

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048755.D
 Acq On : 31 May 2022 21:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 02:24:12 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	5.372	168	239627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	394836	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	376050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	196889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183946	51.114	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.220%			
35) Dibromofluoromethane	5.288	113	146094	51.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.720%			
50) Toluene-d8	7.899	98	515866	51.089	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.180%			
62) 4-Bromofluorobenzene	10.632	95	191873	50.245	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	127572	46.505	ug/l	100
3) Chloromethane	1.520	50	159739	45.234	ug/l	99
4) Vinyl Chloride	1.600	62	163240	49.909	ug/l	98
5) Bromomethane	1.838	94	77162	41.672	ug/l	98
6) Chloroethane	1.922	64	96114	53.703	ug/l	96
7) Trichlorofluoromethane	2.131	101	221132	47.340	ug/l	99
8) Diethyl Ether	2.375	74	84682	49.126	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.575	101	120945	47.300	ug/l	99
10) Methyl Iodide	2.719	142	170758	45.262	ug/l	98
11) Tert butyl alcohol	3.179	59	256744	281.400	ug/l #	41
12) 1,1-Dichloroethene	2.578	96	120227	49.295	ug/l	99
13) Acrolein	2.485	56	50028	164.002	ug/l	100
14) Allyl chloride	2.919	41	247330	52.358	ug/l	97
15) Acrylonitrile	3.311	53	559041	282.517	ug/l	99
16) Acetone	2.623	43	472125	257.428	ug/l	99
17) Carbon Disulfide	2.790	76	326899	45.914	ug/l	100
18) Methyl Acetate	2.944	43	269084	58.436	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	488460	52.783	ug/l	97
20) Methylene Chloride	3.041	84	159575	51.166	ug/l	98
21) trans-1,2-Dichloroethene	3.350	96	134360	48.161	ug/l	95
22) Diisopropyl ether	3.989	45	499707	57.348	ug/l	98
23) Vinyl Acetate	3.954	43	2166297	286.943	ug/l	99
24) 1,1-Dichloroethane	3.867	63	284847	52.050	ug/l	99
25) 2-Butanone	4.700	43	757166	287.380	ug/l	99
26) 2,2-Dichloropropane	4.665	77	184301	37.538	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	162200	50.229	ug/l	96
28) Bromochloromethane	4.973	49	120212	56.002	ug/l	98
29) Tetrahydrofuran	5.047	42	485830	292.741	ug/l	98
30) Chloroform	5.089	83	280172	51.166	ug/l	99
31) Cyclohexane	5.388	56	227028	50.059	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	245707	49.459	ug/l	99
36) 1,1-Dichloropropene	5.526	75	196451	47.785	ug/l	99
37) Ethyl Acetate	4.803	43	273647	52.652	ug/l	99
38) Carbon Tetrachloride	5.523	117	213335	45.231	ug/l	97
39) Methylcyclohexane	6.764	83	214181	49.686	ug/l	97
40) Benzene	5.774	78	595156	49.035	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	147957	56.336	ug/l	99
42) 1,2-Dichloroethane	5.793	62	231072	48.635	ug/l	99
43) Isopropyl Acetate	5.909	43	406132	53.840	ug/l	100
44) Trichloroethene	6.542	130	144714	46.280	ug/l	96
45) 1,2-Dichloropropane	6.790	63	171239	56.041	ug/l	97
46) Dibromomethane	6.919	93	117278	51.373	ug/l	98
47) Bromodichloromethane	7.105	83	227424	49.263	ug/l	99
48) Methyl methacrylate	6.960	41	194090	57.315	ug/l	99
49) 1,4-Dioxane	6.960	88	82367	1088.069	ug/l	94
51) 4-Methyl-2-Pentanone	7.790	43	1393361	284.472	ug/l	100
52) Toluene	7.970	92	372398	51.295	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	246218	49.441	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	260458	50.472	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	158209	49.378	ug/l	98
56) Ethyl methacrylate	8.333	69	260274	51.333	ug/l	99
57) 1,3-Dichloropropane	8.578	76	278814	51.703	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	302274	262.368	ug/l	98
59) 2-Hexanone	8.684	43	1095313	272.387	ug/l	100
60) Dibromochloromethane	8.812	129	180832	50.349	ug/l	100
61) 1,2-Dibromoethane	8.925	107	170179	48.228	ug/l	100
64) Tetrachloroethene	8.552	164	121550	46.469	ug/l	96
65) Chlorobenzene	9.446	112	401387	50.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	154043	51.025	ug/l	99
67) Ethyl Benzene	9.571	91	711156	53.014	ug/l	99
68) m/p-Xylenes	9.693	106	554865	105.759	ug/l	100
69) o-Xylene	10.102	106	256661	49.794	ug/l	98
70) Styrene	10.115	104	441333	52.055	ug/l	99
71) Bromoform	10.291	173	138224	49.520	ug/l #	99
73) Isopropylbenzene	10.484	105	674078	53.031	ug/l	99
74) N-amyl acetate	10.320	43	330350	51.269	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	276648	53.333	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	319559	50.339	ug/l	99
77) Bromobenzene	10.783	156	171627	50.276	ug/l	99
78) n-propylbenzene	10.906	91	814842	53.798	ug/l	100
79) 2-Chlorotoluene	10.986	91	491837	52.217	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	590525	53.422	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	80837	46.235	ug/l	97
82) 4-Chlorotoluene	11.095	91	565290	52.016	ug/l	98
83) tert-Butylbenzene	11.420	119	578198	54.500	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	600474	50.395	ug/l	100
85) sec-Butylbenzene	11.645	105	718080	54.103	ug/l	98
86) p-Isopropyltoluene	11.793	119	614752	53.936	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	331281	49.497	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	332541	48.091	ug/l	99
89) n-Butylbenzene	12.208	91	551221	48.390	ug/l	100
90) Hexachloroethane	12.478	117	110399	47.460	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	332932	49.240	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	76540	51.247	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	219453	49.461	ug/l	98
94) Hexachlorobutadiene	14.021	225	91494	43.022	ug/l	99
95) Naphthalene	14.085	128	757701	48.947	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	220624	50.204	ug/l	99

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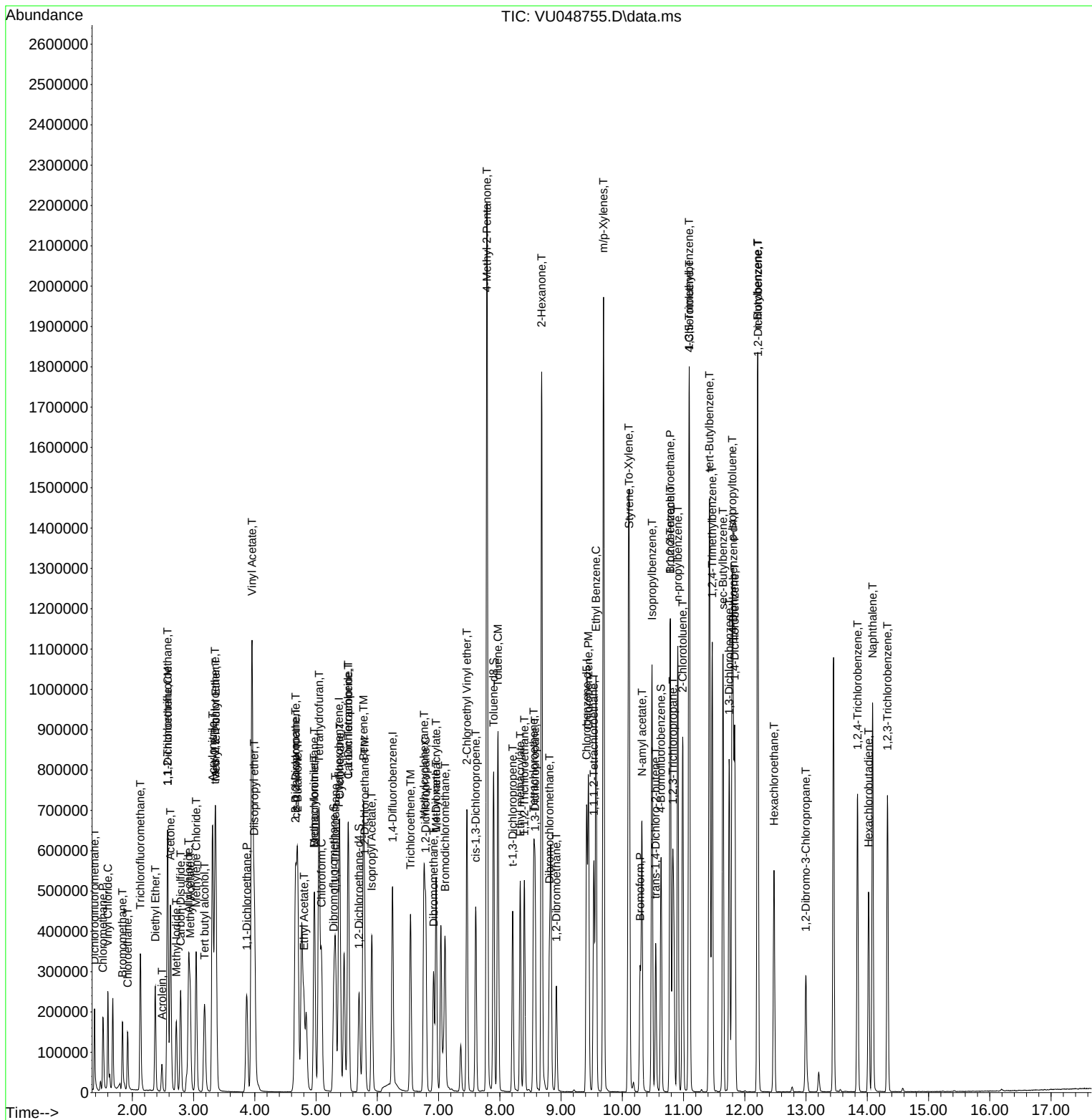
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

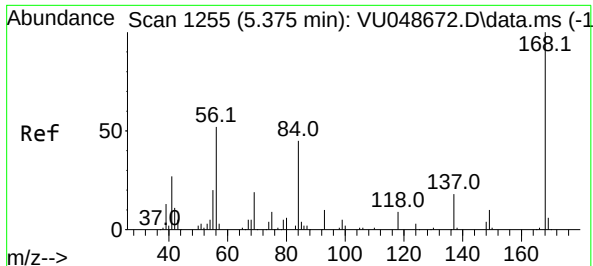
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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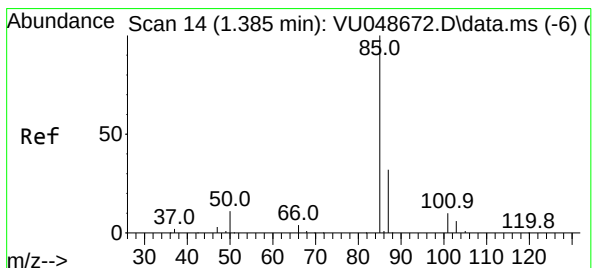
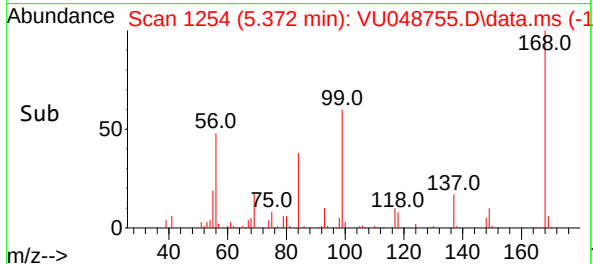
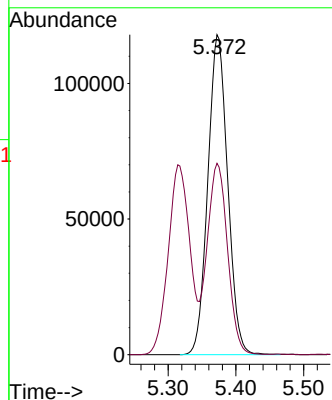
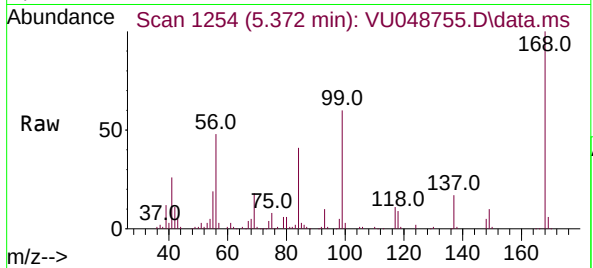




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
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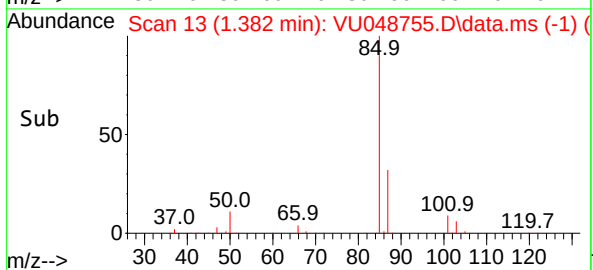
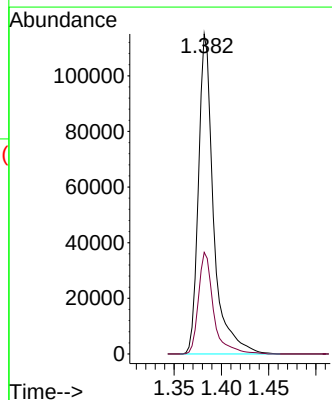
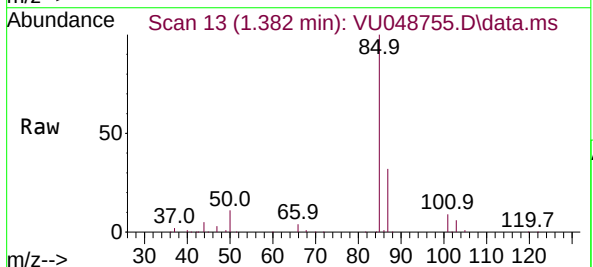
Instrument :
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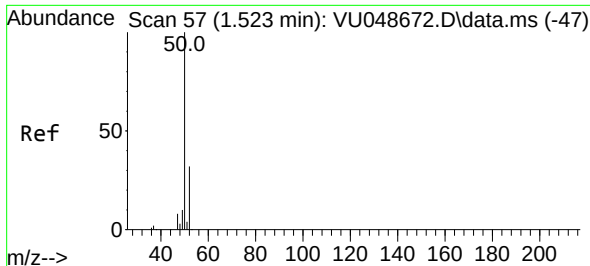
Tgt Ion:168 Resp: 239627
Ion Ratio Lower Upper
168 100
99 59.7 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 46.505 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 85 Resp: 127572
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0

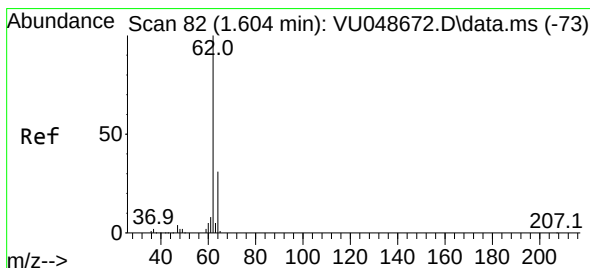
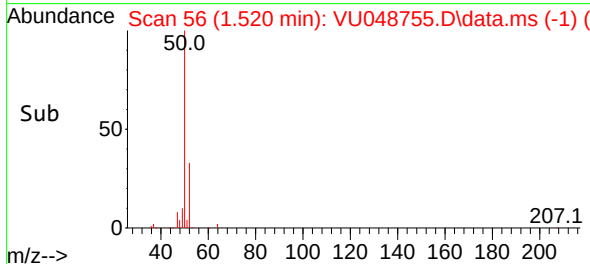
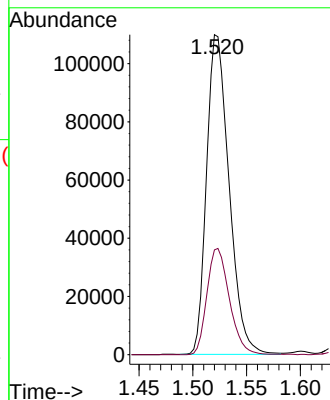
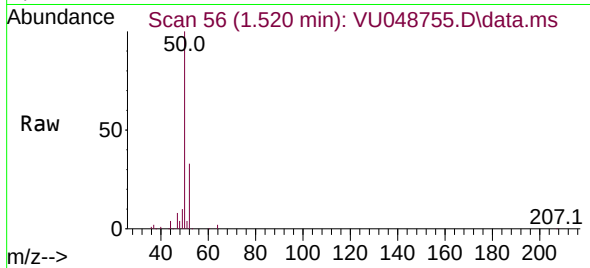




#3
Chloromethane
Concen: 45.234 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU048755.D
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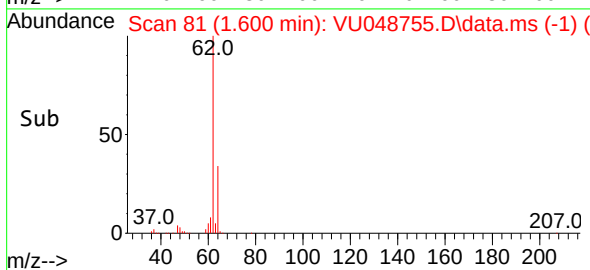
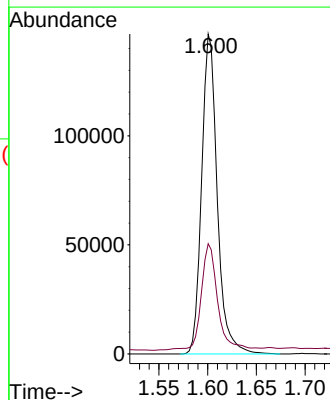
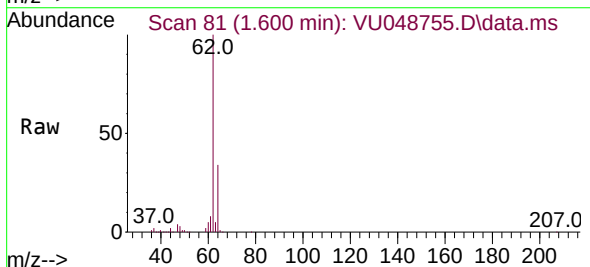
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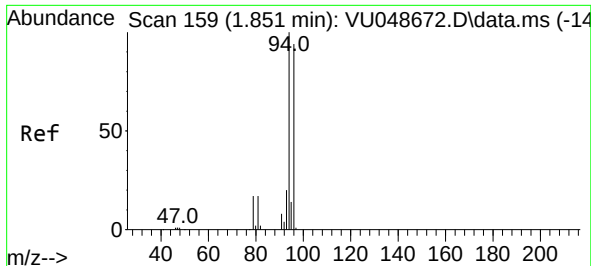
Tgt Ion: 50 Resp: 159739
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 49.909 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 62 Resp: 163240
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8

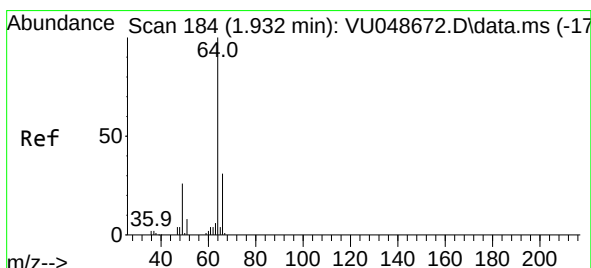
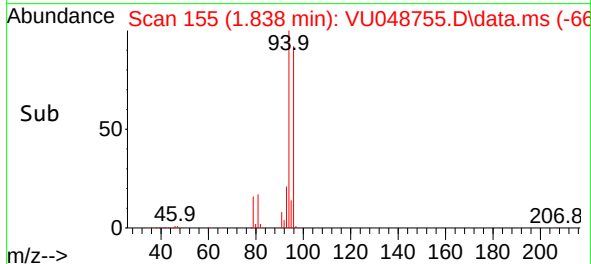
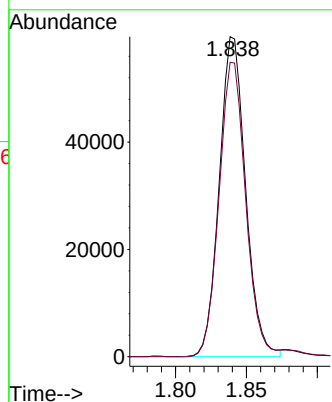
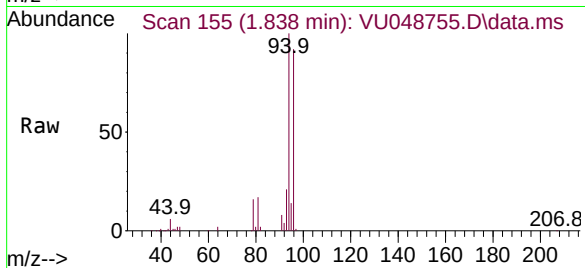




#5
Bromomethane
Concen: 41.672 ug/l
RT: 1.838 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

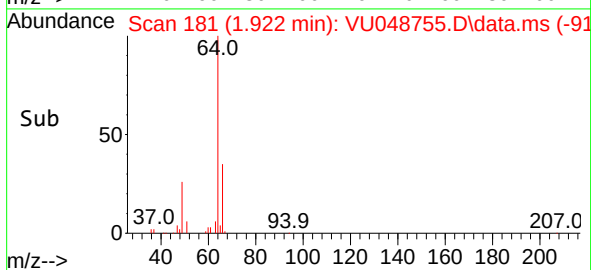
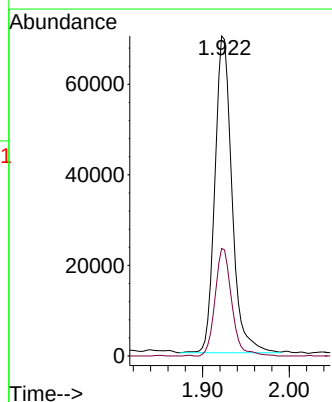
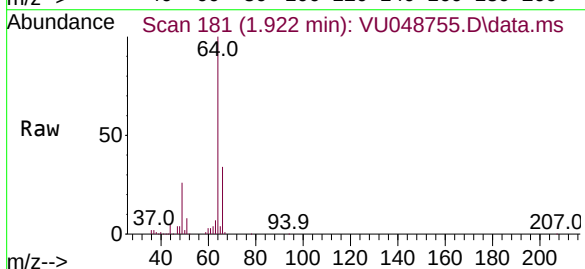
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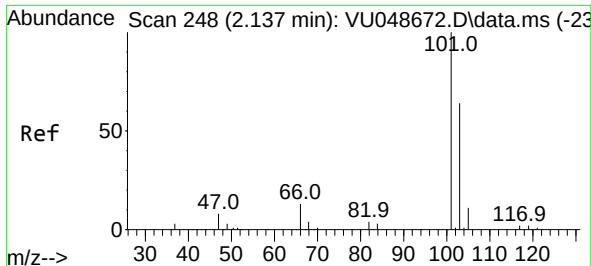
Tgt Ion: 94 Resp: 77162
Ion Ratio Lower Upper
94 100
96 92.0 75.1 112.7



#6
Chloroethane
Concen: 53.703 ug/l
RT: 1.922 min Scan# 181
Delta R.T. -0.010 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 64 Resp: 96114
Ion Ratio Lower Upper
64 100
66 33.9 25.2 37.8

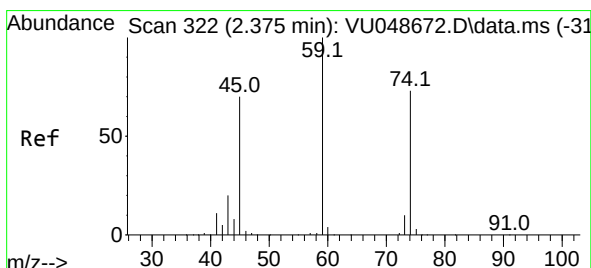
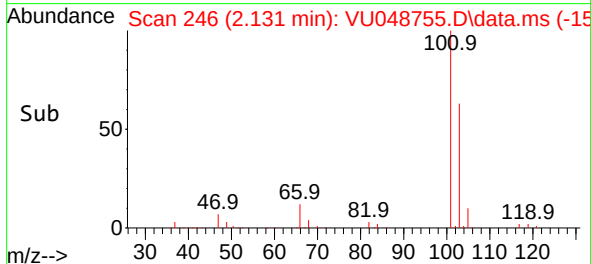
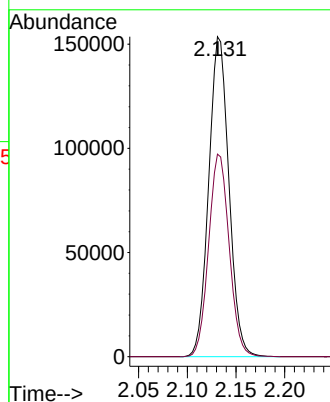
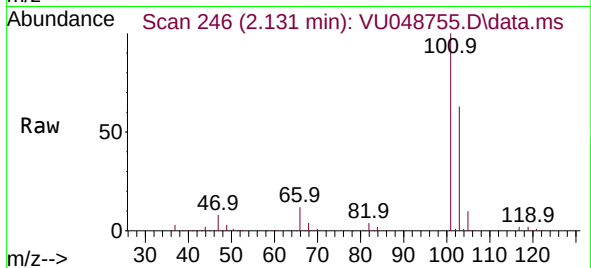




#7
 Trichlorofluoromethane
 Concen: 47.340 ug/l
 RT: 2.131 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VU048755.D
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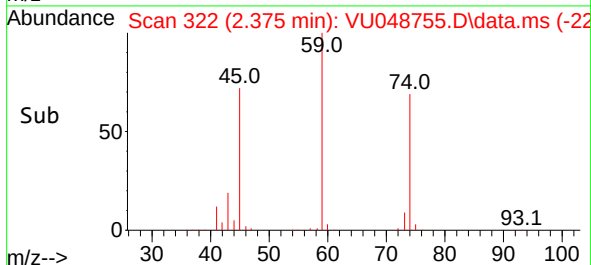
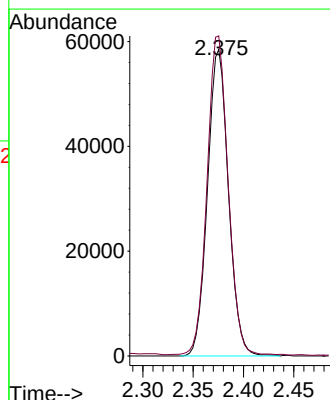
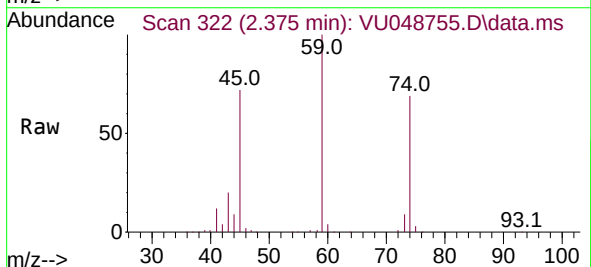
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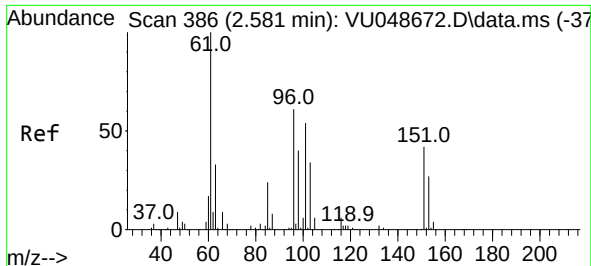
Tgt Ion:101 Resp: 221132
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.0 76.4



