

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048774.D
 Acq On : 01 Jun 2022 11:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 15:17:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	291357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	474939	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	441368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	245445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	199278	45.543	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.080%
35) Dibromofluoromethane	5.288	113	161843	47.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	7.899	98	589241	48.514	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	10.632	95	228391	49.721	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	144020	43.179	ug/l	98
3) Chloromethane	1.523	50	186176	43.360	ug/l	99
4) Vinyl Chloride	1.604	62	180448	45.375	ug/l	96
5) Bromomethane	1.845	94	131722	60.464	ug/l	99
6) Chloroethane	1.925	64	108727	49.783	ug/l	97
7) Trichlorofluoromethane	2.134	101	247299	43.542	ug/l	97
8) Diethyl Ether	2.375	74	97952	46.735	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.578	101	143758	46.240	ug/l	99
10) Methyl Iodide	2.719	142	211829	46.118	ug/l	97
11) Tert butyl alcohol	3.176	59	255388	230.216	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	140435	47.358	ug/l	98
13) Acrolein	2.481	56	63042	170.129	ug/l	98
14) Allyl chloride	2.922	41	275973	48.049	ug/l	98
15) Acrylonitrile	3.308	53	595257	247.409	ug/l	99
16) Acetone	2.620	43	518895	232.695	ug/l	99
17) Carbon Disulfide	2.790	76	364030	42.052	ug/l	99
18) Methyl Acetate	2.944	43	282879	50.525	ug/l	100
19) Methyl tert-butyl Ether	3.362	73	552531	49.106	ug/l	99
20) Methylene Chloride	3.044	84	174598	46.043	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	154889	45.662	ug/l	96
22) Diisopropyl ether	3.989	45	549183	51.836	ug/l	98
23) Vinyl Acetate	3.954	43	2389320	260.293	ug/l	99
24) 1,1-Dichloroethane	3.870	63	313283	47.082	ug/l	99
25) 2-Butanone	4.697	43	808036	252.235	ug/l	98
26) 2,2-Dichloropropane	4.665	77	266218	44.596	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	186053	47.386	ug/l	98
28) Bromochloromethane	4.973	49	130807	50.119	ug/l	99
29) Tetrahydrofuran	5.047	42	510937	253.207	ug/l	99
30) Chloroform	5.089	83	317983	47.760	ug/l	97
31) Cyclohexane	5.388	56	262937	47.683	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	273392	45.261	ug/l	98
36) 1,1-Dichloropropene	5.526	75	227624	46.029	ug/l	99
37) Ethyl Acetate	4.800	43	293516	46.950	ug/l	100
38) Carbon Tetrachloride	5.526	117	238757	42.083	ug/l	99
39) Methylcyclohexane	6.764	83	258675	49.887	ug/l	99
40) Benzene	5.774	78	676015	46.304	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	157607	49.889	ug/l	98
42) 1,2-Dichloroethane	5.793	62	249910	43.728	ug/l	98
43) Isopropyl Acetate	5.909	43	448387	49.416	ug/l	100
44) Trichloroethene	6.542	130	171649	45.635	ug/l	99
45) 1,2-Dichloropropane	6.790	63	187733	51.077	ug/l	96
46) Dibromomethane	6.919	93	129108	47.017	ug/l	99
47) Bromodichloromethane	7.105	83	257955	46.452	ug/l	98
48) Methyl methacrylate	6.960	41	212502	52.169	ug/l	98
49) 1,4-Dioxane	6.964	88	82940	910.849	ug/l	95
51) 4-Methyl-2-Pentanone	7.790	43	1533621	260.299	ug/l	99
52) Toluene	7.970	92	423168	48.458	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	286727	47.865	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	301709	48.605	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	180878	46.931	ug/l	99
56) Ethyl methacrylate	8.333	69	294797	48.488	ug/l	98
57) 1,3-Dichloropropane	8.574	76	314740	48.521	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	288007	214.009	ug/l	99
59) 2-Hexanone	8.684	43	1208245	249.794	ug/l	99
60) Dibromochloromethane	8.812	129	198881	46.035	ug/l	99
61) 1,2-Dibromoethane	8.925	107	196096	46.200	ug/l	100
64) Tetrachloroethene	8.555	164	145729	47.493	ug/l	97
65) Chlorobenzene	9.446	112	465859	49.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	174228	49.171	ug/l	98
67) Ethyl Benzene	9.571	91	831727	52.827	ug/l	100
68) m/p-Xylenes	9.693	106	645860	104.885	ug/l	99
69) o-Xylene	10.102	106	313593	51.836	ug/l	100
70) Styrene	10.115	104	542314	54.499	ug/l	99
71) Bromoform	10.291	173	152637	46.591	ug/l #	100
73) Isopropylbenzene	10.484	105	811618	51.220	ug/l	100
74) N-amyl acetate	10.320	43	375817	47.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	319329	49.382	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	382370	48.317	ug/l	98
77) Bromobenzene	10.783	156	208573	49.012	ug/l	98
78) n-propylbenzene	10.906	91	1008852	53.430	ug/l	99
79) 2-Chlorotoluene	10.986	91	599437	51.051	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	736016	53.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	100996	46.338	ug/l	98
82) 4-Chlorotoluene	11.095	91	705340	52.063	ug/l	98
83) tert-Butylbenzene	11.420	119	712917	53.905	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	748953	50.421	ug/l	99
85) sec-Butylbenzene	11.645	105	895772	54.139	ug/l	98
86) p-Isopropyltoluene	11.793	119	781689	55.015	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	410901	49.247	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	420399	48.769	ug/l	99
89) n-Butylbenzene	12.208	91	717829	50.452	ug/l	99
90) Hexachloroethane	12.478	117	130518	45.009	ug/l	99
91) 1,2-Dichlorobenzene	12.211	146	415437	49.287	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	86316	46.360	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	283859	51.320	ug/l	99
94) Hexachlorobutadiene	14.021	225	120231	45.350	ug/l	99
95) Naphthalene	14.085	128	978844	50.632	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	281828	51.444	ug/l	99

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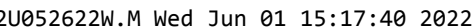
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MSVOA_U
ClientSampleId :
VSTDCCC050

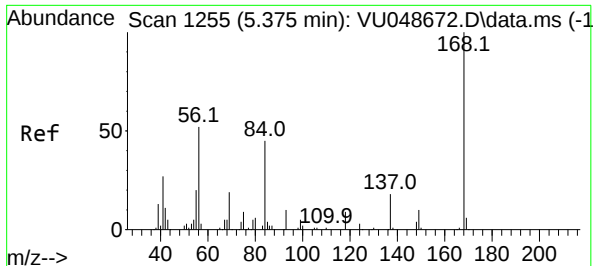
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Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

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

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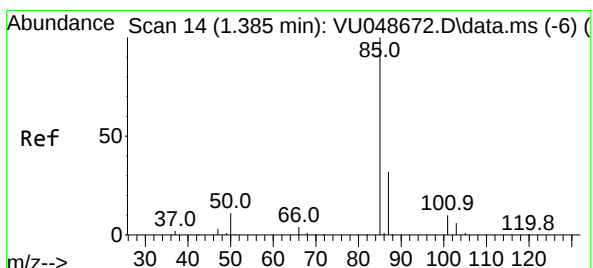
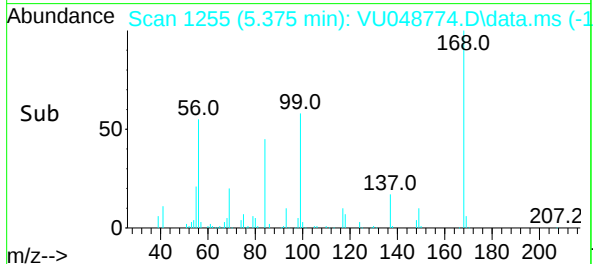
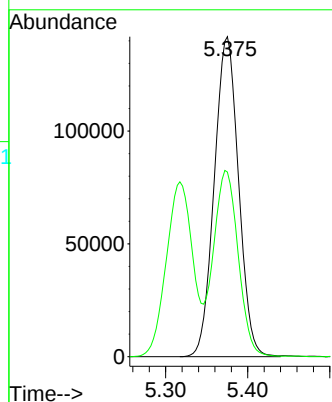
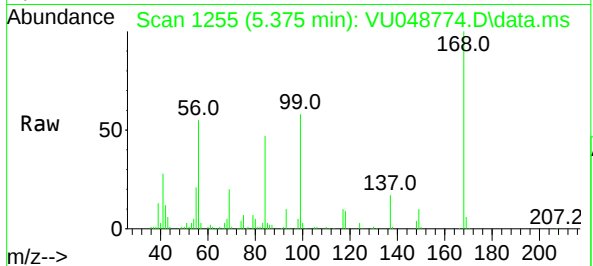




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048774.D
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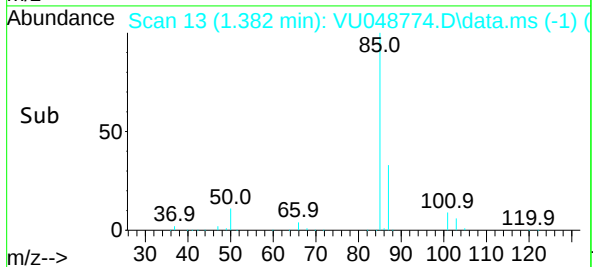
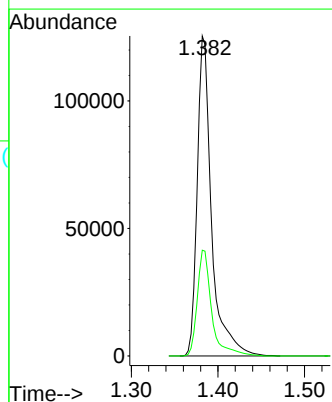
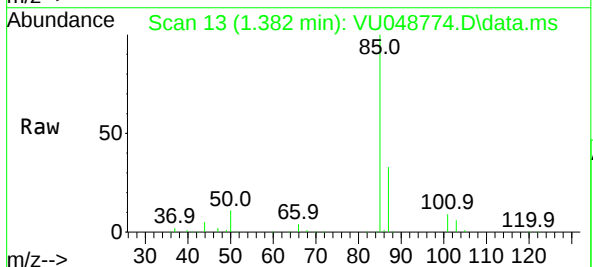
Instrument :
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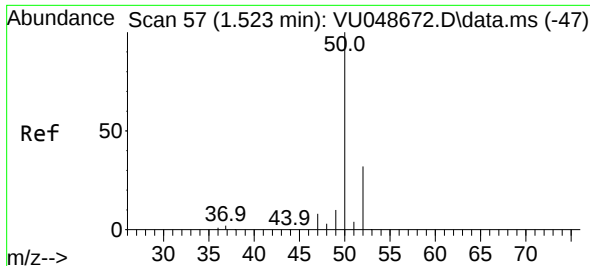
Tgt Ion:168 Resp: 291357
Ion Ratio Lower Upper
168 100
99 57.5 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 43.179 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 85 Resp: 144020
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0

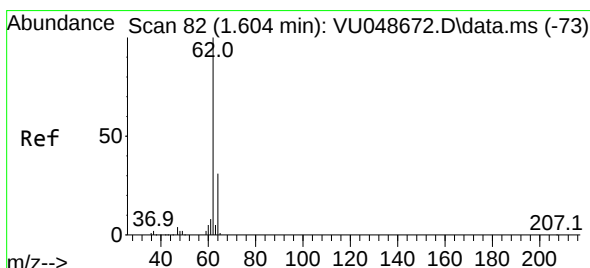
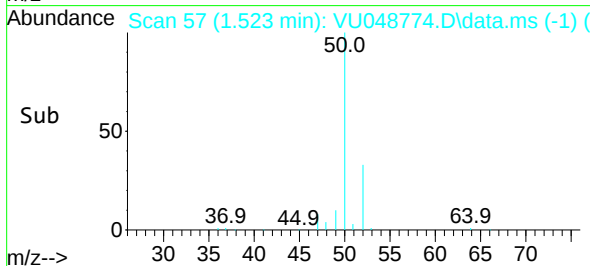
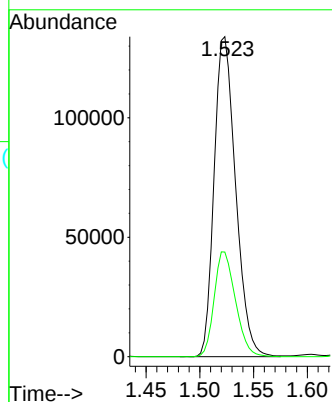
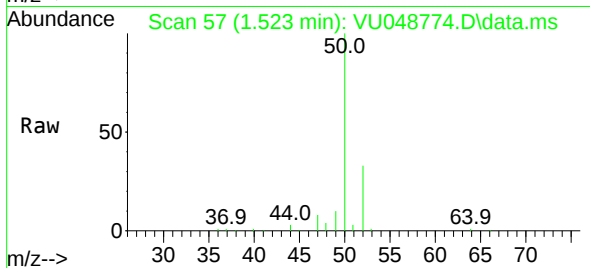




#3
Chloromethane
Concen: 43.360 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

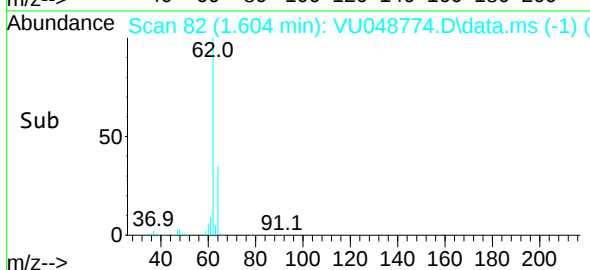
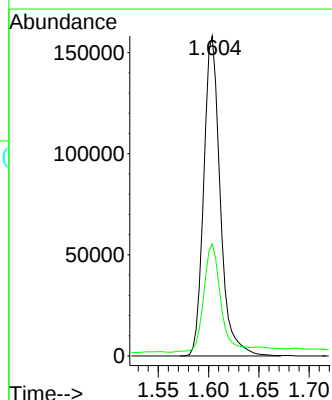
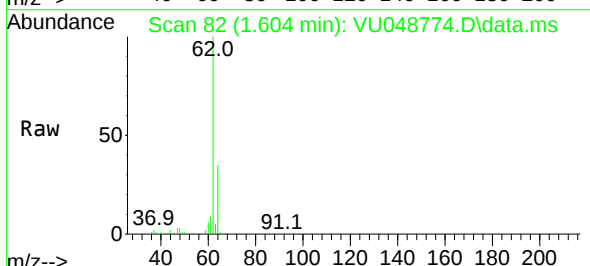
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ClientSampleId :
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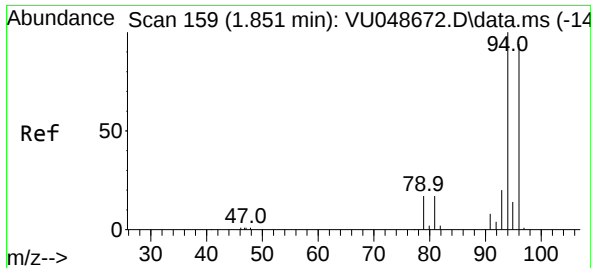
Tgt Ion: 50 Resp: 186176
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 45.375 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 62 Resp: 180448
Ion Ratio Lower Upper
62 100
64 33.5 25.2 37.8

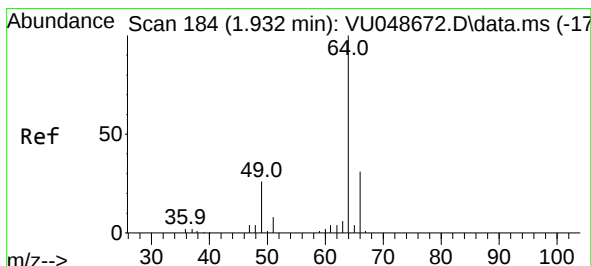
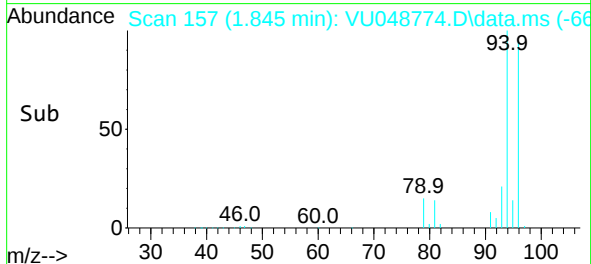
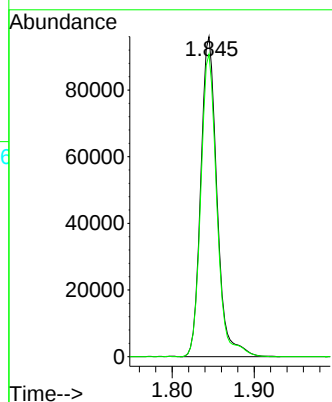
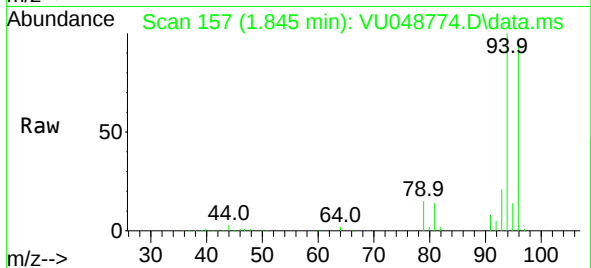




#5
Bromomethane
Concen: 60.464 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

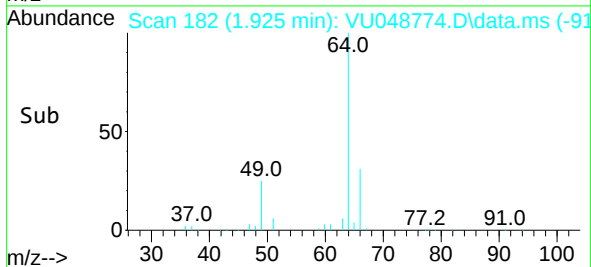
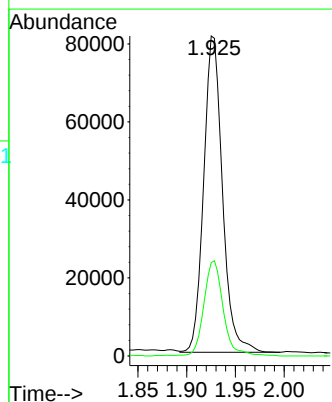
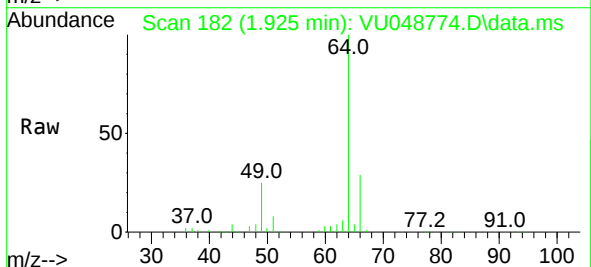
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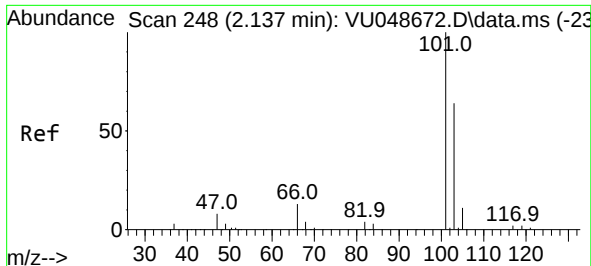
Tgt Ion: 94 Resp: 131722
Ion Ratio Lower Upper
94 100
96 94.5 75.1 112.7



#6
Chloroethane
Concen: 49.783 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.007 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 64 Resp: 108727
Ion Ratio Lower Upper
64 100
66 29.6 25.2 37.8

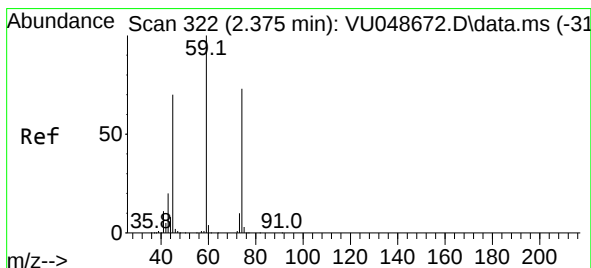
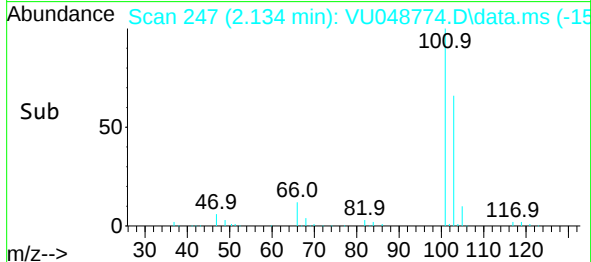
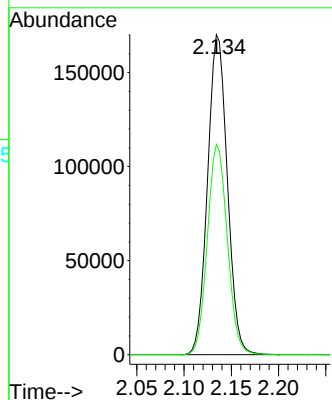
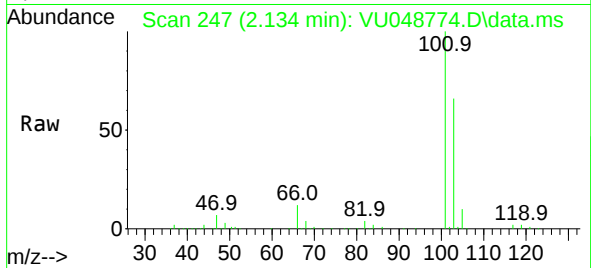




#7
 Trichlorofluoromethane
 Concen: 43.542 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

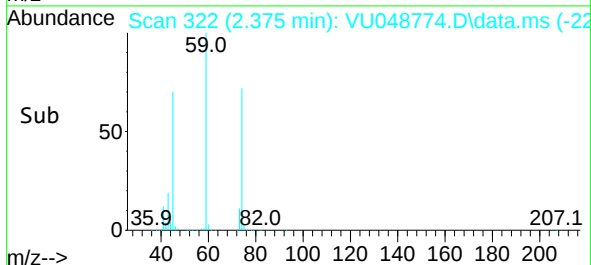
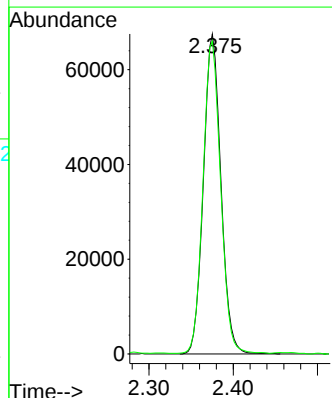
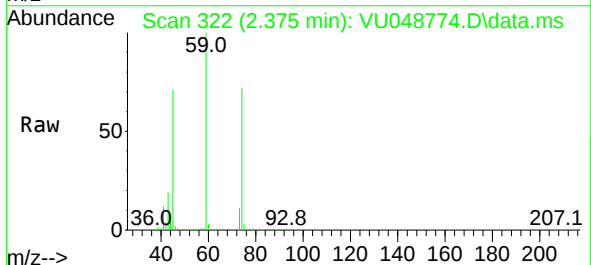
Instrument :
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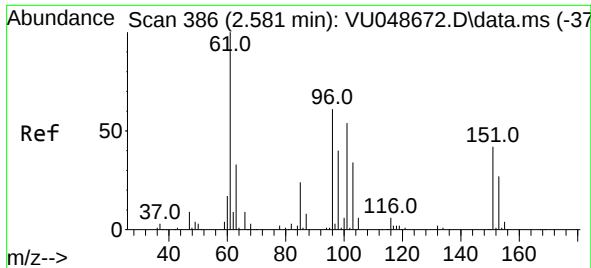
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 Ion Ratio Lower Upper
 101 100
 103 65.7 51.0 76.4



#8
 Diethyl Ether
 Concen: 46.735 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 97952
 Ion Ratio Lower Upper
 74 100
 45 97.9 47.7 143.1

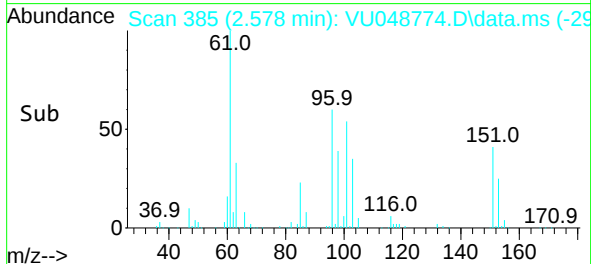
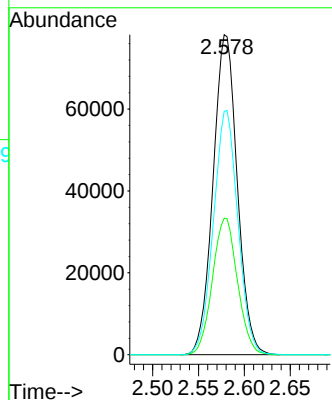
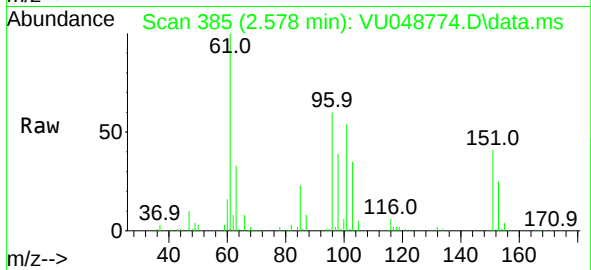




