

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044935.D
 Acq On : 28 Sep 2021 12:34
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928

Quant Time: Sep 28 15:51:29 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	5.379	168	209944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	368594	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	342027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	160644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	162569	46.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.040%
35) Dibromofluoromethane	5.292	113	112986	48.592	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	7.899	98	463308	50.429	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.860%
62) 4-Bromofluorobenzene	10.636	95	174672	46.051	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	650	0.250	ug/l	89
3) Chloromethane	1.520	50	1510	0.448	ug/l #	87
4) Vinyl Chloride	1.604	62	733	0.218	ug/l #	87
5) Bromomethane	1.839	94	2277	1.726	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.578	101	584	0.231	ug/l #	83
10) Methyl Iodide	2.729	142	1416	0.525	ug/l #	76
11) Tert butyl alcohol	3.192	59	543	0.541	ug/l #	72
12) 1,1-Dichloroethene	2.575	96	601	0.241	ug/l	87
13) Acrolein	2.488	56	339	4.836	ug/l #	72
15) Acrylonitrile	3.318	53	2223	1.099	ug/l	96
16) Acetone	2.633	43	2819	1.359	ug/l	94
17) Carbon Disulfide	2.794	76	9771	1.330	ug/l	96
18) Methyl Acetate	2.951	43	2007	0.331	ug/l	96
20) Methylene Chloride	3.048	84	942	0.301	ug/l	92
21) trans-1,2-Dichloroethene	3.359	96	1544	0.567	ug/l	84
23) Vinyl Acetate	3.961	43	2219	0.290	ug/l #	72
25) 2-Butanone	4.716	43	2799	0.950	ug/l	95
29) Tetrahydrofuran	5.060	42	1878	1.070	ug/l #	82
31) Cyclohexane	5.379	56	6258	1.179	ug/l #	6
36) 1,1-Dichloropropene	5.533	75	1371	0.356	ug/l #	82
38) Carbon Tetrachloride	5.379	117	20835	6.246	ug/l #	15
42) 1,2-Dichloroethane	5.797	62	954	0.211	ug/l #	75
44) Trichloroethene	6.546	130	1025	0.379	ug/l	96
46) Dibromomethane	6.919	93	444	0.217	ug/l #	84
49) 1,4-Dioxane	6.980	88	379	Below Cal	#	86
51) 4-Methyl-2-Pentanone	7.797	43	6324	1.132	ug/l	98
53) t-1,3-Dichloropropene	8.215	75	1137	0.250	ug/l #	66
56) Ethyl methacrylate	8.340	69	801	1.954	ug/l #	82
58) 2-Chloroethyl Vinyl ether	7.472	63	448	22.092	ug/l #	49
59) 2-Hexanone	8.690	43	10329	2.271	ug/l	99
60) Dibromochloromethane	8.813	129	254	2.253	ug/l	97
64) Tetrachloroethene	8.555	164	767	0.344	ug/l	92
65) Chlorobenzene	9.449	112	2275	0.317	ug/l	96
67) Ethyl Benzene	9.571	91	3572	0.271	ug/l	96
68) m/p-Xylenes	9.700	106	2698	0.526	ug/l	94
69) o-Xylene	10.105	106	1242	0.244	ug/l	90

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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

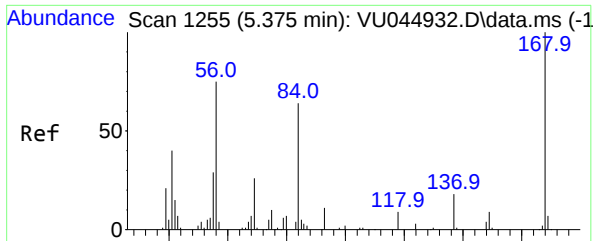
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928

Quant Time: Sep 28 15:51:29 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)

70) Styrene	10.118	104	2927	0.343	ug/l	93
71) Bromoform	10.298	173	303	1.242	ug/l #	51
73) Isopropylbenzene	10.491	105	3360	0.281	ug/l	99
74) N-amyl acetate	10.327	43	4681	0.777	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.784	83	1467	0.283	ug/l #	92
76) 1,2,3-Trichloropropane	10.636	75	93770	20.012	ug/l #	41
77) Bromobenzene	10.784	156	1275	0.441	ug/l	87
78) n-propylbenzene	10.909	91	6363	0.436	ug/l	100
79) 2-Chlorotoluene	10.989	91	3776	0.413	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	3530	0.337	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.636	75	93770	55.537	ug/l #	9
82) 4-Chlorotoluene	11.102	91	6182	0.599	ug/l	100
83) tert-Butylbenzene	11.420	119	3454	0.339	ug/l	87
84) 1,2,4-Trimethylbenzene	11.472	105	4275	0.412	ug/l	91
85) sec-Butylbenzene	11.648	105	5889	0.449	ug/l	99
86) p-Isopropyltoluene	11.796	119	4900	0.464	ug/l	87
87) 1,3-Dichlorobenzene	11.748	146	4397	0.795	ug/l	96
88) 1,4-Dichlorobenzene	11.748	146	4397	0.777	ug/l	96
89) n-Butylbenzene	12.211	91	7846	0.807	ug/l	99
91) 1,2-Dichlorobenzene	12.218	146	3873	0.685	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	13.002	75	1335	1.093	ug/l	92
93) 1,2,4-Trichlorobenzene	13.845	180	7487	2.376	ug/l	95
94) Hexachlorobutadiene	14.025	225	1456	1.107	ug/l	94
95) Naphthalene	14.092	128	63557	5.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	9740	3.077	ug/l	99

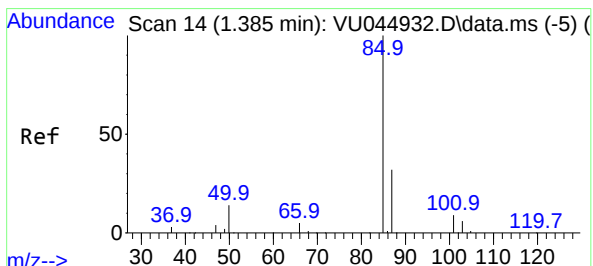
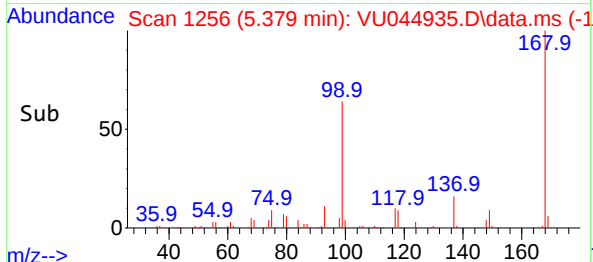
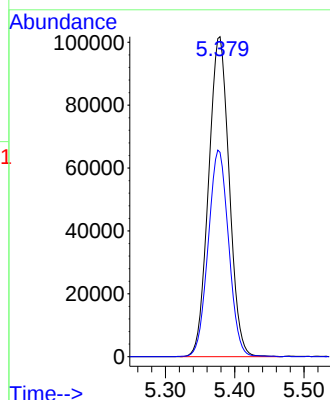
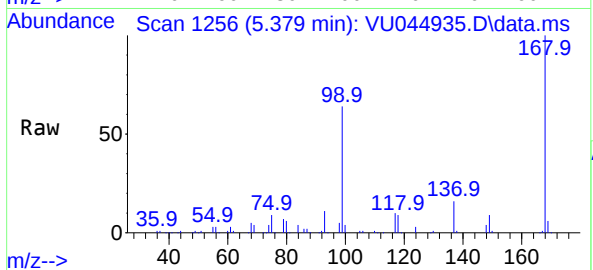
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

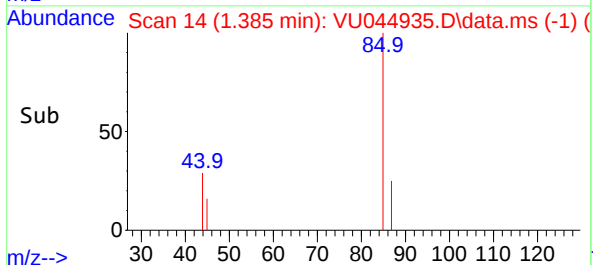
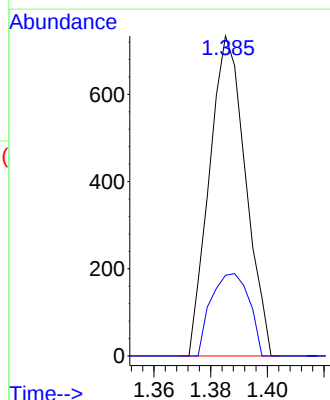
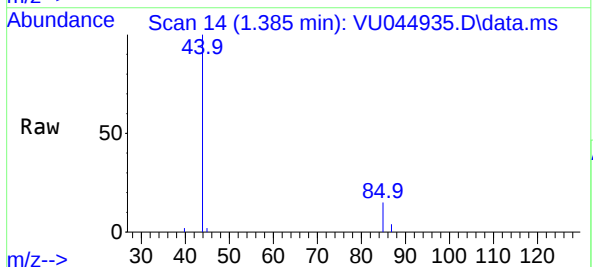
Instrument :
MSVOA_U
ClientSampleId :
VU0928

Tgt Ion:168 Resp: 209944
Ion Ratio Lower Upper
168 100
99 63.9 51.4 77.0

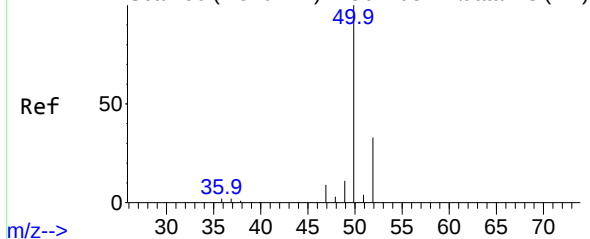


#2
Dichlorodifluoromethane
Concen: 0.250 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 85 Resp: 650
Ion Ratio Lower Upper
85 100
87 25.2 15.7 47.0



Abundance Scan 56 (1.520 min): VU044932.D\data.ms (-47)



#3

Chloromethane

Concen: 0.448 ug/l

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

Instrument :

MSVOA_U

ClientSampleId :

VU0928

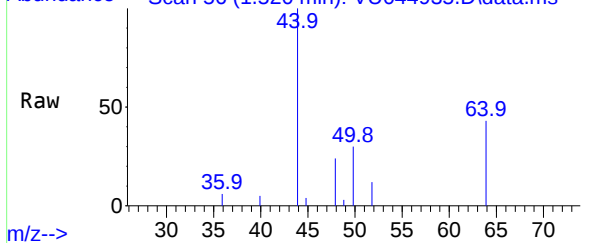
Tgt Ion: 50 Resp: 1510

Ion Ratio Lower Upper

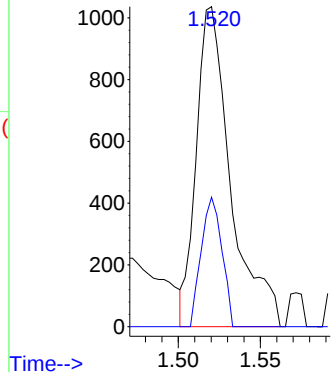
50 100

52 40.4 26.3 39.5#

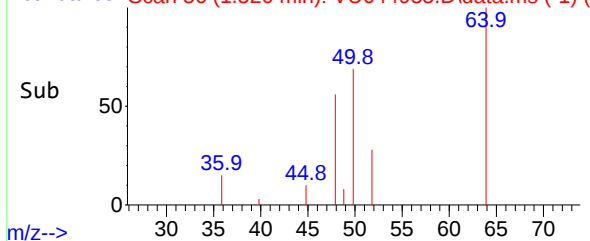
Abundance Scan 56 (1.520 min): VU044935.D\data.ms



