

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044958.D
 Acq On : 28 Sep 2021 22:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 05:48:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	155048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	284643	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	274190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	133728	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.706	65	125083	48.464	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.920%
35) Dibromofluoromethane	5.295	113	87317	48.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	7.903	98	351316	49.517	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.040%
62) 4-Bromofluorobenzene	10.636	95	133605	45.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.220%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.388	85	101919	53.083	ug/l	98
3) Chloromethane	1.523	50	122839	49.393	ug/l	99
4) Vinyl Chloride	1.607	62	134439	54.139	ug/l	99
5) Bromomethane	1.851	94	89630	92.016	ug/l	99
6) Chloroethane	1.935	64	89545	46.940	ug/l	100
7) Trichlorofluoromethane	2.141	101	175565	53.537	ug/l	99
8) Diethyl Ether	2.379	74	80307	53.435	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	97053	52.039	ug/l	98
10) Methyl Iodide	2.726	142	100079	50.277	ug/l	98
11) Tert butyl alcohol	3.179	59	132636	179.056	ug/l	100
12) 1,1-Dichloroethene	2.584	96	97826	53.216	ug/l	96
13) Acrolein	2.488	56	35555	246.222	ug/l	99
14) Allyl chloride	2.928	41	171965	50.548	ug/l	93
15) Acrylonitrile	3.314	53	370568	248.051	ug/l	100
16) Acetone	2.626	43	311125	203.083	ug/l	99
17) Carbon Disulfide	2.797	76	280159	51.627	ug/l	100
18) Methyl Acetate	2.951	43	222448	49.680	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	375254	52.881	ug/l	98
20) Methylene Chloride	3.051	84	119771	51.904	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	106492	52.956	ug/l	96
22) Diisopropyl ether	3.999	45	362487	52.190	ug/l	96
23) Vinyl Acetate	3.961	43	1507030	266.784	ug/l	98
24) 1,1-Dichloroethane	3.877	63	211894	53.144	ug/l	99
25) 2-Butanone	4.703	43	501627	230.460	ug/l	99
26) 2,2-Dichloropropane	4.671	77	152486	45.235	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	125564	52.868	ug/l	98
28) Bromochloromethane	4.980	49	81327	49.212	ug/l	95
29) Tetrahydrofuran	5.054	42	320612	247.443	ug/l	95
30) Chloroform	5.092	83	211196	52.554	ug/l	98
31) Cyclohexane	5.395	56	194172	49.527	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	176289	53.166	ug/l	99
36) 1,1-Dichloropropene	5.530	75	157958	53.065	ug/l	99
37) Ethyl Acetate	4.806	43	193846	49.218	ug/l	98
38) Carbon Tetrachloride	5.530	117	139220	54.050	ug/l	99
39) Methylcyclohexane	6.768	83	190335	52.086	ug/l	96
40) Benzene	5.780	78	462787	52.200	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	104336	51.458	ug/l	97
42) 1,2-Dichloroethane	5.800	62	182852	52.475	ug/l	100
43) Isopropyl Acetate	5.915	43	297672	50.238	ug/l	98
44) Trichloroethene	6.546	130	111326	53.259	ug/l	99
45) 1,2-Dichloropropane	6.796	63	122657	52.184	ug/l	98
46) Dibromomethane	6.922	93	83782	52.912	ug/l	99
47) Bromodichloromethane	7.112	83	166922	54.294	ug/l	98
48) Methyl methacrylate	6.964	41	144254	50.017	ug/l	96
49) 1,4-Dioxane	6.964	88	41635	548.870	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	995389	230.752	ug/l	98
52) Toluene	7.973	92	293699	52.931	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	183141	52.092	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	195995	53.520	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	117921	51.005	ug/l	99
56) Ethyl methacrylate	8.337	69	203012	45.397	ug/l	98
57) 1,3-Dichloropropane	8.578	76	210678	51.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	291967	207.553	ug/l	98
59) 2-Hexanone	8.687	43	777866	221.440	ug/l	98
60) Dibromochloromethane	8.812	129	117197	47.904	ug/l	100
61) 1,2-Dibromoethane	8.928	107	128507	52.291	ug/l	99
64) Tetrachloroethene	8.558	164	98056	54.793	ug/l	99
65) Chlorobenzene	9.449	112	302537	52.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	102322	50.983	ug/l	99
67) Ethyl Benzene	9.574	91	565643	53.472	ug/l	100
68) m/p-Xylenes	9.697	106	434422	105.707	ug/l	99
69) o-Xylene	10.105	106	211875	51.946	ug/l	99
70) Styrene	10.118	104	359130	52.484	ug/l	99
71) Bromoform	10.295	173	83909	43.752	ug/l #	99
73) Isopropylbenzene	10.488	105	553329	55.563	ug/l	100
74) N-amyl acetate	10.324	43	256653	51.184	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	207404	48.134	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	238615	61.174	ug/l	90
77) Bromobenzene	10.787	156	126276	52.512	ug/l	99
78) n-propylbenzene	10.909	91	679168	55.964	ug/l	100
79) 2-Chlorotoluene	10.989	91	397540	52.260	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	475760	54.534	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	64584	45.950	ug/l	100
82) 4-Chlorotoluene	11.099	91	462489	53.788	ug/l	100
83) tert-Butylbenzene	11.423	119	445724	52.527	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	473160	54.821	ug/l	100
85) sec-Butylbenzene	11.648	105	602277	55.114	ug/l	99
86) p-Isopropyltoluene	11.796	119	493144	56.101	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	242463	52.651	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	245592	52.133	ug/l	100
89) n-Butylbenzene	12.211	91	463410	57.237	ug/l	99
90) Hexachloroethane	12.478	117	82216	51.795	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	242393	51.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	51885	51.033	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	148295	56.527	ug/l	99
94) Hexachlorobutadiene	14.024	225	57288	52.311	ug/l	98
95) Naphthalene	14.089	128	536650	54.388	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	147790	56.093	ug/l	99

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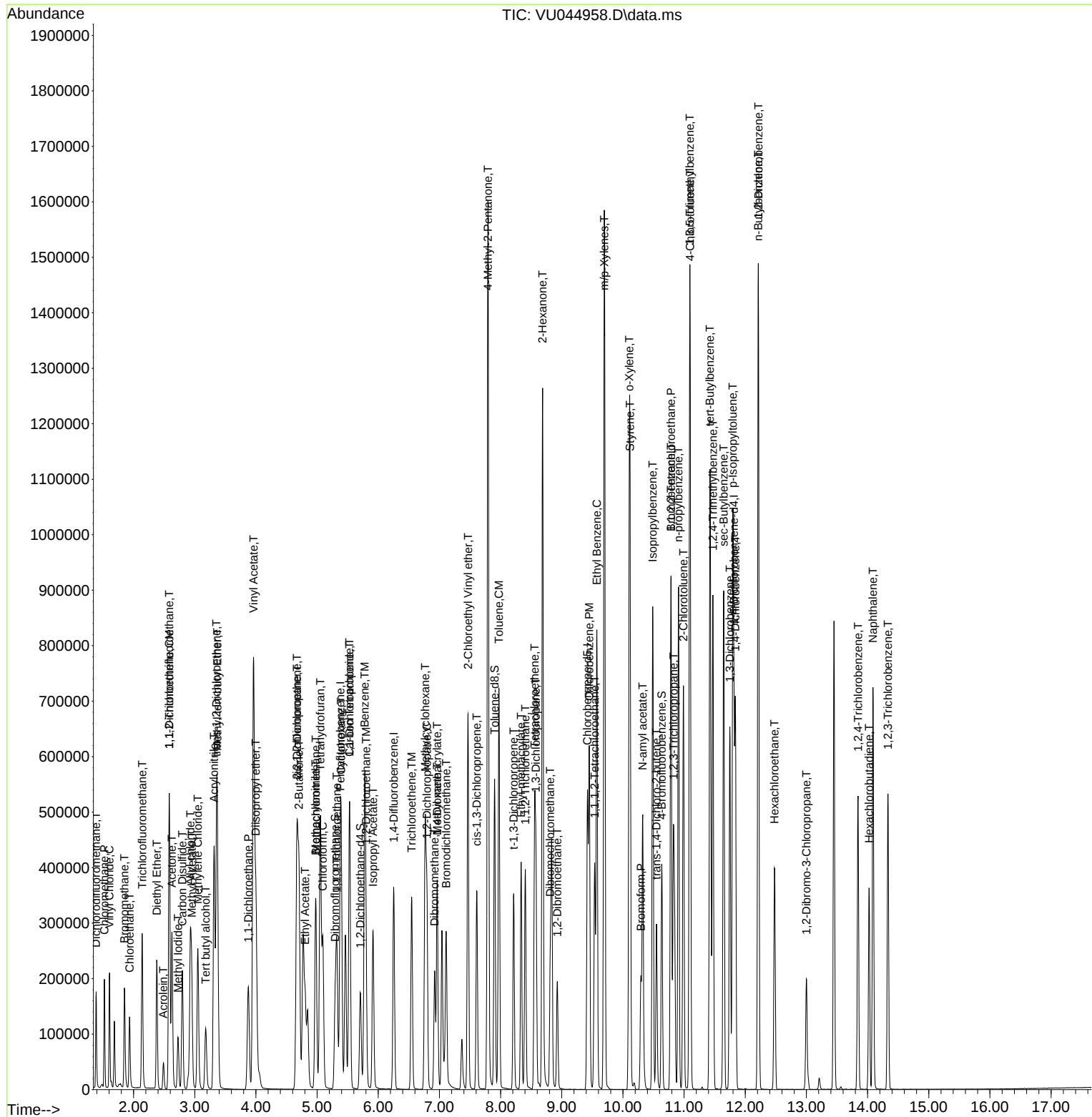
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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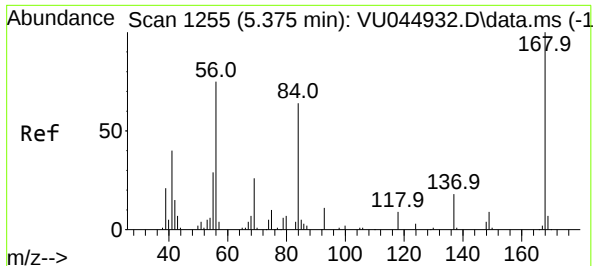
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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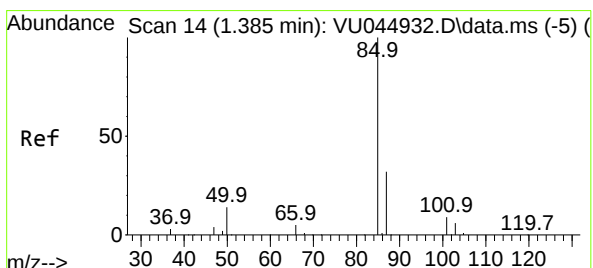
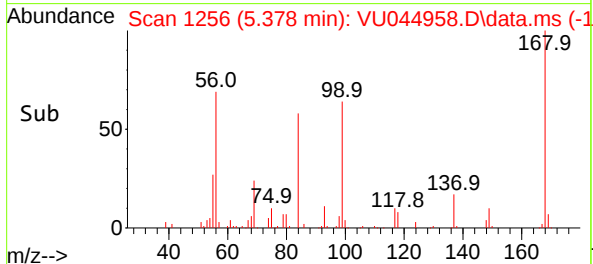
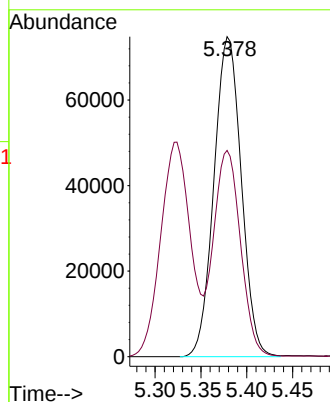
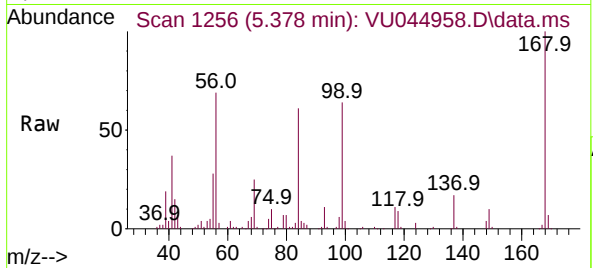




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044958.D
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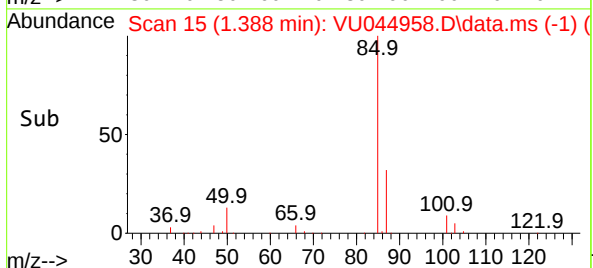
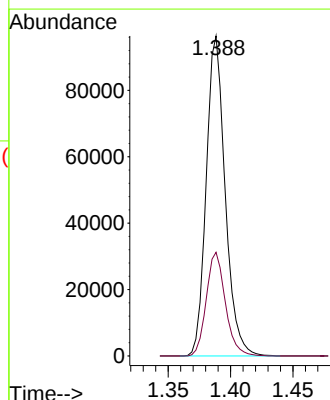
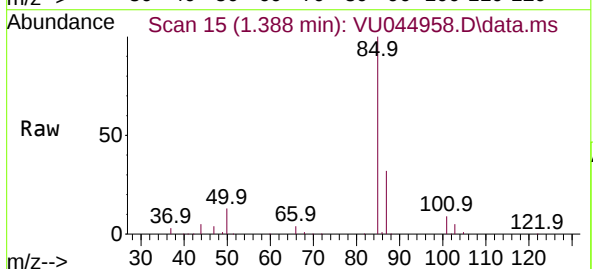
Instrument :
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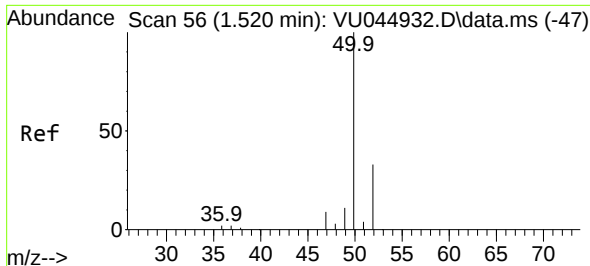
Tgt Ion:168 Resp: 155048
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#2
Dichlorodifluoromethane
Concen: 53.083 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 85 Resp: 101919
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0

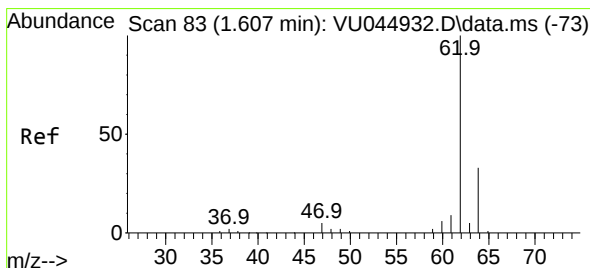
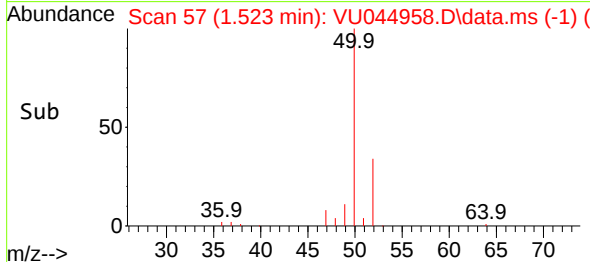
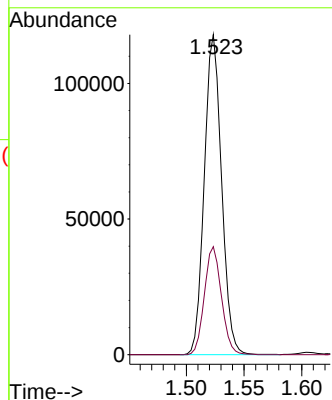
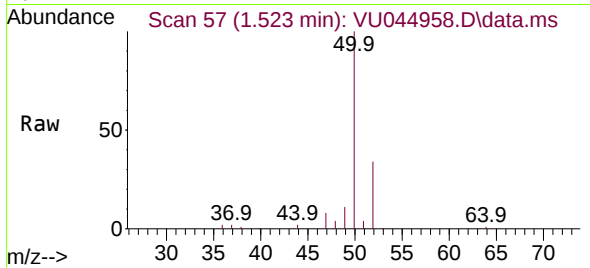




#3
Chloromethane
Concen: 49.393 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

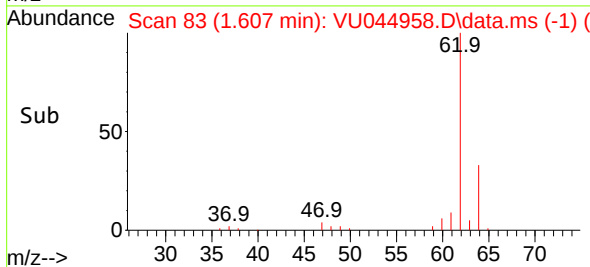
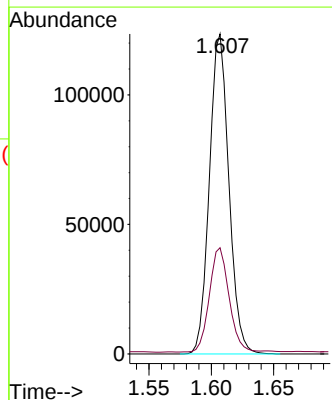
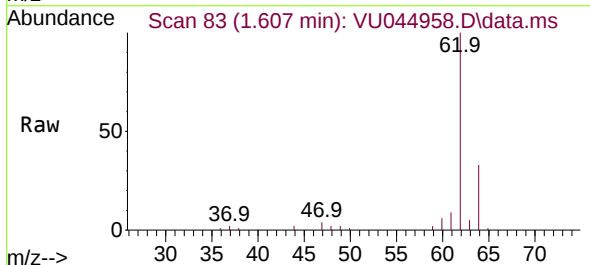
Instrument :
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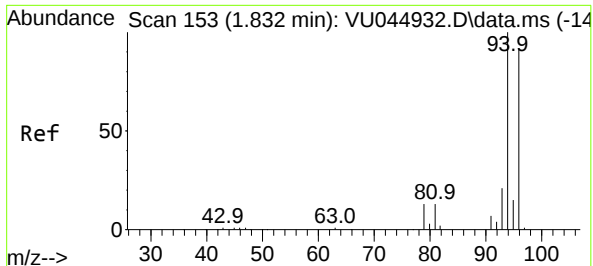
Tgt Ion: 50 Resp: 122839
Ion Ratio Lower Upper
50 100
52 33.7 26.3 39.5



#4
Vinyl Chloride
Concen: 54.139 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 62 Resp: 134439
Ion Ratio Lower Upper
62 100
64 32.6 25.6 38.4

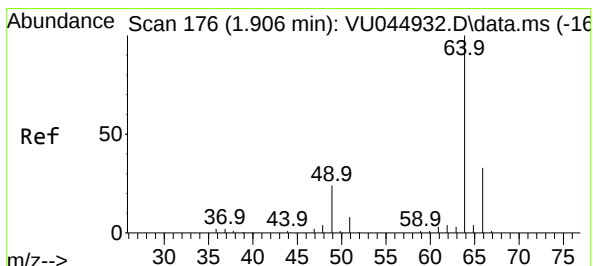
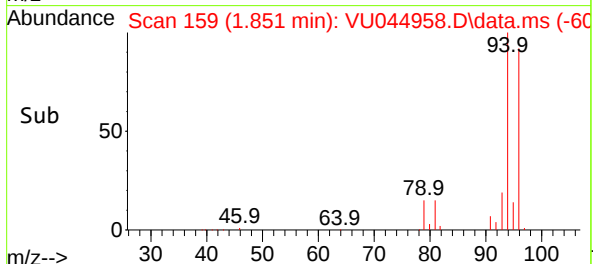
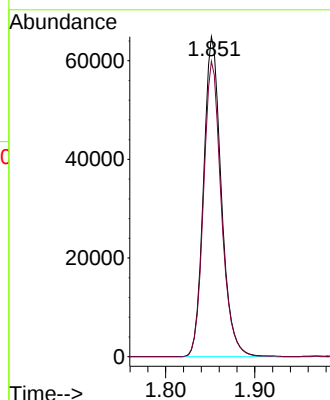
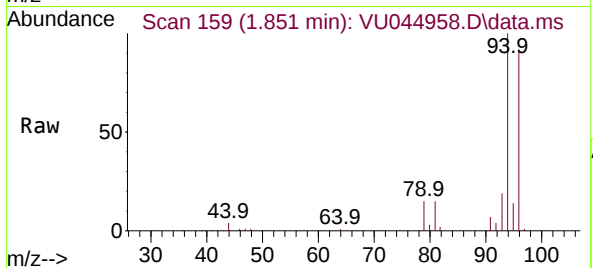




#5
Bromomethane
Concen: 92.016 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

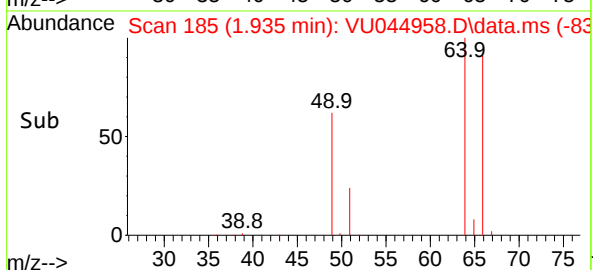
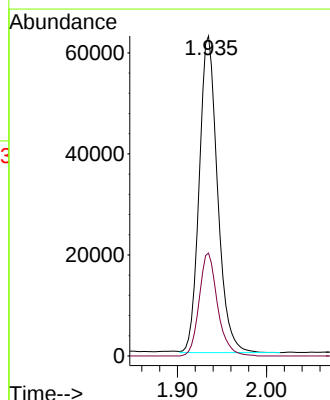
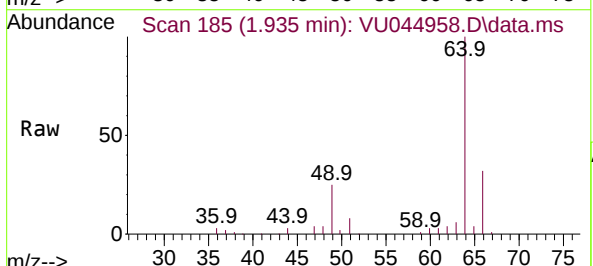
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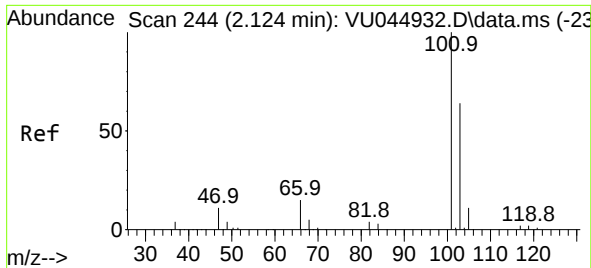
Tgt Ion: 94 Resp: 89630
Ion Ratio Lower Upper
94 100
96 92.3 74.5 111.7



#6
Chloroethane
Concen: 46.940 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.029 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 64 Resp: 89545
Ion Ratio Lower Upper
64 100
66 32.5 25.8 38.8

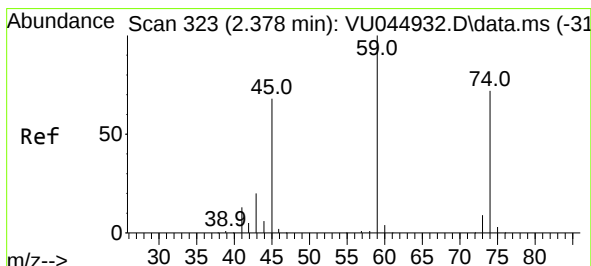
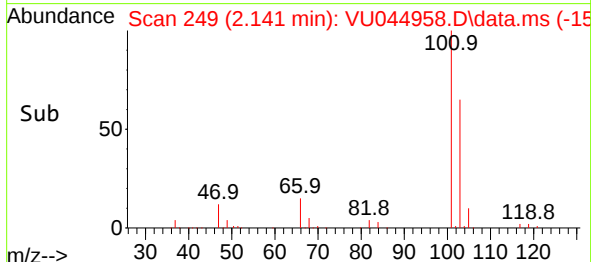
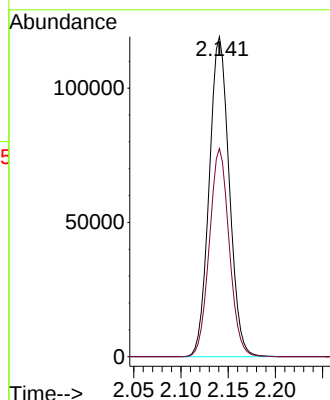
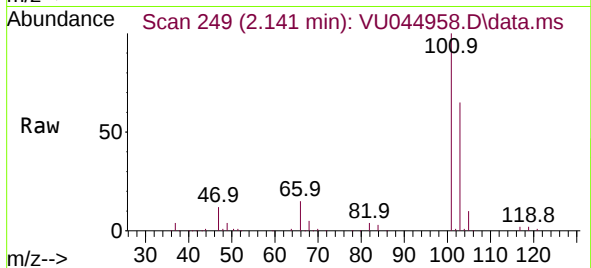




#7
 Trichlorofluoromethane
 Concen: 53.537 ug/l
 RT: 2.141 min Scan# 244
 Delta R.T. 0.017 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

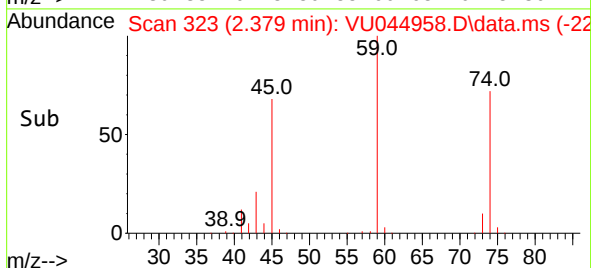
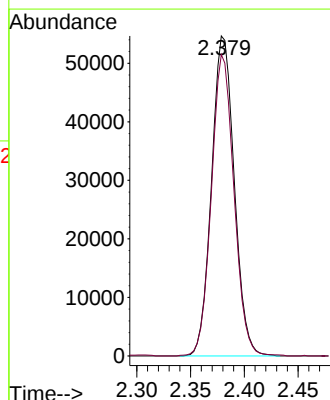
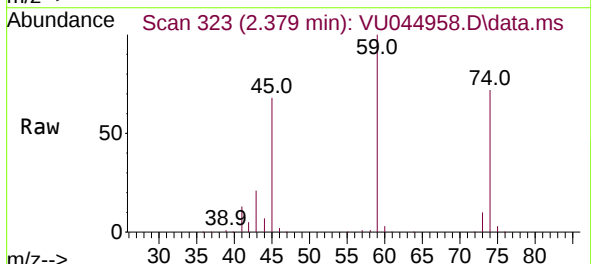
Instrument :
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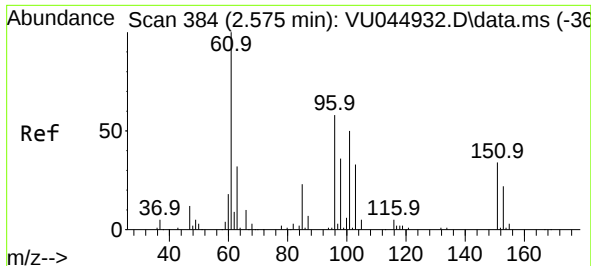
Tgt Ion:101 Resp: 175565
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.2 76.8