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.240 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU048774.D
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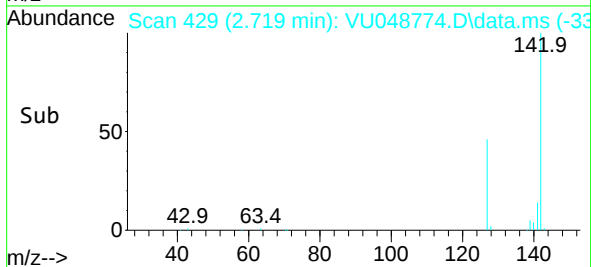
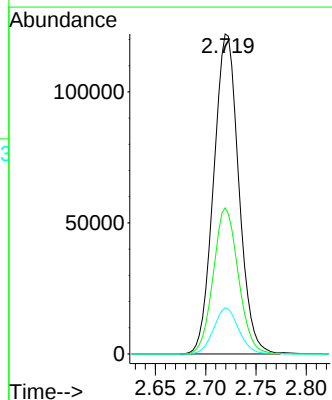
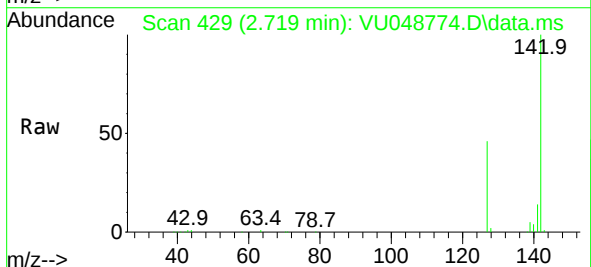
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

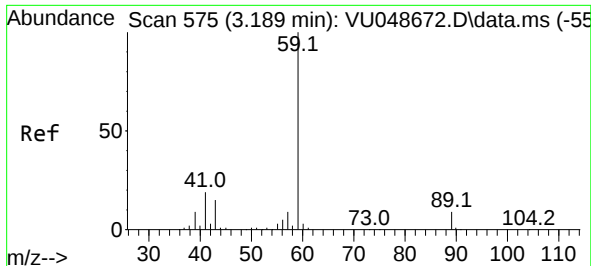
Tgt Ion:101 Resp: 143758
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.2
151 77.3 62.5 93.7



#10
Methyl Iodide
Concen: 46.118 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion:142 Resp: 211829
Ion Ratio Lower Upper
142 100
127 45.7 38.4 57.6
141 14.4 11.5 17.3

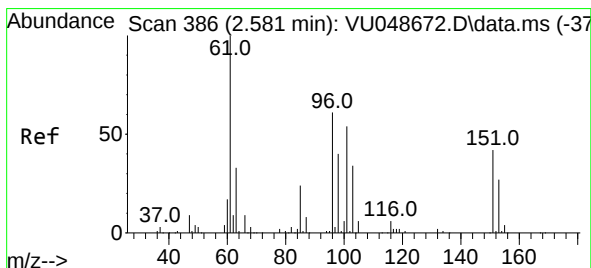
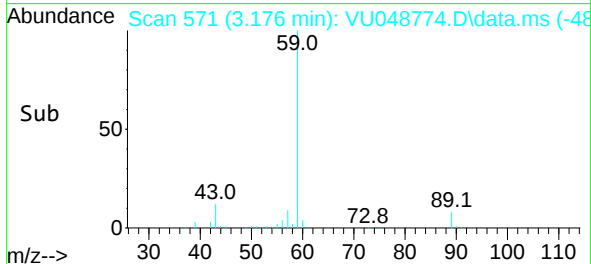
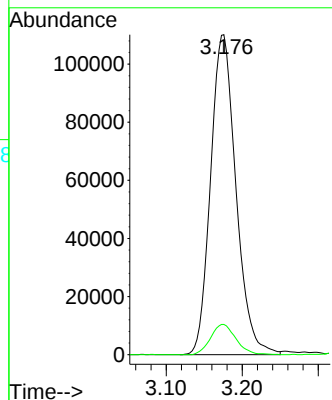
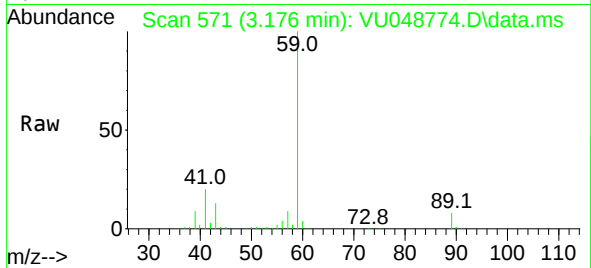




#11
Tert butyl alcohol
Concen: 230.216 ug/l
RT: 3.176 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

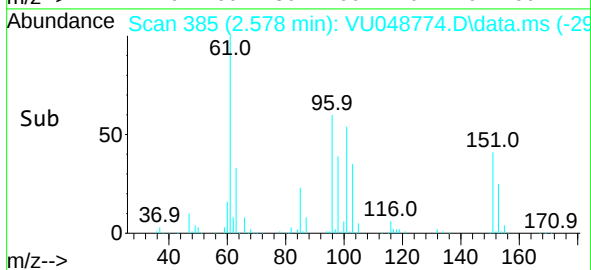
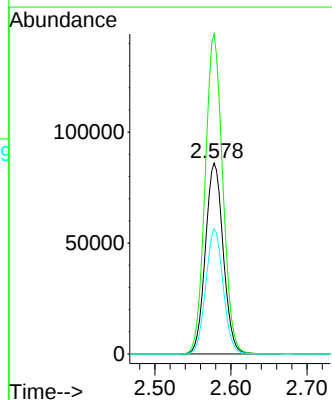
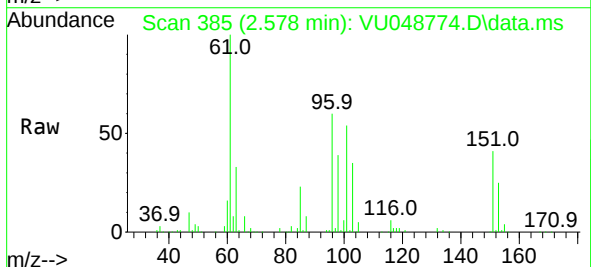
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 255388
Ion Ratio Lower Upper
59 100
57 9.5 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 47.358 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 96 Resp: 140435
Ion Ratio Lower Upper
96 100
61 167.7 131.1 196.7
98 65.6 51.8 77.8

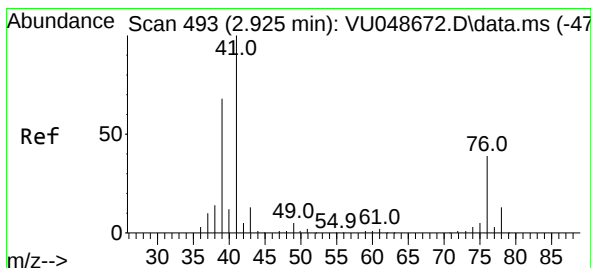
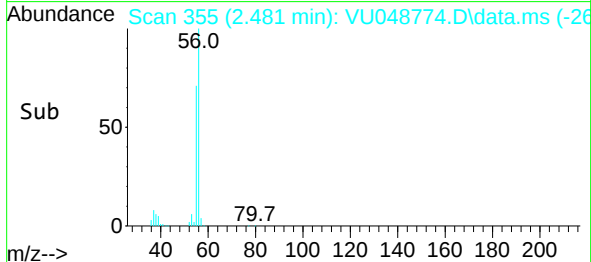
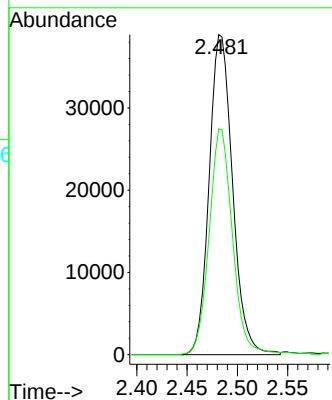
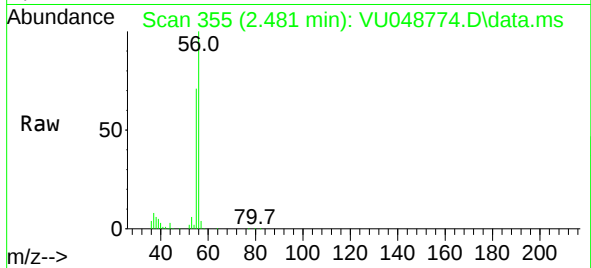




#13
Acrolein
Concen: 170.129 ug/l
RT: 2.481 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

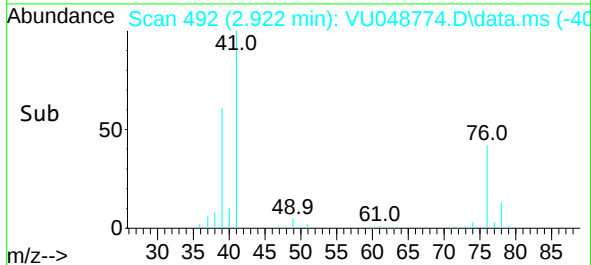
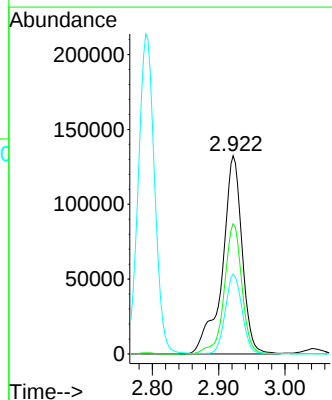
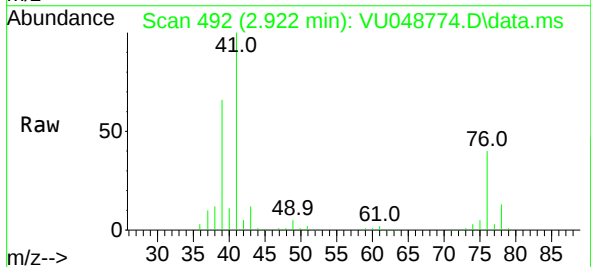
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

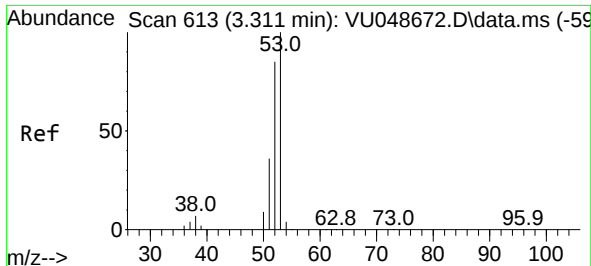
Tgt Ion: 56 Resp: 63042
Ion Ratio Lower Upper
56 100
55 70.2 57.7 86.5



#14
Allyl chloride
Concen: 48.049 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 41 Resp: 275973
Ion Ratio Lower Upper
41 100
39 58.0 48.6 72.8
76 33.8 27.0 40.4

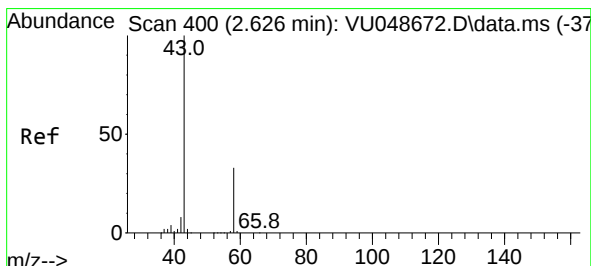
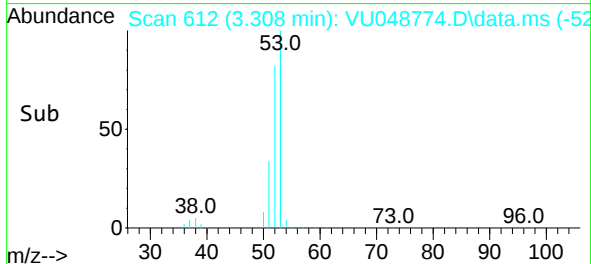
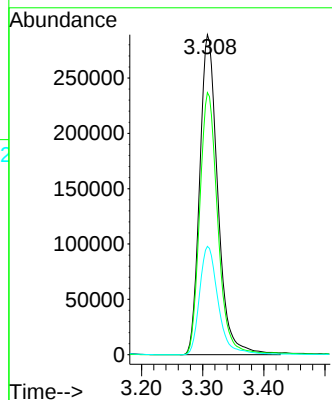
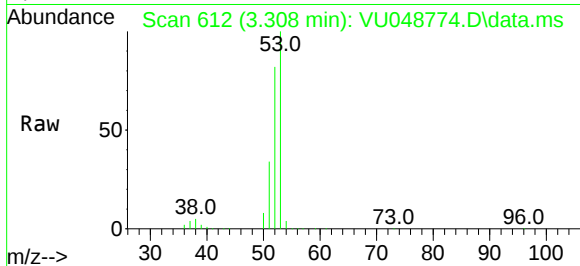




#15
Acrylonitrile
Concen: 247.409 ug/l
RT: 3.308 min Scan# 613
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

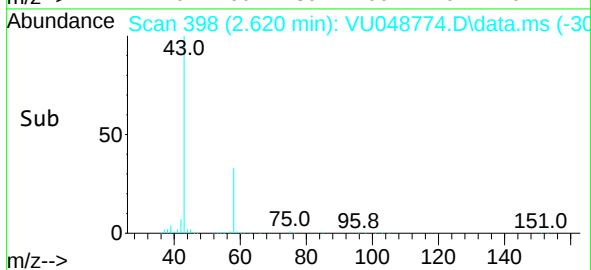
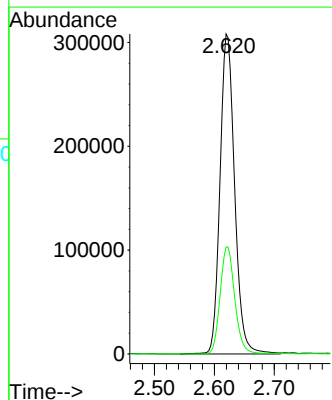
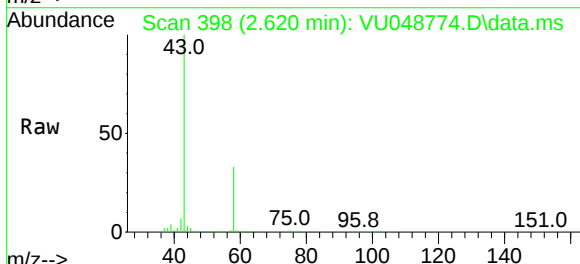
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

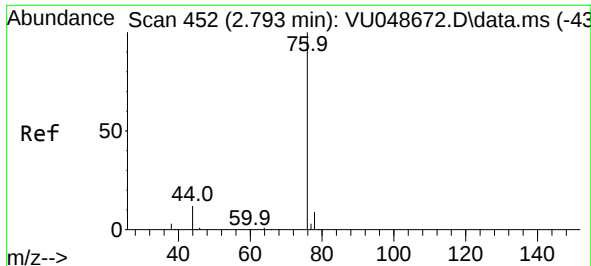
Tgt Ion:	53	Resp:	595257
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.3	99.5
51	35.2	28.6	42.8



#16
Acetone
Concen: 232.695 ug/l
RT: 2.620 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion:	43	Resp:	518895
Ion	Ratio	Lower	Upper
43	100		
58	33.3	26.3	39.5

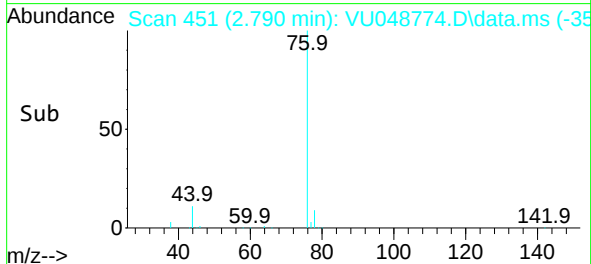
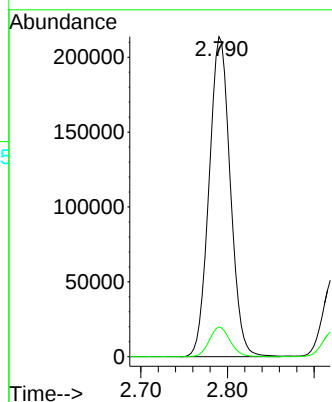
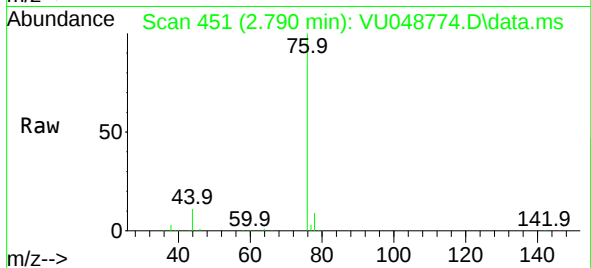




#17
Carbon Disulfide
Concen: 42.052 ug/l
RT: 2.790 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

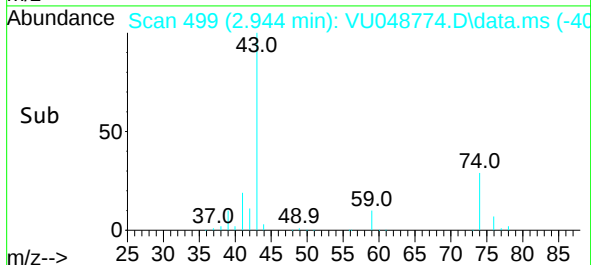
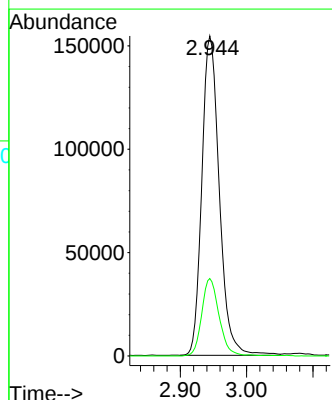
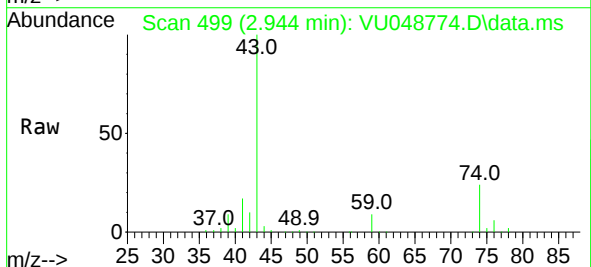
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 364030
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 50.525 ug/l
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 43 Resp: 282879
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 49.106 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

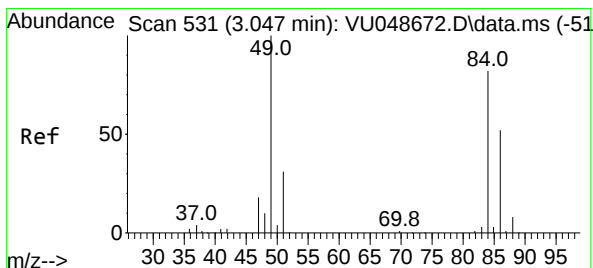
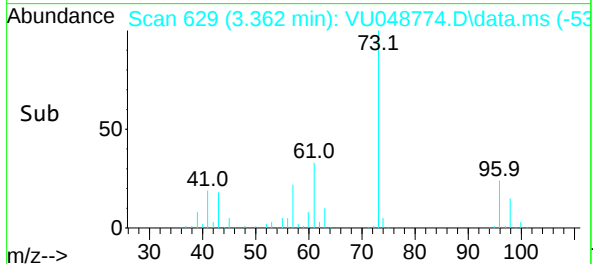
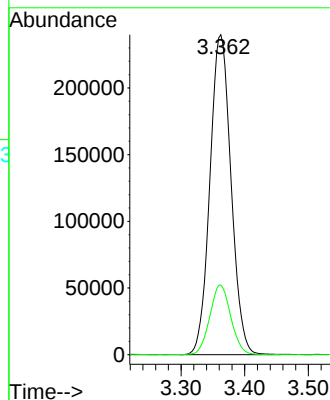
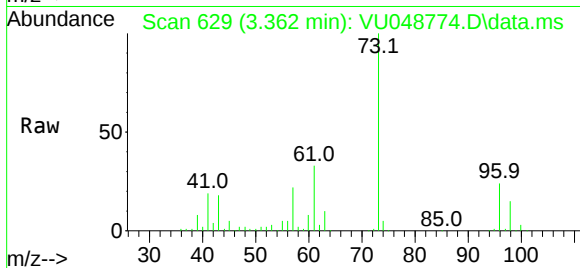
VSTDCCC050

Tgt Ion: 73 Resp: 552531

Ion Ratio Lower Upper

73 100

57 21.7 17.1 25.7



#20

Methylene Chloride

Concen: 46.043 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Tgt Ion: 84 Resp: 174598

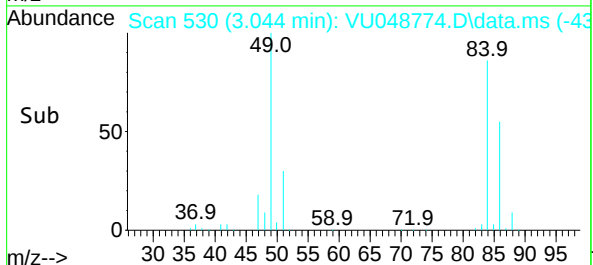
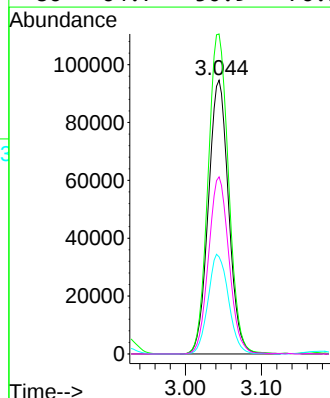
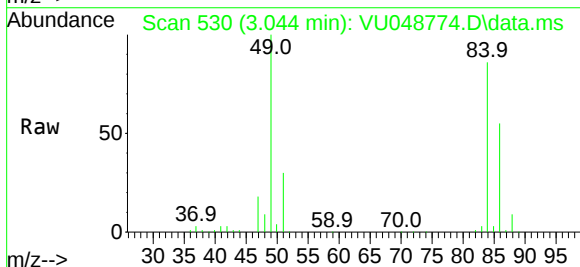
Ion Ratio Lower Upper

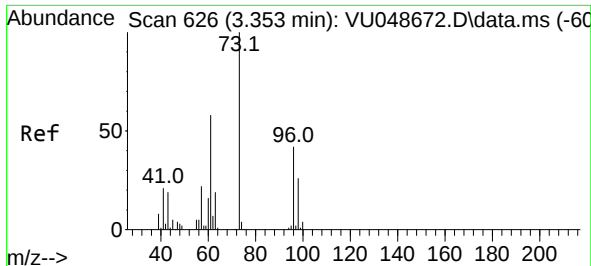
84 100

49 116.9 97.0 145.4

51 35.5 29.8 44.8

86 64.7 50.9 76.3

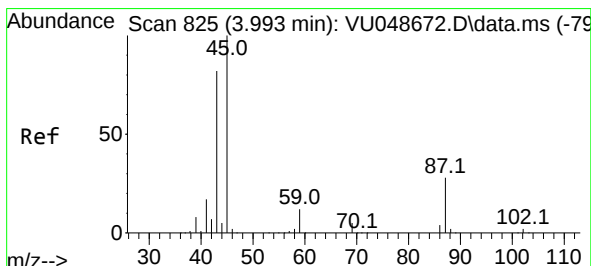
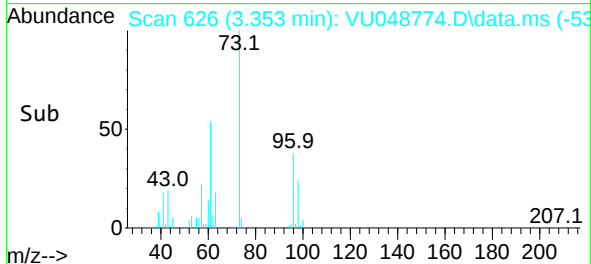
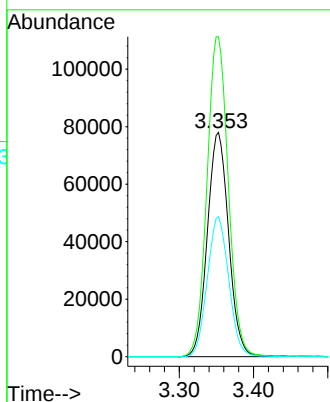
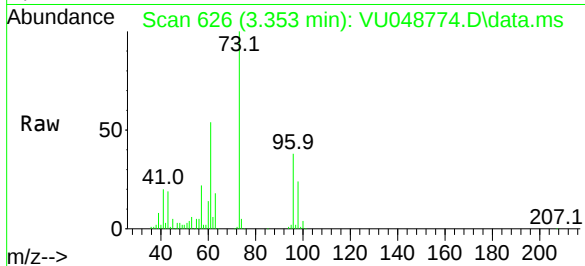




#21
trans-1,2-Dichloroethene
Concen: 45.662 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

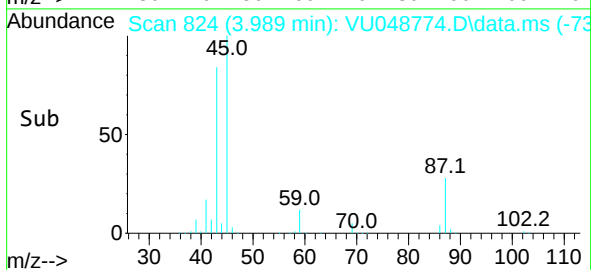
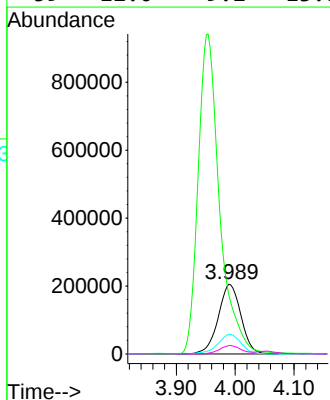
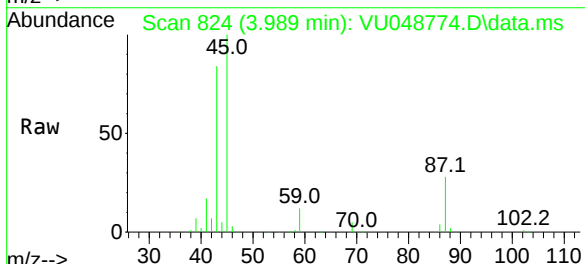
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