#8
 Diethyl Ether
 Concen: 49.126 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VU048755.D
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Tgt Ion: 74 Resp: 84682
 Ion Ratio Lower Upper
 74 100
 45 105.1 47.7 143.1

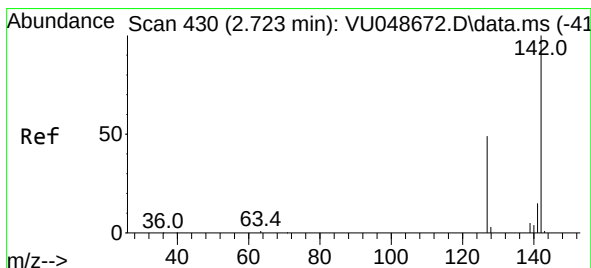
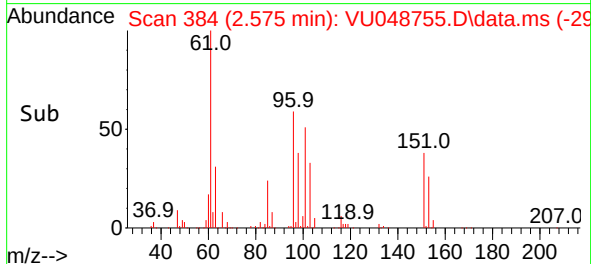
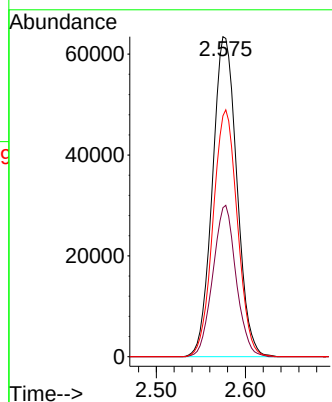
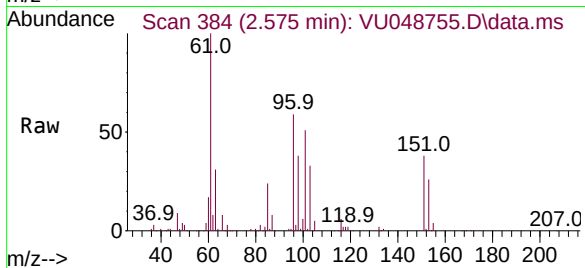




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.300 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.006 min
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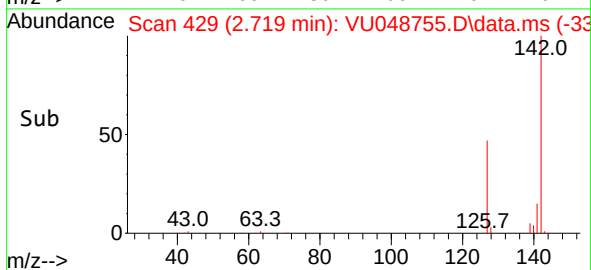
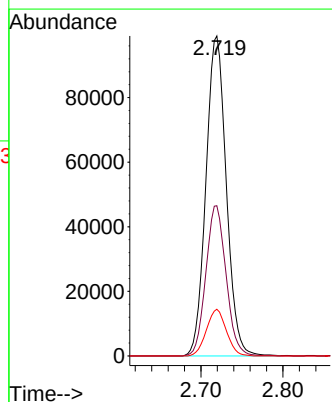
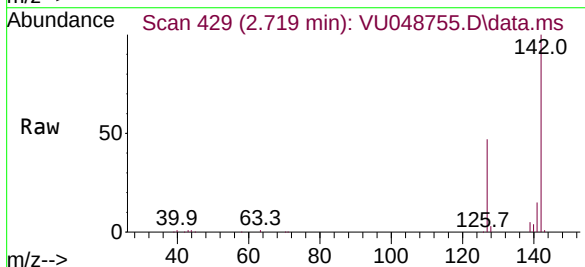
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

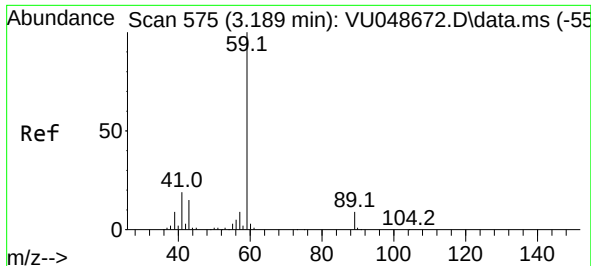
Tgt Ion:101 Resp: 120945
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.2
151 76.7 62.5 93.7



#10
Methyl Iodide
Concen: 45.262 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion:142 Resp: 170758
Ion Ratio Lower Upper
142 100
127 46.6 38.4 57.6
141 14.3 11.5 17.3

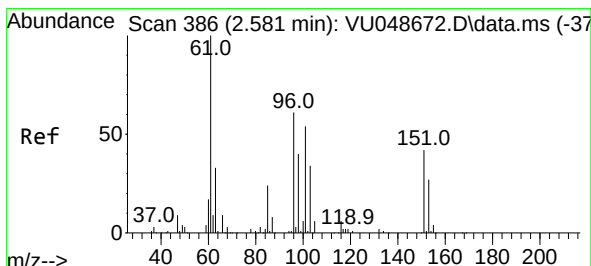
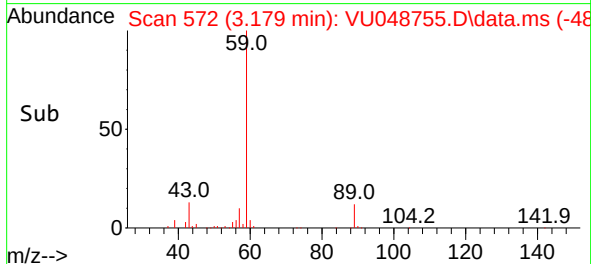
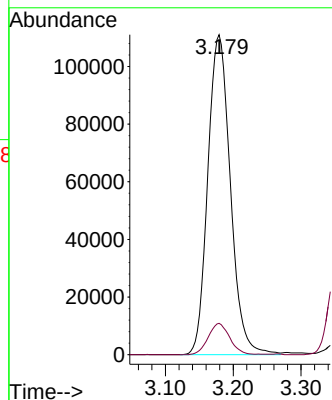
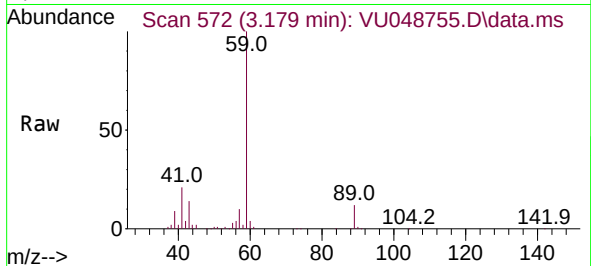




#11
Tert butyl alcohol
Concen: 281.400 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

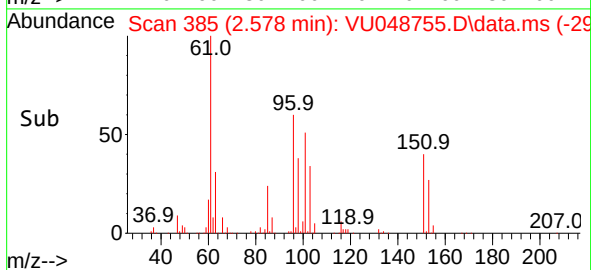
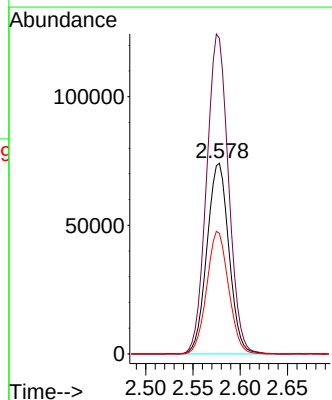
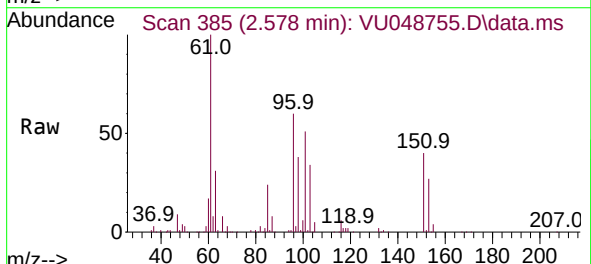
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

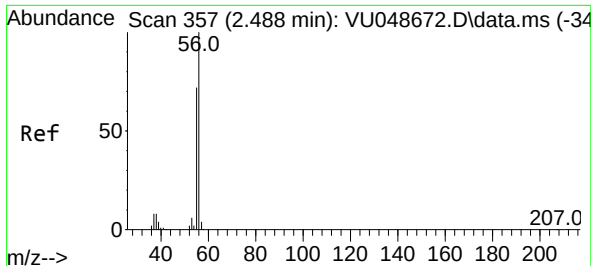
Tgt Ion: 59 Resp: 256744
Ion Ratio Lower Upper
59 100
57 9.4 39.7 59.5#



#12
1,1-Dichloroethene
Concen: 49.295 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 96 Resp: 120227
Ion Ratio Lower Upper
96 100
61 165.6 131.1 196.7
98 63.3 51.8 77.8

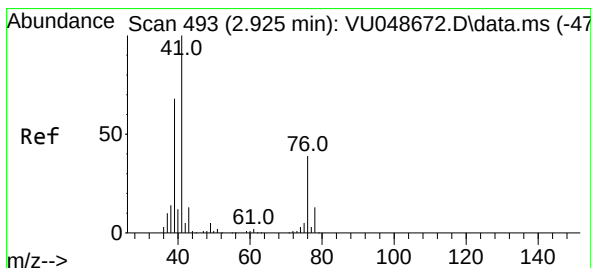
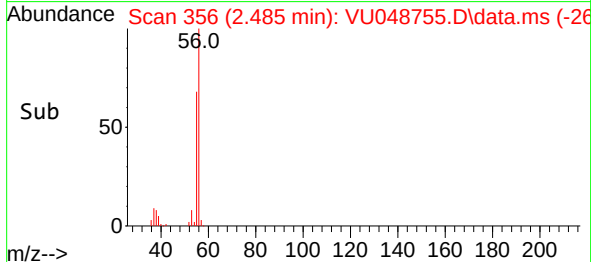
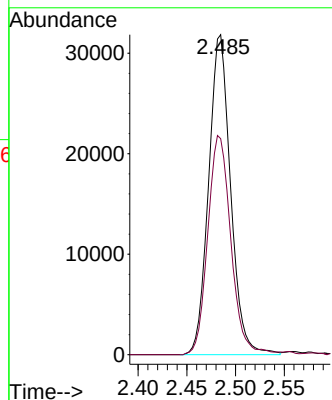
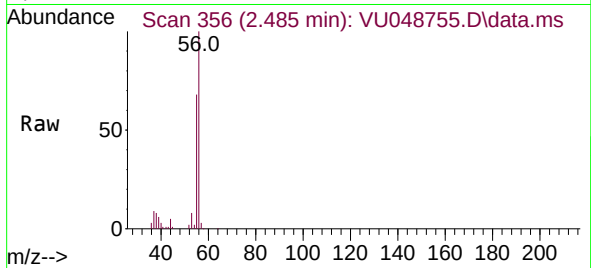




#13
Acrolein
Concen: 164.002 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

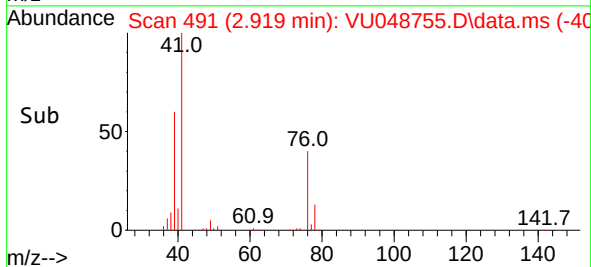
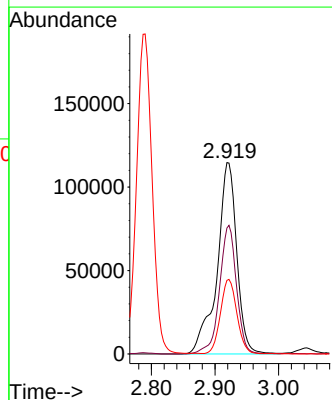
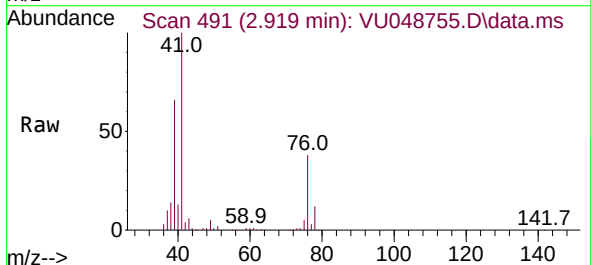
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

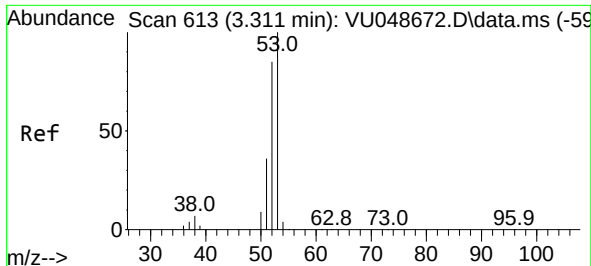
Tgt Ion: 56 Resp: 50028
Ion Ratio Lower Upper
56 100
55 71.8 57.7 86.5



#14
Allyl chloride
Concen: 52.358 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.006 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 41 Resp: 247330
Ion Ratio Lower Upper
41 100
39 57.7 48.6 72.8
76 32.2 27.0 40.4

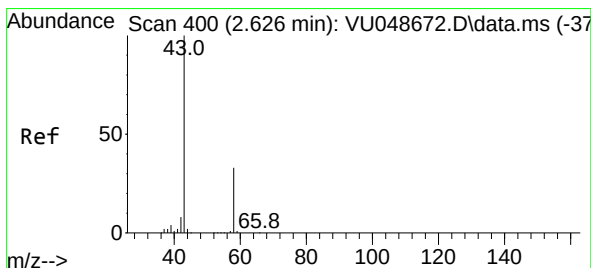
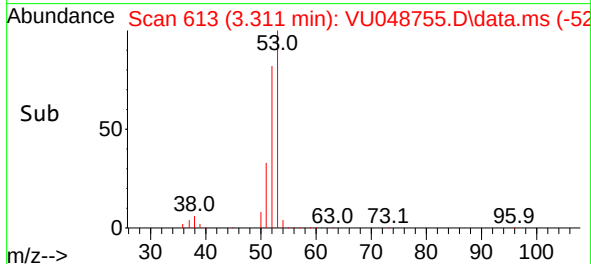
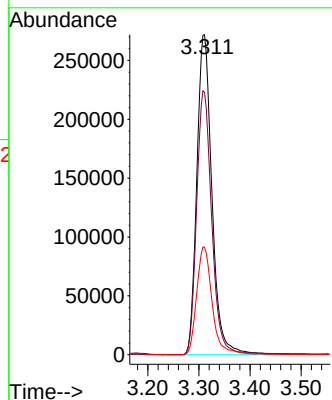
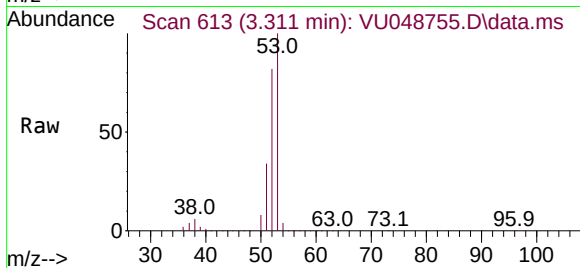




#15
Acrylonitrile
Concen: 282.517 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

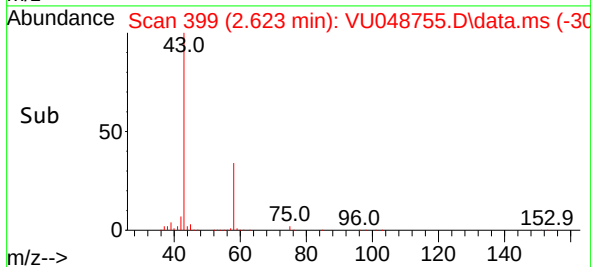
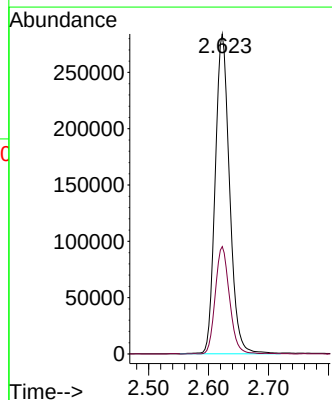
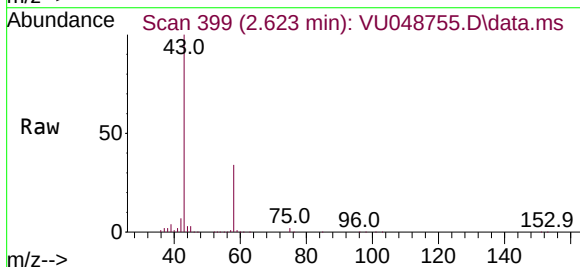
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

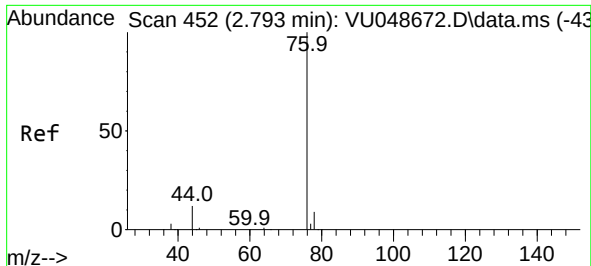
Tgt Ion: 53 Resp: 559041
Ion Ratio Lower Upper
53 100
52 82.4 66.3 99.5
51 34.4 28.6 42.8



#16
Acetone
Concen: 257.428 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 43 Resp: 472125
Ion Ratio Lower Upper
43 100
58 33.6 26.3 39.5

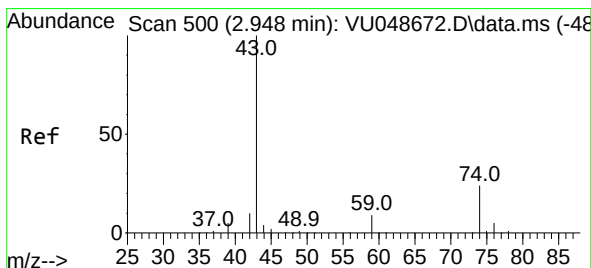
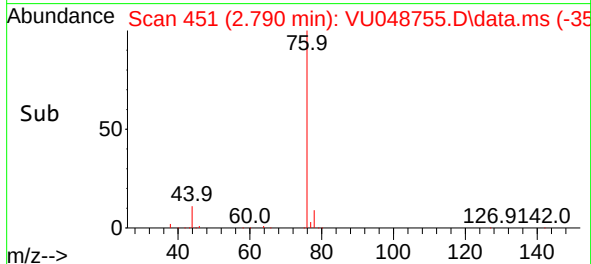
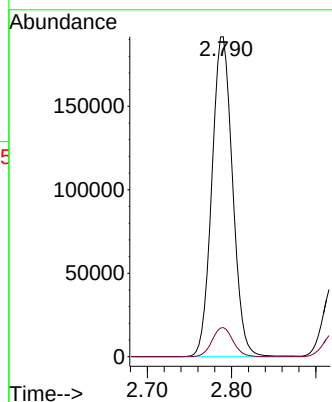
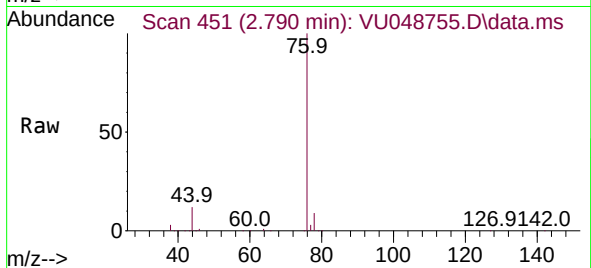




#17
Carbon Disulfide
Concen: 45.914 ug/l
RT: 2.790 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

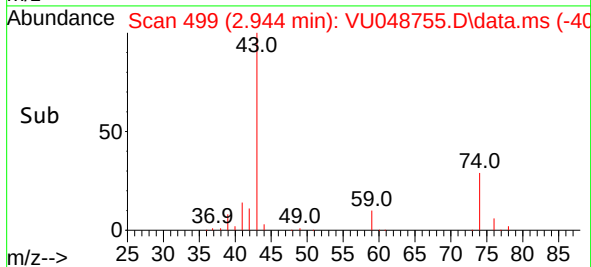
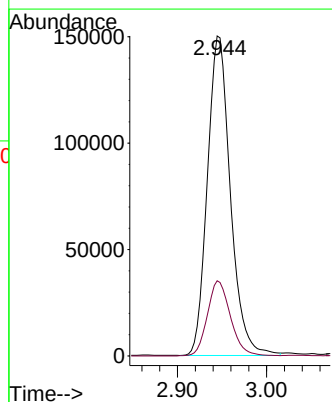
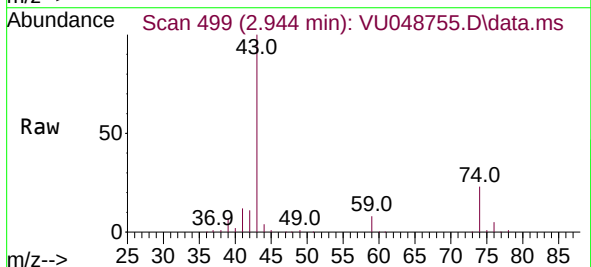
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

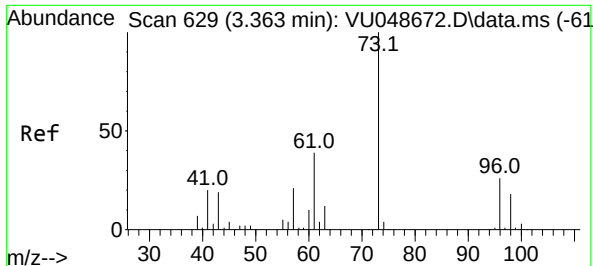
Tgt Ion: 76 Resp: 326899
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 58.436 ug/l
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 43 Resp: 269084
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 52.783 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

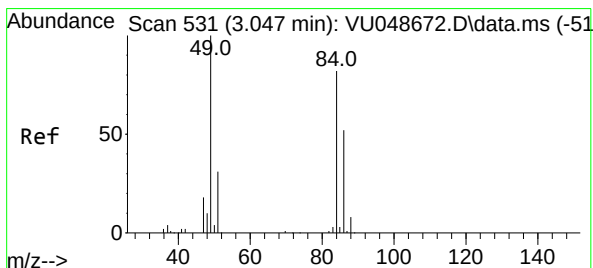
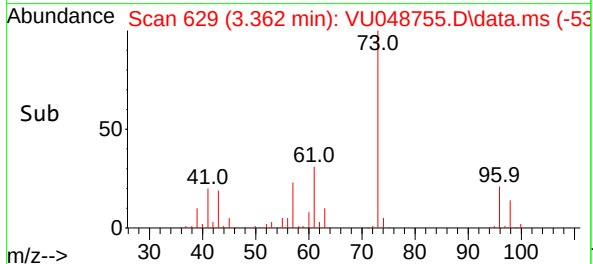
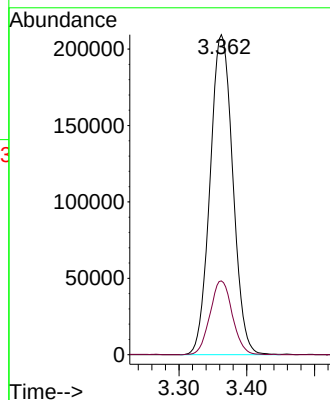
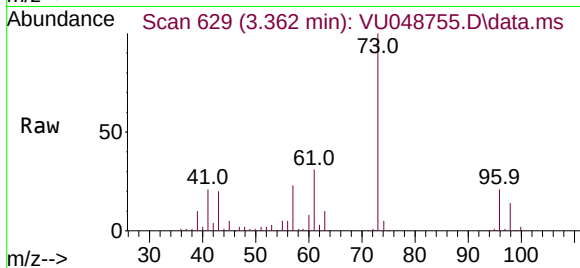
VSTDCCC050

Tgt Ion: 73 Resp: 488460

Ion Ratio Lower Upper

73 100

57 23.0 17.1 25.7



#20

Methylene Chloride

Concen: 51.166 ug/l

RT: 3.041 min Scan# 529

Delta R.T. -0.007 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Tgt Ion: 84 Resp: 159575

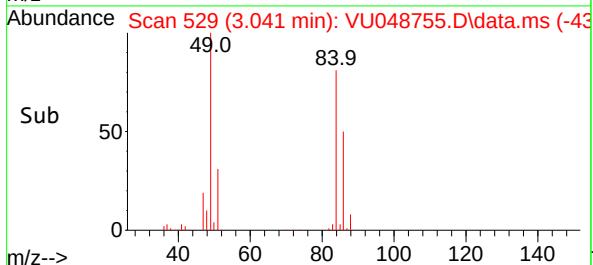
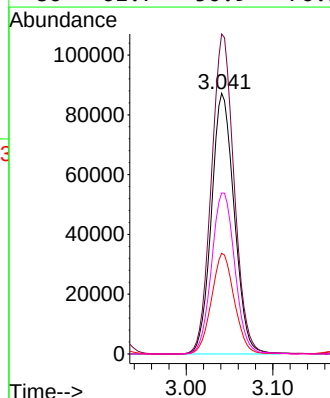
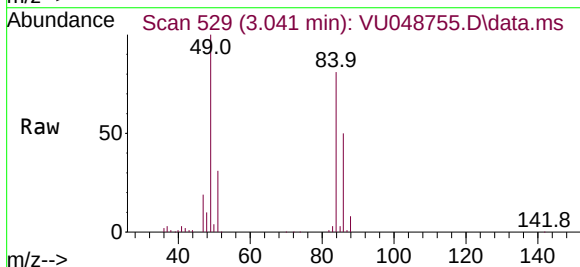
Ion Ratio Lower Upper

