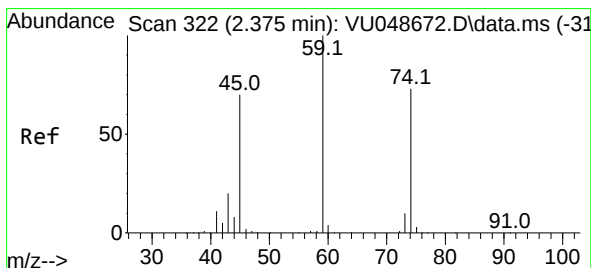
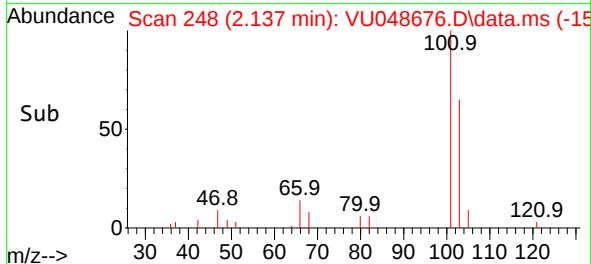
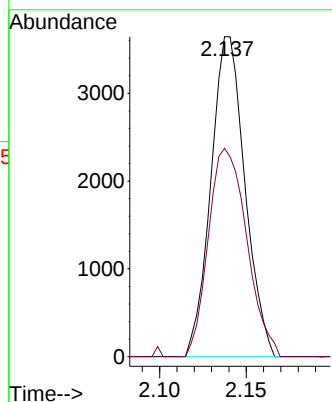
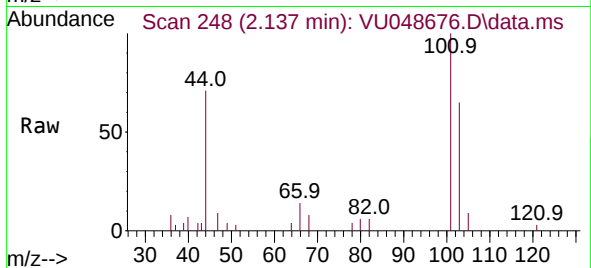




#7
 Trichlorofluoromethane
 Concen: 1.079 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU048676.D
 Acq: 26 May 2022 12:57

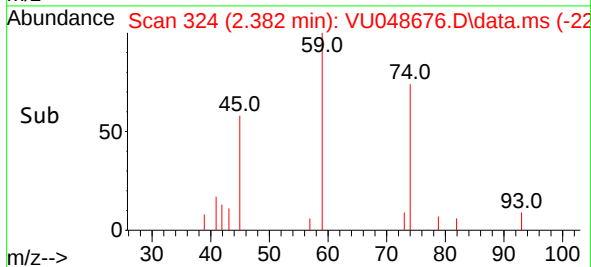
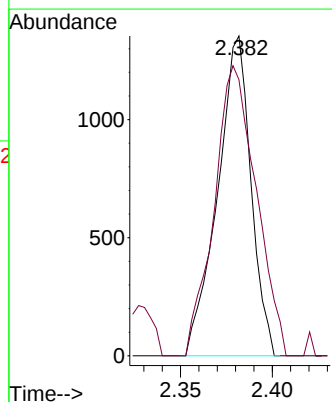
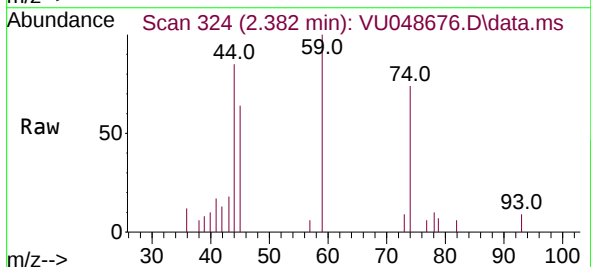
Instrument :
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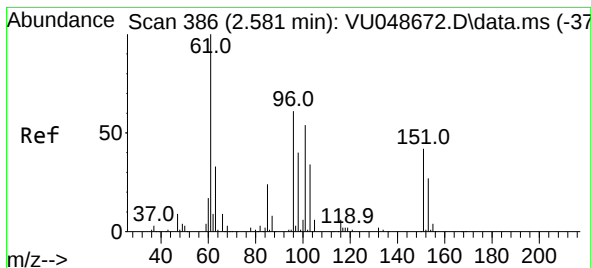
Tgt Ion:101 Resp: 4986
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.0 76.4



#8
 Diethyl Ether
 Concen: 1.004 ug/l
 RT: 2.382 min Scan# 324
 Delta R.T. 0.006 min
 Lab File: VU048676.D
 Acq: 26 May 2022 12:57

Tgt Ion: 74 Resp: 1711
 Ion Ratio Lower Upper
 74 100
 45 114.1 47.7 143.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.083 ug/l

RT: 2.578 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

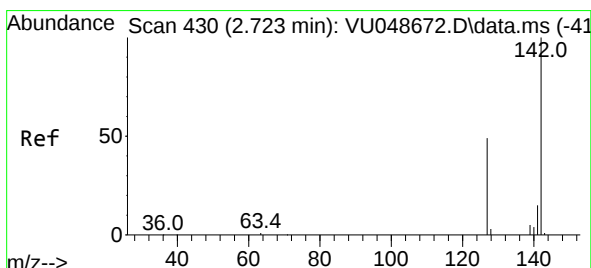
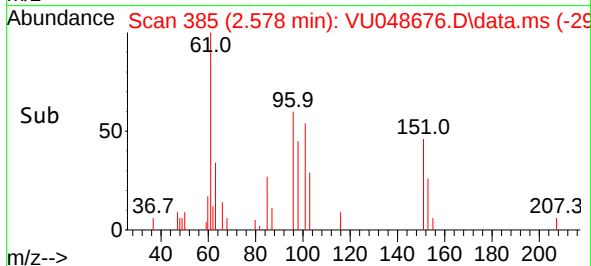
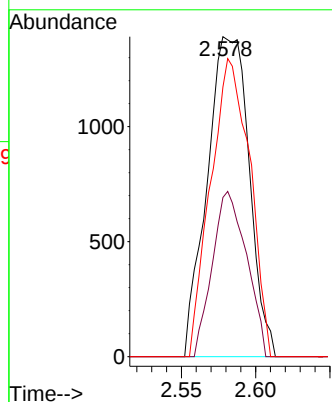
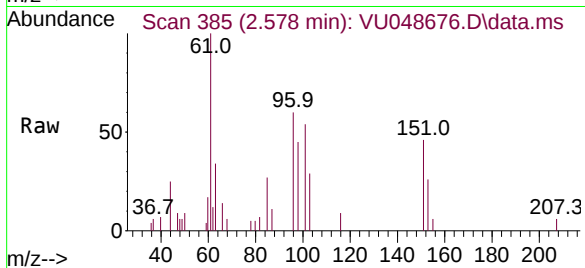
Tgt Ion:101 Resp: 2738

Ion Ratio Lower Upper

101 100

85 42.0 35.4 53.2

151 86.7 62.5 93.7



#10

Methyl Iodide

Concen: 0.449 ug/l

RT: 2.719 min Scan# 429

Delta R.T. -0.003 min

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Acq: 26 May 2022 12:57

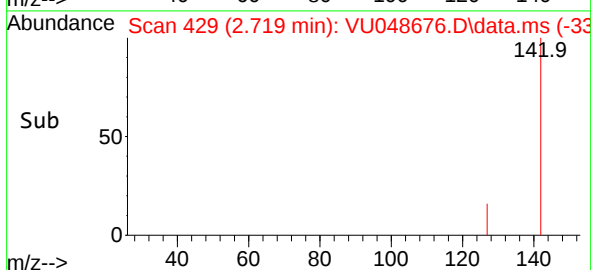
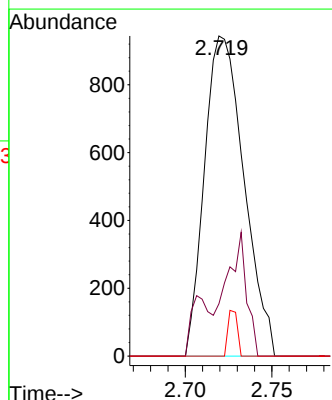
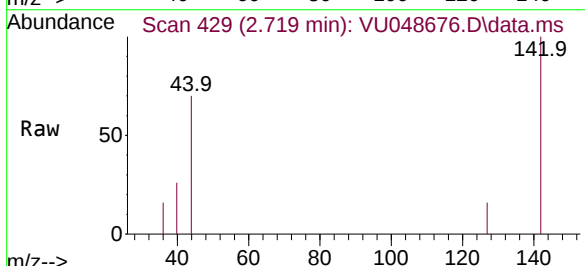
Tgt Ion:142 Resp: 1496

Ion Ratio Lower Upper

142 100

127 19.6 38.4 57.6#

141 3.4 11.5 17.3#

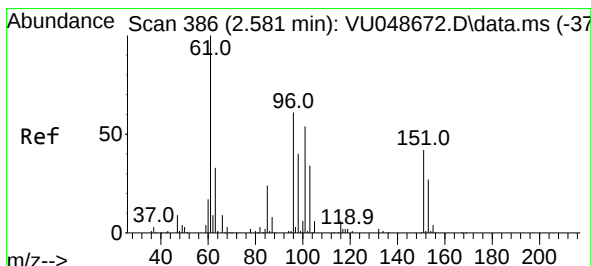
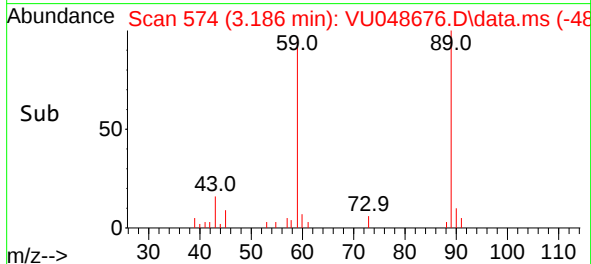
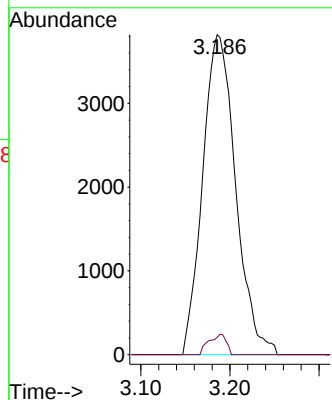
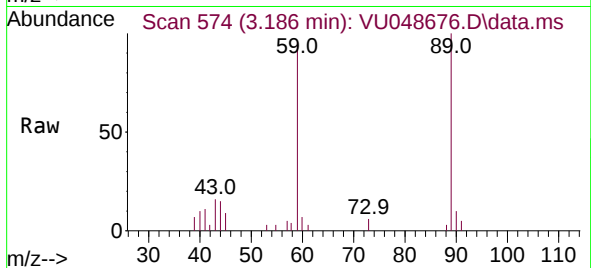




#11
Tert butyl alcohol
Concen: 21.230 ug/l
RT: 3.186 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

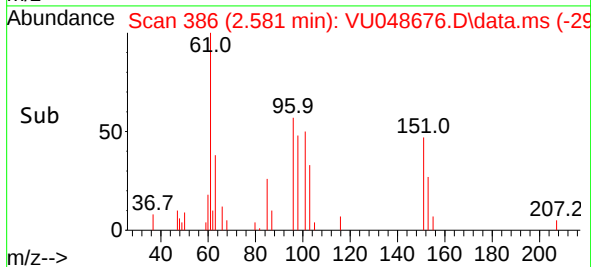
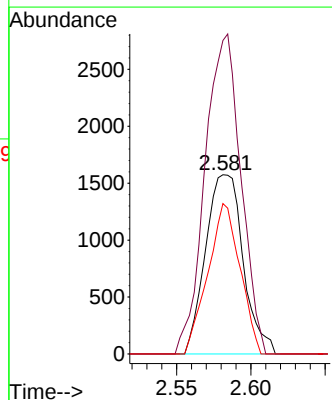
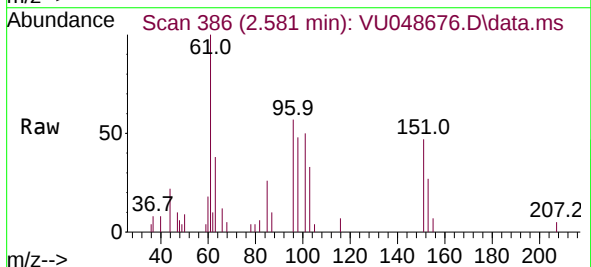
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 9827
Ion Ratio Lower Upper
59 100
57 3.4 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 1.150 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 96 Resp: 2774
Ion Ratio Lower Upper
96 100
61 174.9 131.1 196.7
98 83.9 51.8 77.8#

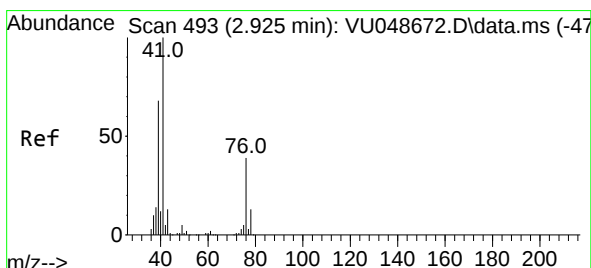
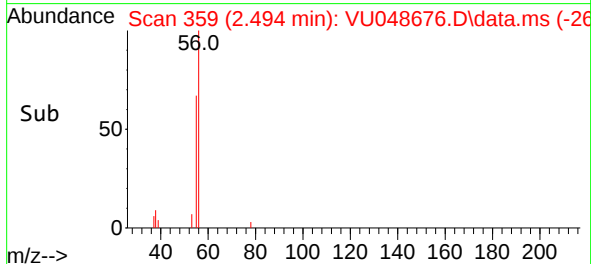
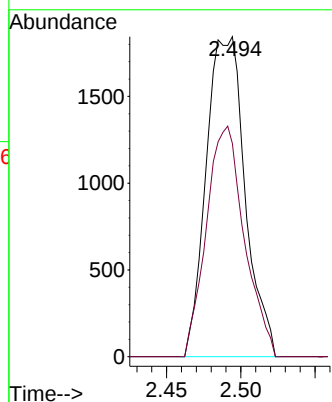
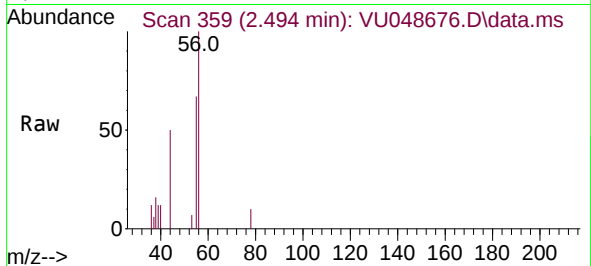




#13
Acrolein
Concen: 9.653 ug/l
RT: 2.494 min Scan# 359
Delta R.T. 0.006 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

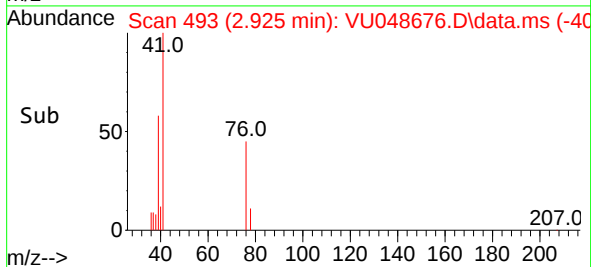
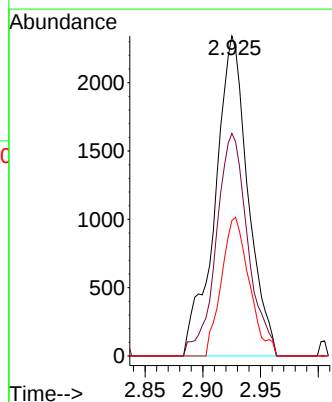
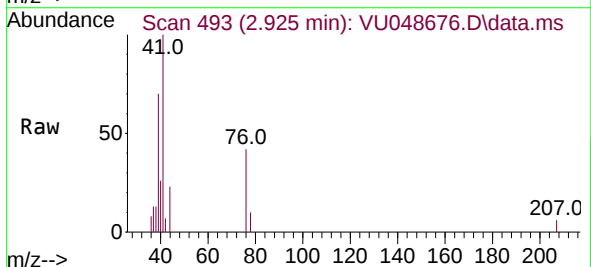
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

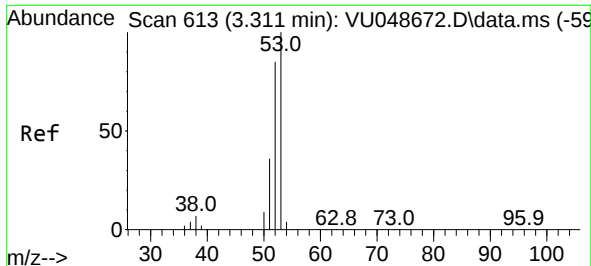
Tgt Ion: 56 Resp: 3358
Ion Ratio Lower Upper
56 100
55 70.4 57.7 86.5



#14
Allyl chloride
Concen: 0.993 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 41 Resp: 4639
Ion Ratio Lower Upper
41 100
39 66.8 48.6 72.8
76 36.6 27.0 40.4

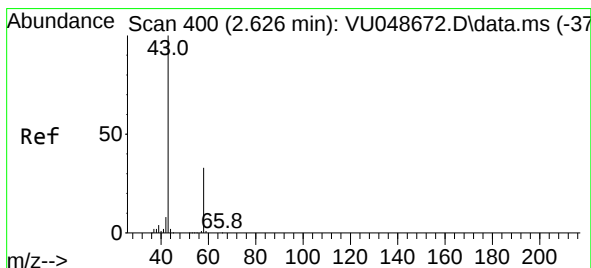
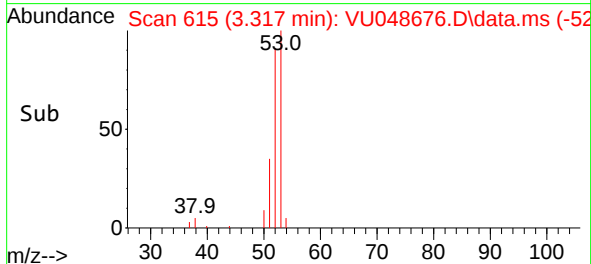
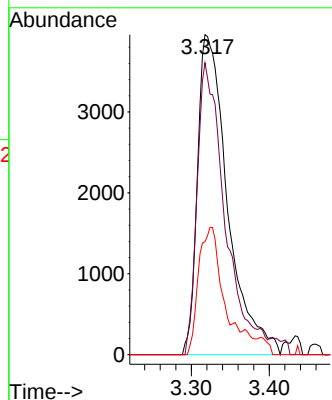
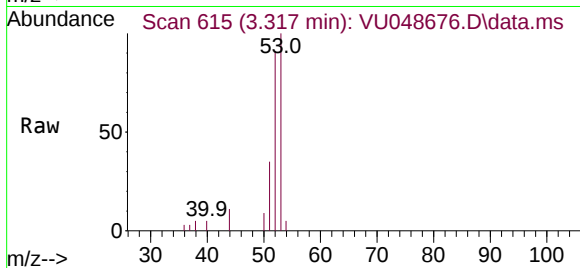




#15
Acrylonitrile
Concen: 5.419 ug/l
RT: 3.317 min Scan# 613
Delta R.T. 0.006 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

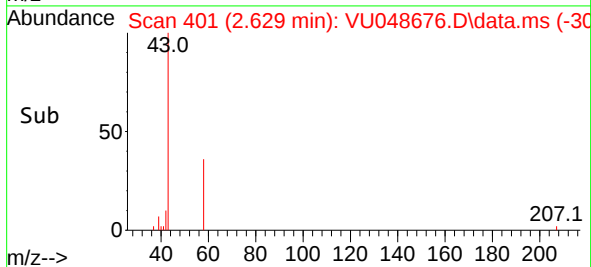
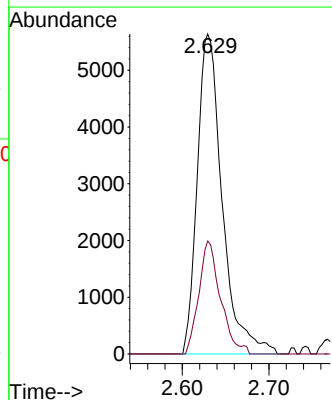
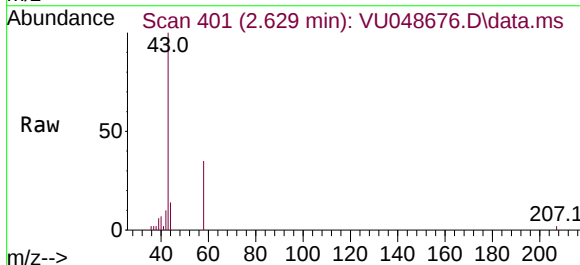
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

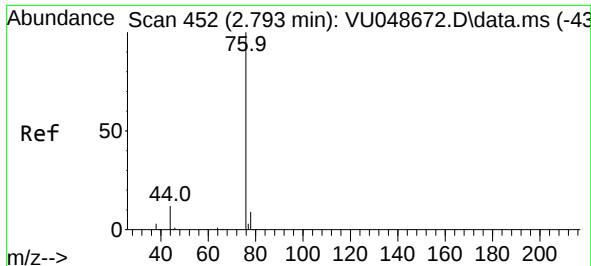
Tgt Ion: 53	Resp: 10605
Ion Ratio	Lower Upper
53 100	
52 84.4	66.3 99.5
51 34.5	28.6 42.8



#16
Acetone
Concen: 6.218 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 43	Resp: 11277
Ion Ratio	Lower Upper
43 100	
58 35.3	26.3 39.5





#17

Carbon Disulfide

Concen: 1.594 ug/l

RT: 2.793 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

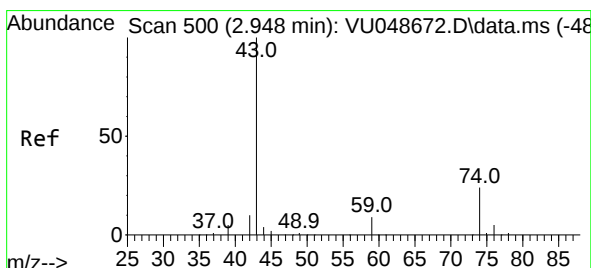
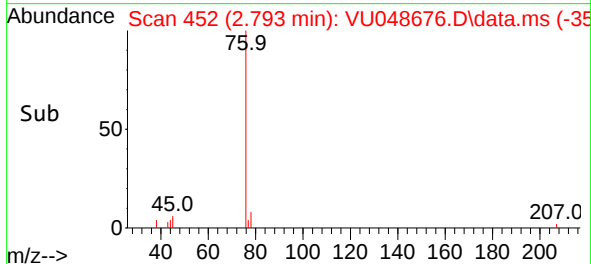
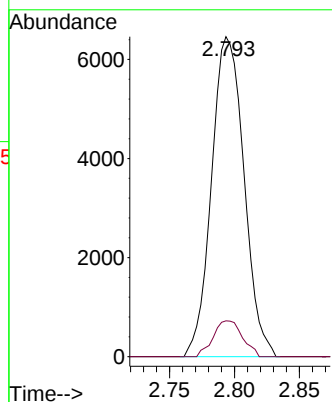
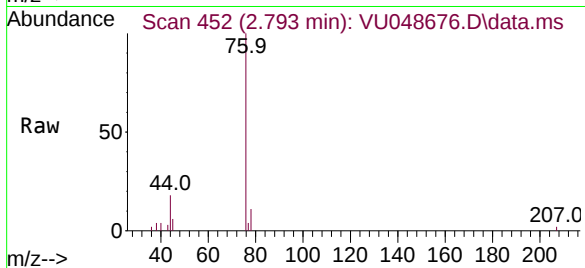
VSTDICC001