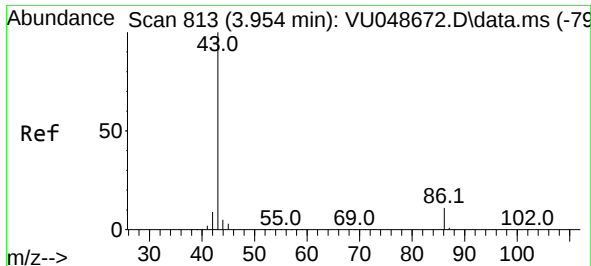
Tgt Ion: 96 Resp: 154889
Ion Ratio Lower Upper
96 100
61 142.6 109.4 164.2
98 62.4 48.9 73.3



#22
Diisopropyl ether
Concen: 51.836 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 45 Resp: 549183
Ion Ratio Lower Upper
45 100
43 84.3 65.2 97.8
87 28.2 22.7 34.1
59 12.0 9.2 13.8

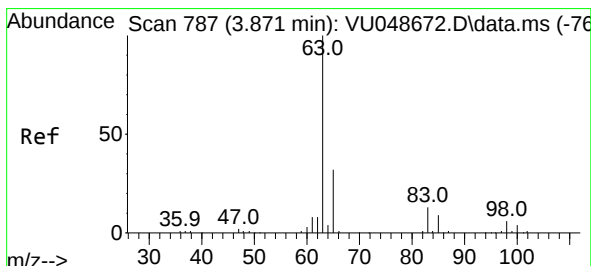
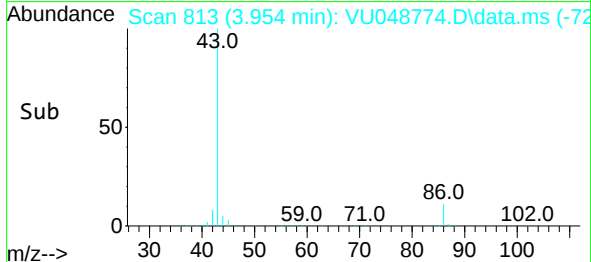
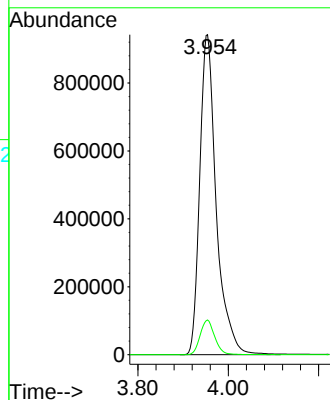
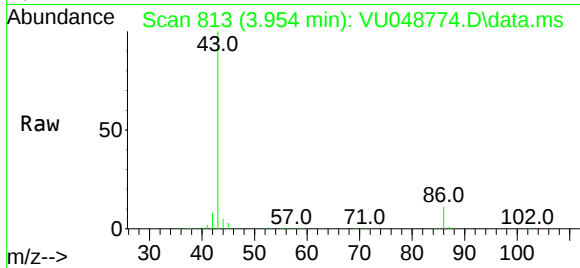




#23
 Vinyl Acetate
 Concen: 260.293 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

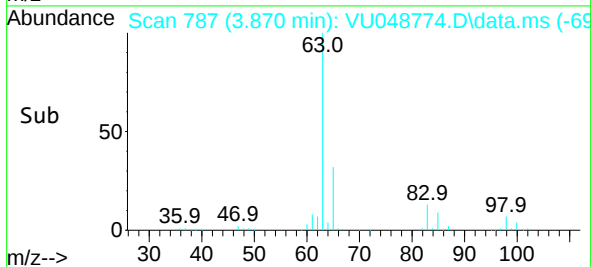
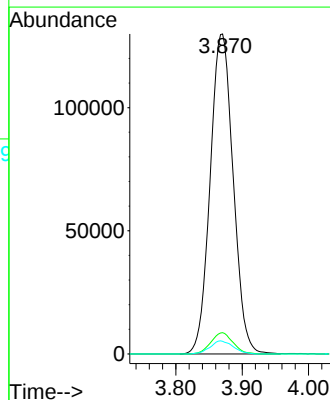
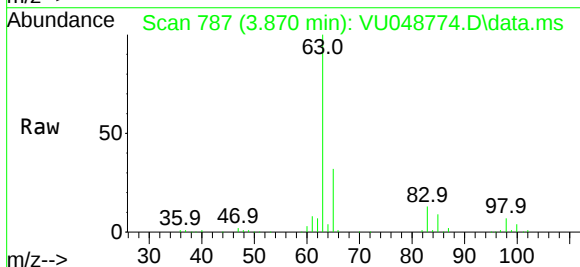
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

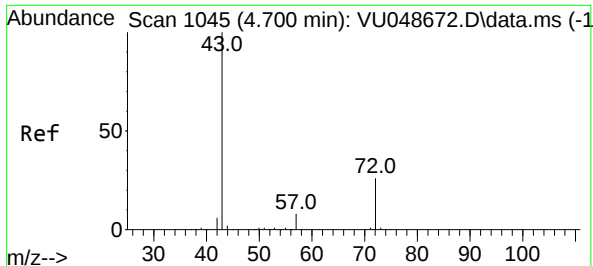
Tgt Ion: 43 Resp: 2389320
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 47.082 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

Tgt Ion: 63 Resp: 313283
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.3
 100 4.0 2.0 5.8

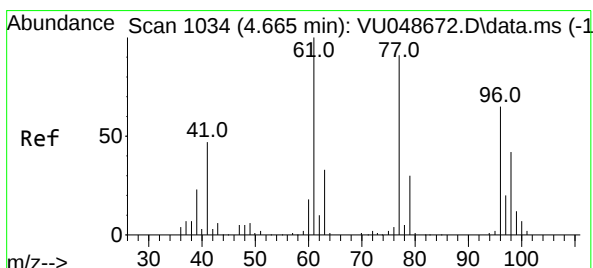
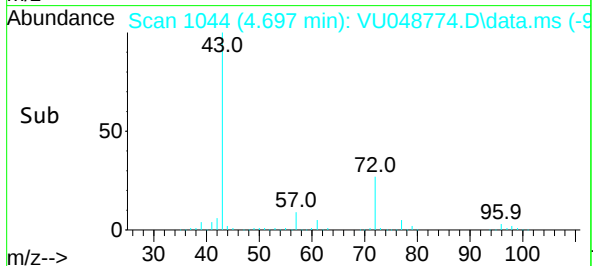
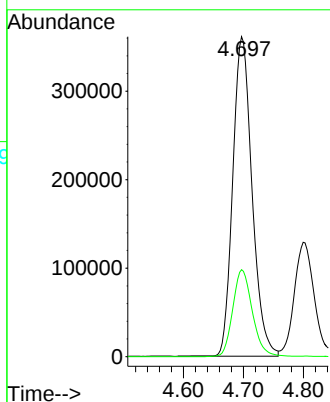
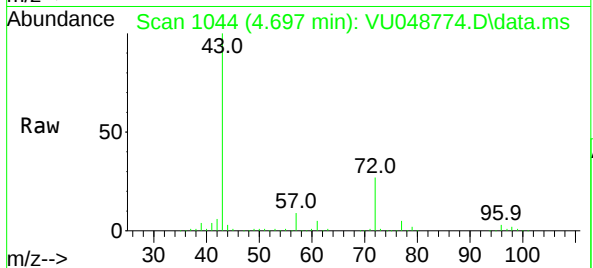




#25
2-Butanone
Concen: 252.235 ug/l
RT: 4.697 min Scan# 1044
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

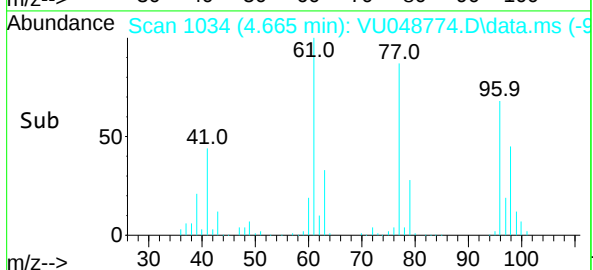
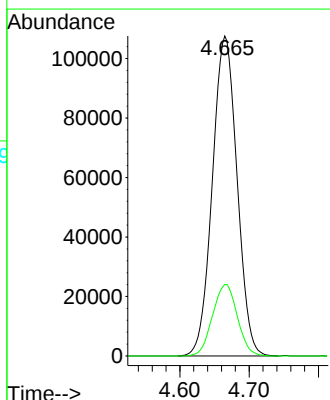
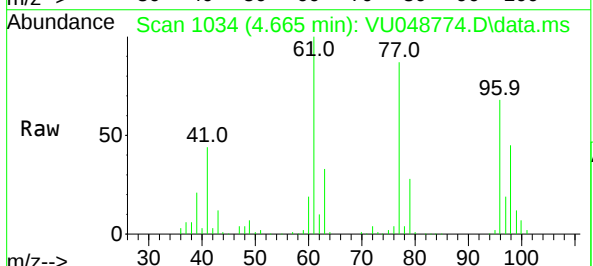
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

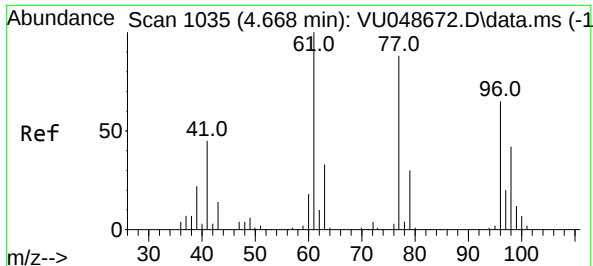
Tgt Ion: 43 Resp: 808036
Ion Ratio Lower Upper
43 100
72 27.2 21.1 31.7



#26
2,2-Dichloropropane
Concen: 44.596 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 77 Resp: 266218
Ion Ratio Lower Upper
77 100
97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 47.386 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

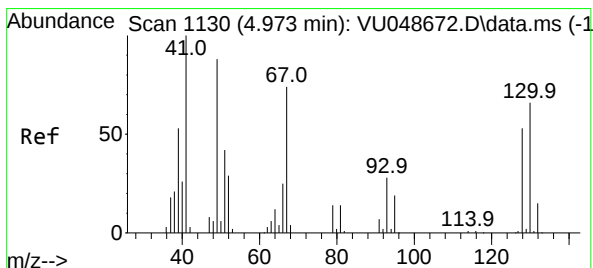
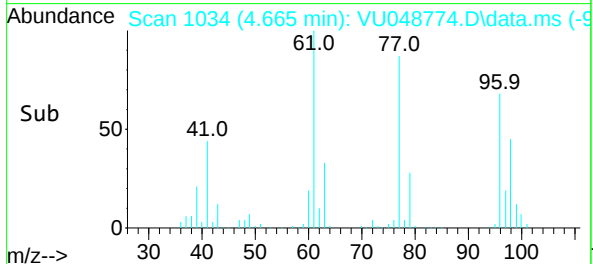
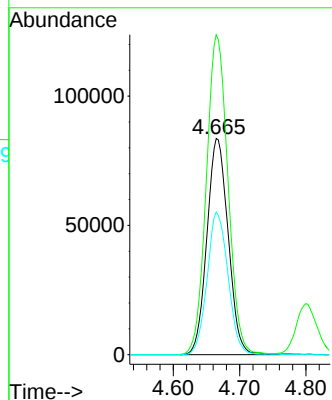
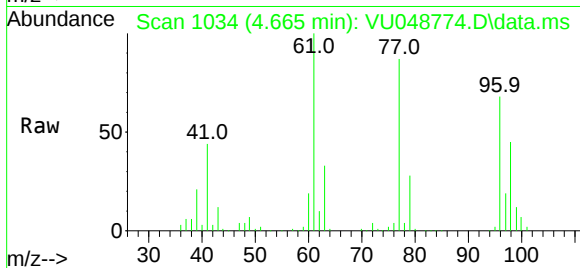
Tgt Ion: 96 Resp: 186053

Ion Ratio Lower Upper

96 100

61 150.3 0.0 306.2

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 50.119 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

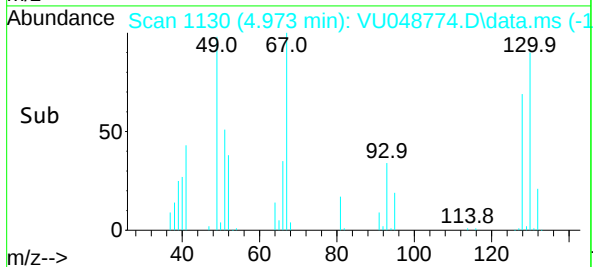
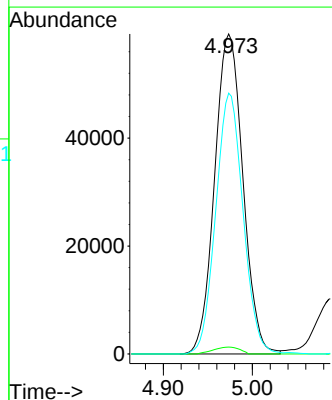
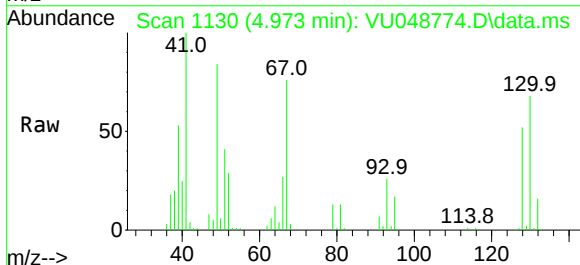
Tgt Ion: 49 Resp: 130807

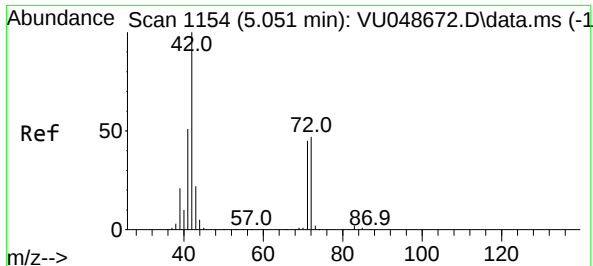
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 78.7 62.1 93.1

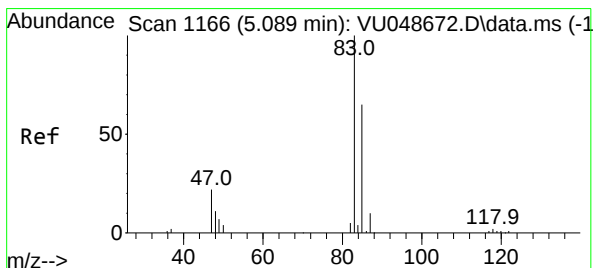
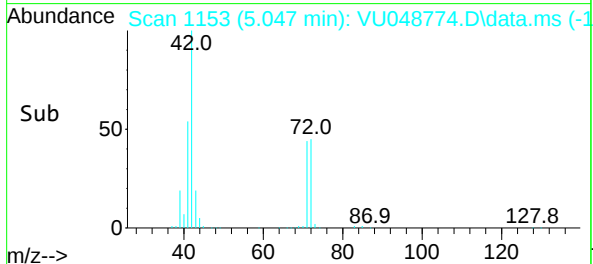
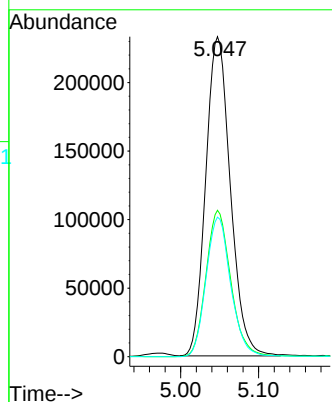
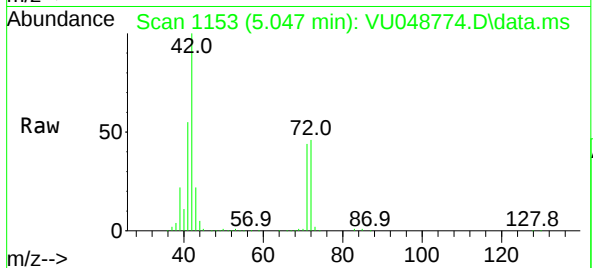




#29
Tetrahydrofuran
Concen: 253.207 ug/l
RT: 5.047 min Scan# 1153
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

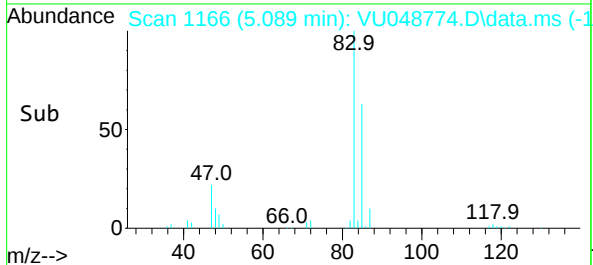
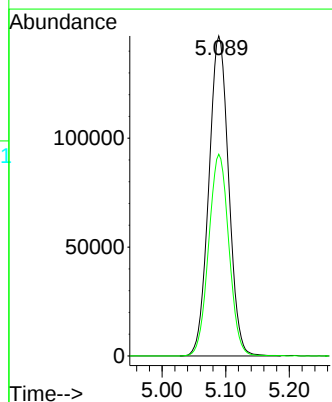
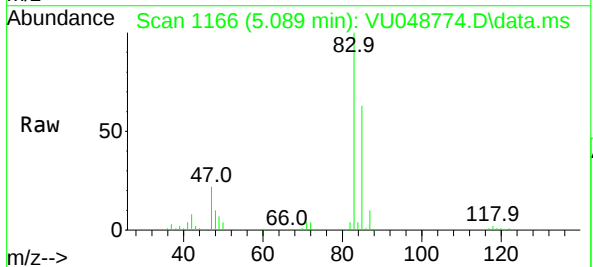
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

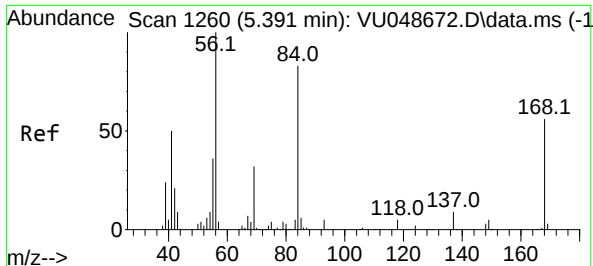
Tgt Ion: 42 Resp: 510937
Ion Ratio Lower Upper
42 100
72 46.3 37.6 56.4
71 44.0 35.0 52.4



#30
Chloroform
Concen: 47.760 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 83 Resp: 317983
Ion Ratio Lower Upper
83 100
85 63.0 52.2 78.2





#31

Cyclohexane

Concen: 47.683 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

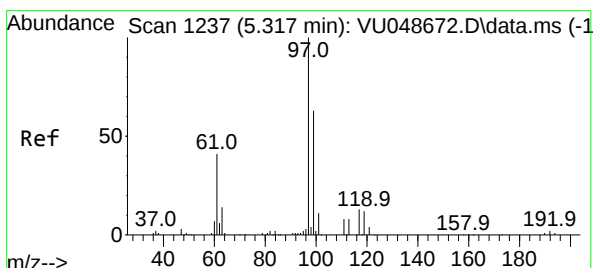
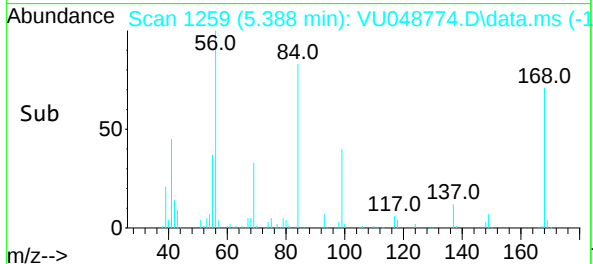
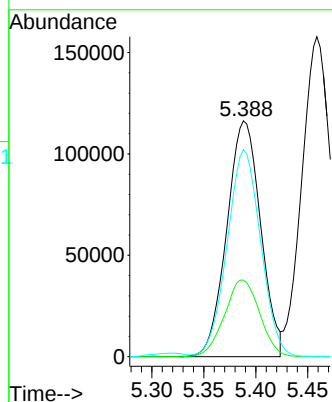
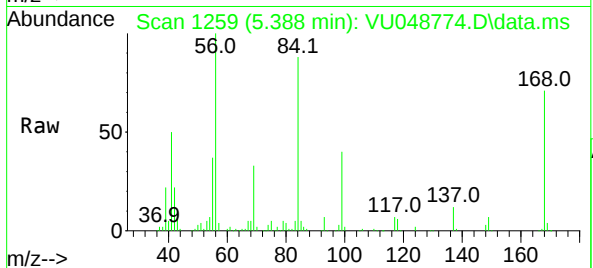
Tgt Ion: 56 Resp: 262937

Ion Ratio Lower Upper

56 100

69 32.5 25.6 38.4

84 86.6 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 45.261 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

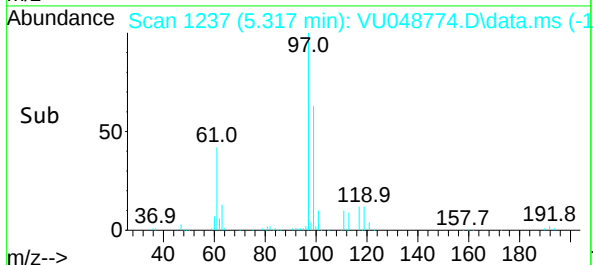
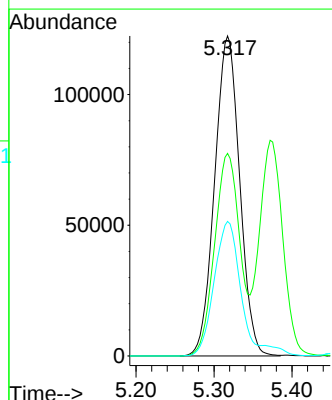
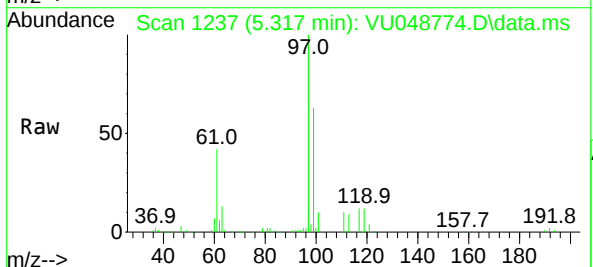
Tgt Ion: 97 Resp: 273392

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 45.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.543 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

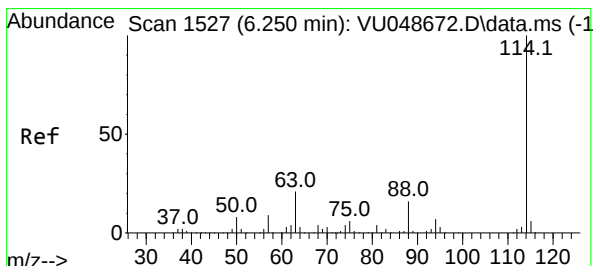
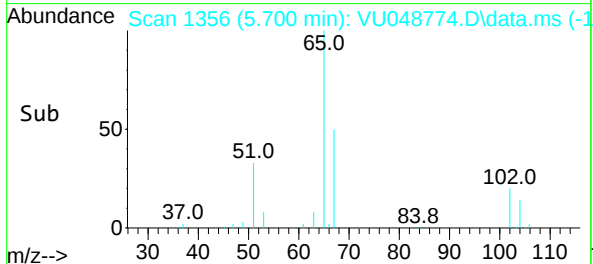
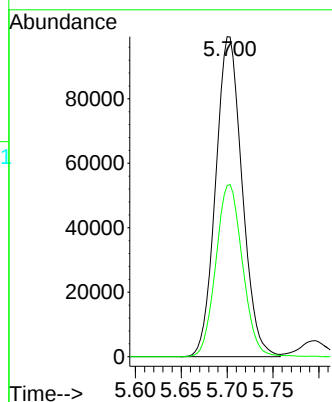
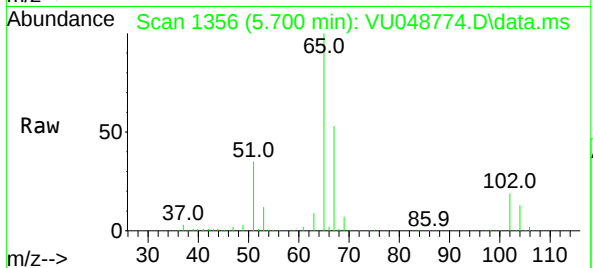
VSTDCCC050

Tgt Ion: 65 Resp: 199278

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

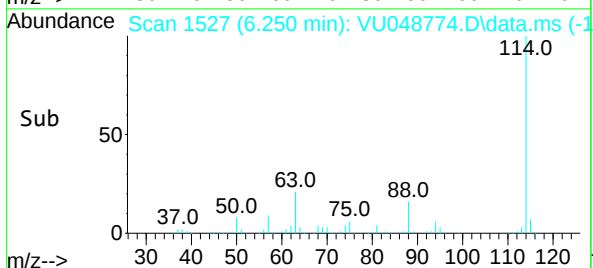
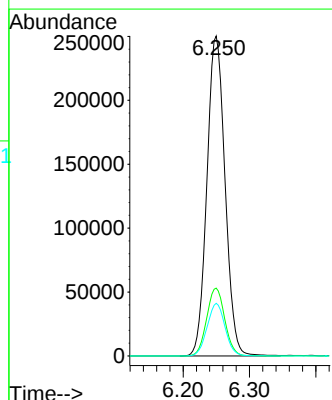
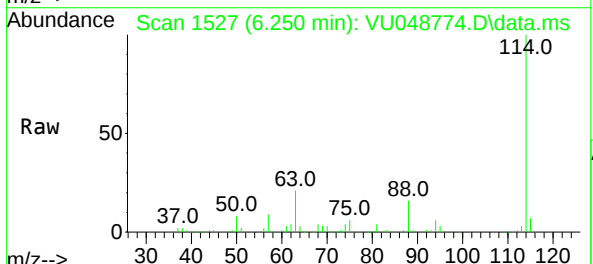
Tgt Ion: 114 Resp: 474939