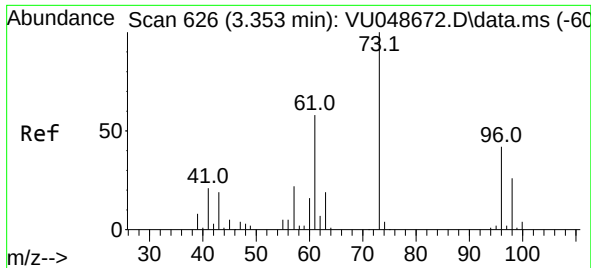
84 100

49 122.8 97.0 145.4

51 38.6 29.8 44.8

86 61.7 50.9 76.3

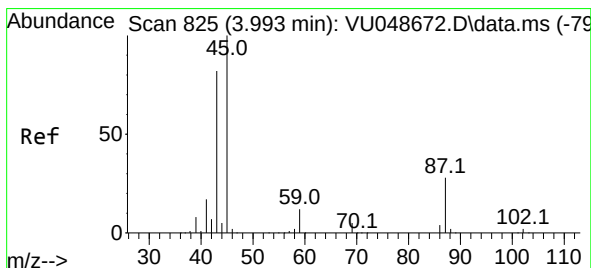
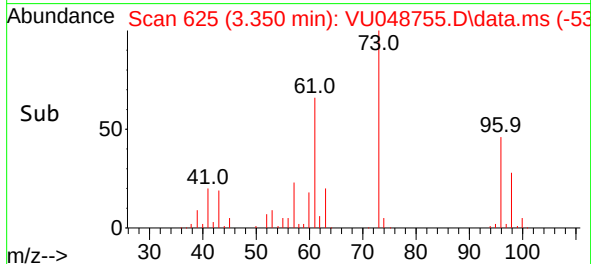
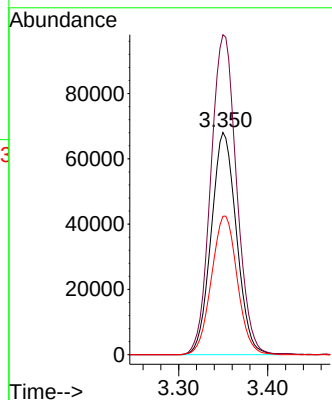
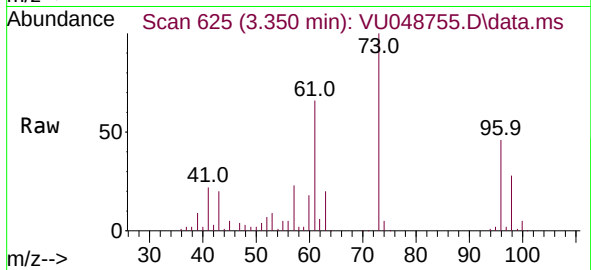




#21
trans-1,2-Dichloroethene
Concen: 48.161 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

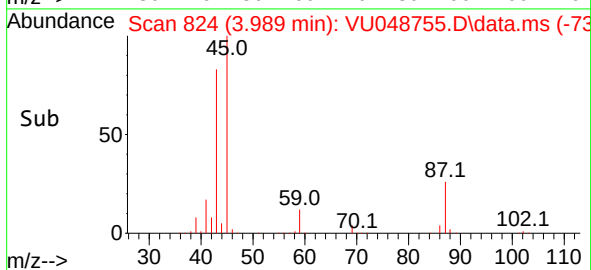
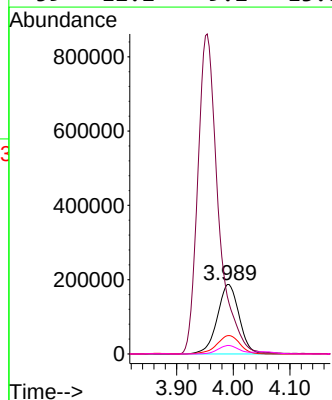
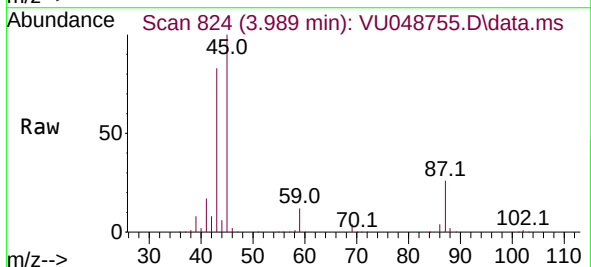
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

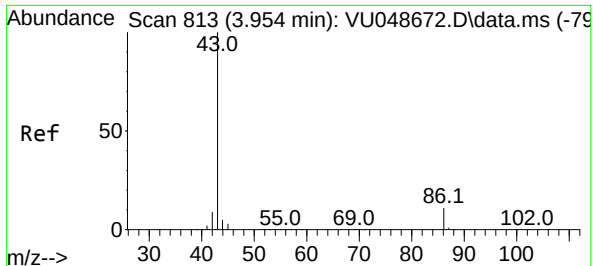
Tgt Ion: 96 Resp: 134360
Ion Ratio Lower Upper
96 100
61 144.0 109.4 164.2
98 62.3 48.9 73.3



#22
Diisopropyl ether
Concen: 57.348 ug/l
RT: 3.989 min Scan# 824
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 45 Resp: 499707
Ion Ratio Lower Upper
45 100
43 83.1 65.2 97.8
87 26.2 22.7 34.1
59 12.2 9.2 13.8

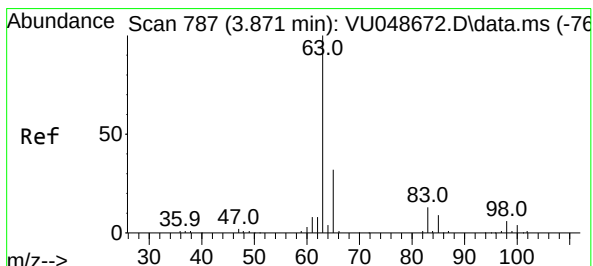
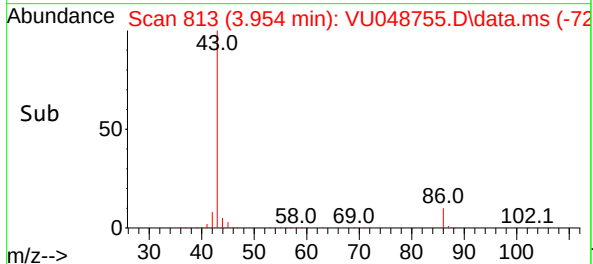
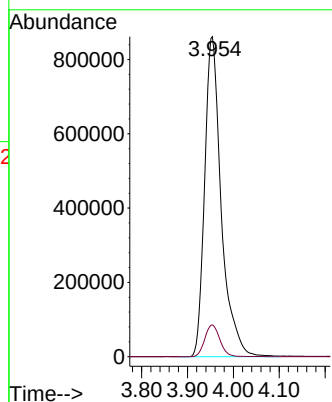
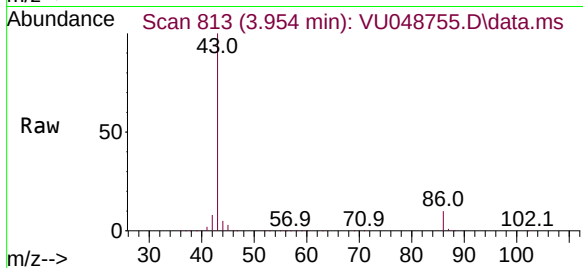




#23
 Vinyl Acetate
 Concen: 286.943 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

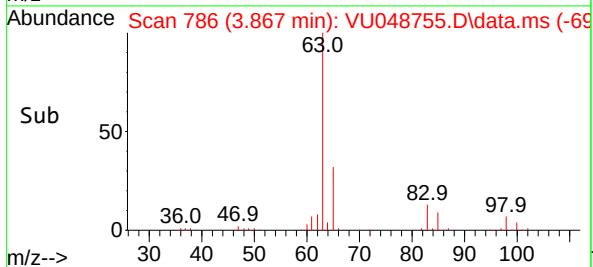
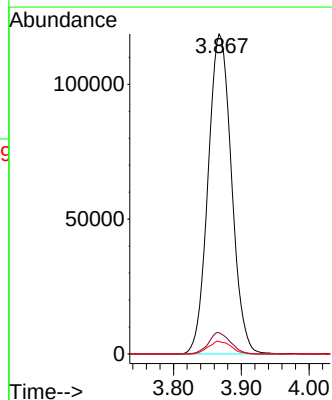
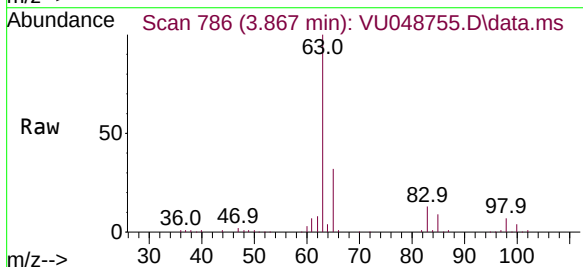
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

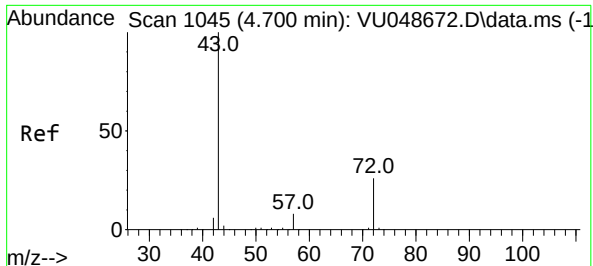
Tgt Ion: 43 Resp: 2166297
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 52.050 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. -0.003 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

Tgt Ion: 63 Resp: 284847
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.3
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 287.380 ug/l

RT: 4.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

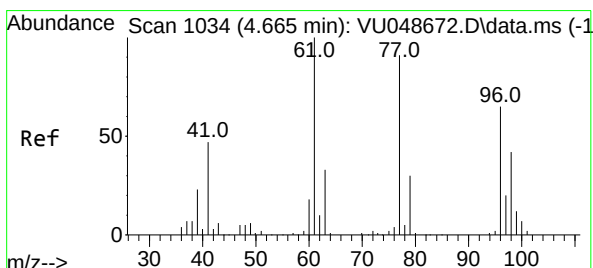
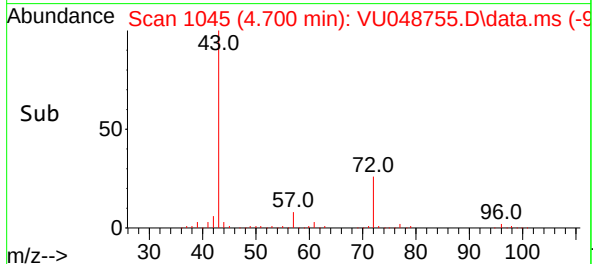
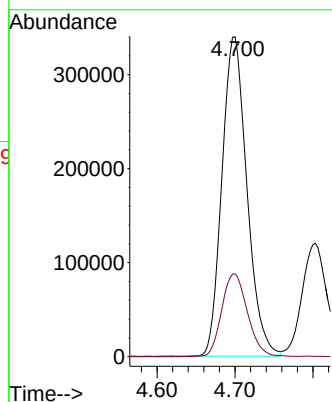
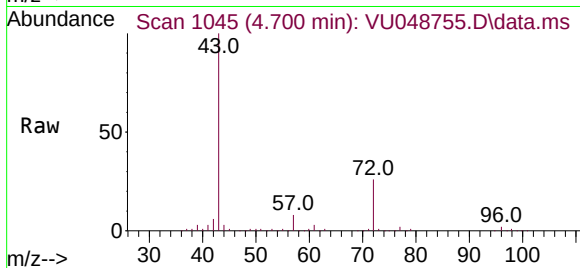
VSTDCCC050

Tgt Ion: 43 Resp: 757166

Ion Ratio Lower Upper

43 100

72 25.9 21.1 31.7



#26

2,2-Dichloropropane

Concen: 37.538 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048755.D

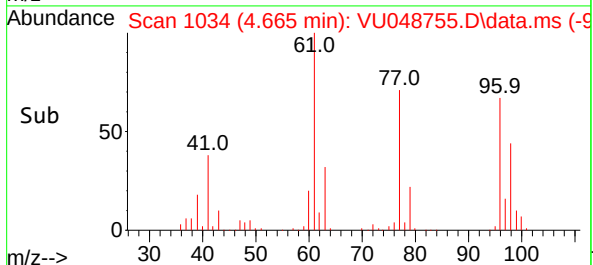
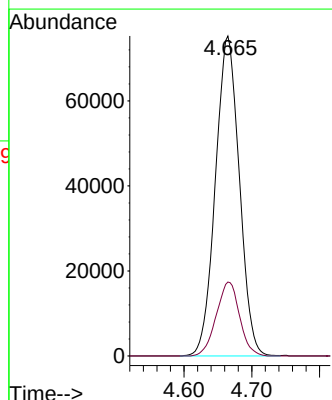
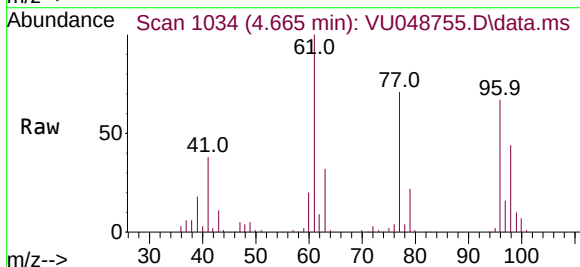
Acq: 31 May 2022 21:52

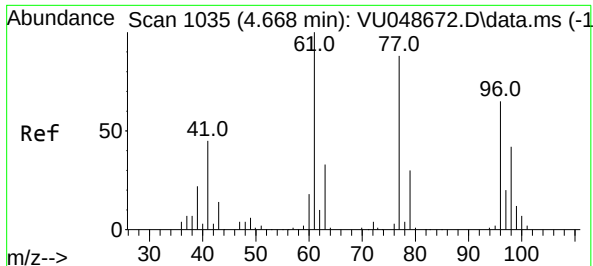
Tgt Ion: 77 Resp: 184301

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.229 ug/l

RT: 4.668 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

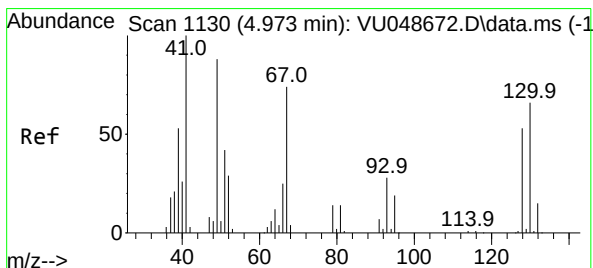
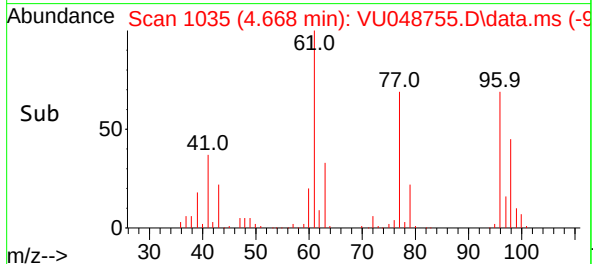
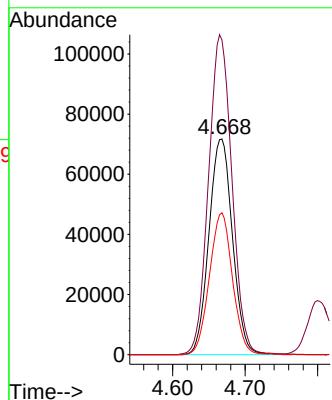
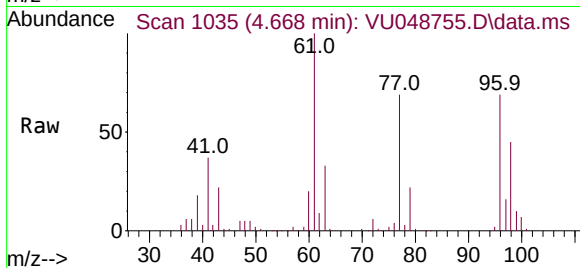
Tgt Ion: 96 Resp: 162200

Ion Ratio Lower Upper

96 100

61 147.1 0.0 306.2

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 56.002 ug/l

RT: 4.973 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

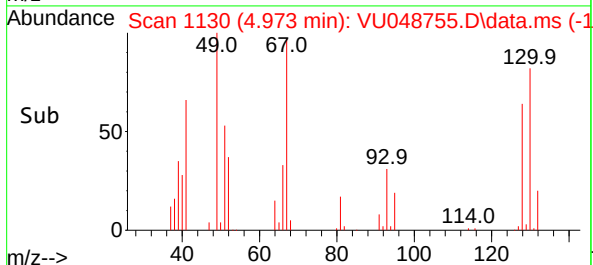
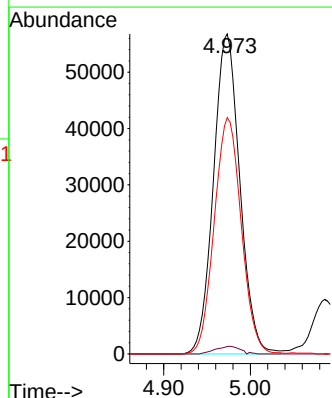
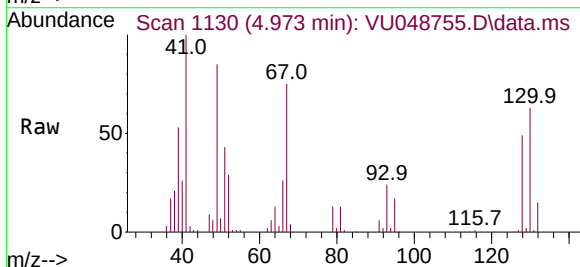
Tgt Ion: 49 Resp: 120212

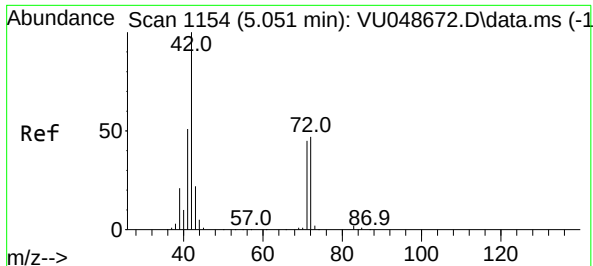
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 75.6 62.1 93.1

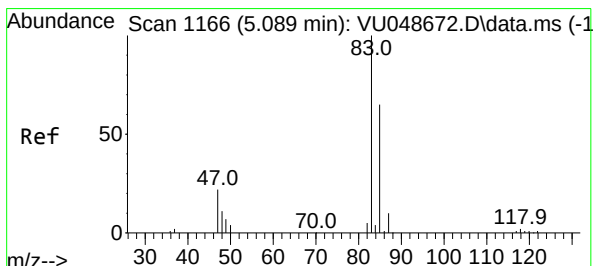
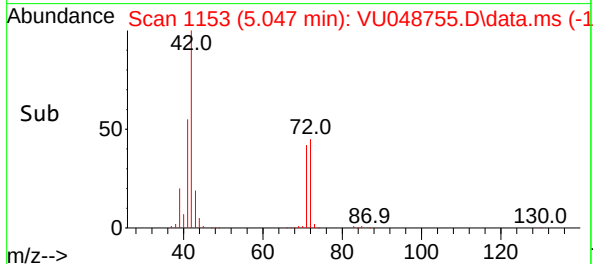
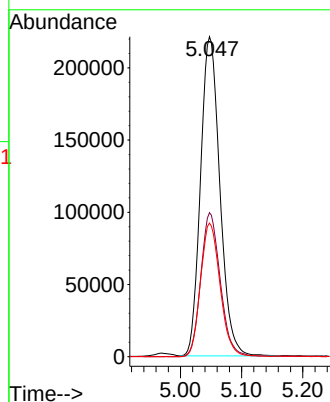
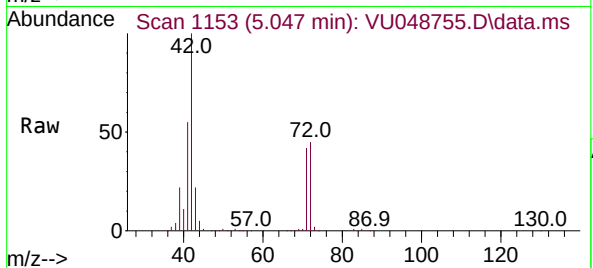




#29
Tetrahydrofuran
Concen: 292.741 ug/l
RT: 5.047 min Scan# 1153
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

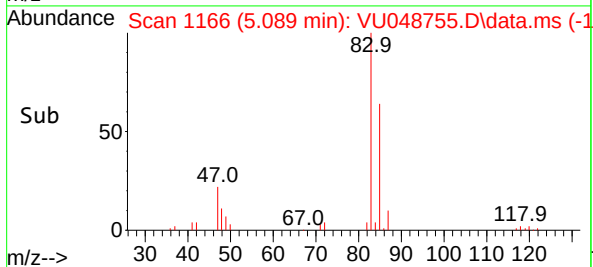
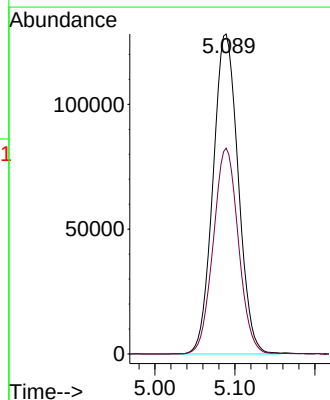
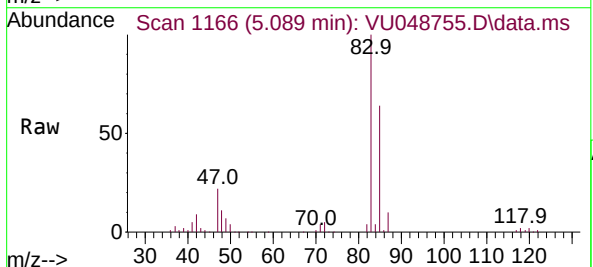
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

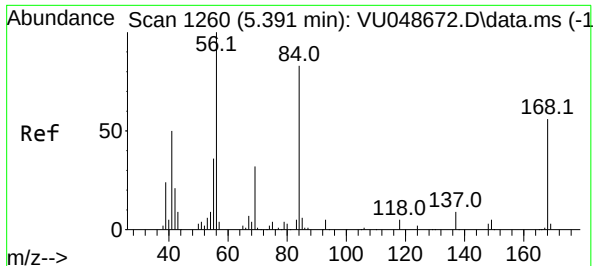
Tgt Ion: 42 Resp: 485830
Ion Ratio Lower Upper
42 100
72 45.3 37.6 56.4
71 42.3 35.0 52.4



#30
Chloroform
Concen: 51.166 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 83 Resp: 280172
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.2





#31

Cyclohexane

Concen: 50.059 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument:

MSVOA_U

ClientSampleId:

VSTDCCC050

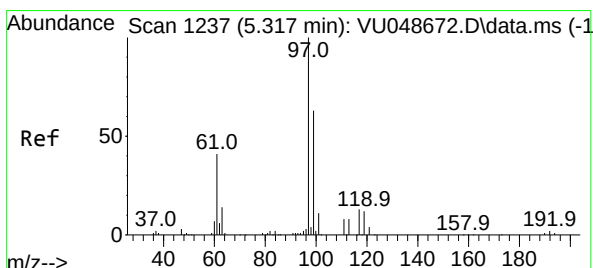
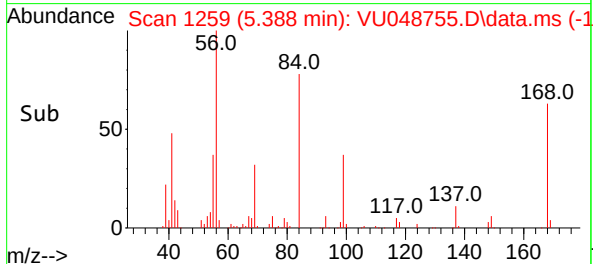
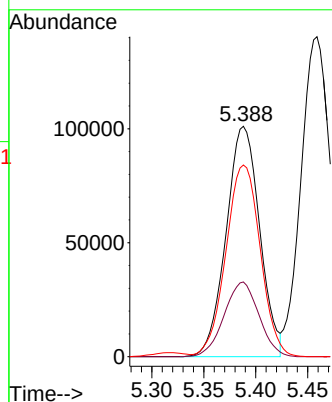
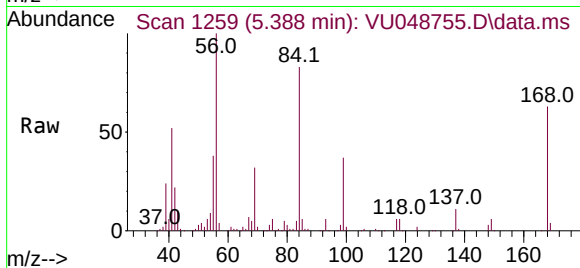
Tgt Ion: 56 Resp: 227028

Ion Ratio Lower Upper

56 100

69 32.4 25.6 38.4

84 81.8 66.2 99.4



#32

1,1,1-Trichloroethane

Concen: 49.459 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

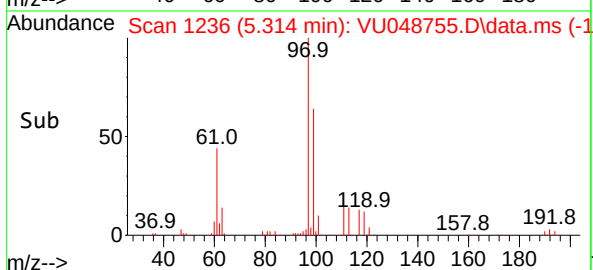
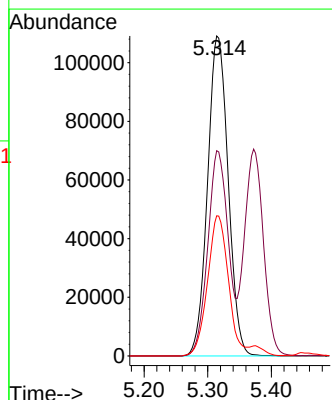
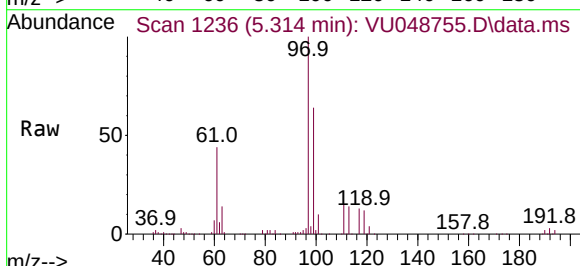
Tgt Ion: 97 Resp: 245707

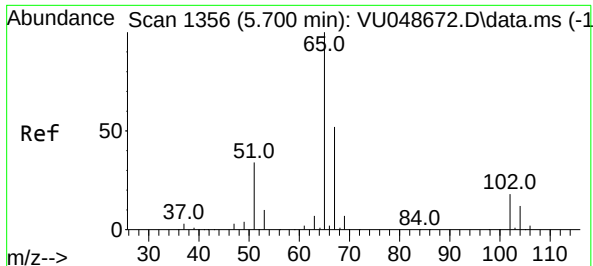
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 44.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.114 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

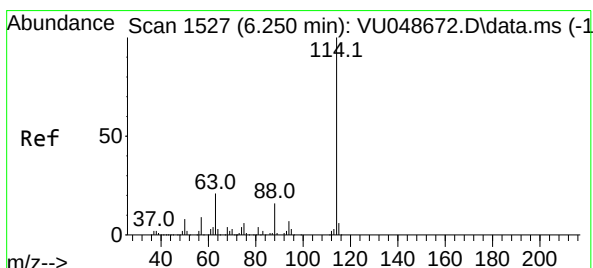
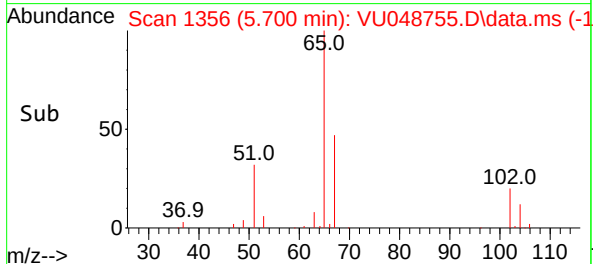
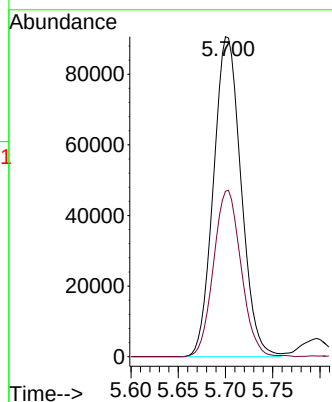
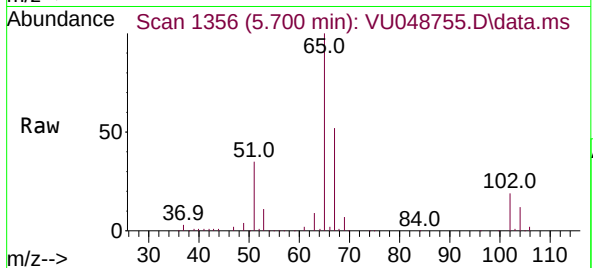
VSTDCCC050