Tgt Ion: 76 Resp: 11223

Ion Ratio Lower Upper

76 100

78 11.2 7.3 10.9#



#18

Methyl Acetate

Concen: 1.131 ug/l

RT: 2.957 min Scan# 503

Delta R.T. 0.010 min

Lab File: VU048676.D

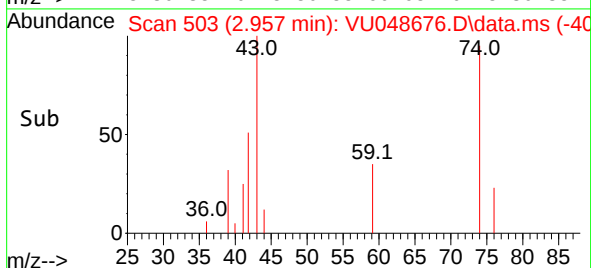
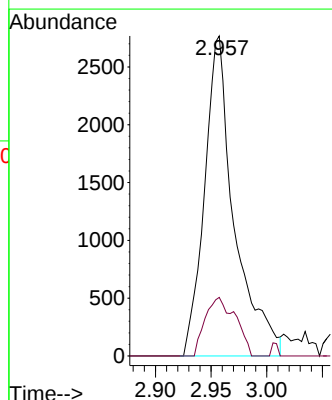
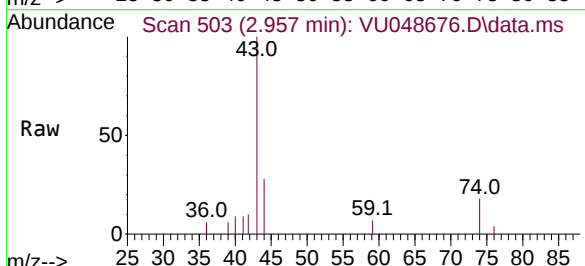
Acq: 26 May 2022 12:57

Tgt Ion: 43 Resp: 5152

Ion Ratio Lower Upper

43 100

74 18.6 19.2 28.8#





#19

Methyl tert-butyl Ether

Concen: 0.935 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

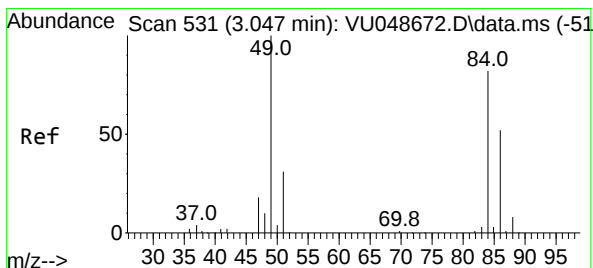
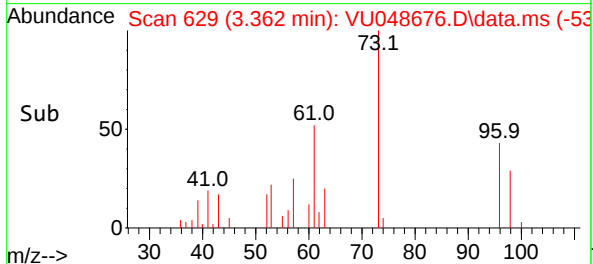
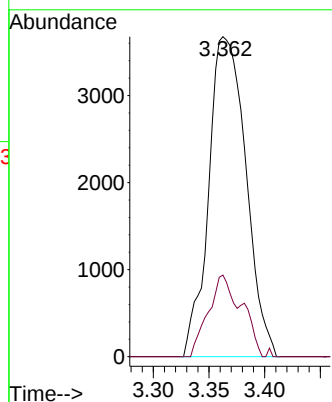
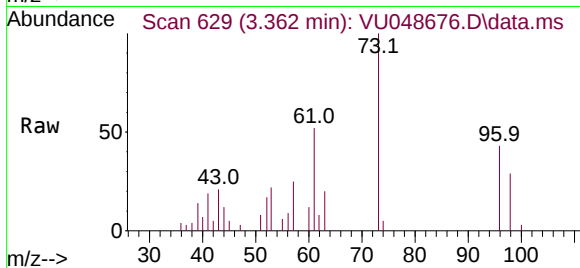
VSTDIC001

Tgt Ion: 73 Resp: 8553

Ion Ratio Lower Upper

73 100

57 25.5 17.1 25.7



#20

Methylene Chloride

Concen: 1.438 ug/l

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Tgt Ion: 84 Resp: 4436

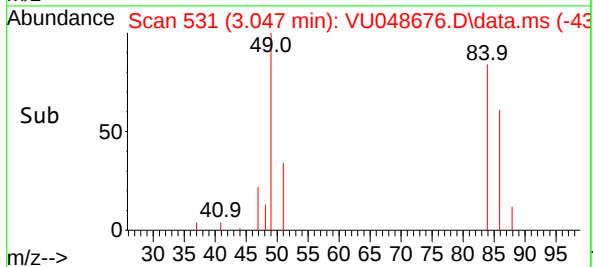
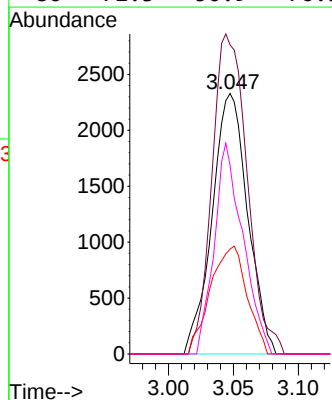
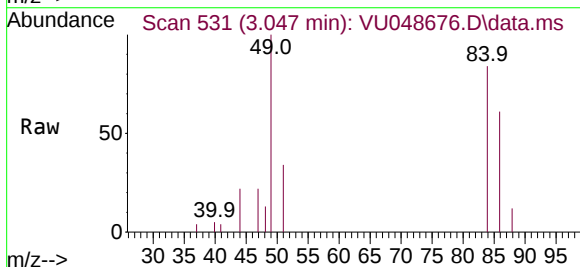
Ion Ratio Lower Upper

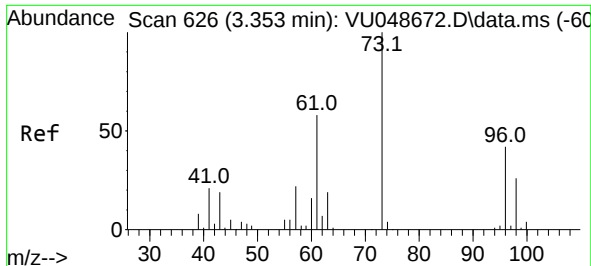
84 100

49 118.6 97.0 145.4

51 40.3 29.8 44.8

86 72.3 50.9 76.3

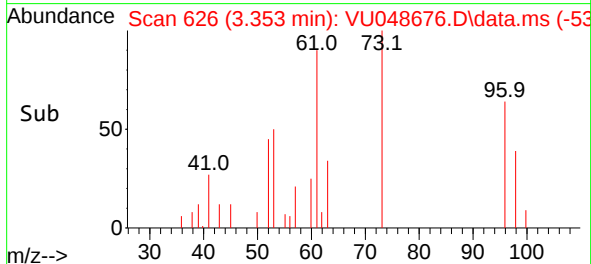
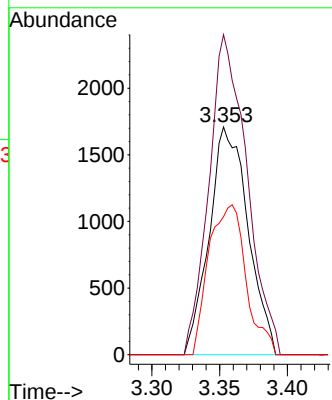
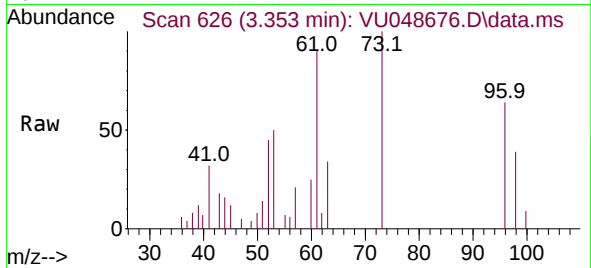




#21
trans-1,2-Dichloroethene
Concen: 1.232 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

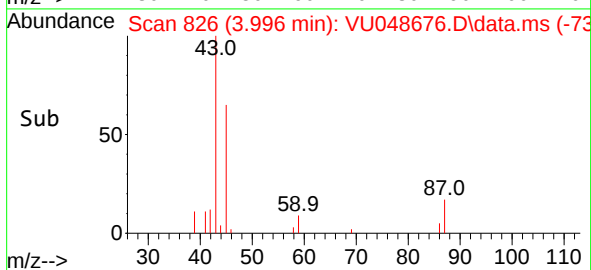
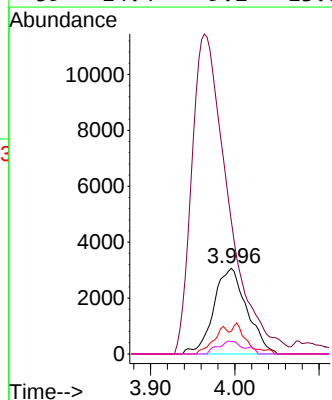
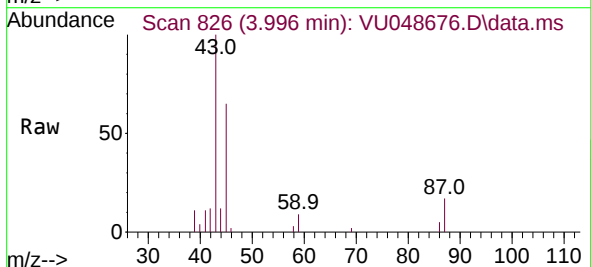
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

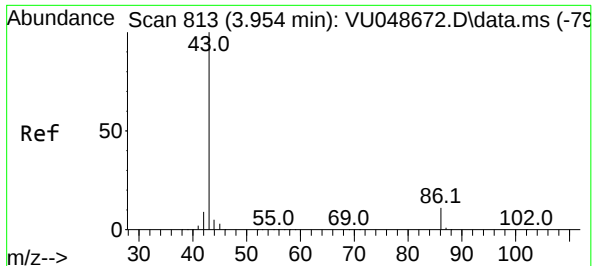
Tgt Ion: 96 Resp: 3400
Ion Ratio Lower Upper
96 100
61 140.6 109.4 164.2
98 60.7 48.9 73.3



#22
Diisopropyl ether
Concen: 0.970 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 45 Resp: 8355
Ion Ratio Lower Upper
45 100
43 138.7 65.2 97.8#
87 26.5 22.7 34.1
59 14.4 9.2 13.8#

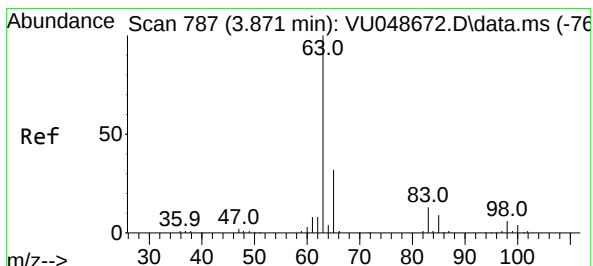
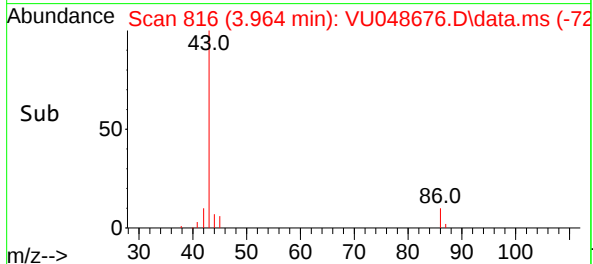
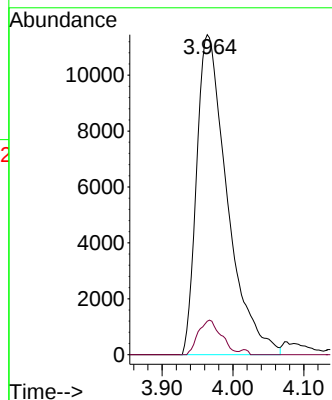
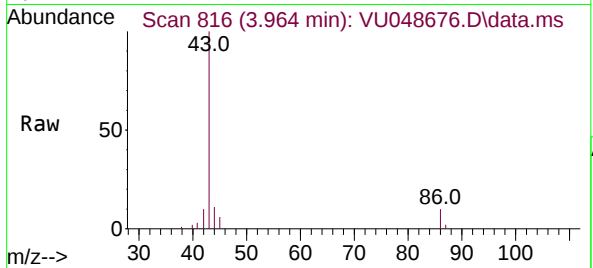




#23
 Vinyl Acetate
 Concen: 4.594 ug/l
 RT: 3.964 min Scan# 813
 Delta R.T. 0.010 min
 Lab File: VU048676.D
 Acq: 26 May 2022 12:57

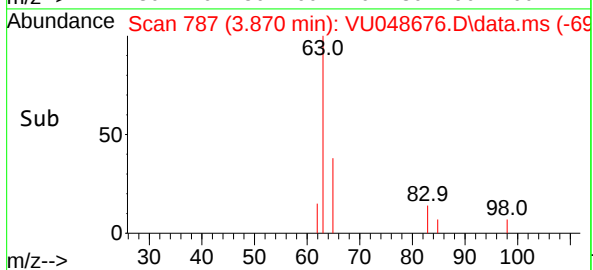
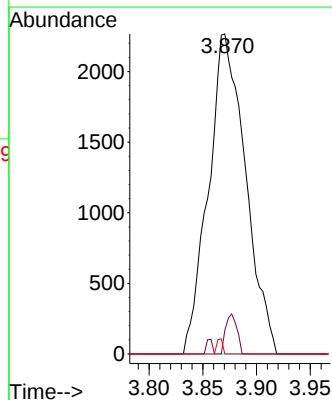
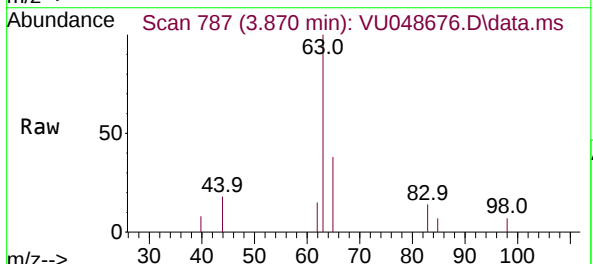
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

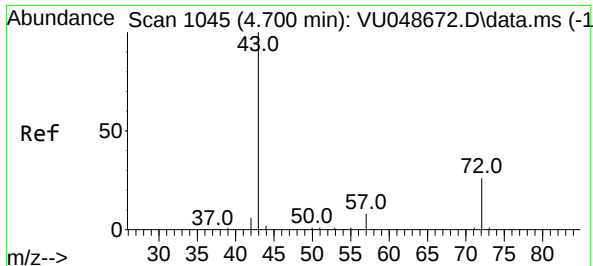
Tgt Ion: 43 Resp: 34302
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 1.001 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU048676.D
 Acq: 26 May 2022 12:57

Tgt Ion: 63 Resp: 5418
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.3
 100 0.0 2.0 5.8#

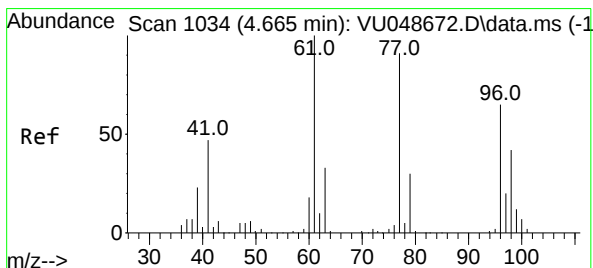
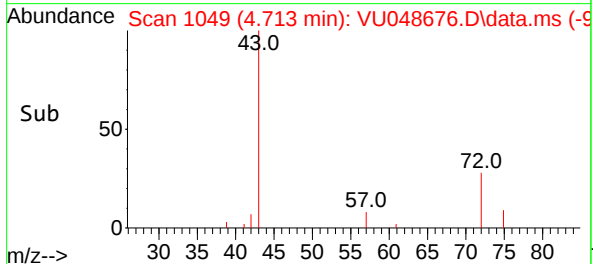
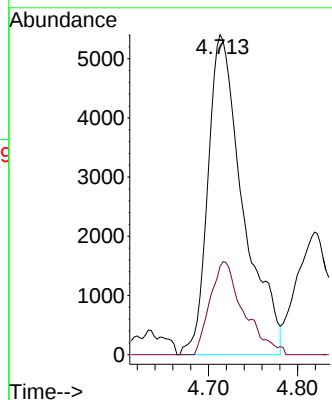
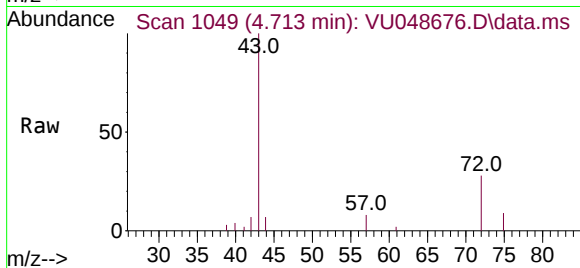




#25
2-Butanone
Concen: 5.671 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

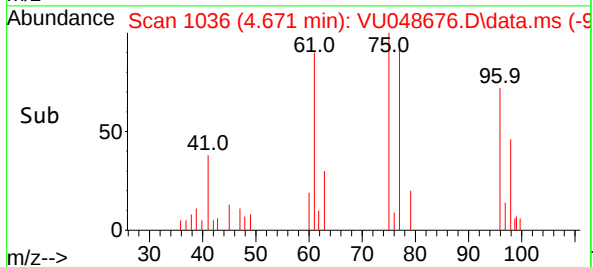
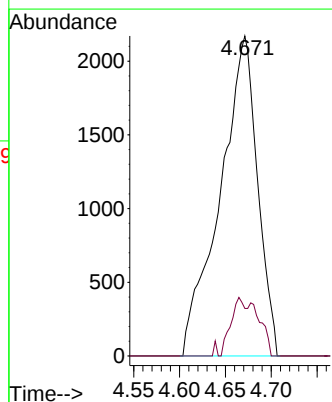
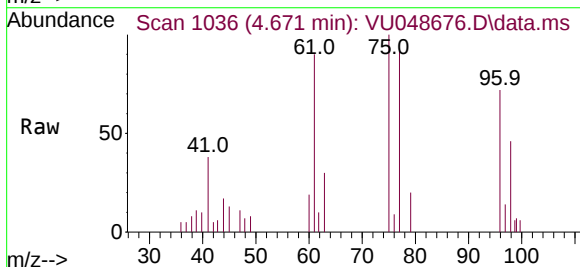
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

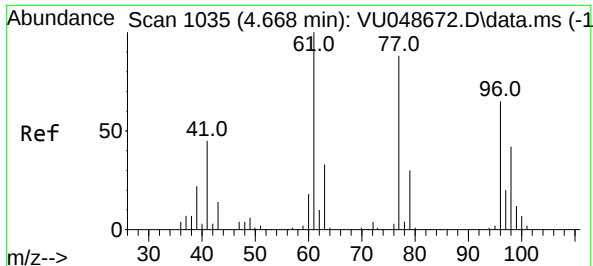
Tgt Ion: 43 Resp: 14775
Ion Ratio Lower Upper
43 100
72 27.5 21.1 31.7



#26
2,2-Dichloropropane
Concen: 1.270 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 77 Resp: 6168
Ion Ratio Lower Upper
77 100
97 6.8 11.1 33.1#





#27

cis-1,2-Dichloroethene

Concen: 1.176 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

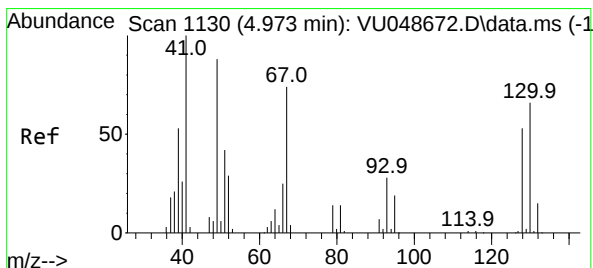
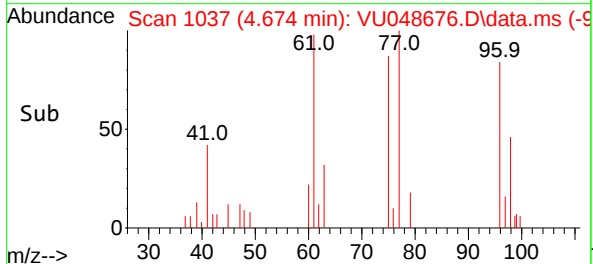
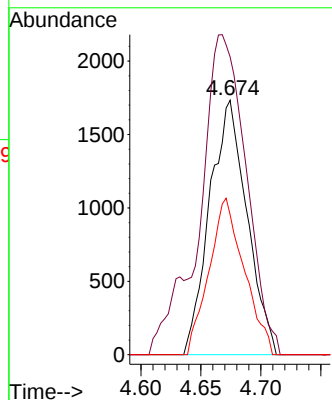
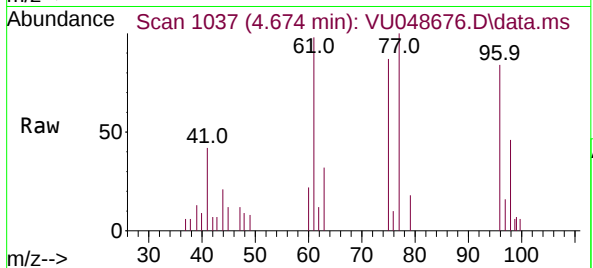
Tgt Ion: 96 Resp: 3757

Ion Ratio Lower Upper

96 100

61 139.5 0.0 306.2

98 57.8 0.0 130.4



#28

Bromochloromethane

Concen: 0.600 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

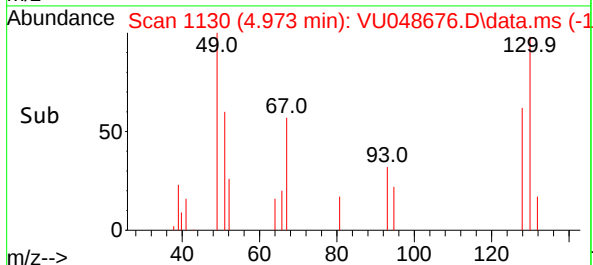
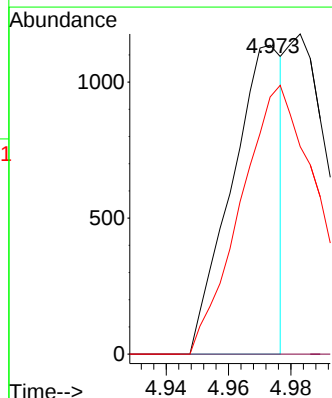
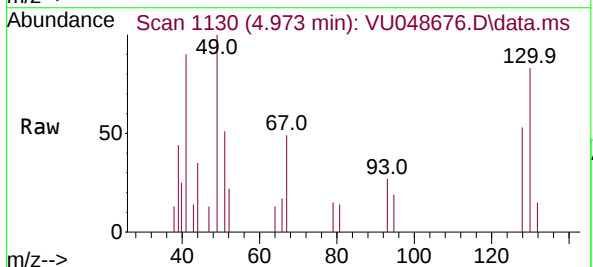
Tgt Ion: 49 Resp: 1273