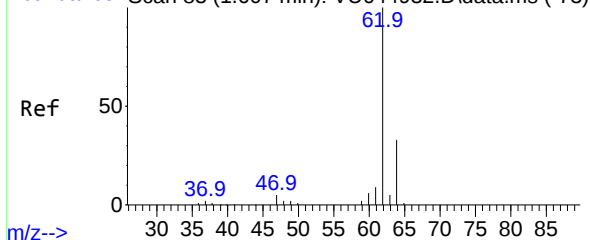
Abundance



Abundance Scan 56 (1.520 min): VU044935.D\data.ms (-1) (



Abundance Scan 83 (1.607 min): VU044932.D\data.ms (-73)



#4

Vinyl Chloride

Concen: 0.218 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.003 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

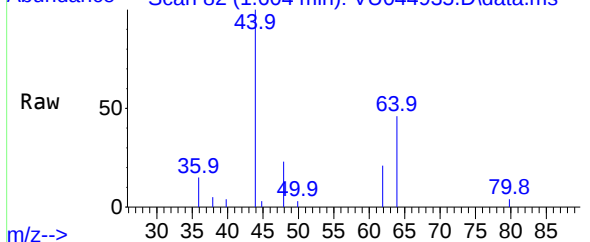
Tgt Ion: 62 Resp: 733

Ion Ratio Lower Upper

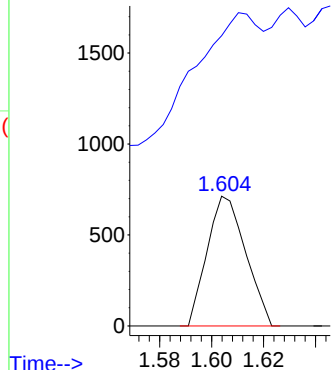
62 100

64 39.0 25.6 38.4#

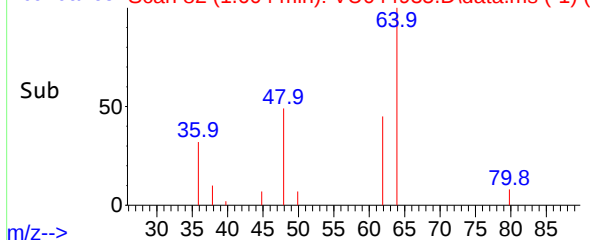
Abundance Scan 82 (1.604 min): VU044935.D\data.ms

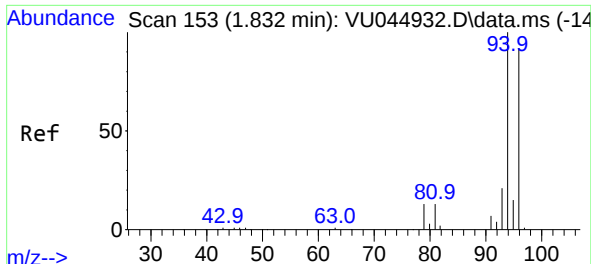


Abundance



Abundance Scan 82 (1.604 min): VU044935.D\data.ms (-1) (

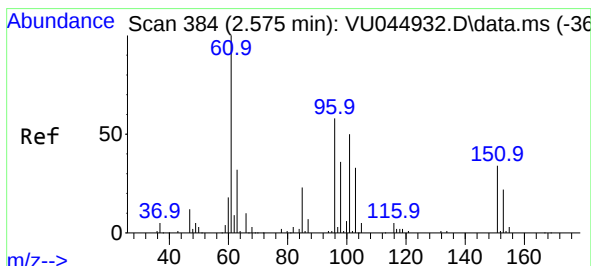
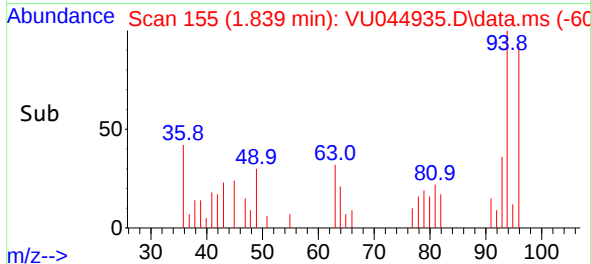
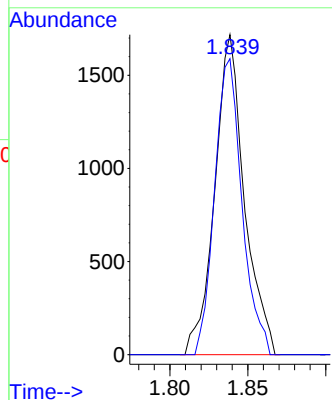
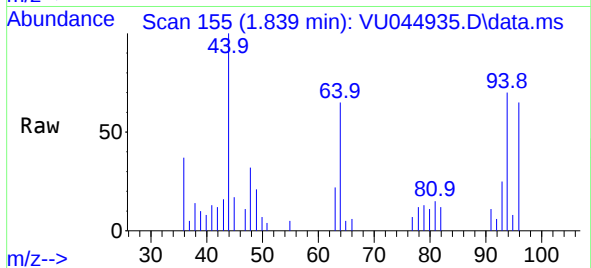




#5
Bromomethane
Concen: 1.726 ug/l
RT: 1.839 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

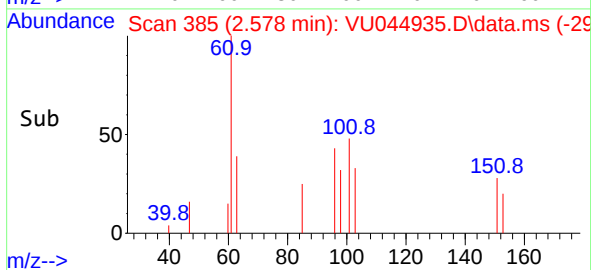
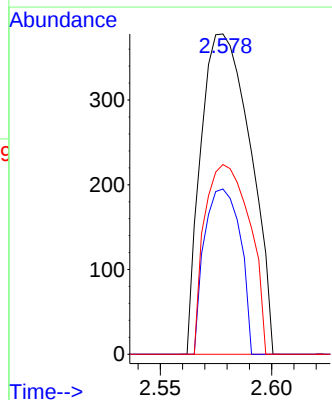
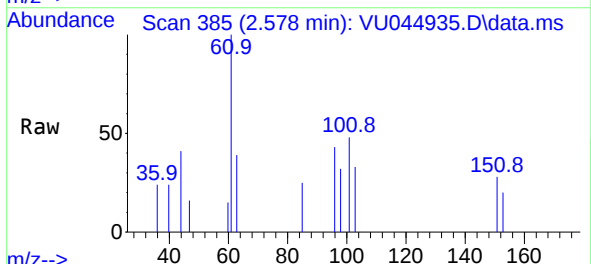
Instrument :
MSVOA_U
ClientSampleId :
VU0928

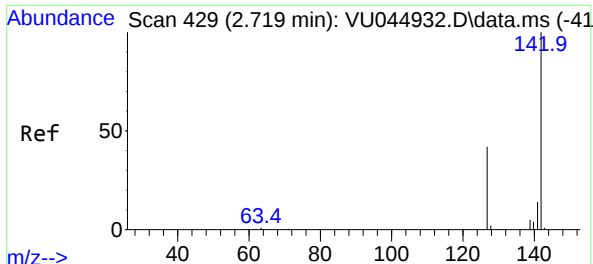
Tgt Ion: 94 Resp: 2277
Ion Ratio Lower Upper
94 100
96 92.5 74.5 111.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.231 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

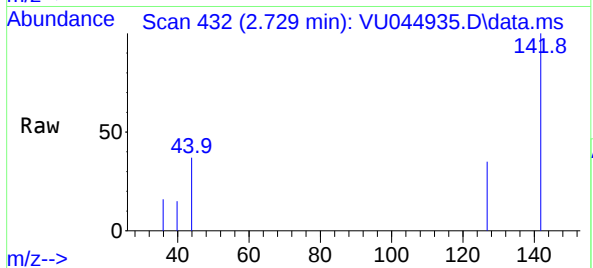
Tgt Ion:101 Resp: 584
Ion Ratio Lower Upper
101 100
85 37.2 37.2 55.8#
151 53.8 55.8 83.8#



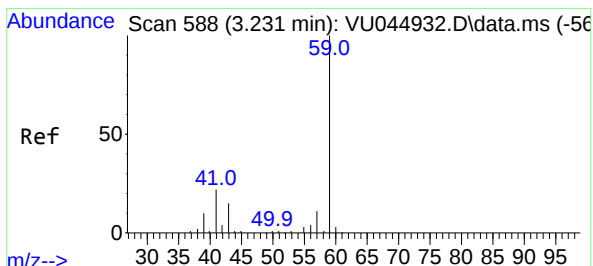
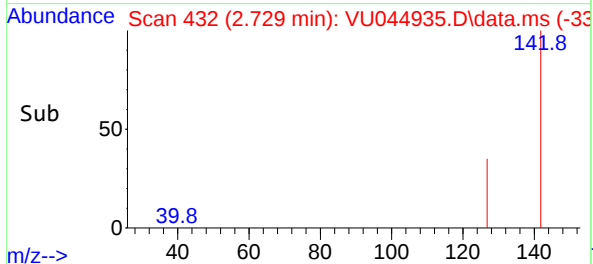
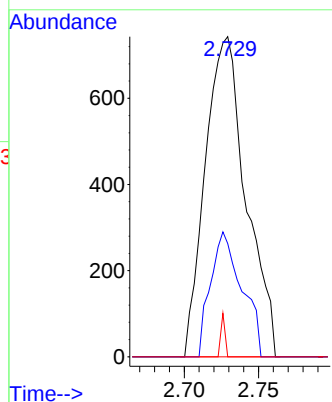


#10
Methyl Iodide
Concen: 0.525 ug/l
RT: 2.729 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0928

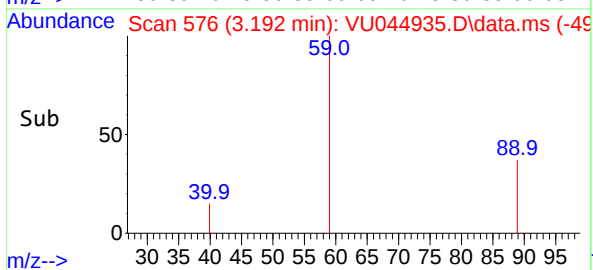
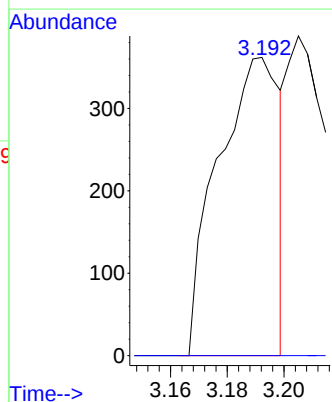
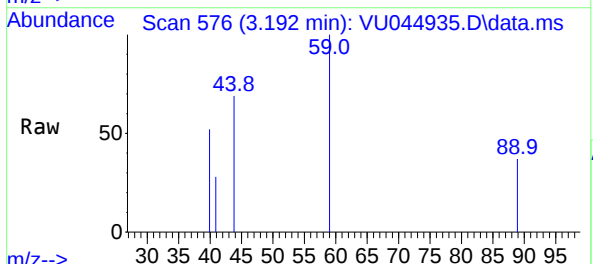