Tgt Ion: 65 Resp: 183946

Ion Ratio Lower Upper

65 100

67 51.9 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: VU048755.D

Acq: 31 May 2022 21:52

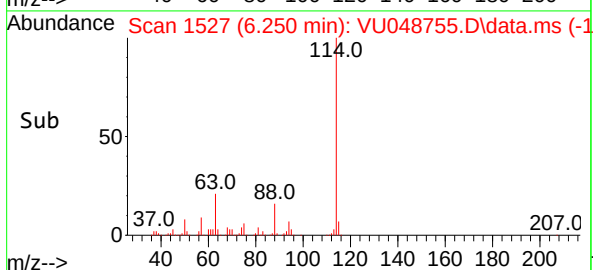
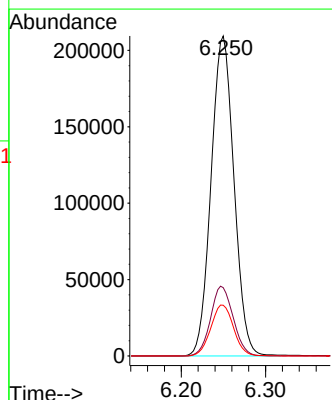
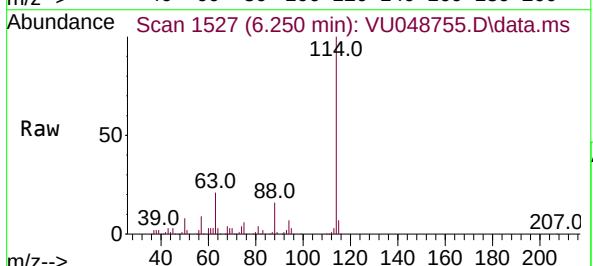
Tgt Ion: 114 Resp: 394836

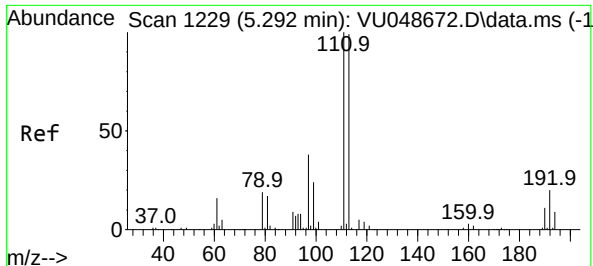
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.8 0.0 32.2

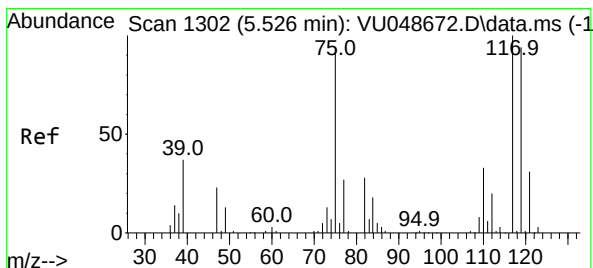
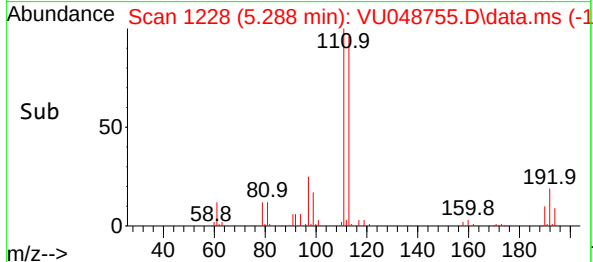
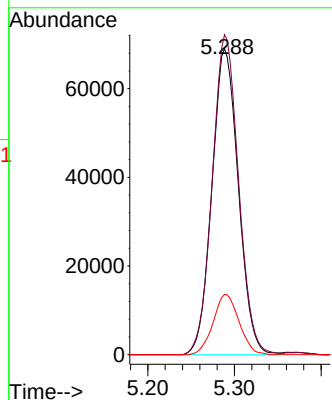
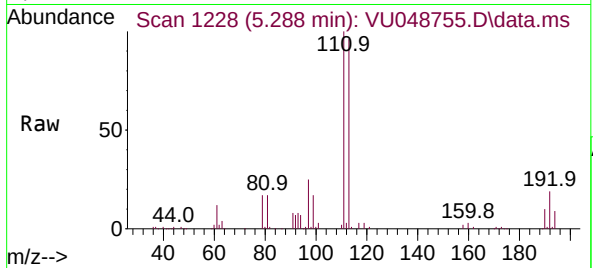




#35
Dibromofluoromethane
Concen: 51.864 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

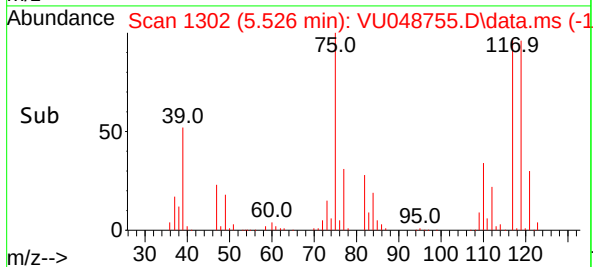
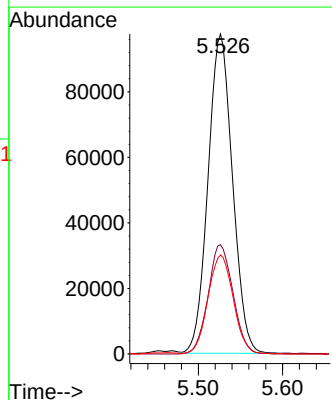
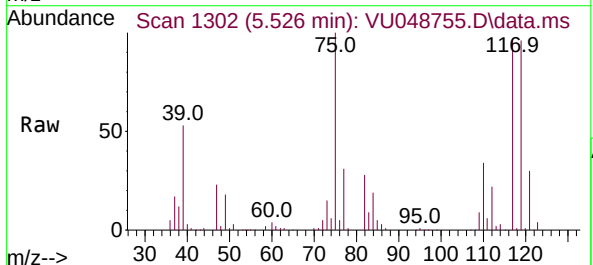
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

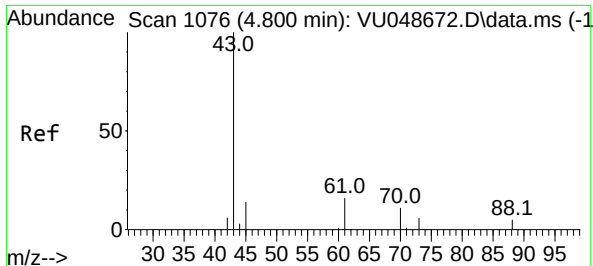
Tgt Ion:113 Resp: 146094
Ion Ratio Lower Upper
113 100
111 104.1 80.7 121.1
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.785 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 75 Resp: 196451
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.3
77 31.7 24.8 37.2

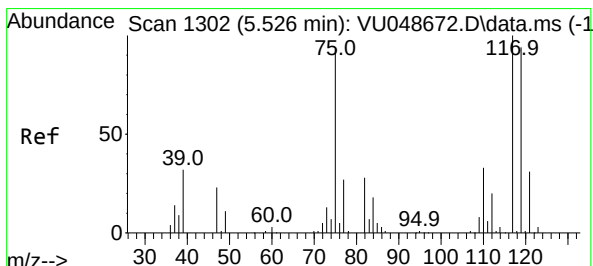
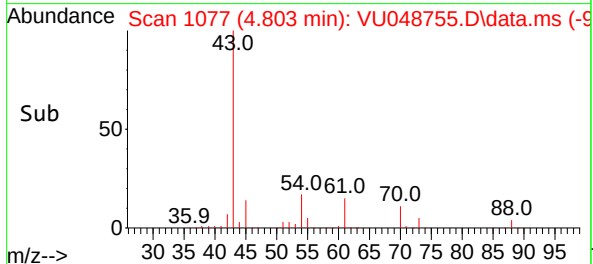
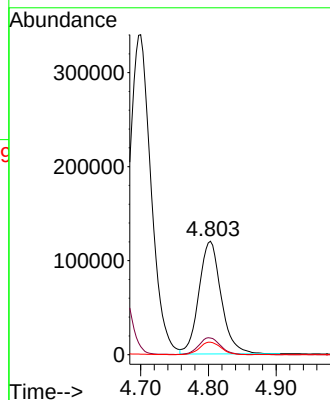
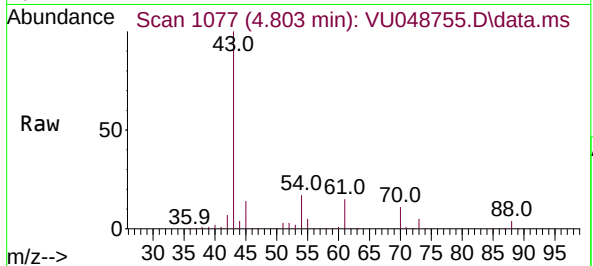




#37
Ethyl Acetate
Concen: 52.652 ug/l
RT: 4.803 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

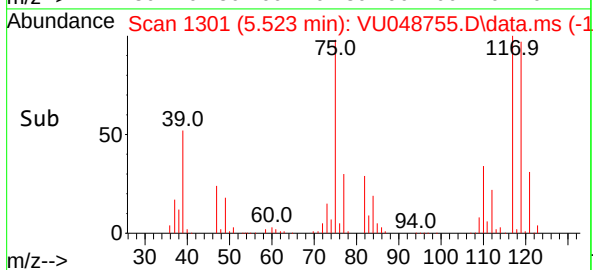
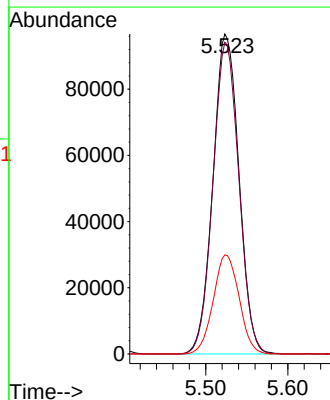
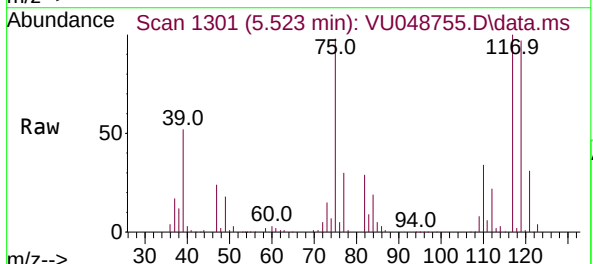
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

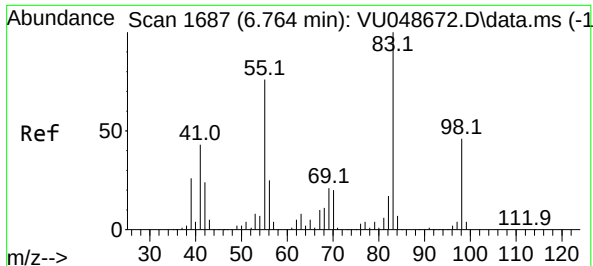
Tgt Ion: 43 Resp: 273647
Ion Ratio Lower Upper
43 100
61 14.4 11.7 17.5
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 45.231 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 117 Resp: 213335
Ion Ratio Lower Upper
117 100
119 97.4 75.4 113.2
121 30.9 24.6 36.8





#39

Methylcyclohexane

Concen: 49.686 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

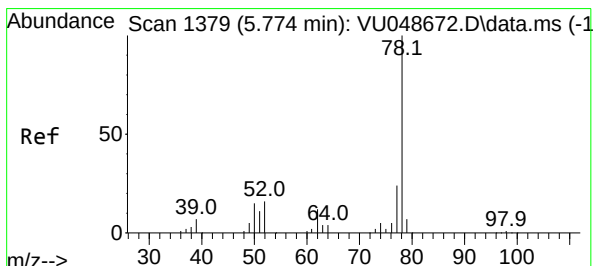
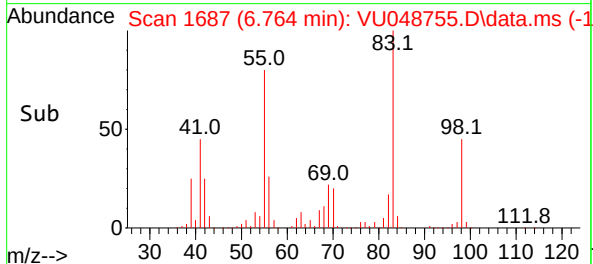
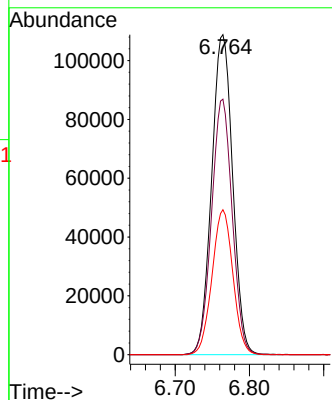
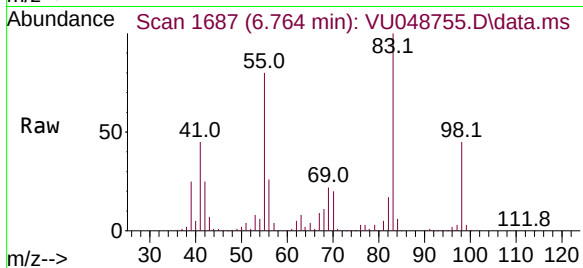
Tgt Ion: 83 Resp: 214181

Ion Ratio Lower Upper

83 100

55 79.9 61.0 91.6

98 45.3 36.8 55.2



#40

Benzene

Concen: 49.035 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048755.D

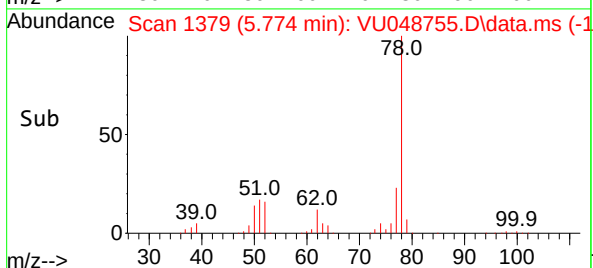
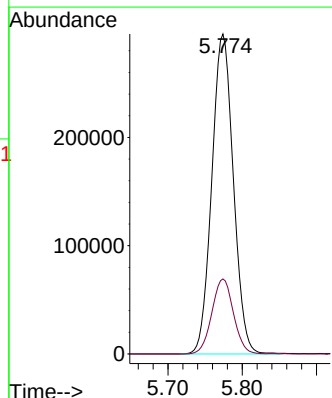
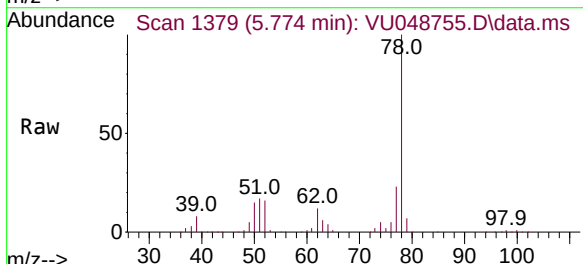
Acq: 31 May 2022 21:52

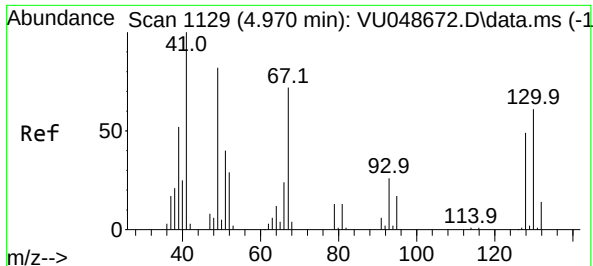
Tgt Ion: 78 Resp: 595156

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



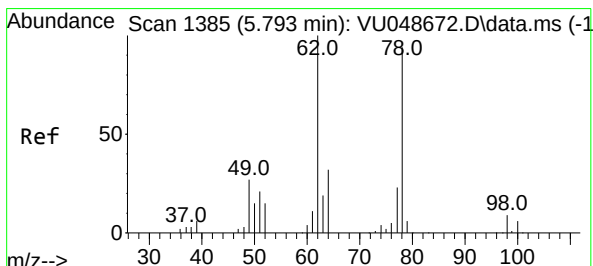
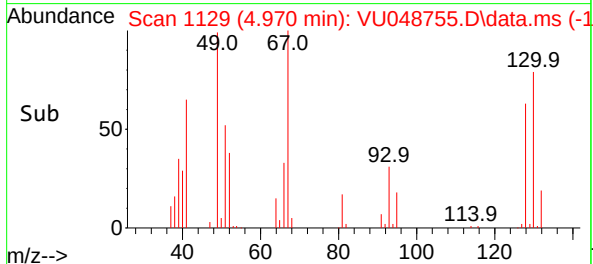
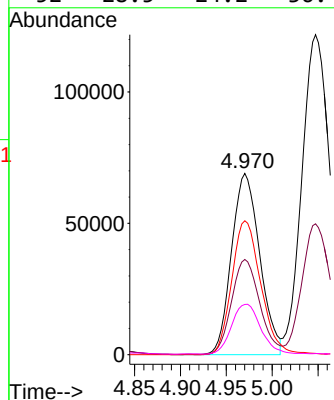
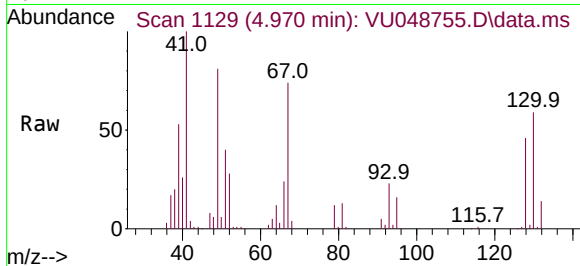


#41
Methacrylonitrile
Concen: 56.336 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 147957

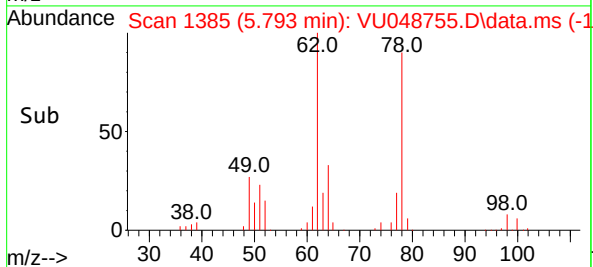
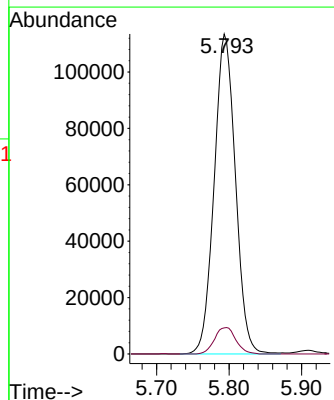
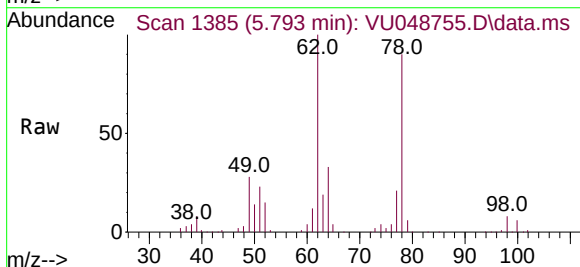
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.6	64.0
67	76.1	61.0	91.4
52	28.5	24.2	36.4

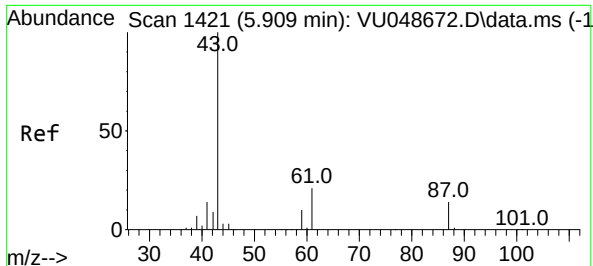


#42
1,2-Dichloroethane
Concen: 48.635 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 62 Resp: 231072

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 53.840 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

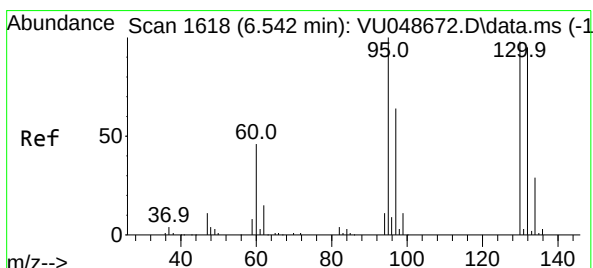
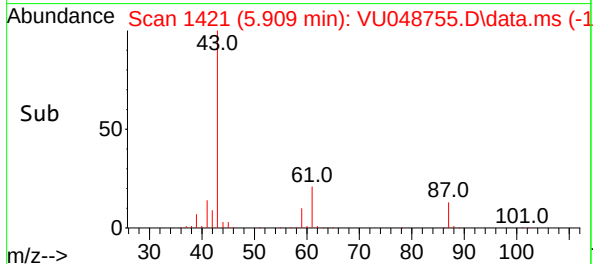
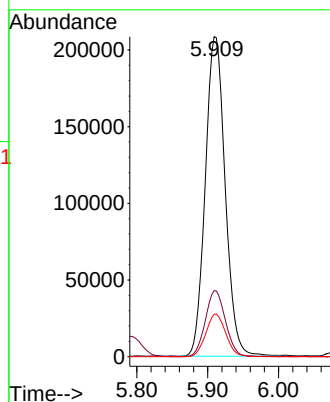
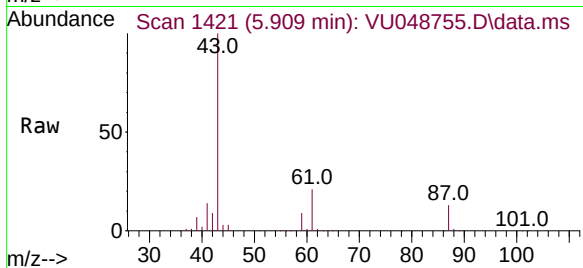
Tgt Ion: 43 Resp: 406132

Ion Ratio Lower Upper

43 100

61 20.9 16.7 25.1

87 13.4 10.9 16.3



#44

Trichloroethene

Concen: 46.280 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU048755.D

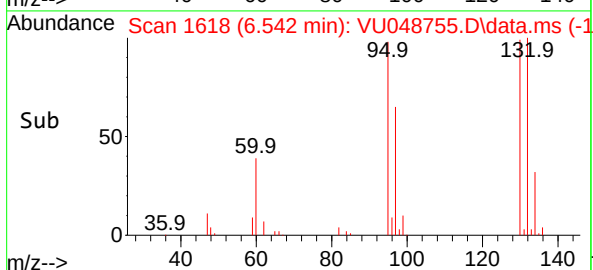
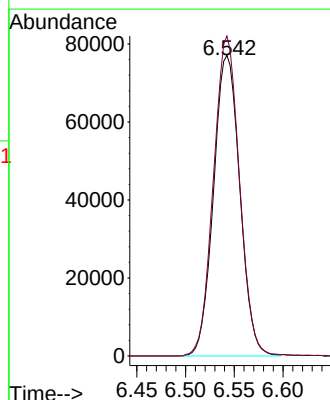
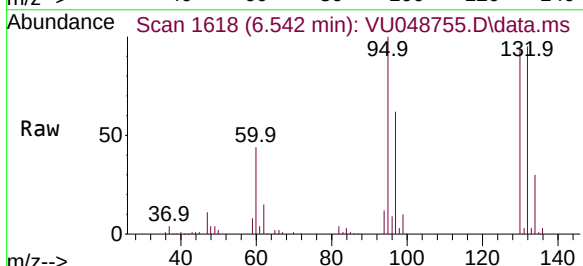
Acq: 31 May 2022 21:52

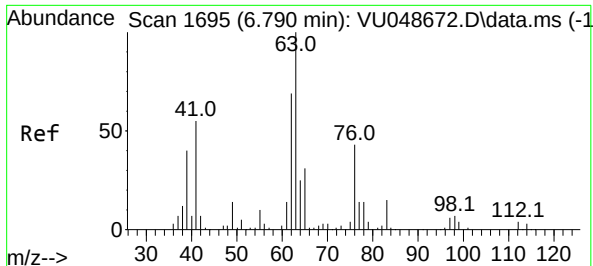
Tgt Ion:130 Resp: 144714

Ion Ratio Lower Upper

130 100

95 106.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 56.041 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

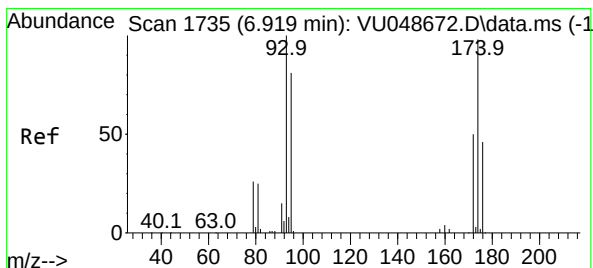
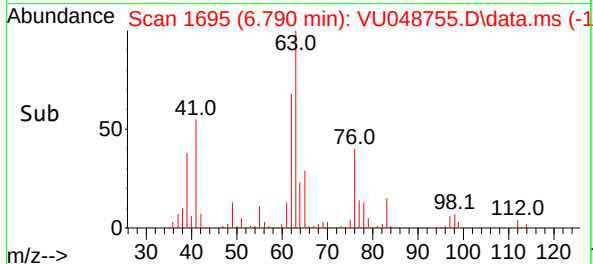
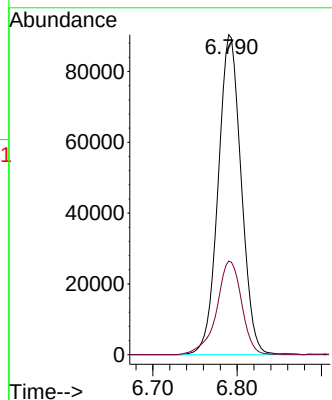
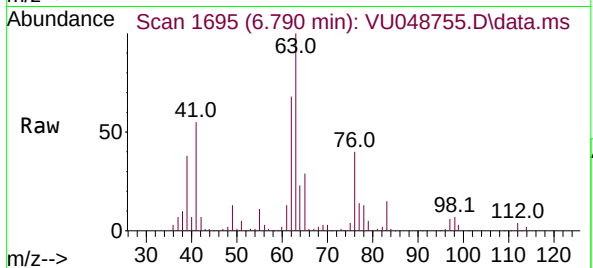
VSTDCCC050