#8
 Diethyl Ether
 Concen: 53.435 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.001 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion: 74 Resp: 80307
 Ion Ratio Lower Upper
 74 100
 45 93.7 52.2 156.6

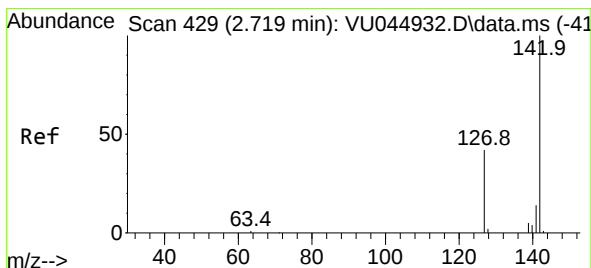
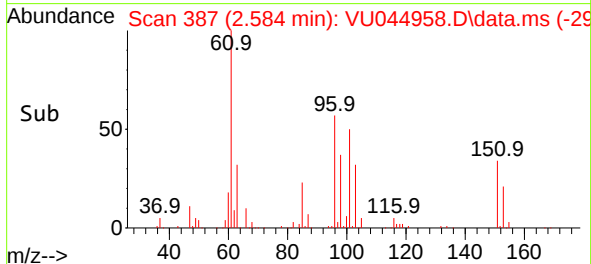
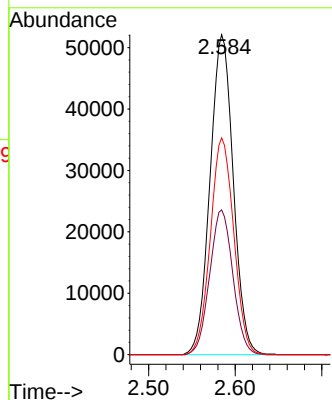
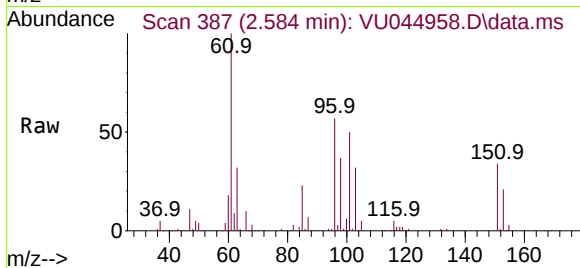




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.039 ug/l
RT: 2.584 min Scan# 384
Delta R.T. 0.009 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

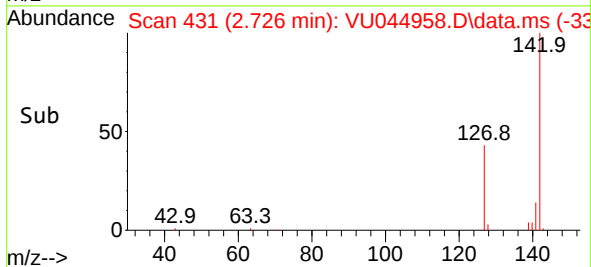
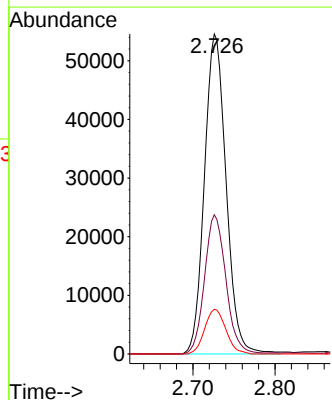
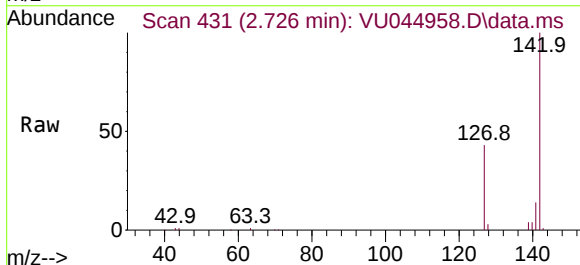
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

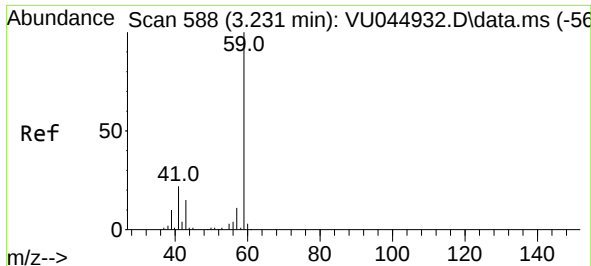
Tgt Ion:101 Resp: 97053
Ion Ratio Lower Upper
101 100
85 45.3 37.2 55.8
151 68.4 55.8 83.8



#10
Methyl Iodide
Concen: 50.277 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion:142 Resp: 100079
Ion Ratio Lower Upper
142 100
127 42.9 35.6 53.4
141 13.6 11.3 16.9

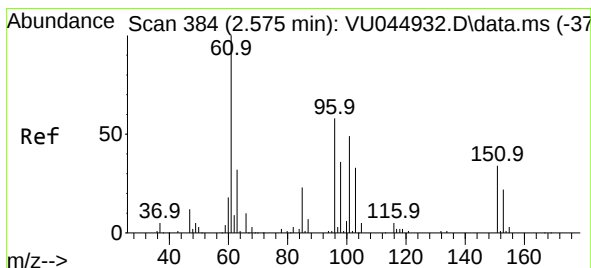
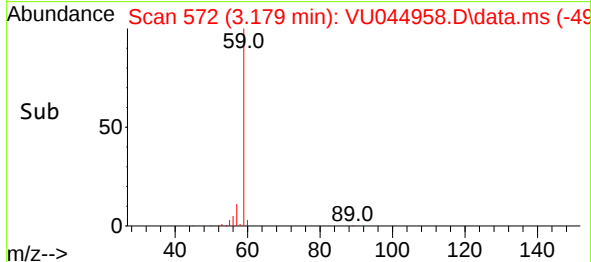
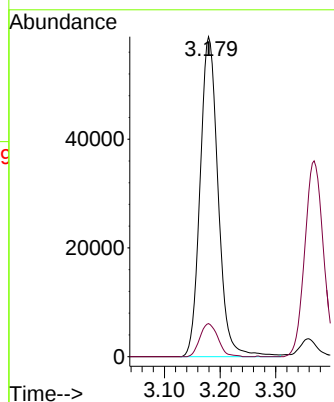
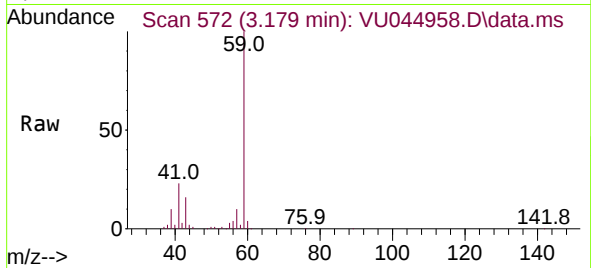




#11
Tert butyl alcohol
Concen: 179.056 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.052 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

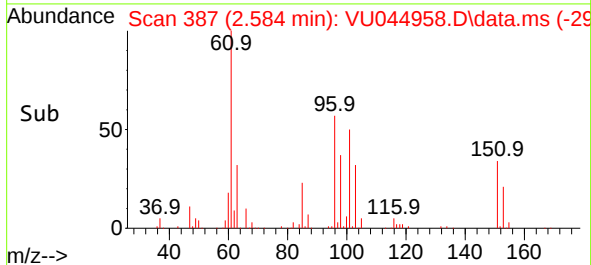
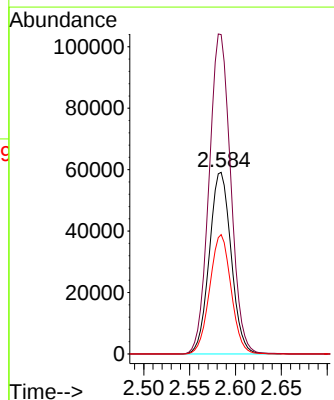
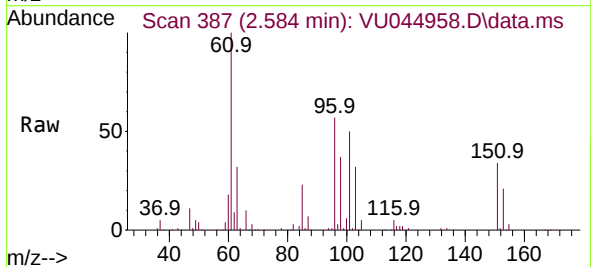
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

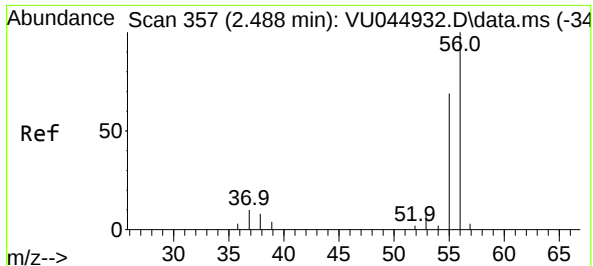
Tgt Ion: 59 Resp: 132636
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 53.216 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 96 Resp: 97826
Ion Ratio Lower Upper
96 100
61 175.9 145.4 218.0
98 65.7 50.9 76.3

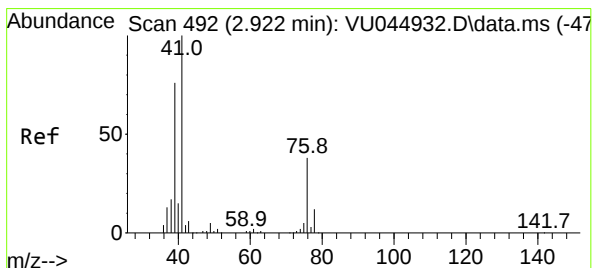
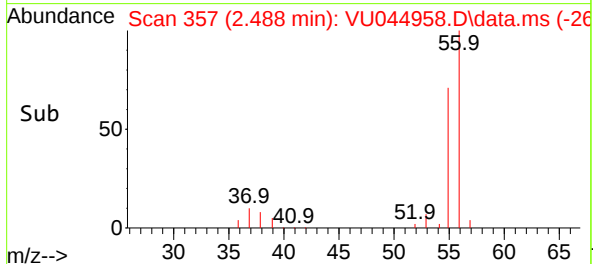
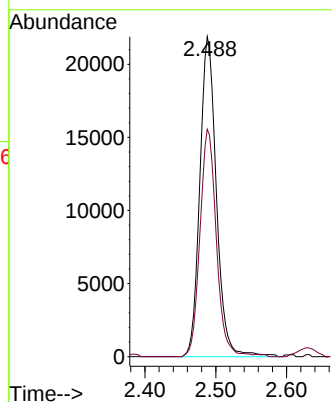
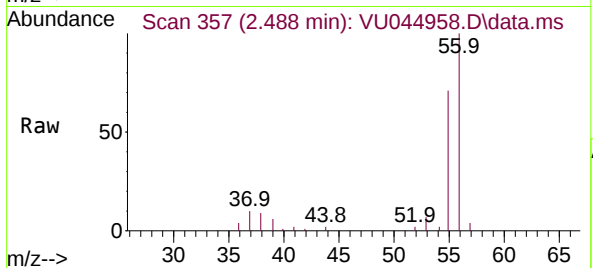




#13
Acrolein
Concen: 246.222 ug/l
RT: 2.488 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

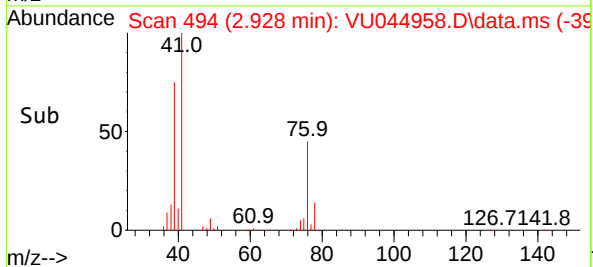
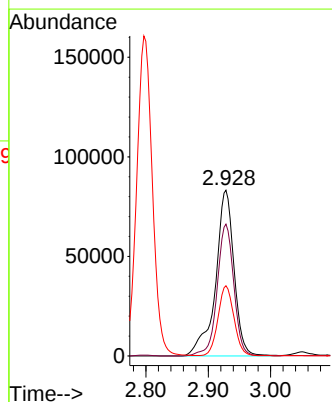
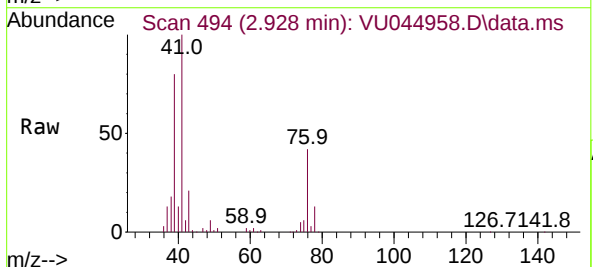
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

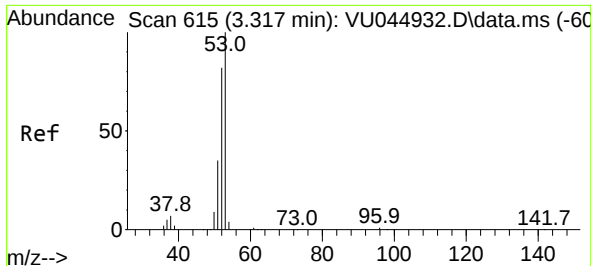
Tgt Ion: 56 Resp: 35555
Ion Ratio Lower Upper
56 100
55 70.5 57.4 86.0



#14
Allyl chloride
Concen: 50.548 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 41 Resp: 171965
Ion Ratio Lower Upper
41 100
39 71.5 53.0 79.6
76 36.1 25.7 38.5

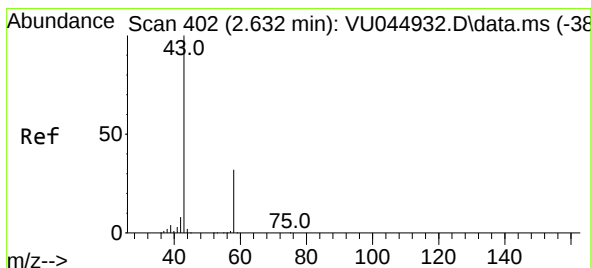
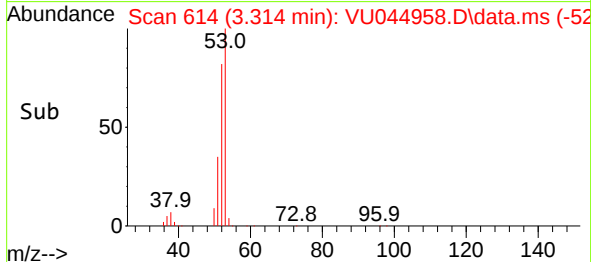
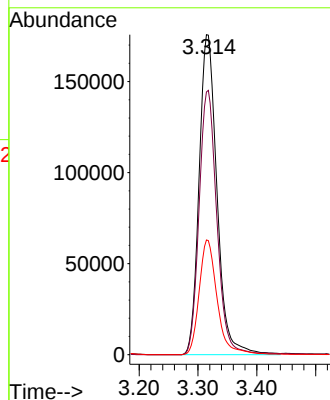
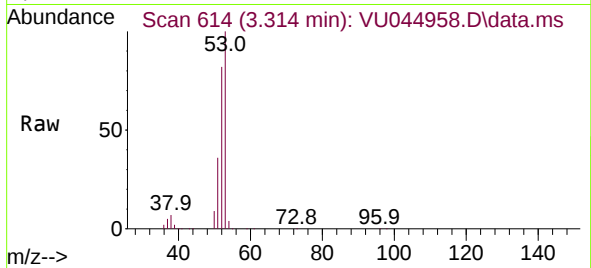




#15
Acrylonitrile
Concen: 248.051 ug/l
RT: 3.314 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

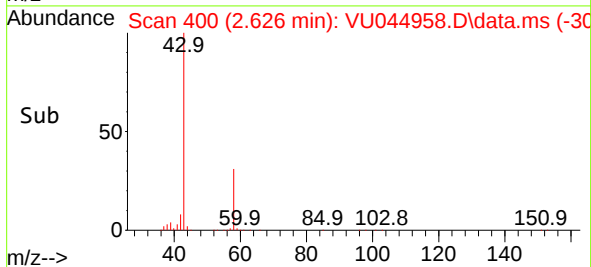
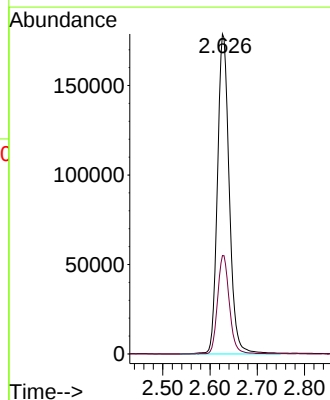
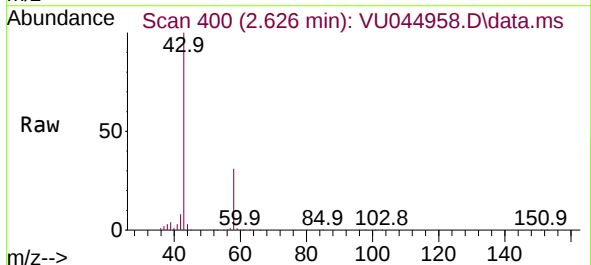
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

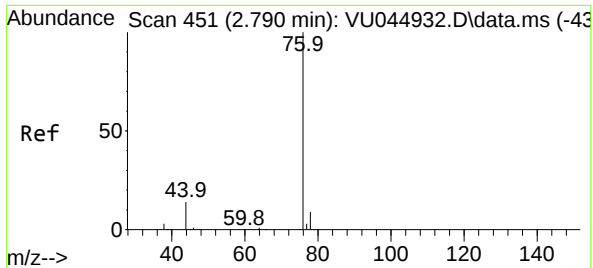
Tgt Ion: 53 Resp: 370568
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.2 28.6 42.8



#16
Acetone
Concen: 203.083 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 43 Resp: 311125
Ion Ratio Lower Upper
43 100
58 30.8 25.2 37.8

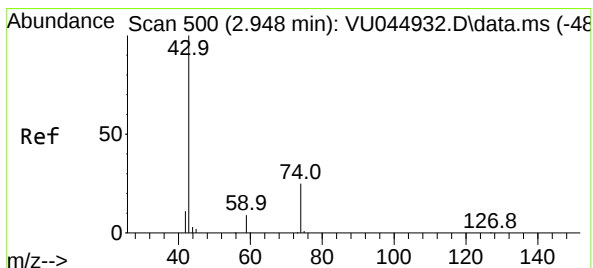
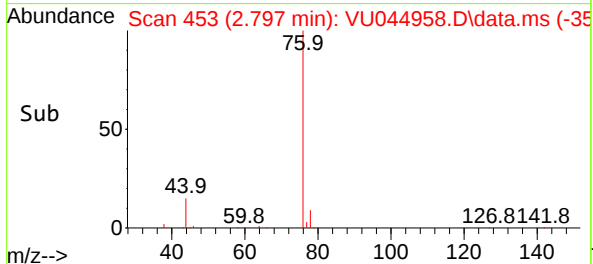
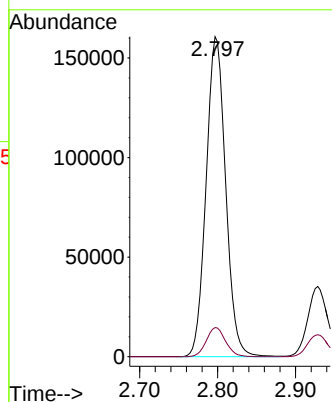
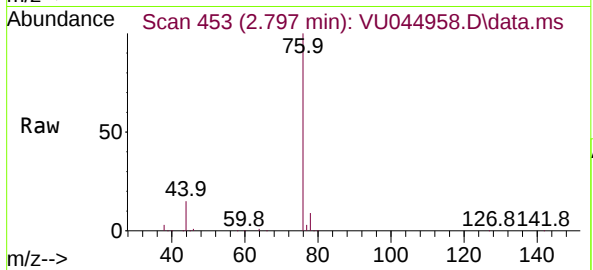




#17
Carbon Disulfide
Concen: 51.627 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.007 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

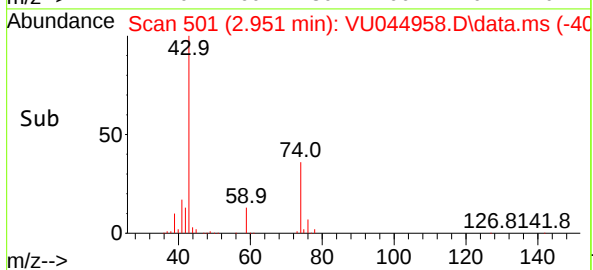
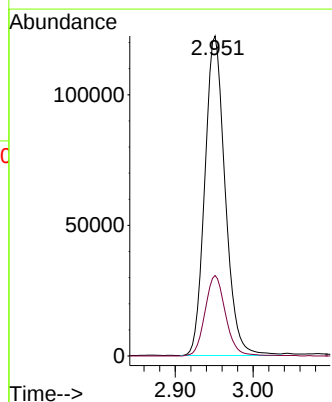
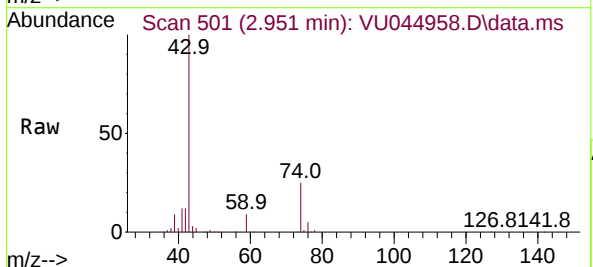
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

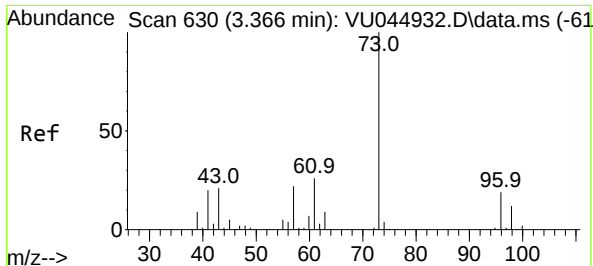
Tgt Ion: 76 Resp: 280159
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 49.680 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 43 Resp: 222448
Ion Ratio Lower Upper
43 100
74 25.4 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 52.881 ug/l

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

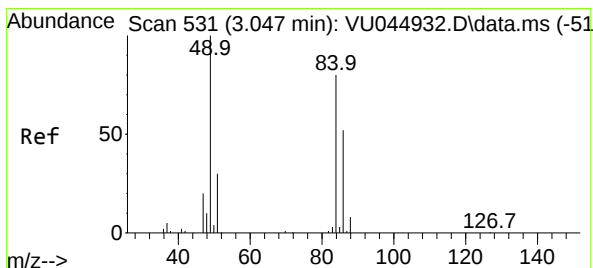
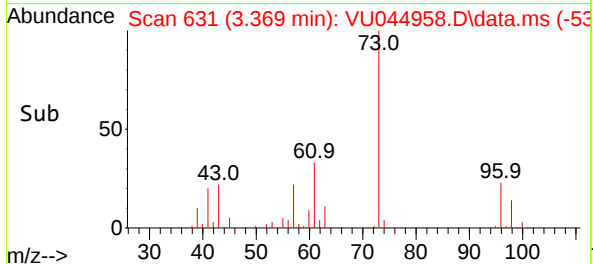
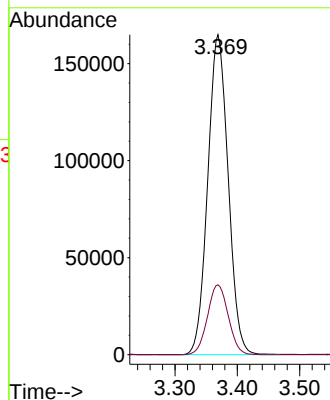
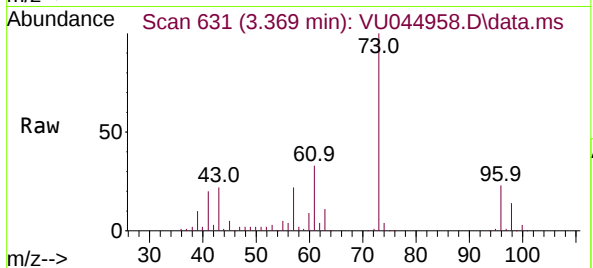
VSTDCCC050

Tgt Ion: 73 Resp: 375254

Ion Ratio Lower Upper

73 100

57 21.8 18.2 27.2



#20

Methylene Chloride

Concen: 51.904 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.004 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Tgt Ion: 84 Resp: 119771

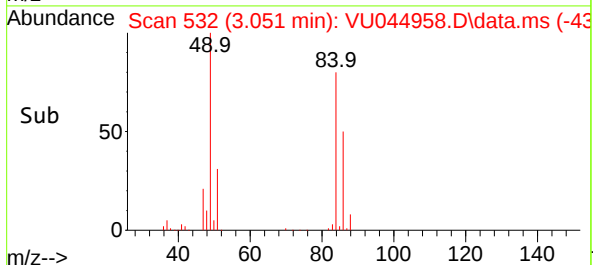
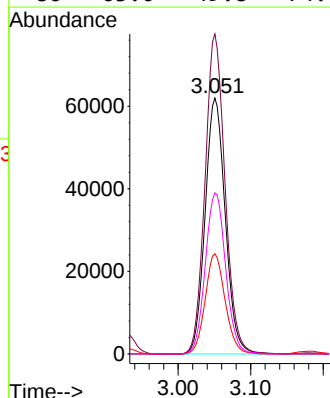
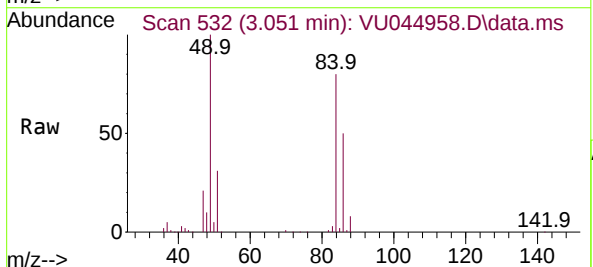
Ion Ratio Lower Upper