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

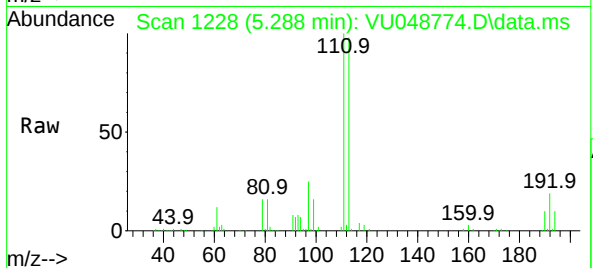
88 16.4 0.0 32.2



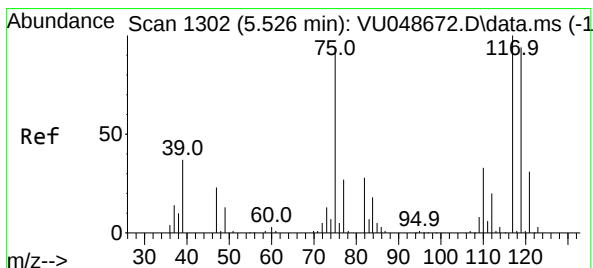
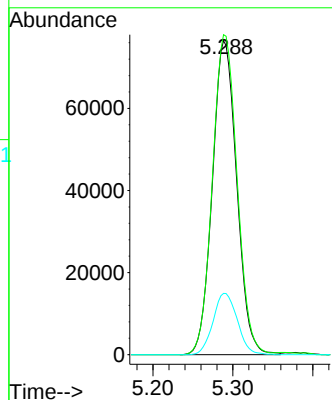
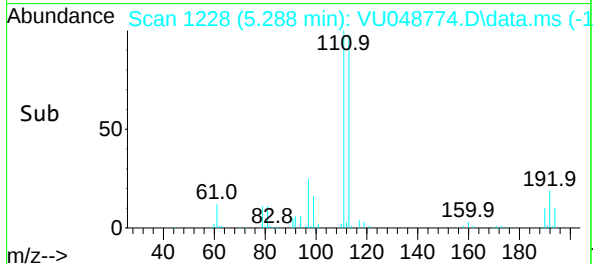


#35
Dibromofluoromethane
Concen: 47.765 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

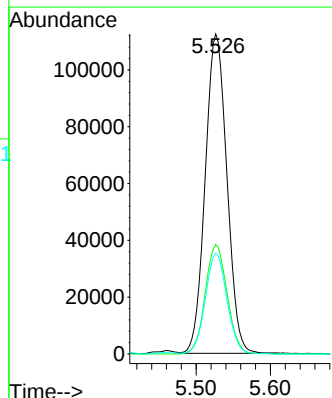
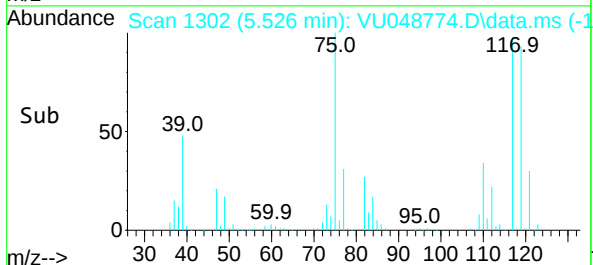
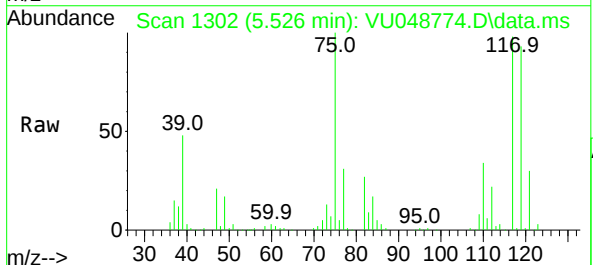


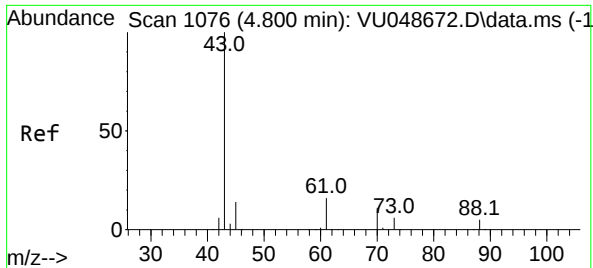
Tgt Ion:113 Resp: 161843
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 46.029 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 75 Resp: 227624
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 31.6 24.8 37.2

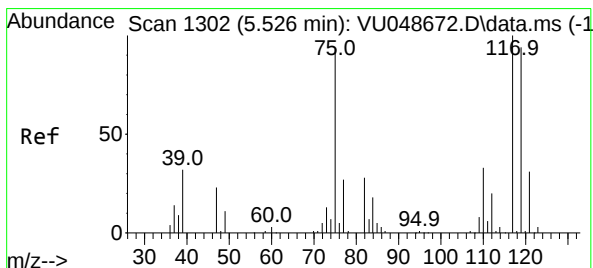
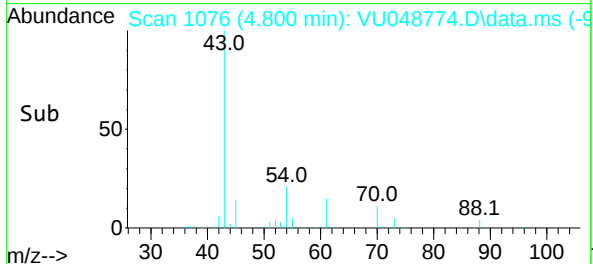
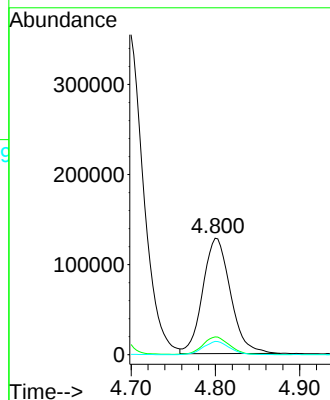
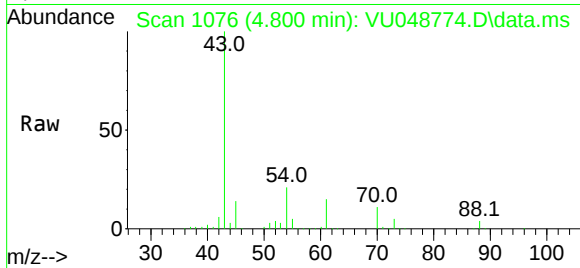




#37
Ethyl Acetate
Concen: 46.950 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

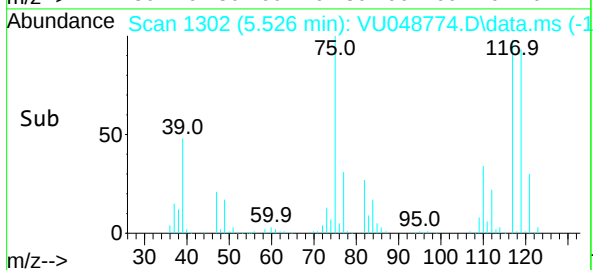
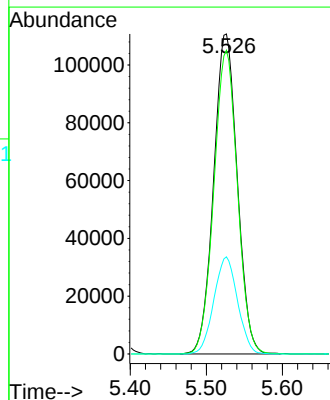
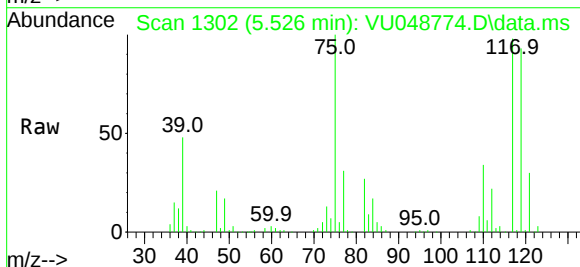
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	293516
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	10.9	8.4	12.6



#38
Carbon Tetrachloride
Concen: 42.083 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion:	117	Resp:	238757
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.4	113.2
121	30.4	24.6	36.8





#39

Methylcyclohexane

Concen: 49.887 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

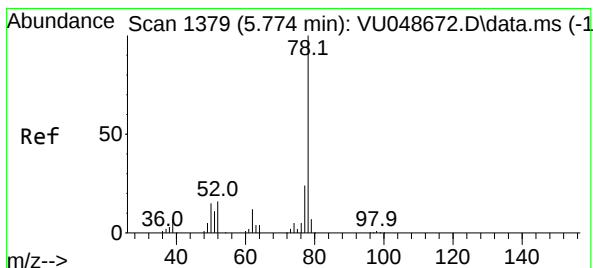
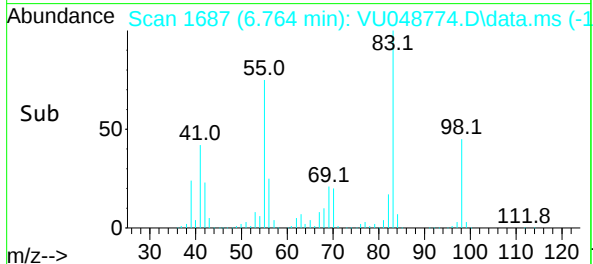
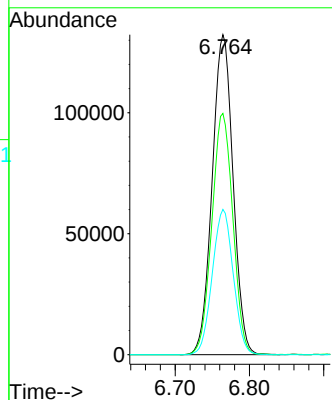
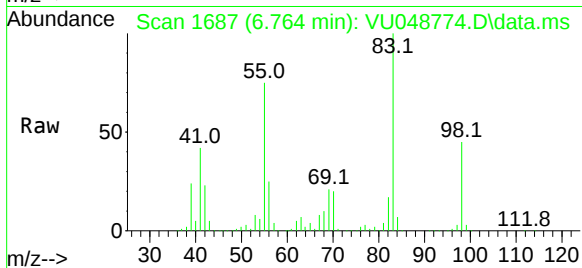
Tgt Ion: 83 Resp: 258675

Ion Ratio Lower Upper

83 100

55 75.4 61.0 91.6

98 45.4 36.8 55.2



#40

Benzene

Concen: 46.304 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048774.D

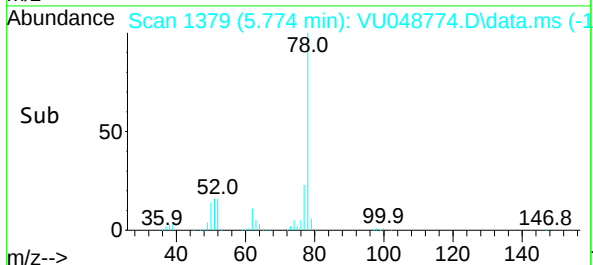
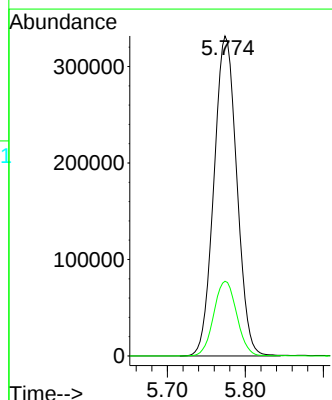
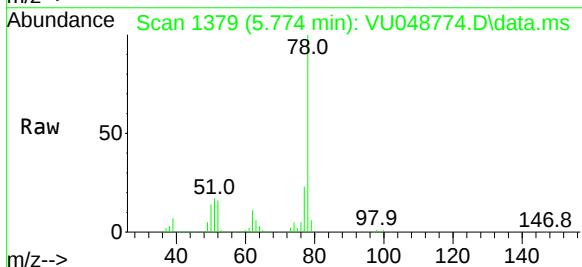
Acq: 01 Jun 2022 11:29

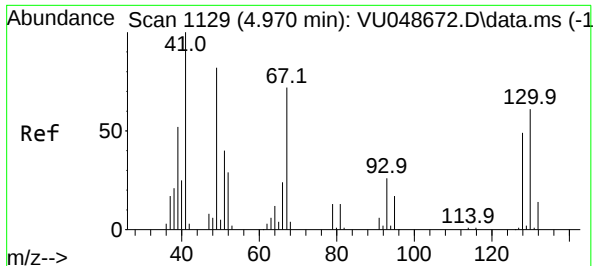
Tgt Ion: 78 Resp: 676015

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6



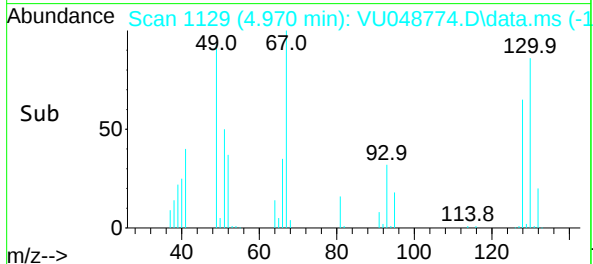
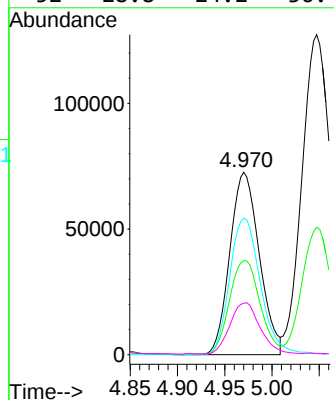
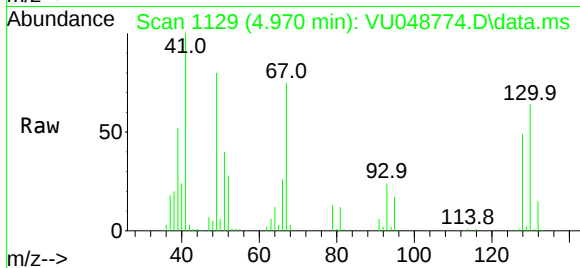


#41
Methacrylonitrile
Concen: 49.889 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 157607

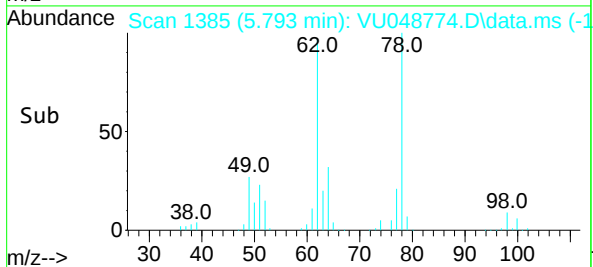
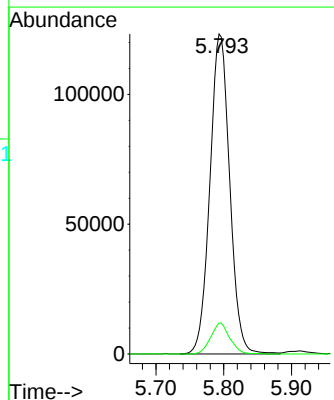
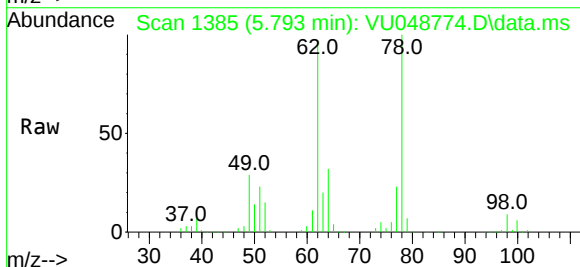
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.6	64.0
67	78.1	61.0	91.4
52	28.8	24.2	36.4

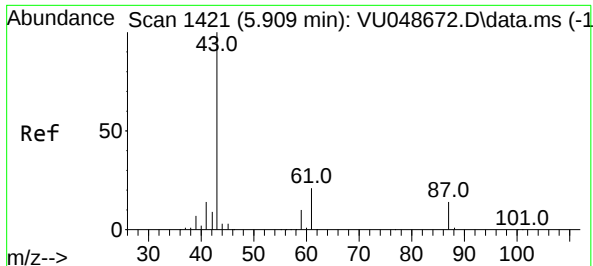


#42
1,2-Dichloroethane
Concen: 43.728 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 62 Resp: 249910

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.0

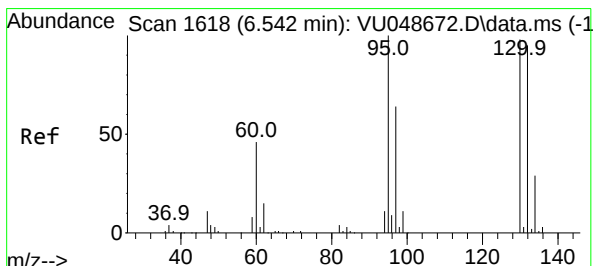
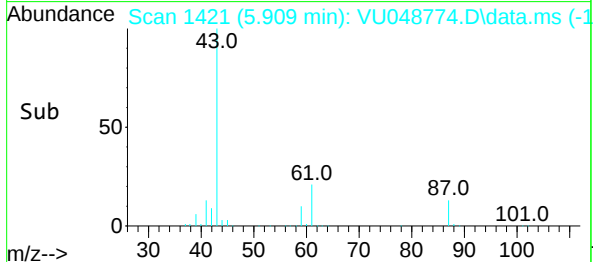
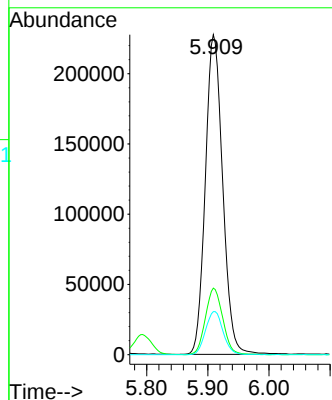
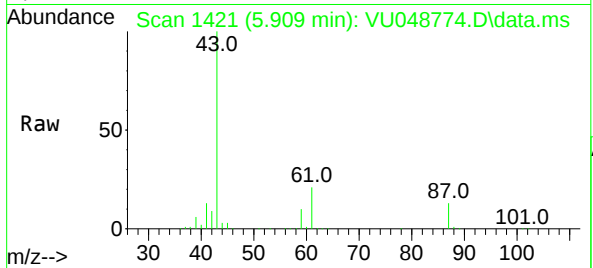




#43
Isopropyl Acetate
Concen: 49.416 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

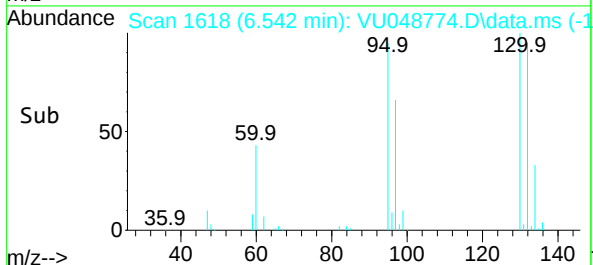
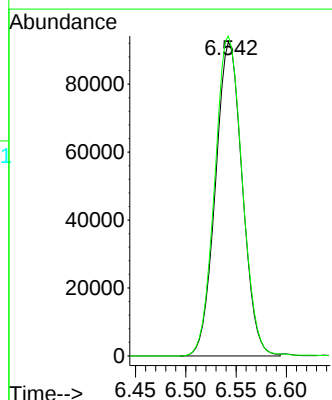
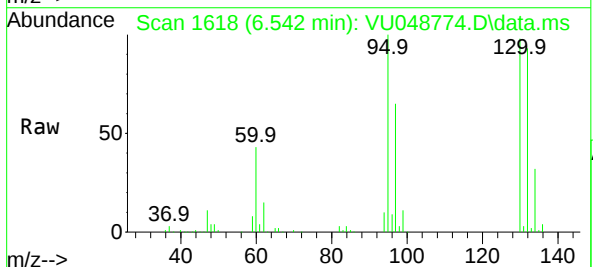
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

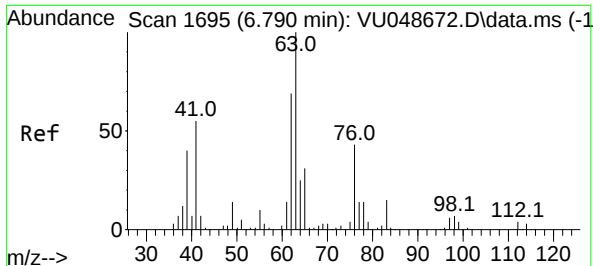
Tgt Ion: 43 Resp: 448387
Ion Ratio Lower Upper
43 100
61 20.8 16.7 25.1
87 13.6 10.9 16.3



#44
Trichloroethene
Concen: 45.635 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion:130 Resp: 171649
Ion Ratio Lower Upper
130 100
95 101.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 51.077 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

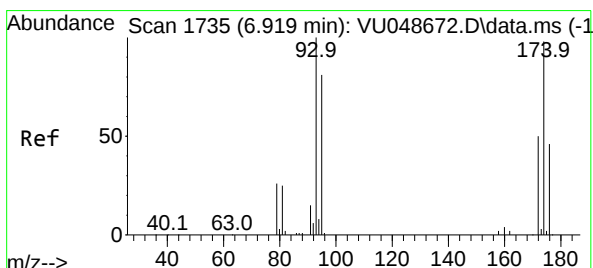
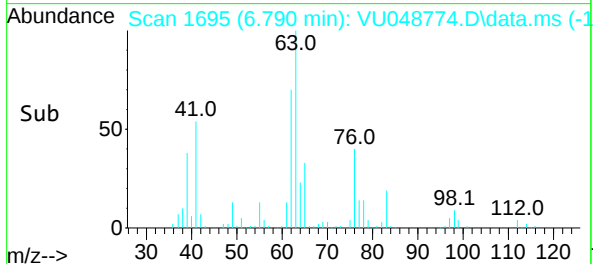
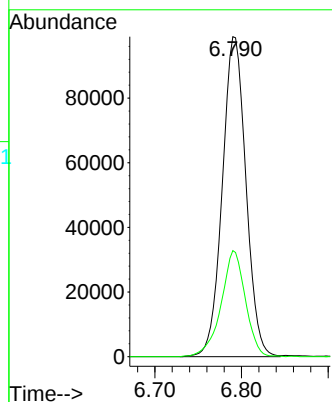
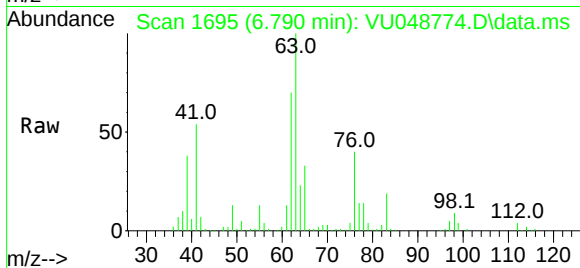
VSTDCCC050

Tgt Ion: 63 Resp: 187733

Ion Ratio Lower Upper

63 100

65 33.2 24.8 37.2



#46

Dibromomethane

Concen: 47.017 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

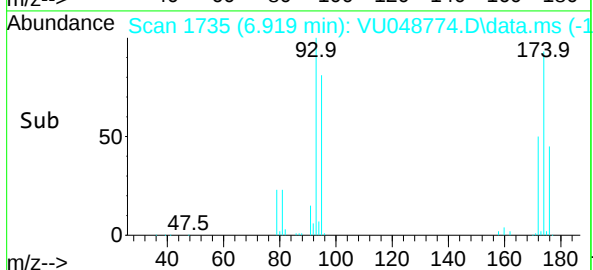
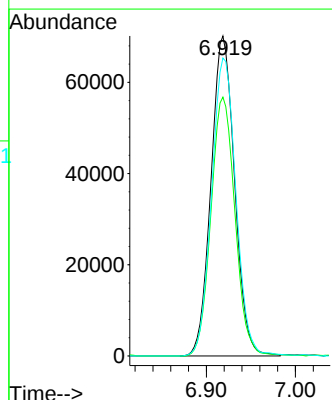
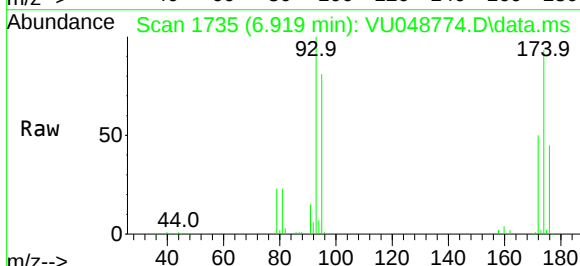
Tgt Ion: 93 Resp: 129108

Ion Ratio Lower Upper

93 100

95 82.6 65.1 97.7

174 96.0 77.8 116.6

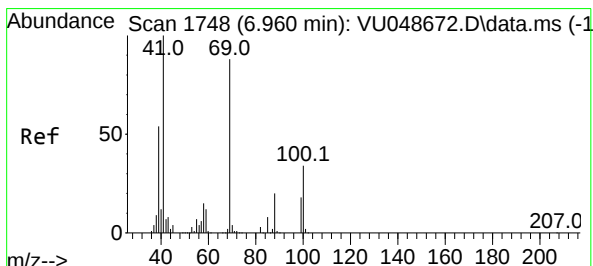
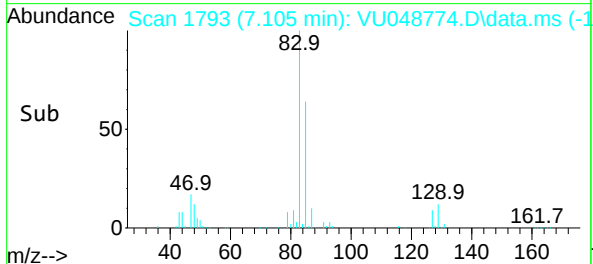
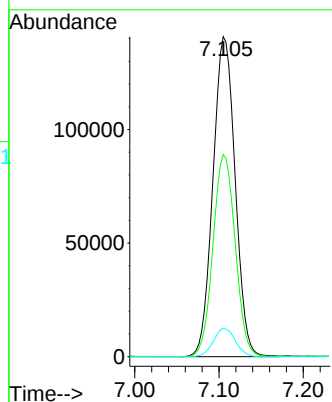
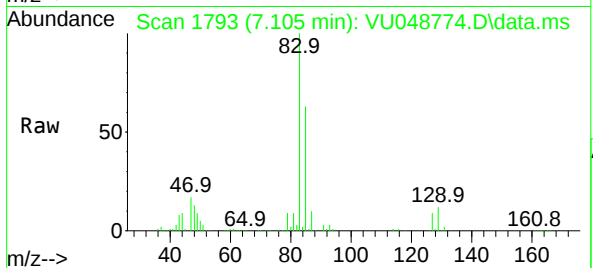