Tgt Ion: 63 Resp: 171239

Ion Ratio Lower Upper

63 100

65 29.1 24.8 37.2



#46

Dibromomethane

Concen: 51.373 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

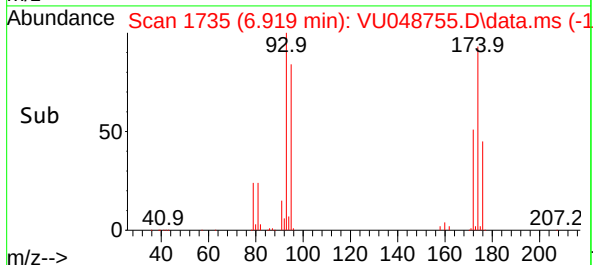
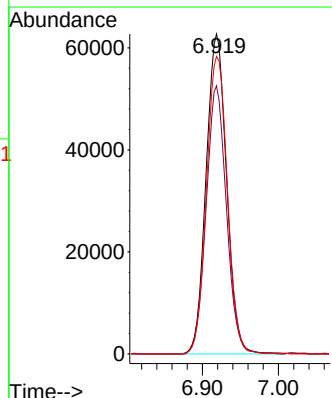
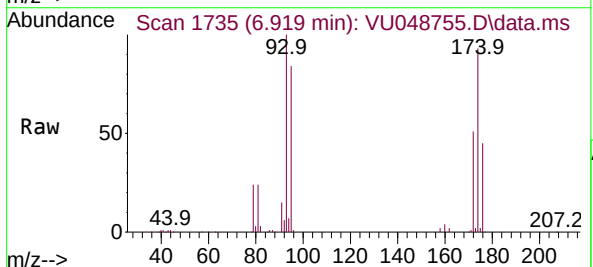
Tgt Ion: 93 Resp: 117278

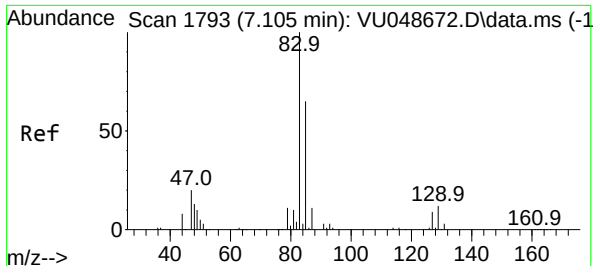
Ion Ratio Lower Upper

93 100

95 83.0 65.1 97.7

174 94.9 77.8 116.6

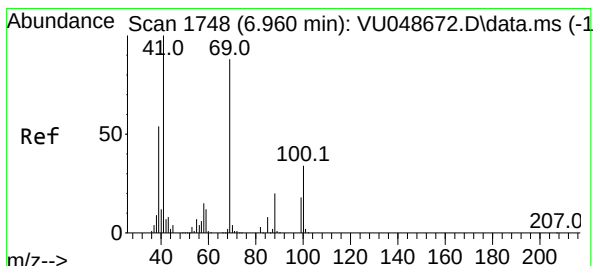
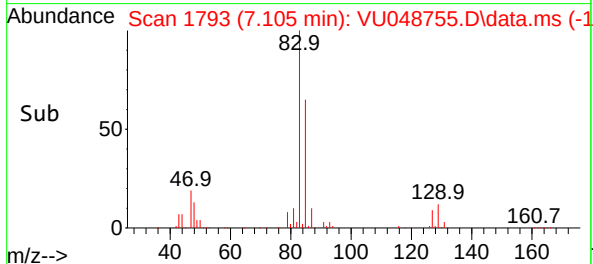
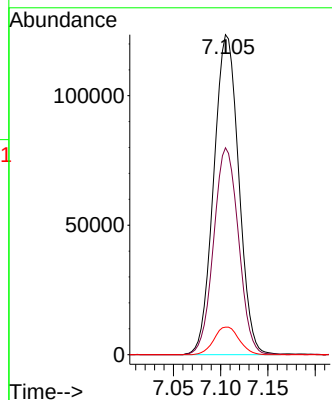
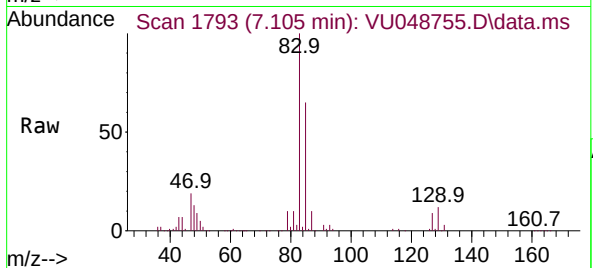




#47
Bromodichloromethane
Concen: 49.263 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

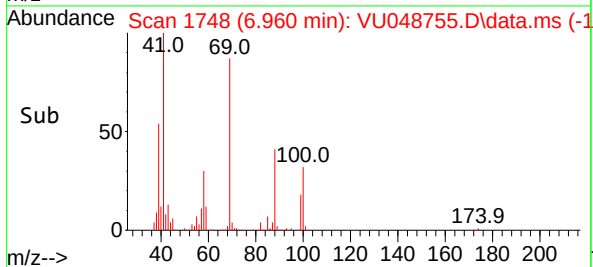
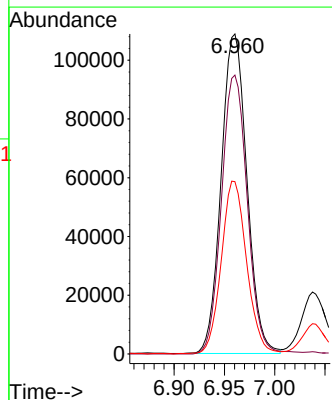
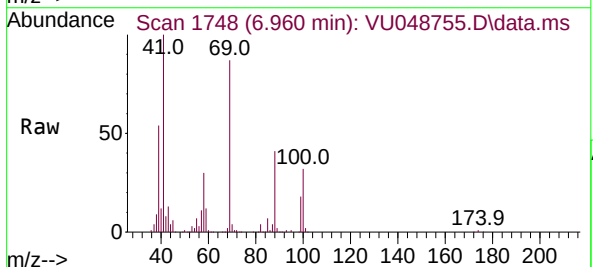
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

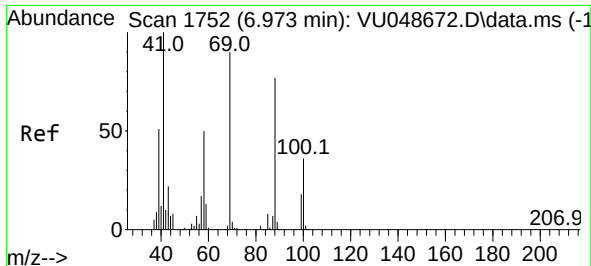
Tgt Ion: 83 Resp: 227424
Ion Ratio Lower Upper
83 100
85 64.6 52.1 78.1
127 8.6 6.9 10.3



#48
Methyl methacrylate
Concen: 57.315 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 41 Resp: 194090
Ion Ratio Lower Upper
41 100
69 87.7 70.7 106.1
39 53.3 43.4 65.2





#49

1,4-Dioxane

Concen: 1088.069 ug/l

RT: 6.960 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

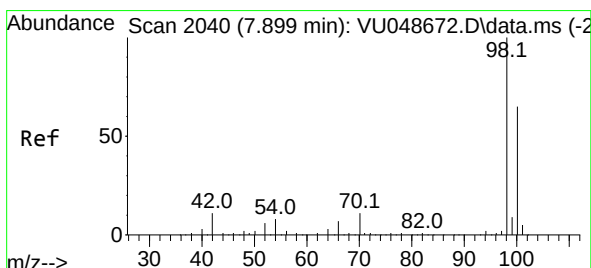
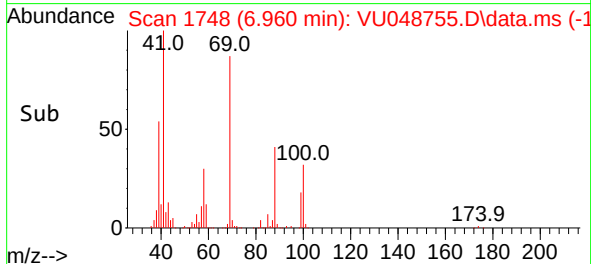
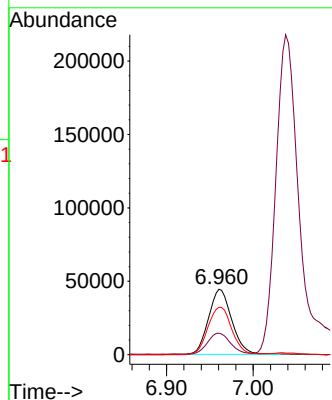
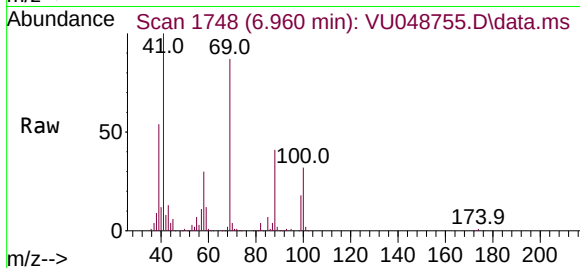
Tgt Ion: 88 Resp: 82367

Ion Ratio Lower Upper

88 100

43 31.6 24.6 36.8

58 75.1 54.7 82.1



#50

Toluene-d8

Concen: 51.089 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU048755.D

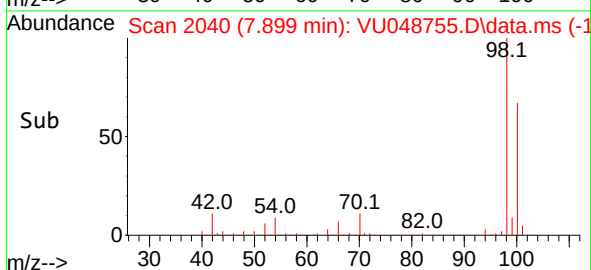
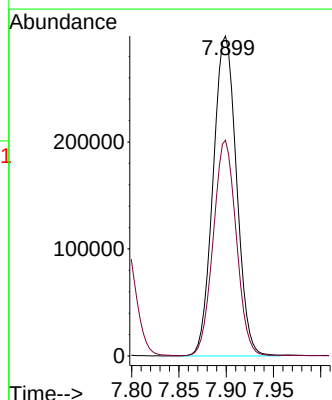
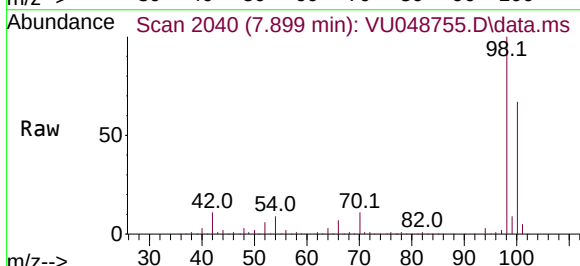
Acq: 31 May 2022 21:52

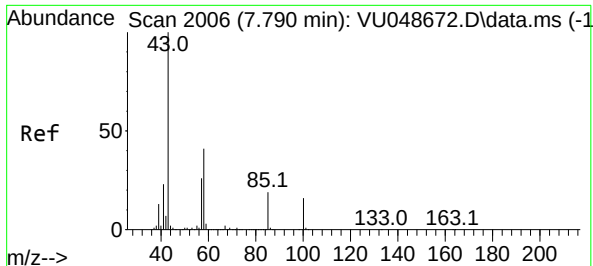
Tgt Ion: 98 Resp: 515866

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 284.472 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

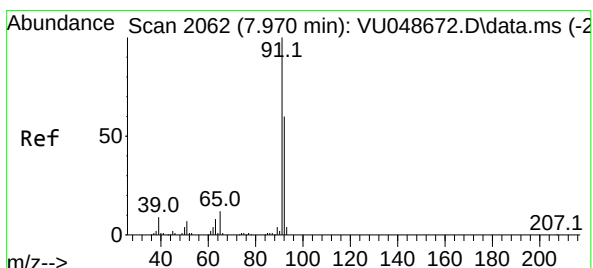
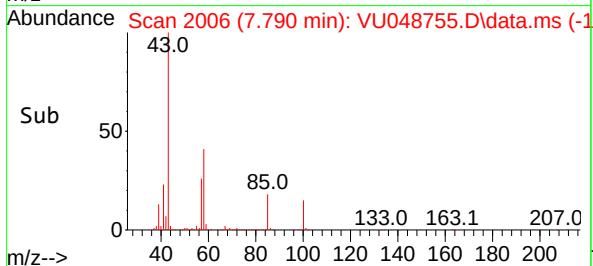
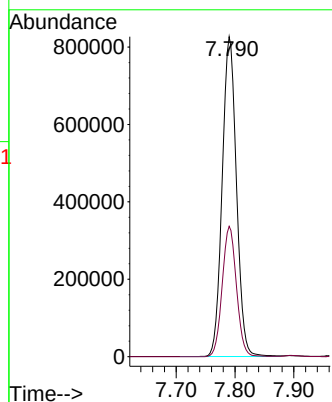
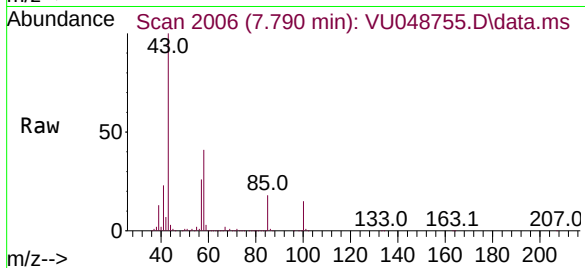
VSTDCCC050

Tgt Ion: 43 Resp: 1393361

Ion Ratio Lower Upper

43 100

58 40.6 32.7 49.1



#52

Toluene

Concen: 51.295 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048755.D

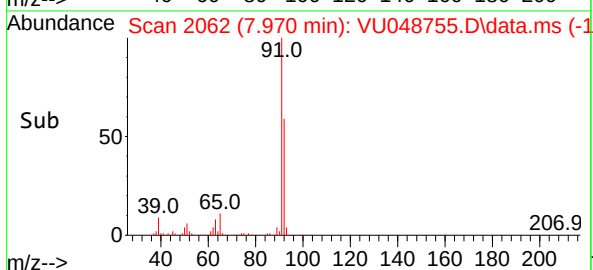
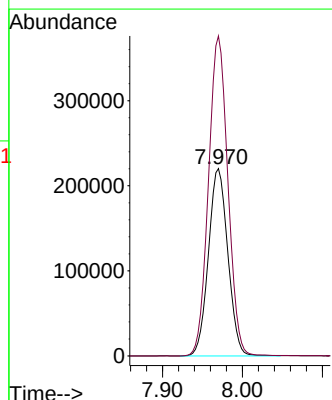
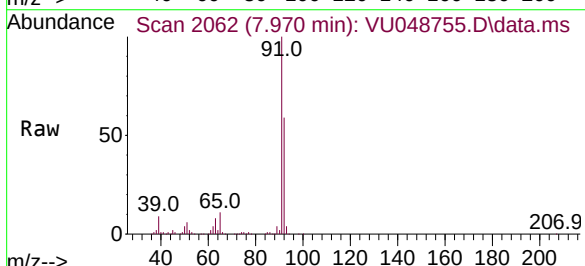
Acq: 31 May 2022 21:52

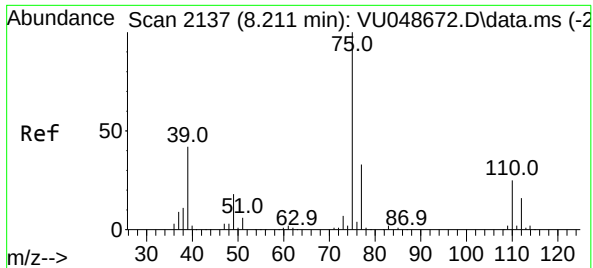
Tgt Ion: 92 Resp: 372398

Ion Ratio Lower Upper

92 100

91 170.6 135.0 202.4

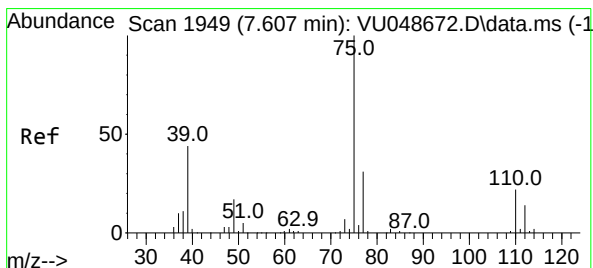
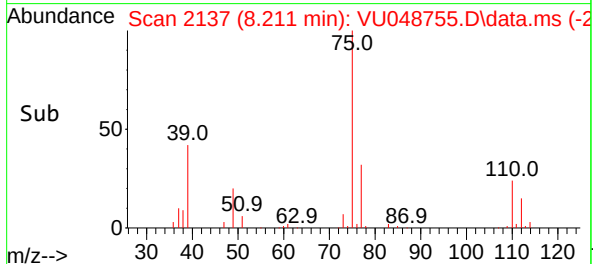
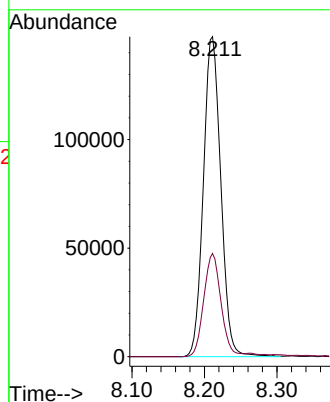
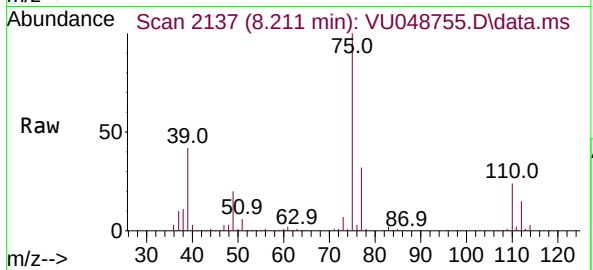




#53
t-1,3-Dichloropropene
Concen: 49.441 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

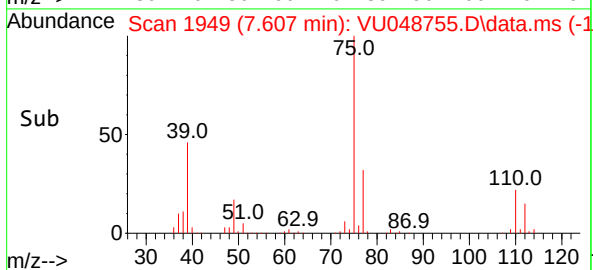
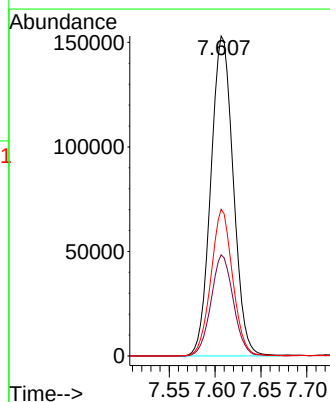
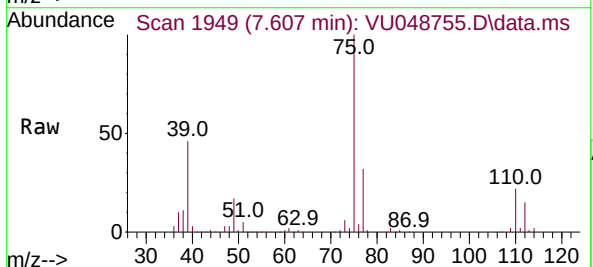
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

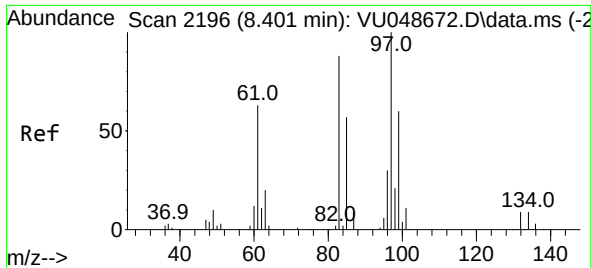
Tgt Ion: 75 Resp: 246218
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.4



#54
cis-1,3-Dichloropropene
Concen: 50.472 ug/l
RT: 7.607 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 75 Resp: 260458
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3
39 45.8 35.2 52.8



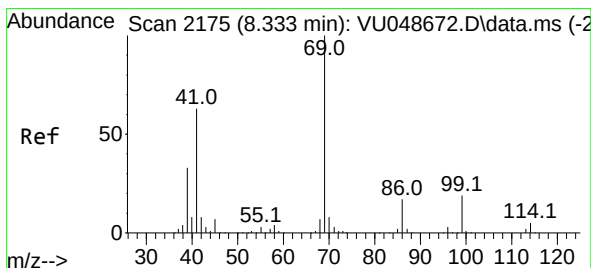
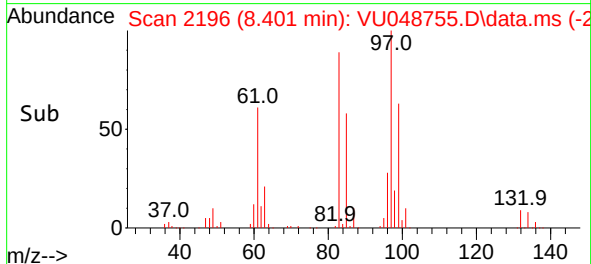
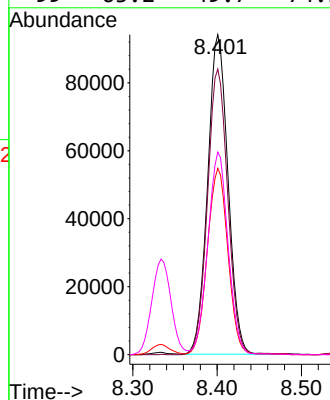
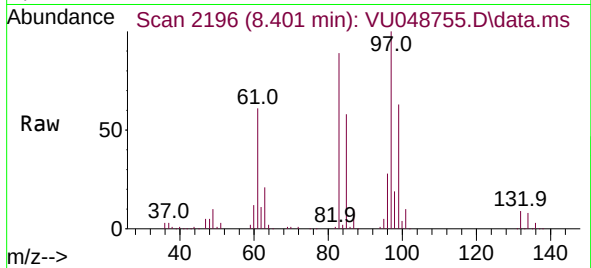


#55
 1,1,2-Trichloroethane
 Concen: 49.378 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 158209

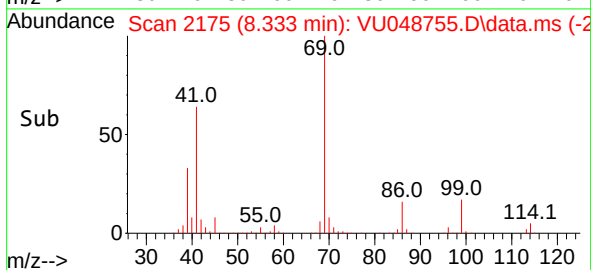
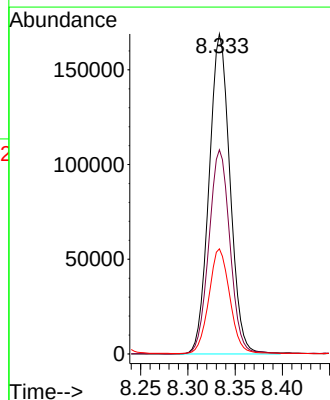
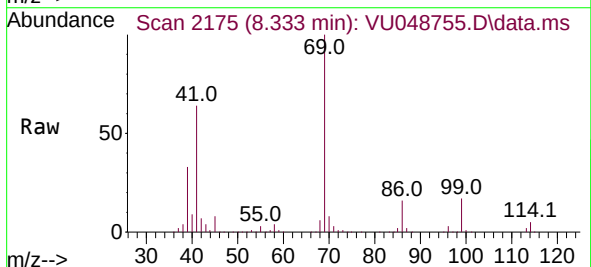
Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.2	105.4
85	58.1	45.6	68.4
99	63.2	49.7	74.5

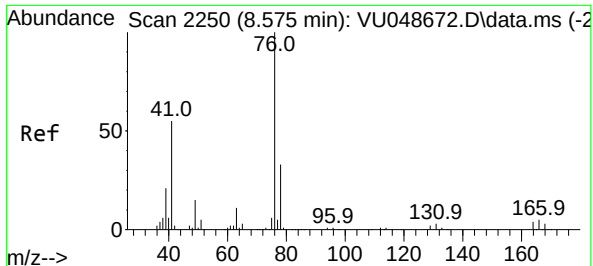


#56
 Ethyl methacrylate
 Concen: 51.333 ug/l
 RT: 8.333 min Scan# 2175
 Delta R.T. 0.000 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

Tgt Ion: 69 Resp: 260274

Ion	Ratio	Lower	Upper
69	100		
41	64.5	50.6	76.0
39	32.7	26.6	40.0





#57

1,3-Dichloropropane

Concen: 51.703 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

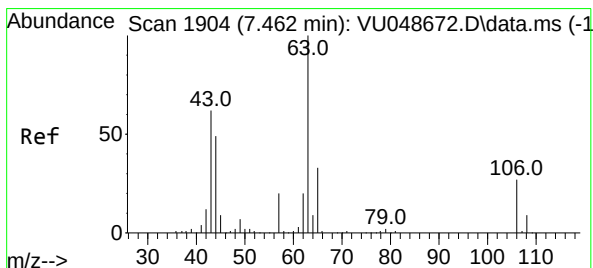
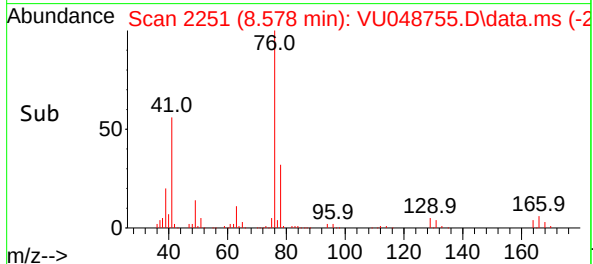
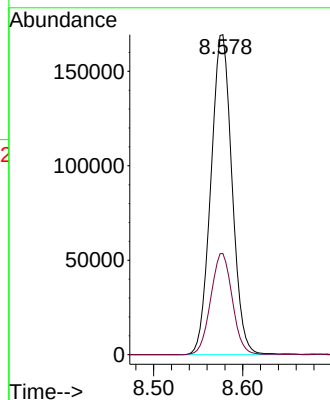
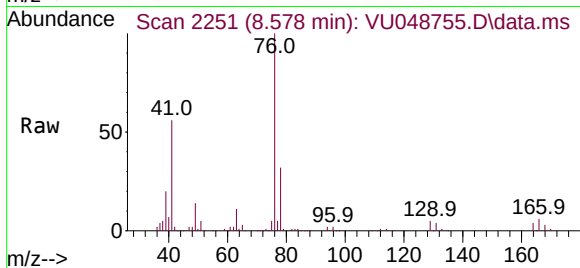
VSTDCCC050

Tgt Ion: 76 Resp: 278814

Ion Ratio Lower Upper

76 100

78 32.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 262.368 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048755.D

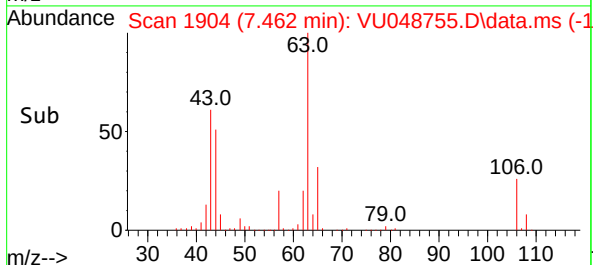
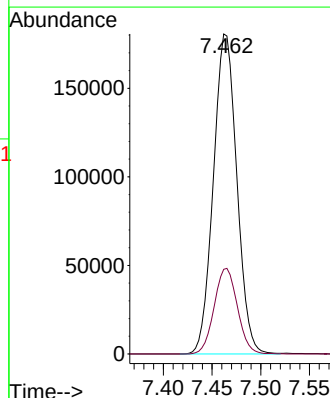
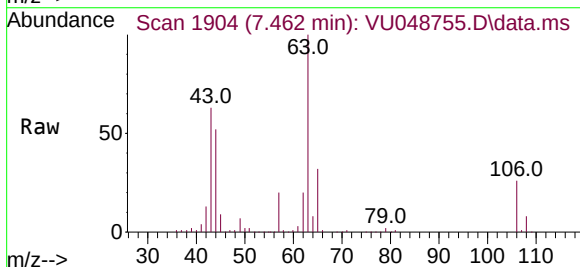
Acq: 31 May 2022 21:52