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 144.9 62.1 93.1#

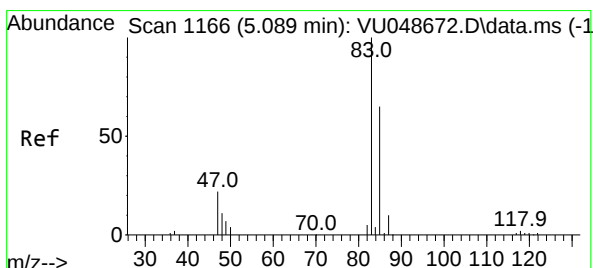
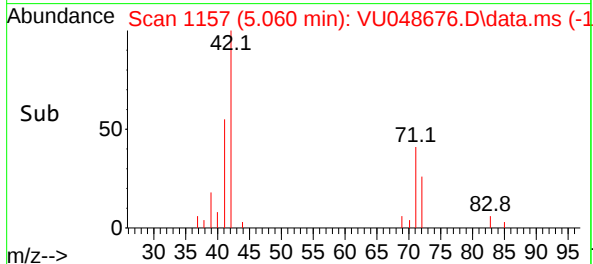
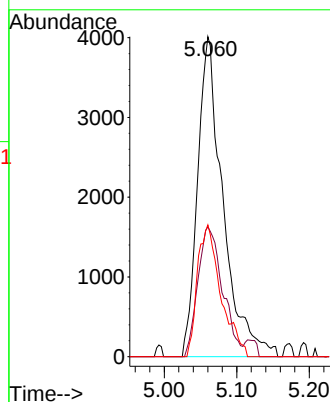
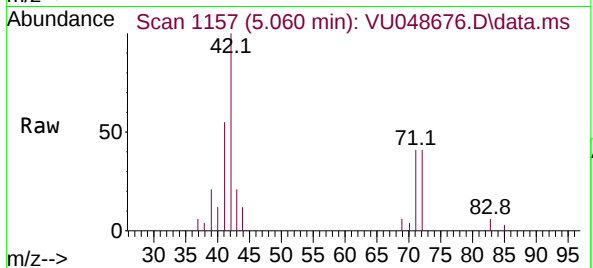




#29
Tetrahydrofuran
Concen: 5.849 ug/l
RT: 5.060 min Scan# 1154
Delta R.T. 0.010 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

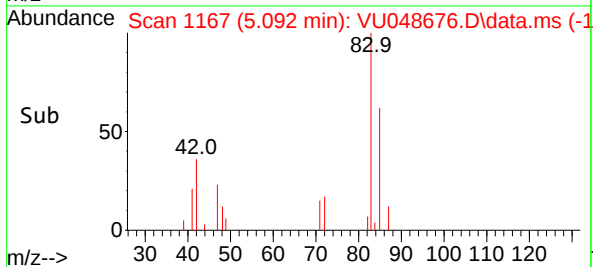
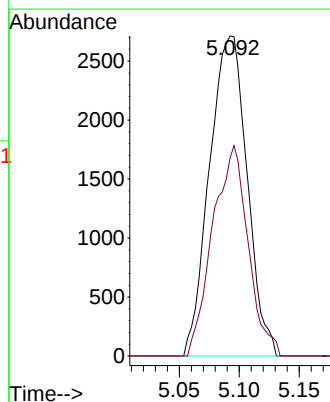
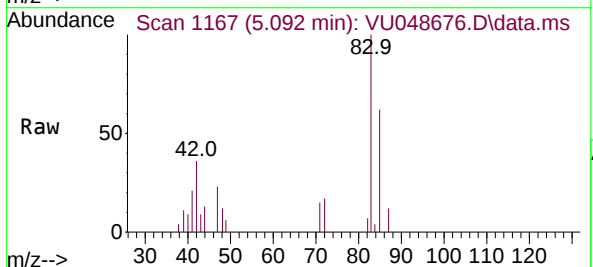
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

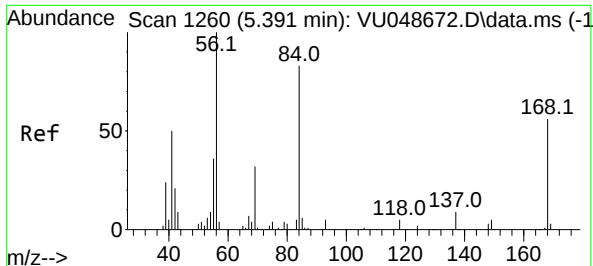
Tgt Ion: 42 Resp: 9755
Ion Ratio Lower Upper
42 100
72 39.6 37.6 56.4
71 38.0 35.0 52.4



#30
Chloroform
Concen: 1.095 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 83 Resp: 5928
Ion Ratio Lower Upper
83 100
85 61.9 52.2 78.2

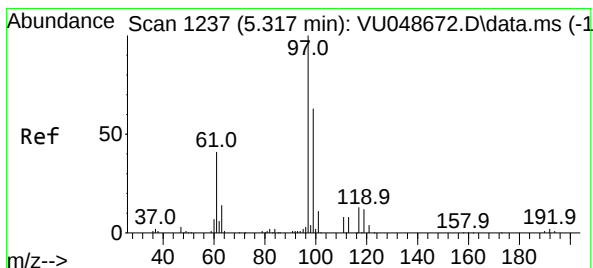
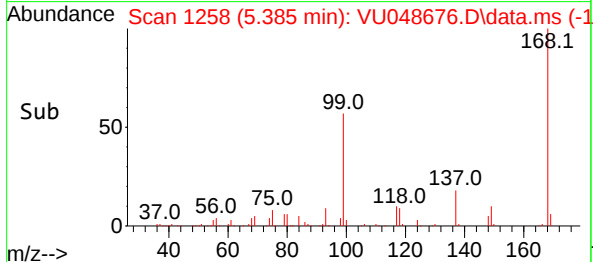
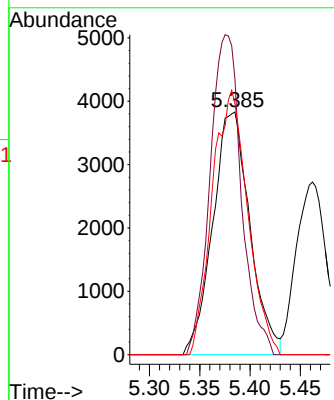
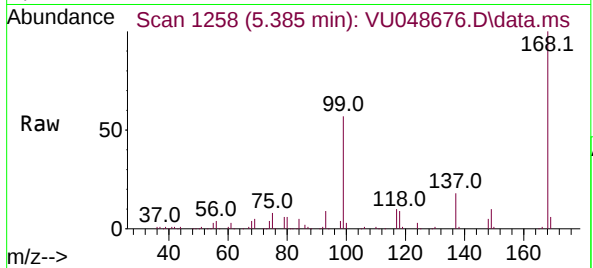




#31
Cyclohexane
Concen: 2.191 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

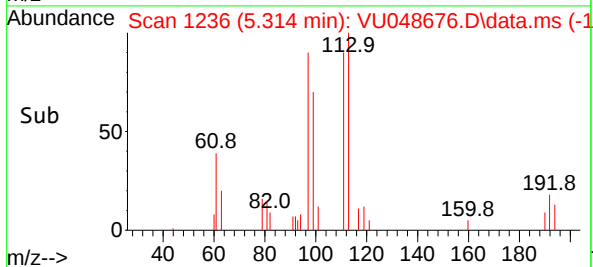
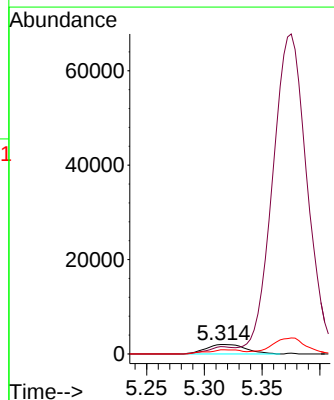
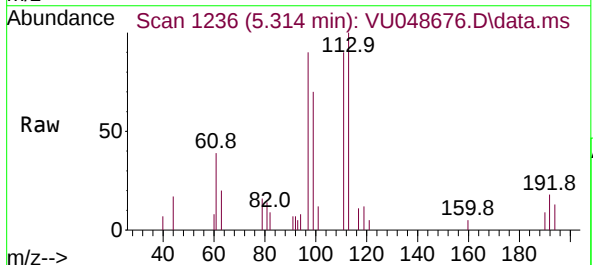
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

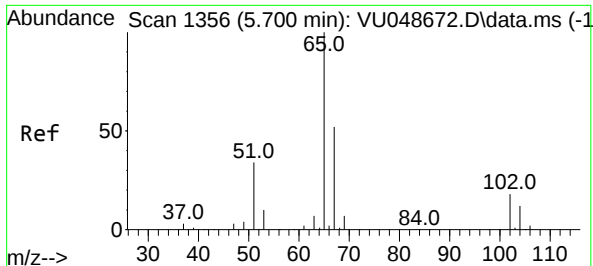
Tgt Ion: 56 Resp: 9825
Ion Ratio Lower Upper
56 100
69 113.7 25.6 38.4#
84 103.5 66.2 99.4#



#32
1,1,1-Trichloroethane
Concen: 0.984 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 97 Resp: 4833
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 37.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 4.410 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

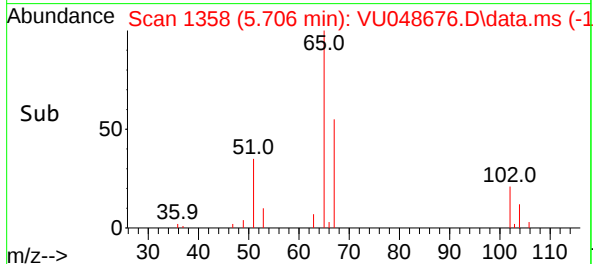
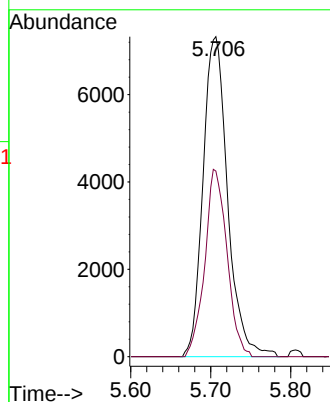
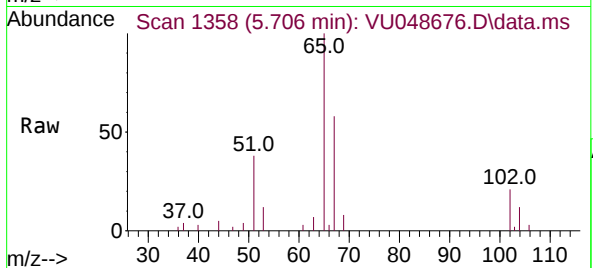
VSTDIC001

Tgt Ion: 65 Resp: 15694

Ion Ratio Lower Upper

65 100

67 52.7 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: VU048676.D

Acq: 26 May 2022 12:57

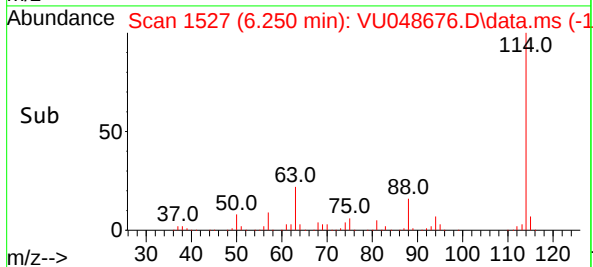
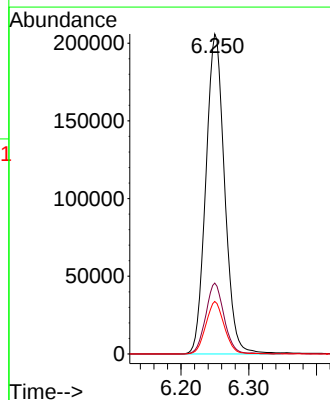
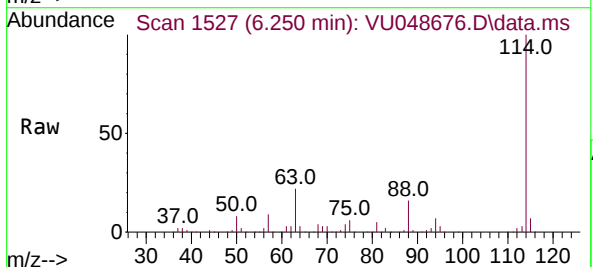
Tgt Ion: 114 Resp: 395675

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.6

88 16.4 0.0 32.2

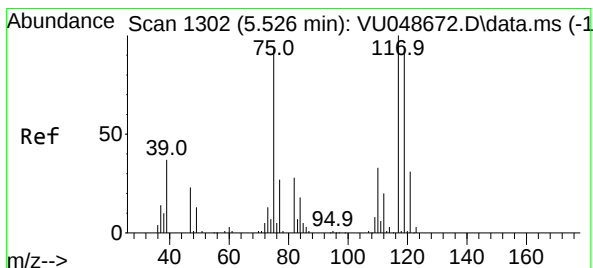
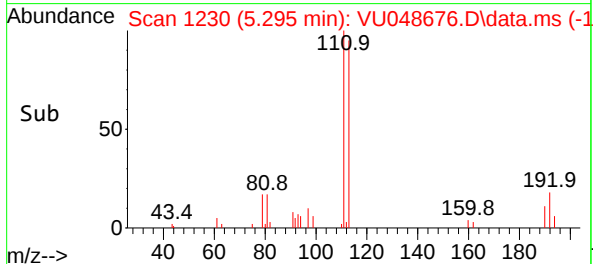
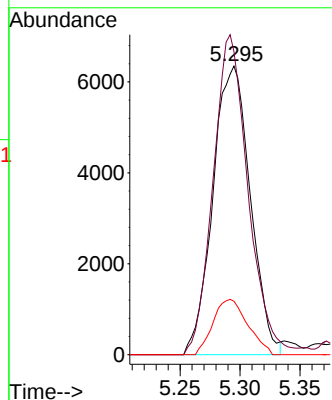
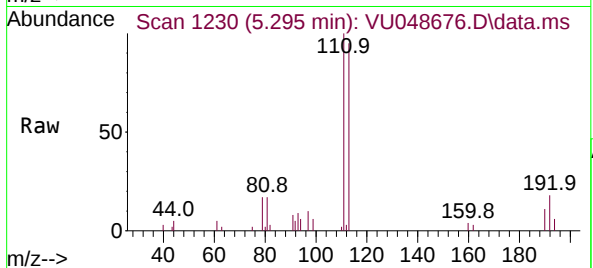




#35
Dibromofluoromethane
Concen: 4.879 ug/l
RT: 5.295 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

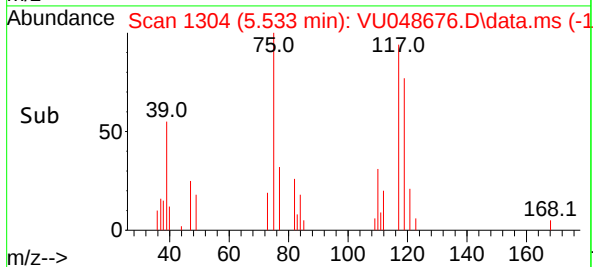
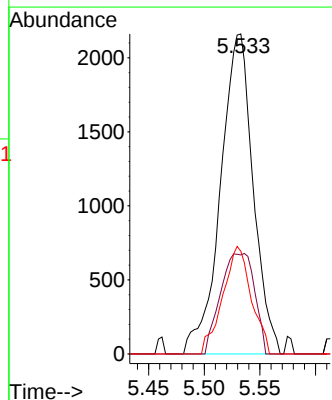
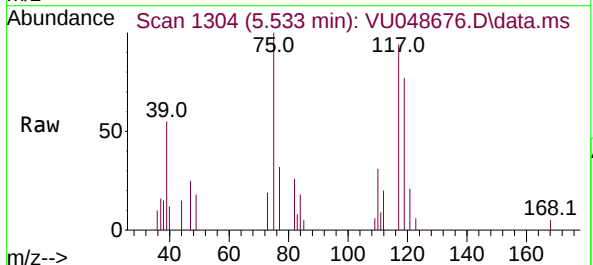
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

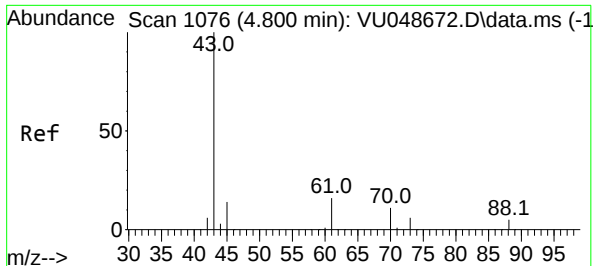
Tgt Ion:113 Resp: 13774
Ion Ratio Lower Upper
113 100
111 103.5 80.7 121.1
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 1.069 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 75 Resp: 4405
Ion Ratio Lower Upper
75 100
110 32.6 17.4 52.3
77 29.4 24.8 37.2





#37

Ethyl Acetate

Concen: 0.754 ug/l

RT: 4.819 min Scan# 1082

Delta R.T. 0.019 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

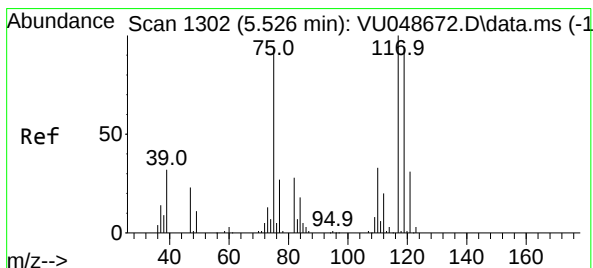
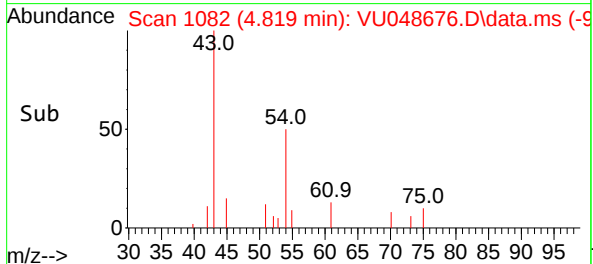
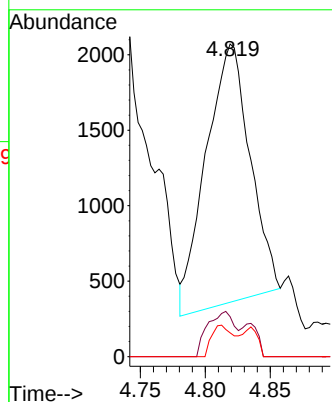
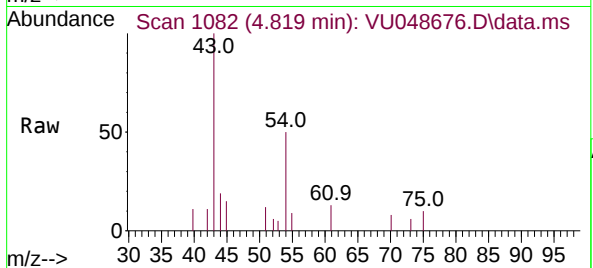
Tgt Ion: 43 Resp: 4050

Ion Ratio Lower Upper

43 100

61 10.8 11.7 17.5#

70 5.5 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 0.993 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

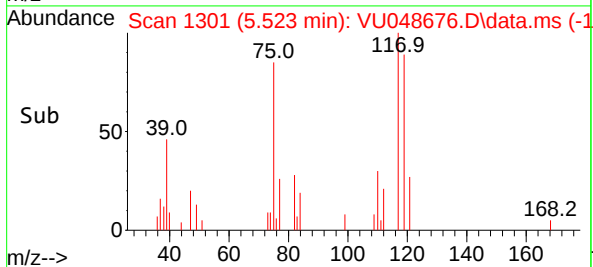
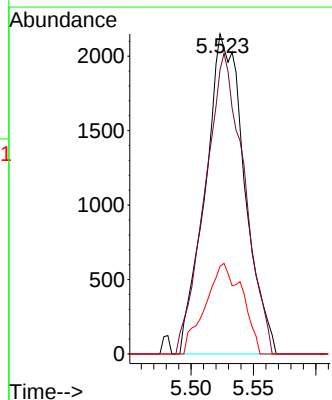
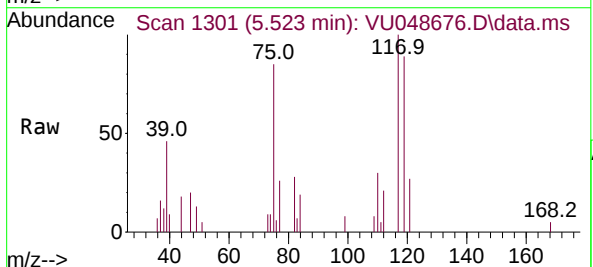
Tgt Ion: 117 Resp: 4692

Ion Ratio Lower Upper

117 100

119 88.9 75.4 113.2

121 27.4 24.6 36.8





#39

Methylcyclohexane

Concen: 0.966 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

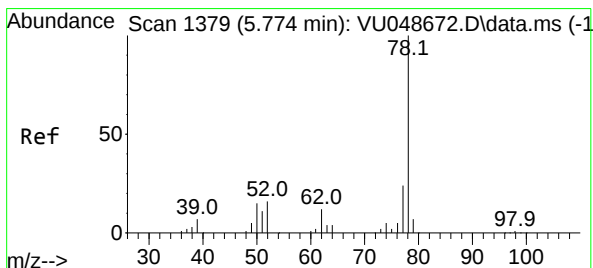
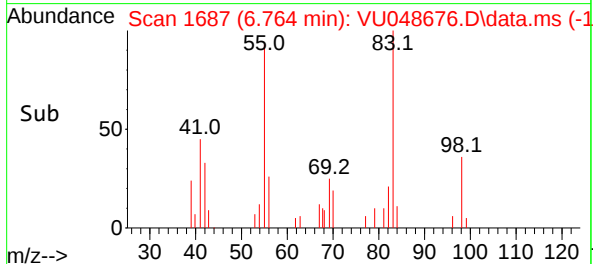
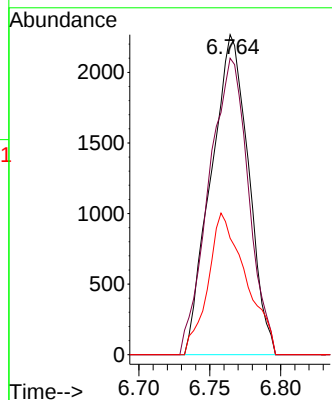
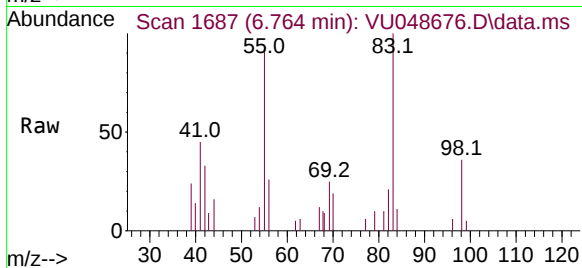
Tgt Ion: 83 Resp: 4171

Ion Ratio Lower Upper

83 100

55 92.6 61.0 91.6#

98 36.4 36.8 55.2#



#40

Benzene

Concen: 1.044 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.003 min

Lab File: VU048676.D

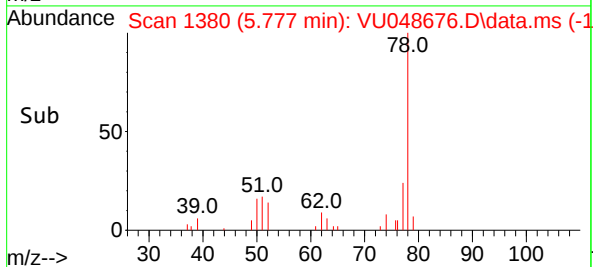
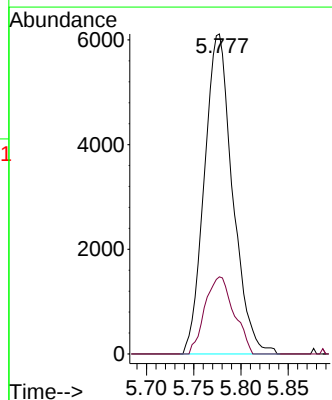
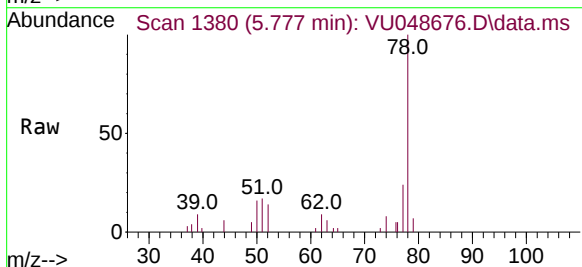
Acq: 26 May 2022 12:57