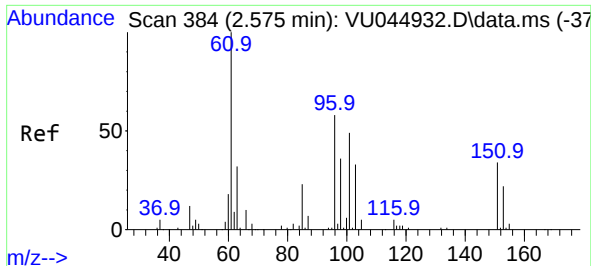
Tgt Ion:142 Resp: 1416
Ion Ratio Lower Upper
142 100
127 30.0 35.6 53.4#
141 1.3 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.541 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.039 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 59 Resp: 543
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.241 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

Instrument :

MSVOA_U

ClientSampleId :

VU0928

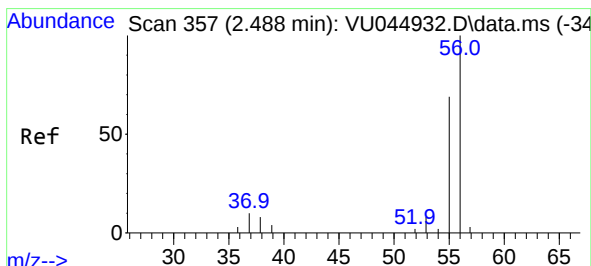
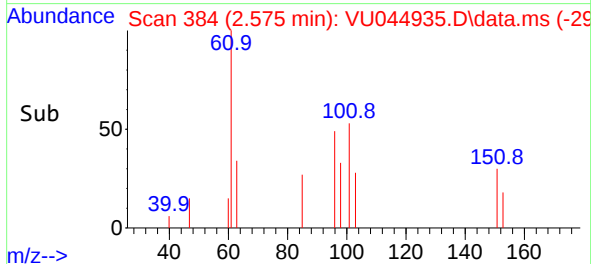
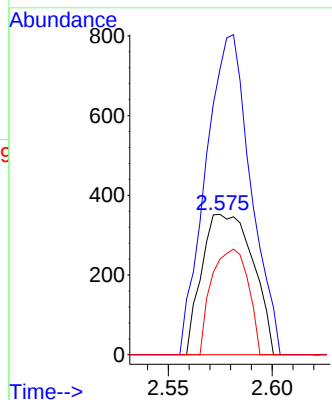
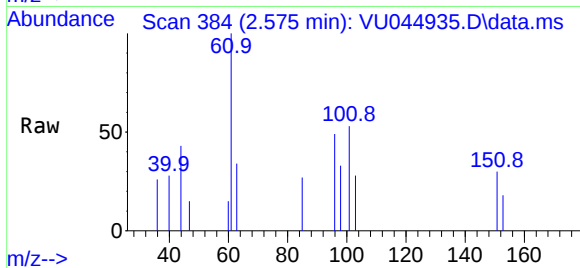
Tgt Ion: 96 Resp: 601

Ion Ratio Lower Upper

96 100

61 203.7 145.4 218.0

98 68.2 50.9 76.3



#13

Acrolein

Concen: 4.836 ug/l

RT: 2.488 min Scan# 357

Delta R.T. 0.000 min

Lab File: VU044935.D

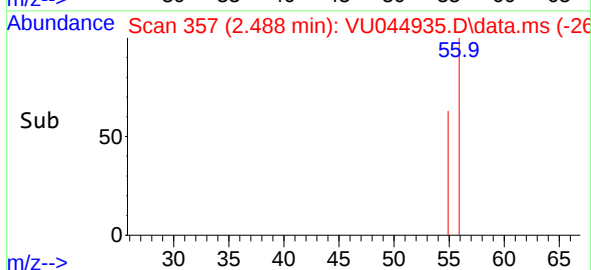
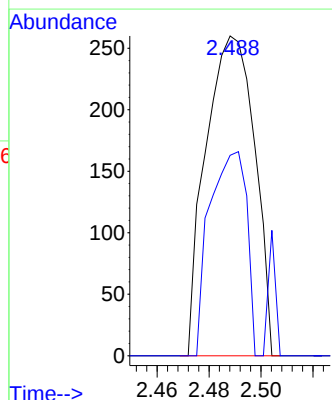
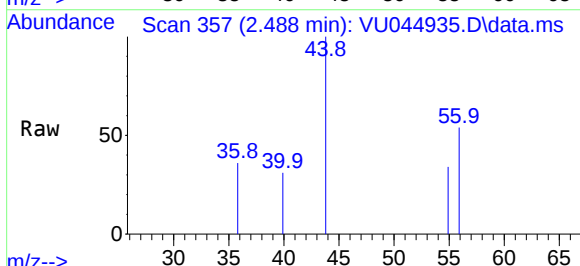
Acq: 28 Sep 2021 12:34

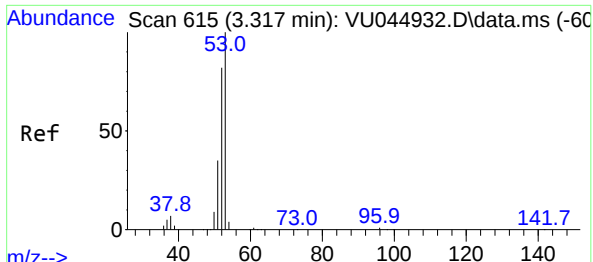
Tgt Ion: 56 Resp: 339

Ion Ratio Lower Upper

56 100

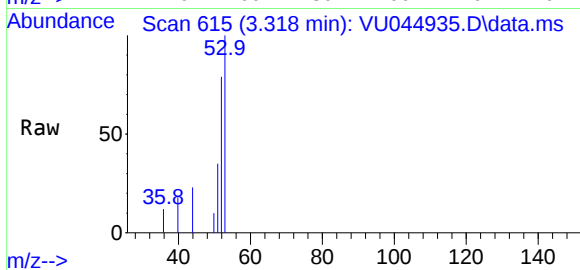
55 48.4 57.4 86.0#





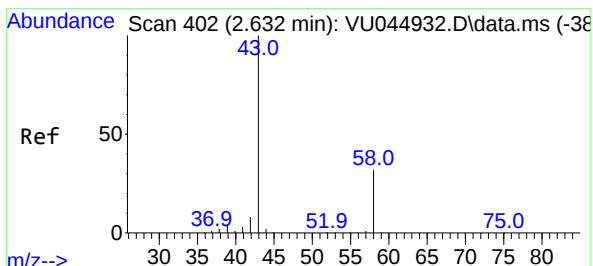
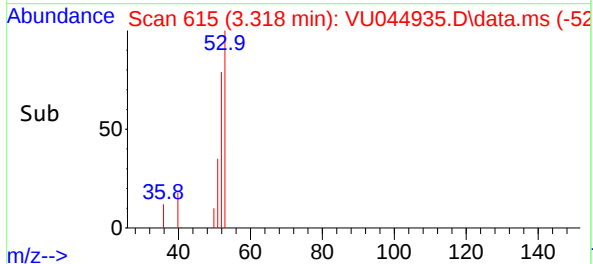
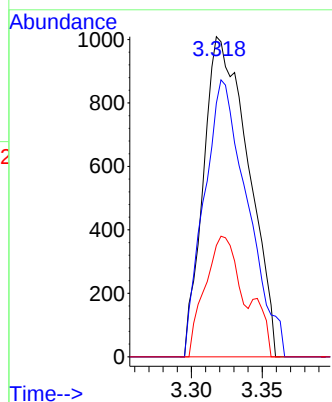
#15
Acrylonitrile
Concen: 1.099 ug/l
RT: 3.318 min Scan# 615
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0928



Tgt Ion: 53 Resp: 2223

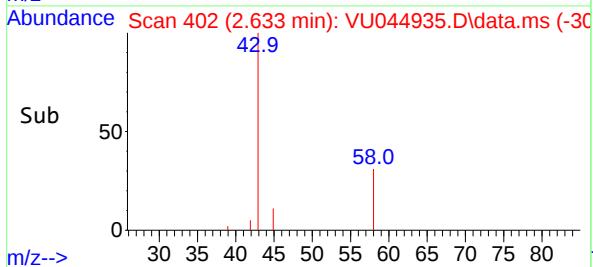
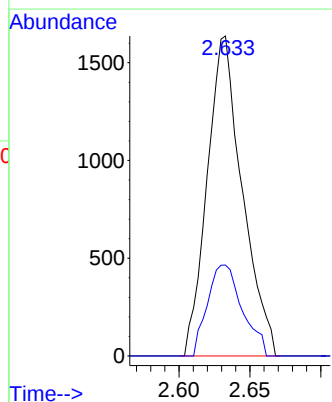
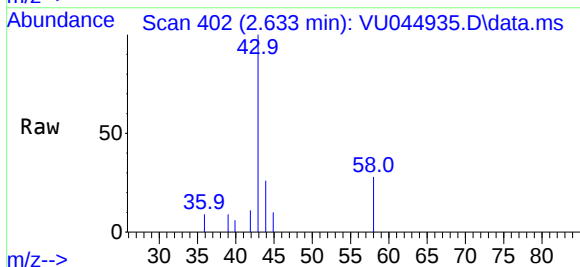
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.0	99.0
51	28.7	28.6	42.8

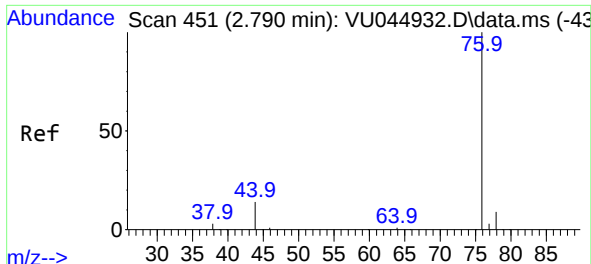


#16
Acetone
Concen: 1.359 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 43 Resp: 2819