#47
Bromodichloromethane
Concen: 46.452 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

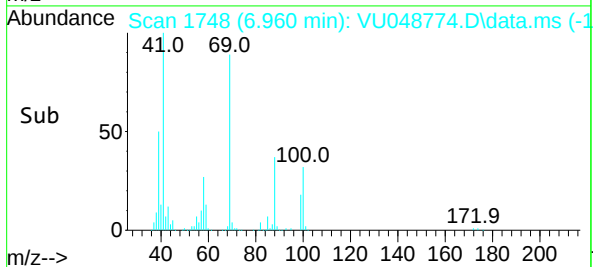
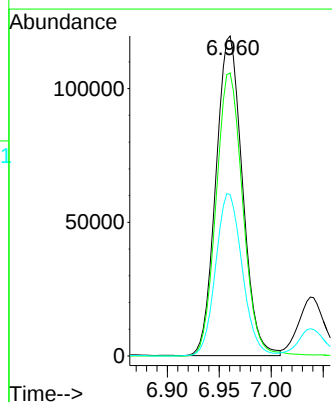
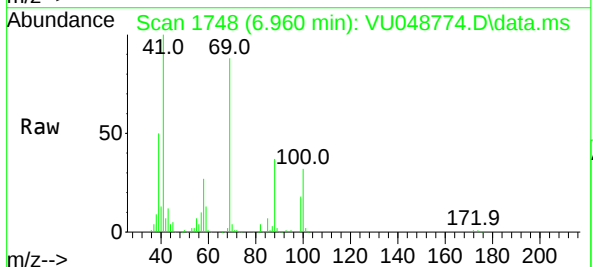
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 257955
Ion Ratio Lower Upper
83 100
85 63.1 52.1 78.1
127 8.8 6.9 10.3



#48
Methyl methacrylate
Concen: 52.169 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 41 Resp: 212502
Ion Ratio Lower Upper
41 100
69 89.1 70.7 106.1
39 50.9 43.4 65.2





#49

1,4-Dioxane

Concen: 910.849 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

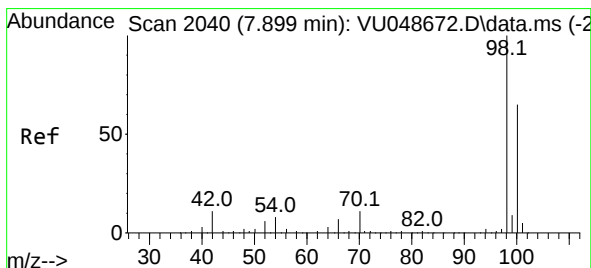
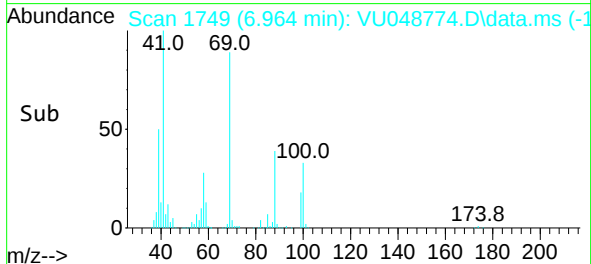
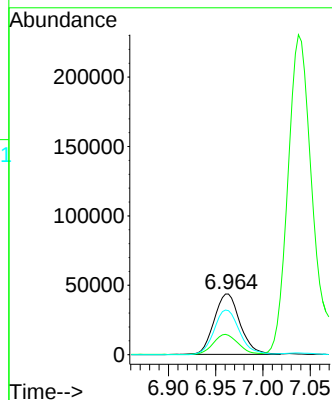
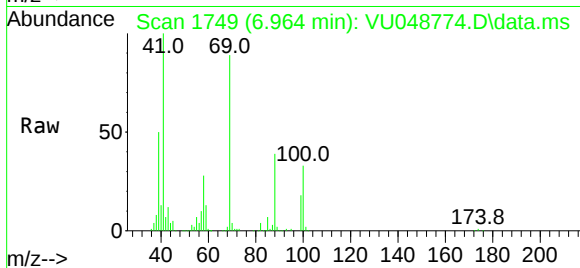
Tgt Ion: 88 Resp: 82940

Ion Ratio Lower Upper

88 100

43 32.1 24.6 36.8

58 72.8 54.7 82.1



#50

Toluene-d8

Concen: 48.514 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048774.D

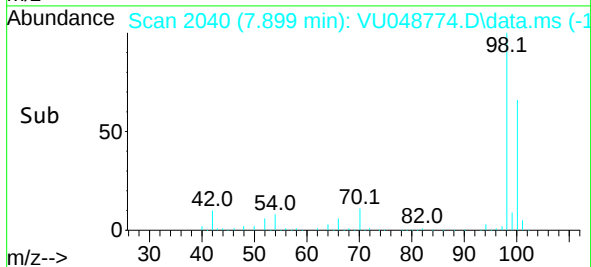
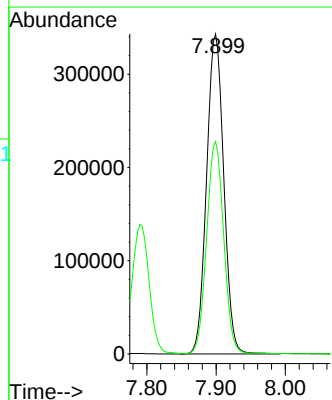
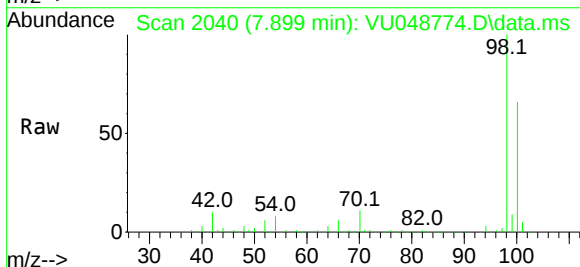
Acq: 01 Jun 2022 11:29

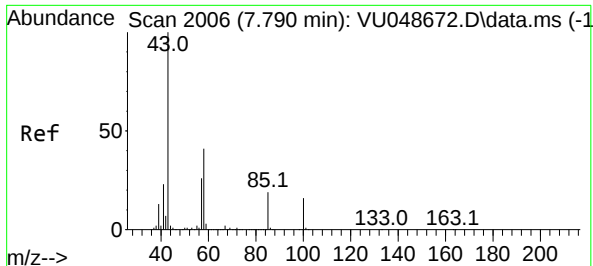
Tgt Ion: 98 Resp: 589241

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 260.299 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

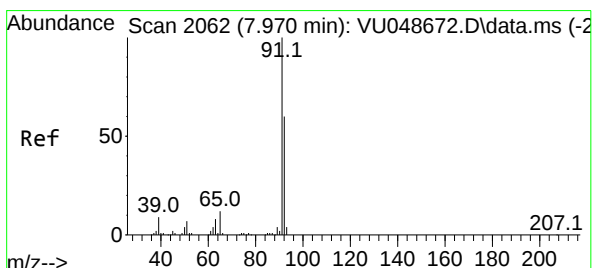
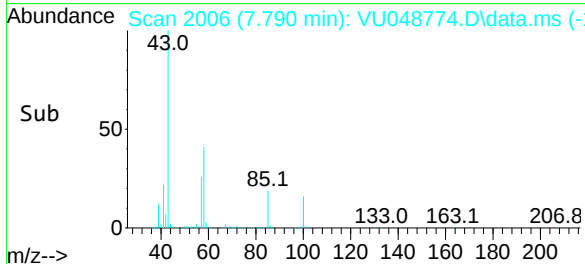
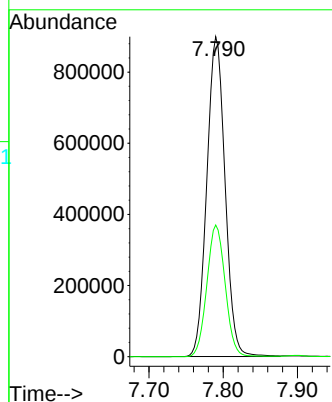
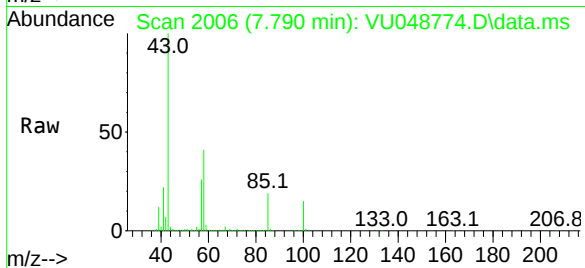
VSTDCCC050

Tgt Ion: 43 Resp: 1533621

Ion Ratio Lower Upper

43 100

58 41.4 32.7 49.1



#52

Toluene

Concen: 48.458 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048774.D

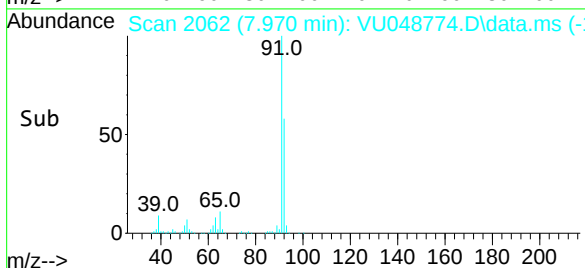
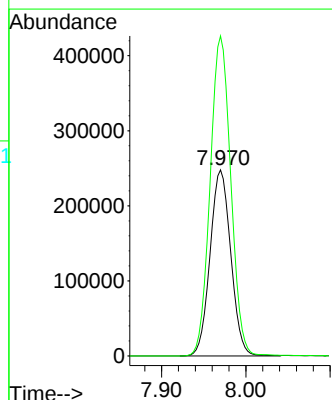
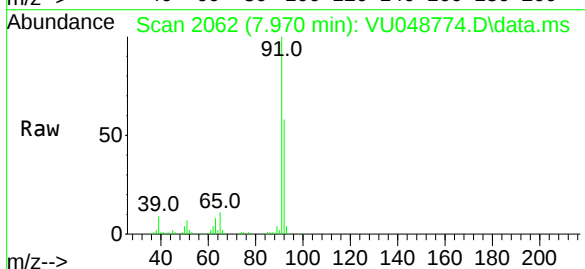
Acq: 01 Jun 2022 11:29

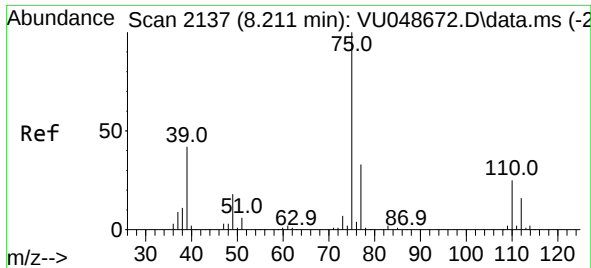
Tgt Ion: 92 Resp: 423168

Ion Ratio Lower Upper

92 100

91 171.7 135.0 202.4

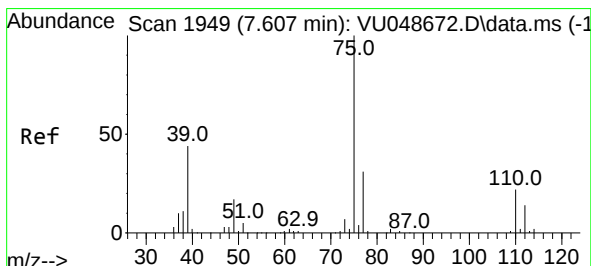
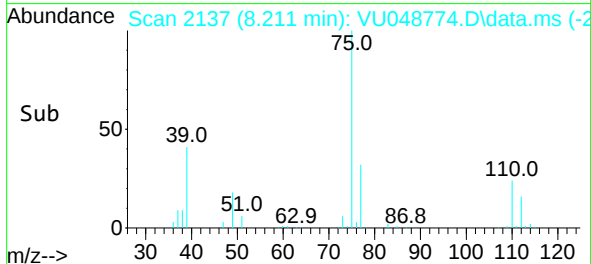
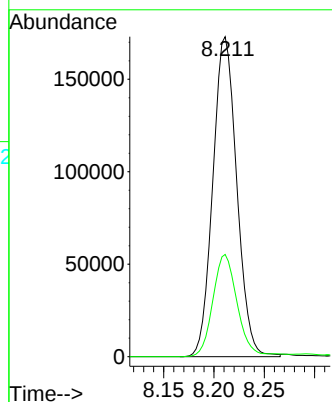
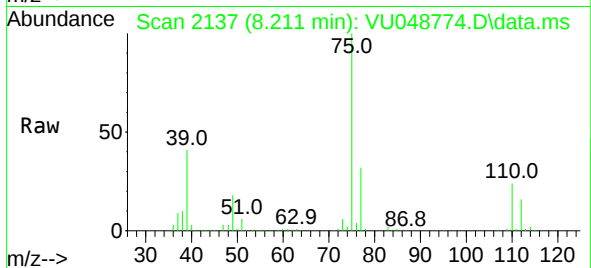




#53
 t-1,3-Dichloropropene
 Concen: 47.865 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

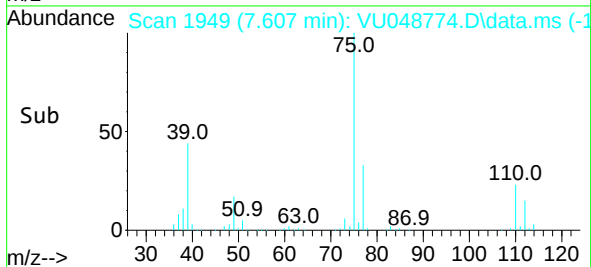
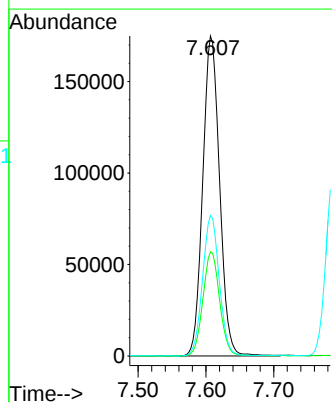
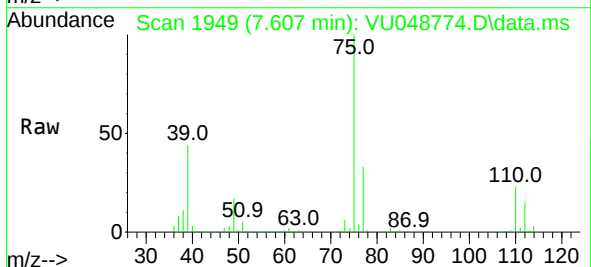
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

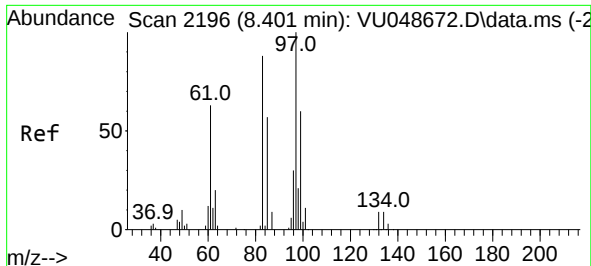
Tgt Ion: 75 Resp: 286727
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.605 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

Tgt Ion: 75 Resp: 301709
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.9 37.3
 39 43.9 35.2 52.8



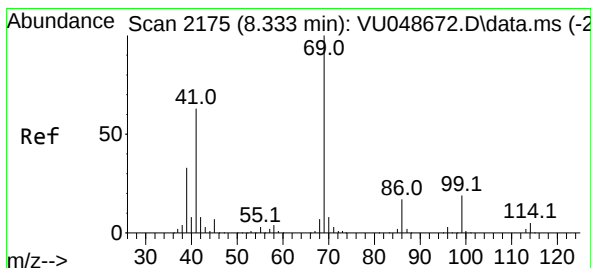
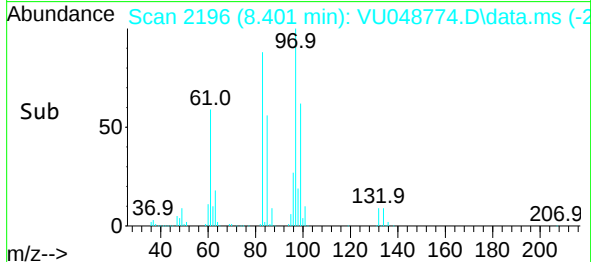
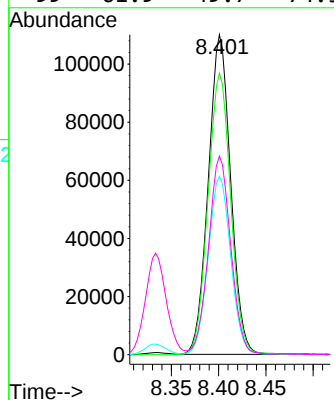
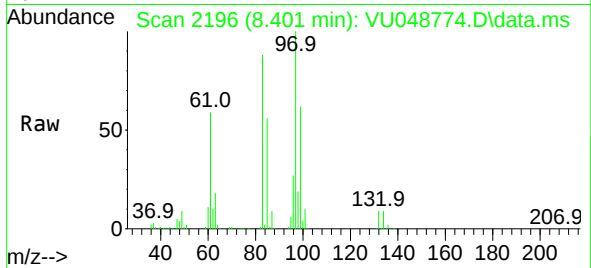


#55
1,1,2-Trichloroethane
Concen: 46.931 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 180878

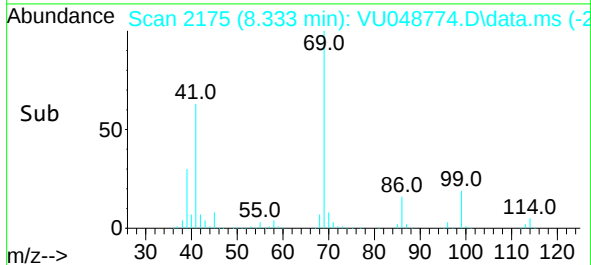
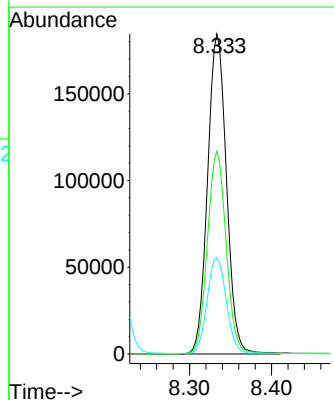
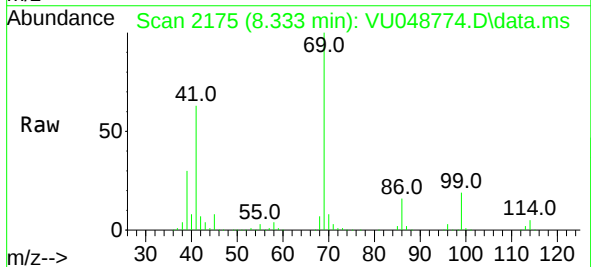
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.2	105.4
85	55.6	45.6	68.4
99	61.9	49.7	74.5

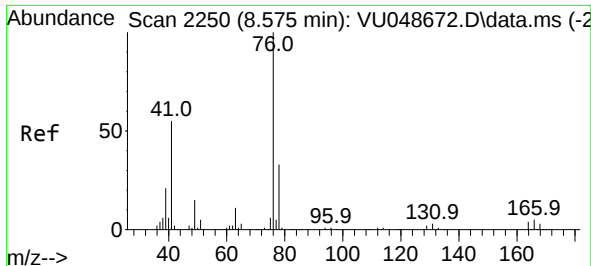


#56
Ethyl methacrylate
Concen: 48.488 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 69 Resp: 294797

Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.6	76.0
39	30.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 48.521 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

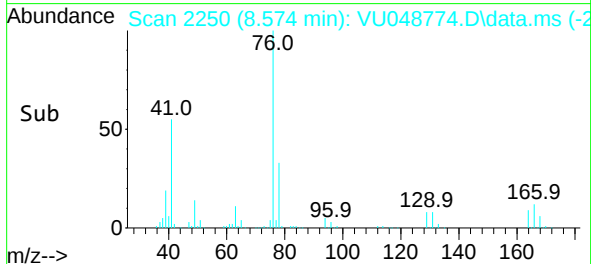
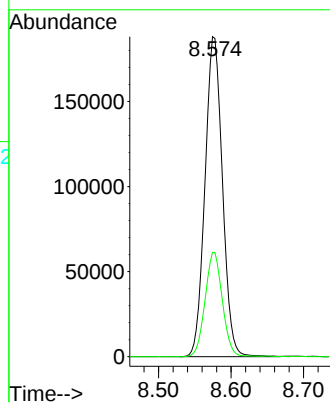
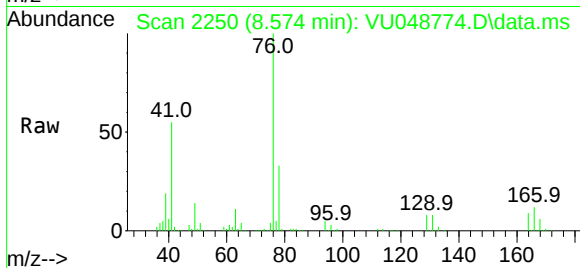
VSTDCCC050

Tgt Ion: 76 Resp: 314740

Ion Ratio Lower Upper

76 100

78 32.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 214.009 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048774.D

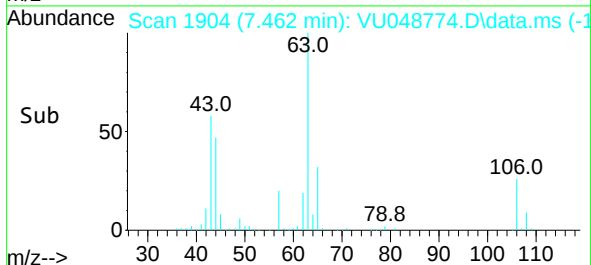
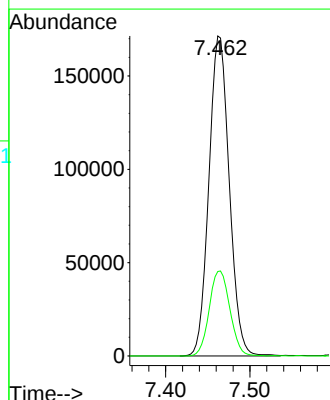
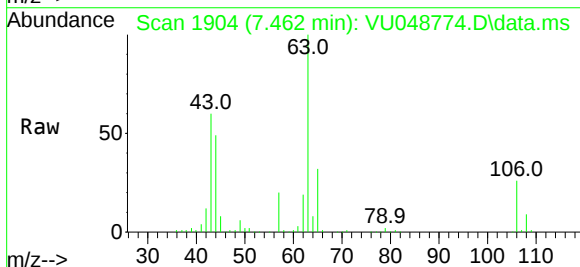
Acq: 01 Jun 2022 11:29

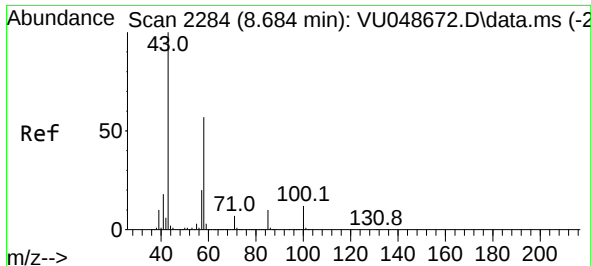
Tgt Ion: 63 Resp: 288007

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2

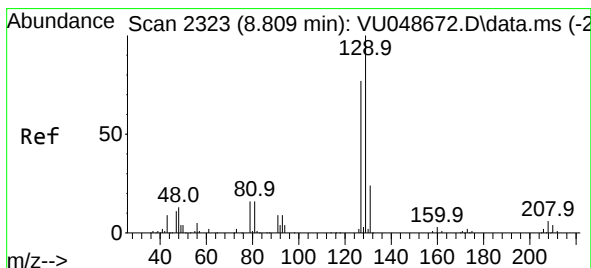
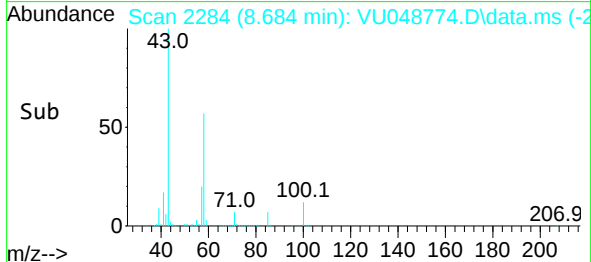
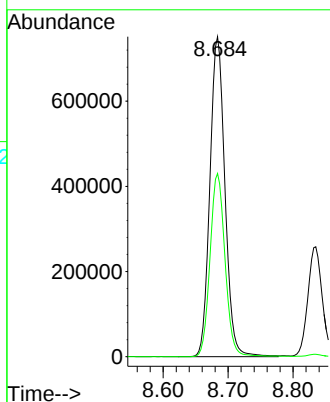
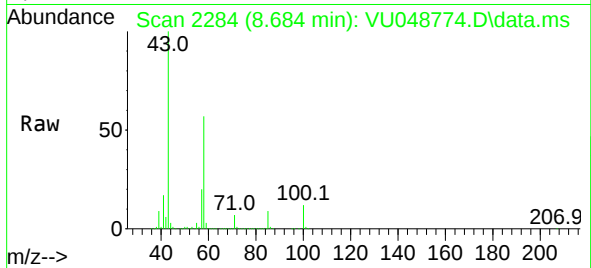




#59
2-Hexanone
Concen: 249.794 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