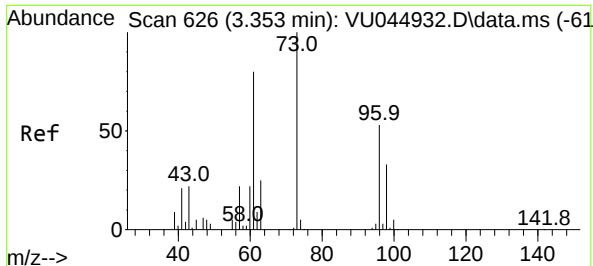
84 100

49 125.1 104.9 157.3

51 39.1 31.8 47.8

86 63.0 49.8 74.6

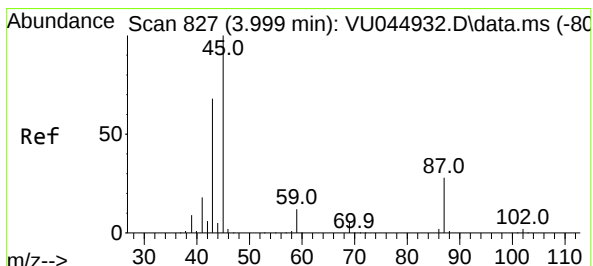
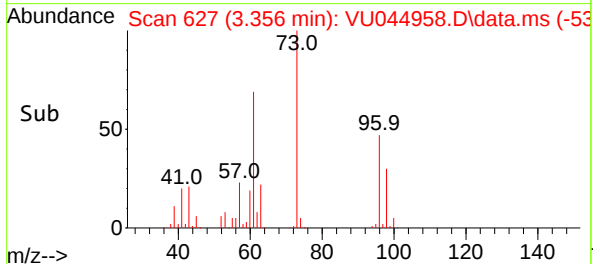
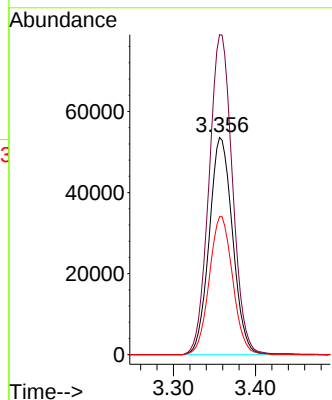
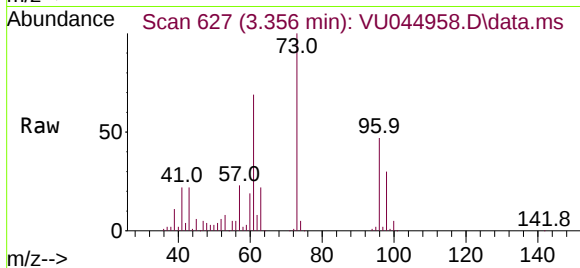




#21
trans-1,2-Dichloroethene
Concen: 52.956 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

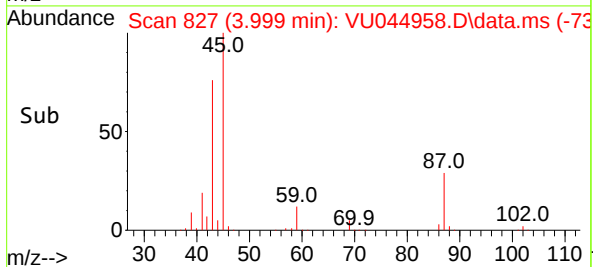
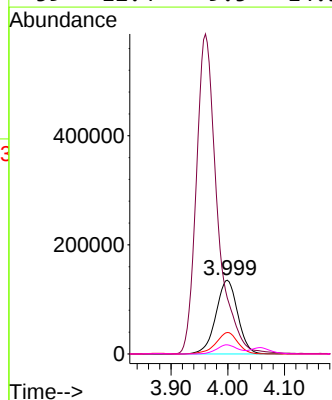
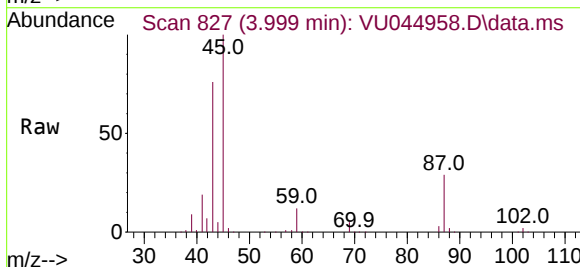
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

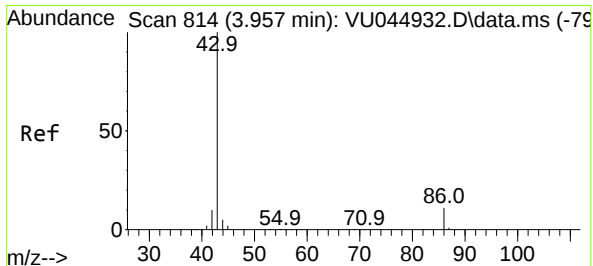
Tgt Ion: 96 Resp: 106492
Ion Ratio Lower Upper
96 100
61 147.2 123.2 184.8
98 63.6 51.0 76.6



#22
Diisopropyl ether
Concen: 52.190 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 45 Resp: 362487
Ion Ratio Lower Upper
45 100
43 74.7 62.3 93.5
87 29.1 21.0 31.4
59 12.4 9.5 14.3

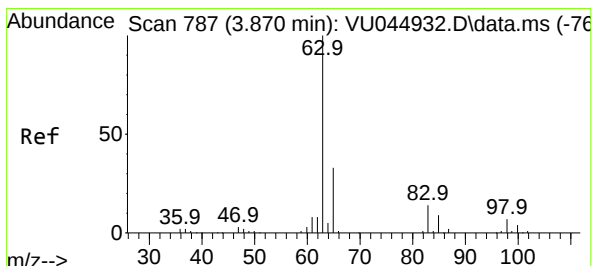
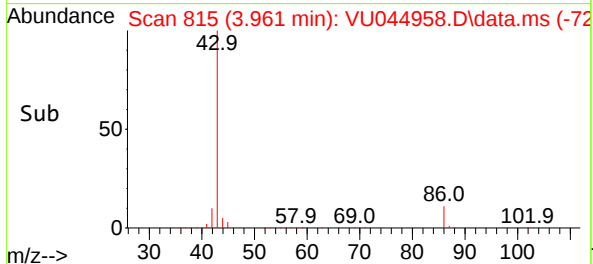
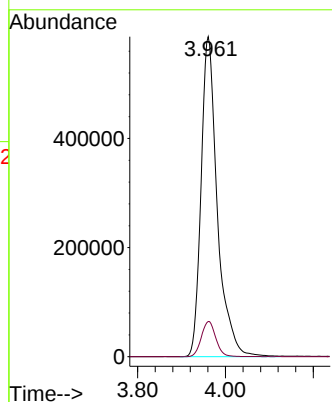
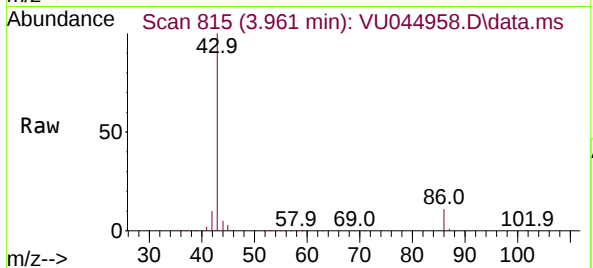




#23
 Vinyl Acetate
 Concen: 266.784 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.004 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

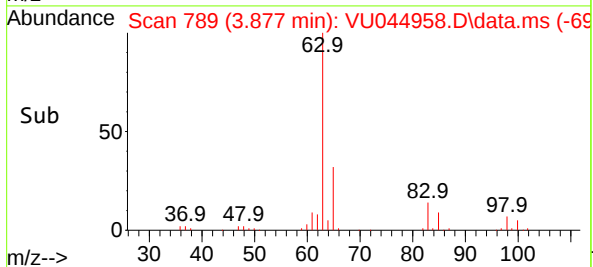
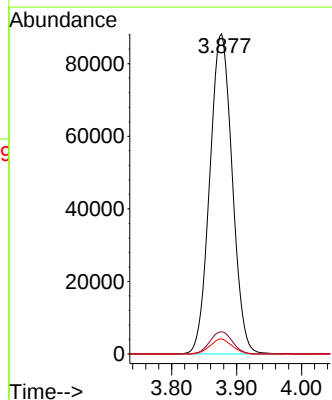
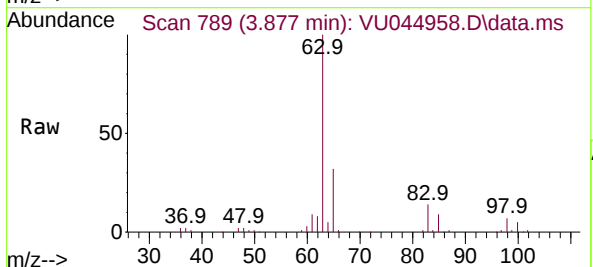
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

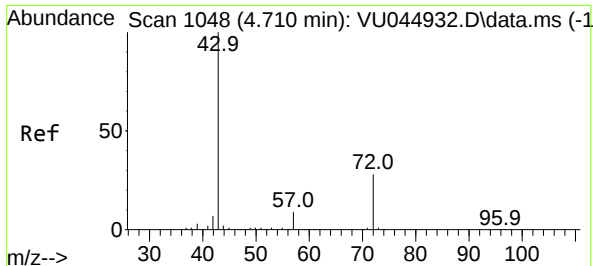
Tgt Ion: 43 Resp: 1507030
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 53.144 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.007 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion: 63 Resp: 211894
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 230.460 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. -0.007 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

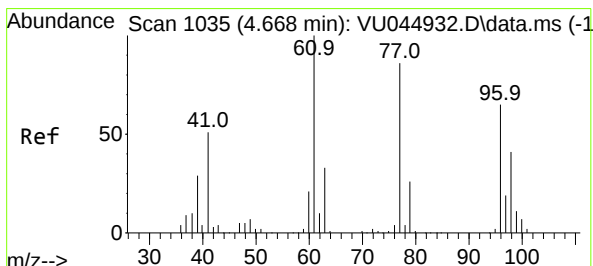
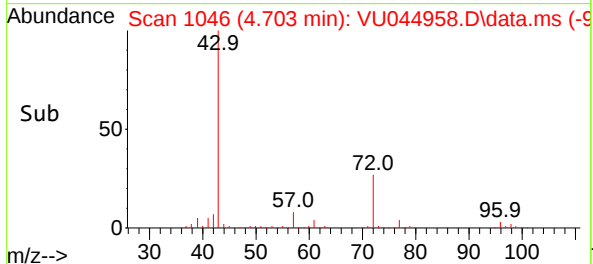
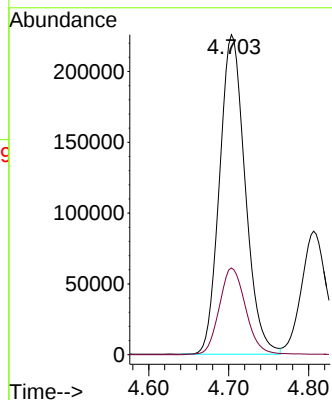
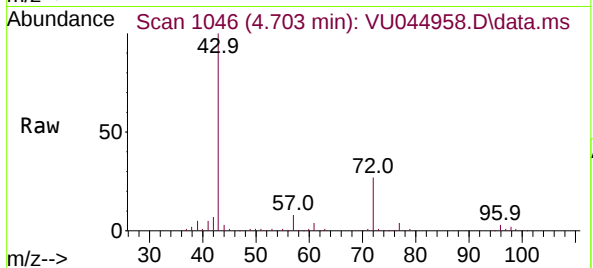
VSTDCCC050

Tgt Ion: 43 Resp: 501627

Ion Ratio Lower Upper

43 100

72 27.2 21.3 31.9



#26

2,2-Dichloropropane

Concen: 45.235 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU044958.D

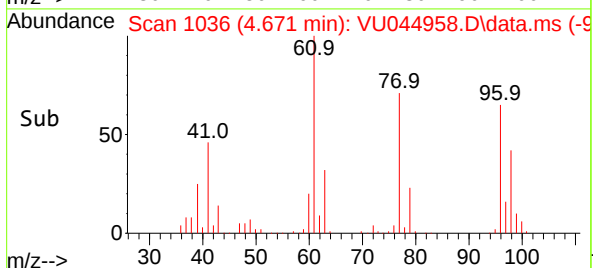
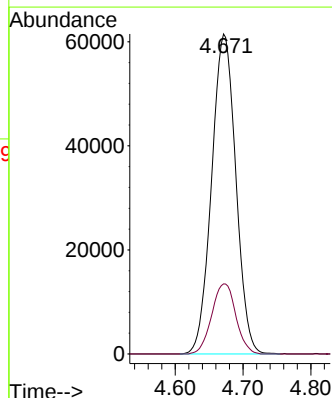
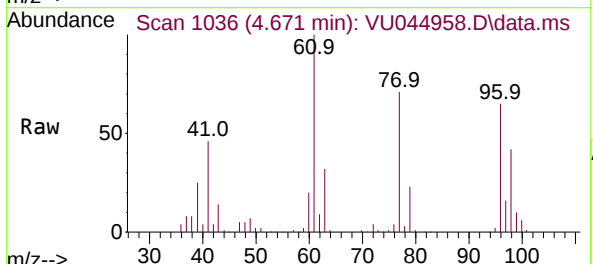
Acq: 28 Sep 2021 22:13

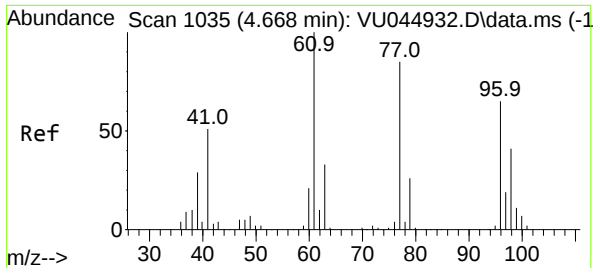
Tgt Ion: 77 Resp: 152486

Ion Ratio Lower Upper

77 100

97 21.9 10.8 32.4

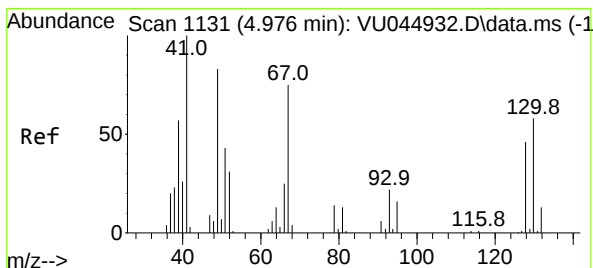
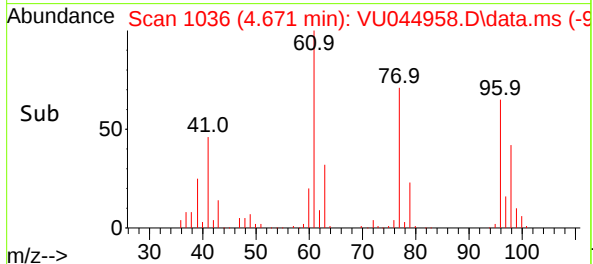
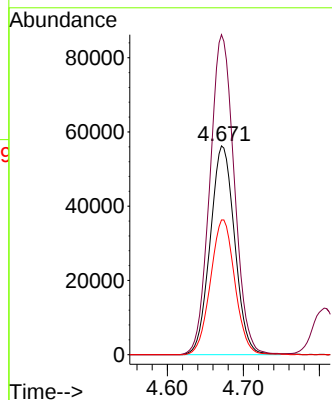
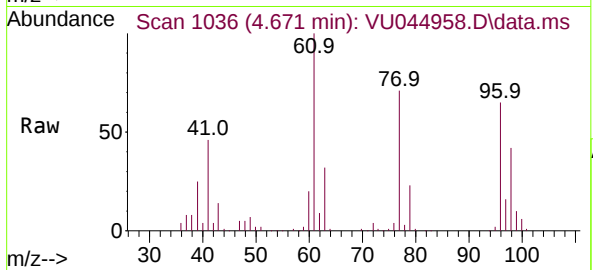




#27
 cis-1,2-Dichloroethene
 Concen: 52.868 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

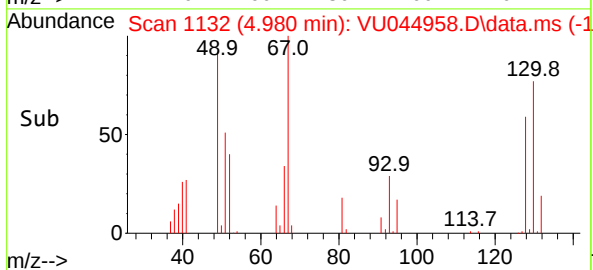
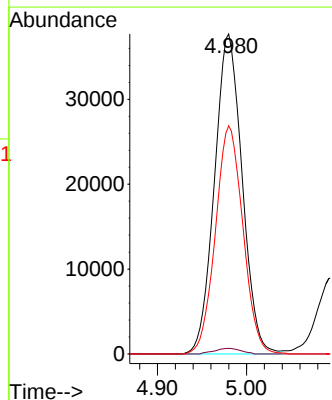
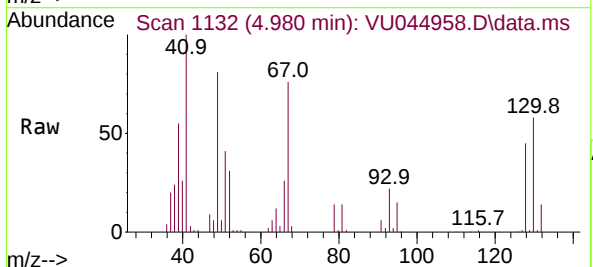
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

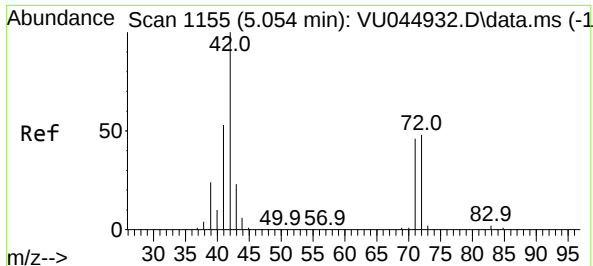
Tgt Ion: 96 Resp: 125564
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 313.4
 98 64.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 49.212 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.004 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion: 49 Resp: 81327
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 70.9 53.4 80.2





#29

Tetrahydrofuran

Concen: 247.443 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

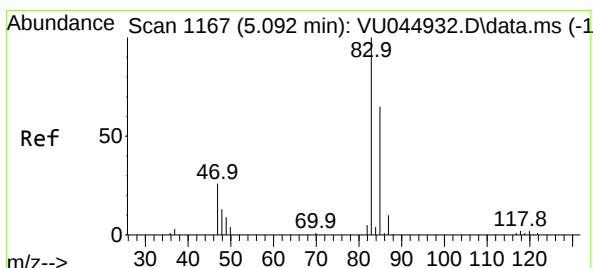
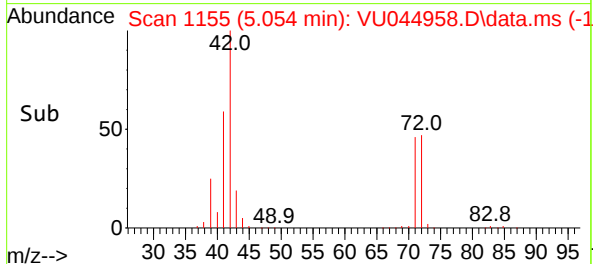
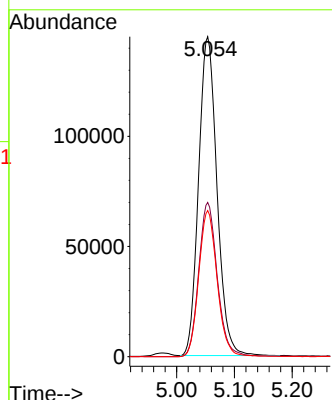
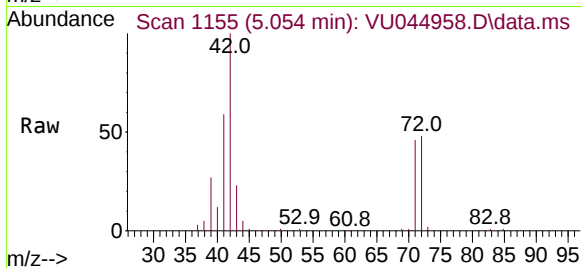
Tgt Ion: 42 Resp: 320612

Ion Ratio Lower Upper

42 100

72 49.0 36.2 54.4

71 45.7 34.1 51.1



#30

Chloroform

Concen: 52.554 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU044958.D

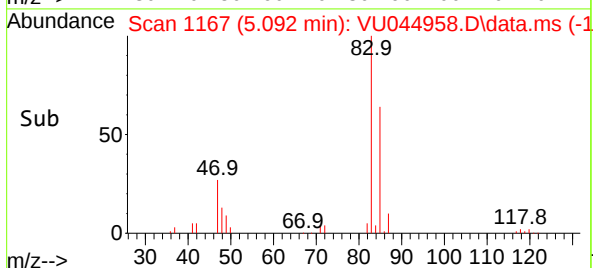
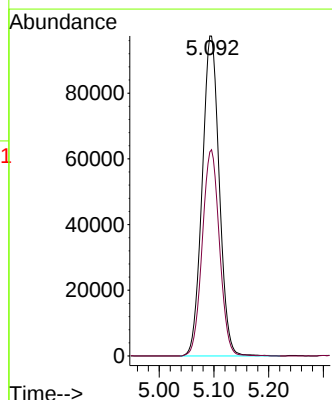
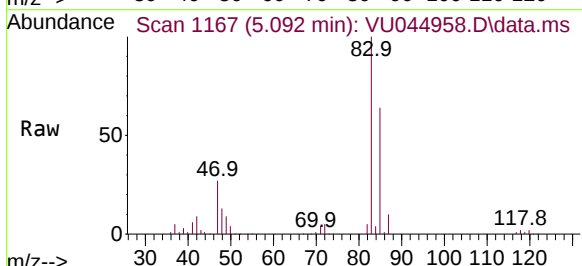
Acq: 28 Sep 2021 22:13

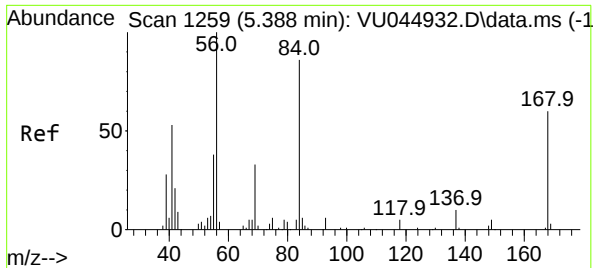
Tgt Ion: 83 Resp: 211196

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

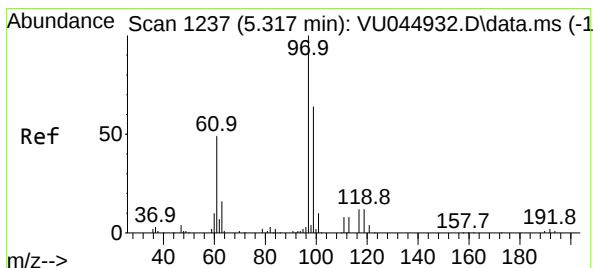
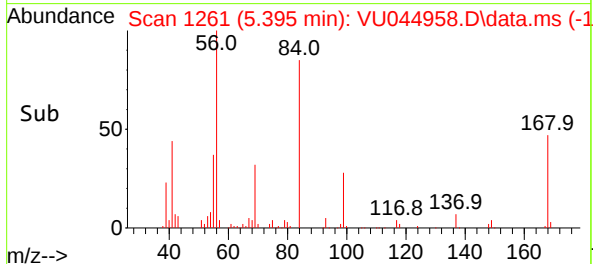
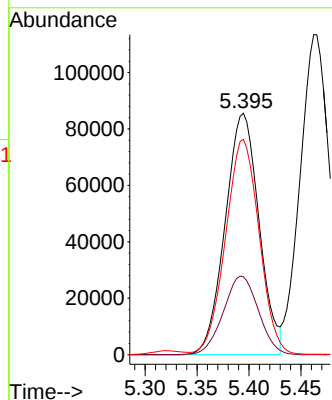
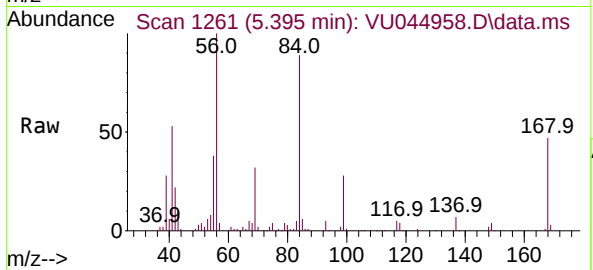




#31
Cyclohexane
Concen: 49.527 ug/l
RT: 5.395 min Scan# 1261
Delta R.T. 0.007 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

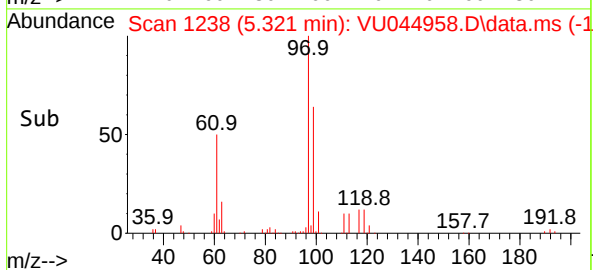
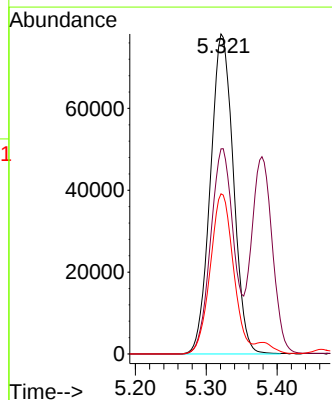
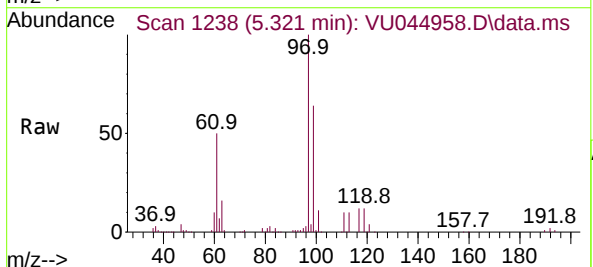
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

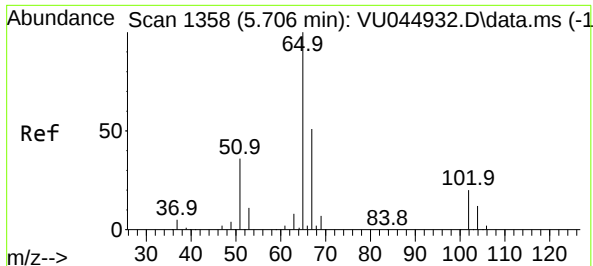
Tgt Ion: 56 Resp: 194172
Ion Ratio Lower Upper
56 100
69 32.3 25.2 37.8
84 88.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.166 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.004 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 97 Resp: 176289
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 50.5 40.7 61.1

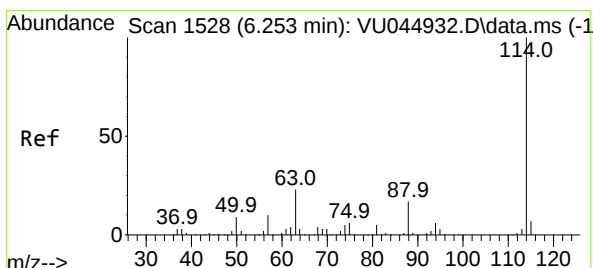
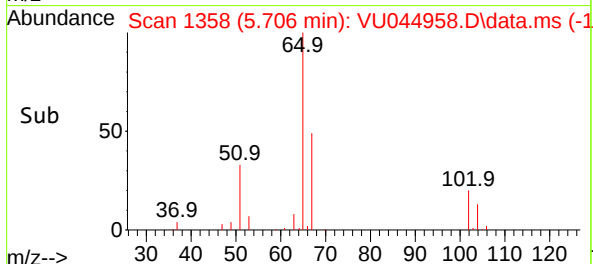
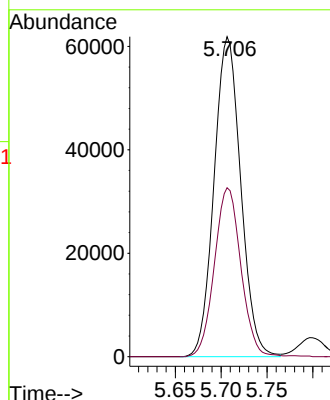
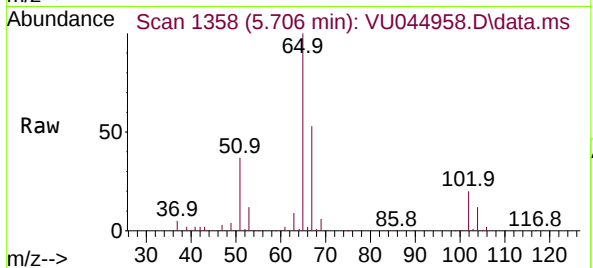