Ion	Ratio	Lower	Upper
43	100		
58	28.4	25.2	37.8

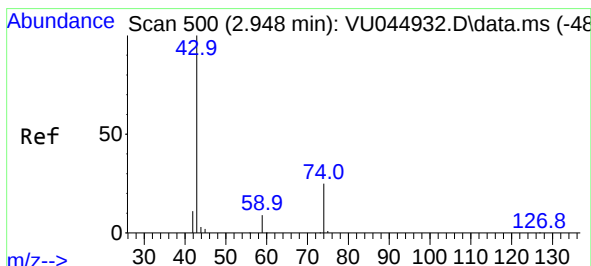
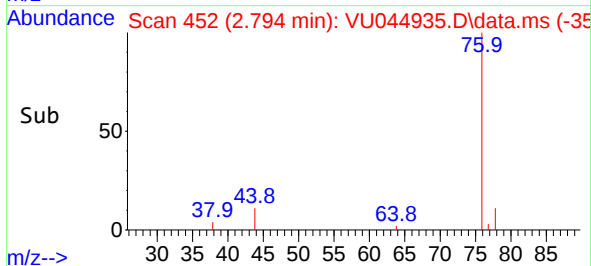
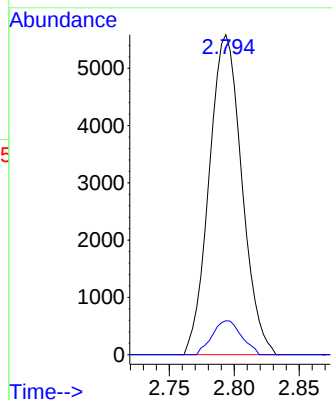
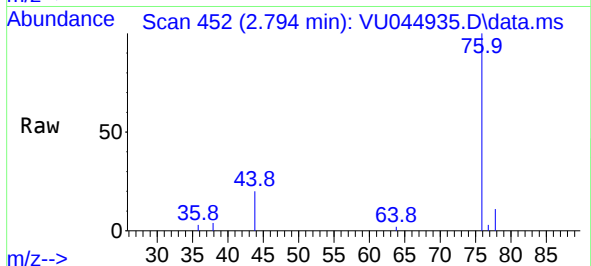




#17
Carbon Disulfide
Concen: 1.330 ug/l
RT: 2.794 min Scan# 411
Delta R.T. 0.004 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

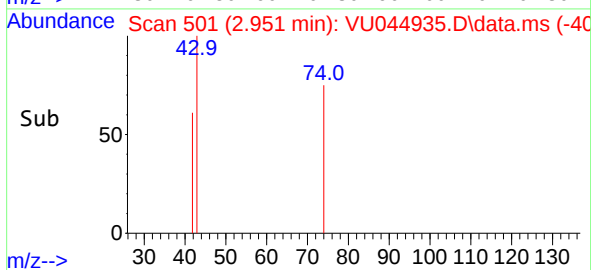
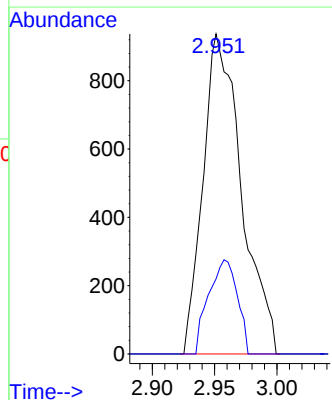
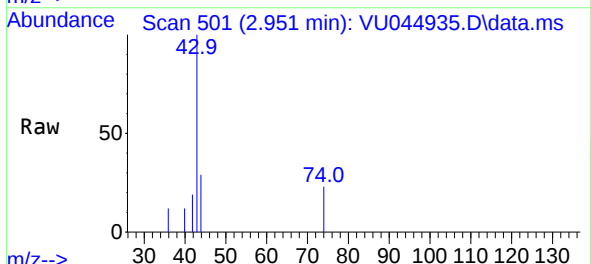
Instrument :
MSVOA_U
ClientSampleId :
VU0928

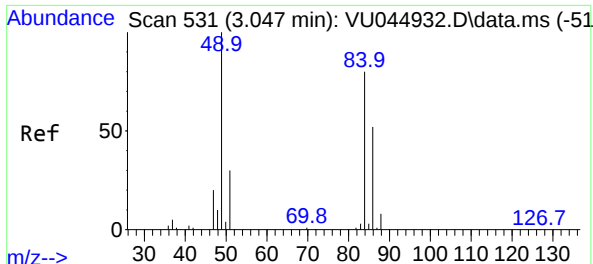
Tgt Ion: 76 Resp: 9771
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#18
Methyl Acetate
Concen: 0.331 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
74 22.0 19.0 28.6



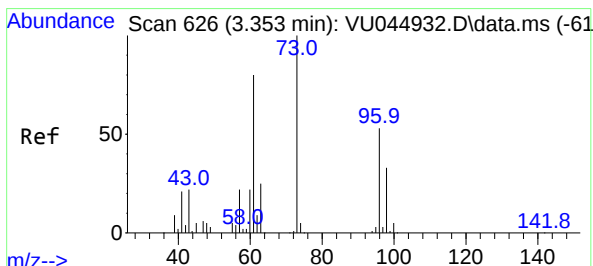
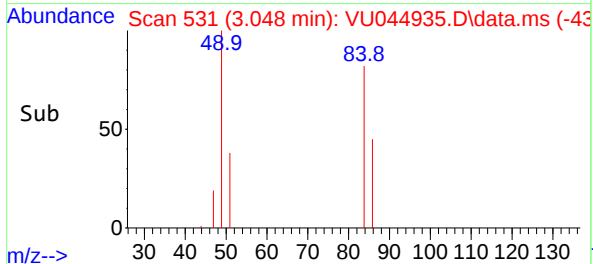
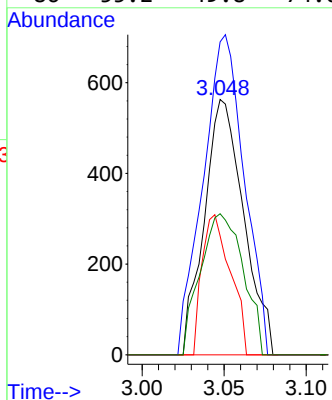
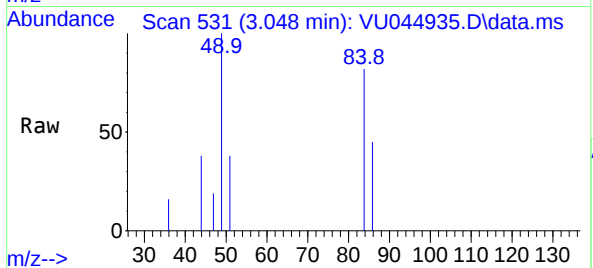


#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 3.048 min Scan# 51
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0928

Tgt Ion: 84 Resp: 942

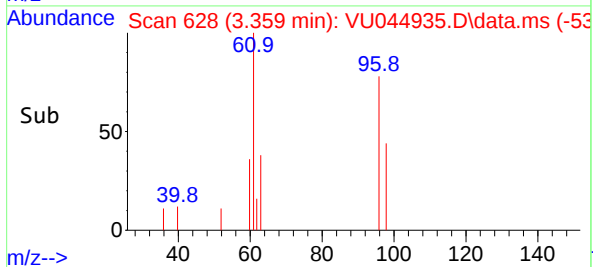
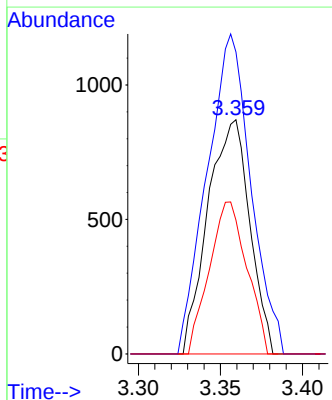
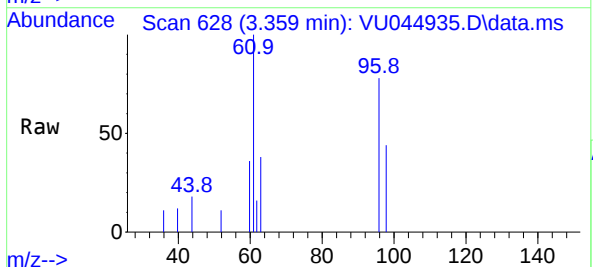
Ion	Ratio	Lower	Upper
84	100		
49	122.6	104.9	157.3
51	46.5	31.8	47.8
86	55.2	49.8	74.6

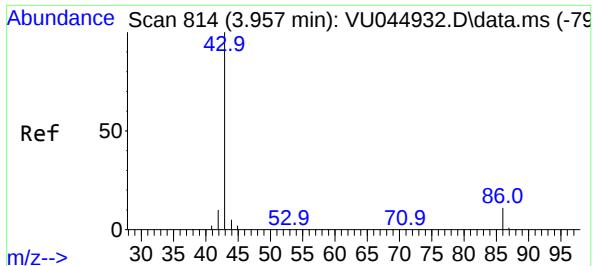


#21
trans-1,2-Dichloroethene
Concen: 0.567 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.006 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 96 Resp: 1544

Ion	Ratio	Lower	Upper
96	100		
61	128.9	123.2	184.8
98	57.1	51.0	76.6

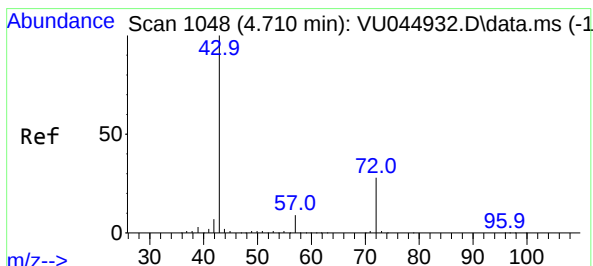
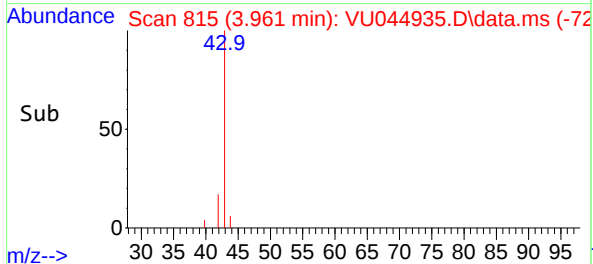
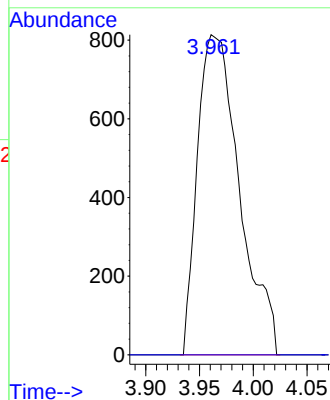
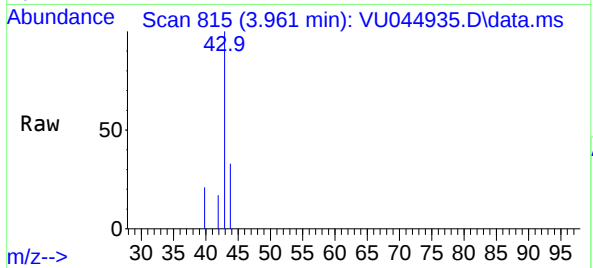




#23
 Vinyl Acetate
 Concen: 0.290 ug/l
 RT: 3.961 min Scan# 814
 Delta R.T. 0.004 min
 Lab File: VU044935.D
 Acq: 28 Sep 2021 12:34