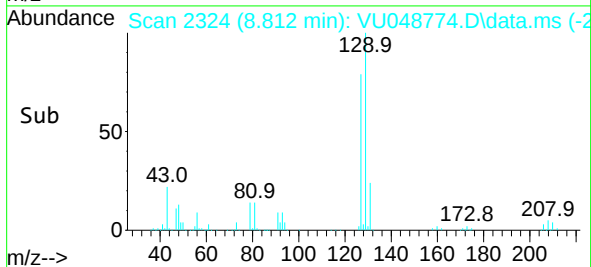
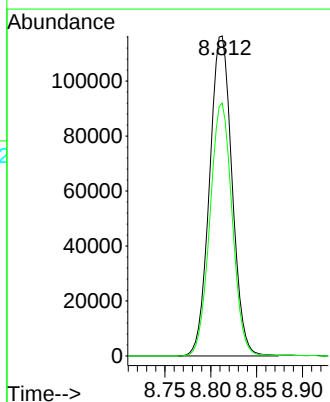
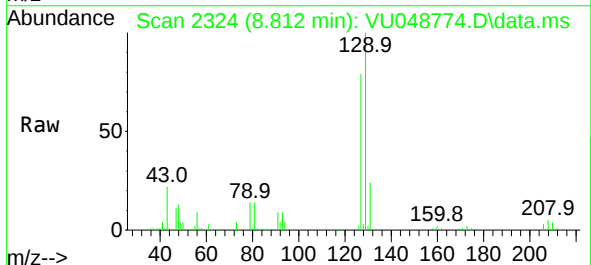
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1208245
Ion Ratio Lower Upper
43 100
58 57.1 28.2 84.6



#60
Dibromochloromethane
Concen: 46.035 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion:129 Resp: 198881
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3

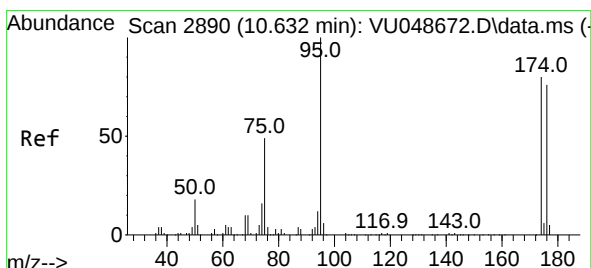
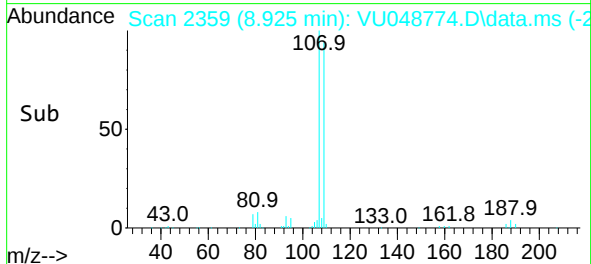
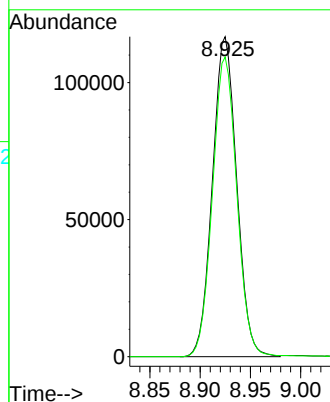
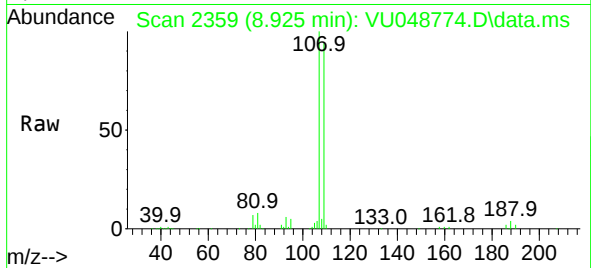




#61
1,2-Dibromoethane
Concen: 46.200 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

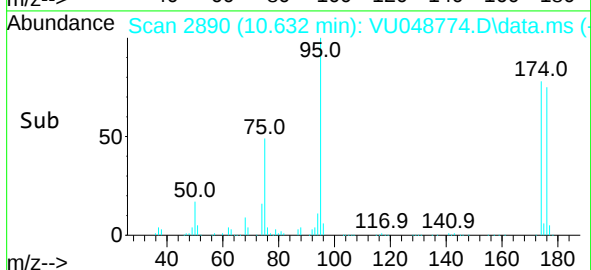
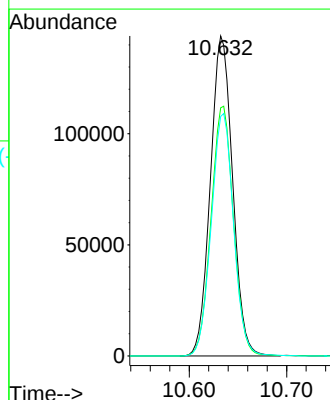
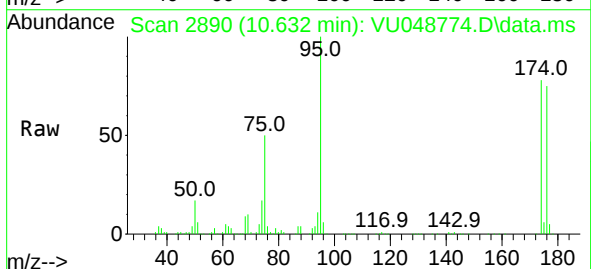
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

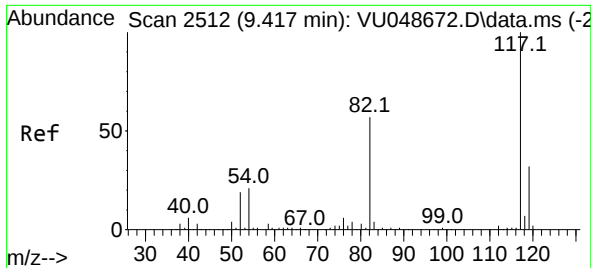
Tgt Ion:107 Resp: 196096
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 49.721 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 95 Resp: 228391
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 76.1 0.0 152.4

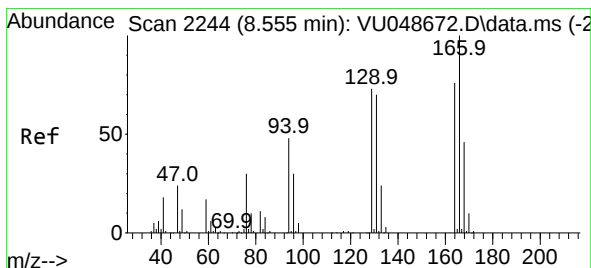
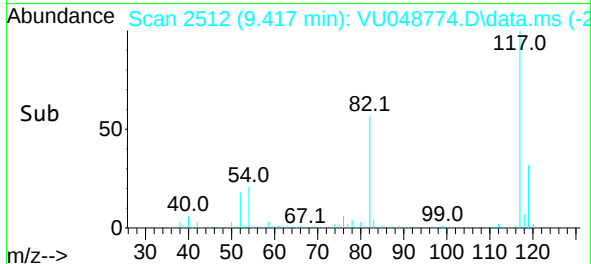
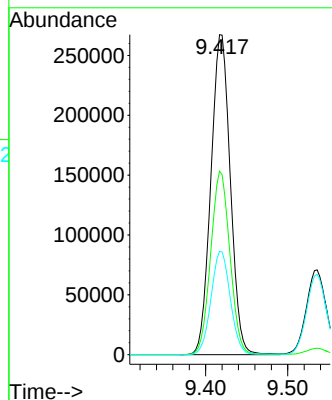
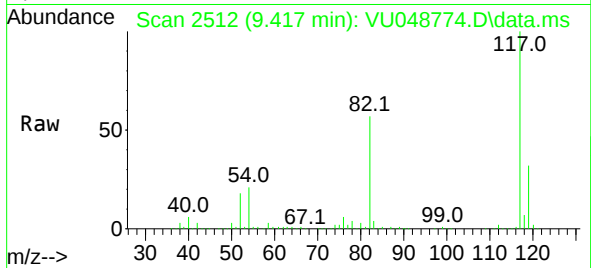




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

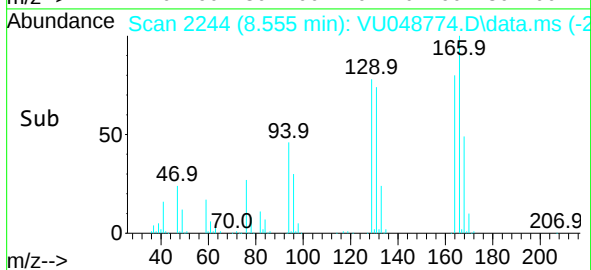
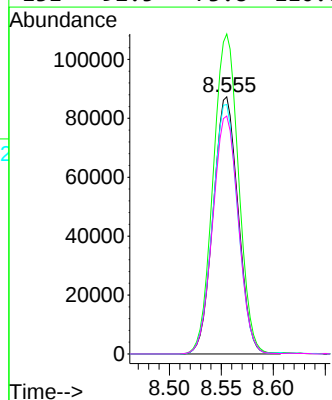
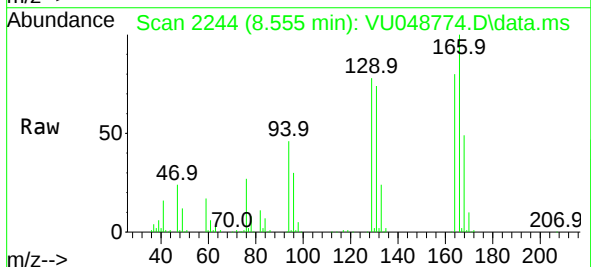
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

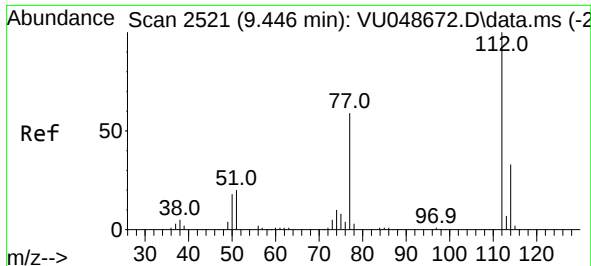
Tgt Ion:117 Resp: 441368
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 47.493 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion:164 Resp: 145729
Ion Ratio Lower Upper
164 100
166 124.4 105.0 157.4
129 97.0 76.5 114.7
131 92.5 73.8 110.6

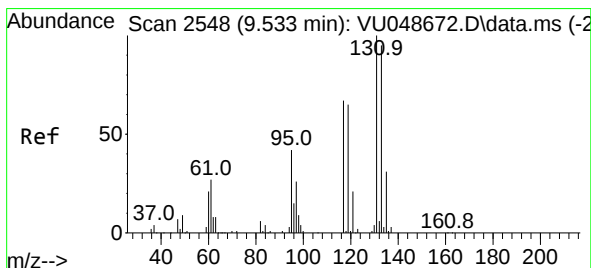
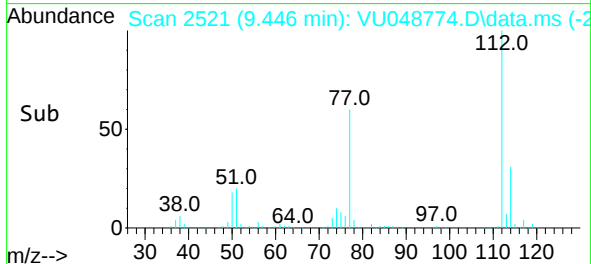
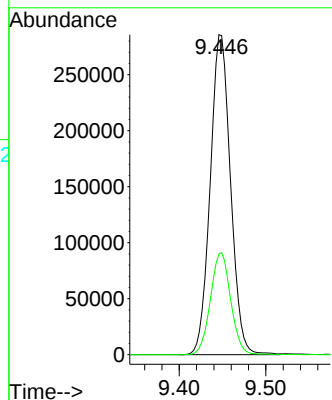
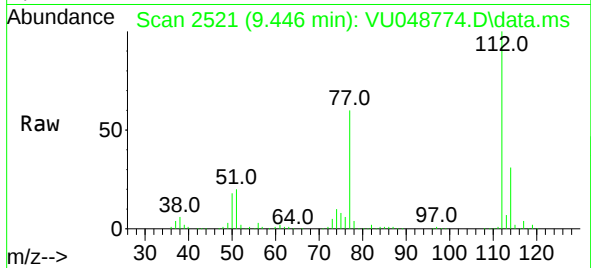




#65
Chlorobenzene
Concen: 49.905 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

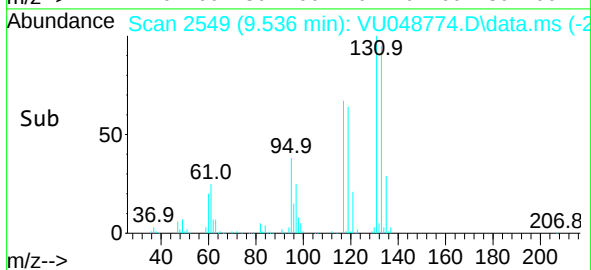
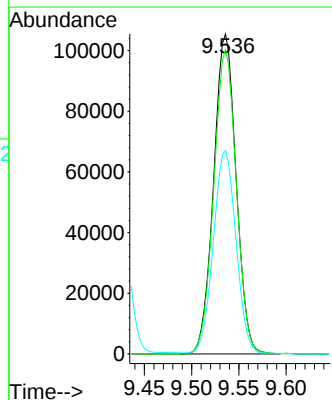
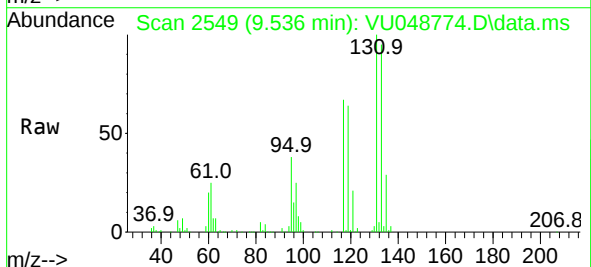
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

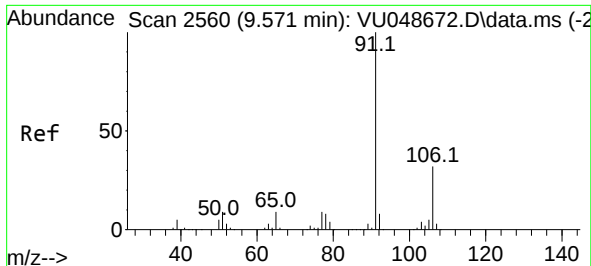
Tgt Ion:112 Resp: 465859
Ion Ratio Lower Upper
112 100
114 31.5 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.171 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion:131 Resp: 174228
Ion Ratio Lower Upper
131 100
133 95.7 48.5 145.5
119 63.9 32.7 98.1





#67

Ethyl Benzene

Concen: 52.827 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

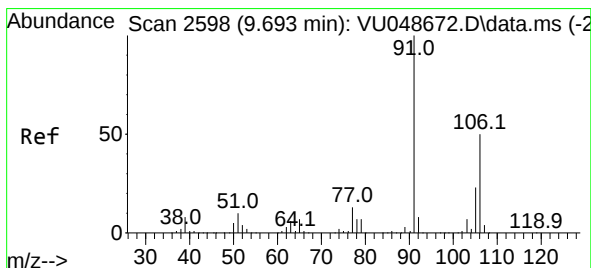
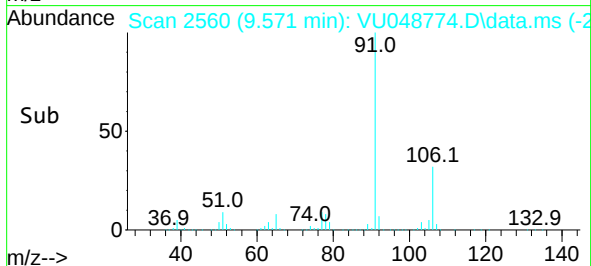
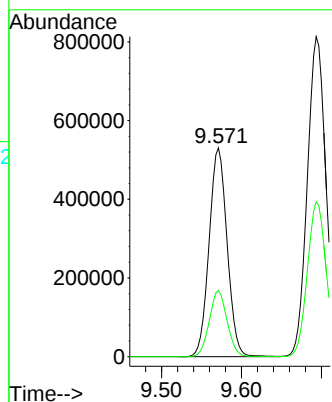
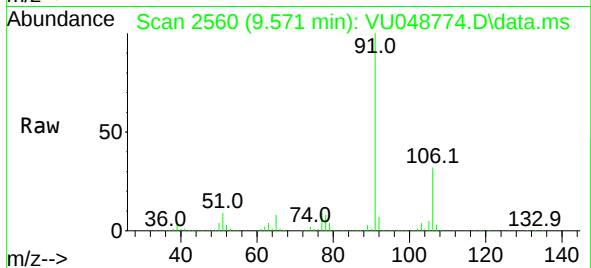
VSTDCCC050

Tgt Ion: 91 Resp: 831727

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.2



#68

m/p-Xylenes

Concen: 104.885 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048774.D

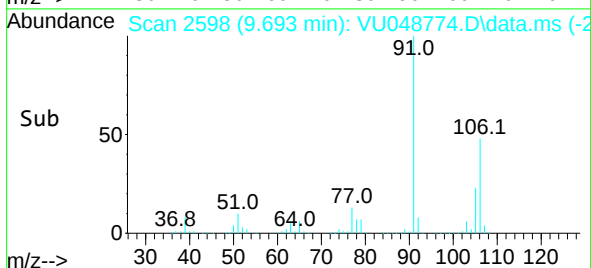
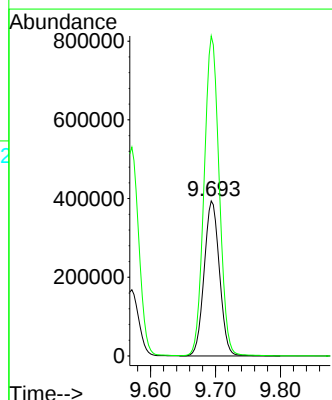
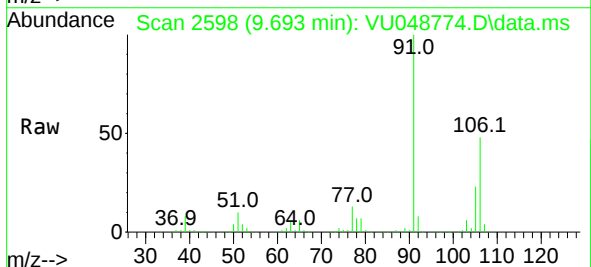
Acq: 01 Jun 2022 11:29

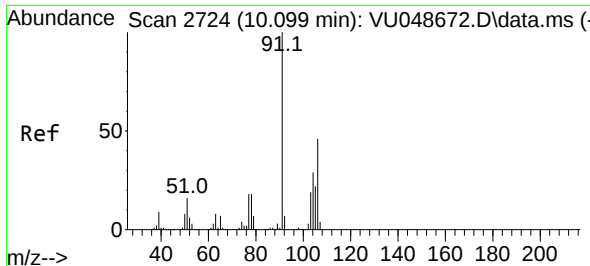
Tgt Ion:106 Resp: 645860

Ion Ratio Lower Upper

106 100

91 204.1 162.4 243.6

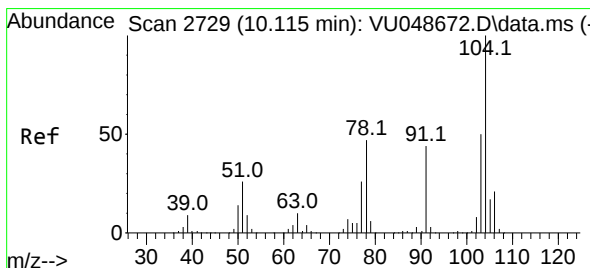
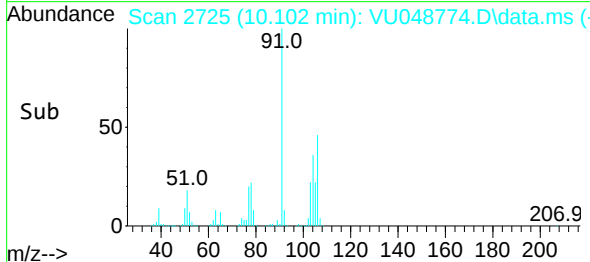
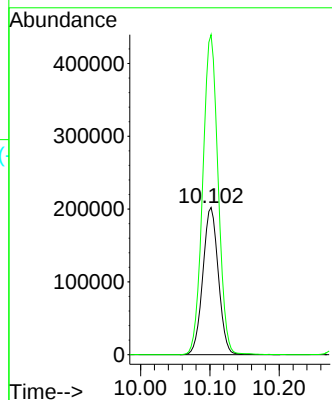
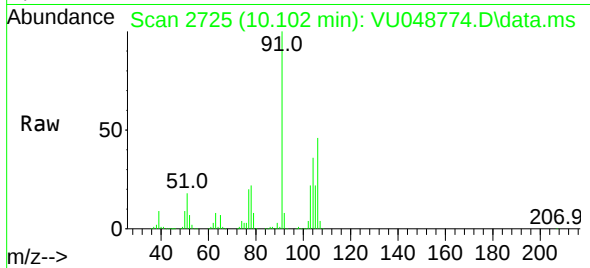




#69
o-Xylene
Concen: 51.836 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

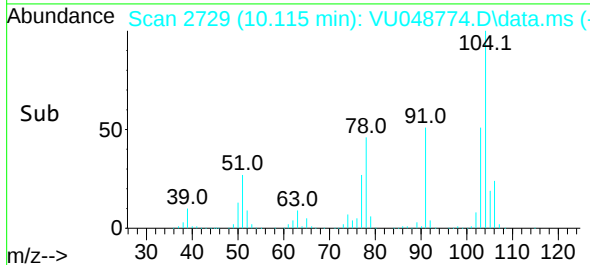
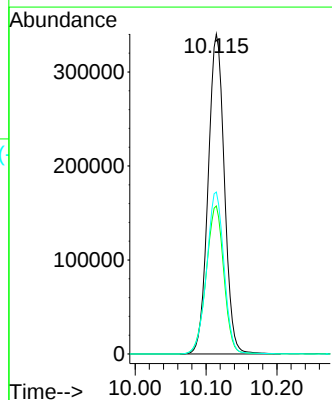
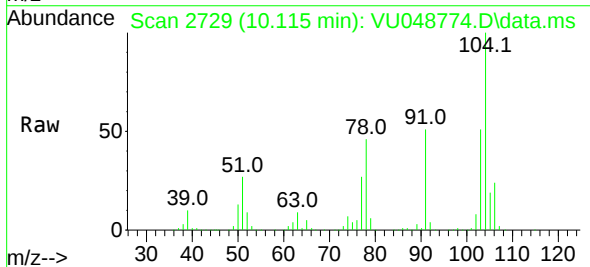
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

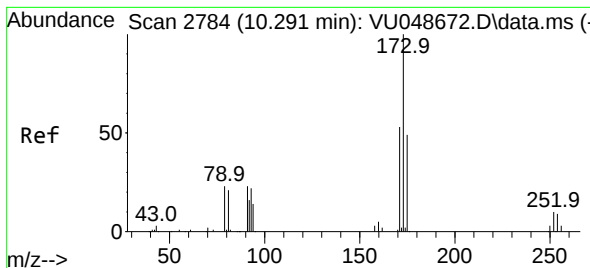
Tgt Ion:106 Resp: 313593
Ion Ratio Lower Upper
106 100
91 216.0 107.7 323.3



#70
Styrene
Concen: 54.499 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion:104 Resp: 542314
Ion Ratio Lower Upper
104 100
78 50.3 41.2 61.8
103 54.3 43.4 65.2





#71

Bromoform

Concen: 46.591 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

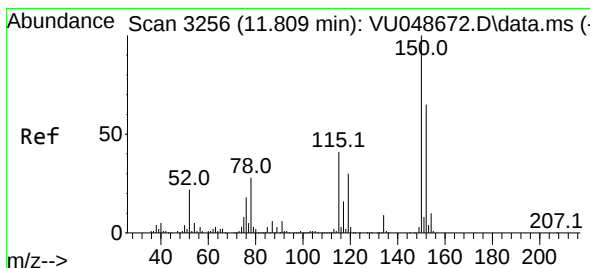
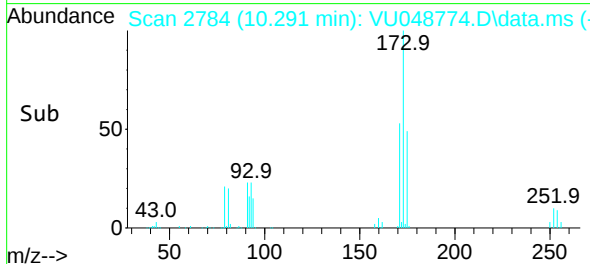
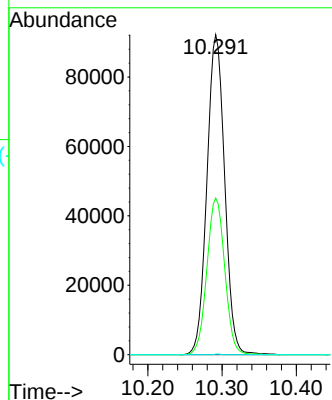
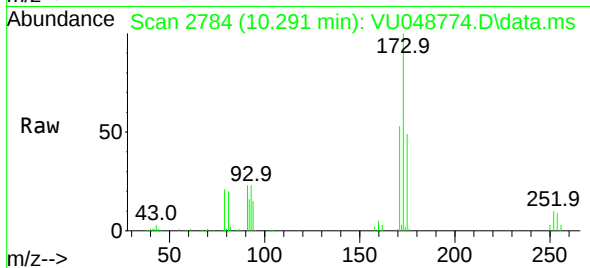
Tgt Ion:173 Resp: 152637