Tgt Ion: 78 Resp: 12698

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6



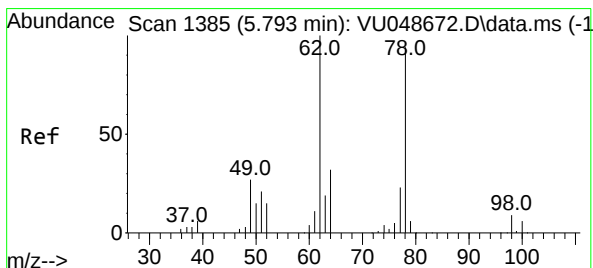
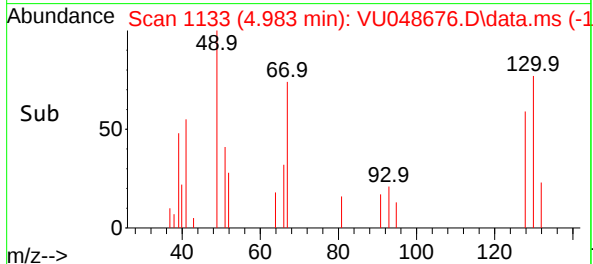
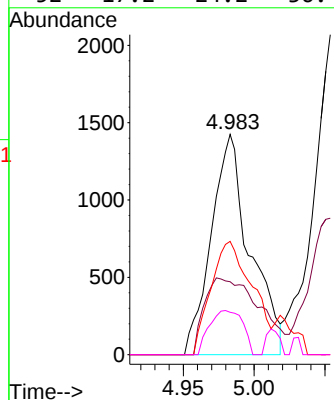
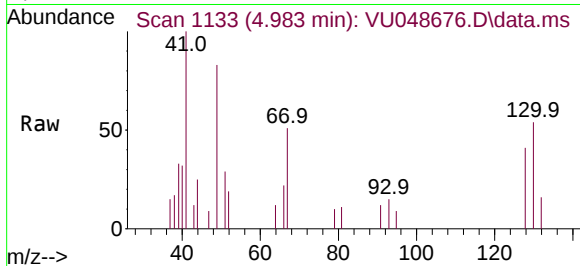


#41
Methacrylonitrile
Concen: 1.031 ug/l
RT: 4.983 min Scan# 1129
Delta R.T. 0.013 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 41 Resp: 2714

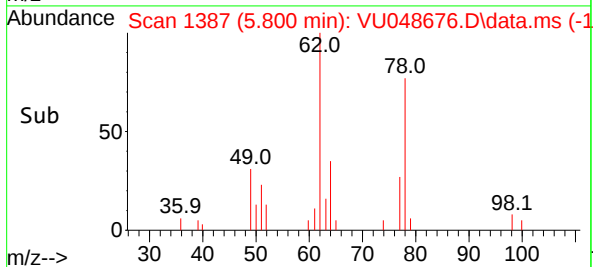
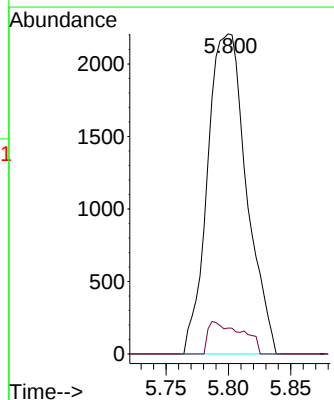
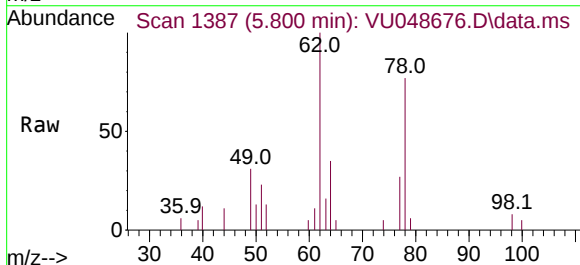
Ion	Ratio	Lower	Upper
41	100		
39	49.5	42.6	64.0
67	54.9	61.0	91.4#
52	17.2	24.2	36.4#

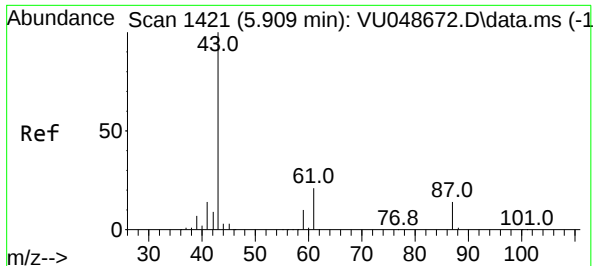


#42
1,2-Dichloroethane
Concen: 1.010 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 62 Resp: 4809

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0





#43

Isopropyl Acetate

Concen: 1.006 ug/l

RT: 5.915 min Scan# 1423

Delta R.T. 0.006 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

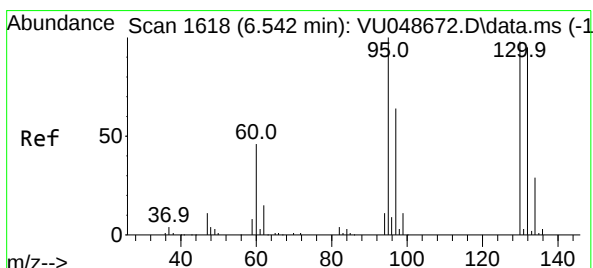
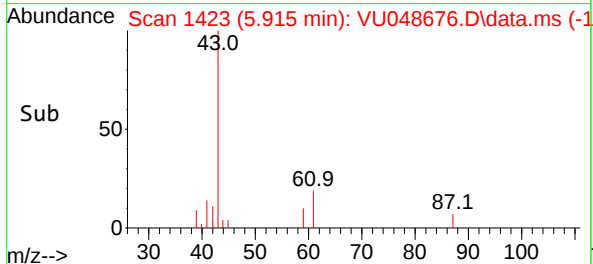
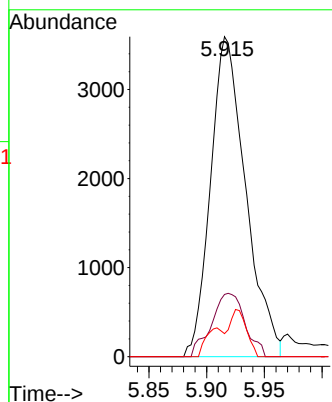
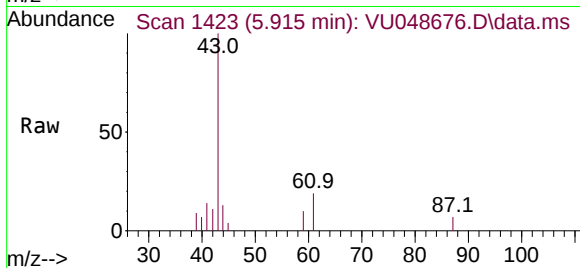
Tgt Ion: 43 Resp: 7602

Ion Ratio Lower Upper

43 100

61 18.9 16.7 25.1

87 7.1 10.9 16.3#



#44

Trichloroethene

Concen: 1.082 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU048676.D

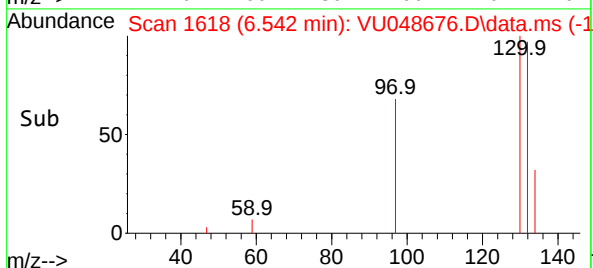
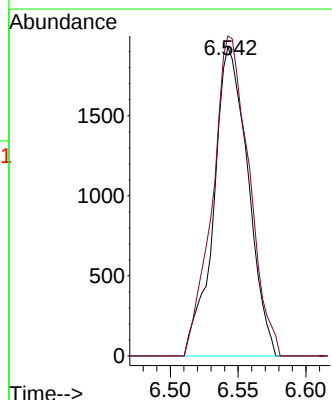
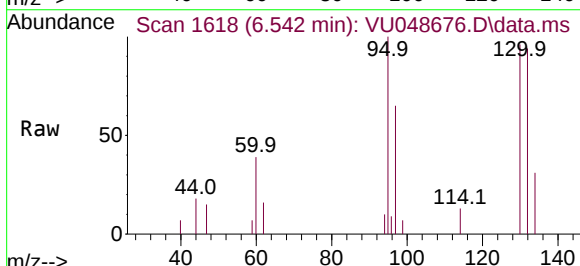
Acq: 26 May 2022 12:57

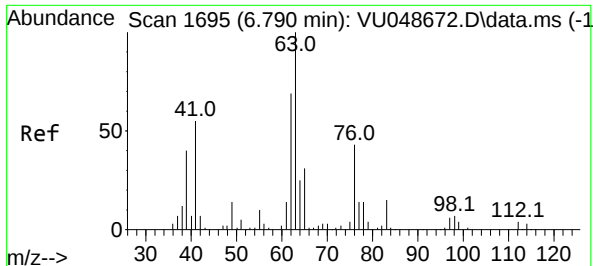
Tgt Ion:130 Resp: 3389

Ion Ratio Lower Upper

130 100

95 103.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 1.206 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

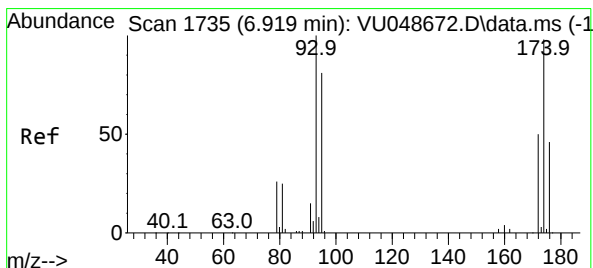
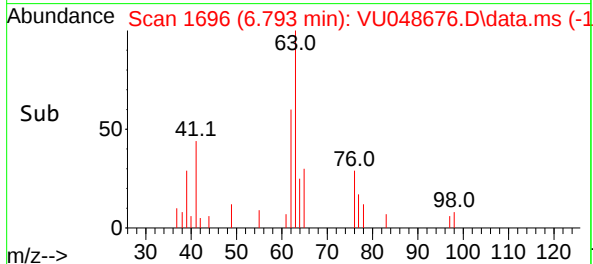
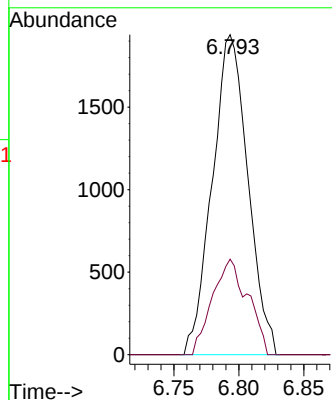
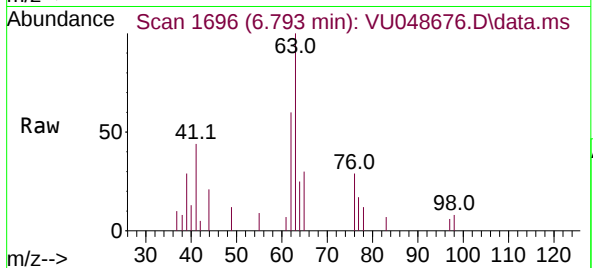
VSTDIC001

Tgt Ion: 63 Resp: 3693

Ion Ratio Lower Upper

63 100

65 29.9 24.8 37.2



#46

Dibromomethane

Concen: 1.050 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

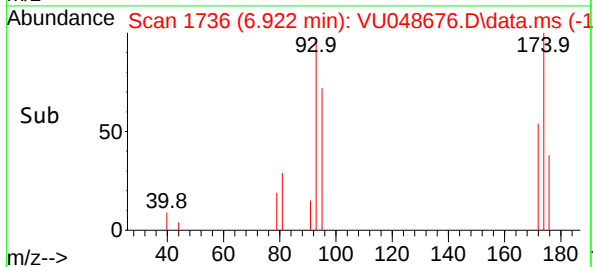
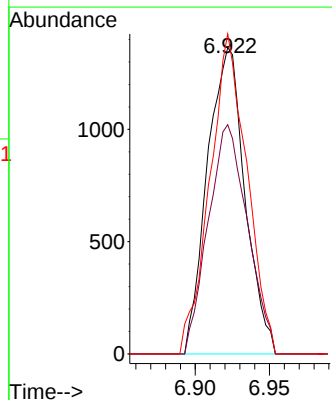
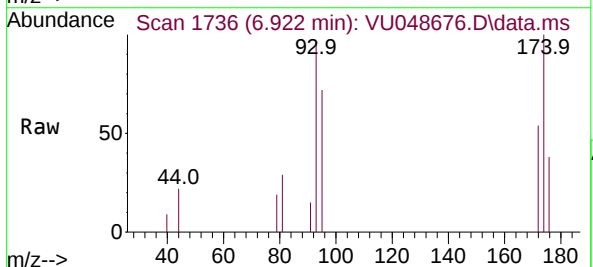
Tgt Ion: 93 Resp: 2401

Ion Ratio Lower Upper

93 100

95 78.2 65.1 97.7

174 103.0 77.8 116.6

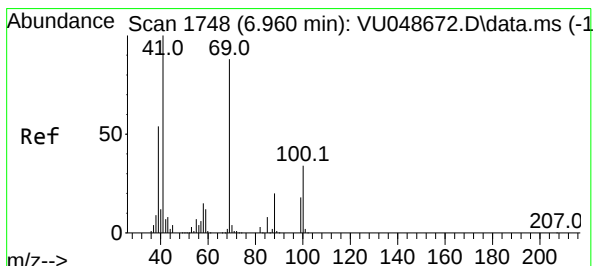
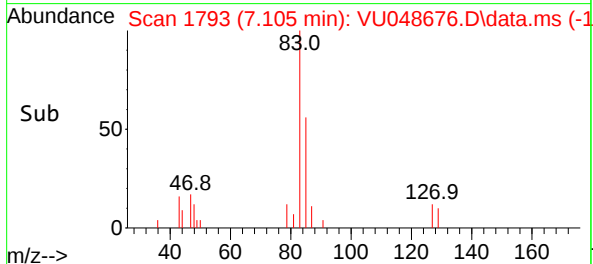
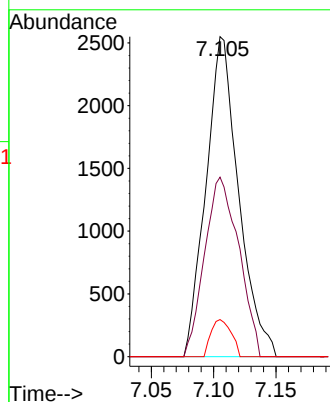
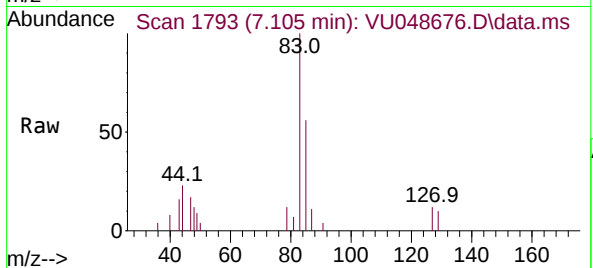




#47
Bromodichloromethane
Concen: 1.003 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

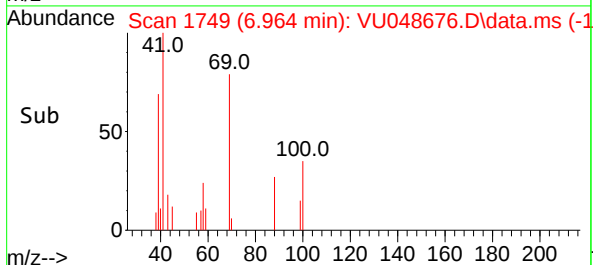
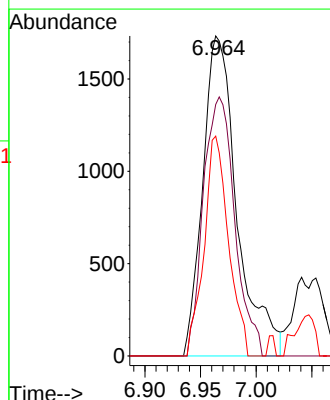
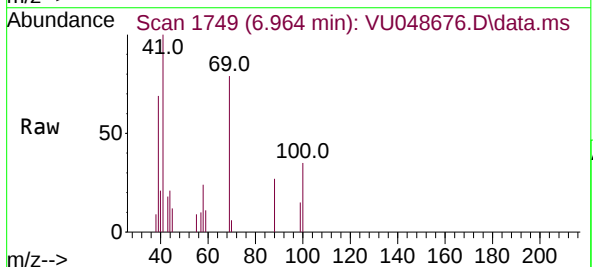
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 4642
Ion Ratio Lower Upper
83 100
85 56.1 52.1 78.1
127 11.6 6.9 10.3#



#48
Methyl methacrylate
Concen: 1.092 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 41 Resp: 3706
Ion Ratio Lower Upper
41 100
69 74.2 70.7 106.1
39 48.9 43.4 65.2





#49

1,4-Dioxane

Concen: 22.647 ug/l

RT: 6.973 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

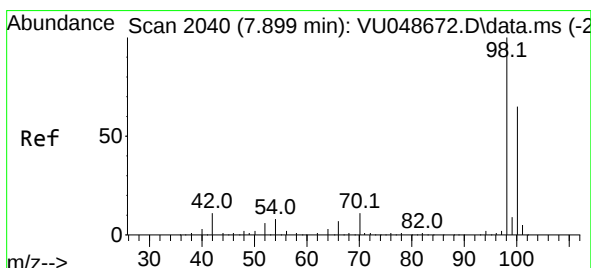
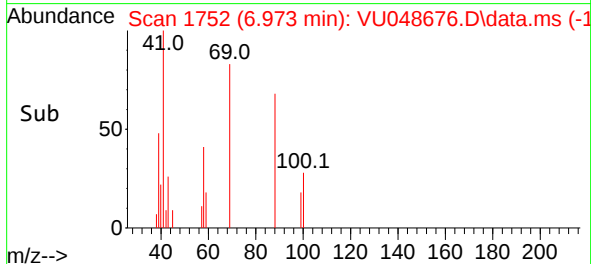
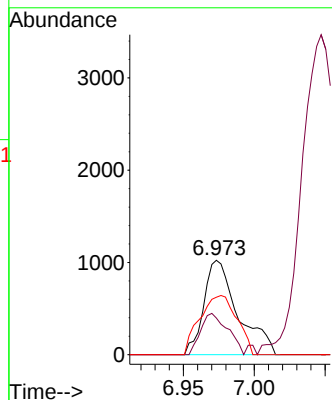
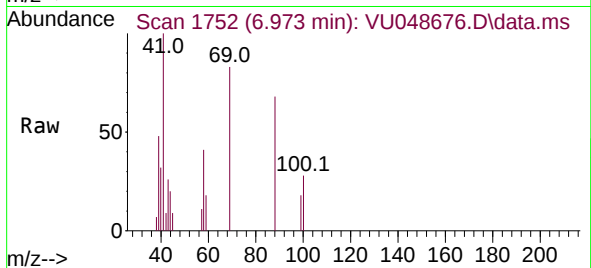
Tgt Ion: 88 Resp: 1718

Ion Ratio Lower Upper

88 100

43 34.6 24.6 36.8

58 68.0 54.7 82.1



#50

Toluene-d8

Concen: 4.822 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048676.D

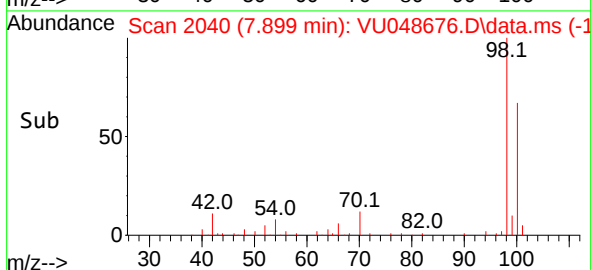
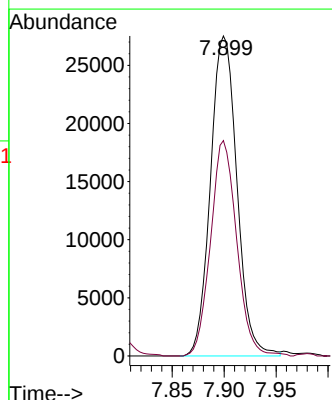
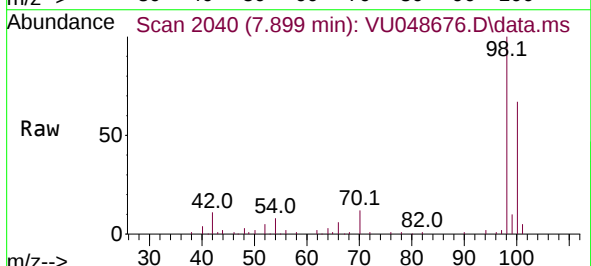
Acq: 26 May 2022 12:57

Tgt Ion: 98 Resp: 48790

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 5.571 ug/l

RT: 7.796 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

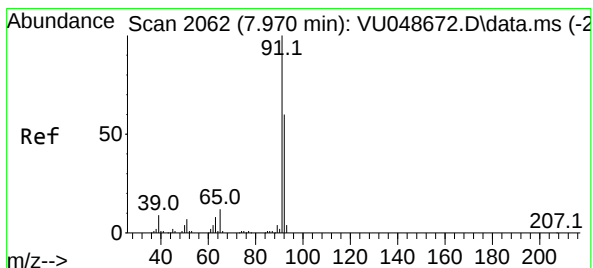
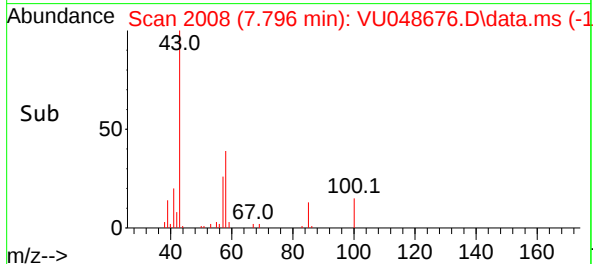
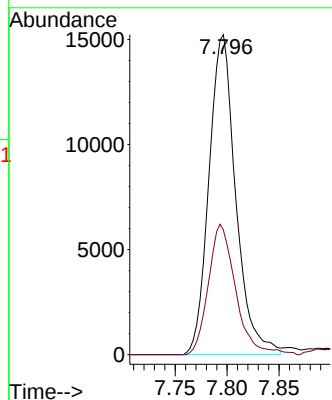
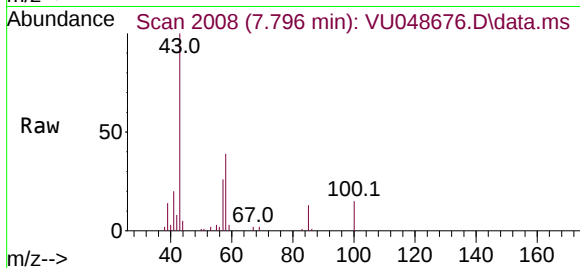
VSTDICC001

Tgt Ion: 43 Resp: 27347

Ion Ratio Lower Upper

43 100

58 41.4 32.7 49.1



#52

Toluene

Concen: 1.090 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048676.D

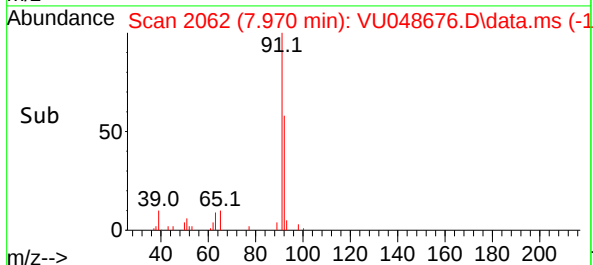
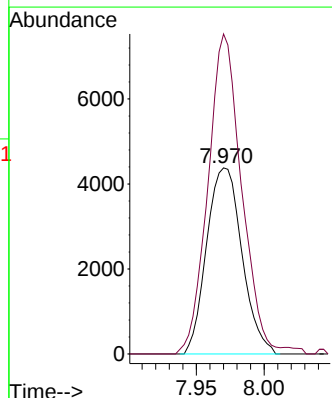
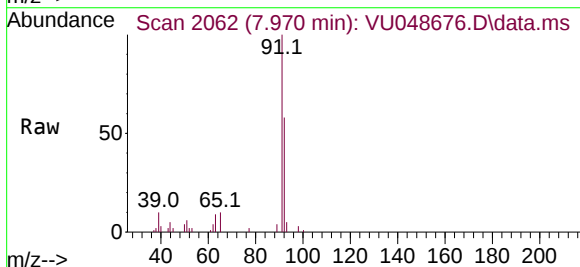
Acq: 26 May 2022 12:57