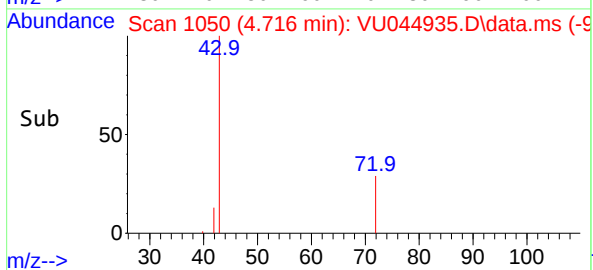
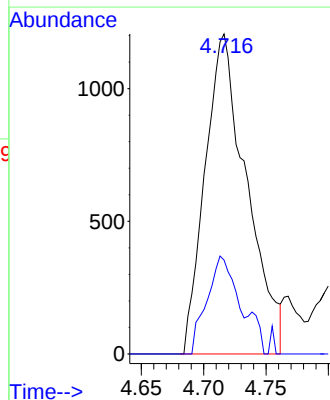
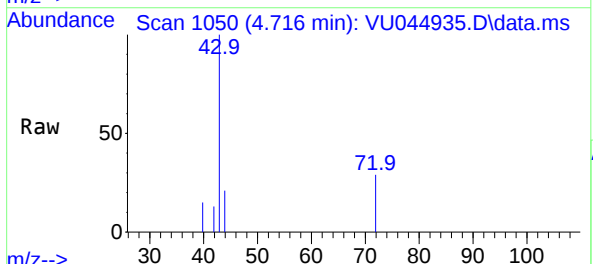
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928

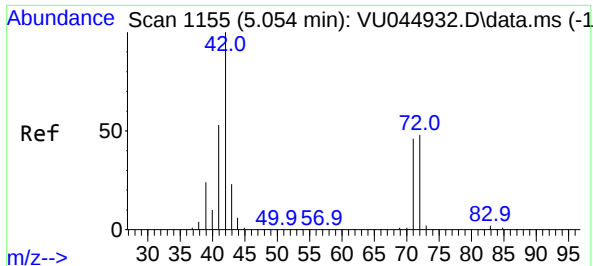
Tgt Ion: 43 Resp: 2219
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 0.950 ug/l
 RT: 4.716 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU044935.D
 Acq: 28 Sep 2021 12:34

Tgt Ion: 43 Resp: 2799
 Ion Ratio Lower Upper
 43 100
 72 29.4 21.3 31.9

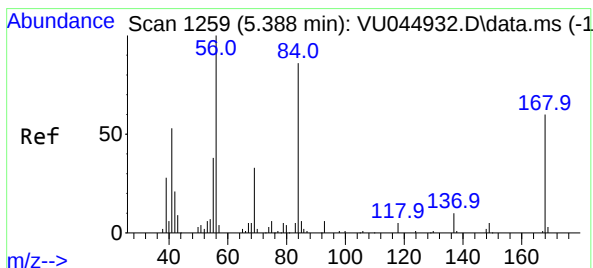
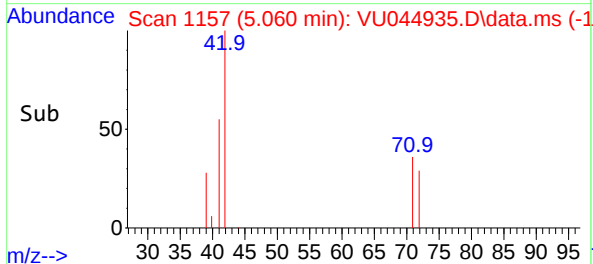
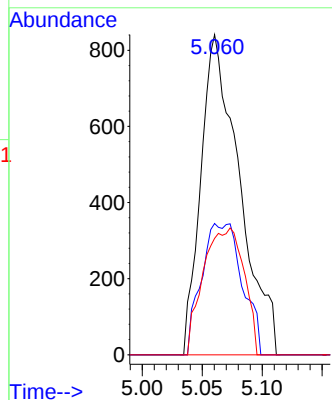
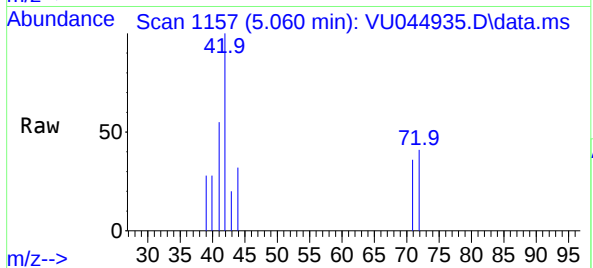




#29
Tetrahydrofuran
Concen: 1.070 ug/l
RT: 5.060 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

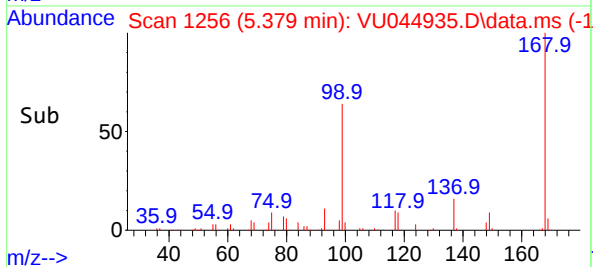
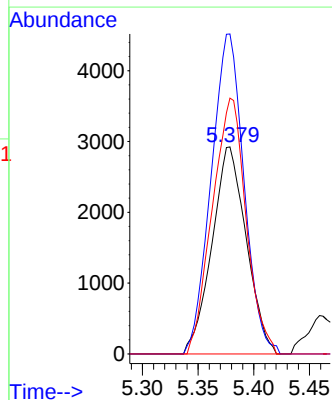
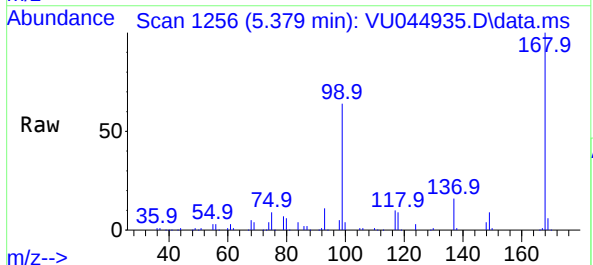
Instrument :
MSVOA_U
ClientSampleId :
VU0928

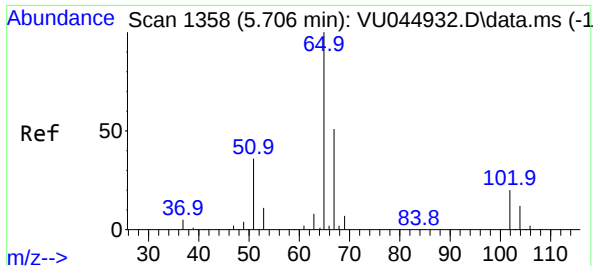
Tgt Ion: 42 Resp: 1878
Ion Ratio Lower Upper
42 100
72 23.3 36.2 54.4#
71 41.7 34.1 51.1



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.009 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 56 Resp: 6258
Ion Ratio Lower Upper
56 100
69 154.6 25.2 37.8#
84 123.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 46.518 ug/l

RT: 5.703 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

Instrument :

MSVOA_U

ClientSampleId :

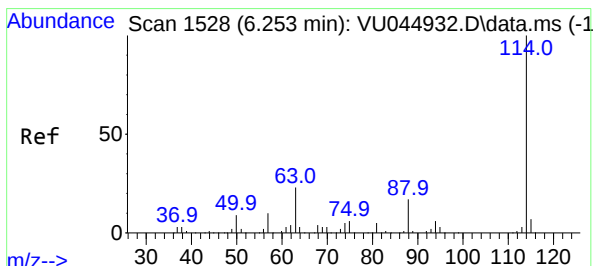
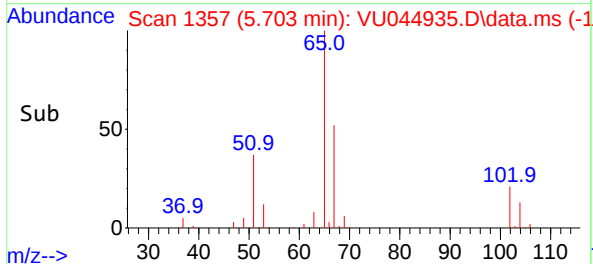
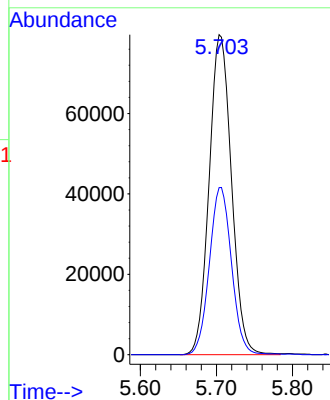
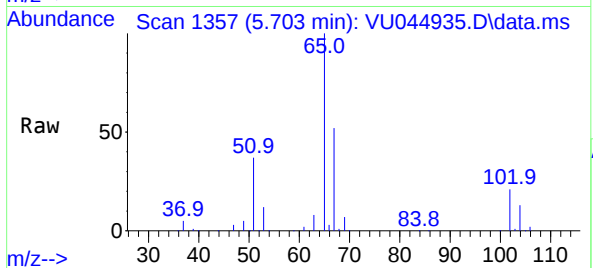
VU0928

Tgt Ion: 65 Resp: 162569

Ion Ratio Lower Upper

65 100

67 51.8 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: VU044935.D

Acq: 28 Sep 2021 12:34

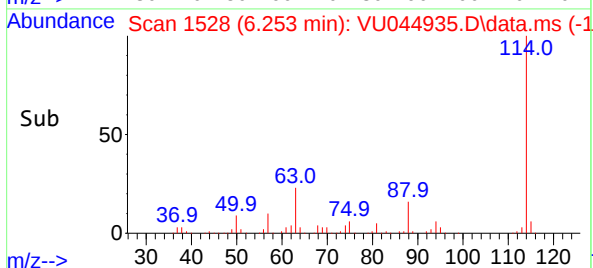
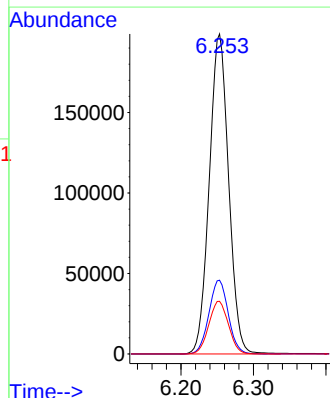
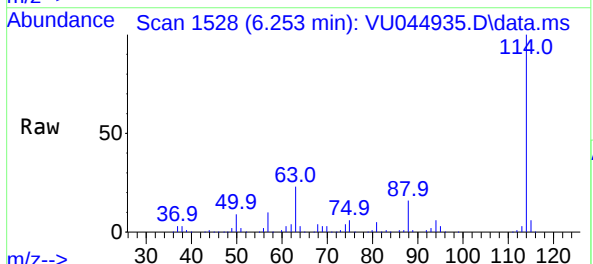
Tgt Ion: 114 Resp: 368594

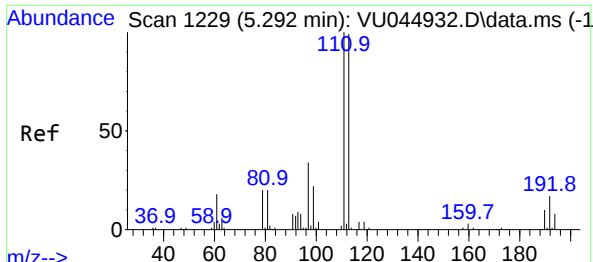
Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.8