Ion Ratio Lower Upper

173 100

175 49.3 24.5 73.5

254 0.1 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: VU048774.D

Acq: 01 Jun 2022 11:29

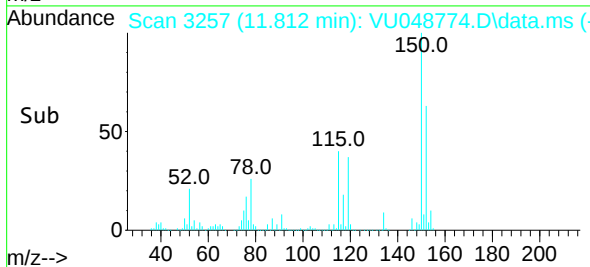
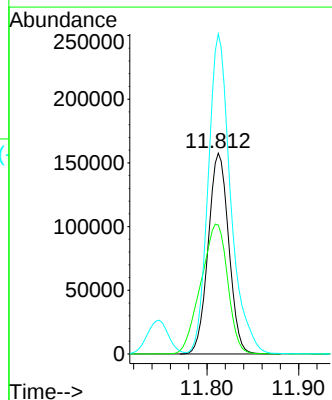
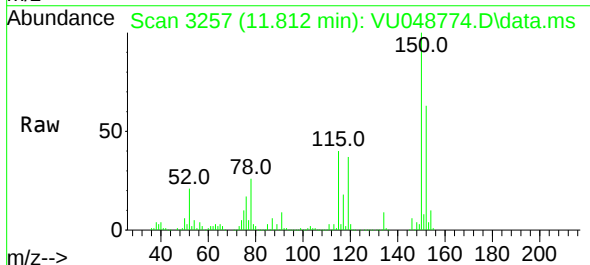
Tgt Ion:152 Resp: 245445

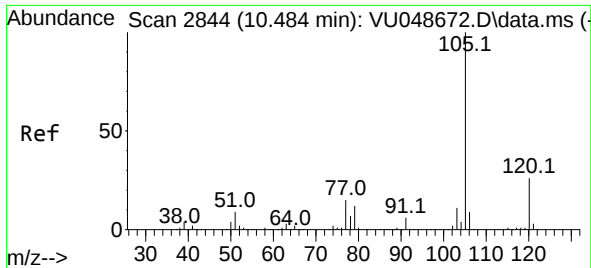
Ion Ratio Lower Upper

152 100

115 84.4 41.8 125.4

150 173.8 0.0 341.0

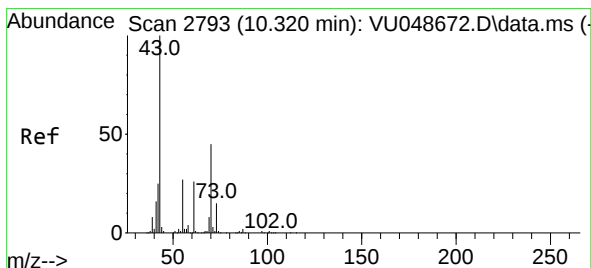
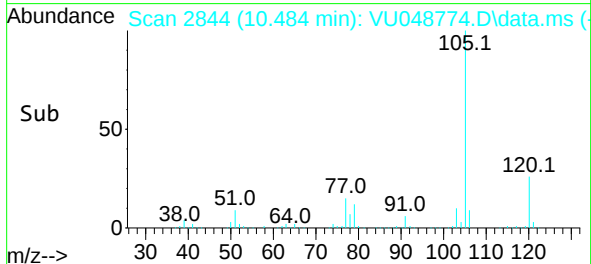
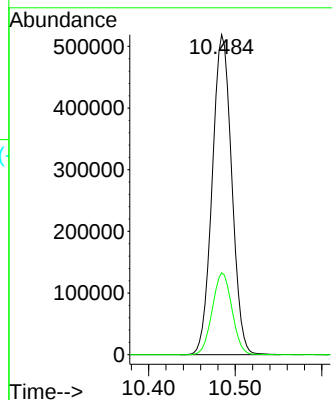
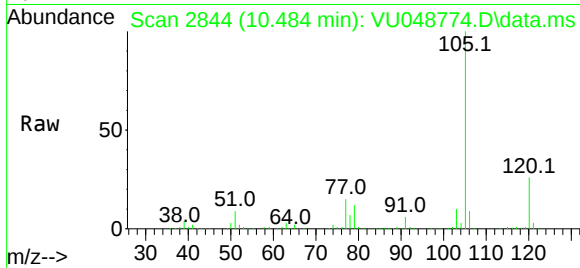




#73
Isopropylbenzene
Concen: 51.220 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

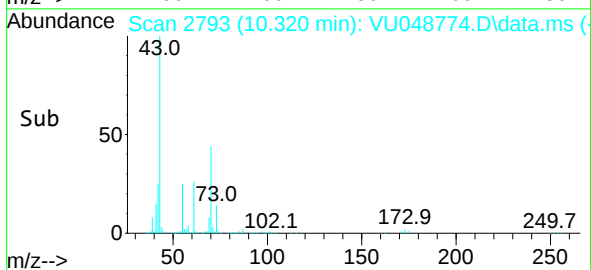
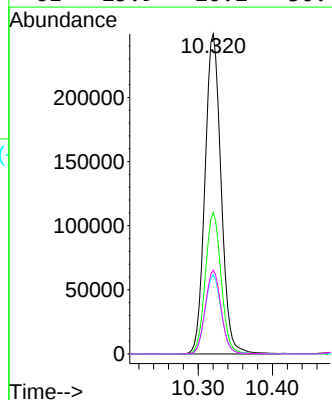
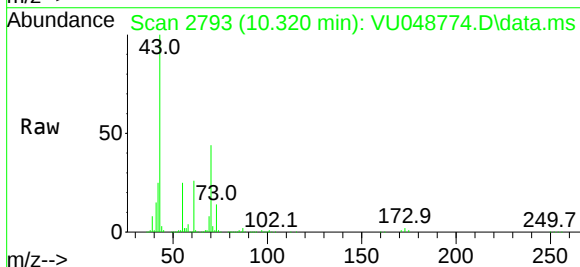
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

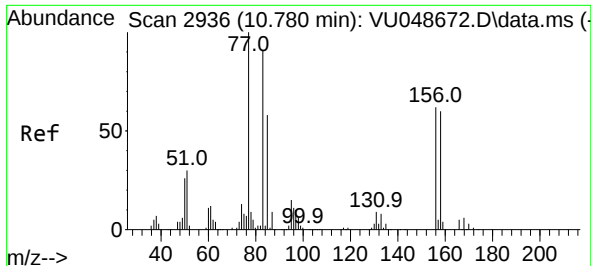
Tgt Ion:105 Resp: 811618
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6



#74
N-ethyl acetate
Concen: 47.002 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 43 Resp: 375817
Ion Ratio Lower Upper
43 100
70 43.6 35.8 53.6
55 24.8 21.1 31.7
61 25.9 20.2 30.4

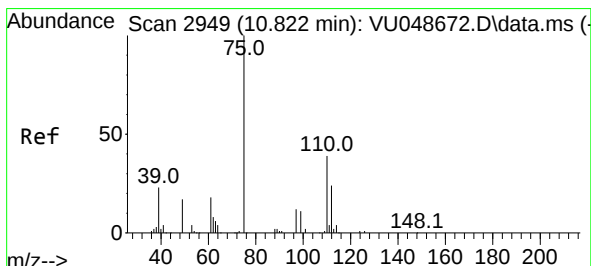
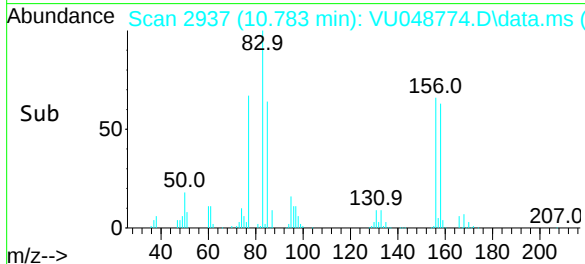
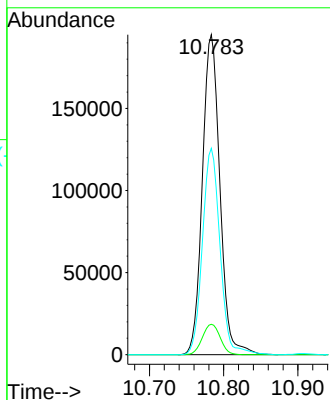
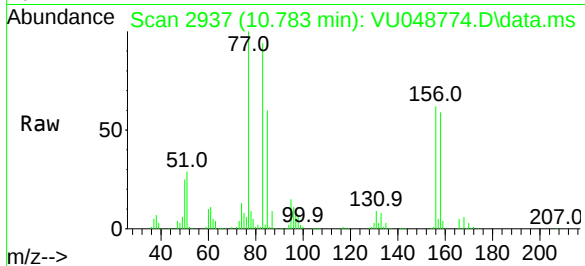




#75
1,1,2,2-Tetrachloroethane
Concen: 49.382 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

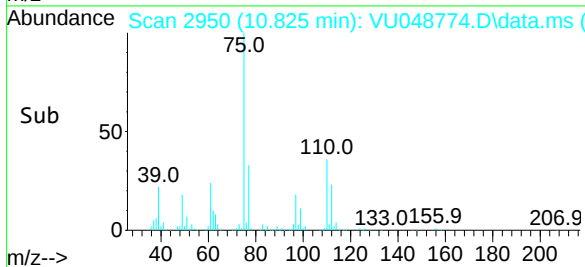
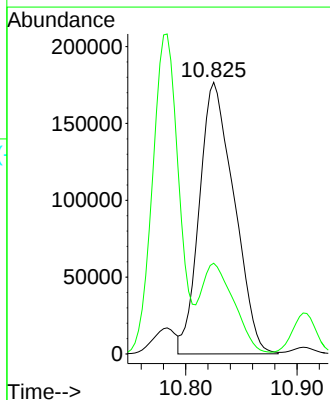
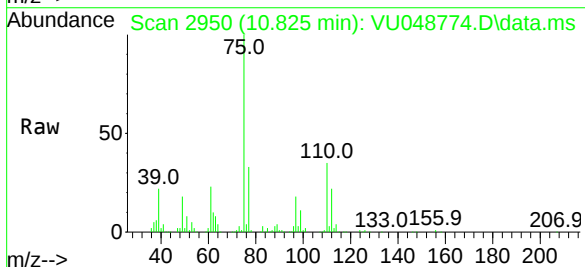
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

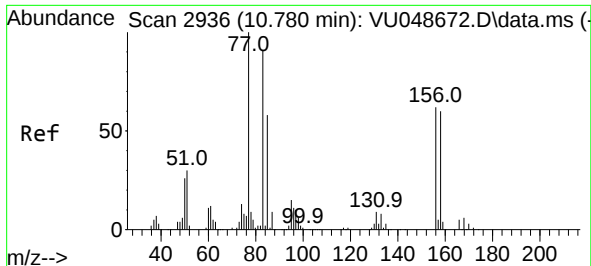
Tgt Ion: 83 Resp: 319329
Ion Ratio Lower Upper
83 100
131 9.7 5.2 15.6
85 64.7 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 48.317 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 75 Resp: 382370
Ion Ratio Lower Upper
75 100
77 30.8 14.8 44.3

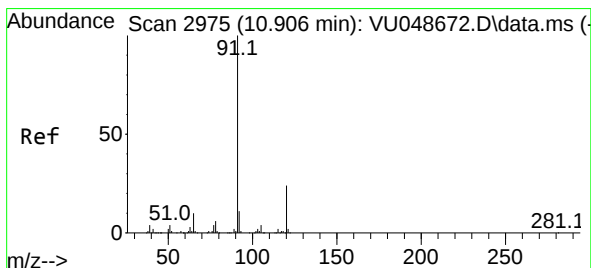
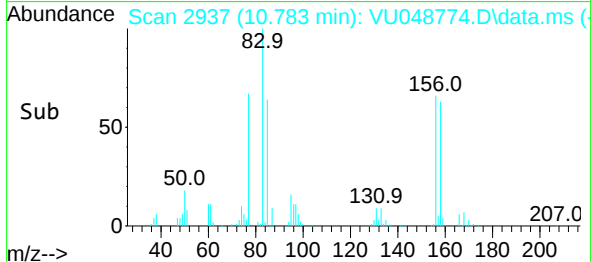
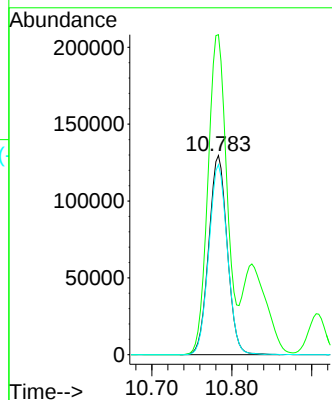
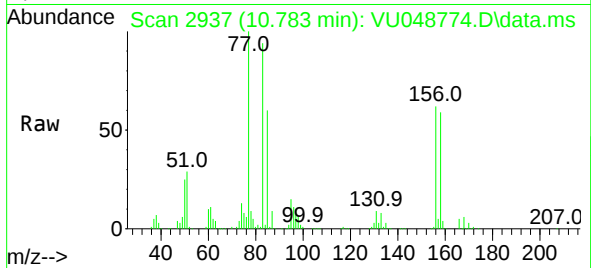




#77
Bromobenzene
Concen: 49.012 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

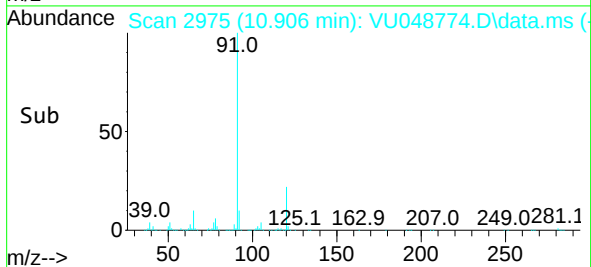
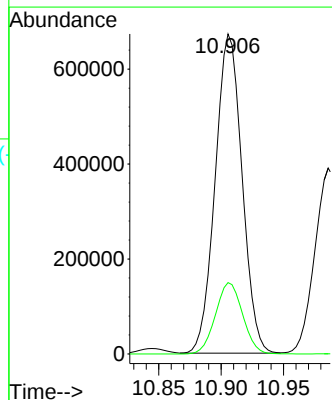
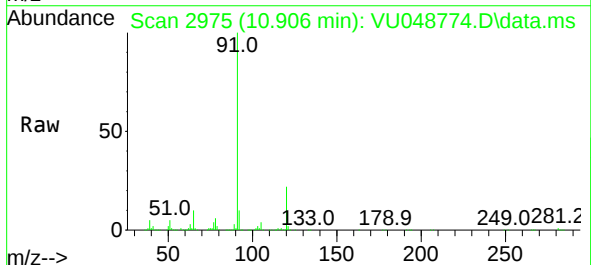
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

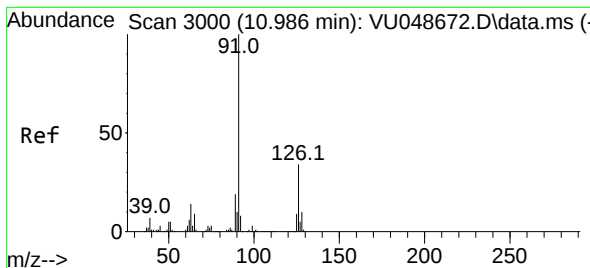
Tgt Ion:156 Resp: 208573
Ion Ratio Lower Upper
156 100
77 165.7 81.1 243.3
158 95.9 48.8 146.4



#78
n-propylbenzene
Concen: 53.430 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 91 Resp: 1008852
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7





#79

2-Chlorotoluene

Concen: 51.051 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

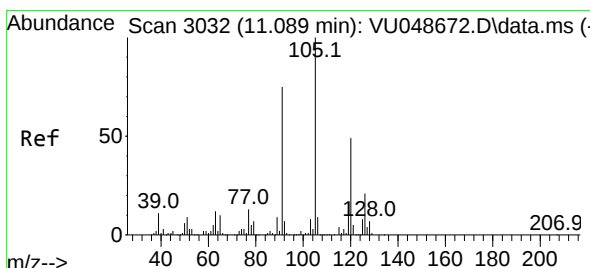
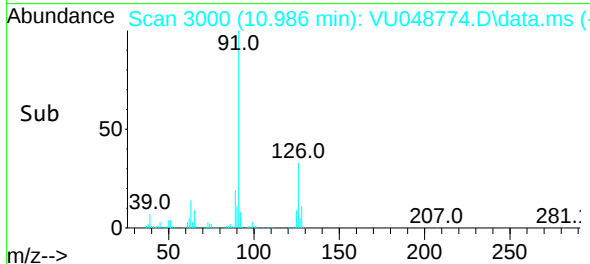
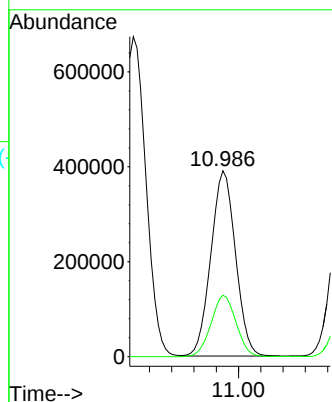
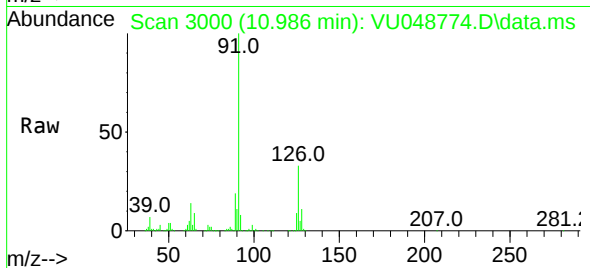
VSTDCCC050

Tgt Ion: 91 Resp: 599437

Ion Ratio Lower Upper

91 100

126 33.6 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 53.412 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048774.D

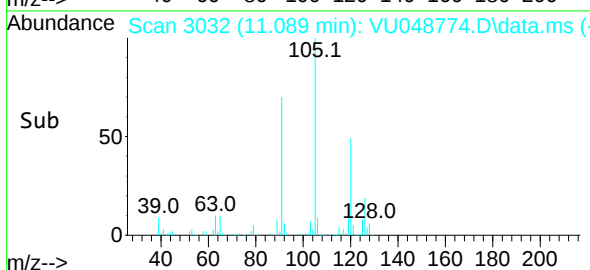
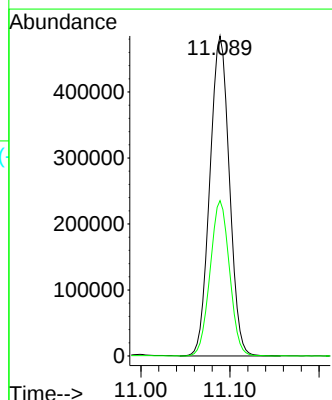
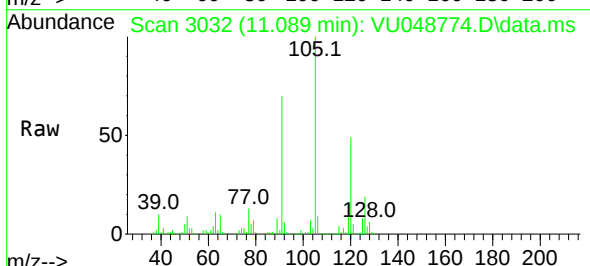
Acq: 01 Jun 2022 11:29

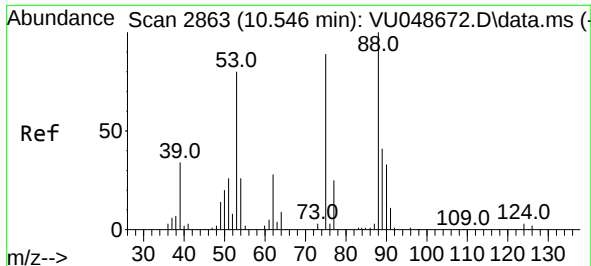
Tgt Ion: 105 Resp: 736016

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.3

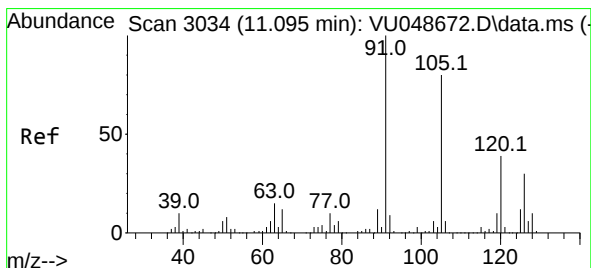
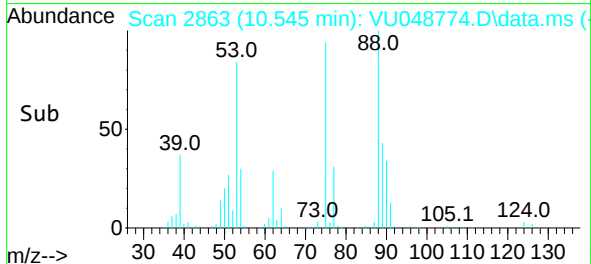
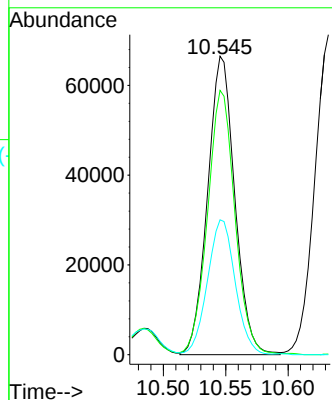
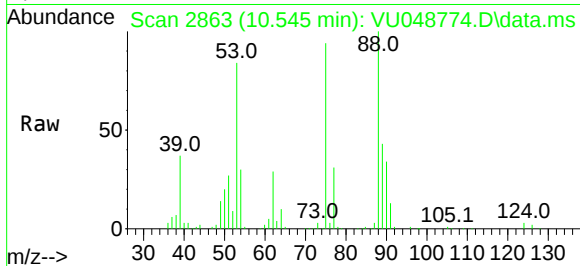




#81
trans-1,4-Dichloro-2-butene
Concen: 46.338 ug/l
RT: 10.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

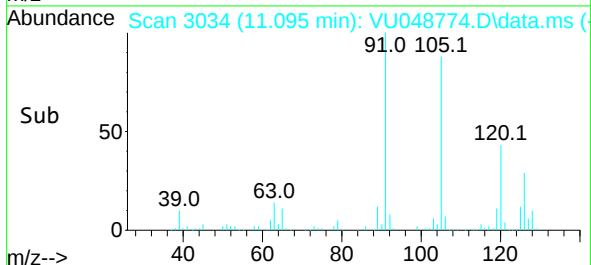
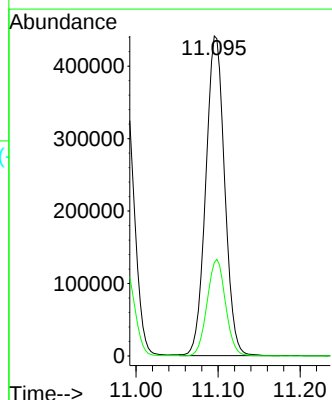
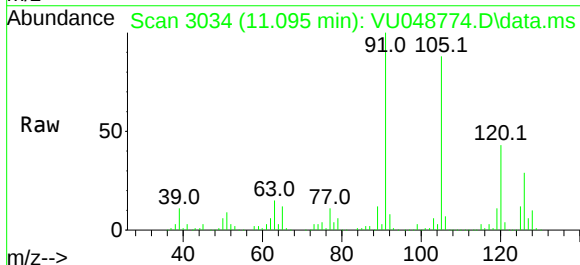
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

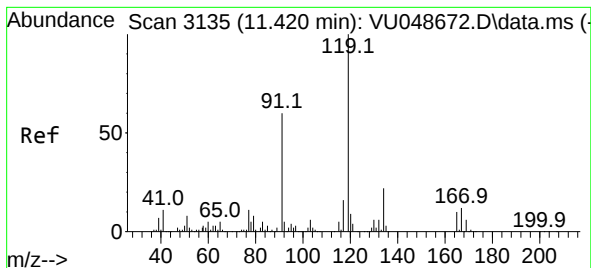
Tgt Ion: 75 Resp: 100996
Ion Ratio Lower Upper
75 100
53 88.4 72.5 108.7
89 45.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.063 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048774.D
Acq: 01 Jun 2022 11:29

Tgt Ion: 91 Resp: 705340
Ion Ratio Lower Upper
91 100
126 29.6 14.4 43.2





#83

tert-Butylbenzene

Concen: 53.905 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

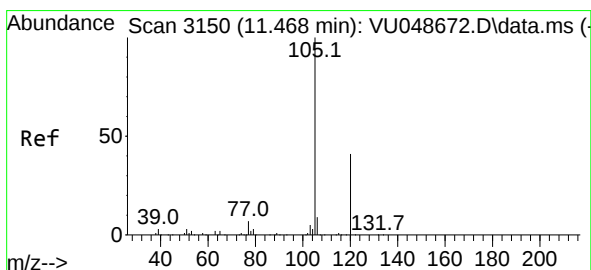
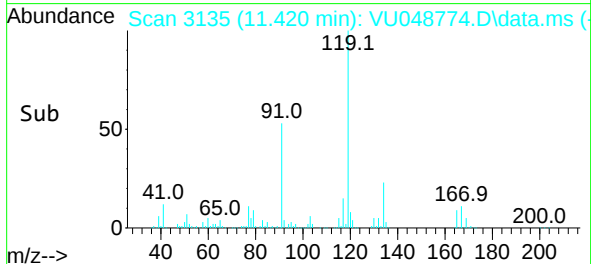
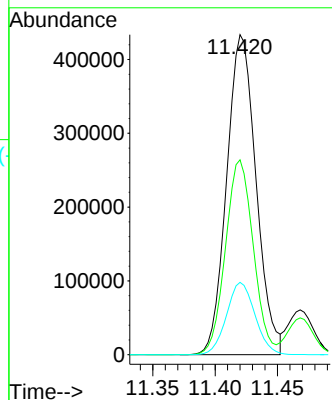
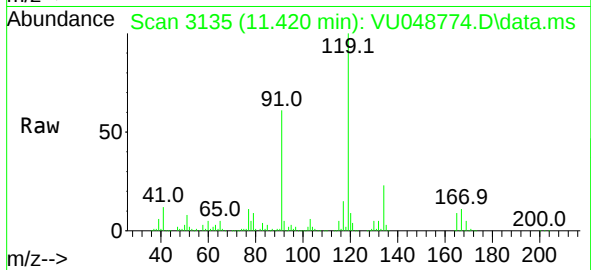
Tgt Ion:119 Resp: 712917

Ion Ratio Lower Upper

119 100

91 57.7 28.7 86.1

134 21.9 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 50.421 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048774.D