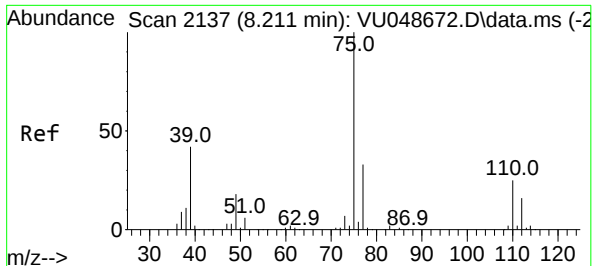
Tgt Ion: 92 Resp: 7932

Ion Ratio Lower Upper

92 100

91 164.7 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 1.003 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

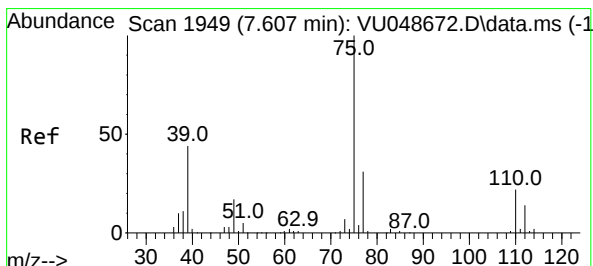
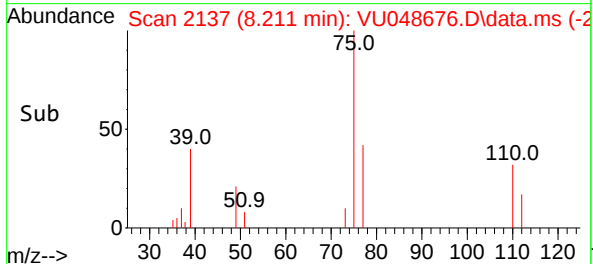
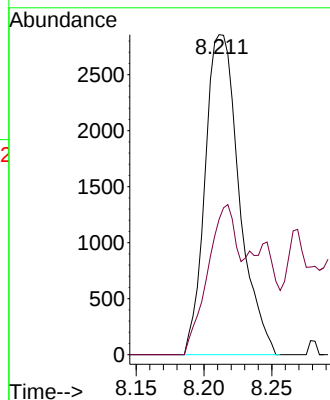
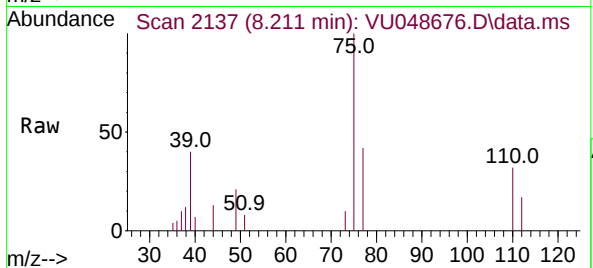
VSTDIC001

Tgt Ion: 75 Resp: 5007

Ion Ratio Lower Upper

75 100

77 42.3 26.2 39.4#



#54

cis-1,3-Dichloropropene

Concen: 0.994 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

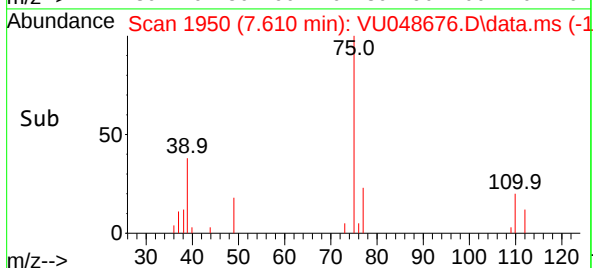
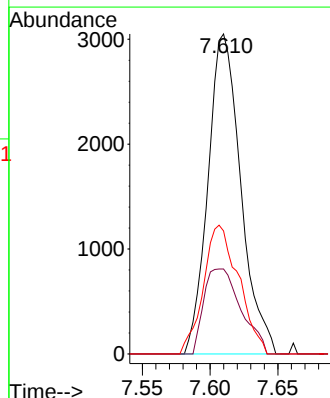
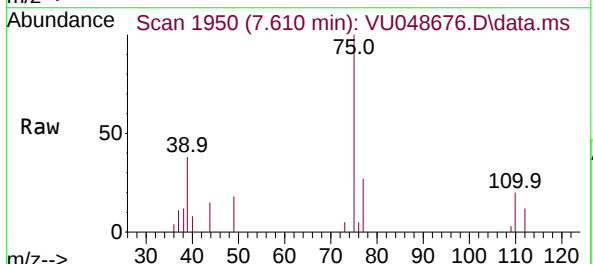
Tgt Ion: 75 Resp: 5141

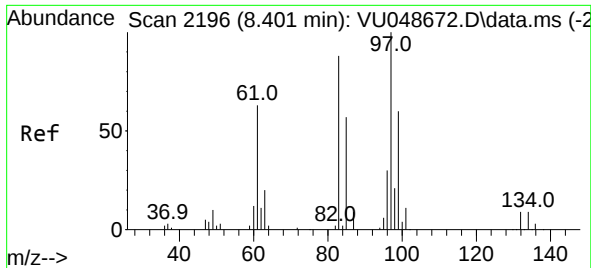
Ion Ratio Lower Upper

75 100

77 26.5 24.9 37.3

39 38.4 35.2 52.8

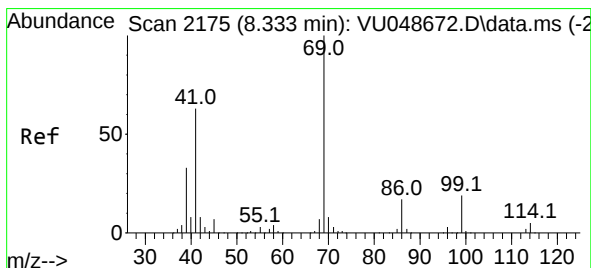
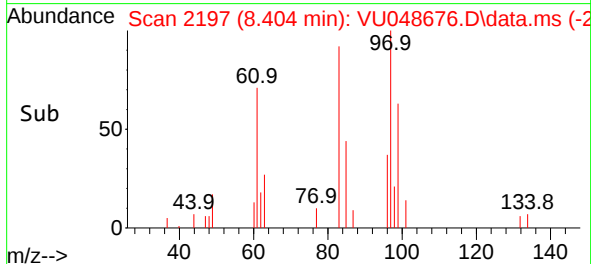
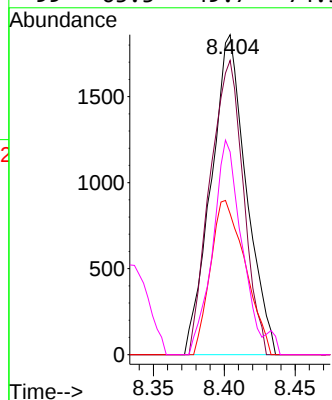
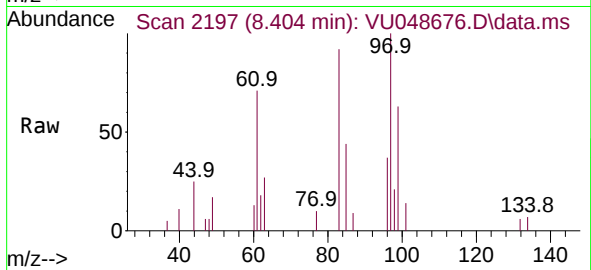




#55
1,1,2-Trichloroethane
Concen: 1.000 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

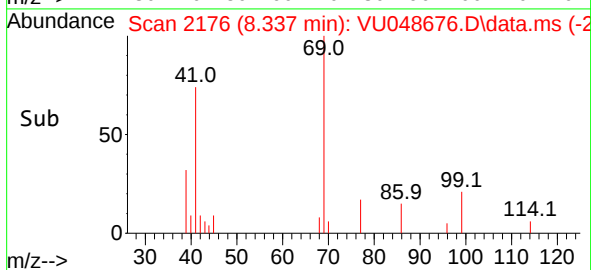
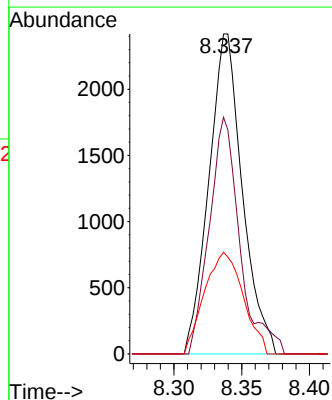
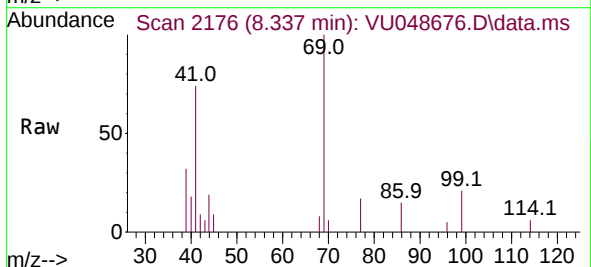
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

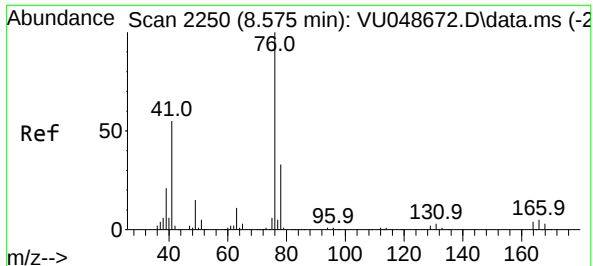
Tgt Ion: 97	Resp: 3211
Ion Ratio	Lower Upper
97 100	
83 91.9	70.2 105.4
85 44.0	45.6 68.4#
99 63.3	49.7 74.5



#56
Ethyl methacrylate
Concen: 0.927 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 69	Resp: 4153
Ion Ratio	Lower Upper
69 100	
41 67.4	50.6 76.0
39 36.7	26.6 40.0





#57

1,3-Dichloropropane

Concen: 1.062 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

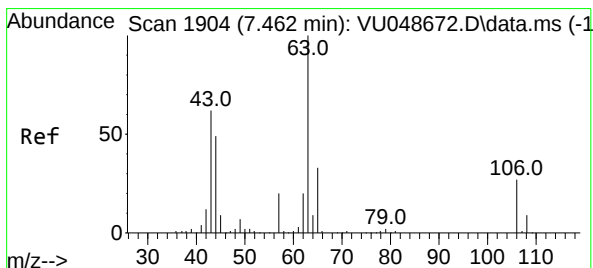
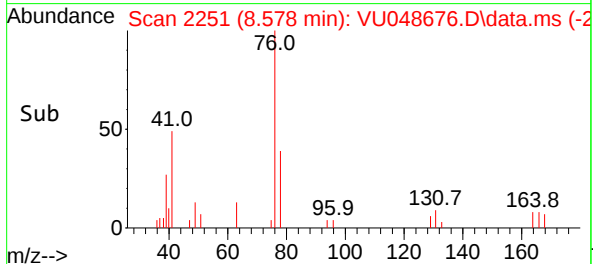
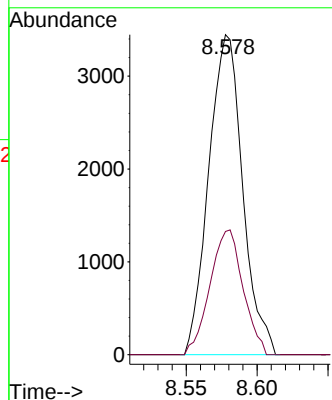
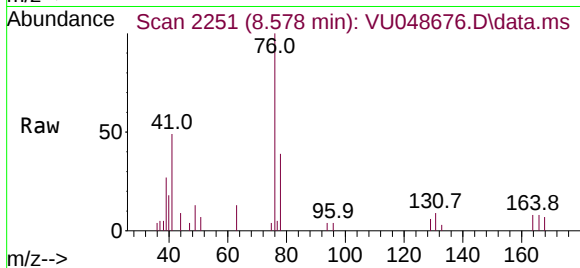
VSTDIC001

Tgt Ion: 76 Resp: 5738

Ion Ratio Lower Upper

76 100

78 38.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 3.074 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.003 min

Lab File: VU048676.D

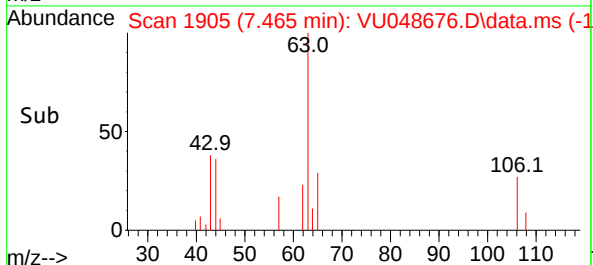
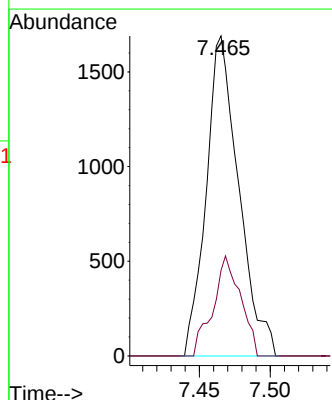
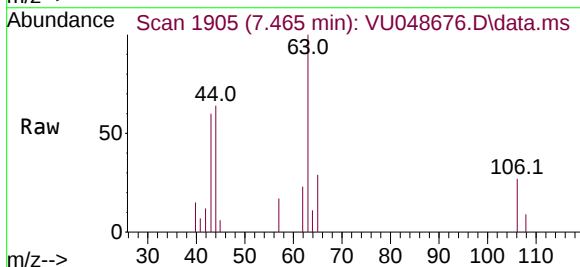
Acq: 26 May 2022 12:57

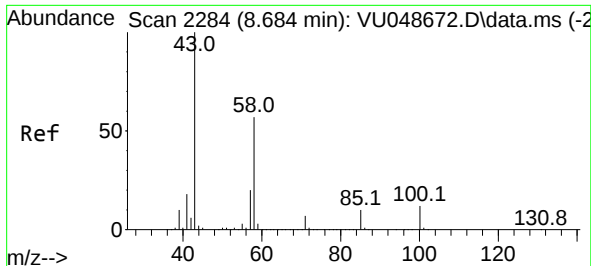
Tgt Ion: 63 Resp: 2696

Ion Ratio Lower Upper

63 100

106 26.5 22.2 33.2





#59

2-Hexanone

Concen: 5.885 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

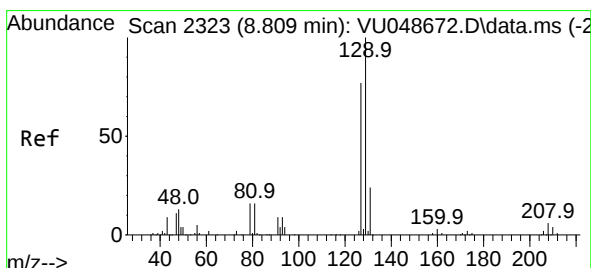
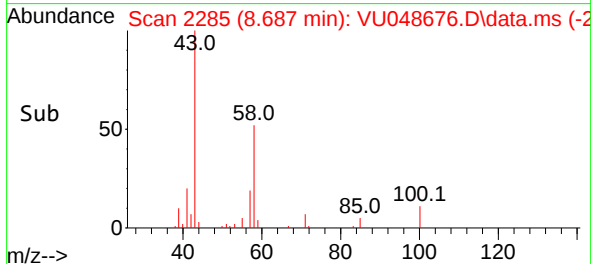
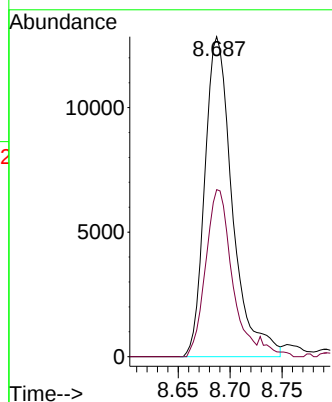
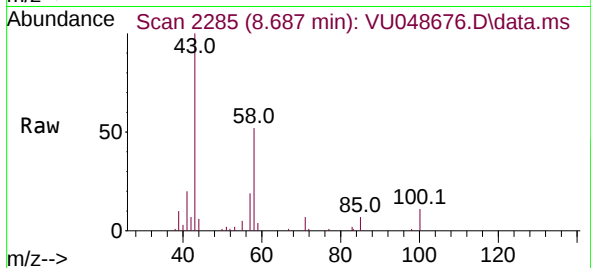
VSTDIC001

Tgt Ion: 43 Resp: 23715

Ion Ratio Lower Upper

43 100

58 49.3 28.2 84.6



#60

Dibromochloromethane

Concen: 0.922 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU048676.D

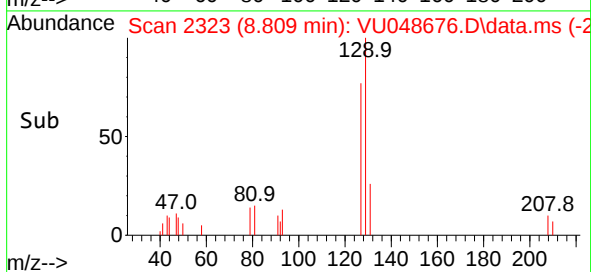
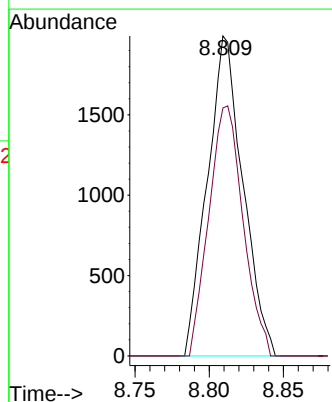
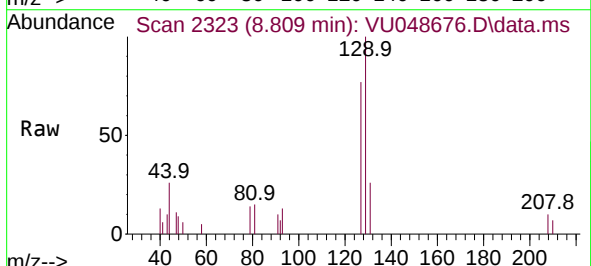
Acq: 26 May 2022 12:57

Tgt Ion: 129 Resp: 3318

Ion Ratio Lower Upper

129 100

127 75.2 38.5 115.3

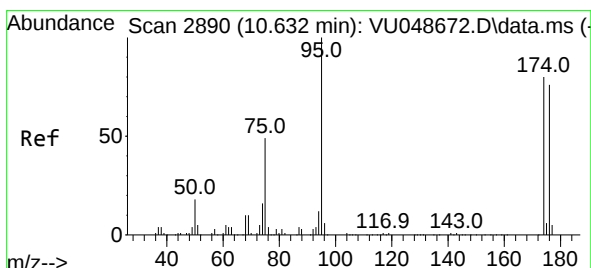
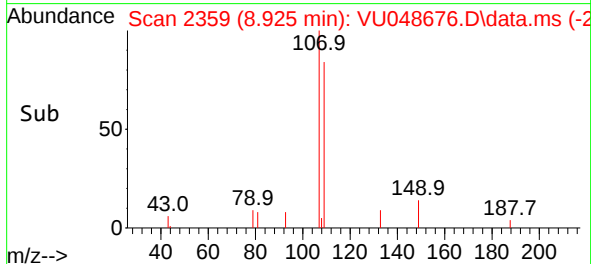
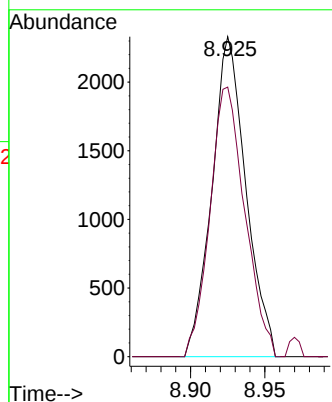
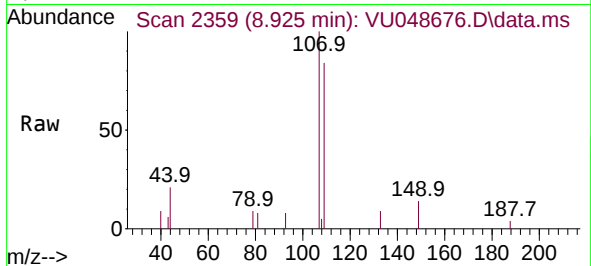




#61
1,2-Dibromoethane
Concen: 1.048 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

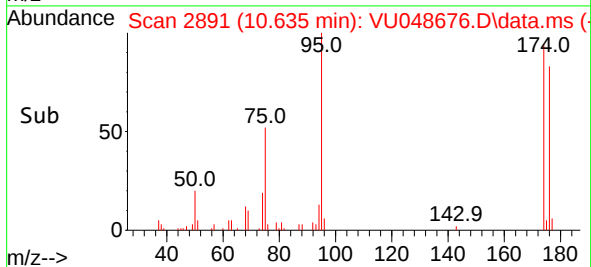
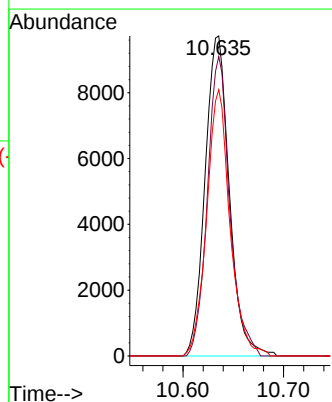
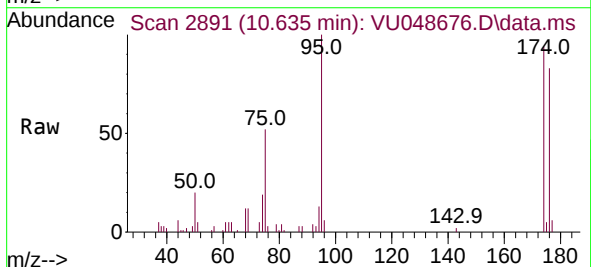
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

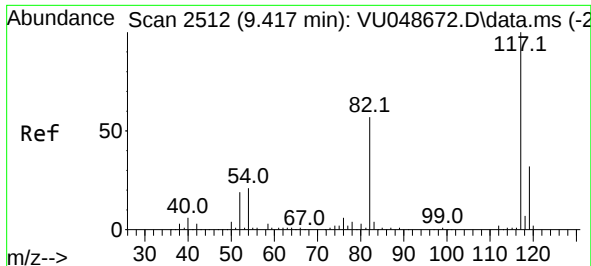
Tgt Ion:107 Resp: 3707
Ion Ratio Lower Upper
107 100
109 86.6 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 4.258 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 95 Resp: 16295
Ion Ratio Lower Upper
95 100
174 86.4 0.0 159.4
176 79.8 0.0 152.4