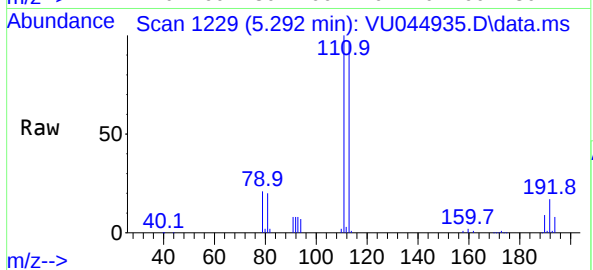
88 16.5 0.0 32.8



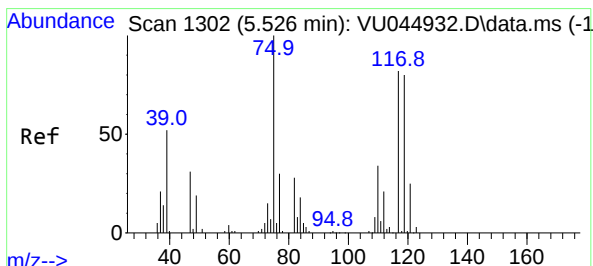
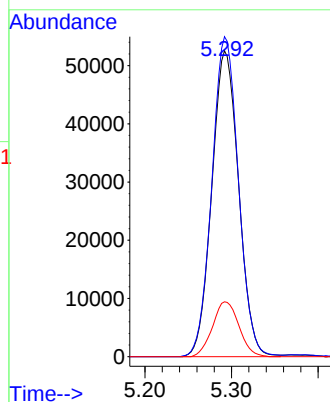
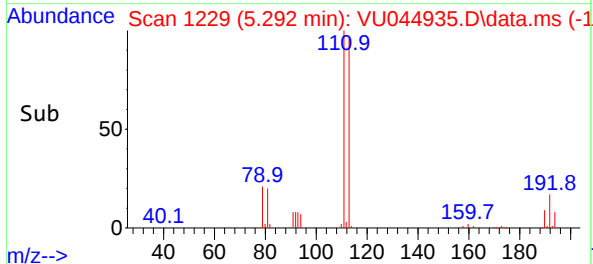


#35
Dibromofluoromethane
Concen: 48.592 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

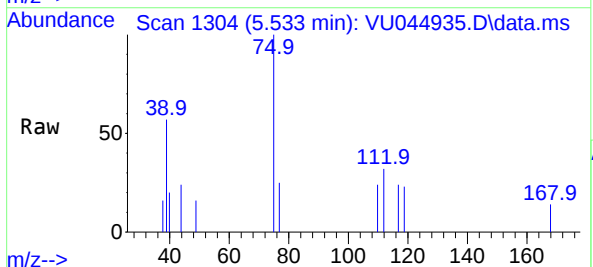
Instrument :
MSVOA_U
ClientSampleId :
VU0928



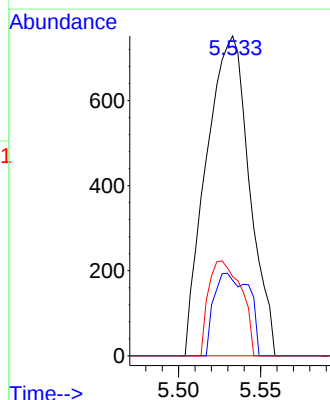
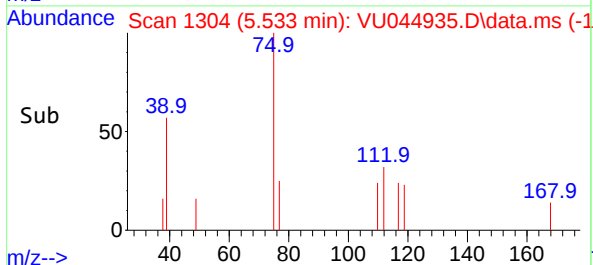
Tgt Ion:113 Resp: 112986
Ion Ratio Lower Upper
113 100
111 103.5 84.1 126.1
192 17.7 14.8 22.2

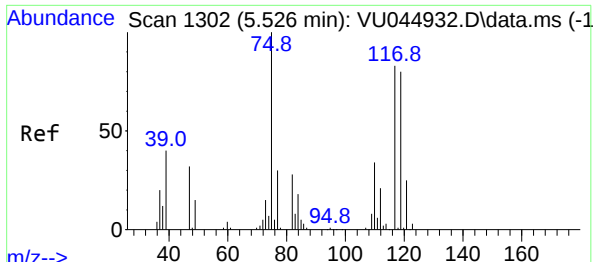


#36
1,1-Dichloropropene
Concen: 0.356 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34



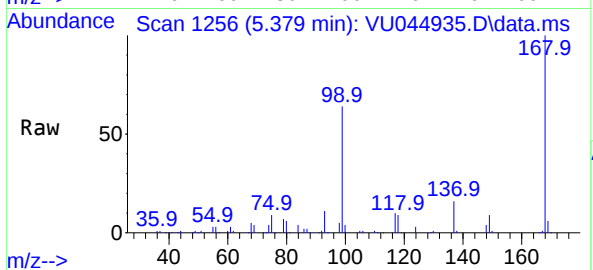
Tgt Ion: 75 Resp: 1371
Ion Ratio Lower Upper
75 100
110 20.8 16.3 48.9
77 22.5 25.0 37.4#



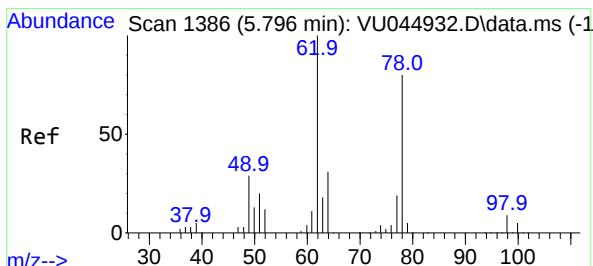
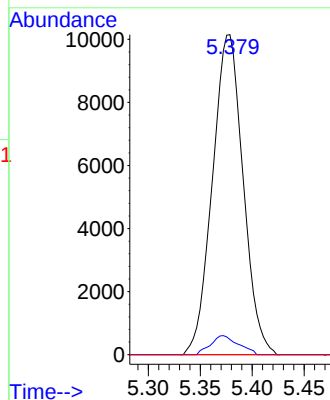
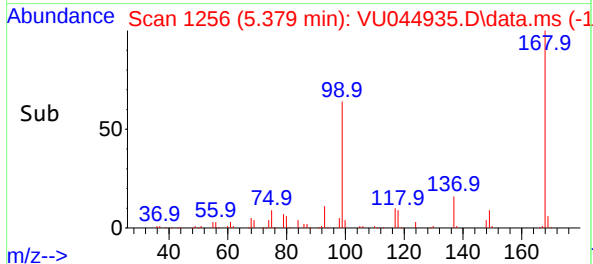


#38
Carbon Tetrachloride
Concen: 6.246 ug/l
RT: 5.379 min Scan# 117
Delta R.T. -0.147 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0928

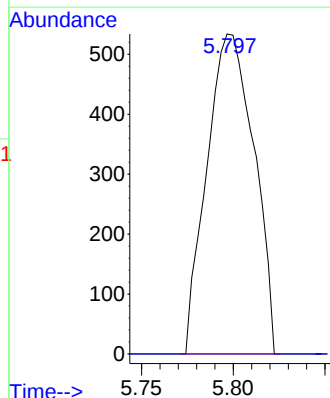
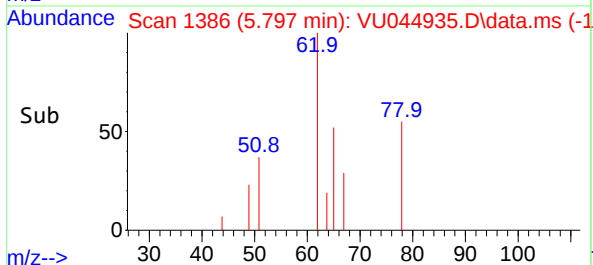
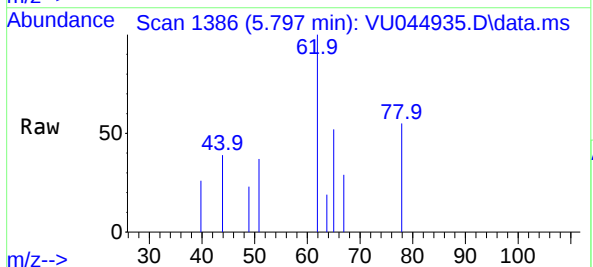


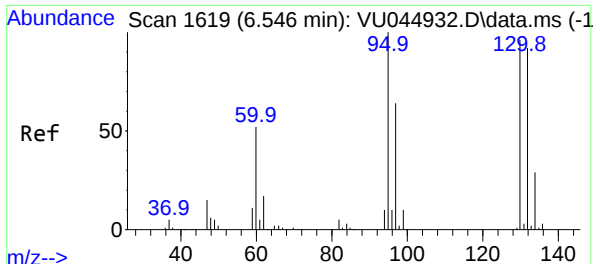
Tgt Ion:117 Resp: 20835
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.2#
121 0.0 24.5 36.7#



#42
1,2-Dichloroethane
Concen: 0.211 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 62 Resp: 954
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.8





#44

Trichloroethene

Concen: 0.379 ug/l

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

Instrument :

MSVOA_U

ClientSampleId :

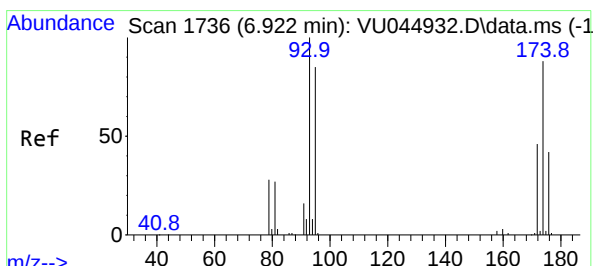
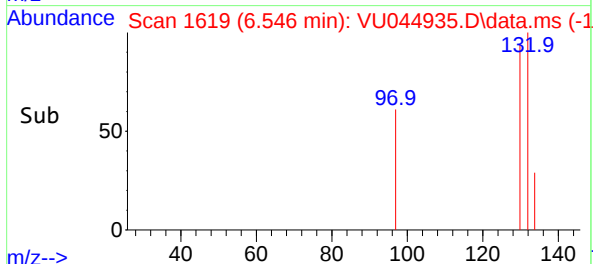
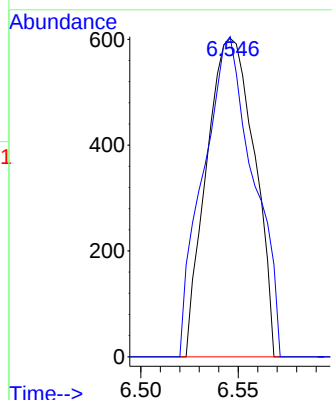
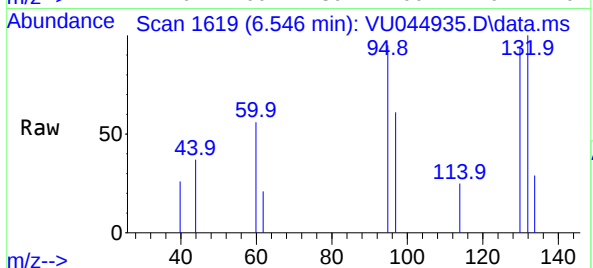
VU0928