#33
 1,2-Dichloroethane-d4
 Concen: 48.464 ug/l
 RT: 5.706 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

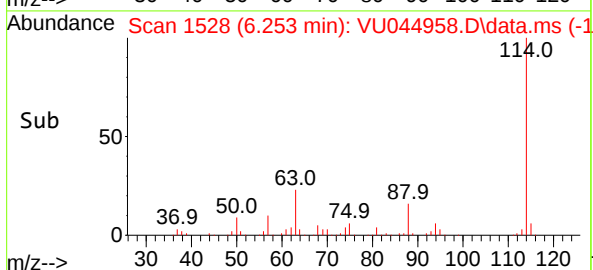
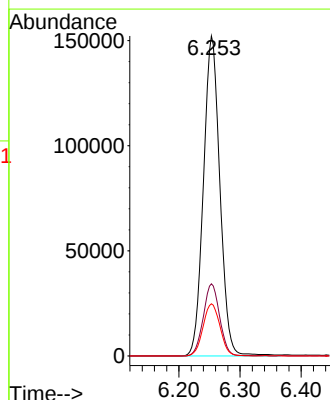
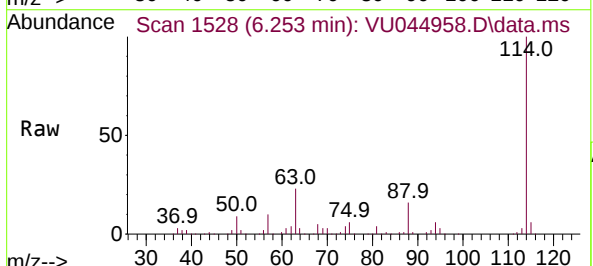
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

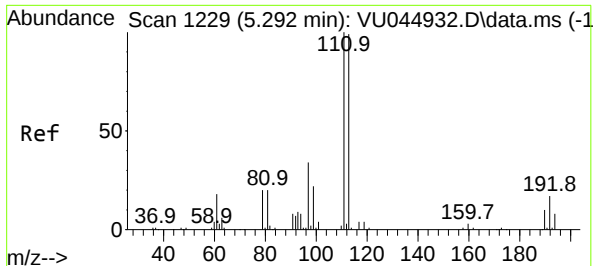
Tgt Ion: 65 Resp: 125083
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.253 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion: 114 Resp: 284643
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.8
 88 16.3 0.0 32.8

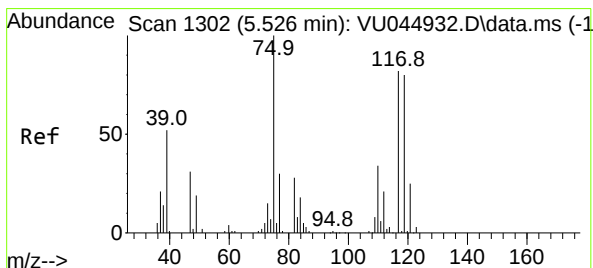
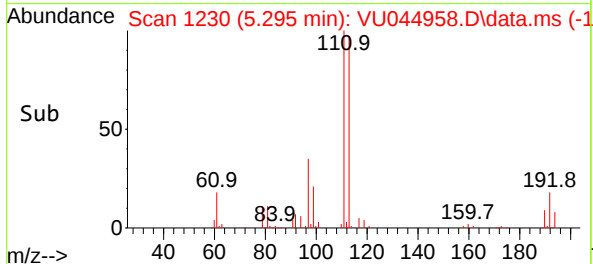
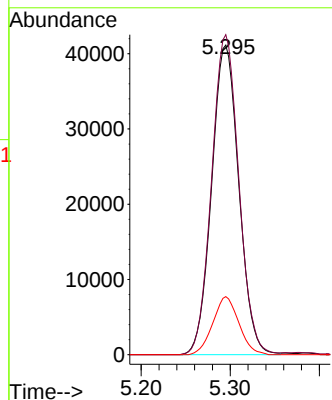
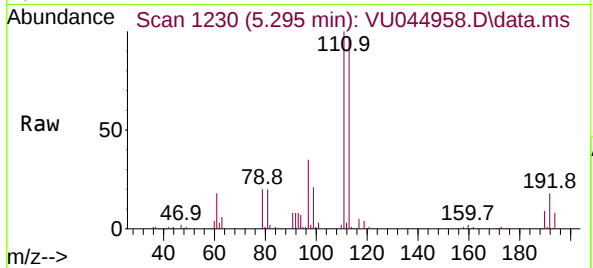




#35
 Dibromofluoromethane
 Concen: 48.628 ug/l
 RT: 5.295 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

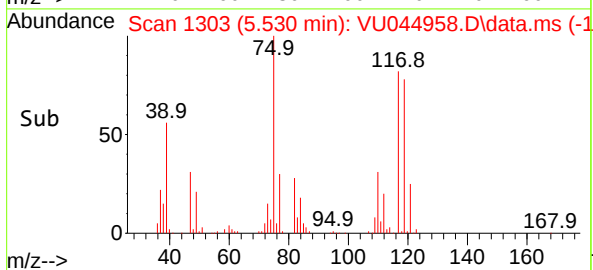
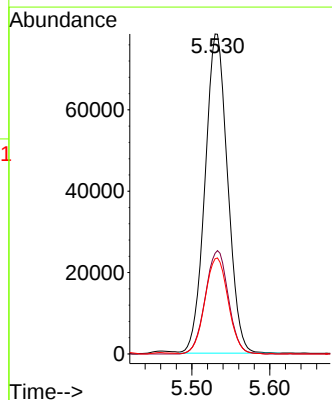
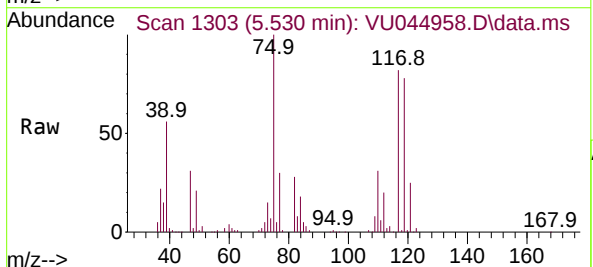
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

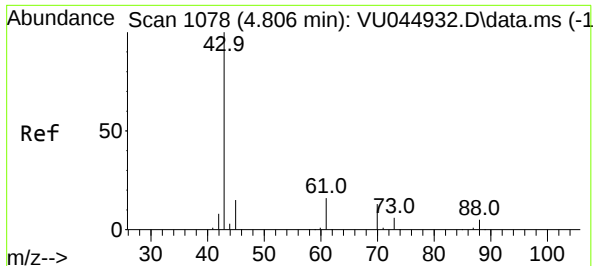
Tgt Ion:113 Resp: 87317
 Ion Ratio Lower Upper
 113 100
 111 103.2 84.1 126.1
 192 18.0 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 53.065 ug/l
 RT: 5.530 min Scan# 1303
 Delta R.T. 0.004 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion: 75 Resp: 157958
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.3 48.9
 77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 49.218 ug/l

RT: 4.806 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

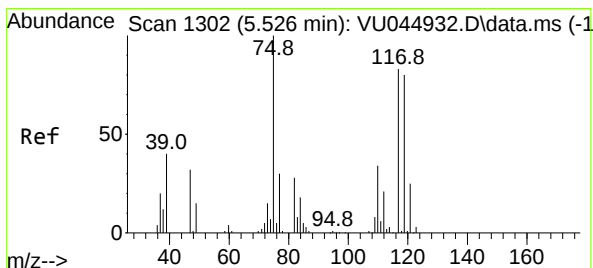
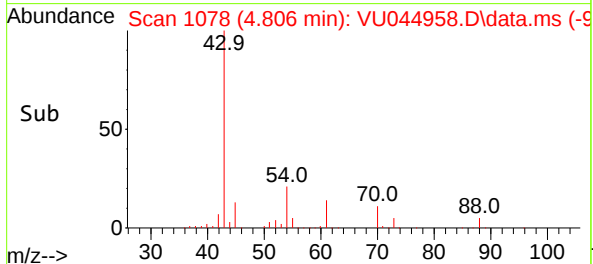
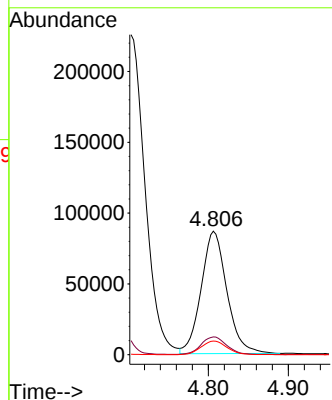
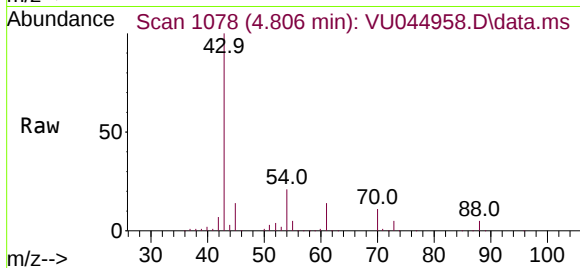
Tgt Ion: 43 Resp: 193846

Ion Ratio Lower Upper

43 100

61 14.1 10.9 16.3

70 11.3 8.2 12.4



#38

Carbon Tetrachloride

Concen: 54.050 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.004 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

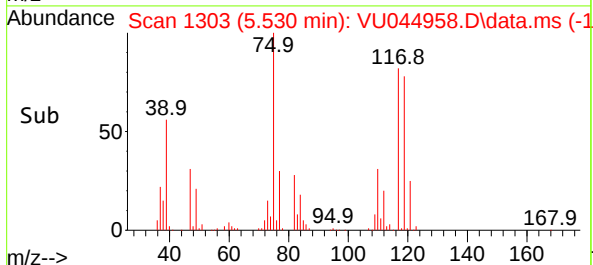
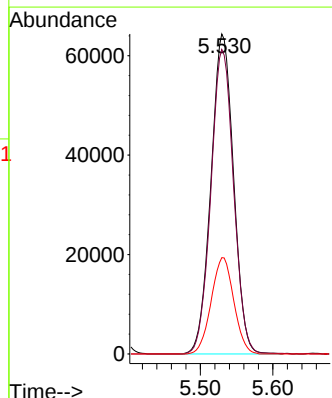
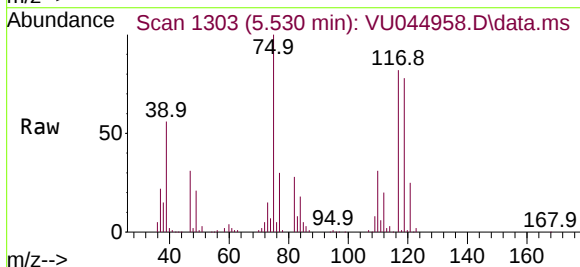
Tgt Ion: 117 Resp: 139220

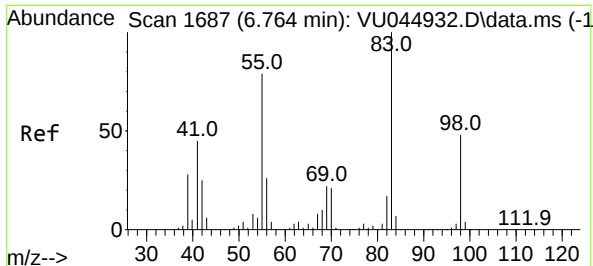
Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.2

121 30.1 24.5 36.7





#39

Methylcyclohexane

Concen: 52.086 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

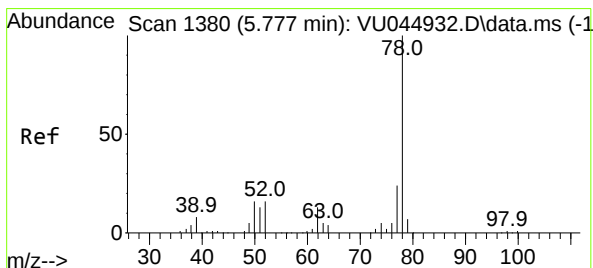
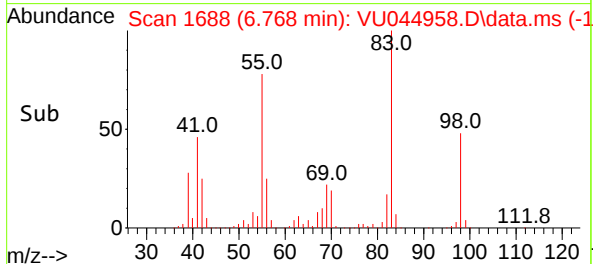
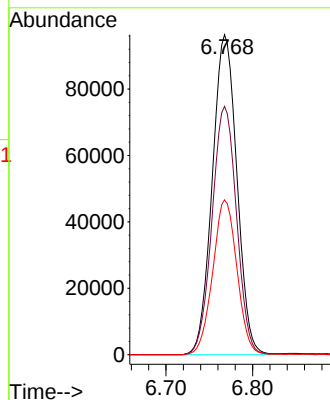
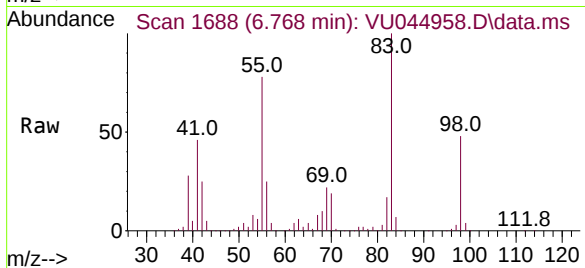
Tgt Ion: 83 Resp: 190335

Ion Ratio Lower Upper

83 100

55 77.6 66.2 99.4

98 48.4 37.5 56.3



#40

Benzene

Concen: 52.200 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU044958.D

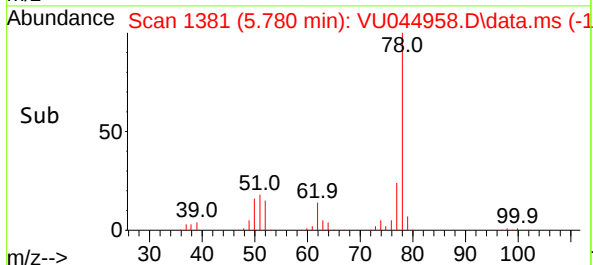
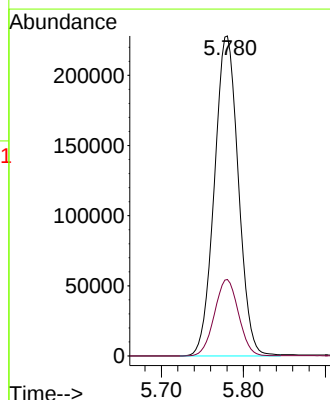
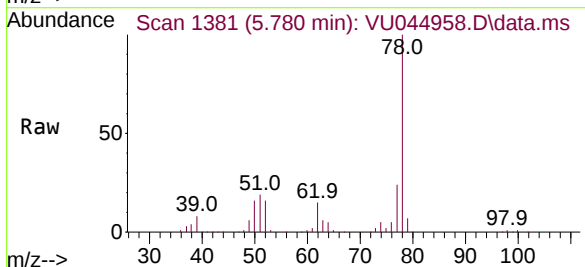
Acq: 28 Sep 2021 22:13

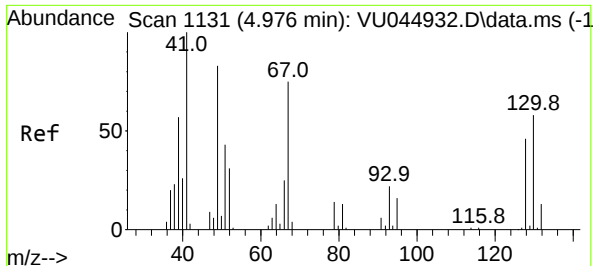
Tgt Ion: 78 Resp: 462787

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



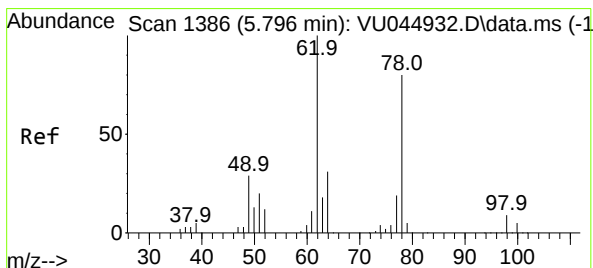
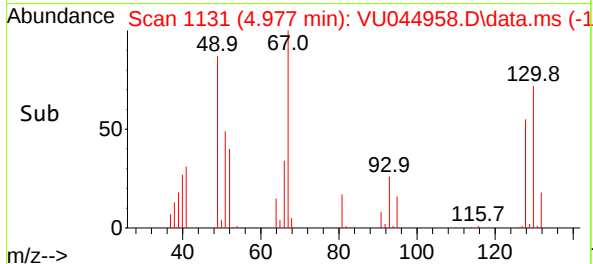
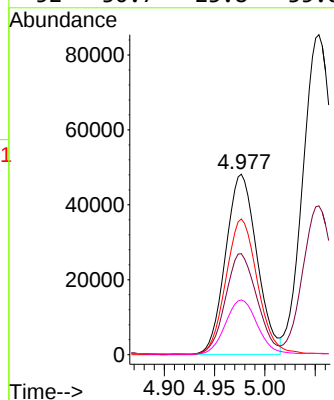
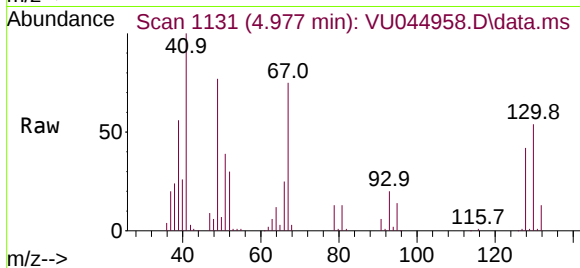


#41
Methacrylonitrile
Concen: 51.458 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 104336

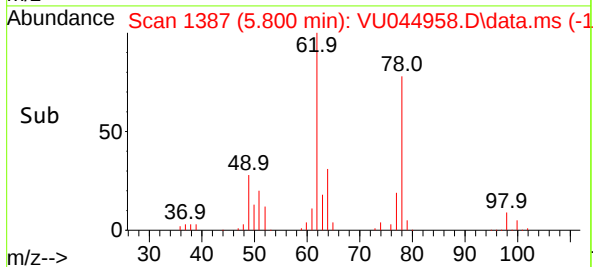
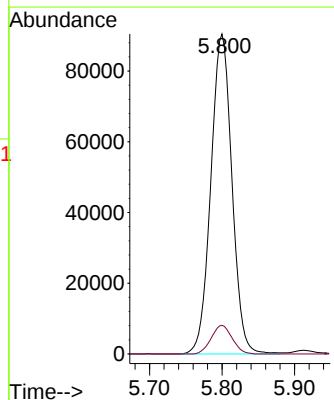
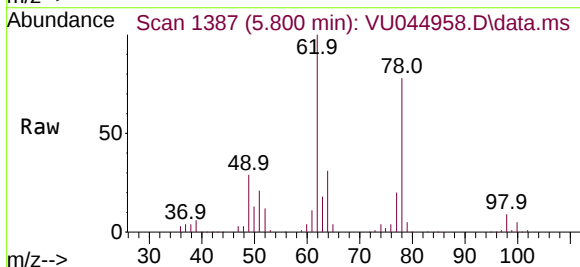
Ion	Ratio	Lower	Upper
41	100		
39	56.2	44.4	66.6
67	76.7	58.1	87.1
52	30.7	23.8	35.8

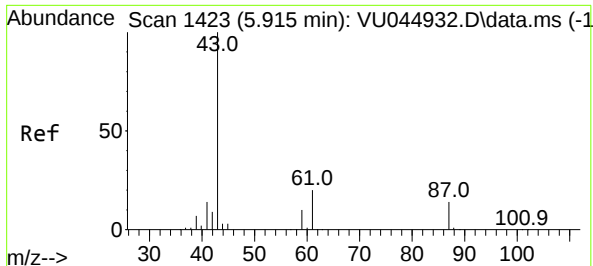


#42
1,2-Dichloroethane
Concen: 52.475 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 62 Resp: 182852

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 50.238 ug/l

RT: 5.915 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

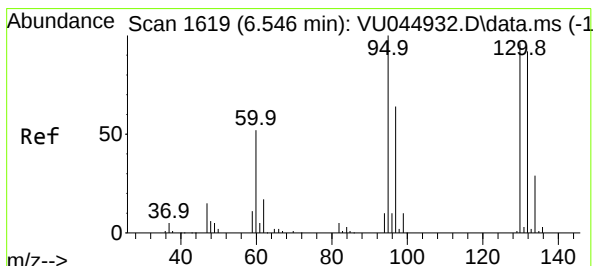
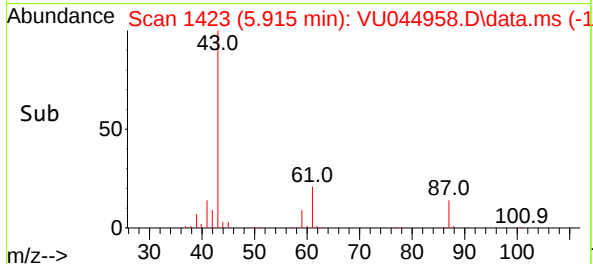
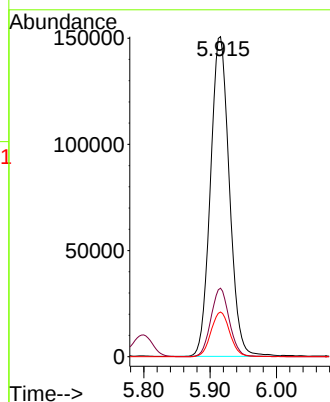
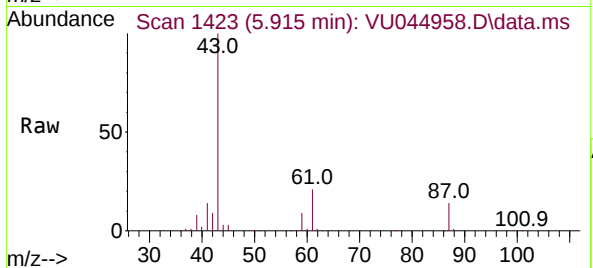
Tgt Ion: 43 Resp: 297672

Ion Ratio Lower Upper

43 100

61 20.9 16.1 24.1

87 13.9 10.3 15.5



#44

Trichloroethene

Concen: 53.259 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU044958.D

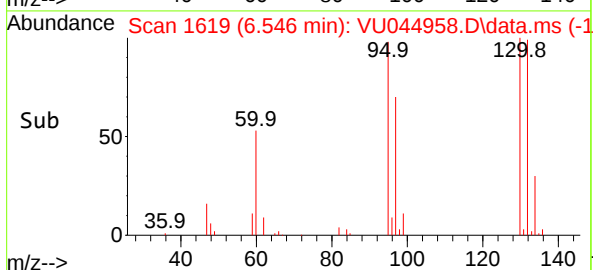
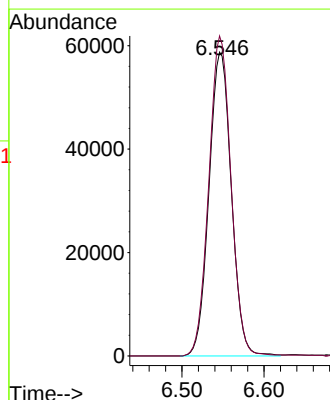
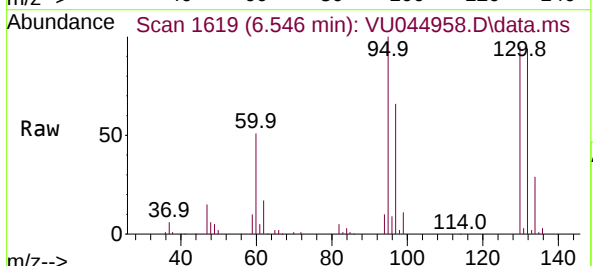
Acq: 28 Sep 2021 22:13

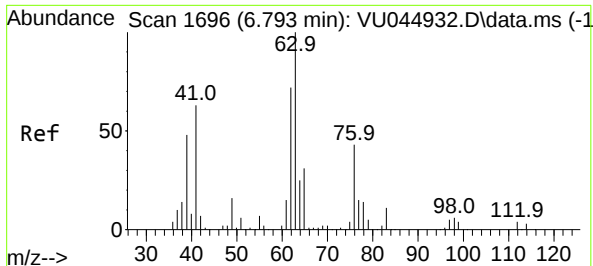
Tgt Ion:130 Resp: 111326

Ion Ratio Lower Upper

130 100

95 105.3 0.0 209.0





#45

1,2-Dichloropropane

Concen: 52.184 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

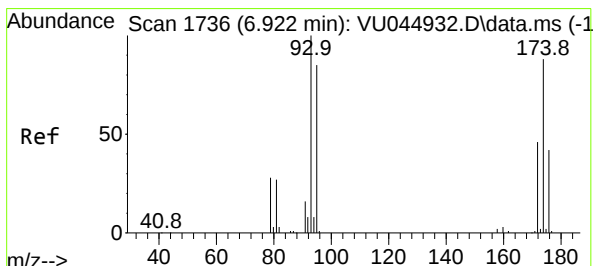
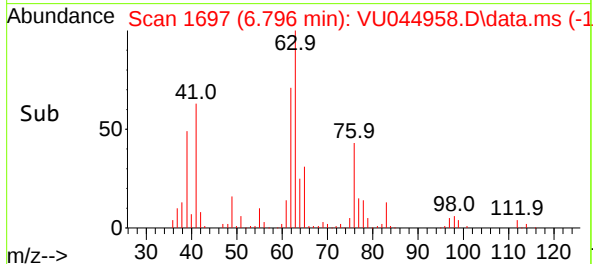
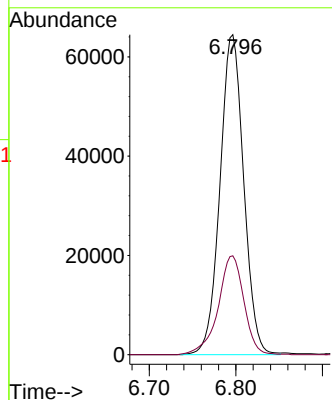
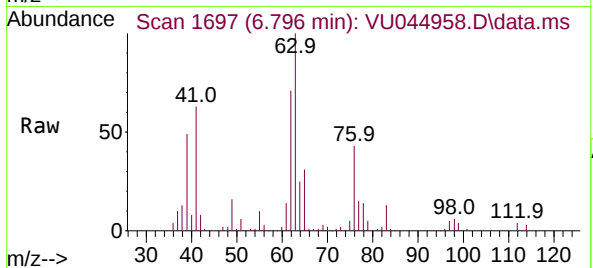
VSTDCCC050

Tgt Ion: 63 Resp: 122657

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 52.912 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