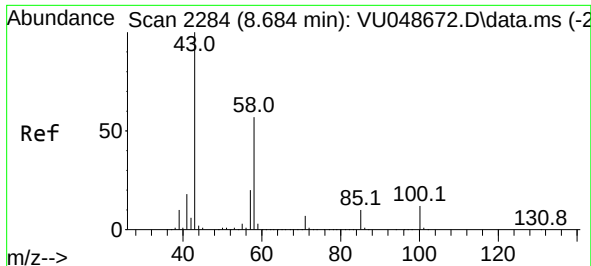
Tgt Ion: 63 Resp: 302274

Ion Ratio Lower Upper

63 100

106 26.5 22.2 33.2

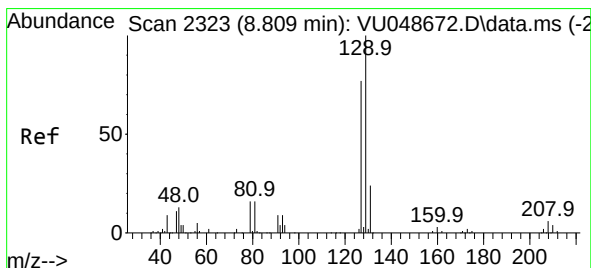
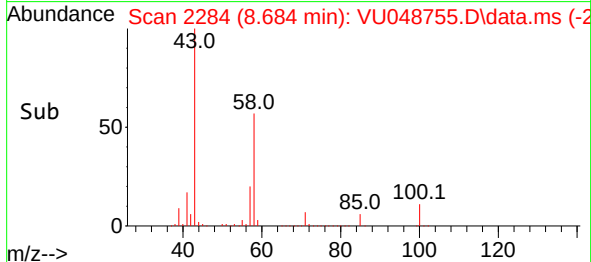
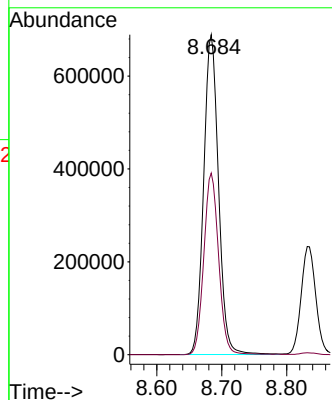
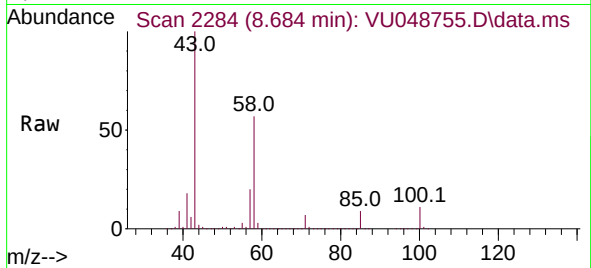




#59
2-Hexanone
Concen: 272.387 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

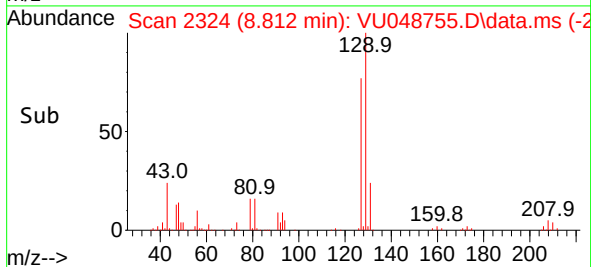
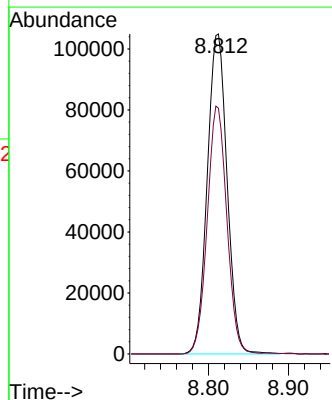
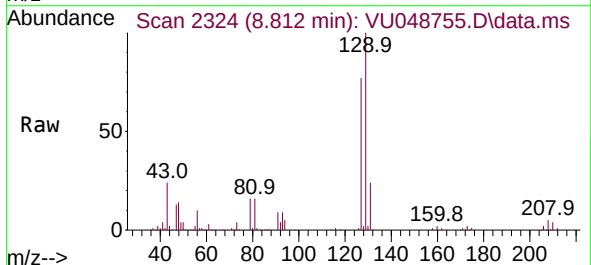
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

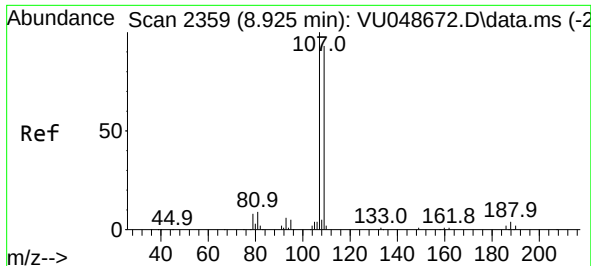
Tgt Ion: 43 Resp: 1095313
Ion Ratio Lower Upper
43 100
58 56.6 28.2 84.6



#60
Dibromochloromethane
Concen: 50.349 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion:129 Resp: 180832
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3

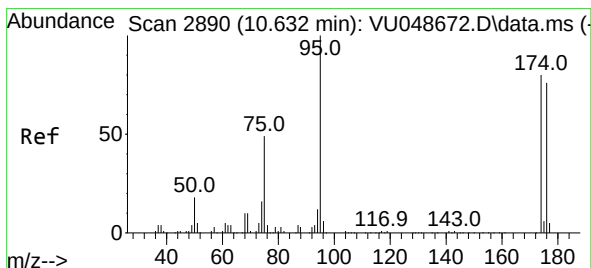
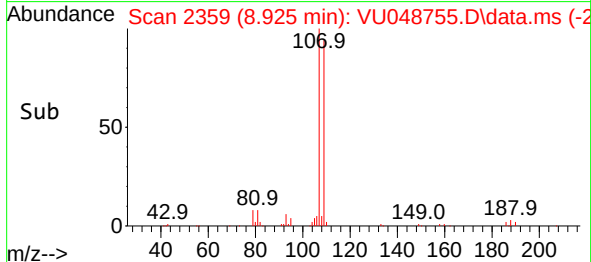
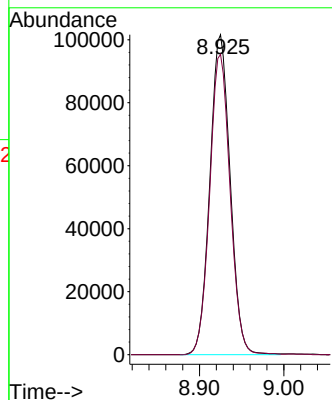
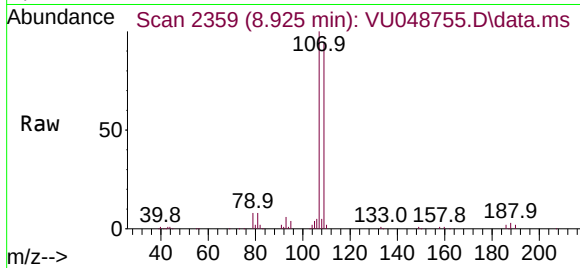




#61
1,2-Dibromoethane
Concen: 48.228 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

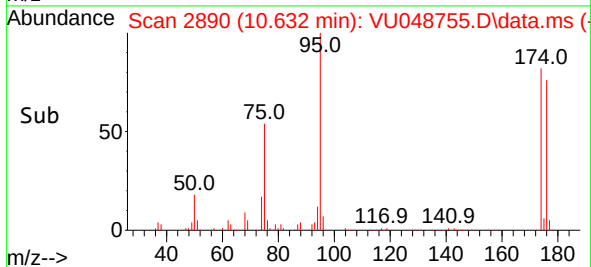
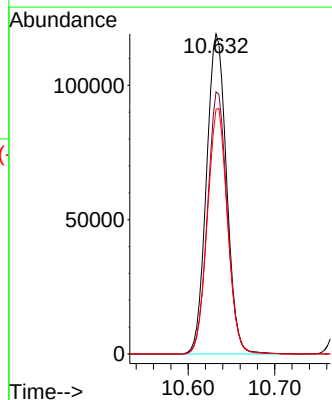
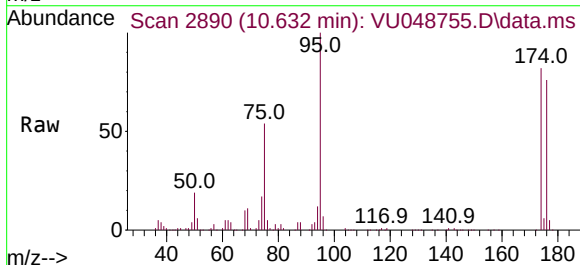
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

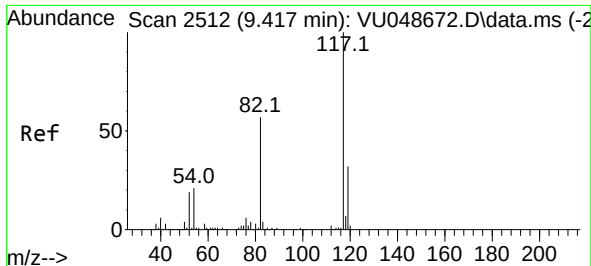
Tgt Ion:107 Resp: 170179
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 50.245 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 95 Resp: 191873
Ion Ratio Lower Upper
95 100
174 80.7 0.0 159.4
176 76.7 0.0 152.4

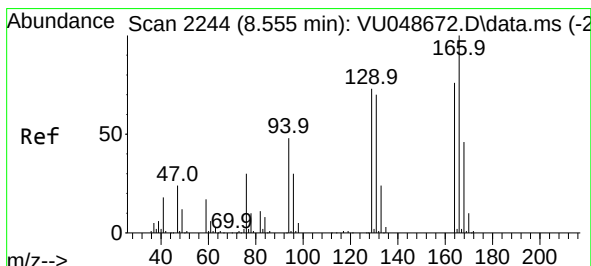
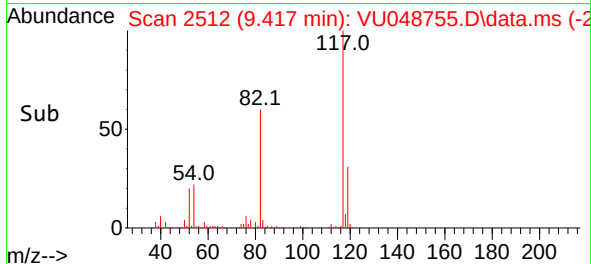
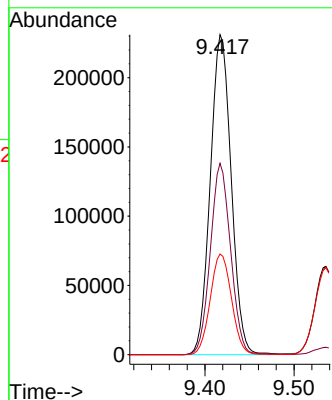
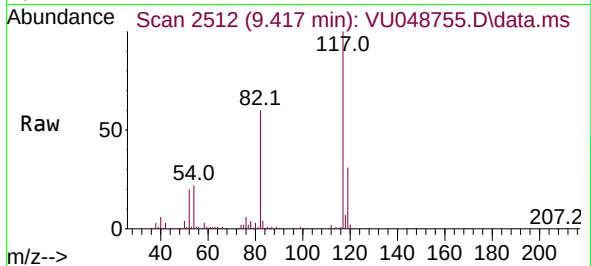




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

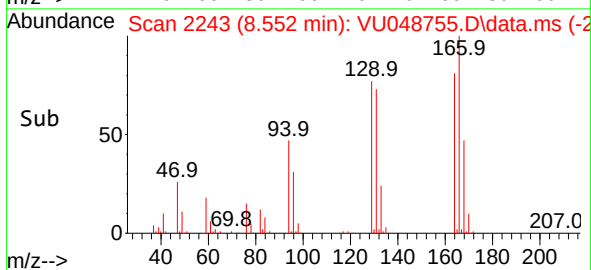
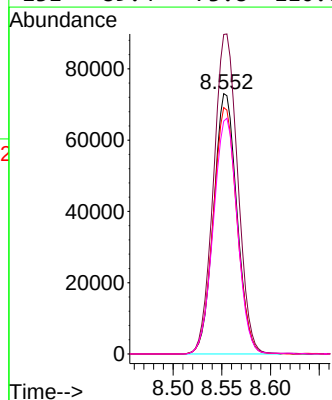
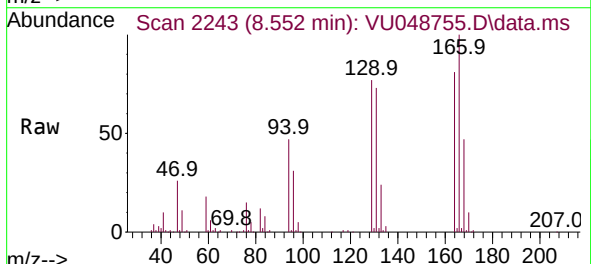
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

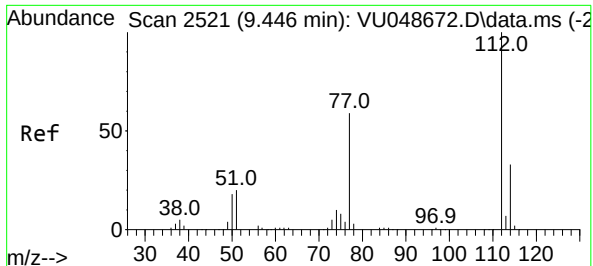
Tgt Ion:117 Resp: 376050
Ion Ratio Lower Upper
117 100
82 59.8 45.3 67.9
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 46.469 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion:164 Resp: 121550
Ion Ratio Lower Upper
164 100
166 122.8 105.0 157.4
129 94.7 76.5 114.7
131 89.4 73.8 110.6

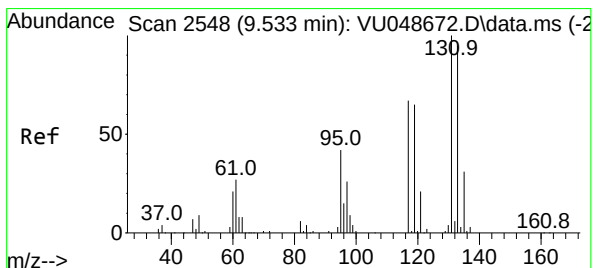
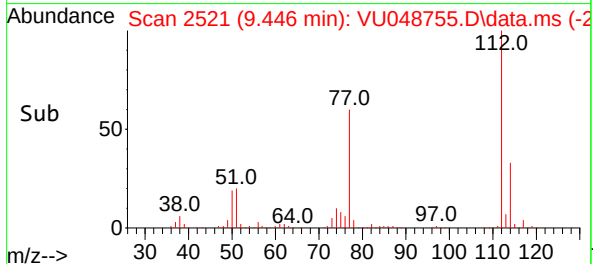
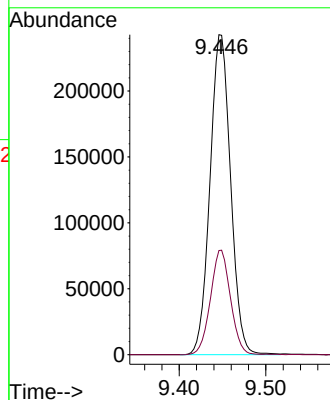
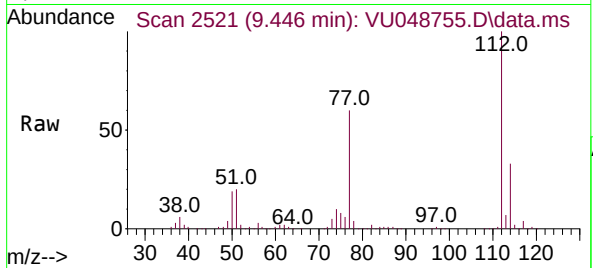




#65
Chlorobenzene
Concen: 50.467 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

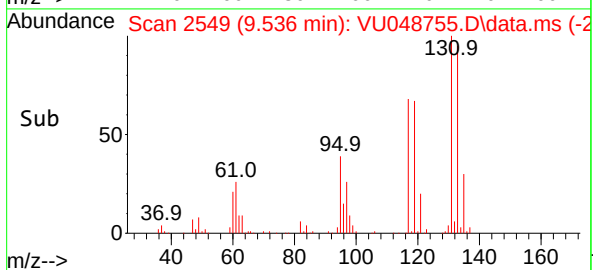
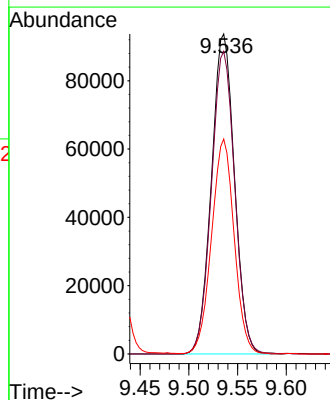
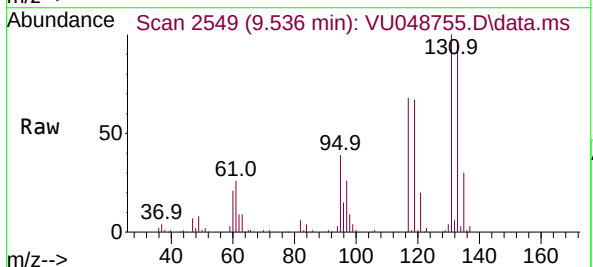
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

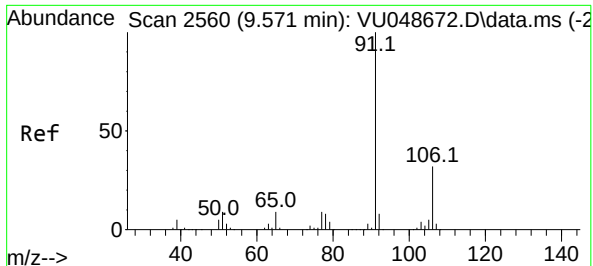
Tgt Ion:112 Resp: 401387
Ion Ratio Lower Upper
112 100
114 32.5 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.025 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion:131 Resp: 154043
Ion Ratio Lower Upper
131 100
133 95.8 48.5 145.5
119 65.9 32.7 98.1





#67

Ethyl Benzene

Concen: 53.014 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

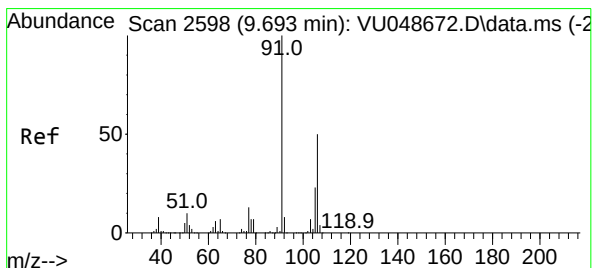
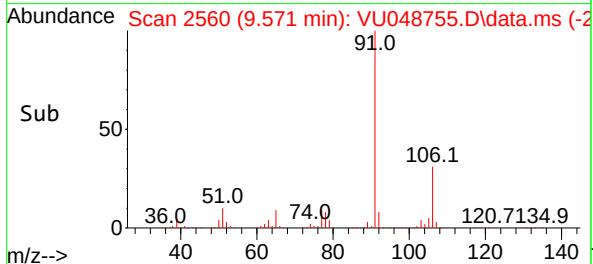
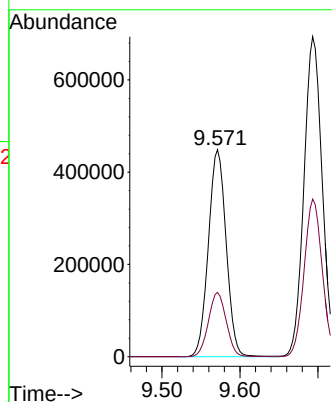
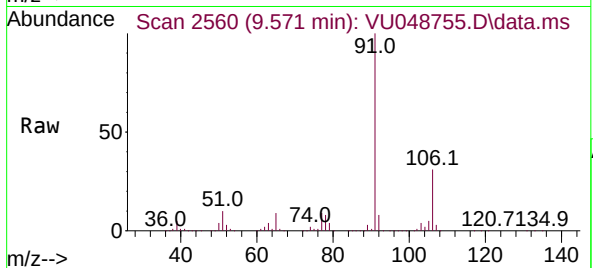
VSTDCCC050

Tgt Ion: 91 Resp: 711156

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.2



#68

m/p-Xylenes

Concen: 105.759 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU048755.D

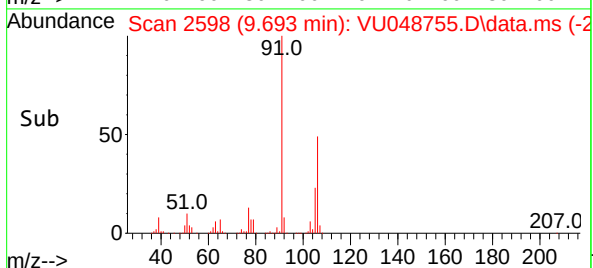
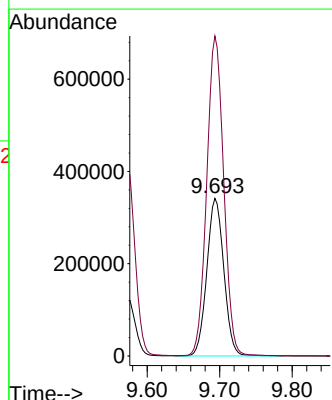
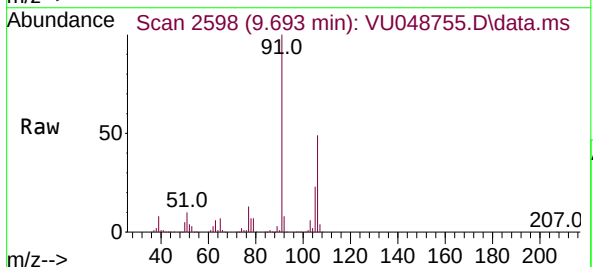
Acq: 31 May 2022 21:52

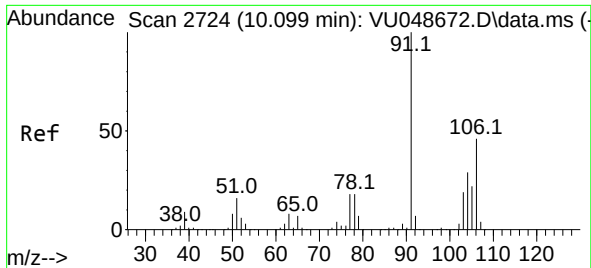
Tgt Ion: 106 Resp: 554865

Ion Ratio Lower Upper

106 100

91 203.1 162.4 243.6

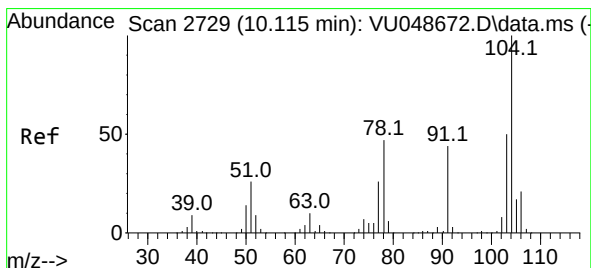
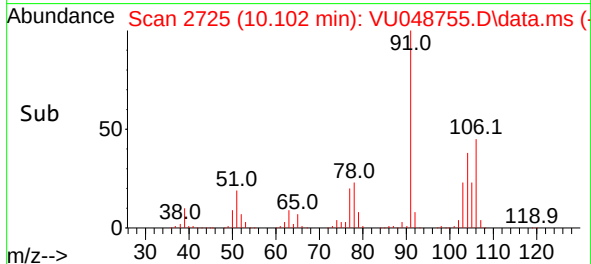
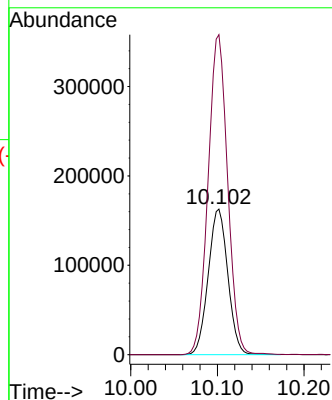
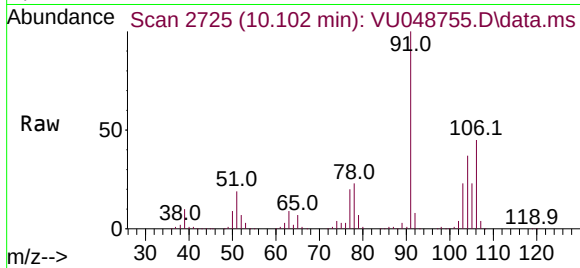




#69
o-Xylene
Concen: 49.794 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

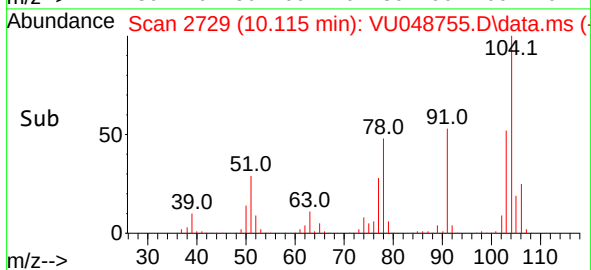
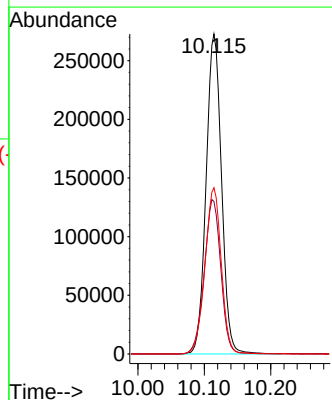
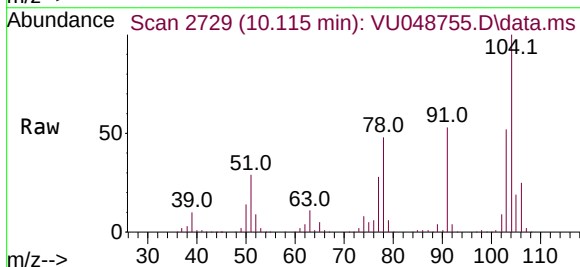
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

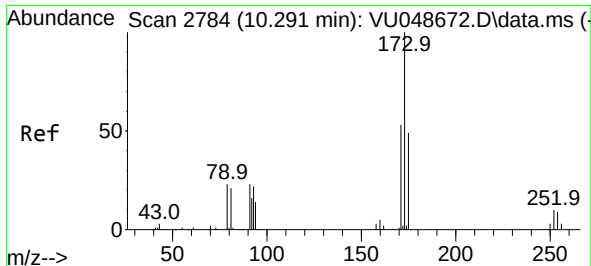
Tgt Ion:106 Resp: 256661
Ion Ratio Lower Upper
106 100
91 219.0 107.7 323.3