Tgt Ion:130 Resp: 1025

Ion Ratio Lower Upper

130 100

95 100.5 0.0 209.0



#46

Dibromomethane

Concen: 0.217 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

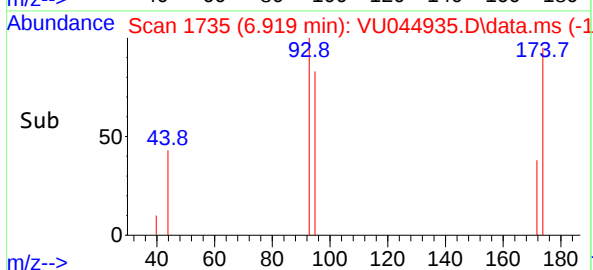
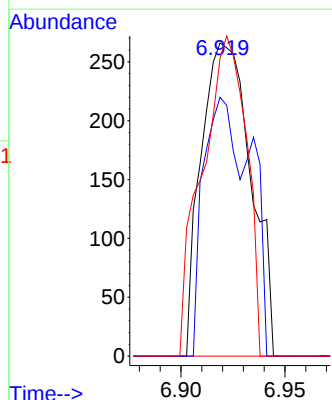
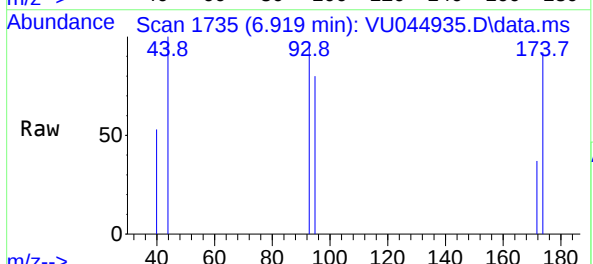
Tgt Ion: 93 Resp: 444

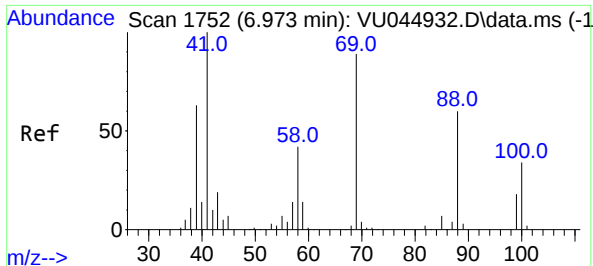
Ion Ratio Lower Upper

93 100

95 55.6 65.6 98.4#

174 91.0 70.7 106.1

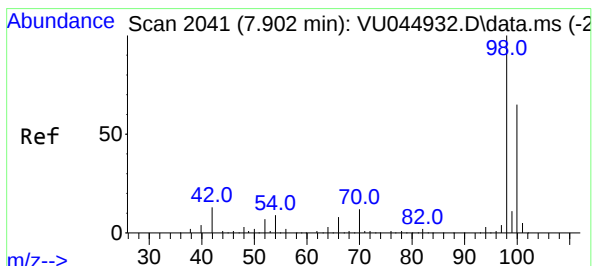
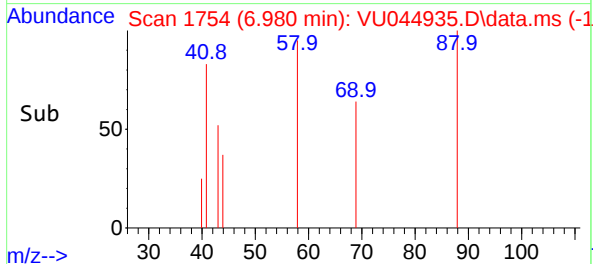
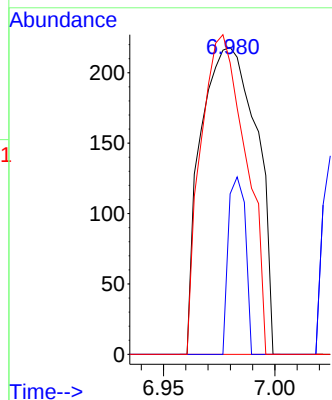
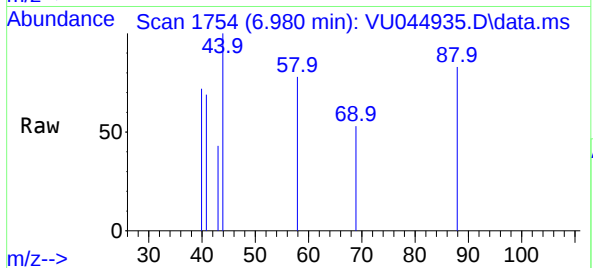




#49
1,4-Dioxane
Concen: Below Cal
RT: 6.980 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

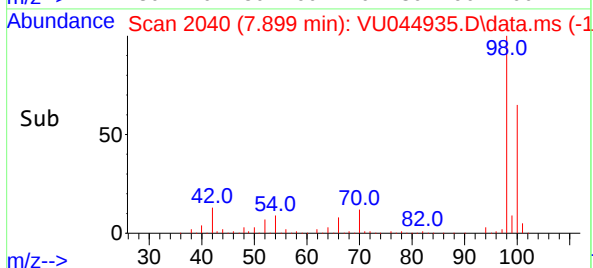
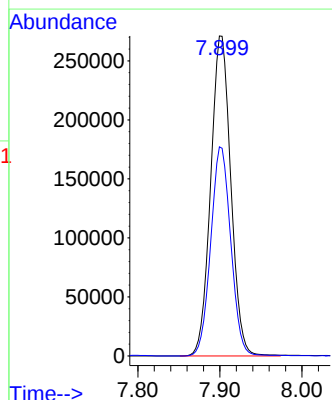
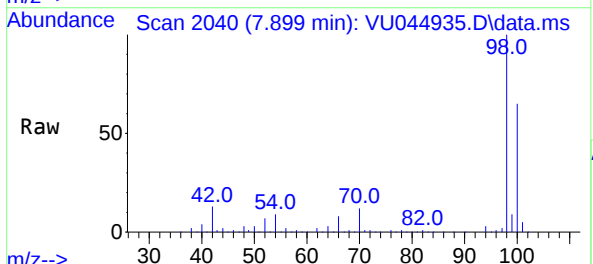
Instrument :
MSVOA_U
ClientSampleId :
VU0928

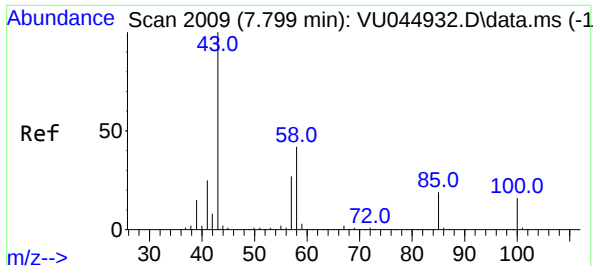
Tgt Ion: 88 Resp: 379
Ion Ratio Lower Upper
88 100
43 17.7 25.8 38.6#
58 84.4 61.3 91.9



#50
Toluene-d8
Concen: 50.429 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 98 Resp: 463308
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

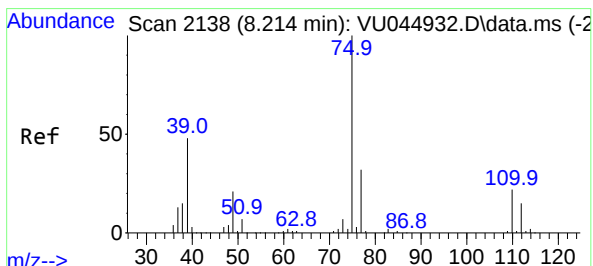
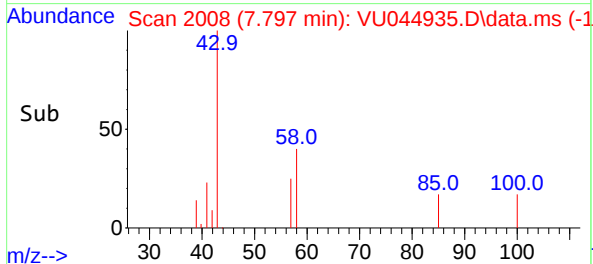
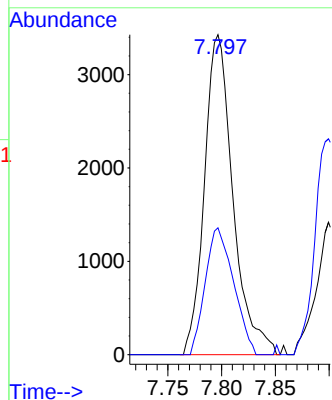
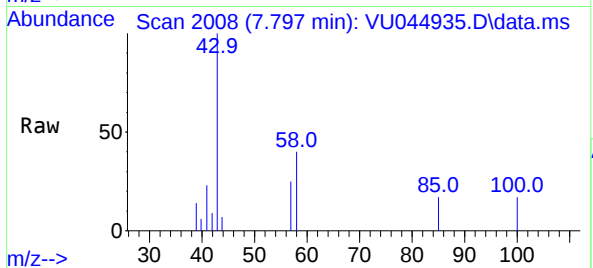




#51
4-Methyl-2-Pentanone
Concen: 1.132 ug/l
RT: 7.797 min Scan# 2009
Delta R.T. -0.002 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

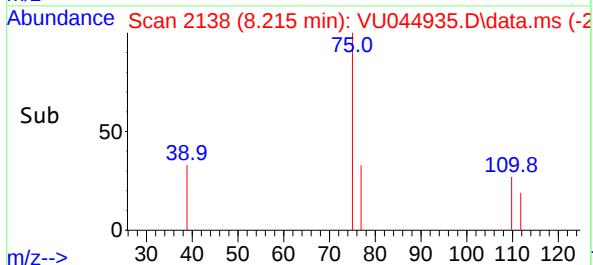
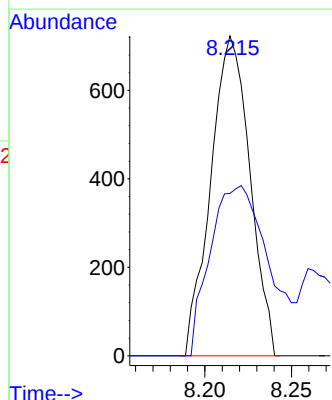
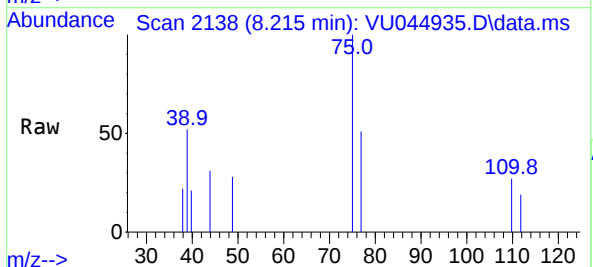
Instrument :
MSVOA_U
ClientSampleId :
VU0928

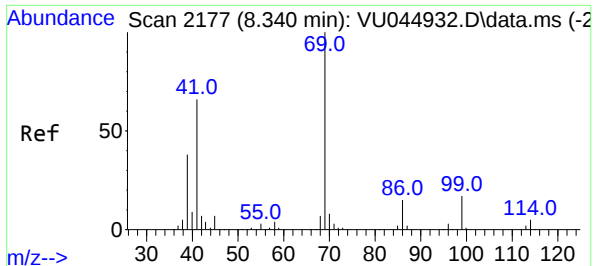
Tgt Ion: 43 Resp: 6324
Ion Ratio Lower Upper
43 100
58 39.2 32.4 48.6