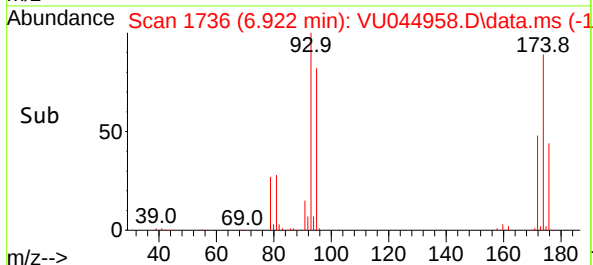
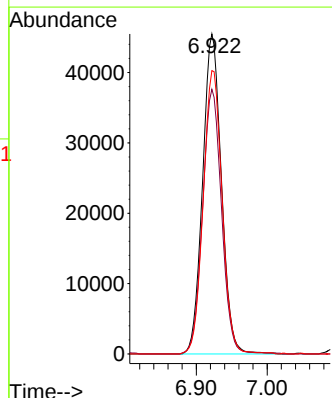
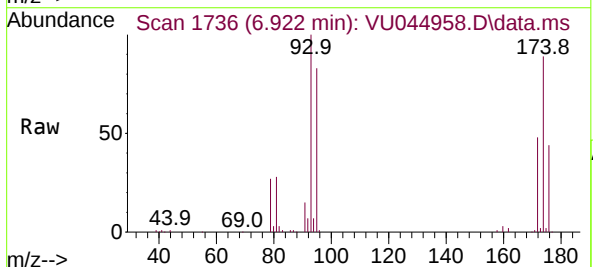
Tgt Ion: 93 Resp: 83782

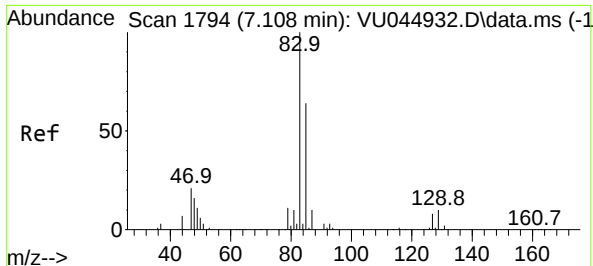
Ion Ratio Lower Upper

93 100

95 83.3 65.6 98.4

174 89.0 70.7 106.1





#47

Bromodichloromethane

Concen: 54.294 ug/l

RT: 7.112 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

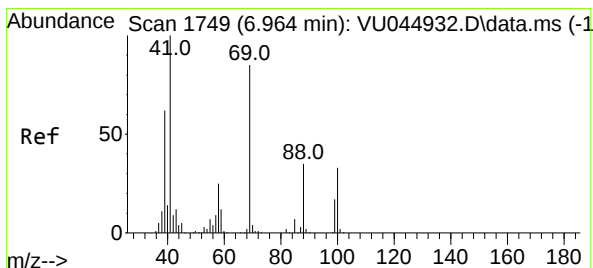
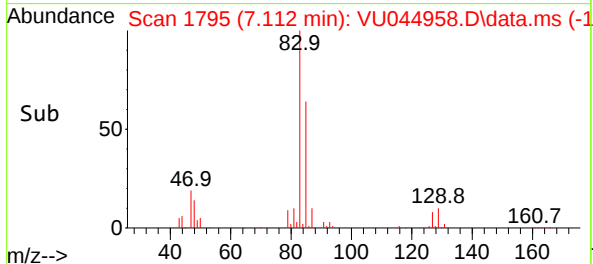
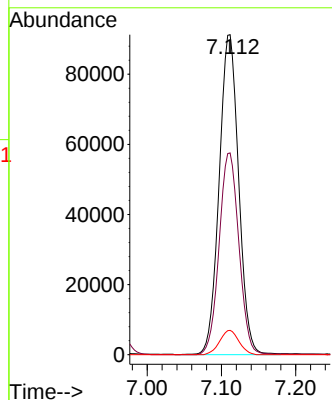
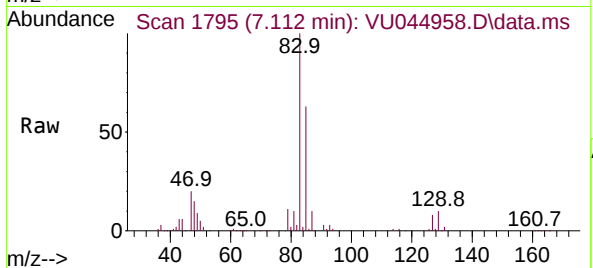
Tgt Ion: 83 Resp: 166922

Ion Ratio Lower Upper

83 100

85 63.0 51.6 77.4

127 7.6 6.2 9.4



#48

Methyl methacrylate

Concen: 50.017 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

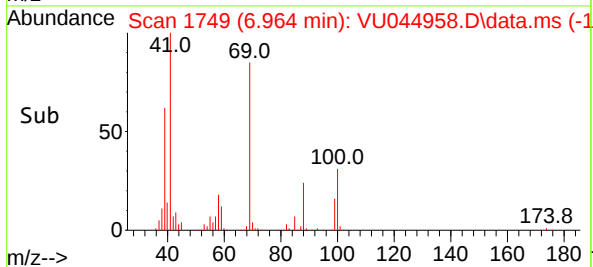
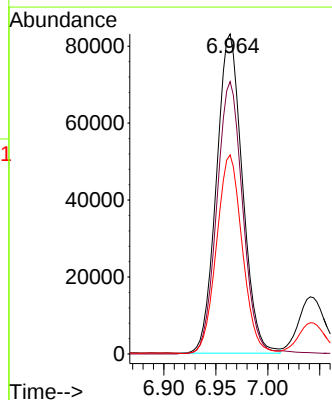
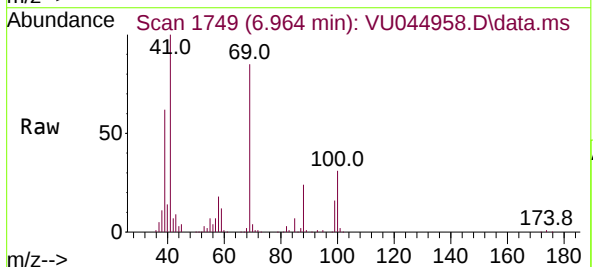
Tgt Ion: 41 Resp: 144254

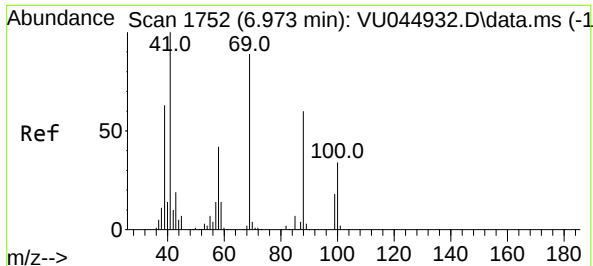
Ion Ratio Lower Upper

41 100

69 85.6 65.6 98.4

39 61.4 46.2 69.4





#49

1,4-Dioxane

Concen: 548.870 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.009 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDC050

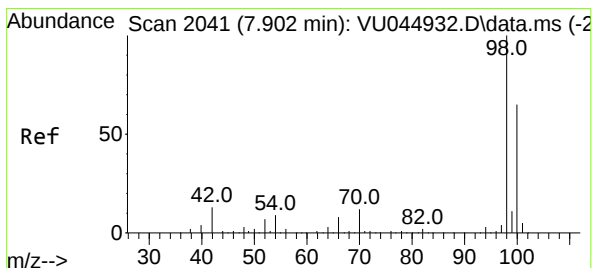
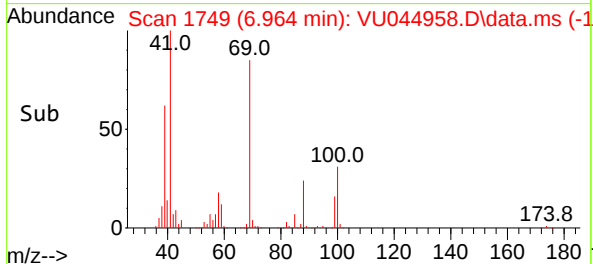
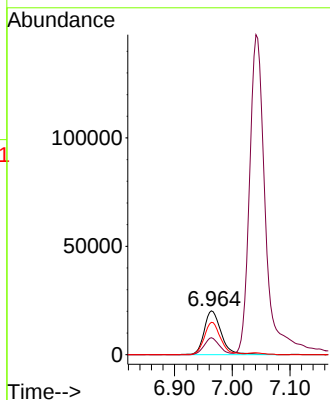
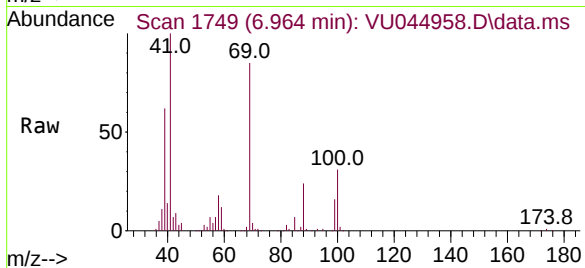
Tgt Ion: 88 Resp: 41635

Ion Ratio Lower Upper

88 100

43 34.6 25.8 38.6

58 70.3 61.3 91.9



#50

Toluene-d8

Concen: 49.517 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.001 min

Lab File: VU044958.D

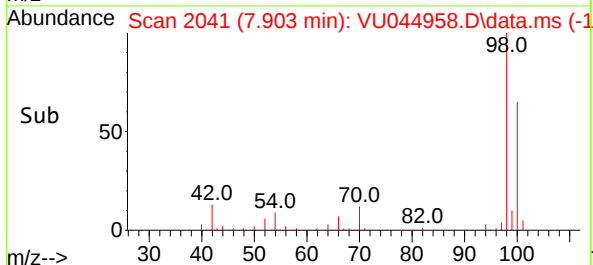
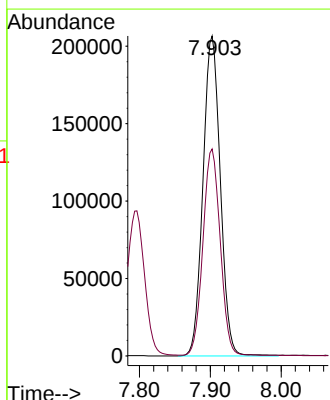
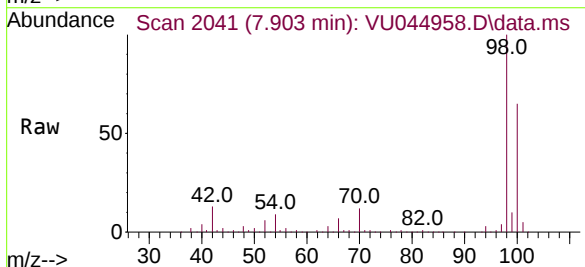
Acq: 28 Sep 2021 22:13

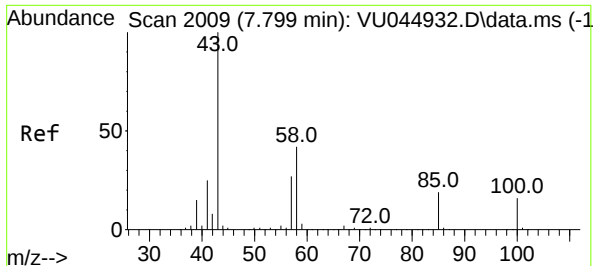
Tgt Ion: 98 Resp: 351316

Ion Ratio Lower Upper

98 100

100 64.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 230.752 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.006 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

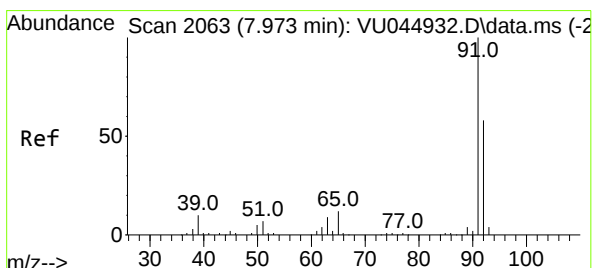
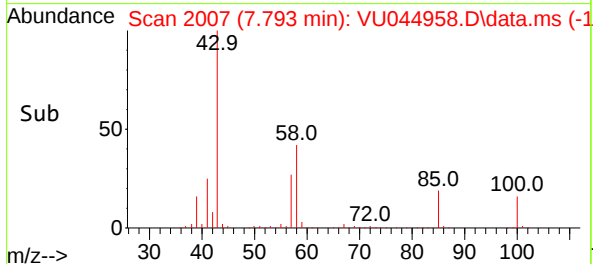
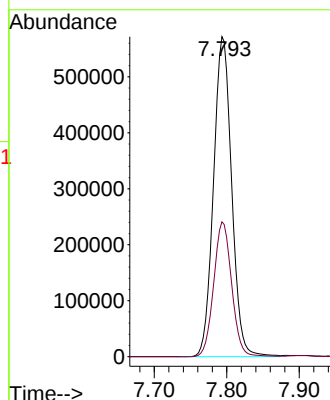
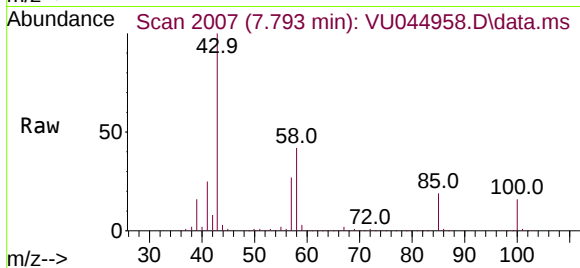
VSTDCCC050

Tgt Ion: 43 Resp: 995389

Ion Ratio Lower Upper

43 100

58 41.7 32.4 48.6



#52

Toluene

Concen: 52.931 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU044958.D

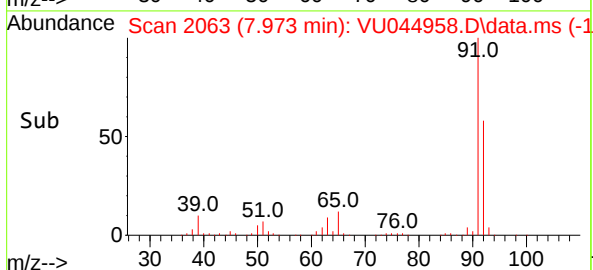
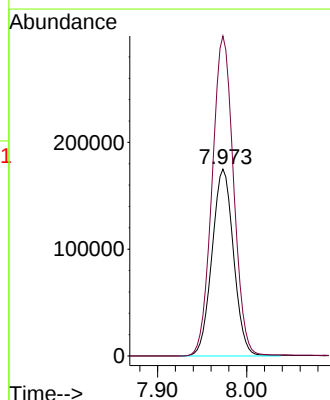
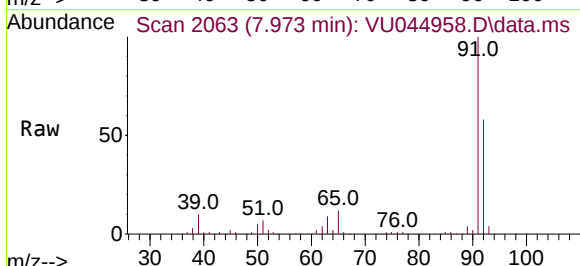
Acq: 28 Sep 2021 22:13

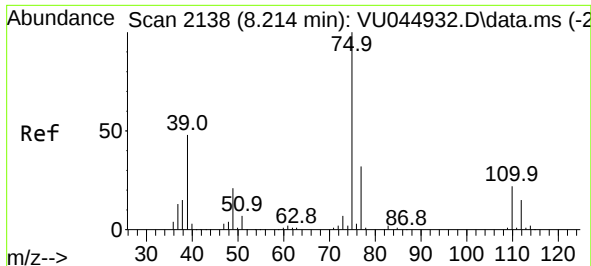
Tgt Ion: 92 Resp: 293699

Ion Ratio Lower Upper

92 100

91 170.5 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 52.092 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

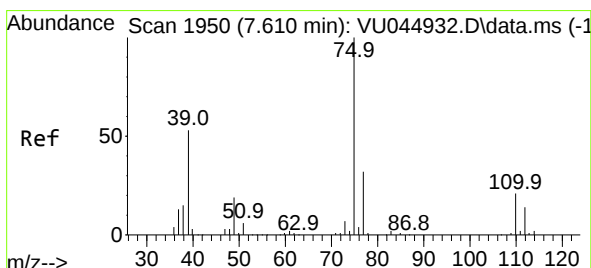
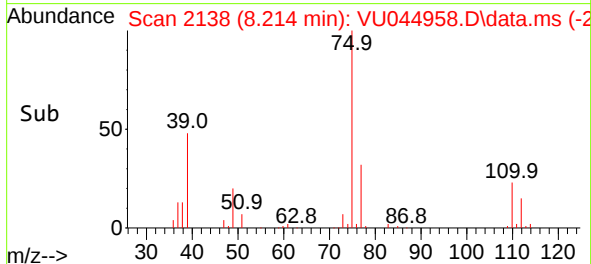
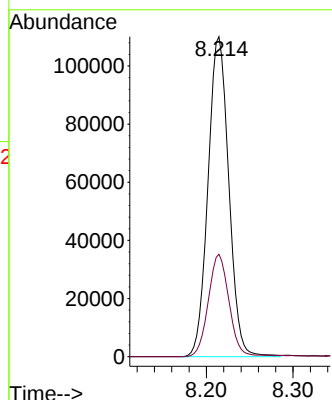
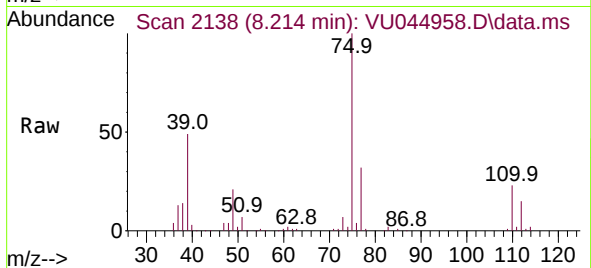
VSTDCCC050

Tgt Ion: 75 Resp: 183141

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 53.520 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

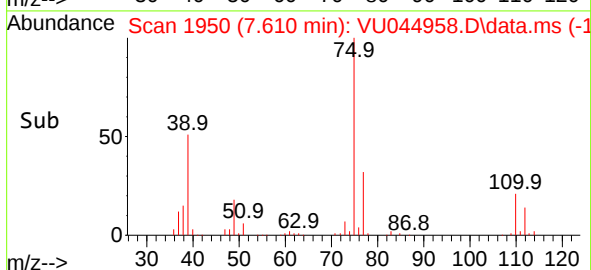
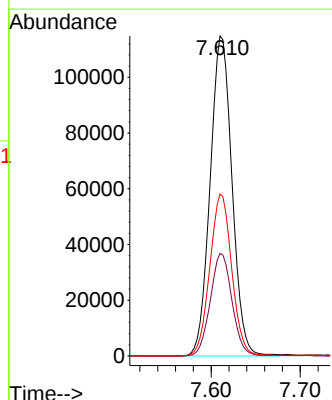
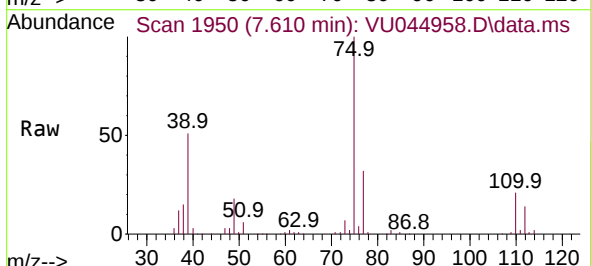
Tgt Ion: 75 Resp: 195995

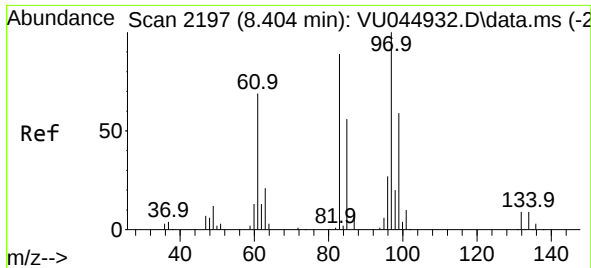
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 50.6 41.4 62.2

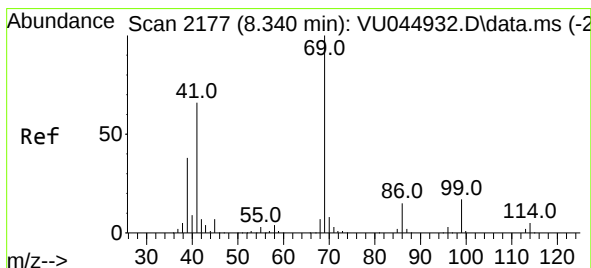
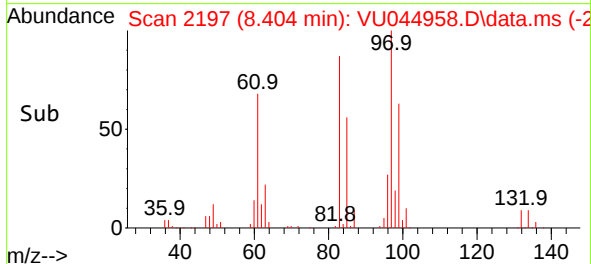
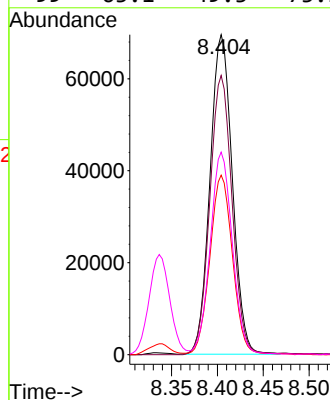
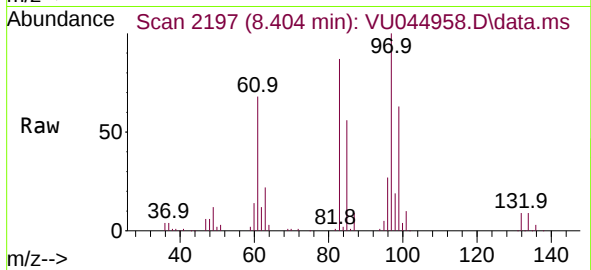




#55
 1,1,2-Trichloroethane
 Concen: 51.005 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

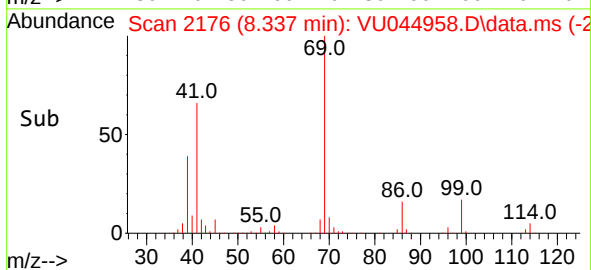
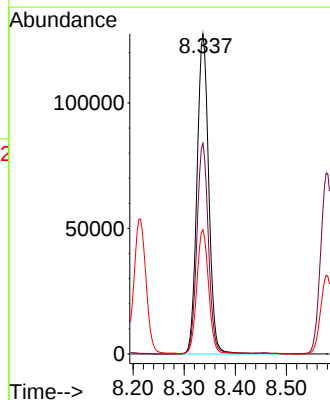
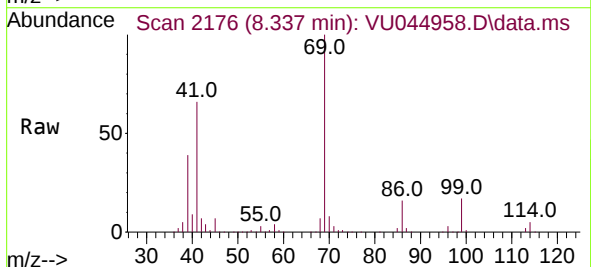
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

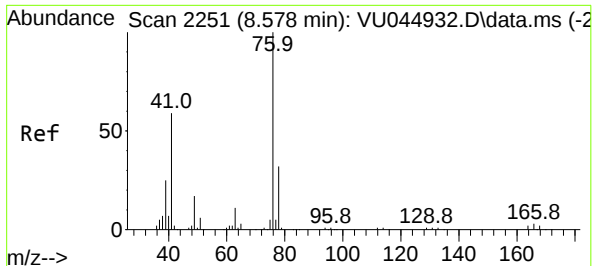
Tgt Ion:	97	Resp:	117921
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.7	104.5
85	55.9	44.8	67.2
99	63.1	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 45.397 ug/l
 RT: 8.337 min Scan# 2176
 Delta R.T. -0.003 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion:	69	Resp:	203012
Ion	Ratio	Lower	Upper
69	100		
41	65.1	53.5	80.3
39	38.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.060 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

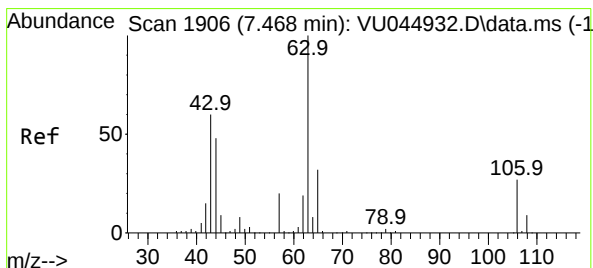
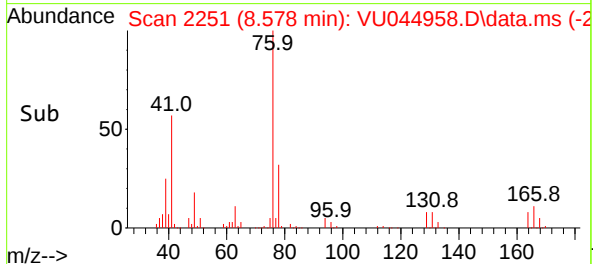
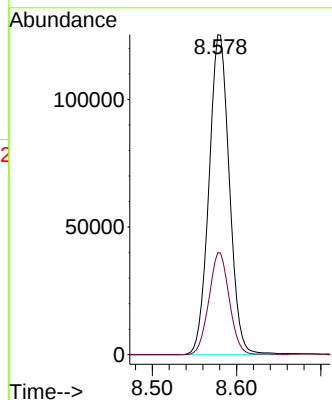
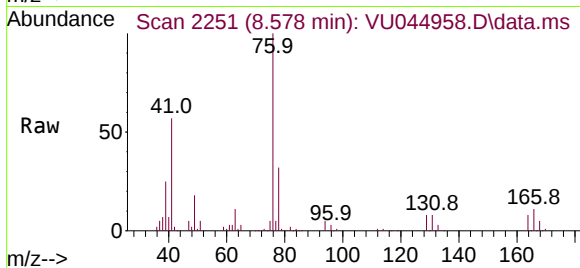
VSTDCCC050

Tgt Ion: 76 Resp: 210678

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 207.553 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VU044958.D

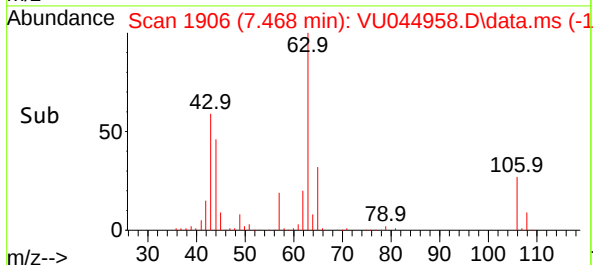
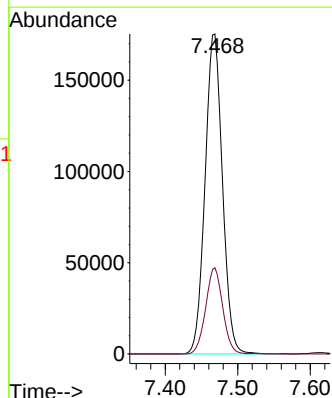
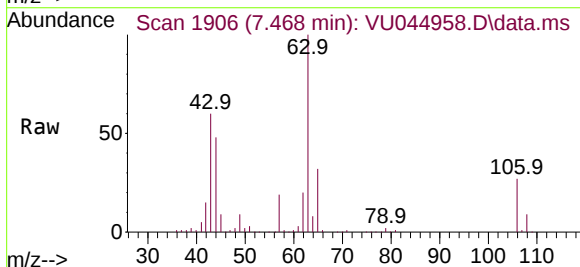
Acq: 28 Sep 2021 22:13