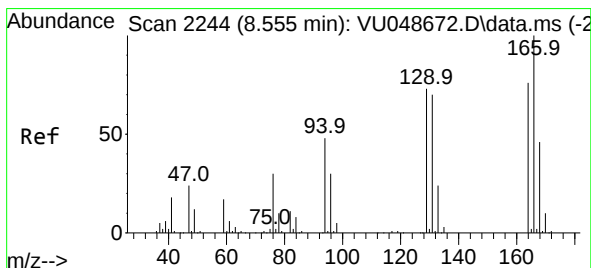
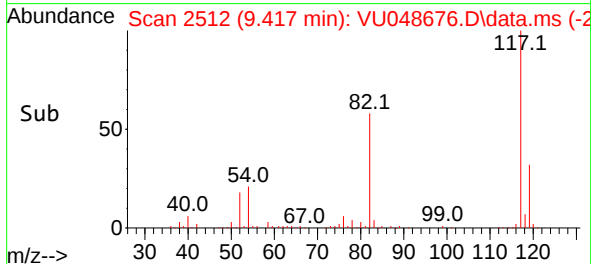
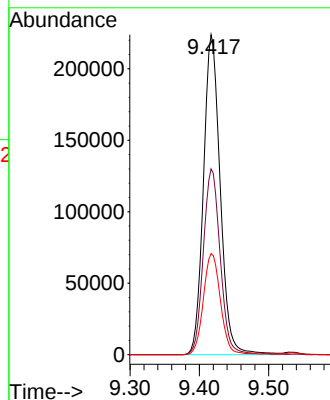
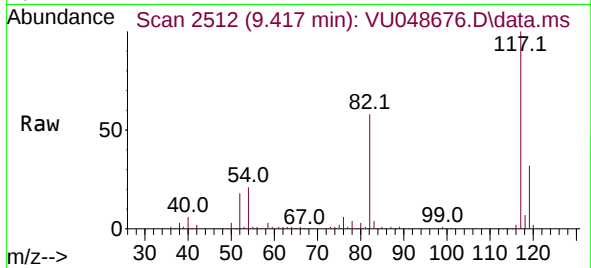




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

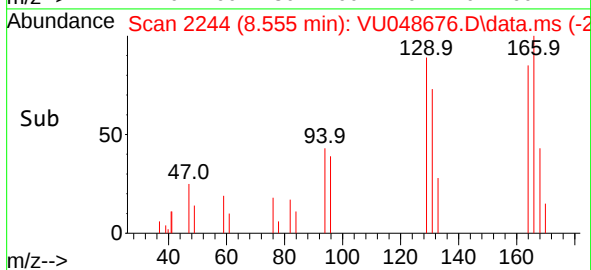
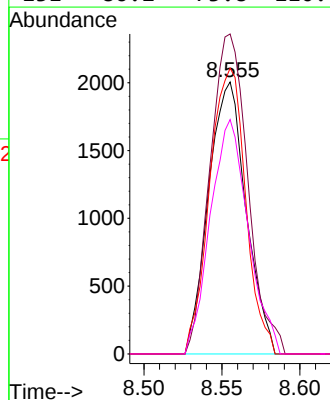
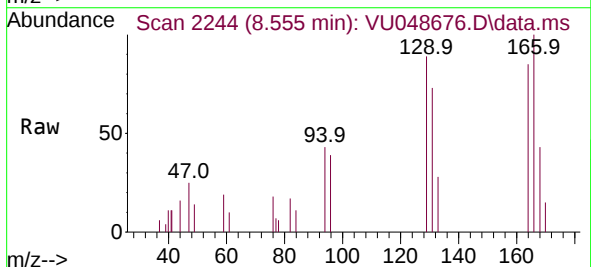
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

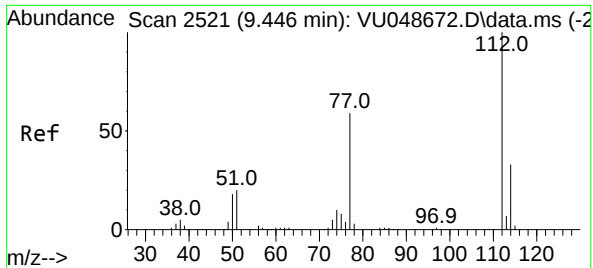
Tgt Ion:117 Resp: 376517
Ion Ratio Lower Upper
117 100
82 58.1 45.3 67.9
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 1.160 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion:164 Resp: 3357
Ion Ratio Lower Upper
164 100
166 117.6 105.0 157.4
129 105.1 76.5 114.7
131 86.2 73.8 110.6

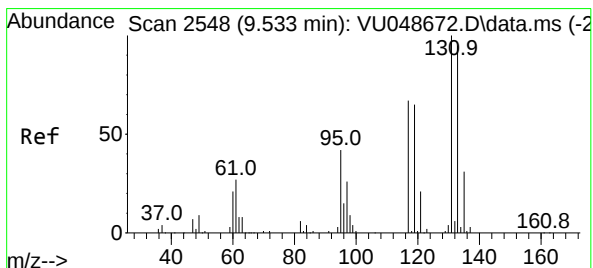
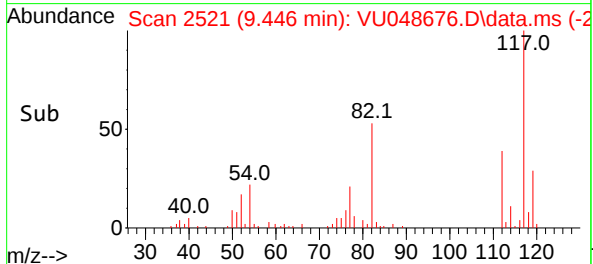
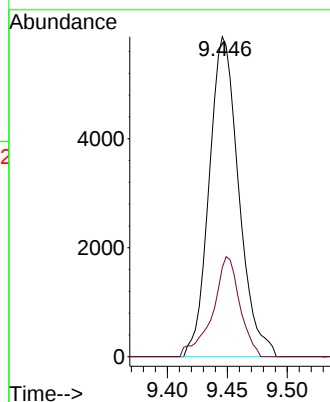
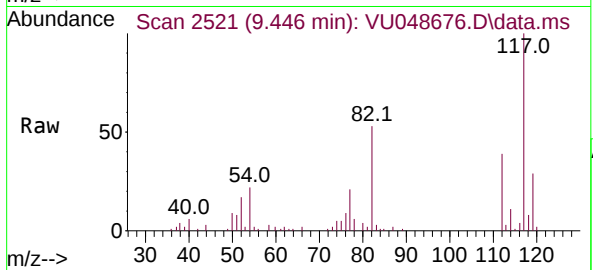




#65
Chlorobenzene
Concen: 1.264 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

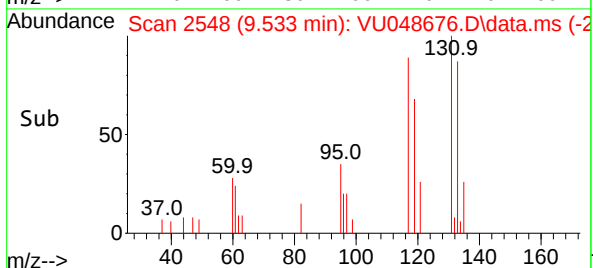
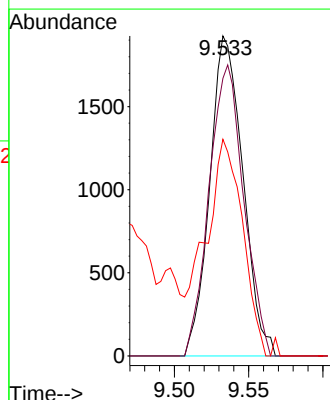
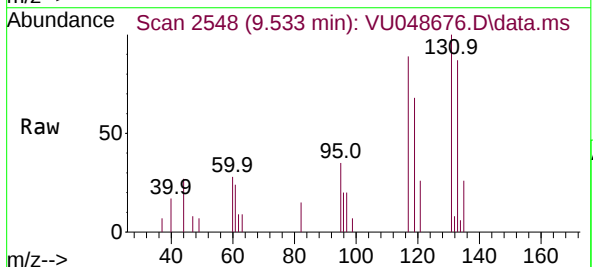
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

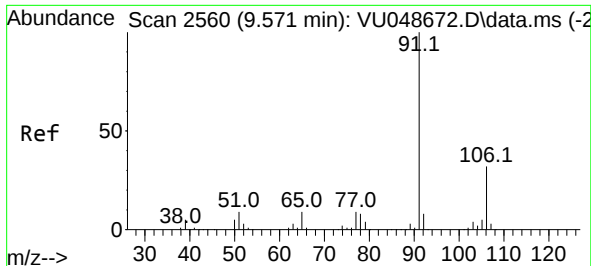
Tgt Ion:112 Resp: 10065
Ion Ratio Lower Upper
112 100
114 27.8 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.988 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion:131 Resp: 2987
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 0.0 32.7 98.1#





#67

Ethyl Benzene

Concen: 1.080 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

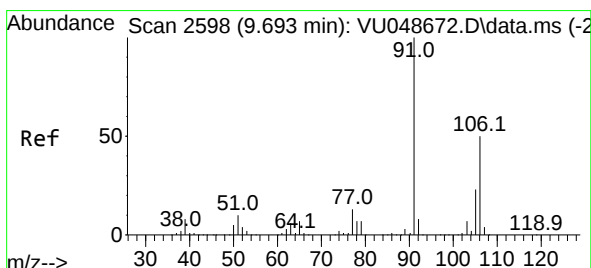
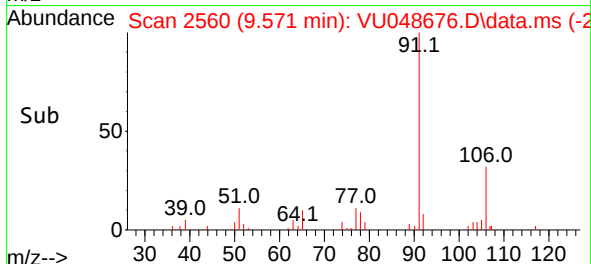
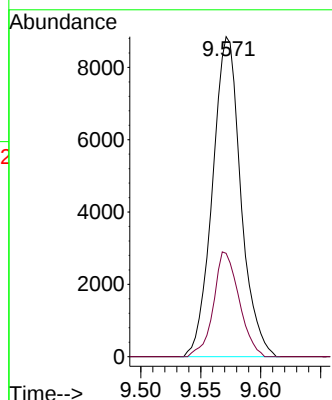
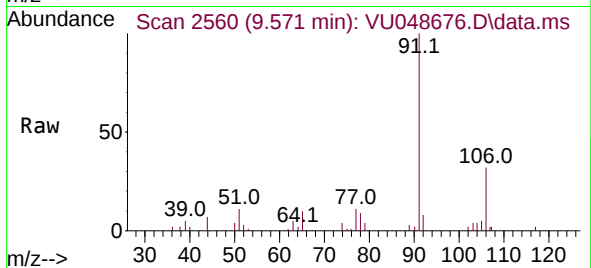
VSTDIC001

Tgt Ion: 91 Resp: 14510

Ion Ratio Lower Upper

91 100

106 32.3 25.4 38.2



#68

m/p-Xylenes

Concen: 2.131 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU048676.D

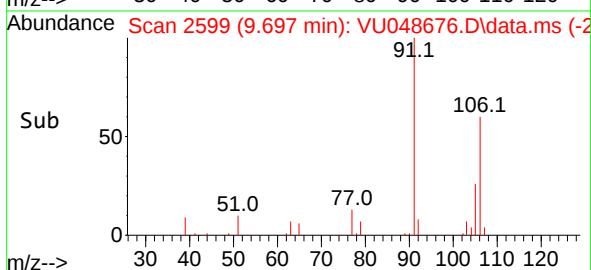
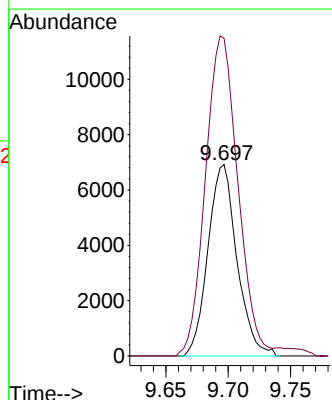
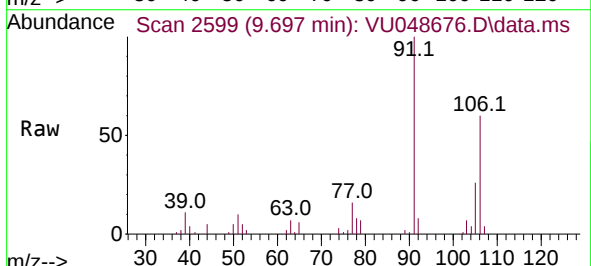
Acq: 26 May 2022 12:57

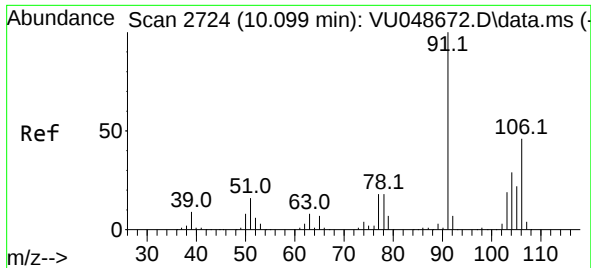
Tgt Ion: 106 Resp: 11195

Ion Ratio Lower Upper

106 100

91 190.8 162.4 243.6

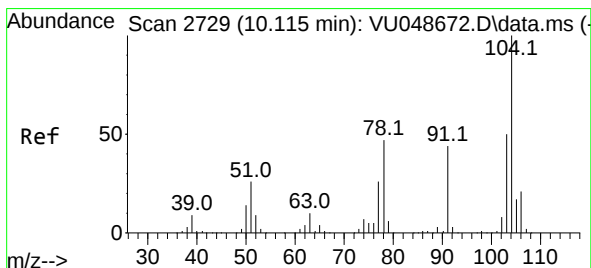
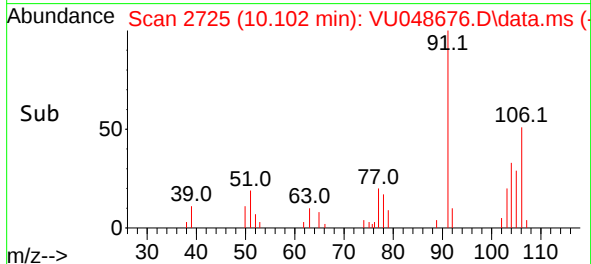
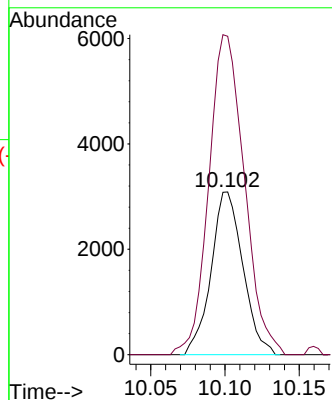
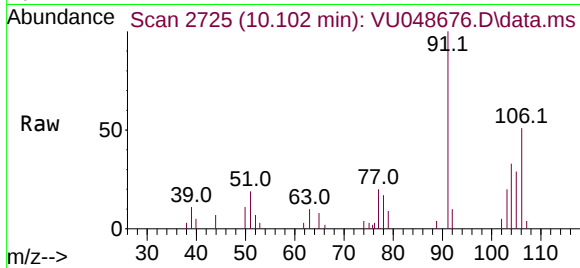




#69
o-Xylene
Concen: 0.892 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

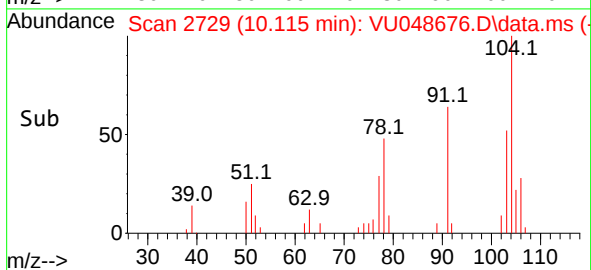
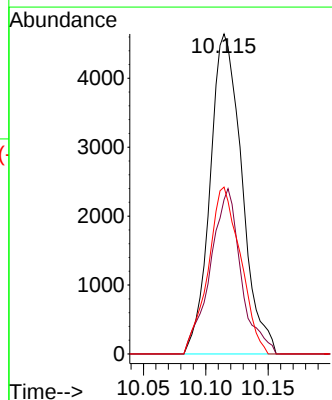
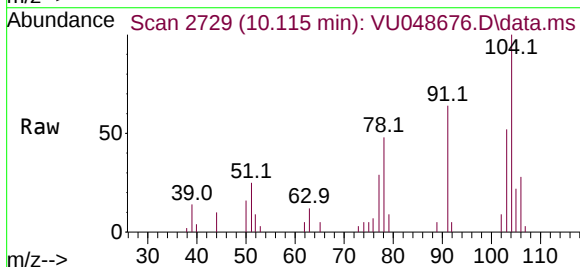
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

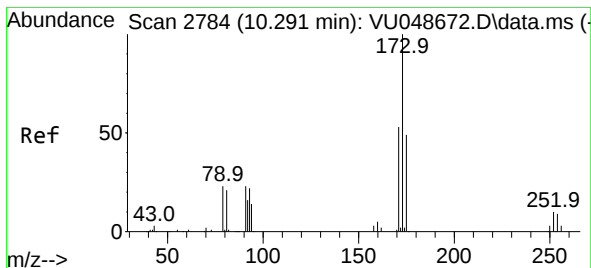
Tgt Ion:106 Resp: 4603
Ion Ratio Lower Upper
106 100
91 219.4 107.7 323.3



#70
Styrene
Concen: 0.970 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion:104 Resp: 8233
Ion Ratio Lower Upper
104 100
78 49.9 41.2 61.8
103 53.2 43.4 65.2





#71

Bromoform

Concen: 0.955 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

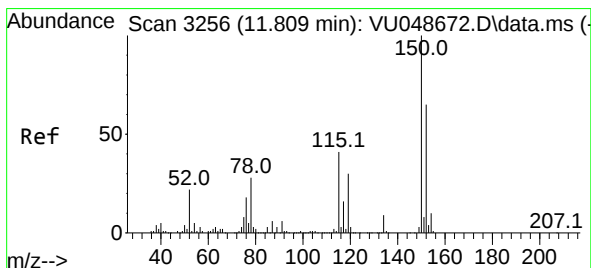
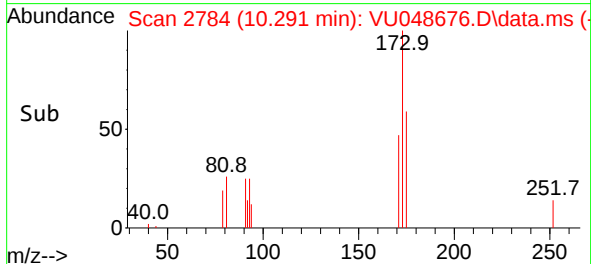
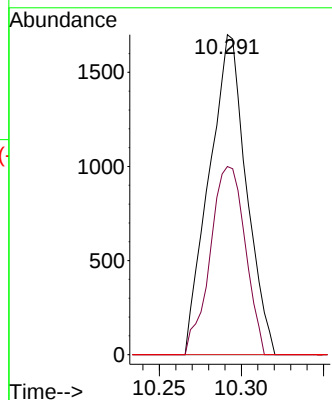
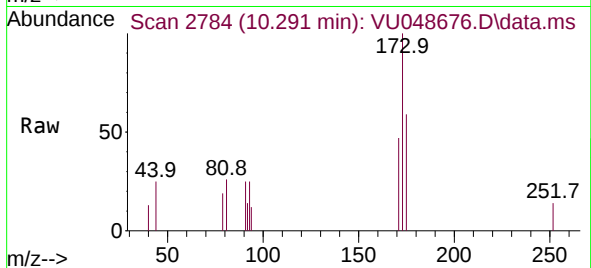
Tgt Ion:173 Resp: 2669

Ion Ratio Lower Upper

173 100

175 55.6 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: VU048676.D

Acq: 26 May 2022 12:57

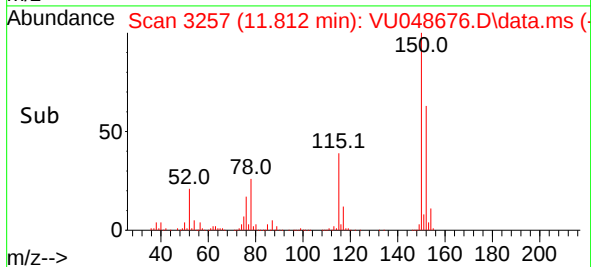
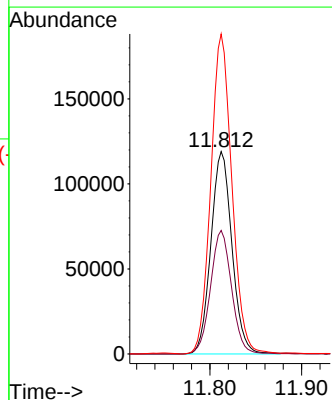
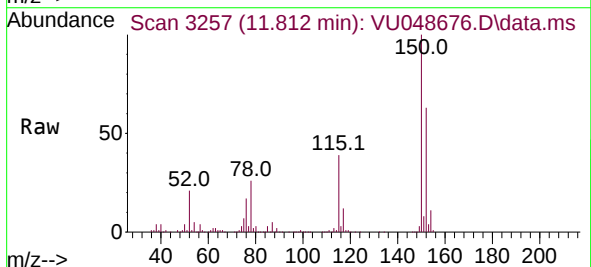
Tgt Ion:152 Resp: 189962

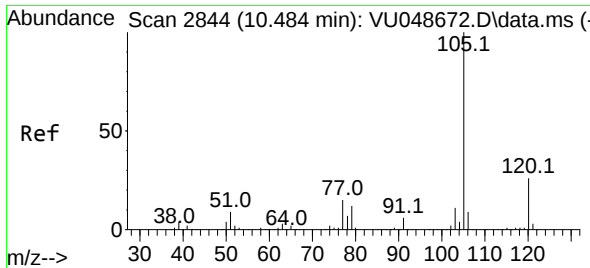
Ion Ratio Lower Upper

152 100

115 61.0 41.8 125.4

150 158.0 0.0 341.0

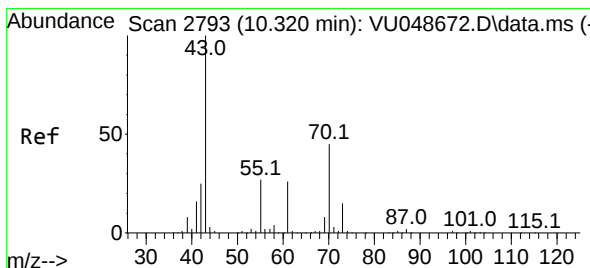
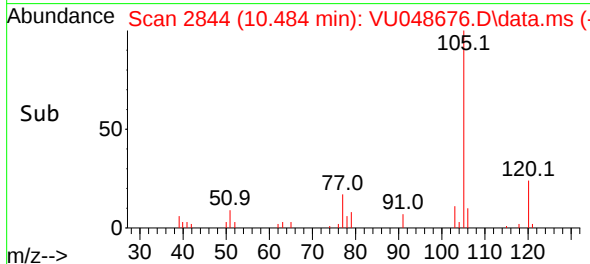
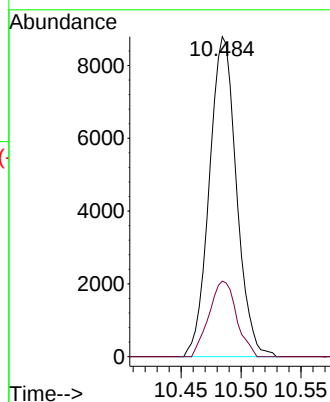
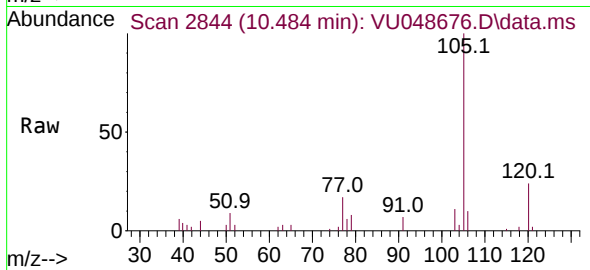




#73
Isopropylbenzene
Concen: 1.126 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