#70
Styrene
Concen: 52.055 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion:104 Resp: 441333
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 54.9 43.4 65.2

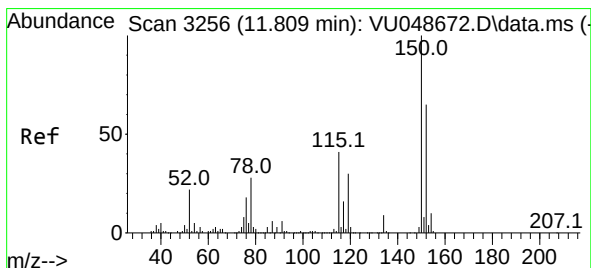
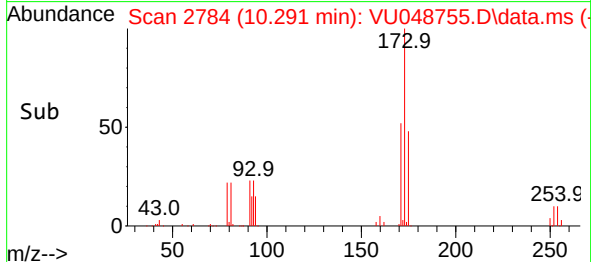
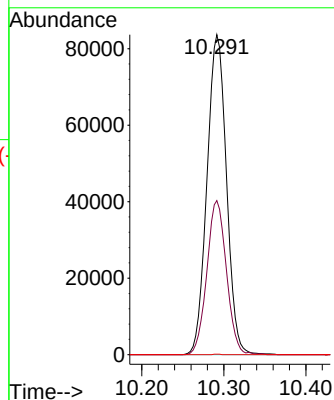
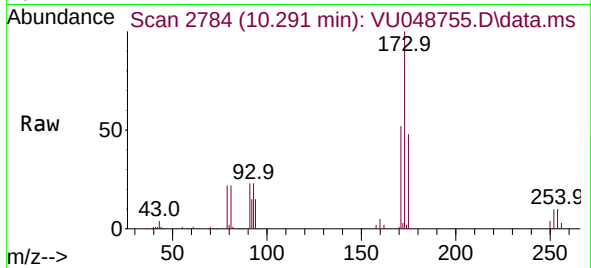




#71
Bromoform
Concen: 49.520 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

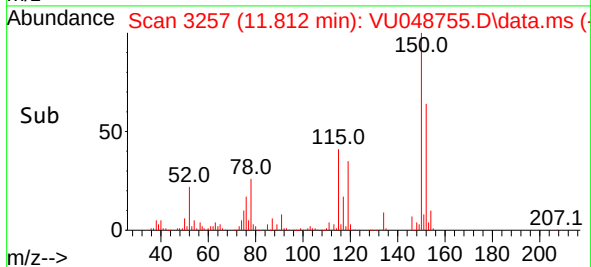
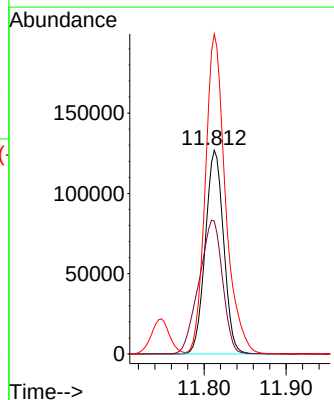
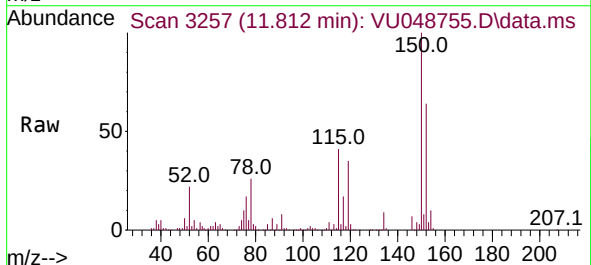
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

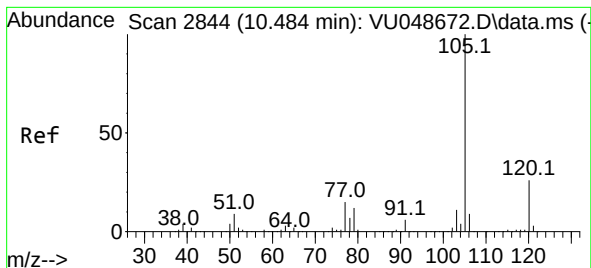
Tgt Ion:173 Resp: 138224
Ion Ratio Lower Upper
173 100
175 48.3 24.5 73.5
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion:152 Resp: 196889
Ion Ratio Lower Upper
152 100
115 84.1 41.8 125.4
150 172.4 0.0 341.0





#73

Isopropylbenzene

Concen: 53.031 ug/l

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

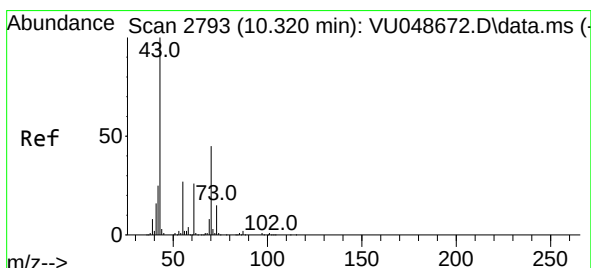
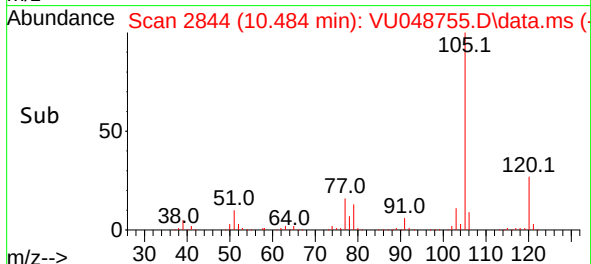
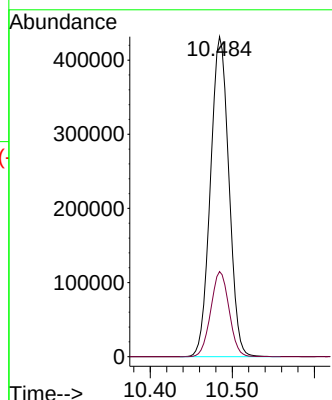
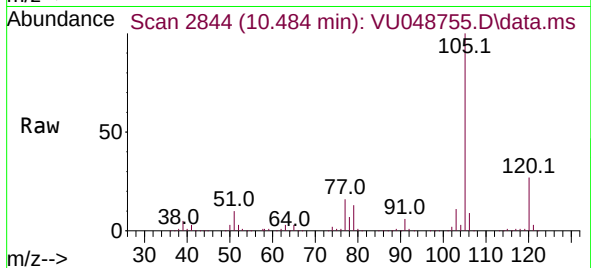
VSTDCCC050

Tgt Ion:105 Resp: 674078

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



#74

N-ethyl acetate

Concen: 51.269 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Tgt Ion: 43 Resp: 330350

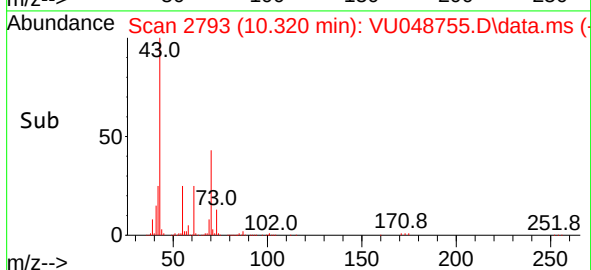
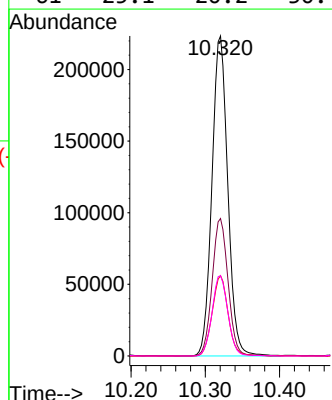
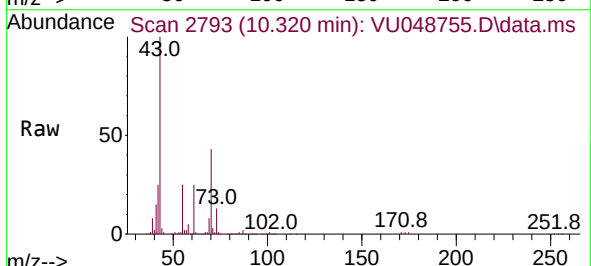
Ion Ratio Lower Upper

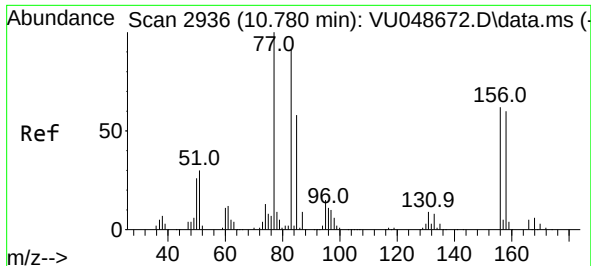
43 100

70 43.1 35.8 53.6

55 25.1 21.1 31.7

61 25.1 20.2 30.4

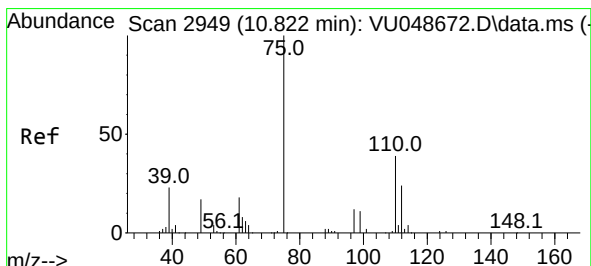
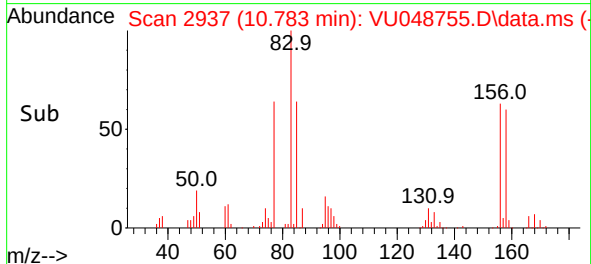
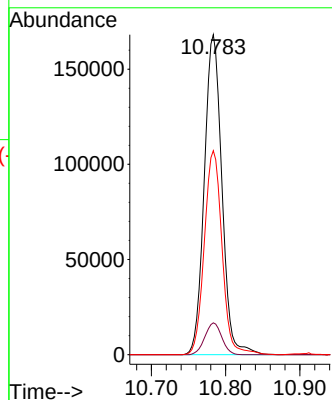
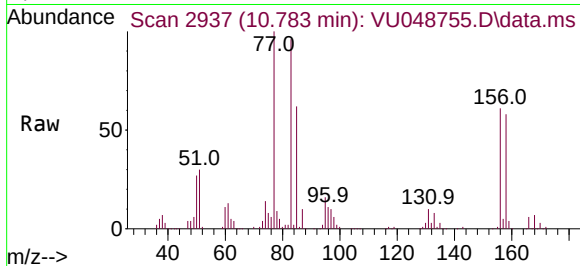




#75
1,1,2,2-Tetrachloroethane
Concen: 53.333 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

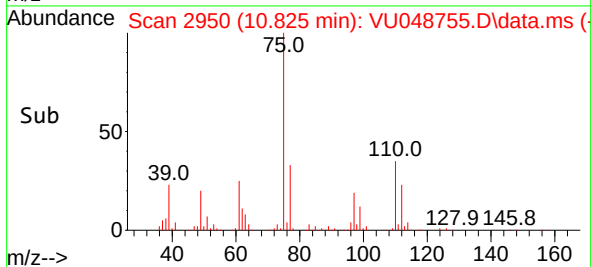
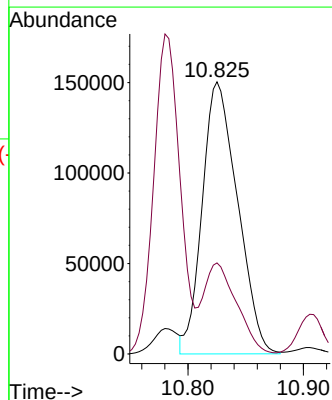
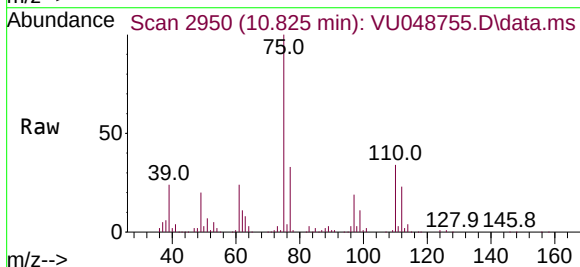
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

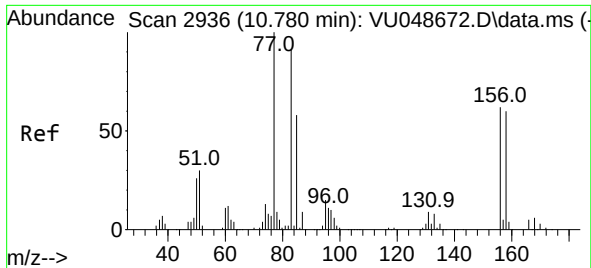
Tgt Ion: 83 Resp: 276648
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 64.1 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 50.339 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 75 Resp: 319559
Ion Ratio Lower Upper
75 100
77 30.1 14.8 44.3

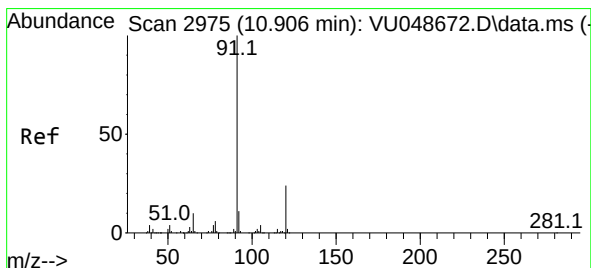
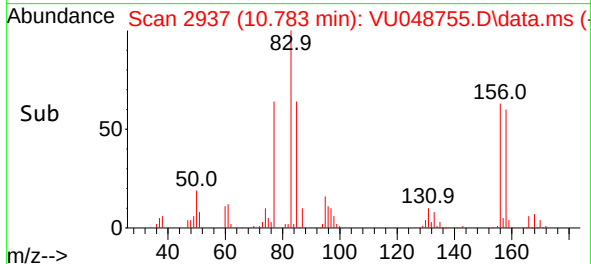
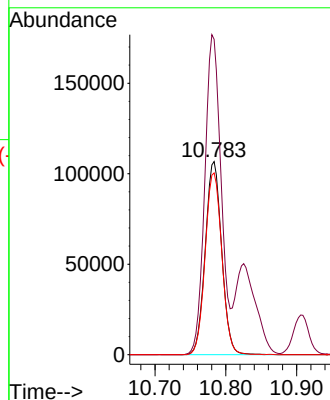
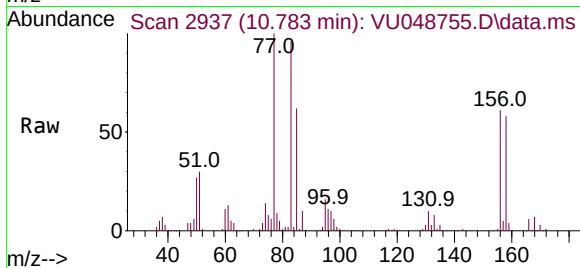




#77
Bromobenzene
Concen: 50.276 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

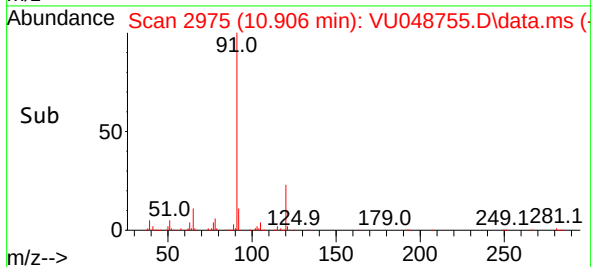
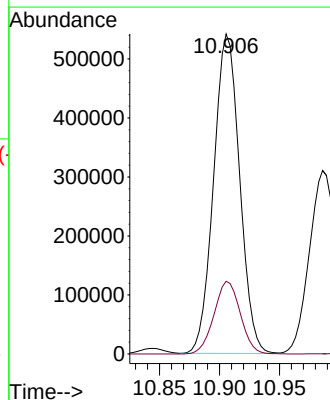
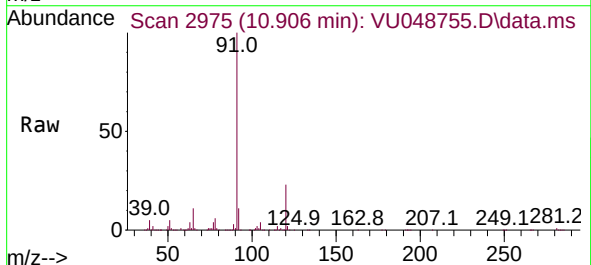
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

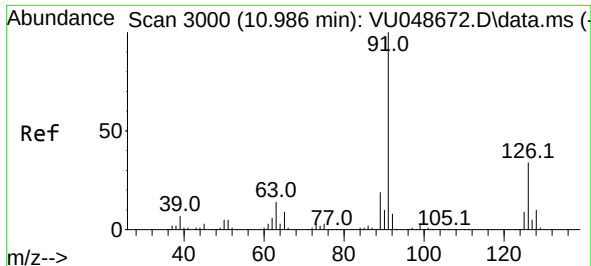
Tgt Ion:156 Resp: 171627
Ion Ratio Lower Upper
156 100
77 163.6 81.1 243.3
158 95.7 48.8 146.4



#78
n-propylbenzene
Concen: 53.798 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 91 Resp: 814842
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7

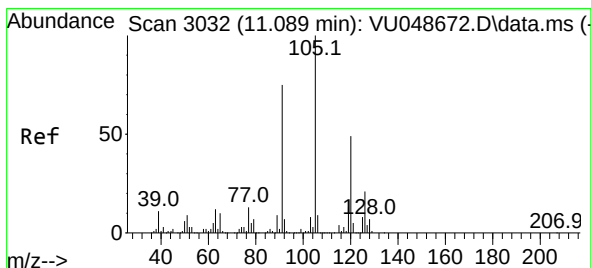
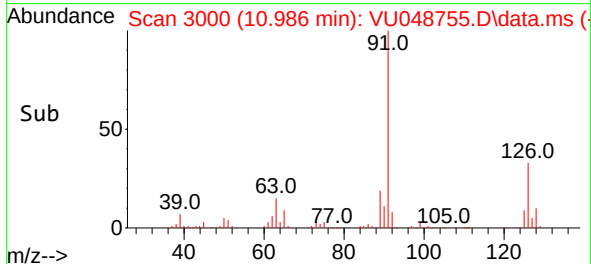
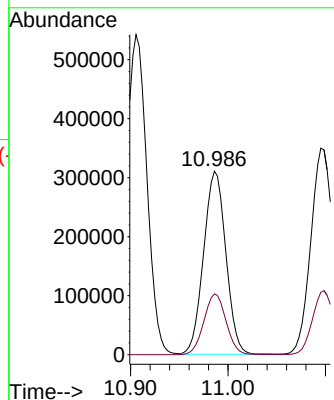
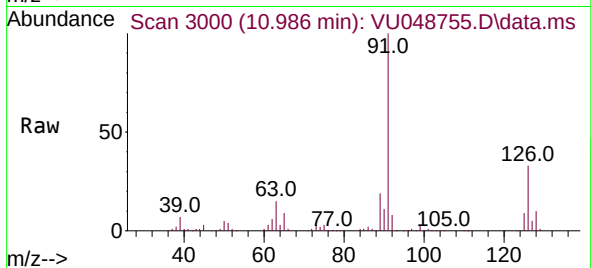




#79
2-Chlorotoluene
Concen: 52.217 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

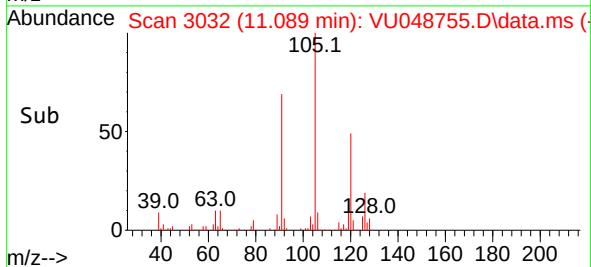
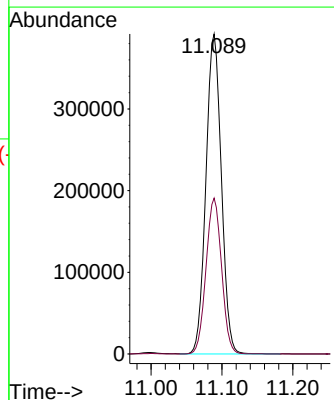
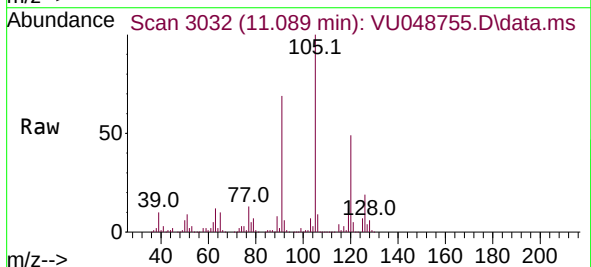
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

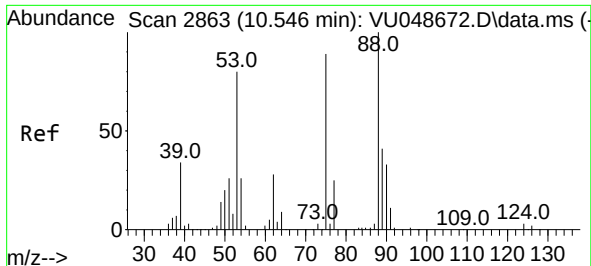
Tgt Ion: 91 Resp: 491837
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 53.422 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 105 Resp: 590525
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3

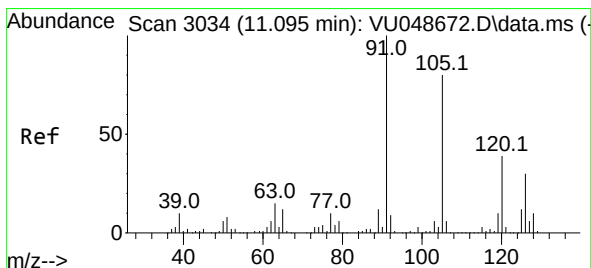
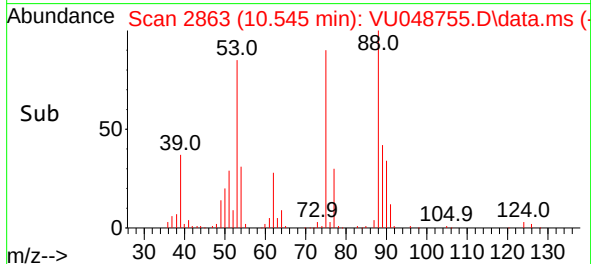
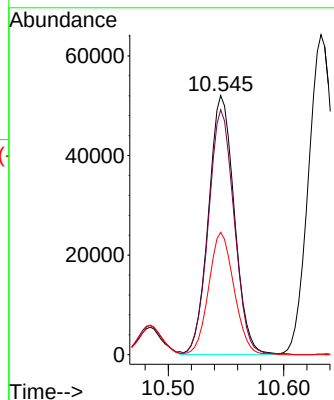
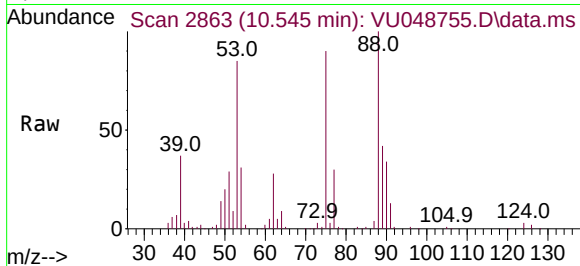




#81
trans-1,4-Dichloro-2-butene
Concen: 46.235 ug/l
RT: 10.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

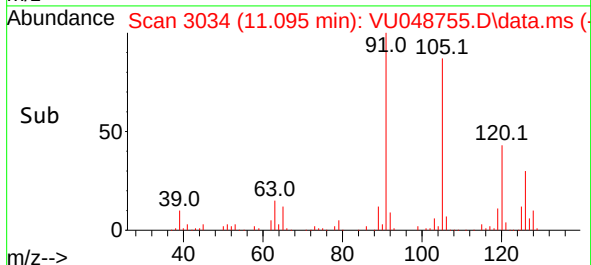
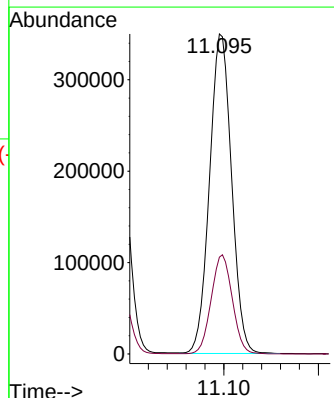
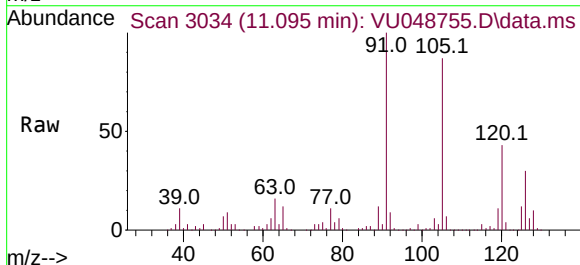
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

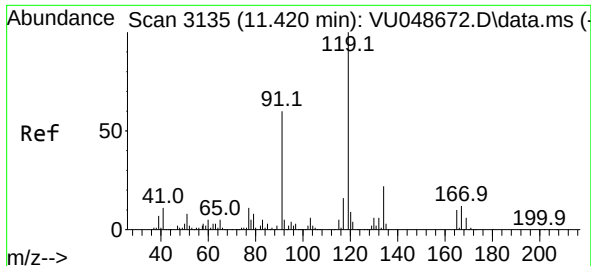
Tgt Ion: 75 Resp: 80837
Ion Ratio Lower Upper
75 100
53 94.6 72.5 108.7
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.016 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion: 91 Resp: 565290
Ion Ratio Lower Upper
91 100
126 29.8 14.4 43.2

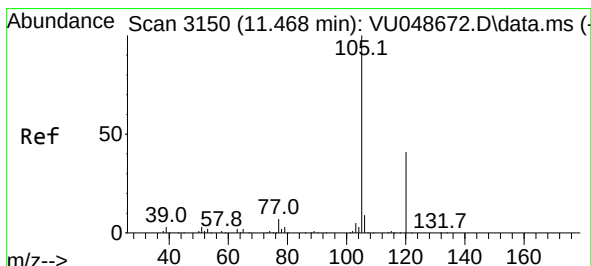
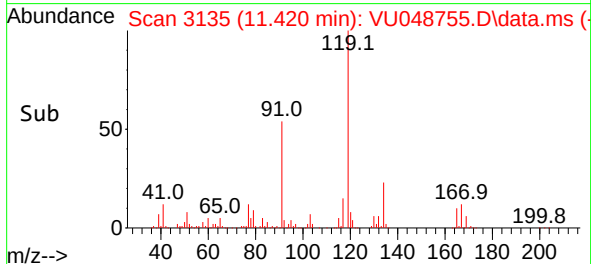
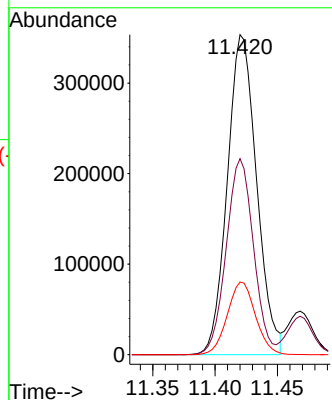
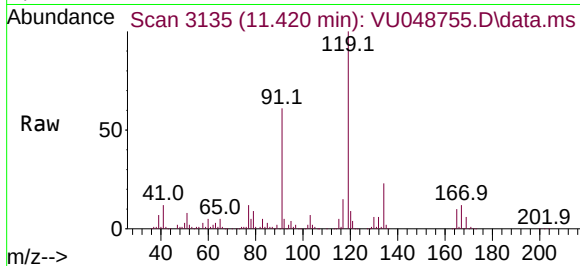