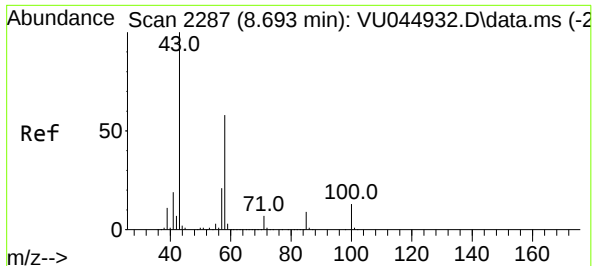
Tgt Ion: 63 Resp: 291967

Ion Ratio Lower Upper

63 100

106 26.4 20.5 30.7





#59

2-Hexanone

Concen: 221.440 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

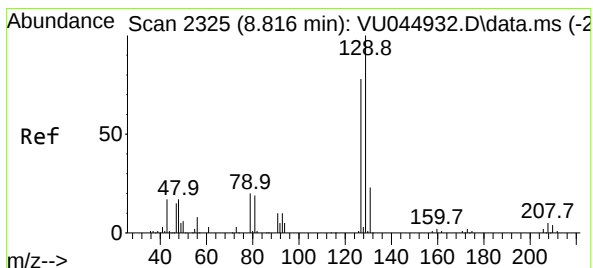
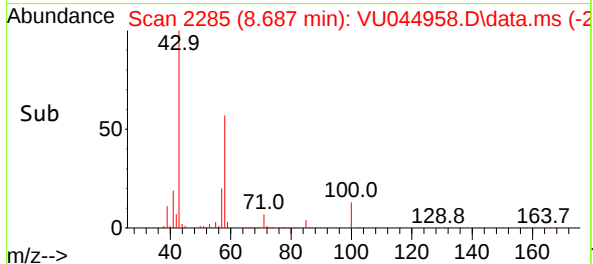
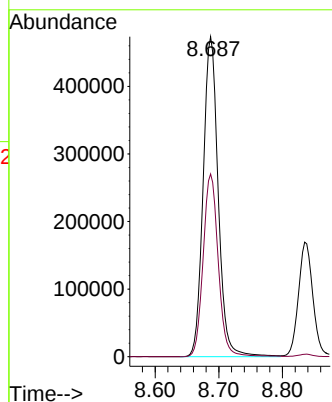
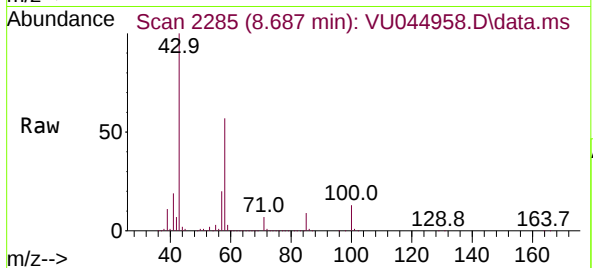
VSTDCCC050

Tgt Ion: 43 Resp: 777866

Ion Ratio Lower Upper

43 100

58 57.4 28.0 84.0



#60

Dibromochloromethane

Concen: 47.904 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.004 min

Lab File: VU044958.D

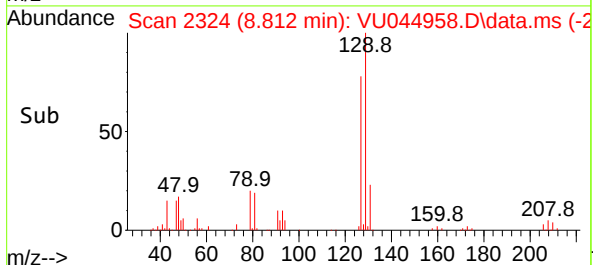
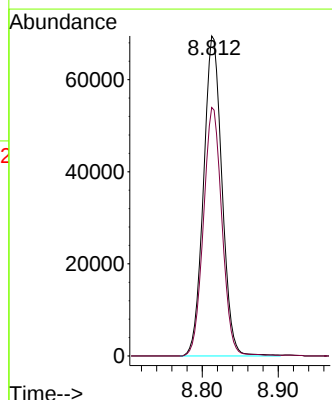
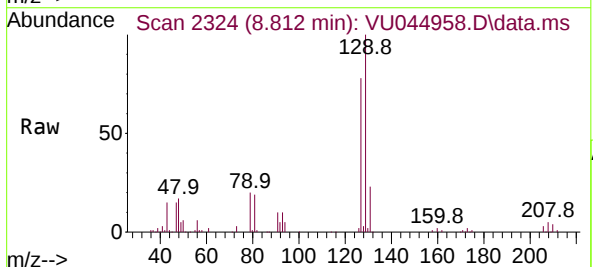
Acq: 28 Sep 2021 22:13

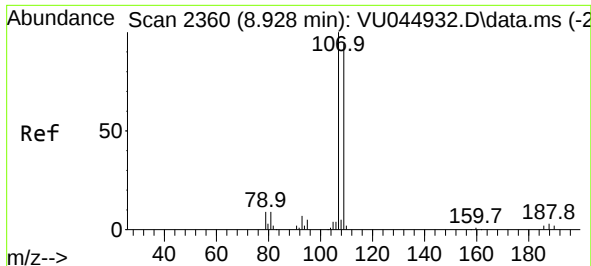
Tgt Ion:129 Resp: 117197

Ion Ratio Lower Upper

129 100

127 77.9 39.0 117.0

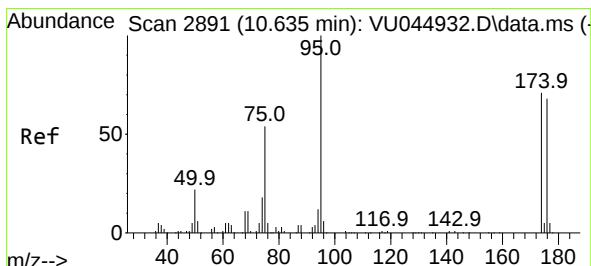
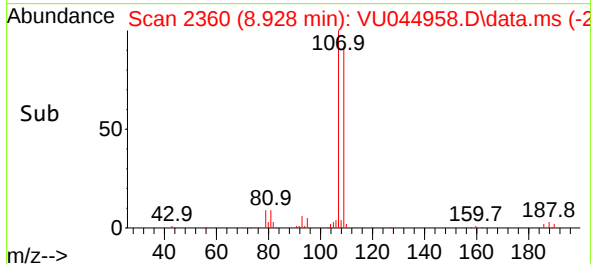
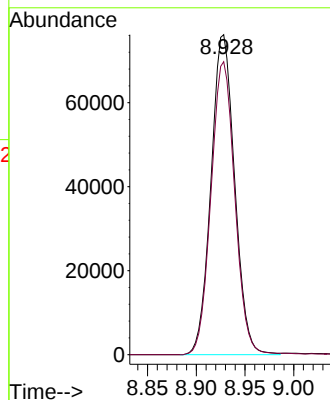
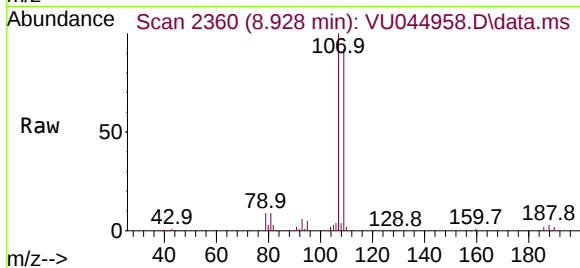




#61
1,2-Dibromoethane
Concen: 52.291 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

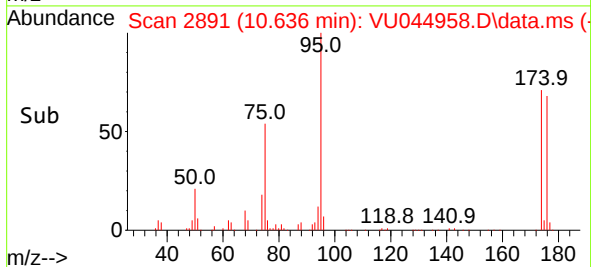
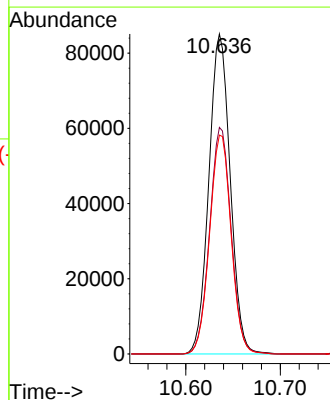
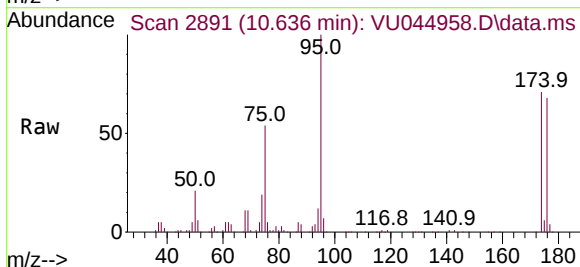
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

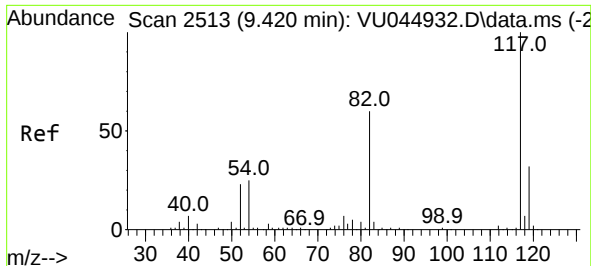
Tgt Ion:107 Resp: 128507
Ion Ratio Lower Upper
107 100
109 92.3 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 45.613 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 95 Resp: 133605
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.6
176 68.9 0.0 141.2

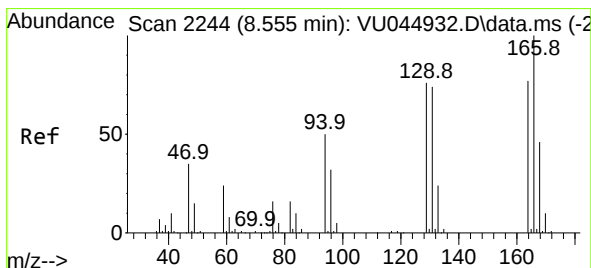
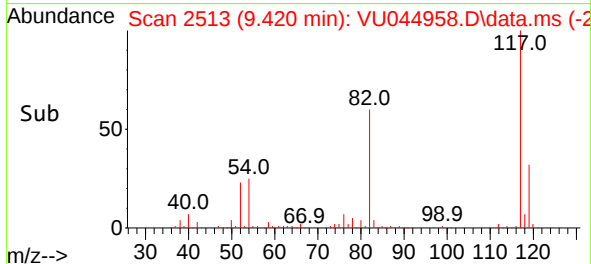
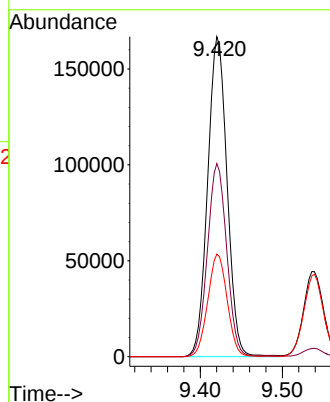
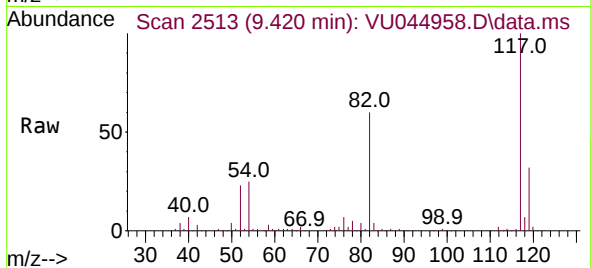




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

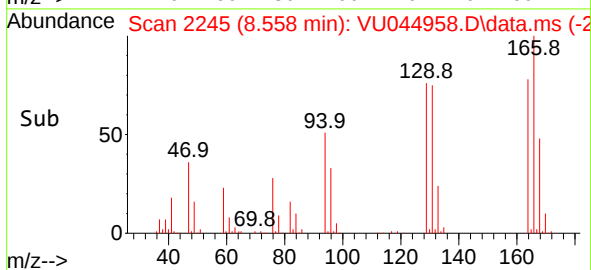
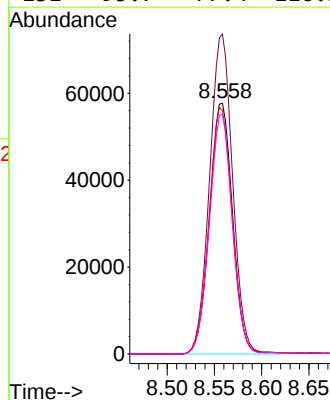
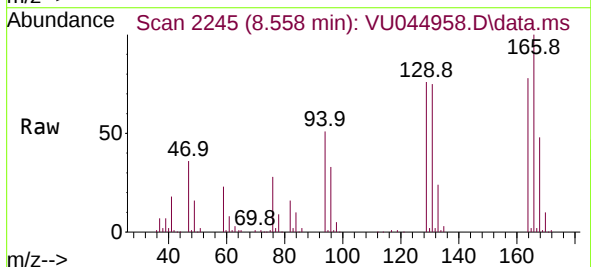
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

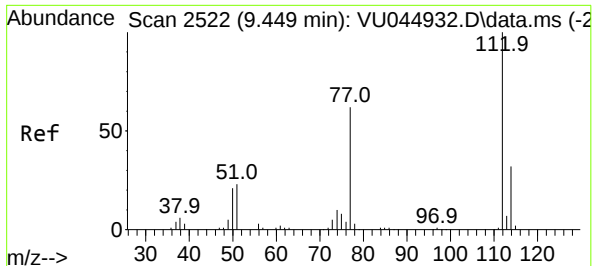
Tgt Ion:117 Resp: 274190
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 54.793 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion:164 Resp: 98056
Ion Ratio Lower Upper
164 100
166 127.6 102.8 154.2
129 97.1 79.4 119.2
131 95.7 77.4 116.2

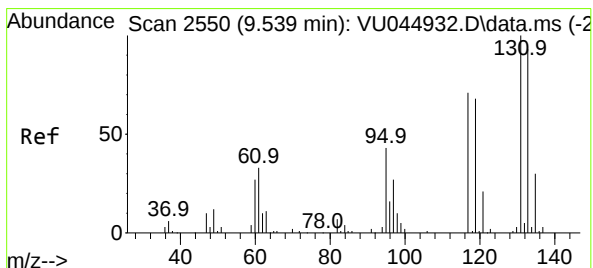
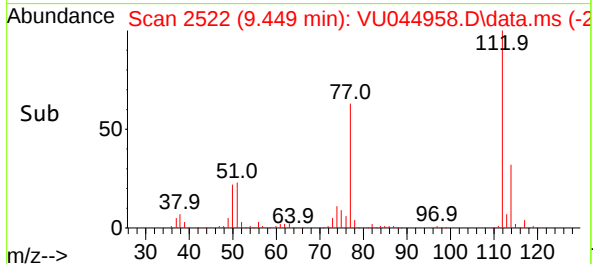
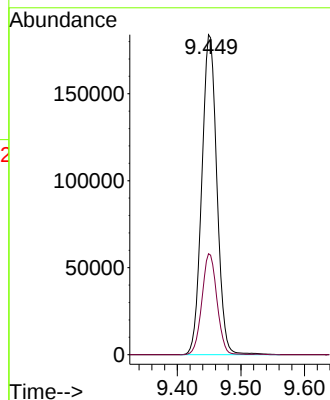
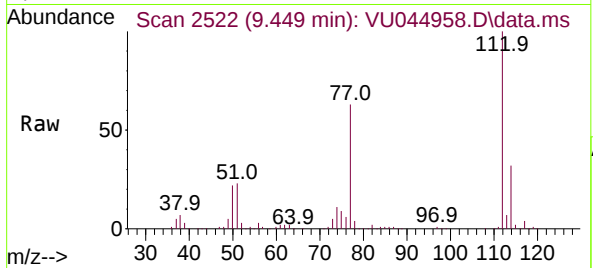




#65
Chlorobenzene
Concen: 52.628 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

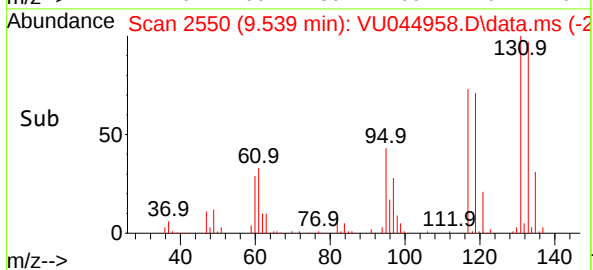
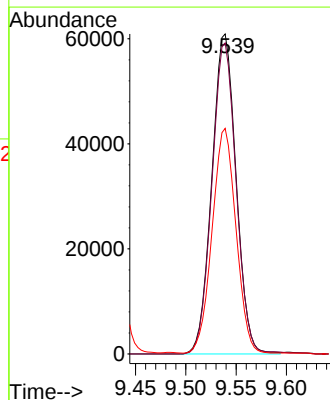
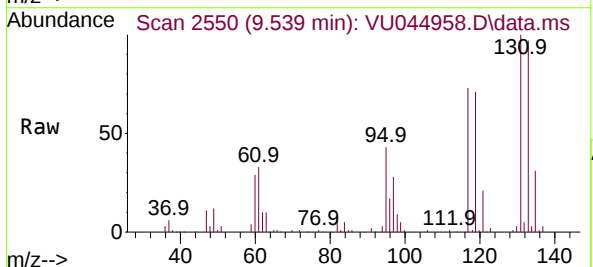
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

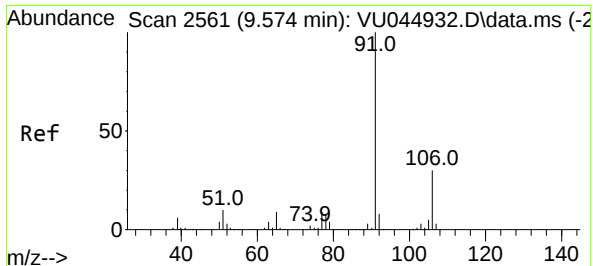
Tgt Ion:112 Resp: 302537
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.983 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion:131 Resp: 102322
Ion Ratio Lower Upper
131 100
133 97.0 48.1 144.3
119 68.9 34.1 102.3





#67

Ethyl Benzene

Concen: 53.472 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

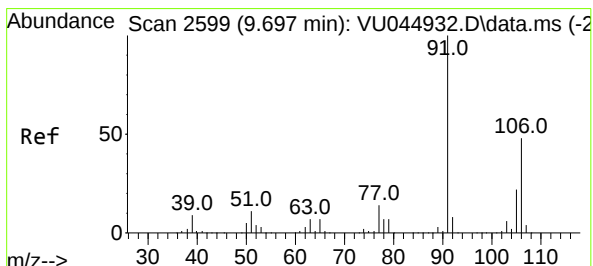
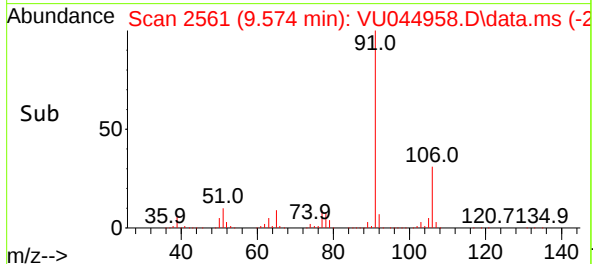
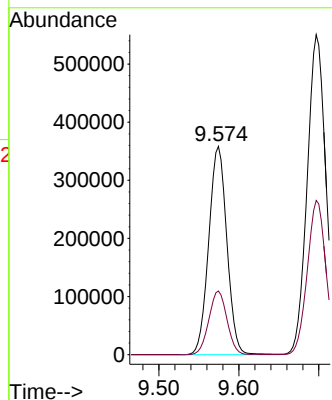
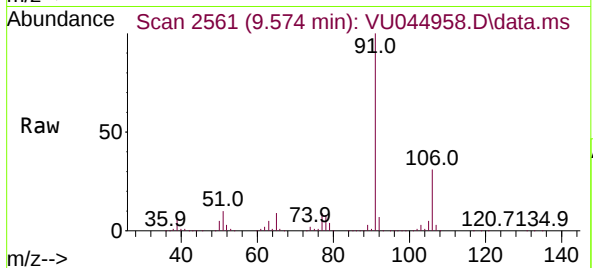
VSTDCCC050

Tgt Ion: 91 Resp: 565643

Ion Ratio Lower Upper

91 100

106 30.6 24.3 36.5



#68

m/p-Xylenes

Concen: 105.707 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU044958.D

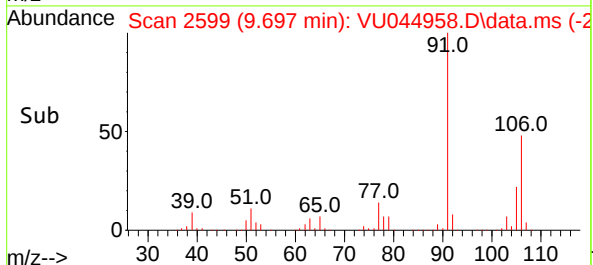
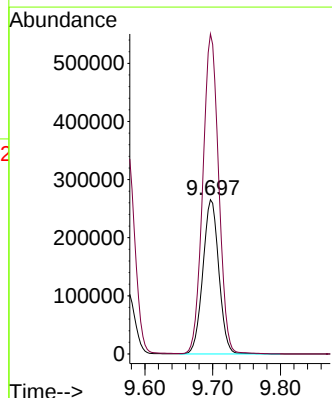
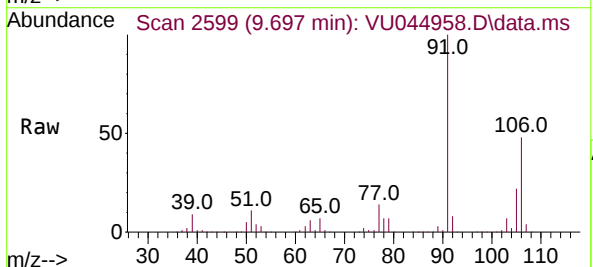
Acq: 28 Sep 2021 22:13

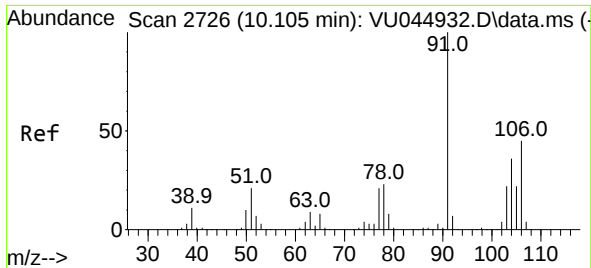
Tgt Ion: 106 Resp: 434422

Ion Ratio Lower Upper

106 100

91 207.3 164.2 246.2

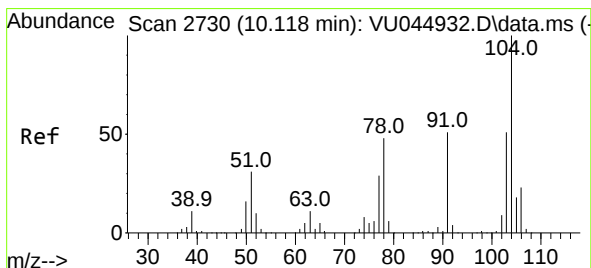
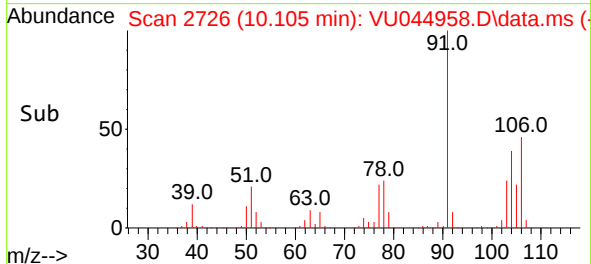
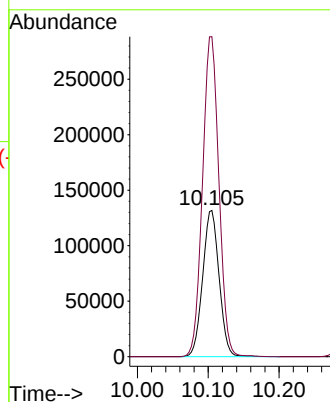
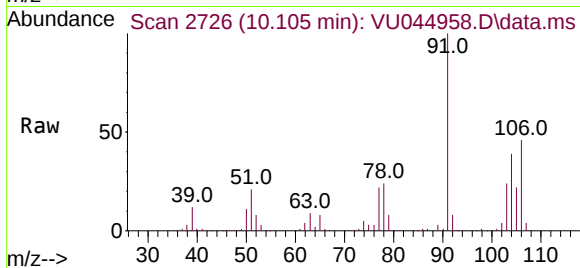




#69
o-Xylene
Concen: 51.946 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

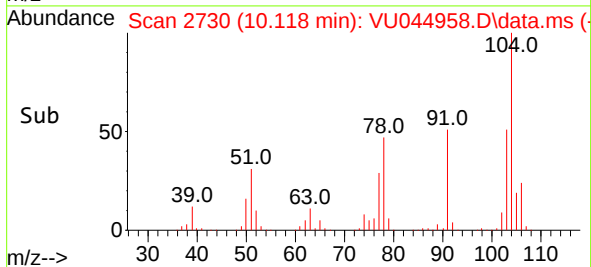
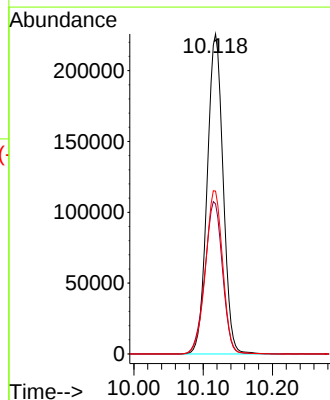
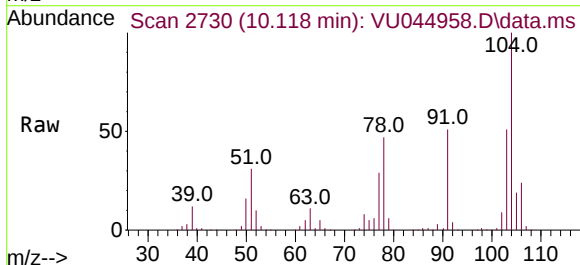
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

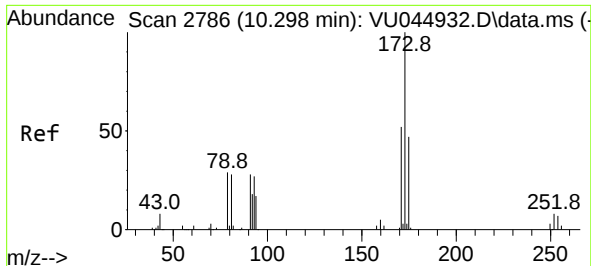
Tgt Ion:106 Resp: 211875
Ion Ratio Lower Upper
106 100
91 218.9 108.9 326.7



#70
Styrene
Concen: 52.484 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion:104 Resp: 359130
Ion Ratio Lower Upper
104 100
78 52.8 41.4 62.0
103 55.2 43.5 65.3