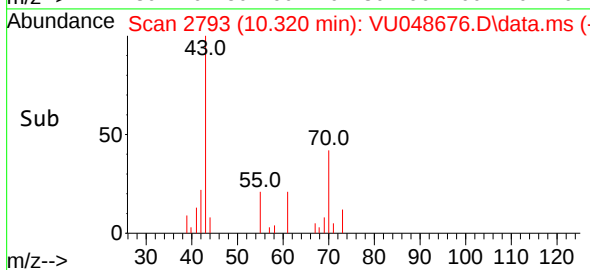
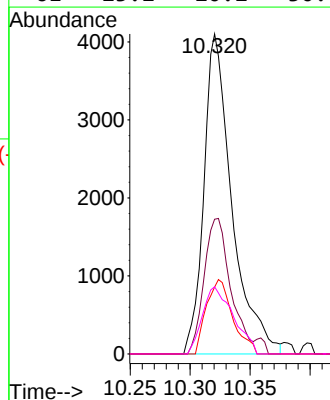
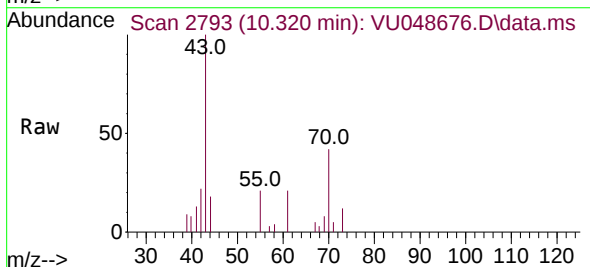
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

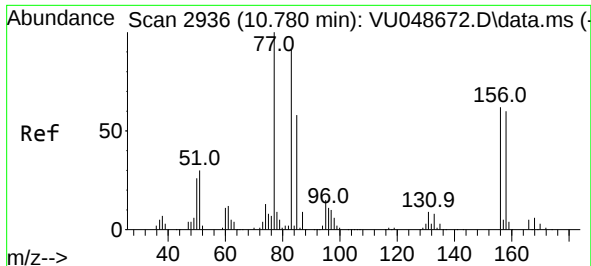
Tgt Ion:105 Resp: 13813
Ion Ratio Lower Upper
105 100
120 23.9 12.9 38.6



#74
N-ethyl acetate
Concen: 1.259 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 43 Resp: 6675
Ion Ratio Lower Upper
43 100
70 40.2 35.8 53.6
55 21.8 21.1 31.7
61 23.2 20.2 30.4

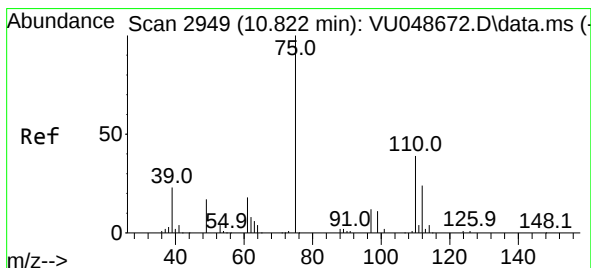
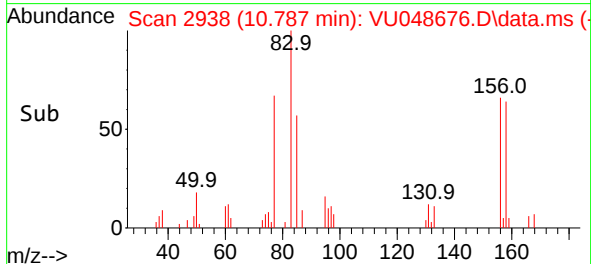
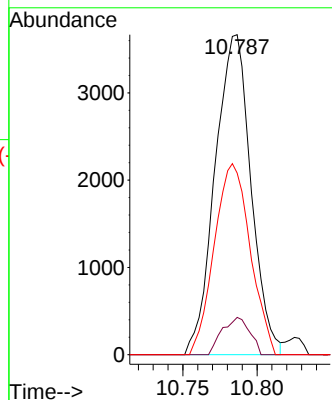
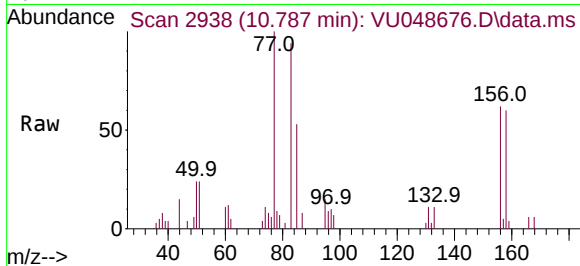




#75
1,1,2,2-Tetrachloroethane
Concen: 1.232 ug/l
RT: 10.787 min Scan# 2936
Delta R.T. 0.006 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

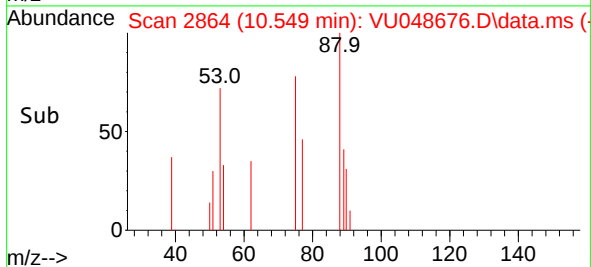
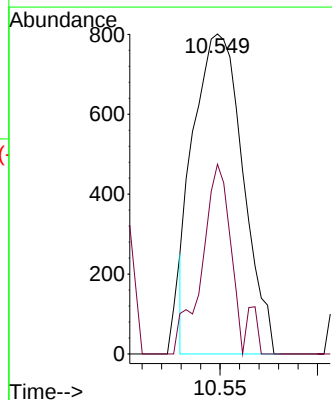
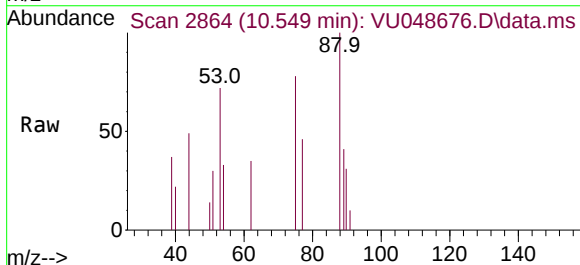
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

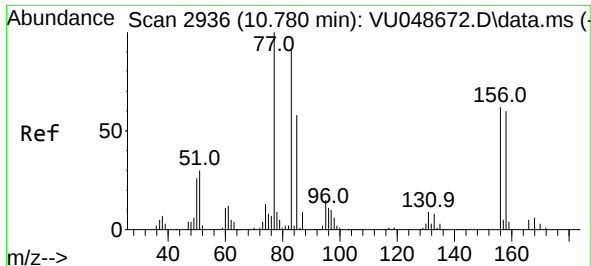
Tgt Ion: 83 Resp: 6165
Ion Ratio Lower Upper
83 100
131 8.9 5.2 15.6
85 59.8 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 0.270 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.273 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 75 Resp: 1414
Ion Ratio Lower Upper
75 100
77 32.7 14.8 44.3

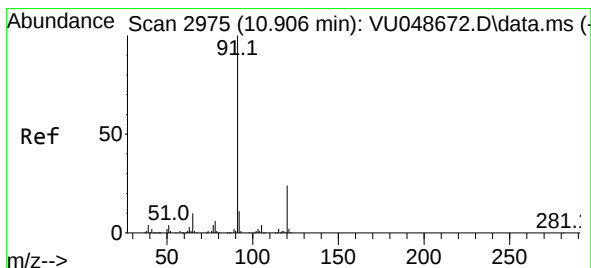
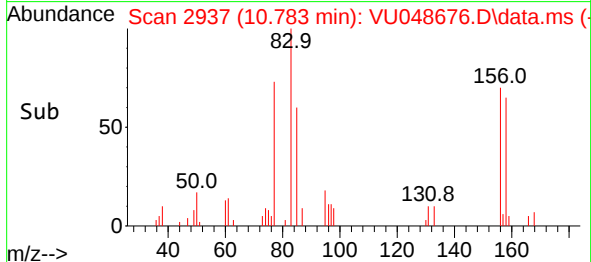
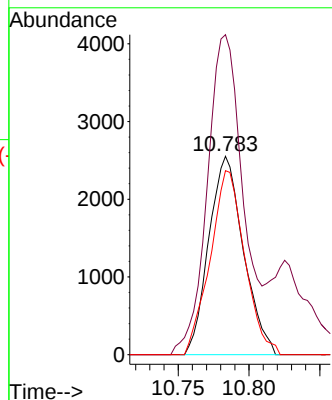
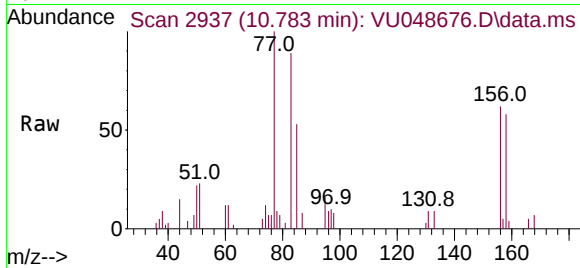




#77
Bromobenzene
Concen: 1.318 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

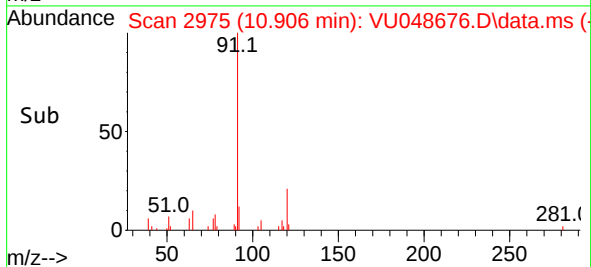
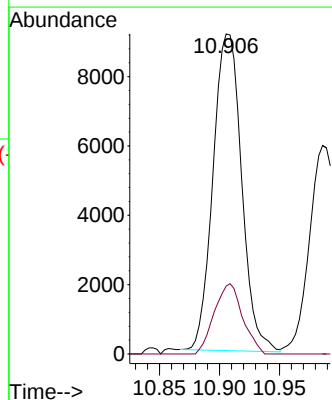
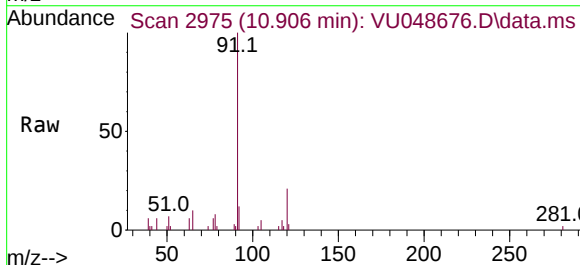
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

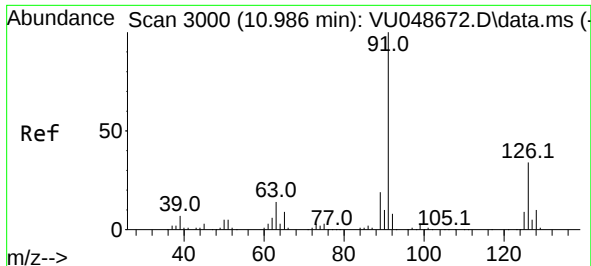
Tgt Ion:156 Resp: 4341
Ion Ratio Lower Upper
156 100
77 165.1 81.1 243.3
158 92.4 48.8 146.4



#78
n-propylbenzene
Concen: 1.035 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 91 Resp: 15128
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.7

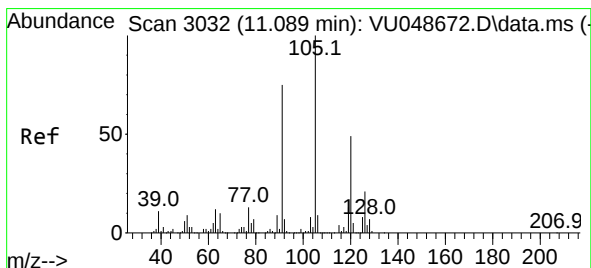
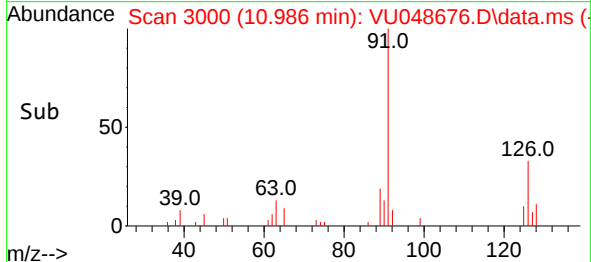
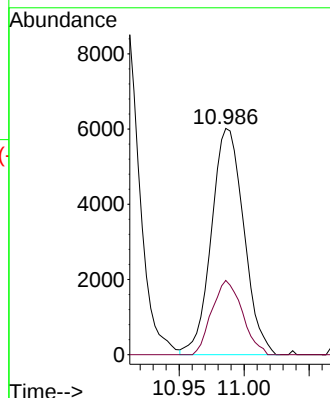
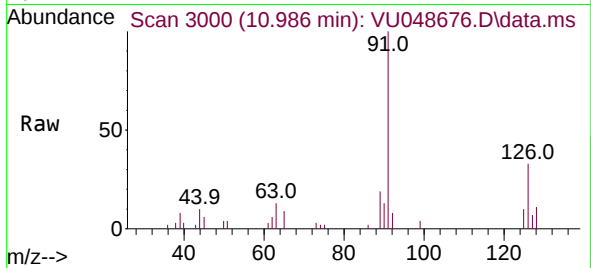




#79
2-Chlorotoluene
Concen: 1.148 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

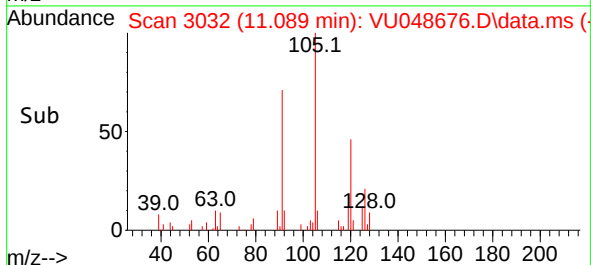
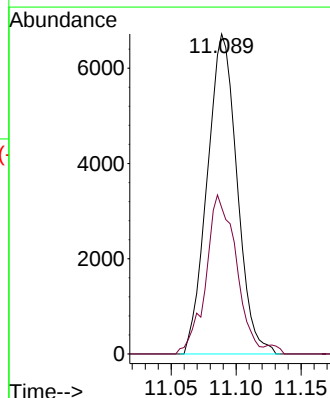
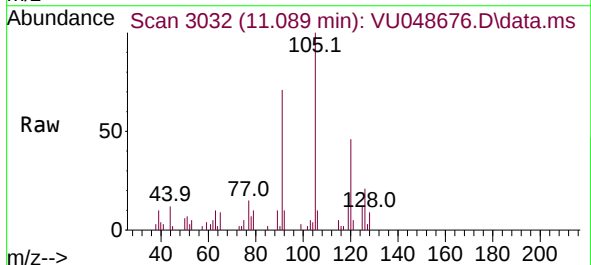
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

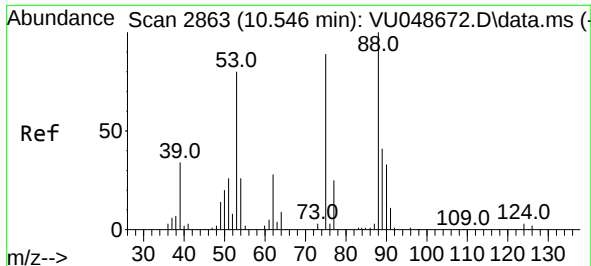
Tgt Ion: 91 Resp: 10431
Ion Ratio Lower Upper
91 100
126 30.8 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 1.005 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 105 Resp: 10717
Ion Ratio Lower Upper
105 100
120 50.4 24.1 72.3

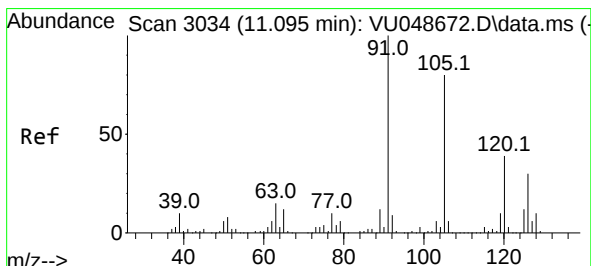
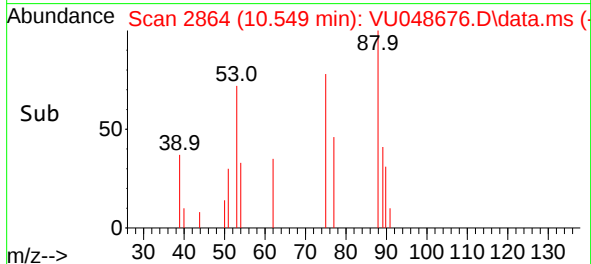
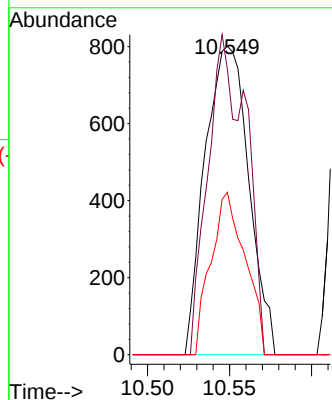
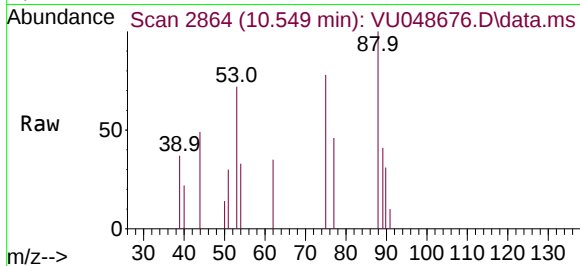




#81
trans-1,4-Dichloro-2-butene
Concen: 0.880 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

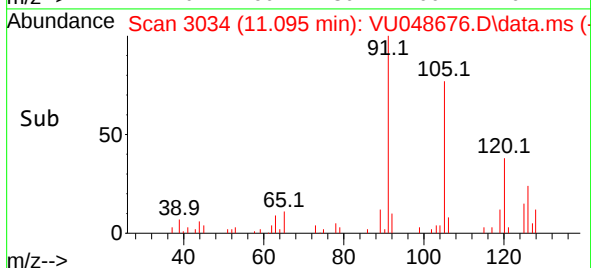
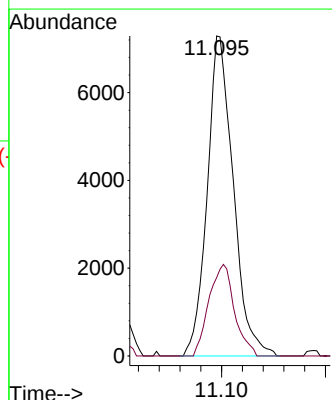
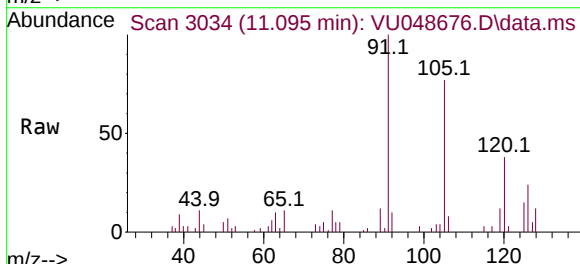
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

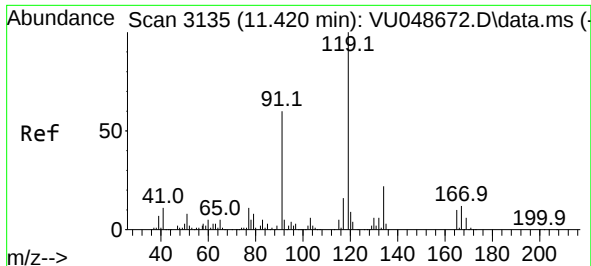
Tgt Ion: 75 Resp: 1485
Ion Ratio Lower Upper
75 100
53 90.6 72.5 108.7
89 41.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 1.208 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 91 Resp: 12671
Ion Ratio Lower Upper
91 100
126 28.0 14.4 43.2

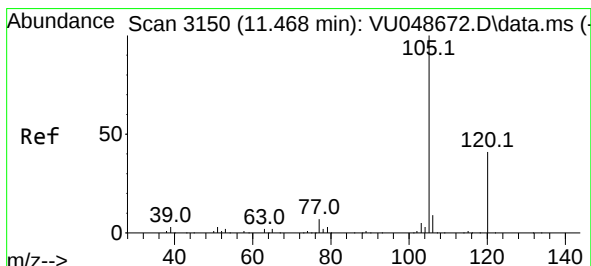
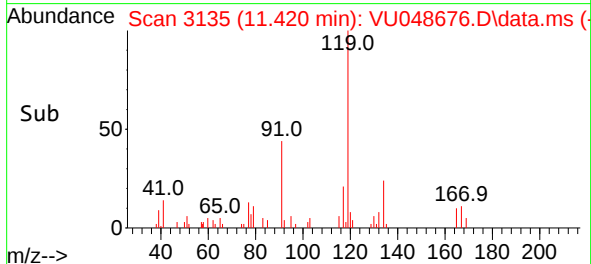
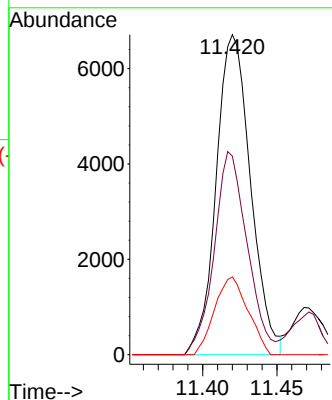
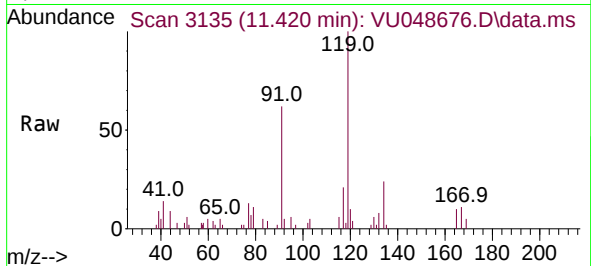




#83
tert-Butylbenzene
Concen: 1.058 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

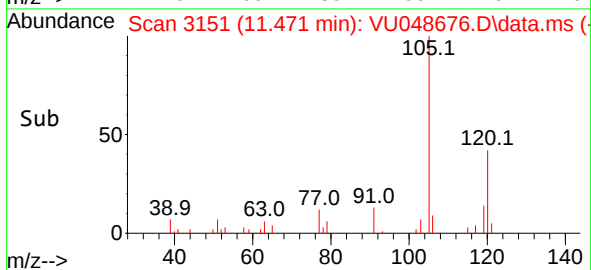
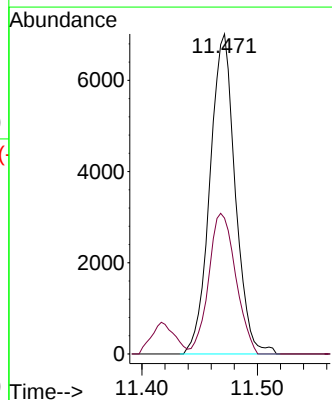
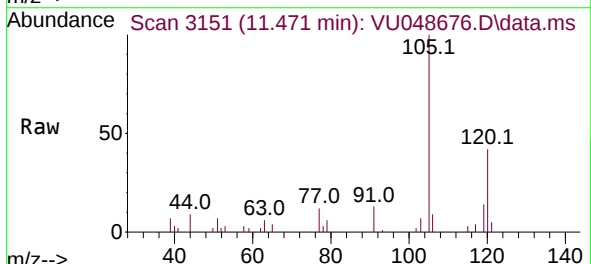
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

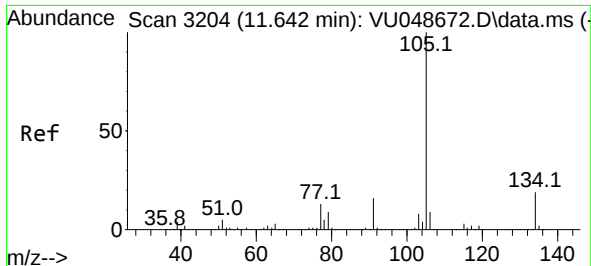
Tgt Ion:119 Resp: 10834
Ion Ratio Lower Upper
119 100
91 60.9 28.7 86.1
134 23.5 10.8 32.4



#84
1,2,4-Trimethylbenzene
Concen: 1.028 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion:105 Resp: 10673
Ion Ratio Lower Upper
105 100
120 47.0 22.5 67.5