#83
 tert-Butylbenzene
 Concen: 54.500 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. 0.000 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

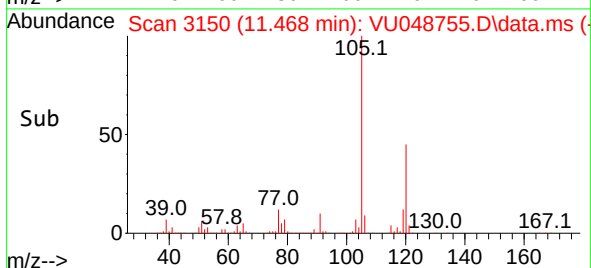
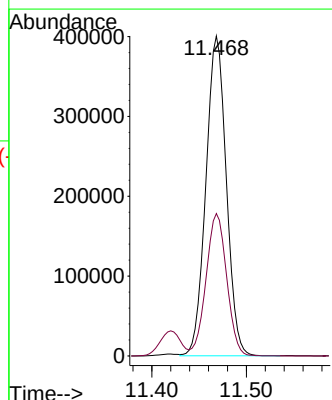
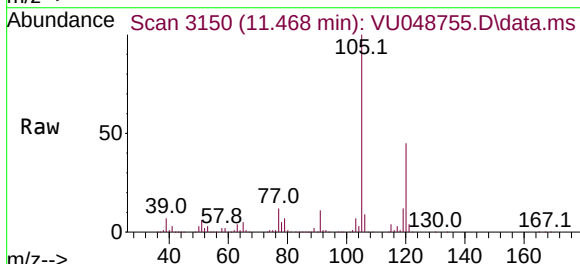
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

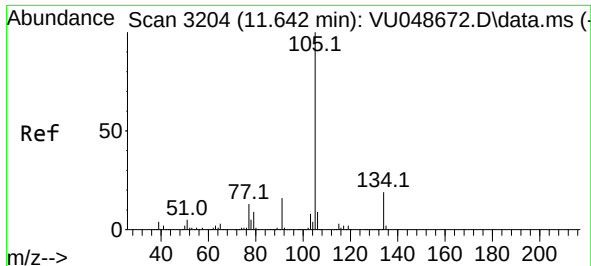
Tgt Ion:119 Resp: 578198
 Ion Ratio Lower Upper
 119 100
 91 57.1 28.7 86.1
 134 21.8 10.8 32.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.395 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

Tgt Ion:105 Resp: 600474
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5

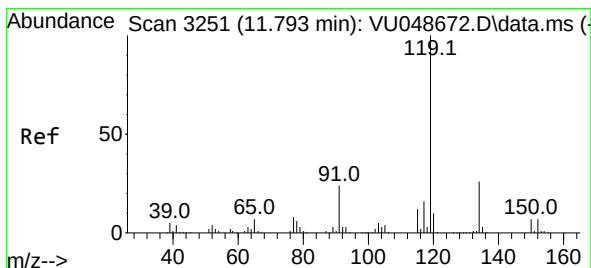
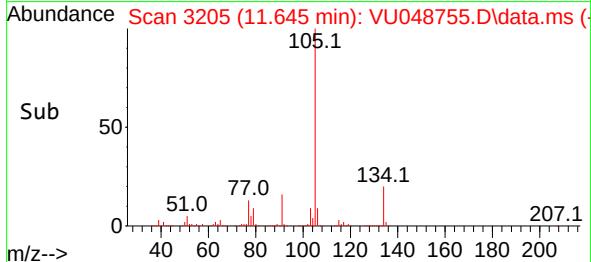
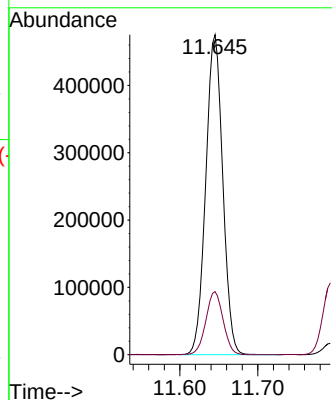
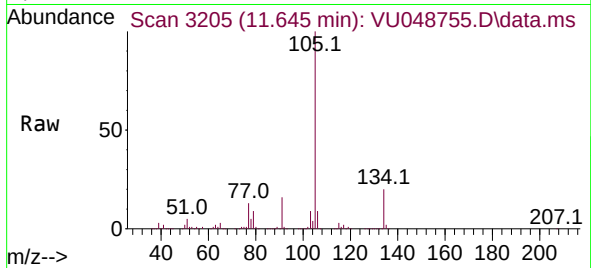




#85
 sec-Butylbenzene
 Concen: 54.103 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

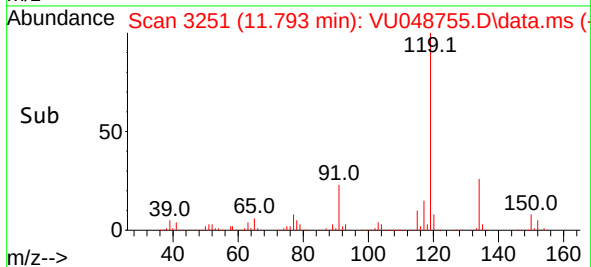
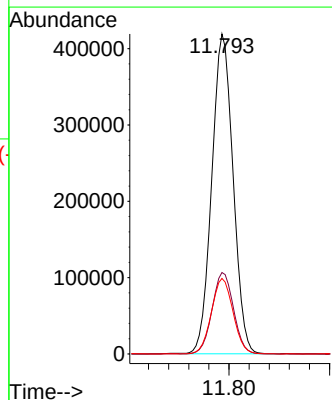
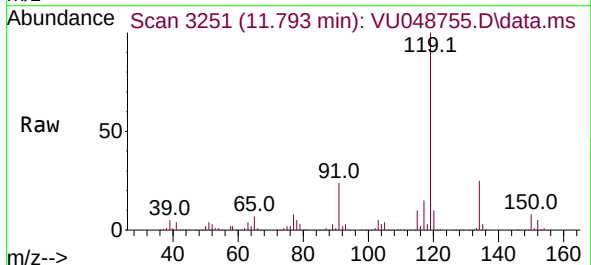
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

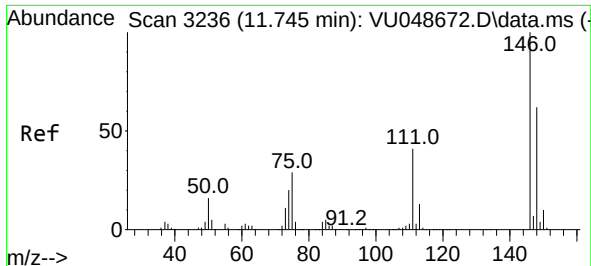
Tgt Ion:105 Resp: 718080
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 53.936 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

Tgt Ion:119 Resp: 614752
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 49.497 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

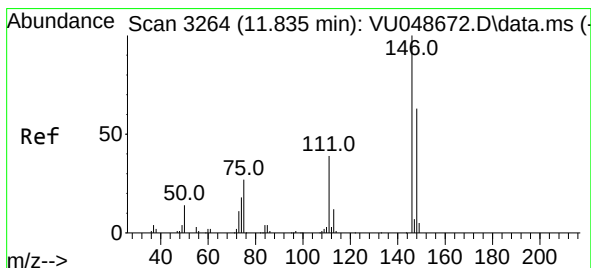
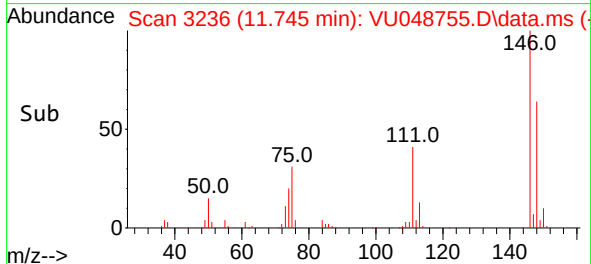
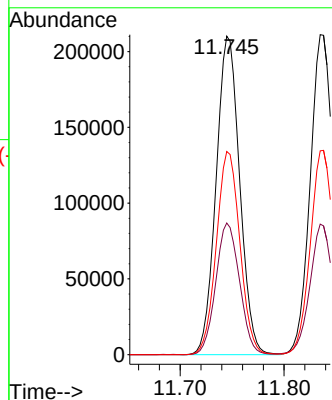
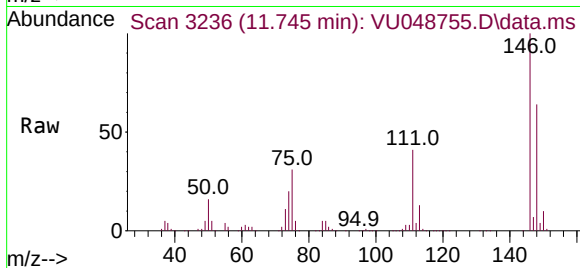
Tgt Ion:146 Resp: 331281

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 63.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.091 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

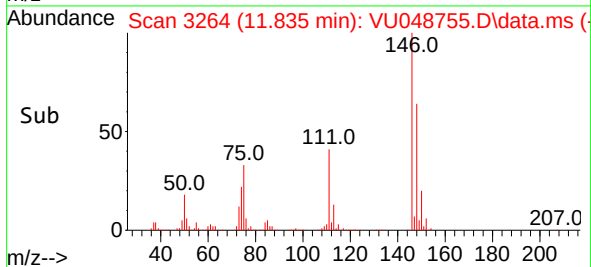
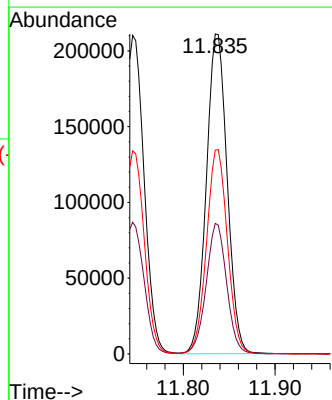
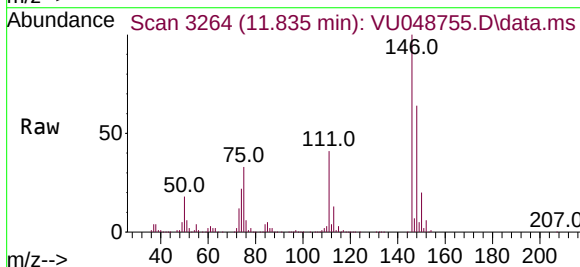
Tgt Ion:146 Resp: 332541

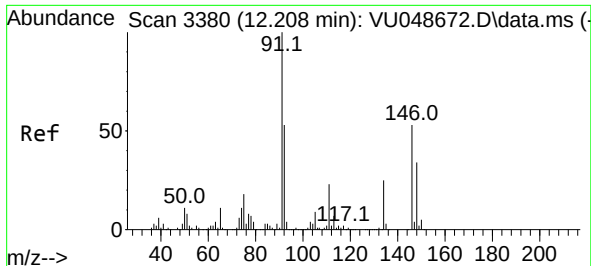
Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.6

148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 48.390 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048755.D

Acq: 31 May 2022 21:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

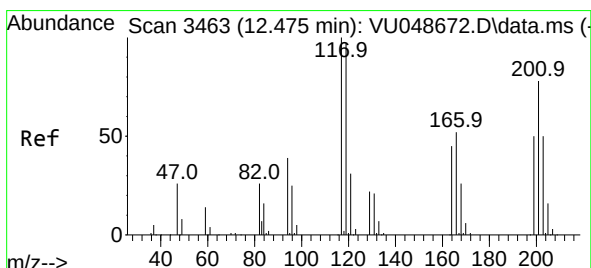
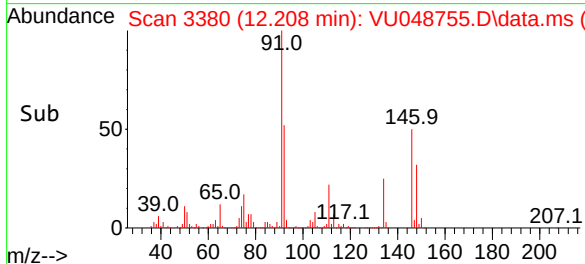
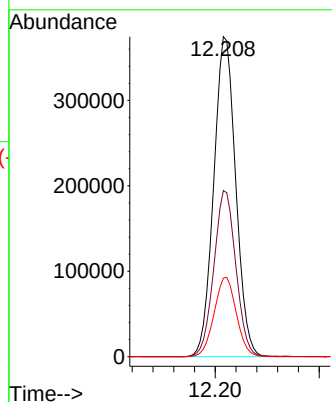
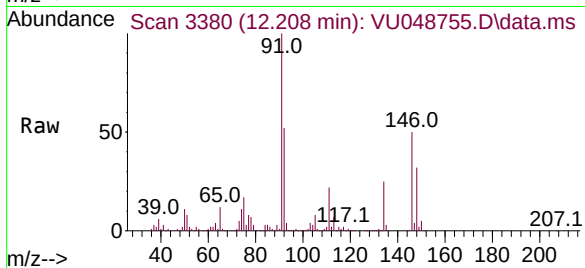
Tgt Ion: 91 Resp: 551221

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 25.1 12.5 37.5



#90

Hexachloroethane

Concen: 47.460 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.003 min

Lab File: VU048755.D

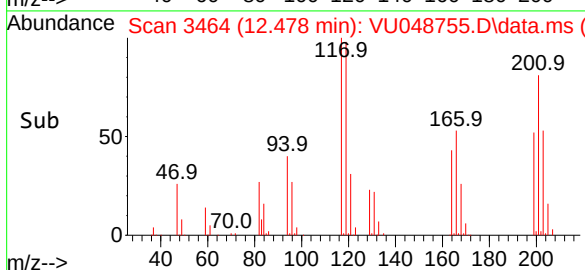
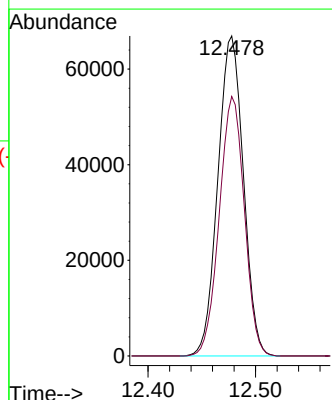
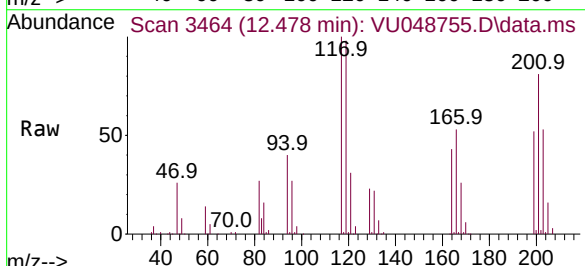
Acq: 31 May 2022 21:52

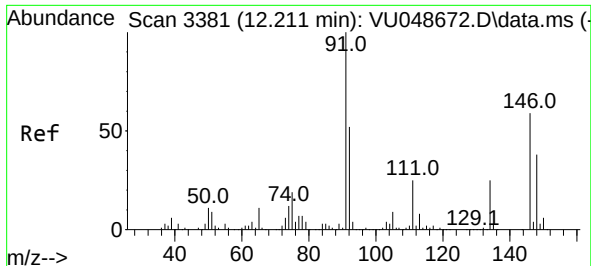
Tgt Ion: 117 Resp: 110399

Ion Ratio Lower Upper

117 100

201 79.6 39.6 119.0

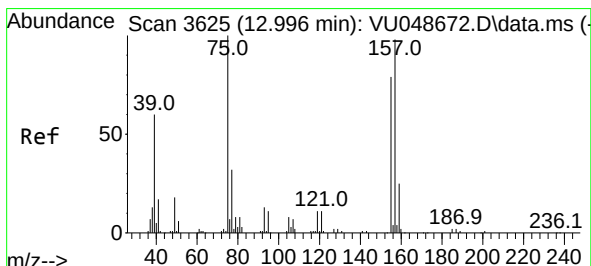
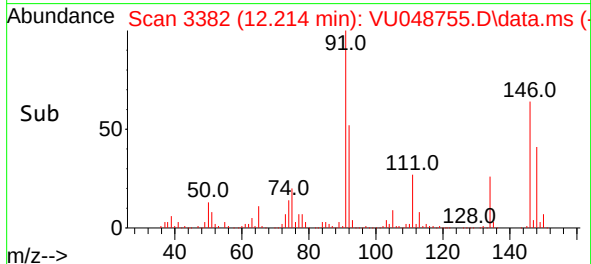
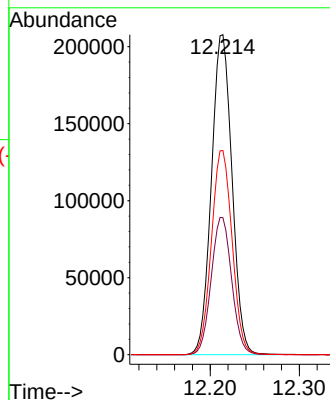
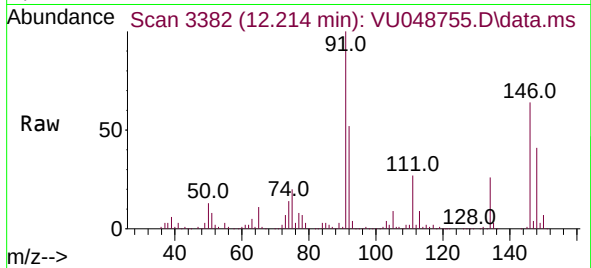




#91
 1,2-Dichlorobenzene
 Concen: 49.240 ug/l
 RT: 12.214 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

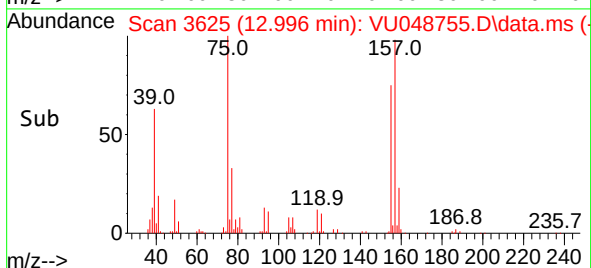
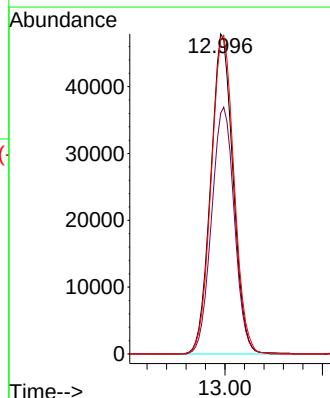
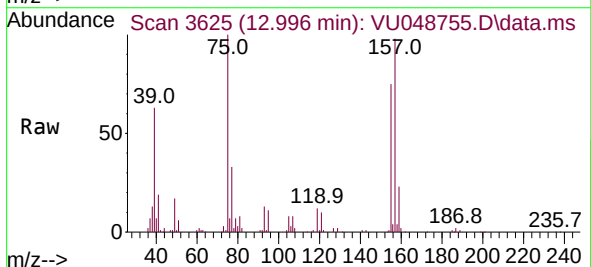
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

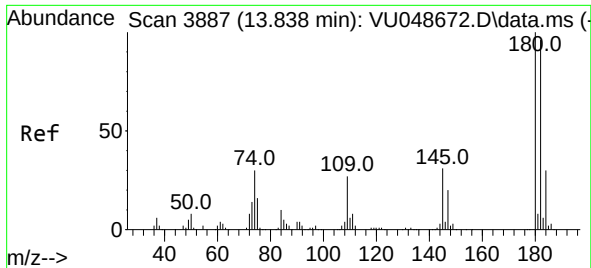
Tgt Ion:146 Resp: 332932
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.4 64.3
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.247 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU048755.D
 Acq: 31 May 2022 21:52

Tgt Ion: 75 Resp: 76540
 Ion Ratio Lower Upper
 75 100
 155 78.3 40.3 120.8
 157 101.4 50.0 150.0

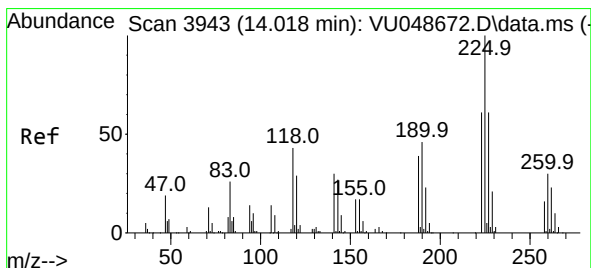
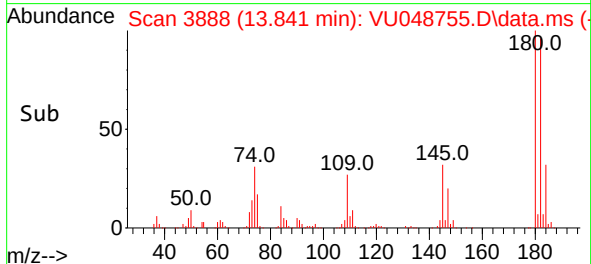
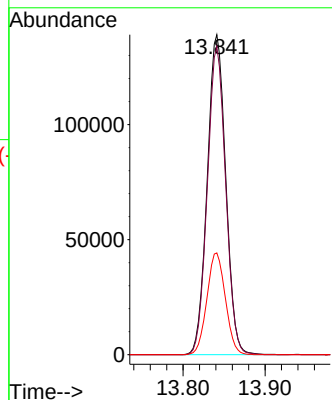
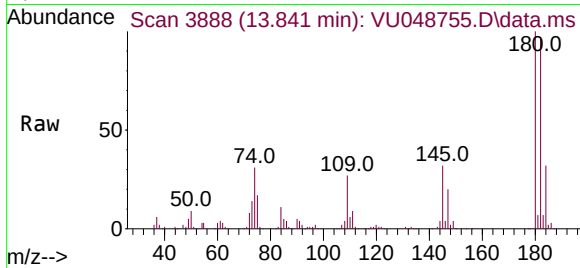




#93
1,2,4-Trichlorobenzene
Concen: 49.461 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

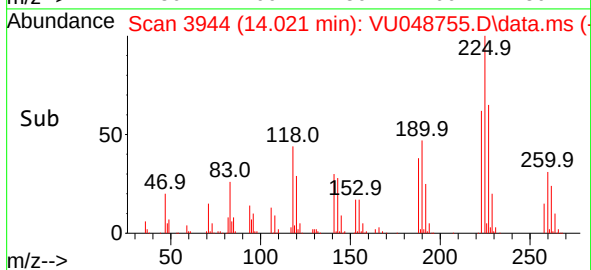
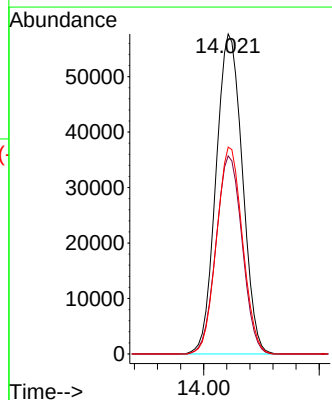
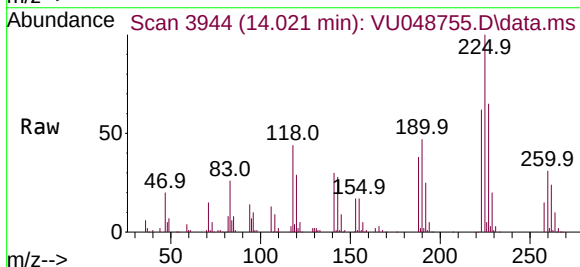
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

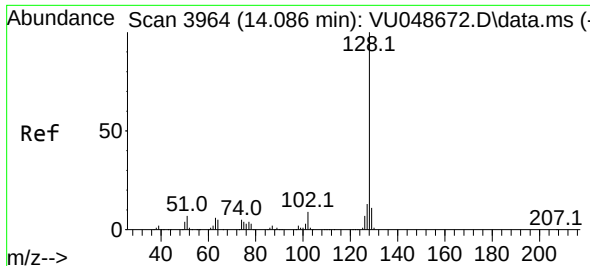
Tgt Ion:180 Resp: 219453
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 31.6 15.6 46.7



#94
Hexachlorobutadiene
Concen: 43.022 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion:225 Resp: 91494
Ion Ratio Lower Upper
225 100
223 61.4 30.9 92.8
227 63.6 31.1 93.5

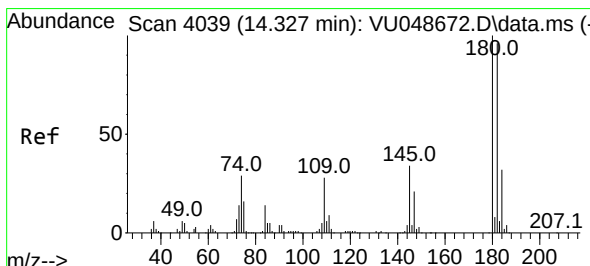
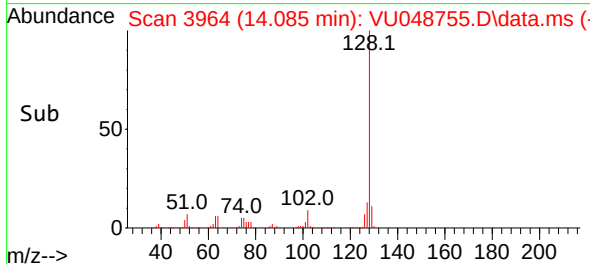
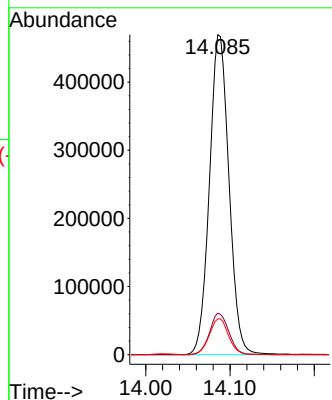
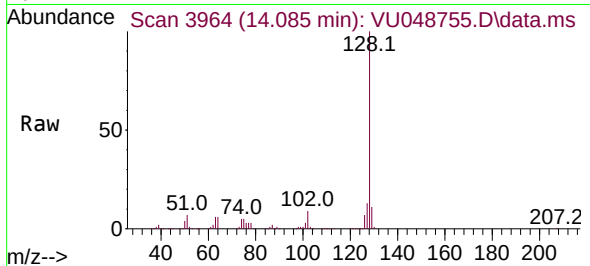




#95
Naphthalene
Concen: 48.947 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128	Resp: 757701
Ion Ratio	Lower Upper
128 100	
127 12.8	10.2 15.4
129 11.1	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.204 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048755.D
Acq: 31 May 2022 21:52

Tgt Ion:180	Resp: 220624
Ion Ratio	Lower Upper
180 100	
182 96.6	47.4 142.2
145 33.1	16.6 49.8