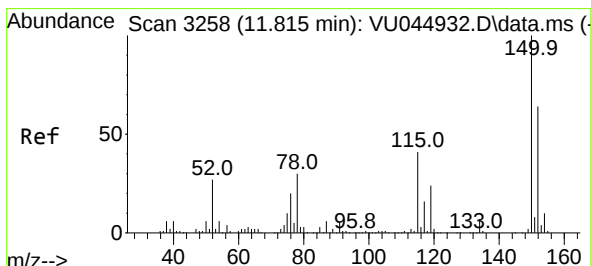
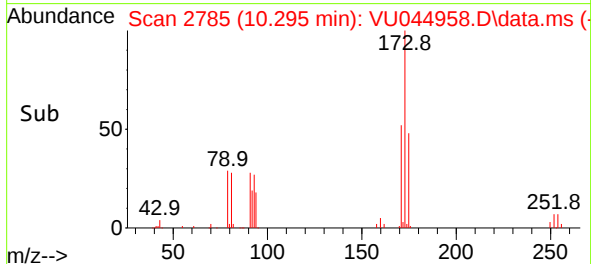
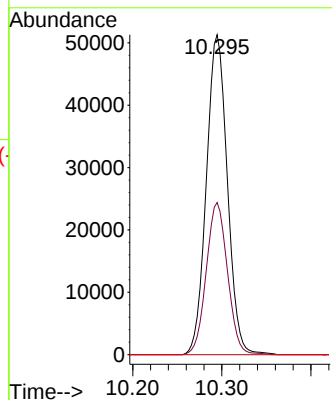
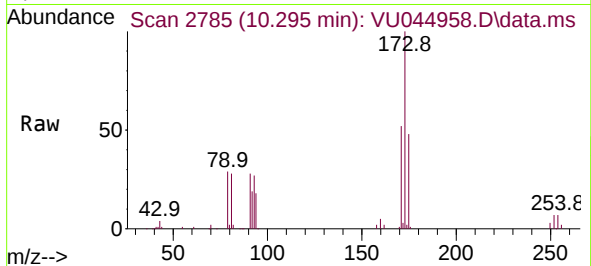




#71
Bromoform
Concen: 43.752 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

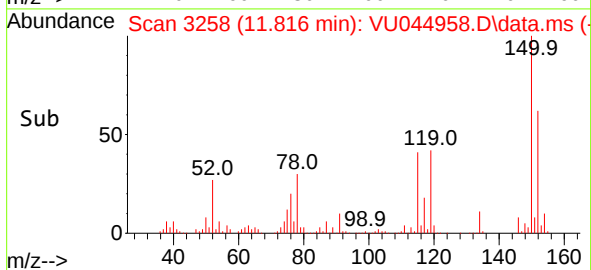
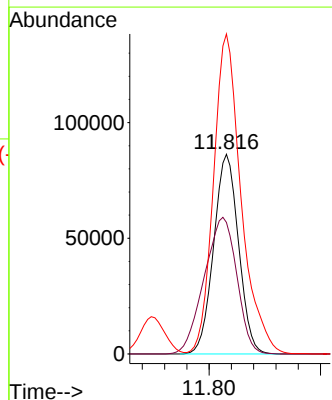
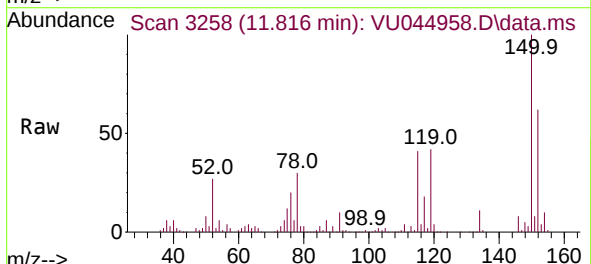
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

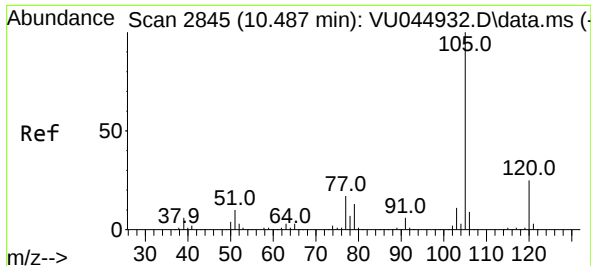
Tgt Ion:173 Resp: 83909
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion:152 Resp: 133728
Ion Ratio Lower Upper
152 100
115 89.7 43.5 130.7
150 178.2 0.0 350.0

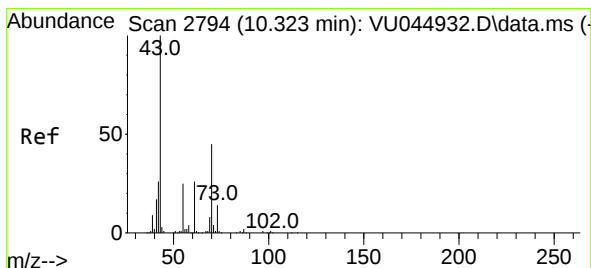
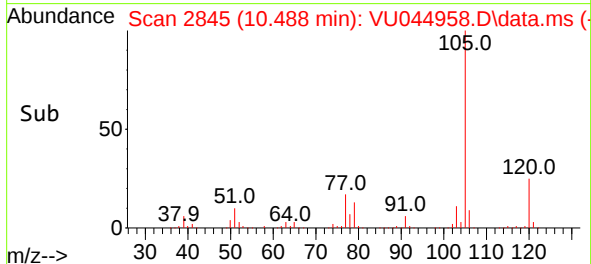
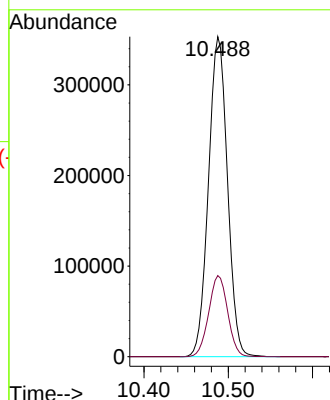
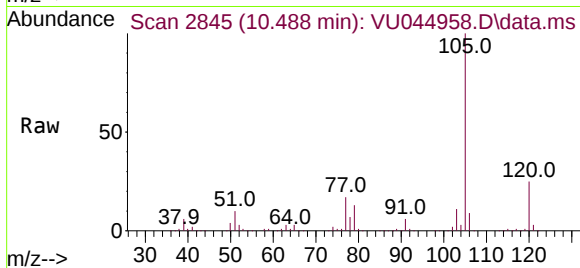




#73
Isopropylbenzene
Concen: 55.563 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

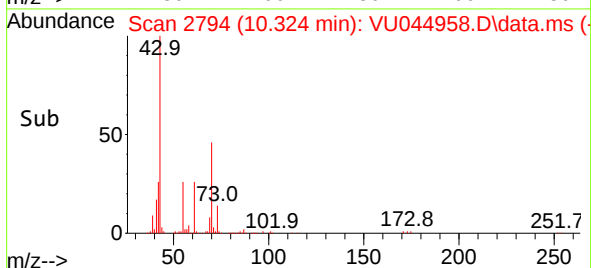
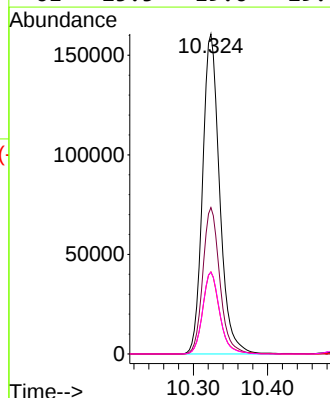
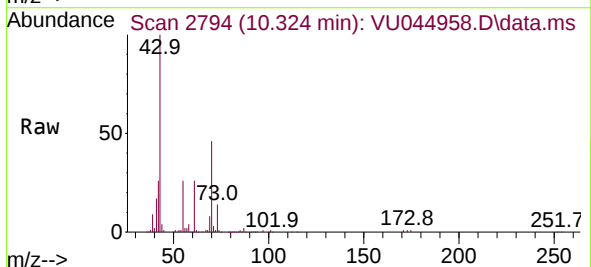
Instrument :
MSVOA_U
ClientSampleId :
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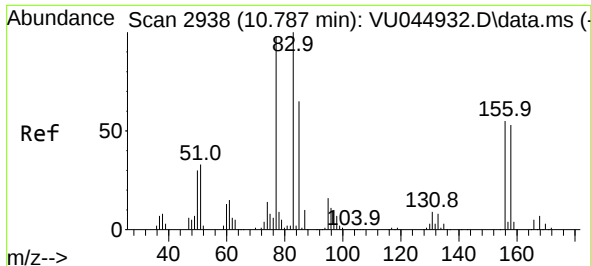
Tgt Ion:105 Resp: 553329
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3



#74
N-ethyl acetate
Concen: 51.184 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 43 Resp: 256653
Ion Ratio Lower Upper
43 100
70 45.6 35.1 52.7
55 25.5 20.5 30.7
61 25.5 19.6 29.4

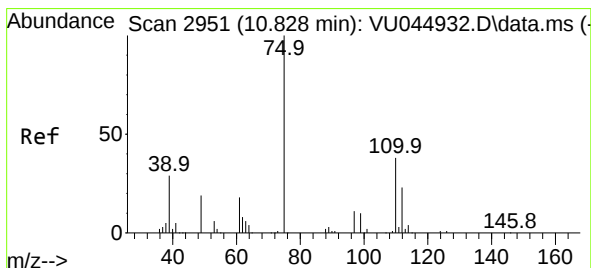
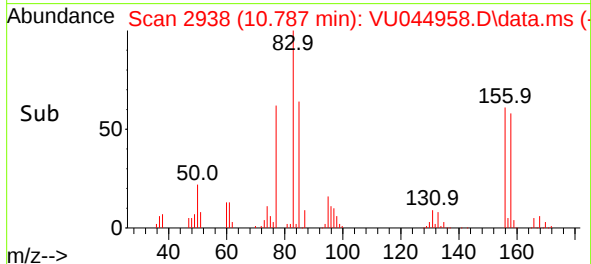
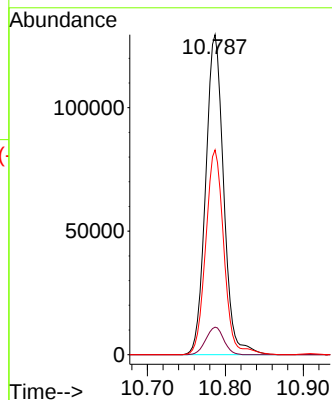
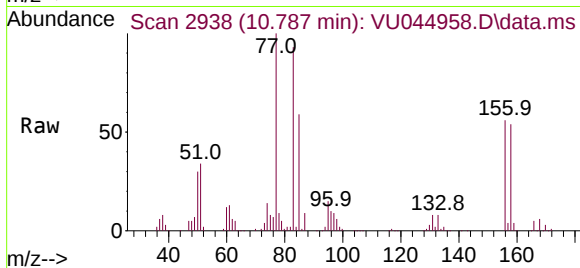




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.134 ug/l
 RT: 10.787 min Scan# 2938
 Delta R.T. -0.000 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

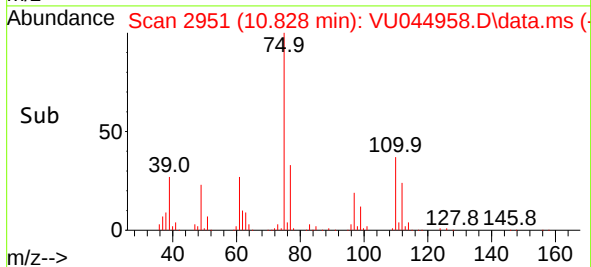
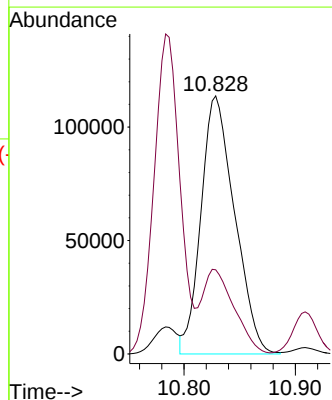
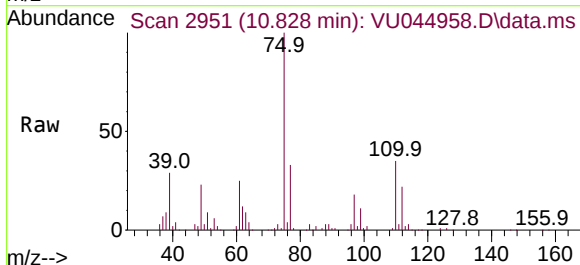
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

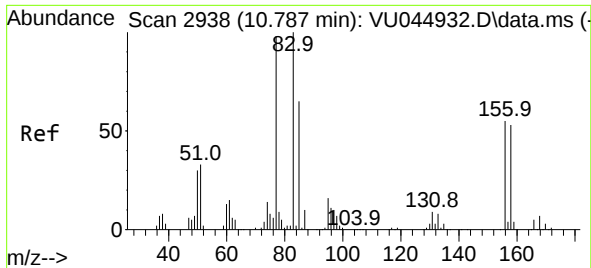
Tgt Ion: 83 Resp: 207404
 Ion Ratio Lower Upper
 83 100
 131 8.6 4.3 13.1
 85 64.6 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 61.174 ug/l
 RT: 10.828 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion: 75 Resp: 238615
 Ion Ratio Lower Upper
 75 100
 77 29.9 17.9 53.7

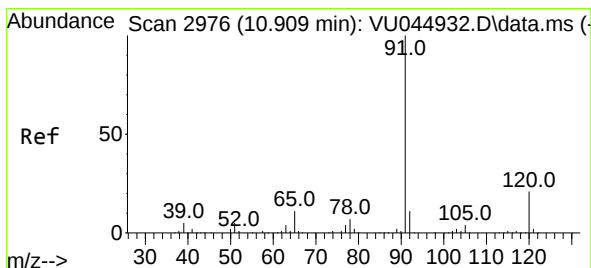
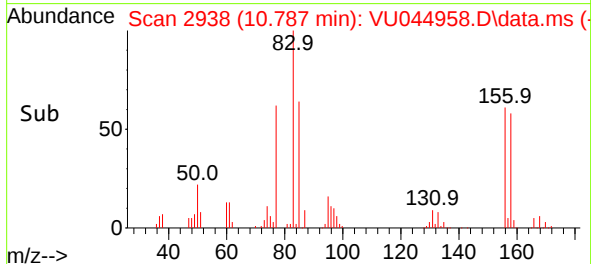
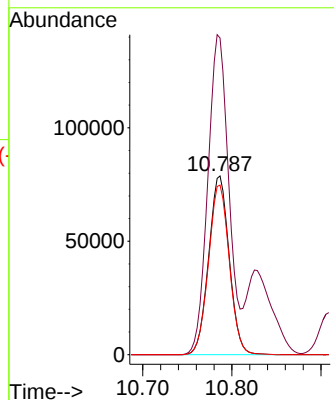
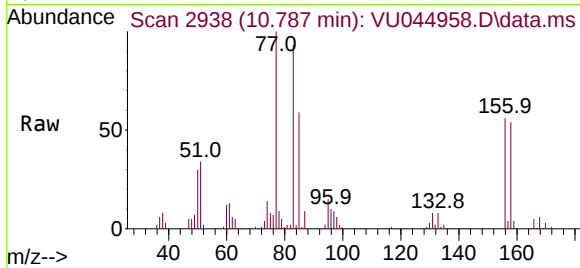




#77
Bromobenzene
Concen: 52.512 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

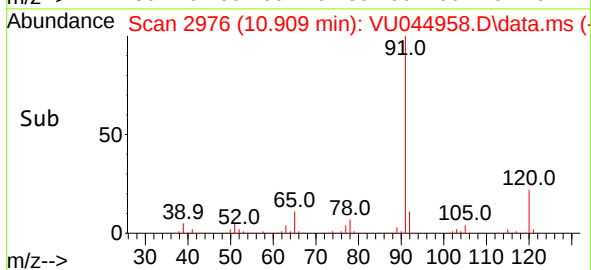
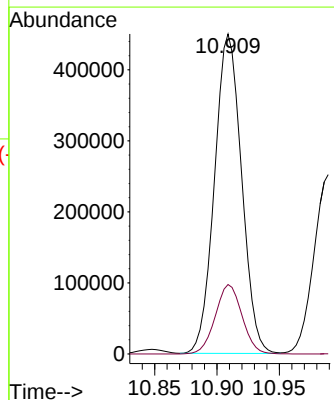
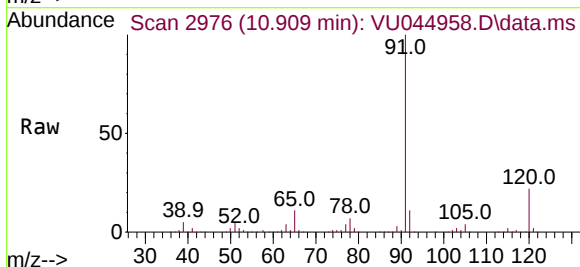
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

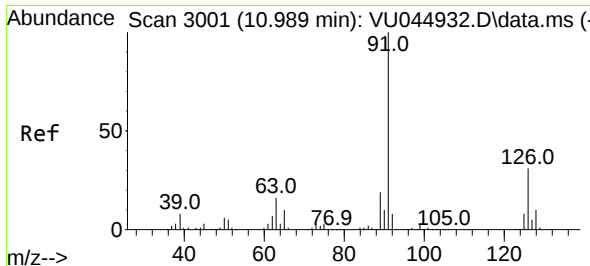
Tgt Ion:156 Resp: 126276
Ion Ratio Lower Upper
156 100
77 180.5 91.1 273.4
158 96.1 48.2 144.6



#78
n-propylbenzene
Concen: 55.964 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 91 Resp: 679168
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4

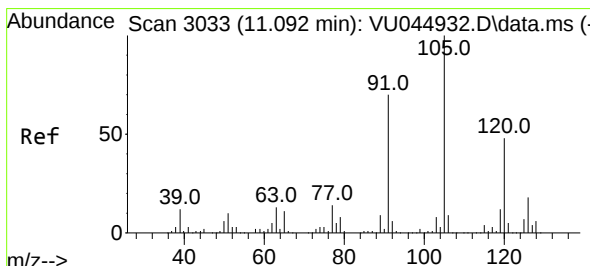
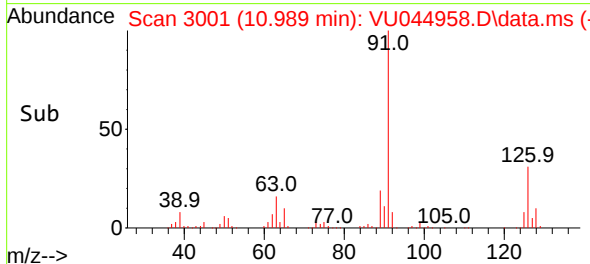
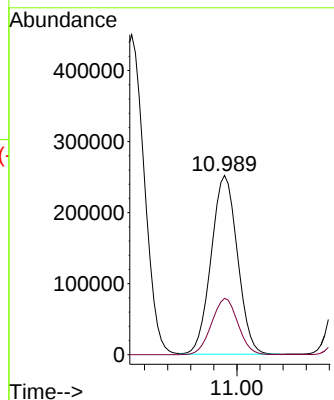
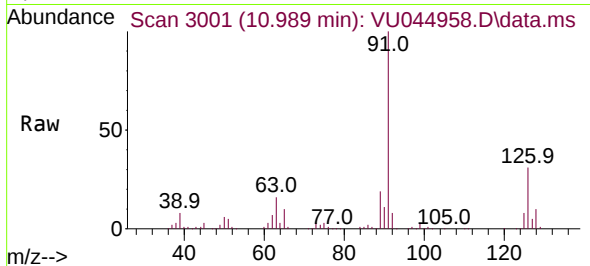




#79
2-Chlorotoluene
Concen: 52.260 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

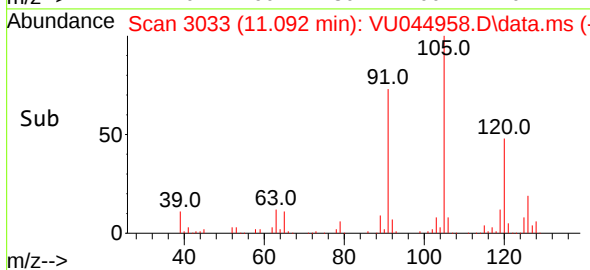
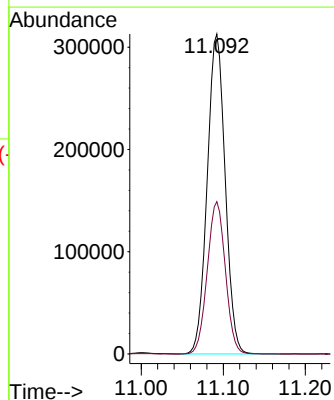
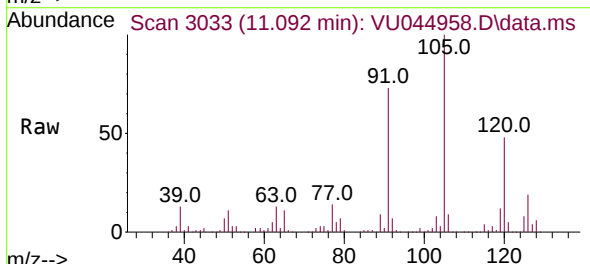
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

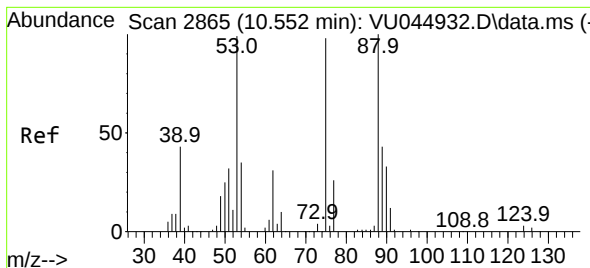
Tgt Ion: 91 Resp: 397540
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 54.534 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 105 Resp: 475760
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2

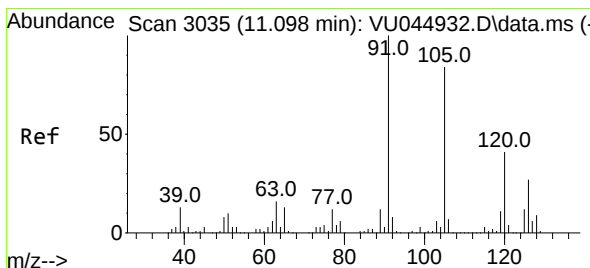
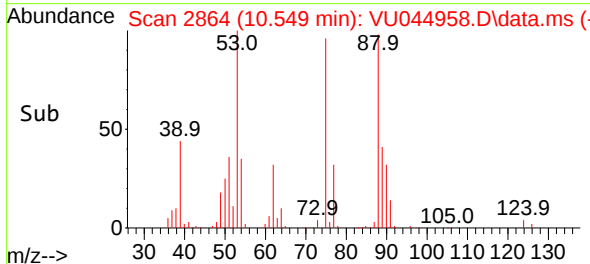
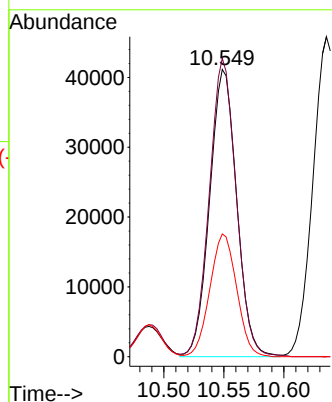
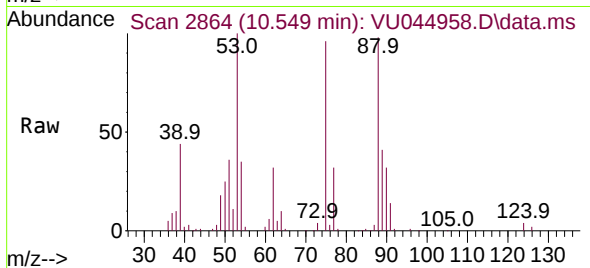




#81
trans-1,4-Dichloro-2-butene
Concen: 45.950 ug/l
RT: 10.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

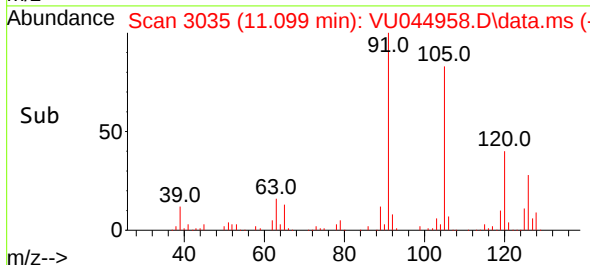
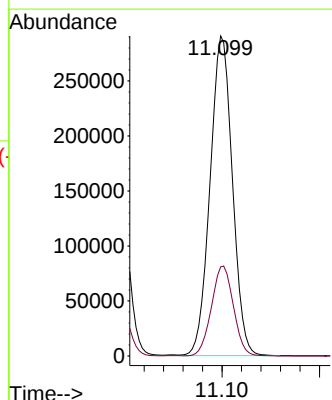
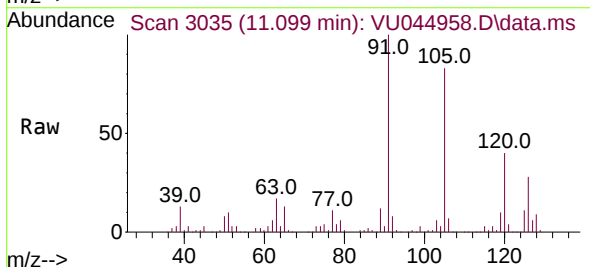
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

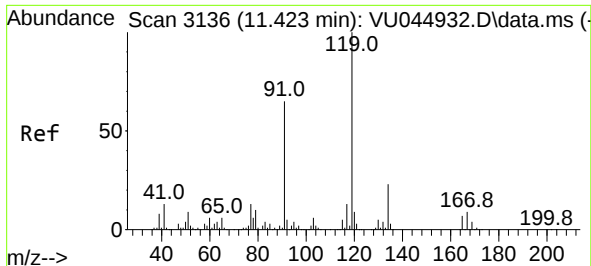
Tgt Ion: 75 Resp: 64584
Ion Ratio Lower Upper
75 100
53 102.9 82.0 123.0
89 42.3 34.2 51.4



#82
4-Chlorotoluene
Concen: 53.788 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion: 91 Resp: 462489
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4

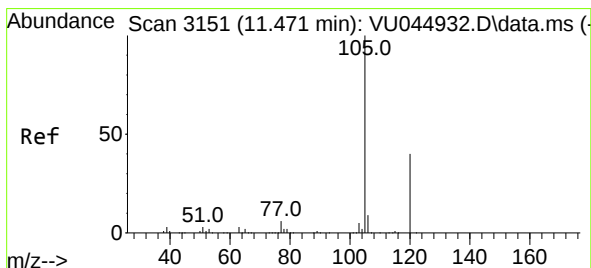
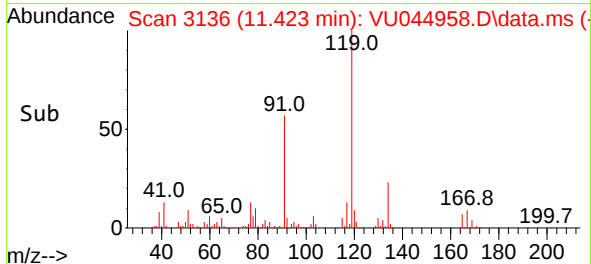
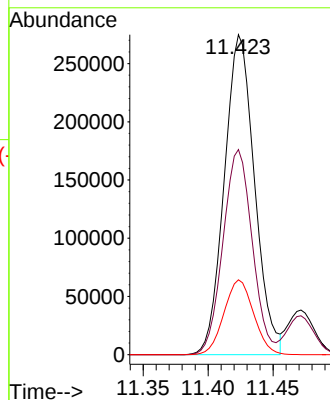
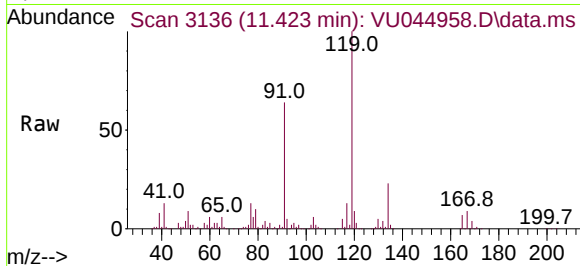