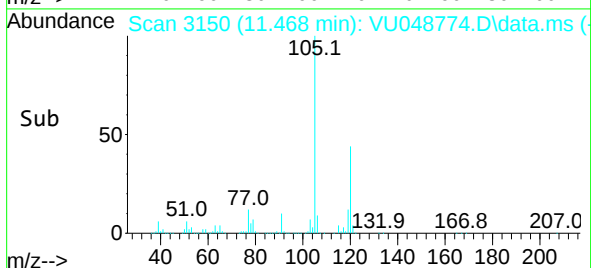
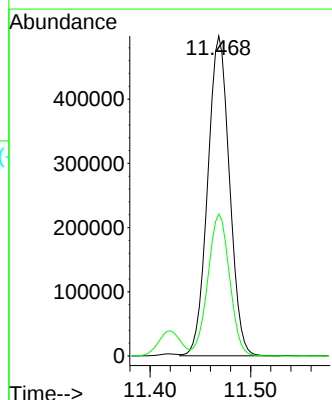
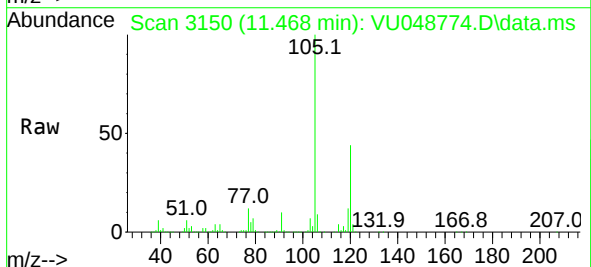
Acq: 01 Jun 2022 11:29

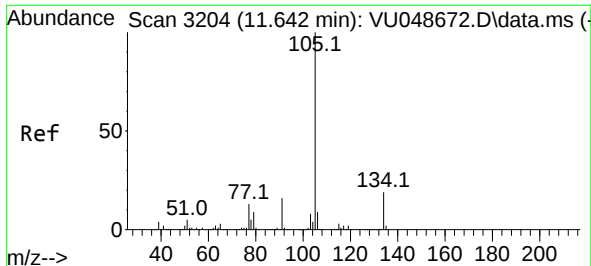
Tgt Ion:105 Resp: 748953

Ion Ratio Lower Upper

105 100

120 44.3 22.5 67.5

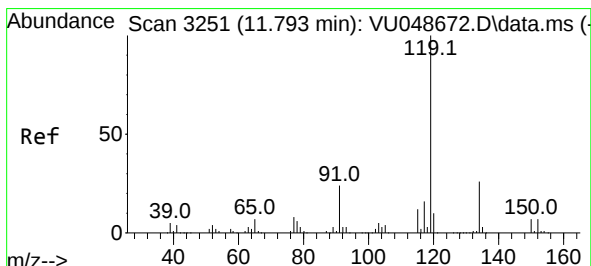
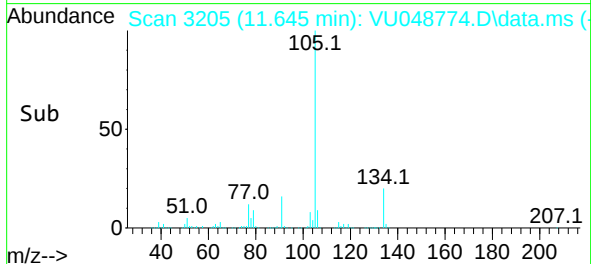
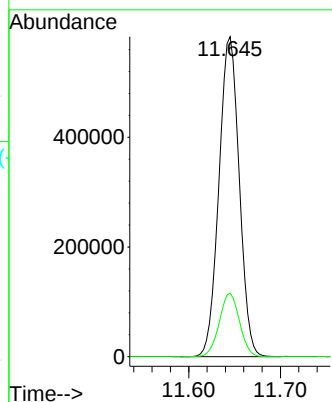
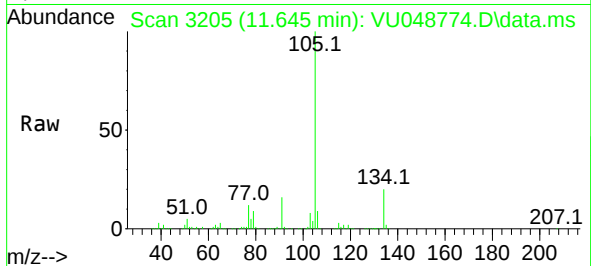




#85
 sec-Butylbenzene
 Concen: 54.139 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

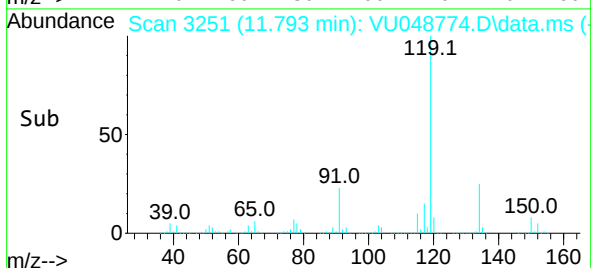
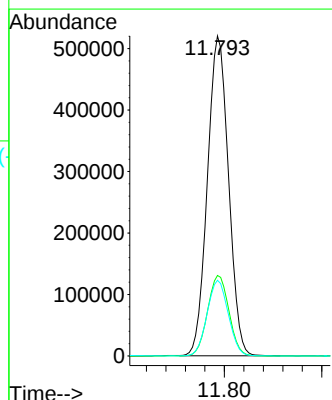
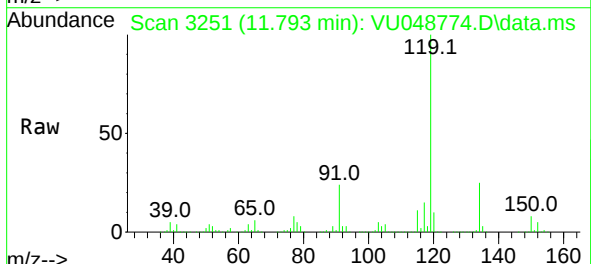
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 895772
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 55.015 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

Tgt Ion:119 Resp: 781689
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 23.8 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.247 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

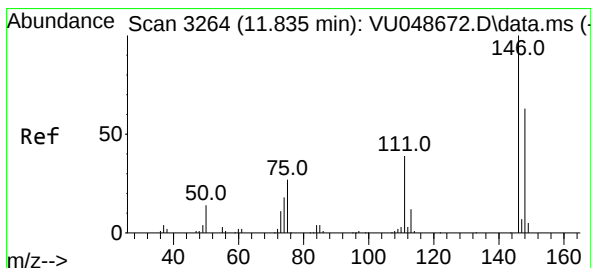
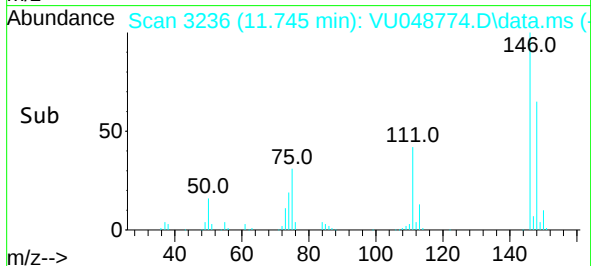
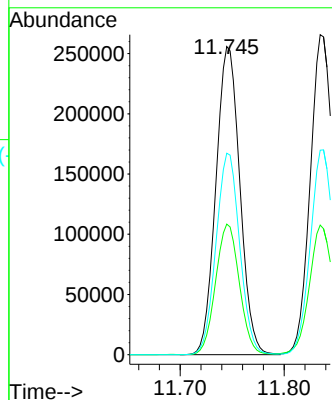
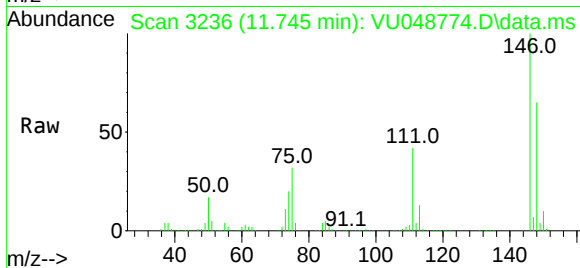
Tgt Ion:146 Resp: 410901

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 64.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.769 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

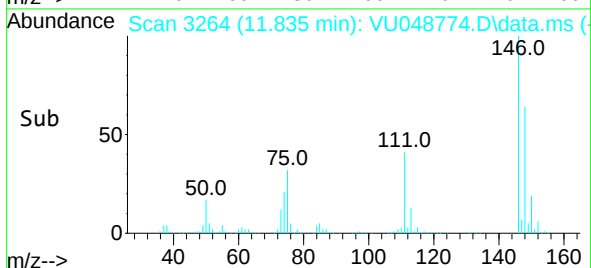
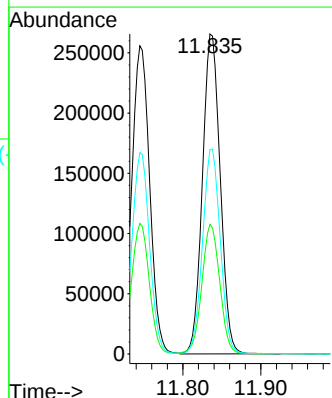
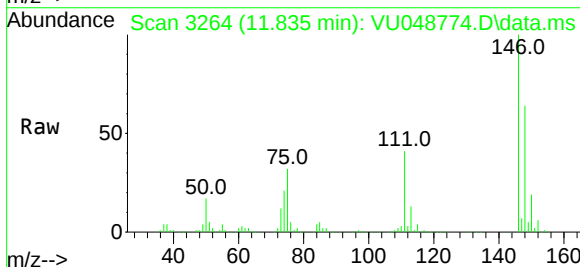
Tgt Ion:146 Resp: 420399

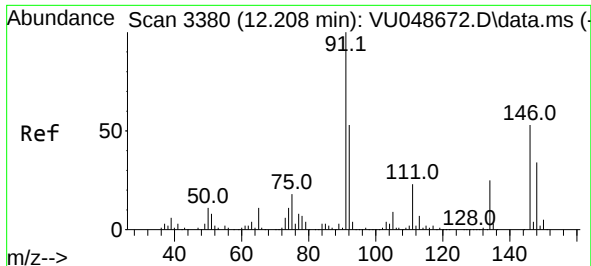
Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

148 63.8 32.4 97.0

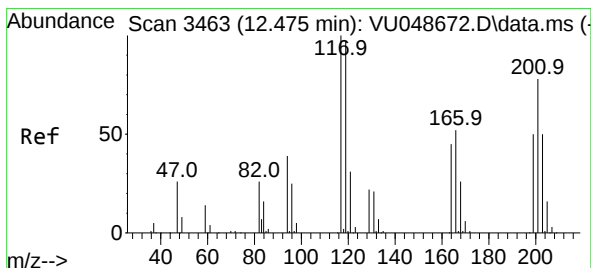
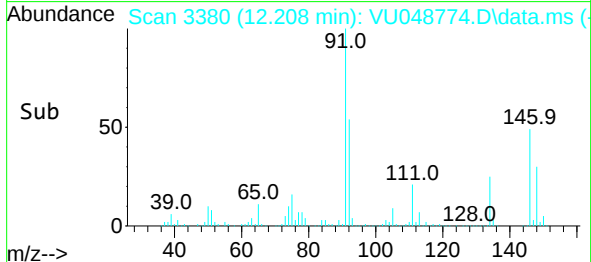
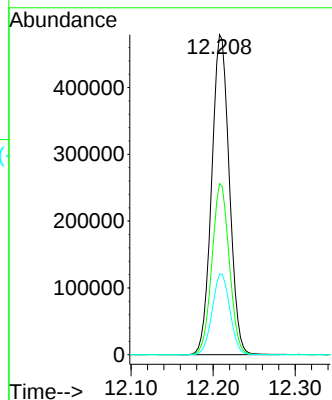
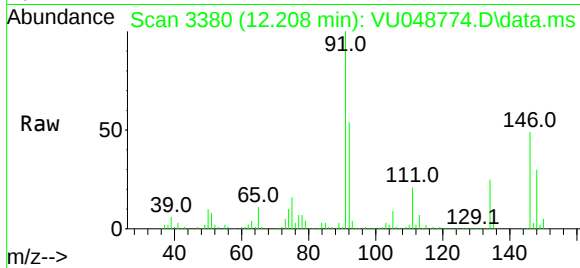




#89
 n-Butylbenzene
 Concen: 50.452 ug/l
 RT: 12.208 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

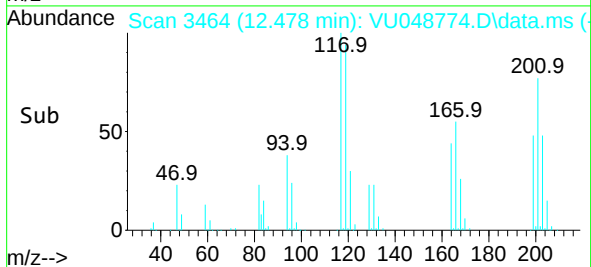
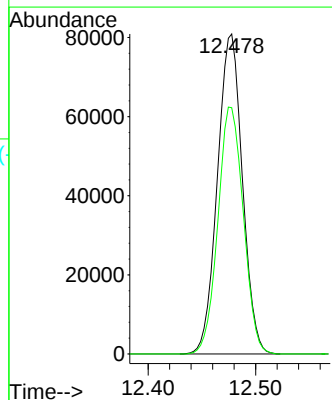
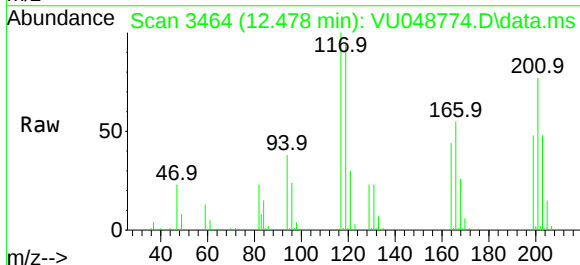
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

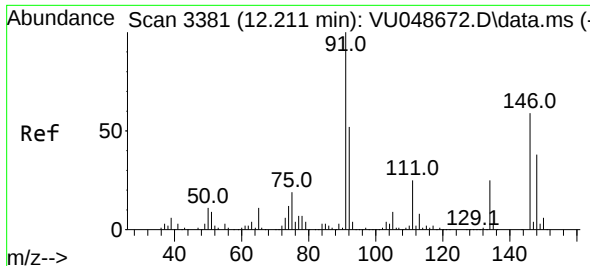
Tgt Ion: 91 Resp: 717829
 Ion Ratio Lower Upper
 91 100
 92 52.6 25.9 77.8
 134 25.3 12.5 37.5



#90
 Hexachloroethane
 Concen: 45.009 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.003 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

Tgt Ion: 117 Resp: 130518
 Ion Ratio Lower Upper
 117 100
 201 78.6 39.6 119.0

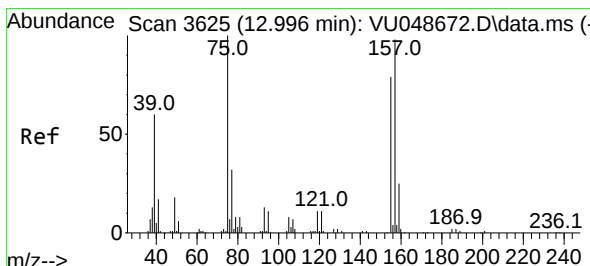
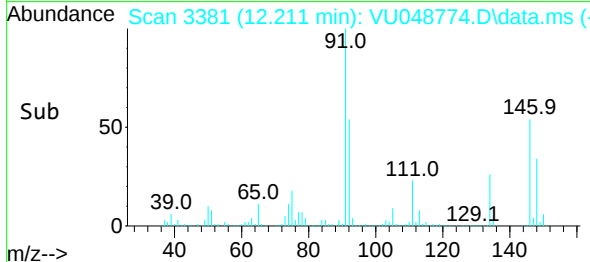
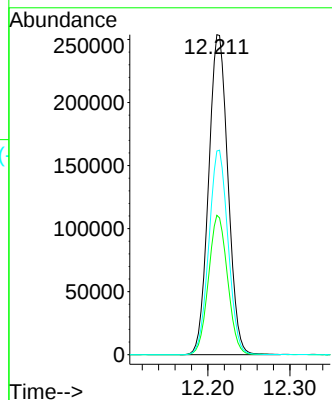
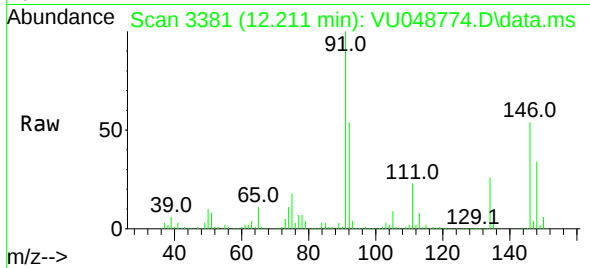




#91
 1,2-Dichlorobenzene
 Concen: 49.287 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.000 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

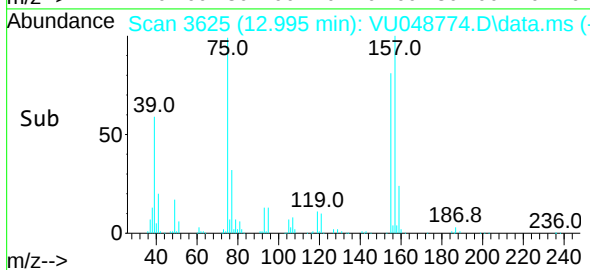
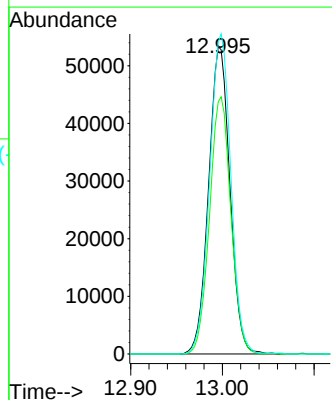
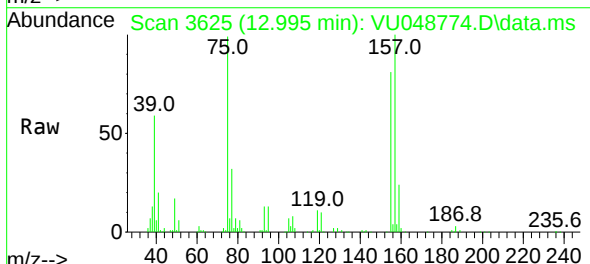
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

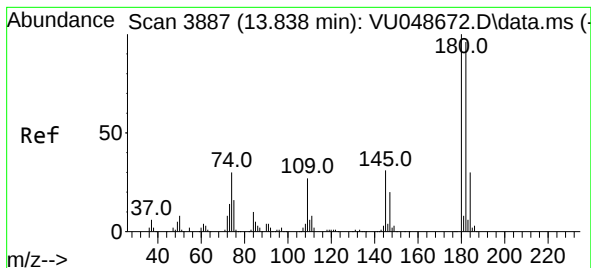
Tgt Ion:146 Resp: 415437
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.3
 148 63.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.360 ug/l
 RT: 12.995 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU048774.D
 Acq: 01 Jun 2022 11:29

Tgt Ion: 75 Resp: 86316
 Ion Ratio Lower Upper
 75 100
 155 83.6 40.3 120.8
 157 103.8 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 51.320 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

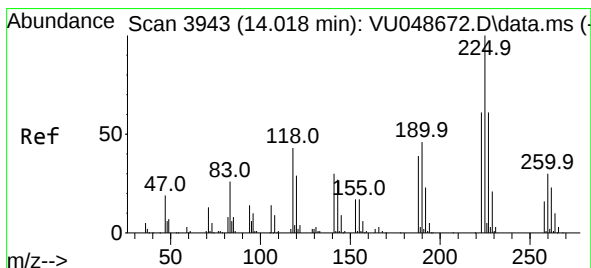
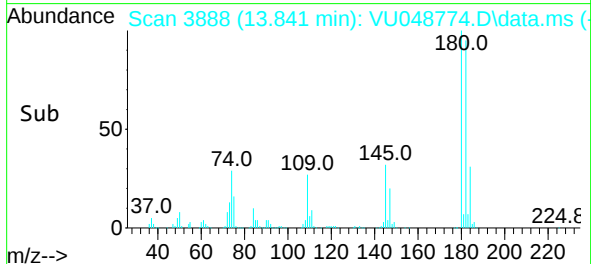
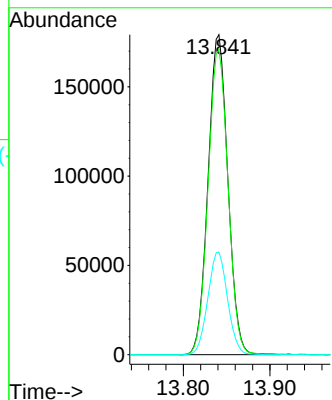
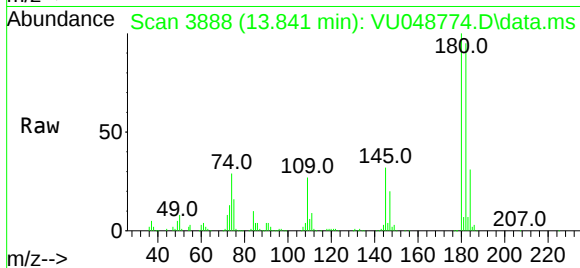
Tgt Ion:180 Resp: 283859

Ion Ratio Lower Upper

180 100

182 96.3 48.3 144.9

145 32.0 15.6 46.7



#94

Hexachlorobutadiene

Concen: 45.350 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

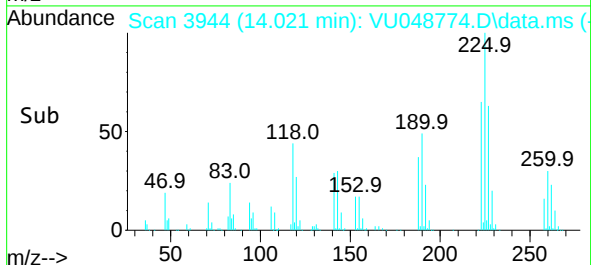
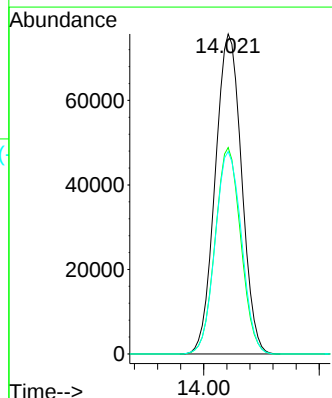
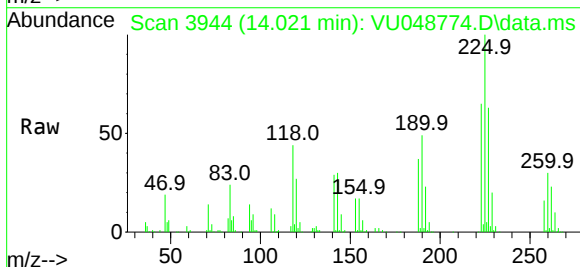
Tgt Ion:225 Resp: 120231

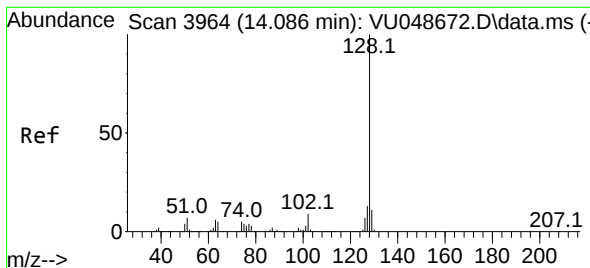
Ion Ratio Lower Upper

225 100

223 62.7 30.9 92.8

227 63.4 31.1 93.5





#95

Naphthalene

Concen: 50.632 ug/l

RT: 14.085 min Scan# 3964

Delta R.T. -0.001 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

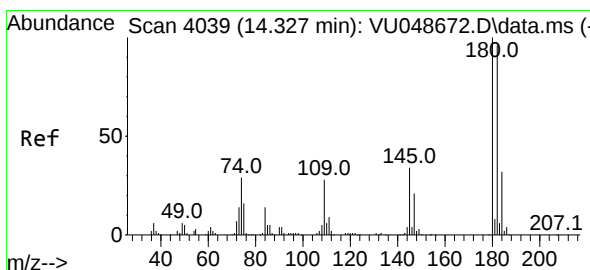
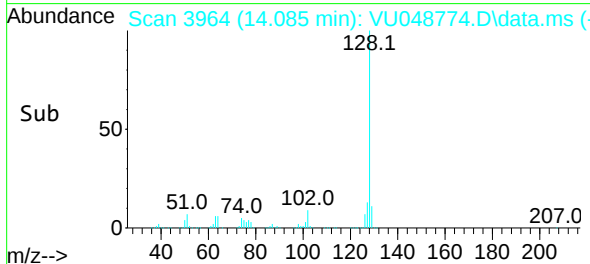
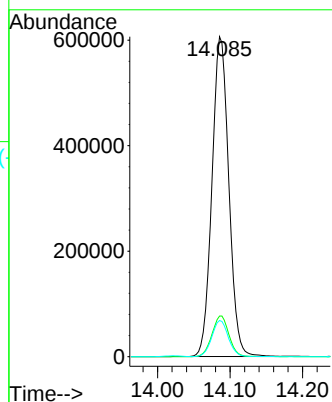
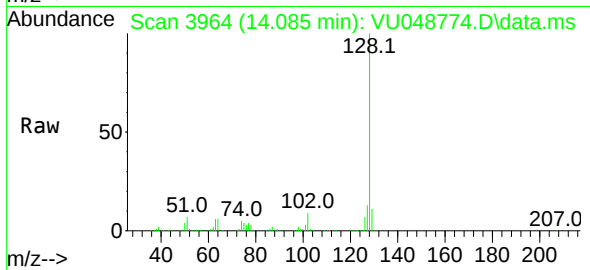
Tgt Ion:128 Resp: 978844

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.444 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048774.D

Acq: 01 Jun 2022 11:29

Tgt Ion:180 Resp: 281828

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.2

145 33.4 16.6 49.8