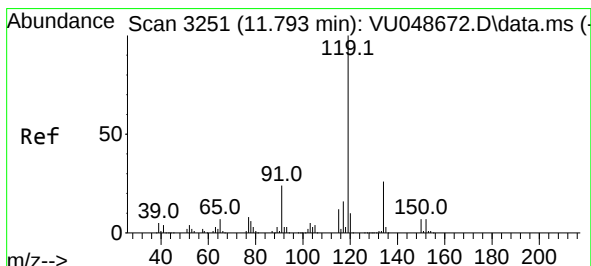
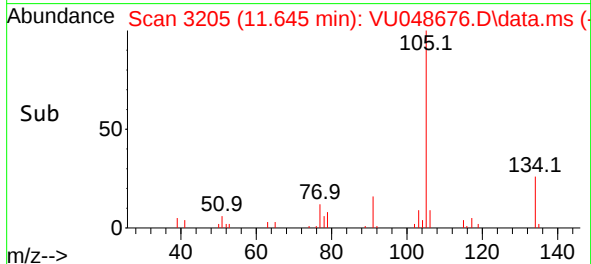
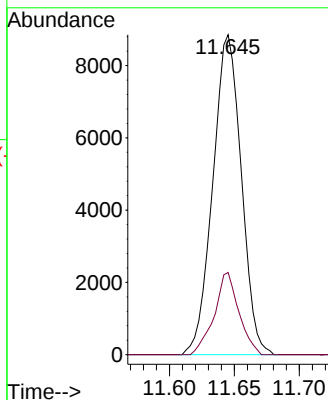
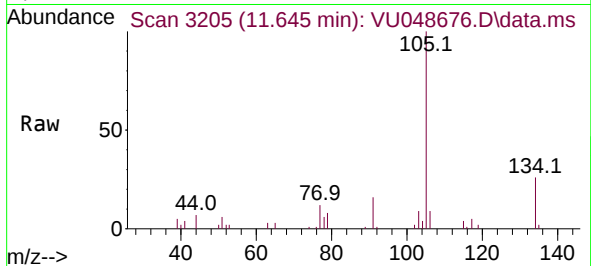




#85
 sec-Butylbenzene
 Concen: 1.053 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048676.D
 Acq: 26 May 2022 12:57

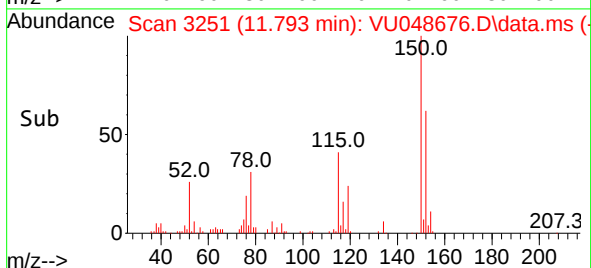
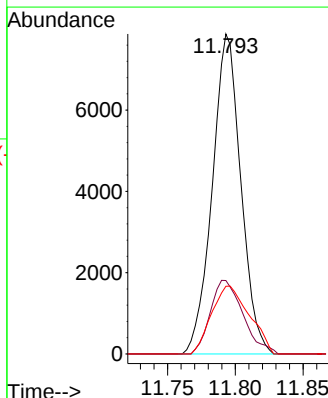
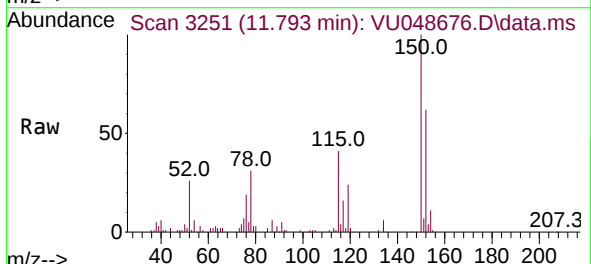
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Tgt Ion:105 Resp: 13480
 Ion Ratio Lower Upper
 105 100
 134 22.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 1.049 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048676.D
 Acq: 26 May 2022 12:57

Tgt Ion:119 Resp: 11538
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.4
 91 28.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 1.407 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

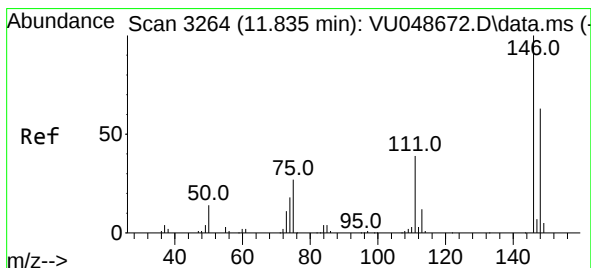
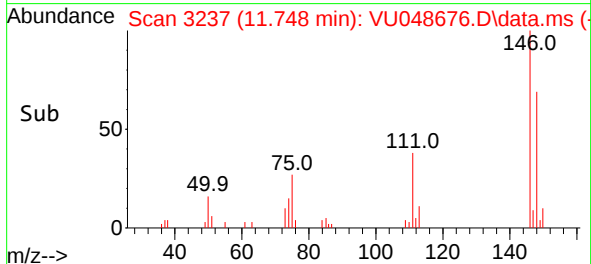
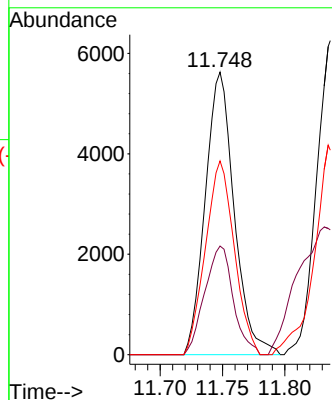
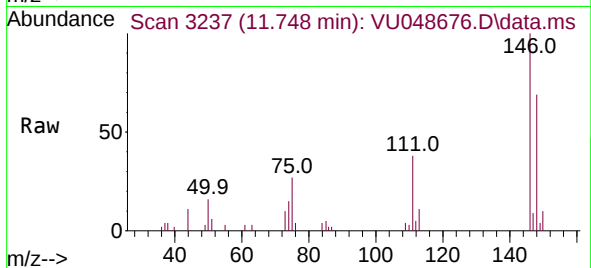
Tgt Ion:146 Resp: 9087

Ion Ratio Lower Upper

146 100

111 37.8 20.6 61.9

148 68.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 1.362 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.087 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

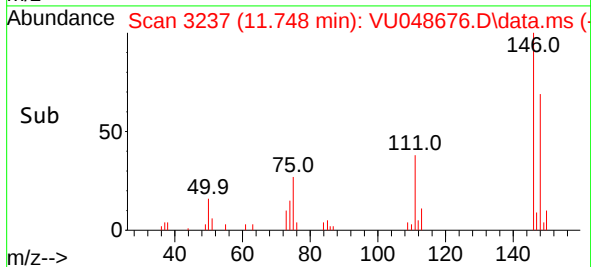
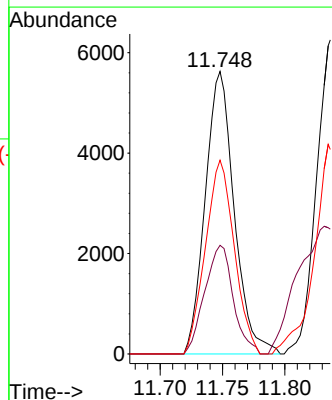
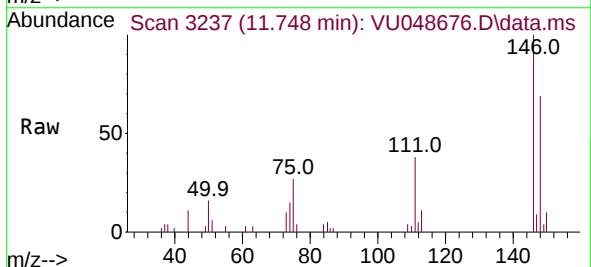
Tgt Ion:146 Resp: 9087

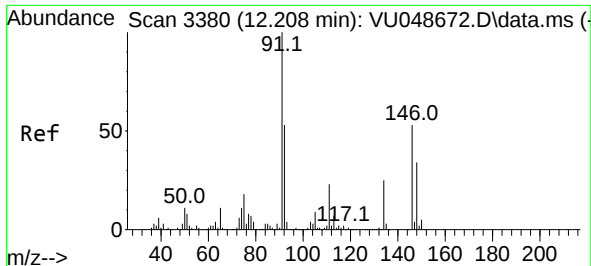
Ion Ratio Lower Upper

146 100

111 37.8 20.2 60.6

148 68.3 32.4 97.0

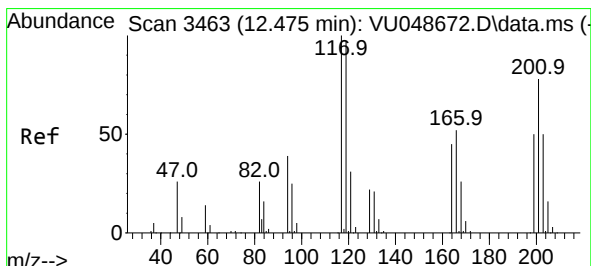
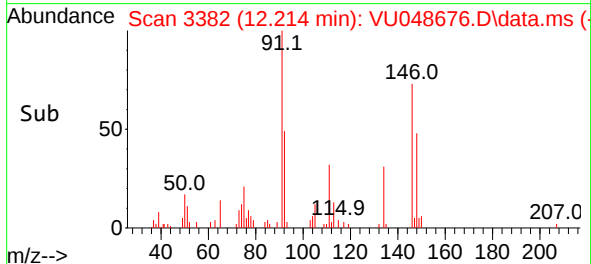
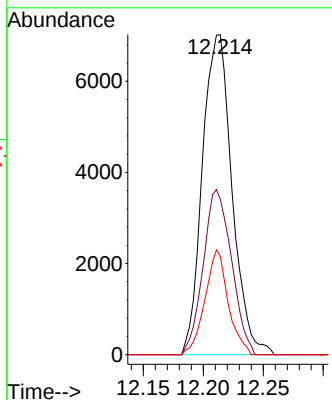
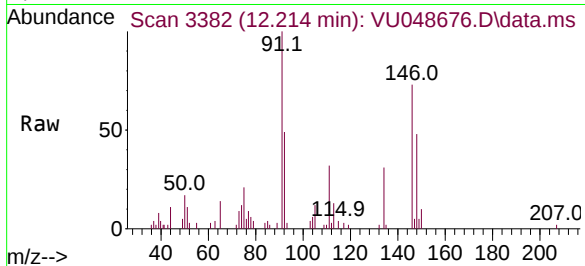




#89
n-Butylbenzene
Concen: 1.251 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

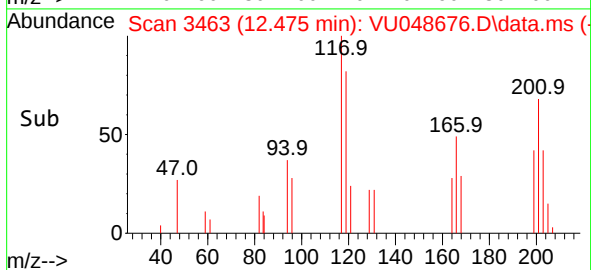
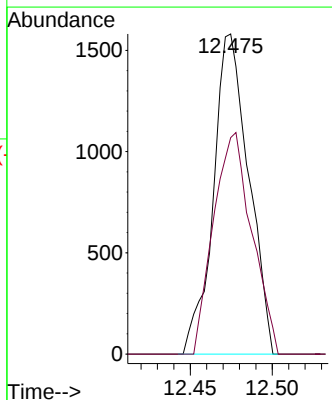
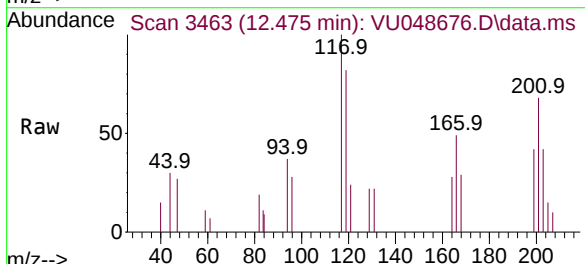
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

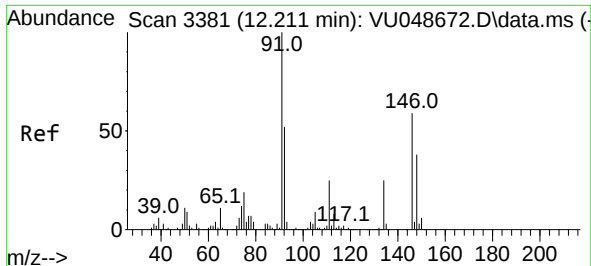
Tgt Ion: 91 Resp: 12094
Ion Ratio Lower Upper
91 100
92 49.2 25.9 77.8
134 25.6 12.5 37.5



#90
Hexachloroethane
Concen: 1.054 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion: 117 Resp: 2366
Ion Ratio Lower Upper
117 100
201 75.1 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 1.306 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

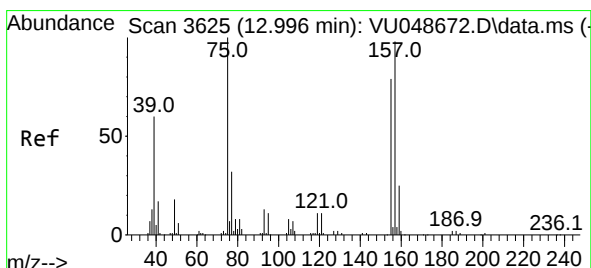
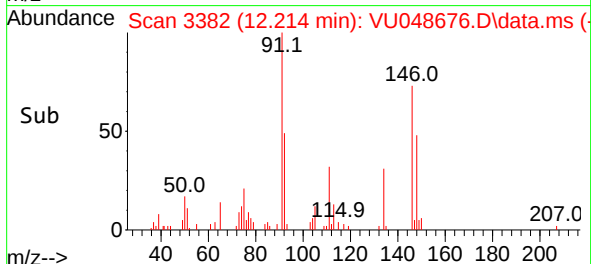
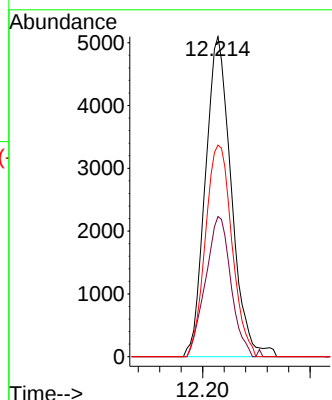
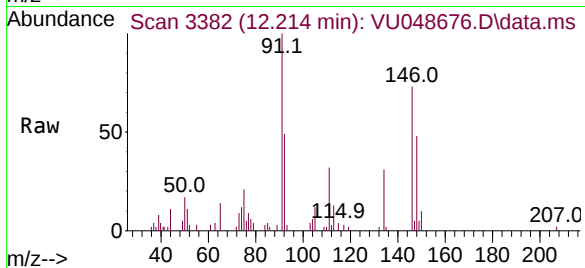
Tgt Ion:146 Resp: 8519

Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.3

148 67.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.276 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

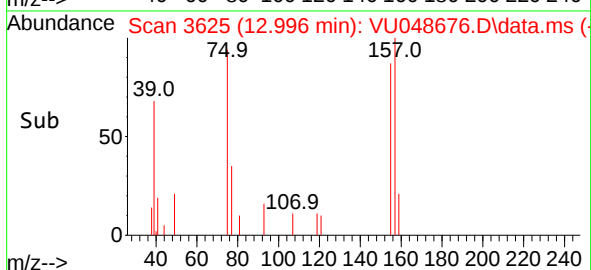
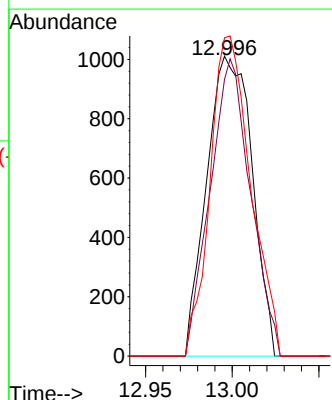
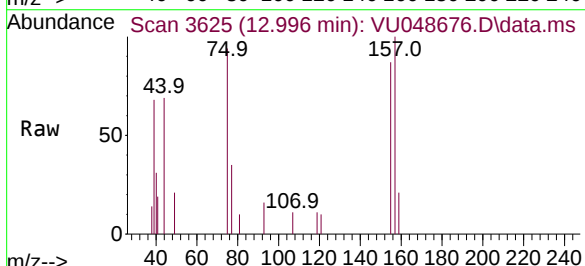
Tgt Ion: 75 Resp: 1839

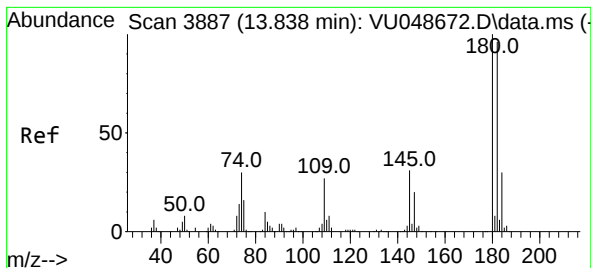
Ion Ratio Lower Upper

75 100

155 88.4 40.3 120.8

157 96.0 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 1.992 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

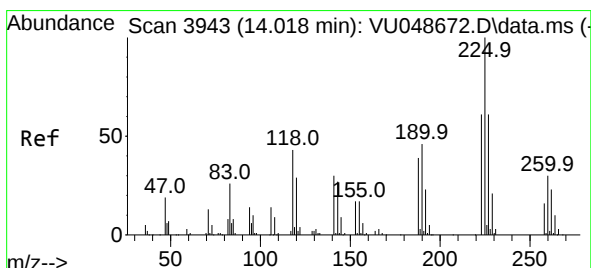
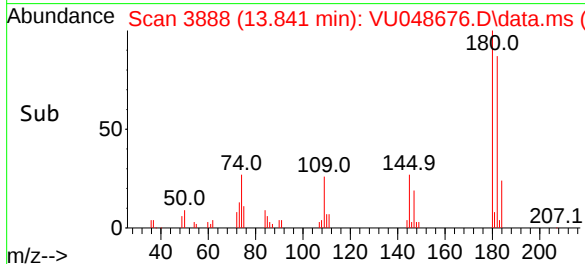
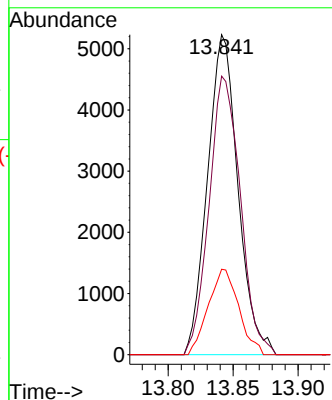
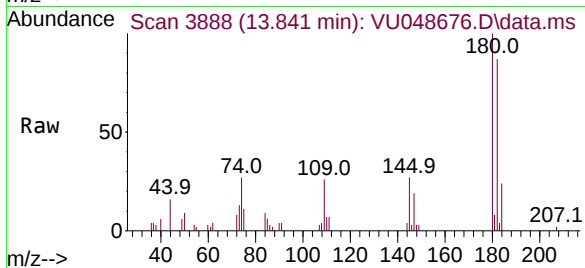
Tgt Ion:180 Resp: 8527

Ion Ratio Lower Upper

180 100

182 89.1 48.3 144.9

145 26.7 15.6 46.7



#94

Hexachlorobutadiene

Concen: 1.509 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048676.D

Acq: 26 May 2022 12:57

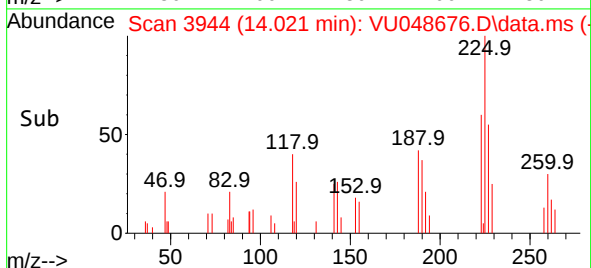
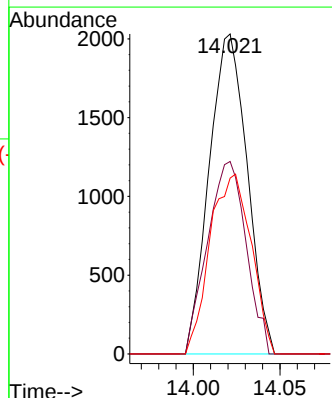
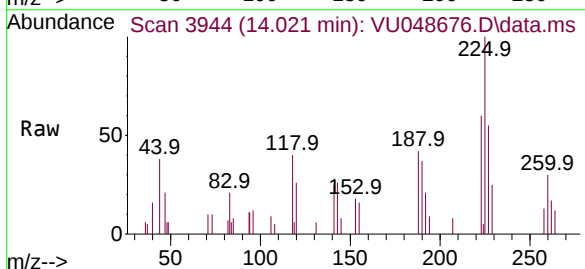
Tgt Ion:225 Resp: 3097

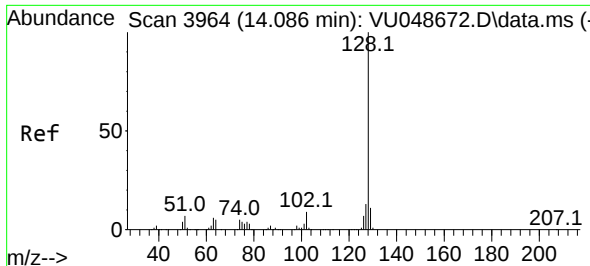
Ion Ratio Lower Upper

225 100

223 61.3 30.9 92.8

227 60.9 31.1 93.5

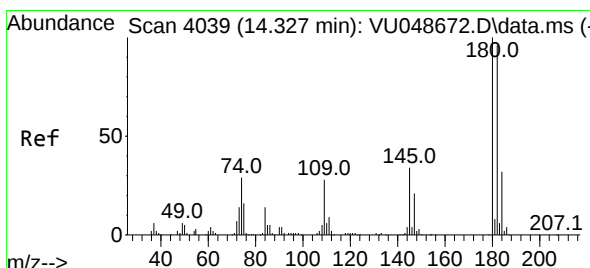
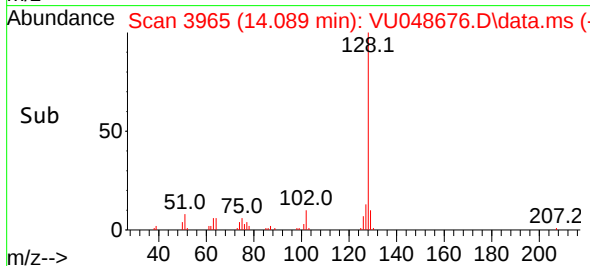
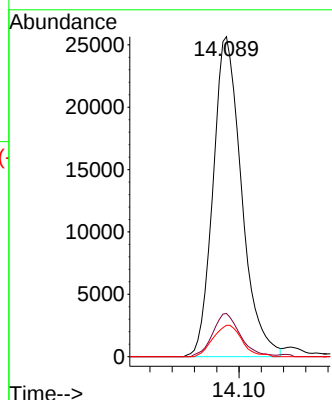
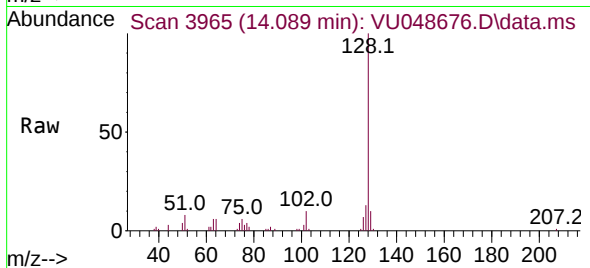




#95
Naphthalene
Concen: 3.439 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128	Resp:	45662
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.4
129	9.9	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.042 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048676.D
Acq: 26 May 2022 12:57

Tgt Ion:180	Resp:	8656
Ion Ratio	Lower	Upper
180	100	
182	100.2	47.4 142.2
145	30.8	16.6 49.8