#83
 tert-Butylbenzene
 Concen: 52.527 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

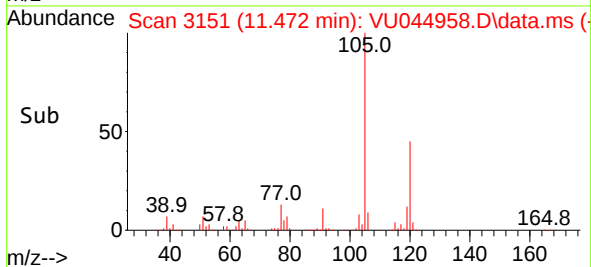
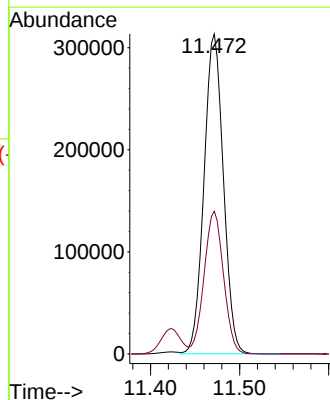
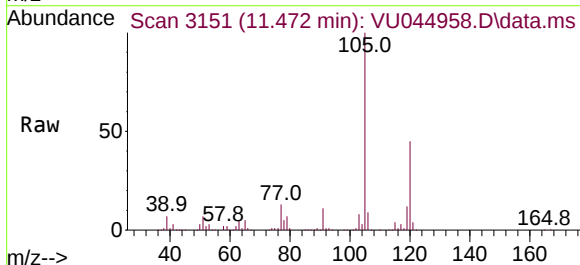
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

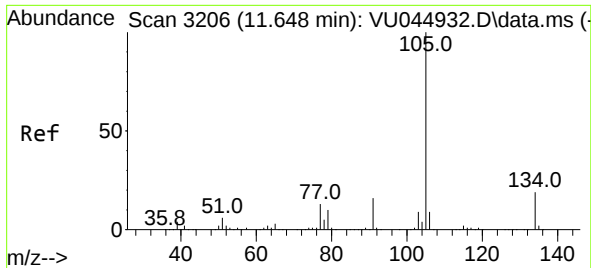
Tgt Ion:119 Resp: 445724
 Ion Ratio Lower Upper
 119 100
 91 62.1 30.4 91.2
 134 22.9 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.821 ug/l
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.001 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion:105 Resp: 473160
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3

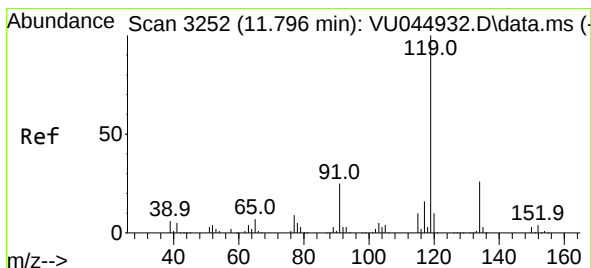
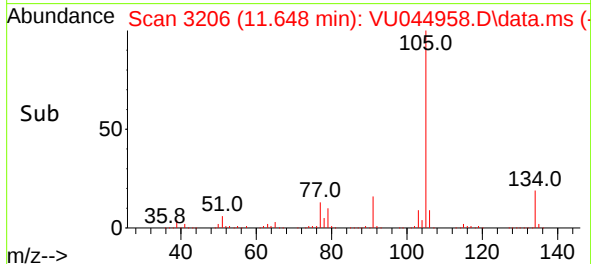
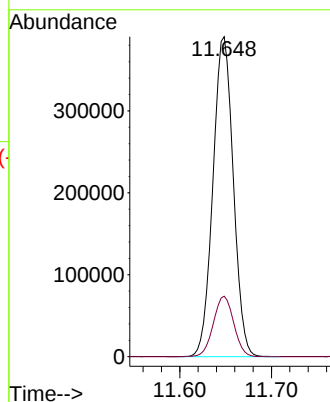
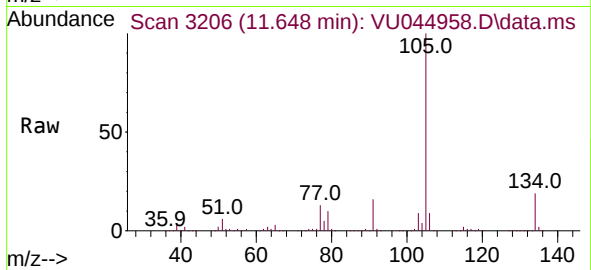




#85
 sec-Butylbenzene
 Concen: 55.114 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

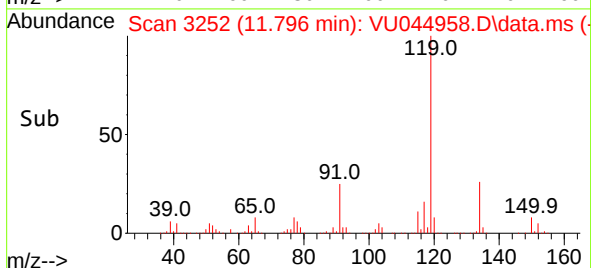
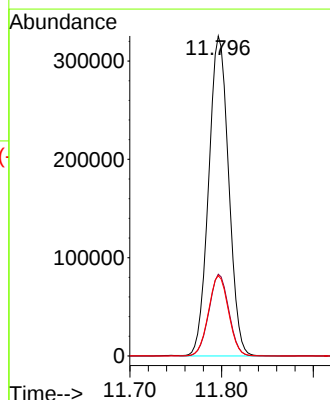
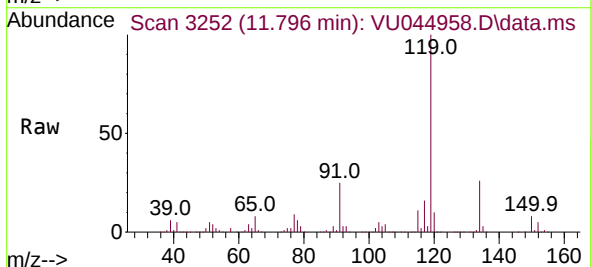
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

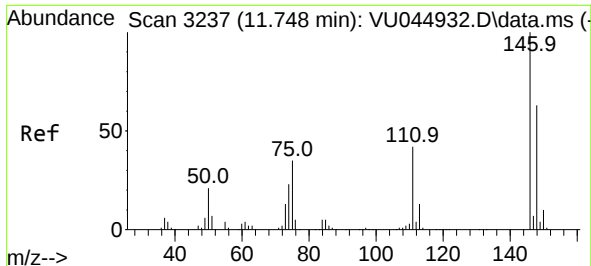
Tgt Ion:105 Resp: 602277
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 56.101 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion:119 Resp: 493144
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 52.651 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

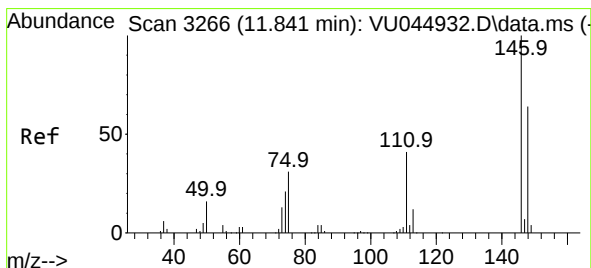
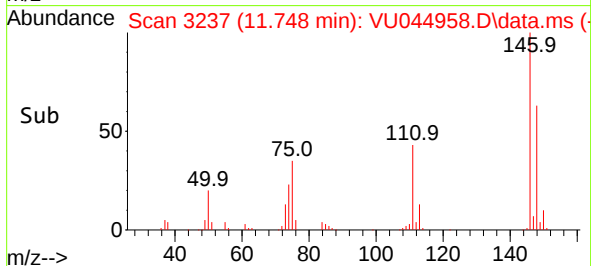
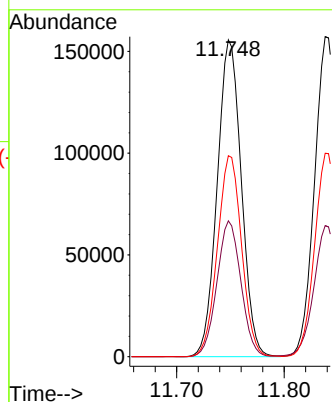
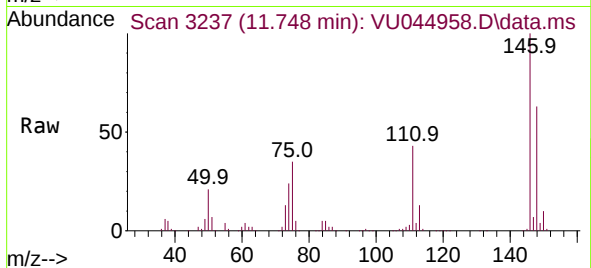
Tgt Ion:146 Resp: 242463

Ion Ratio Lower Upper

146 100

111 42.6 21.2 63.6

148 63.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 52.133 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

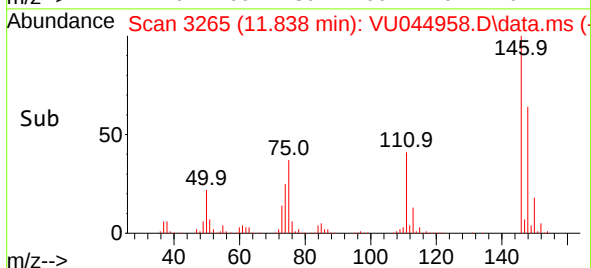
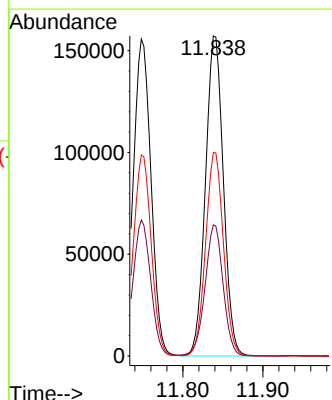
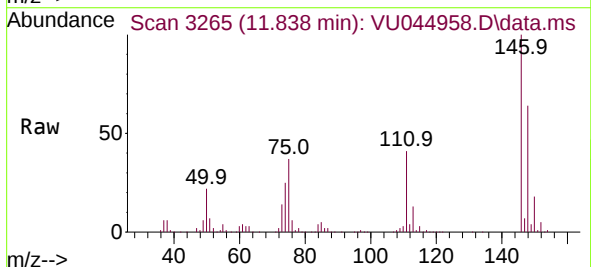
Tgt Ion:146 Resp: 245592

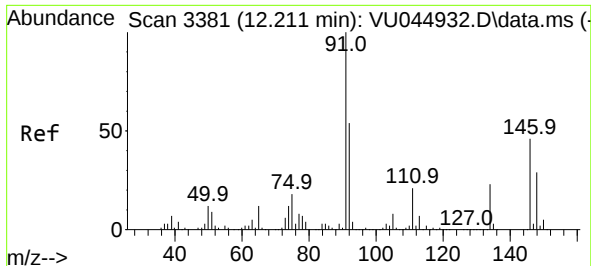
Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 57.237 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU044958.D

Acq: 28 Sep 2021 22:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

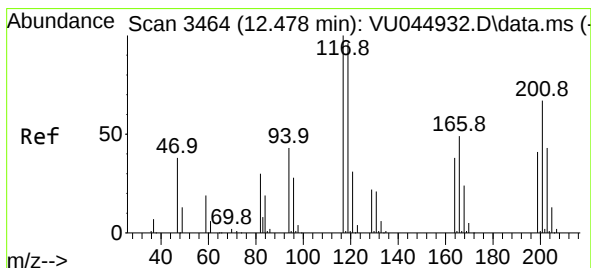
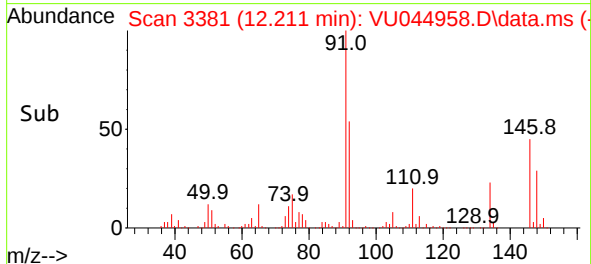
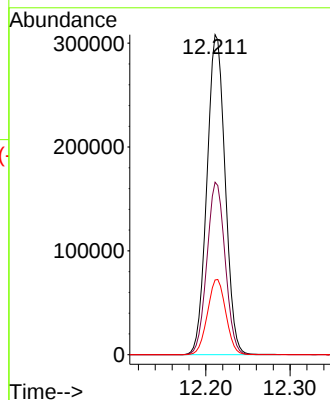
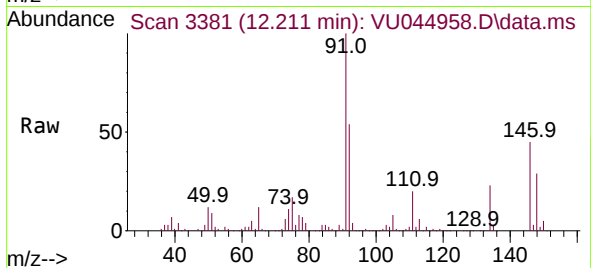
Tgt Ion: 91 Resp: 463410

Ion Ratio Lower Upper

91 100

92 54.1 26.8 80.4

134 23.7 11.8 35.4



#90

Hexachloroethane

Concen: 51.795 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. -0.000 min

Lab File: VU044958.D

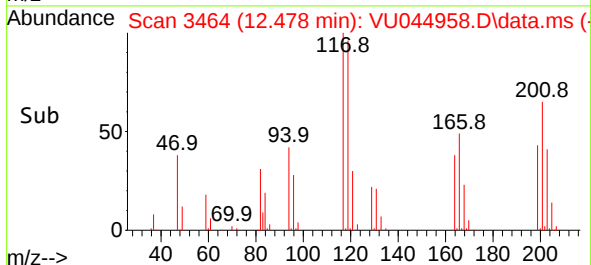
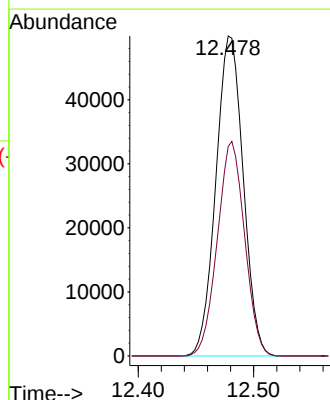
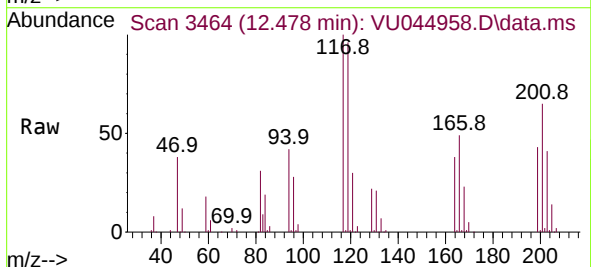
Acq: 28 Sep 2021 22:13

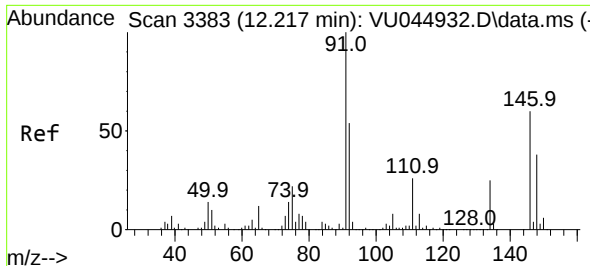
Tgt Ion: 117 Resp: 82216

Ion Ratio Lower Upper

117 100

201 66.7 34.8 104.3

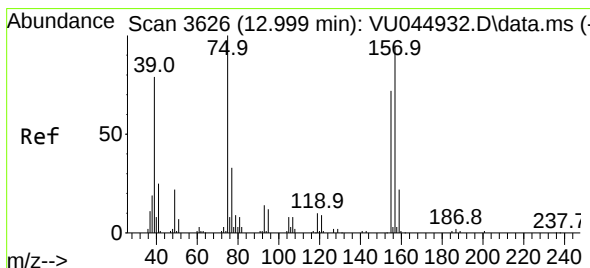
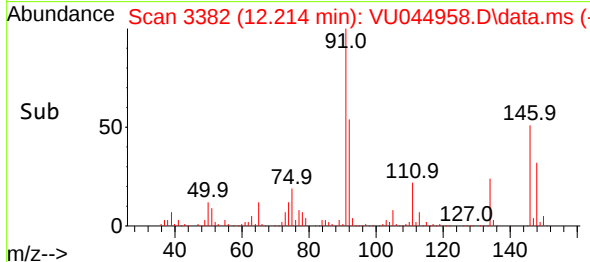
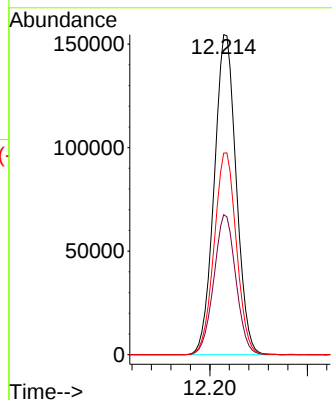
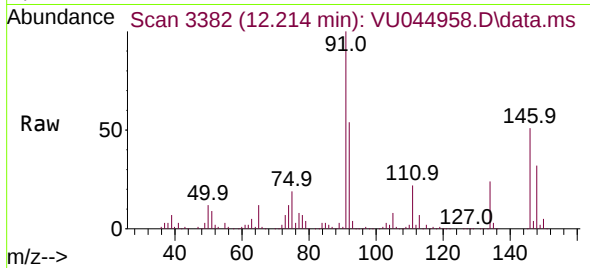




#91
 1,2-Dichlorobenzene
 Concen: 51.491 ug/l
 RT: 12.214 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

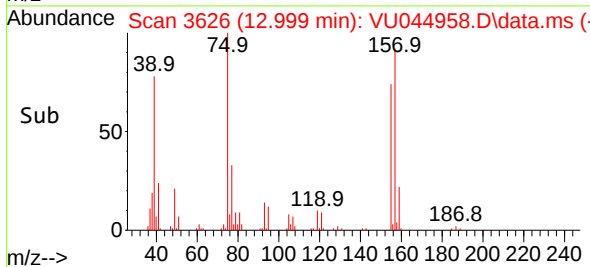
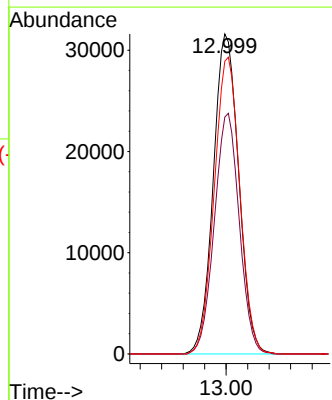
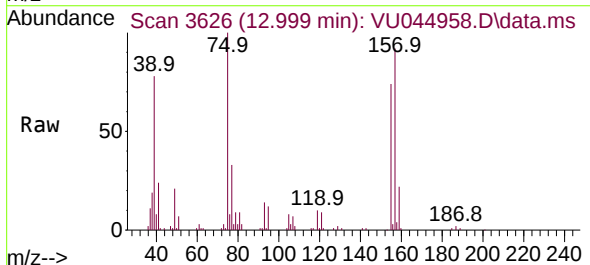
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

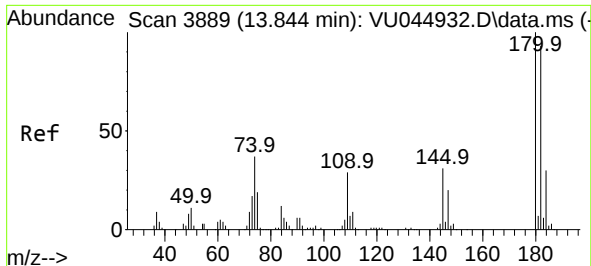
Tgt Ion:146 Resp: 242393
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.4 64.3
 148 63.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.033 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU044958.D
 Acq: 28 Sep 2021 22:13

Tgt Ion: 75 Resp: 51885
 Ion Ratio Lower Upper
 75 100
 155 73.8 36.9 110.6
 157 93.1 47.8 143.3

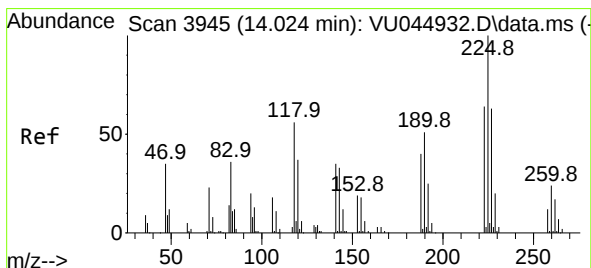
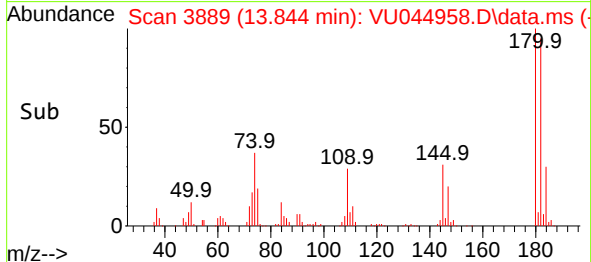
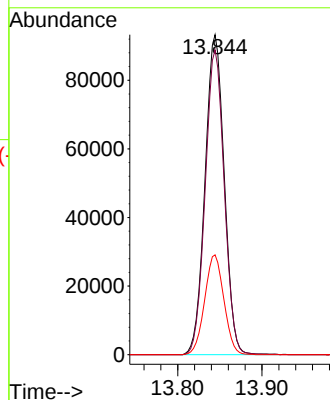
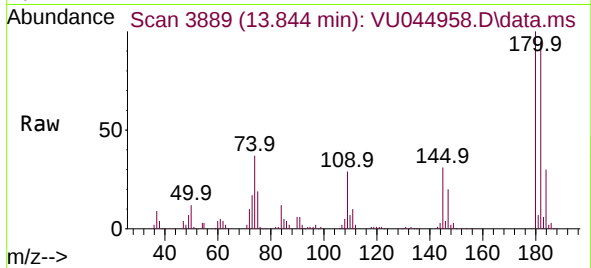




#93
1,2,4-Trichlorobenzene
Concen: 56.527 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

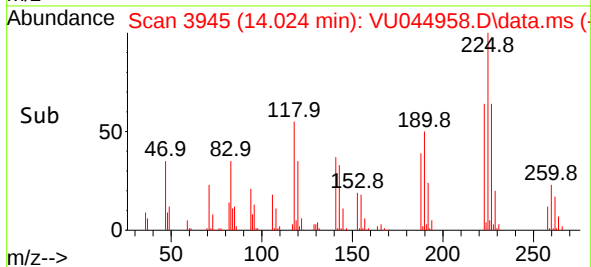
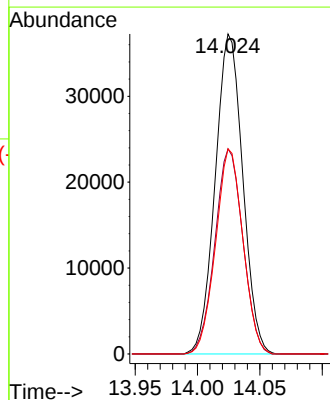
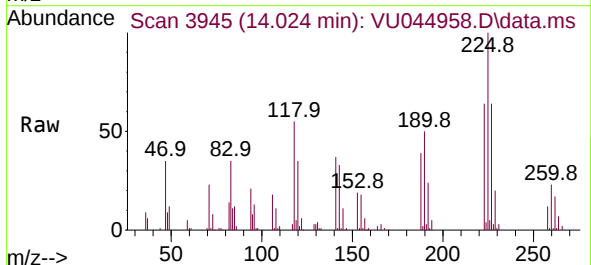
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ClientSampleId :
VSTDCCC050

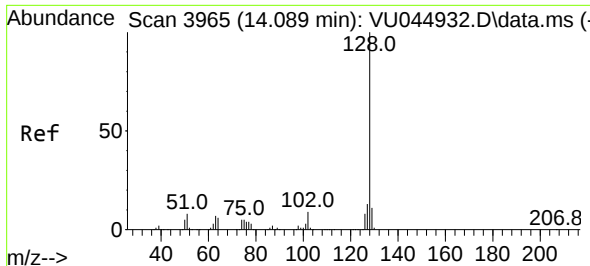
Tgt Ion:180 Resp: 148295
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.3
145 31.2 15.4 46.2



#94
Hexachlorobutadiene
Concen: 52.311 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion:225 Resp: 57288
Ion Ratio Lower Upper
225 100
223 64.9 31.1 93.3
227 63.5 31.4 94.3

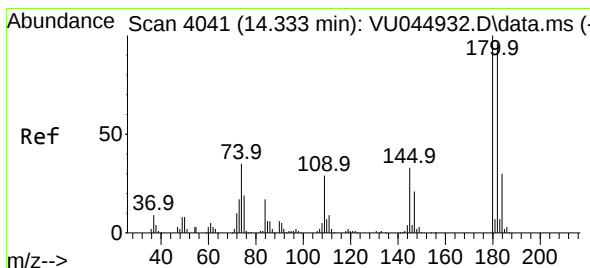
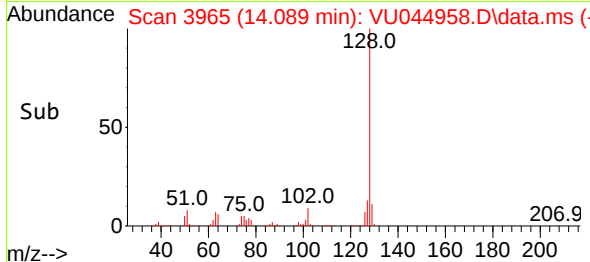
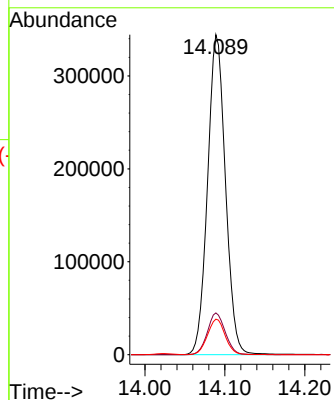
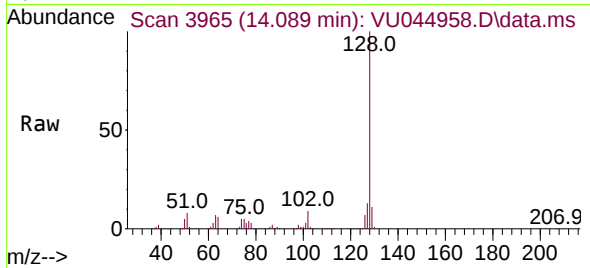




#95
Naphthalene
Concen: 54.388 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 536650
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 56.093 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044958.D
Acq: 28 Sep 2021 22:13

Tgt Ion:180 Resp: 147790
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.4
145 33.8 16.4 49.2