#53
t-1,3-Dichloropropene
Concen: 0.250 ug/l
RT: 8.215 min Scan# 2138
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 75 Resp: 1137
Ion Ratio Lower Upper
75 100
77 50.8 25.6 38.4#





#56

Ethyl methacrylate

Concen: 1.954 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. -0.000 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

Instrument :

MSVOA_U

ClientSampleId :

VU0928

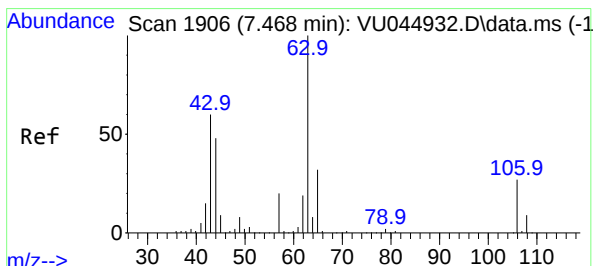
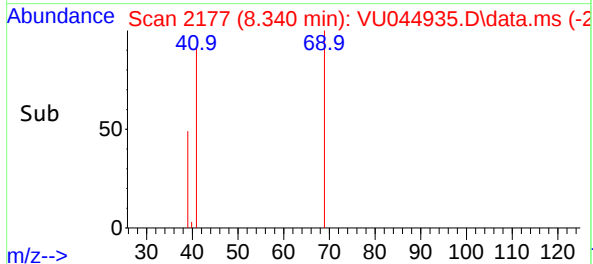
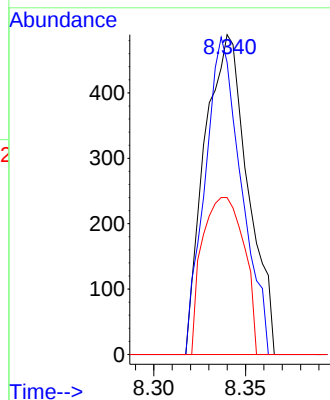
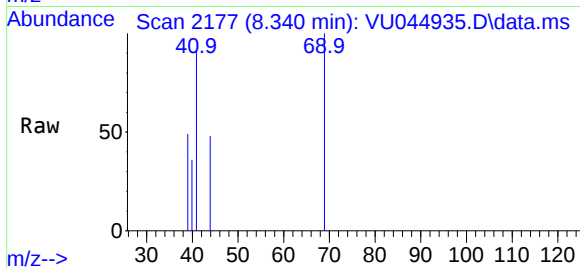
Tgt Ion: 69 Resp: 801

Ion Ratio Lower Upper

69 100

41 83.5 53.5 80.3#

39 47.2 31.1 46.7#



#58

2-Chloroethyl Vinyl ether

Concen: 22.092 ug/l

RT: 7.472 min Scan# 1907

Delta R.T. 0.004 min

Lab File: VU044935.D

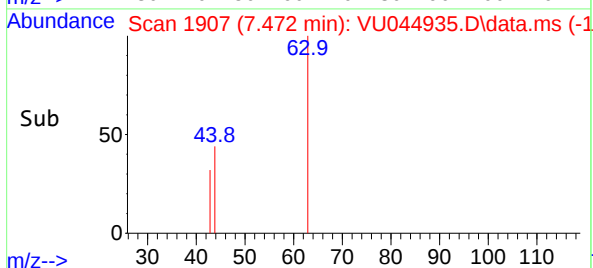
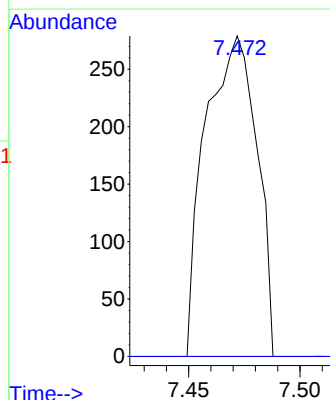
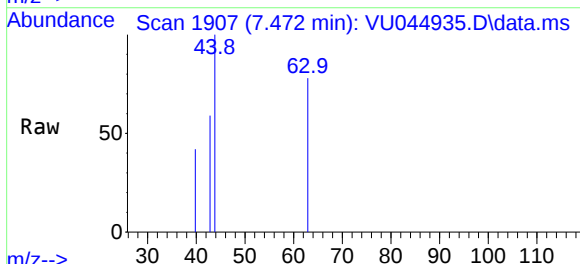
Acq: 28 Sep 2021 12:34

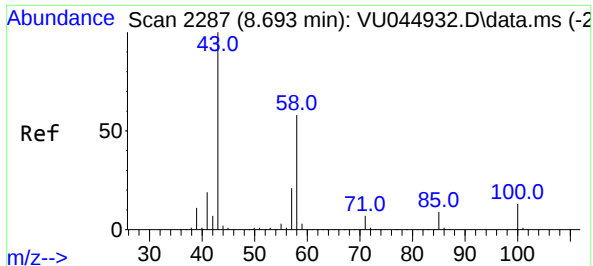
Tgt Ion: 63 Resp: 448

Ion Ratio Lower Upper

63 100

106 0.0 20.5 30.7#

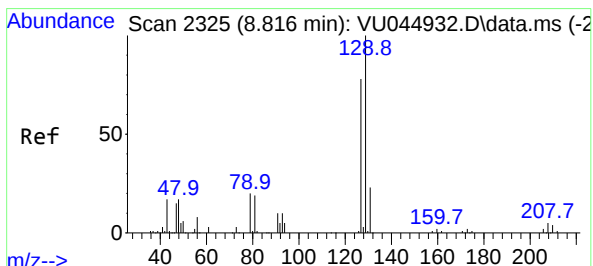
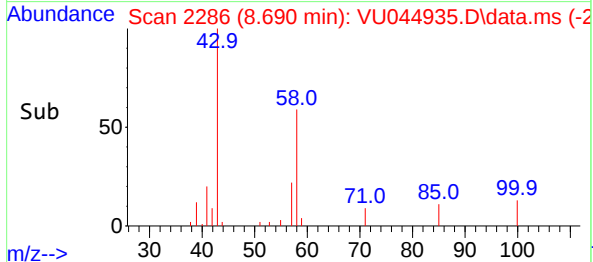
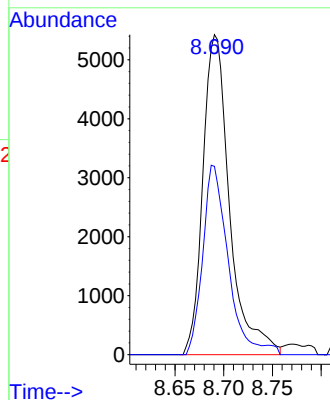
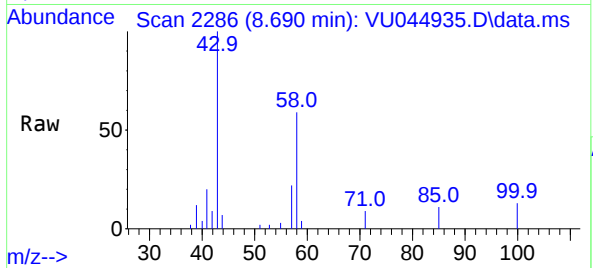




#59
2-Hexanone
Concen: 2.271 ug/l
RT: 8.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

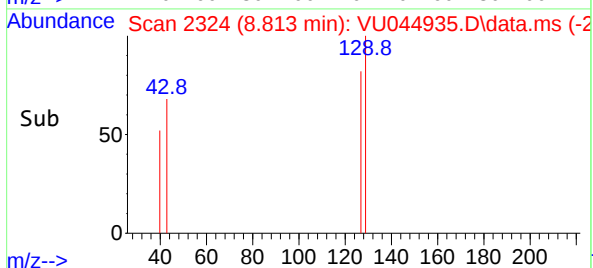
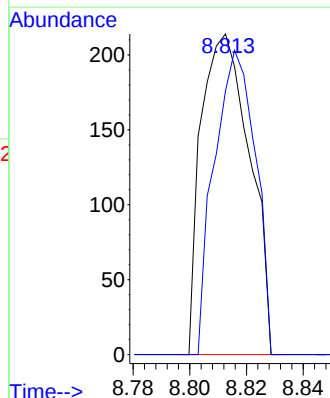
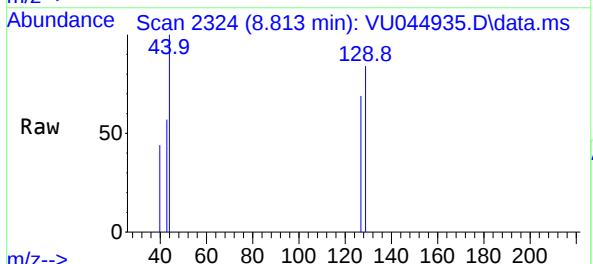
Instrument :
MSVOA_U
ClientSampleId :
VU0928

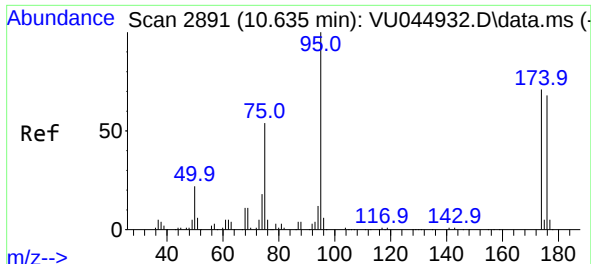
Tgt Ion: 43 Resp: 10329
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0



#60
Dibromochloromethane
Concen: 2.253 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 129 Resp: 254
Ion Ratio Lower Upper
129 100
127 80.3 39.0 117.0

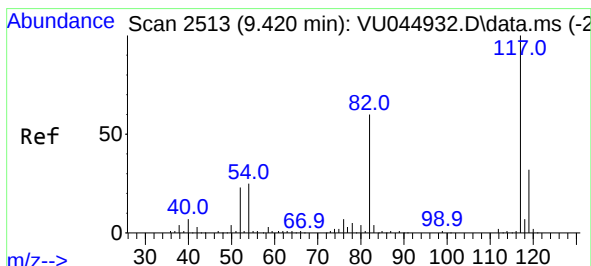
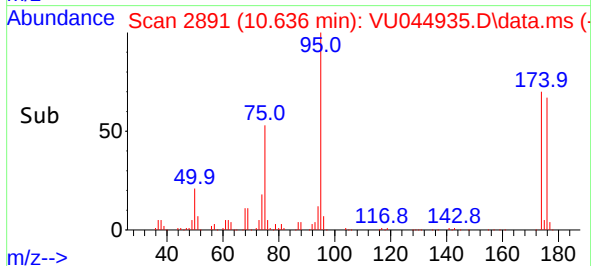
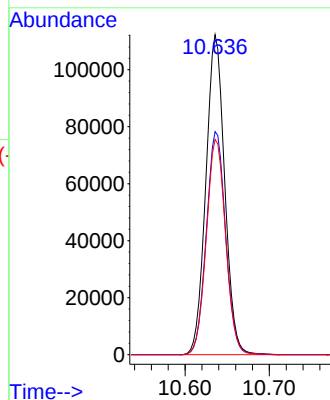
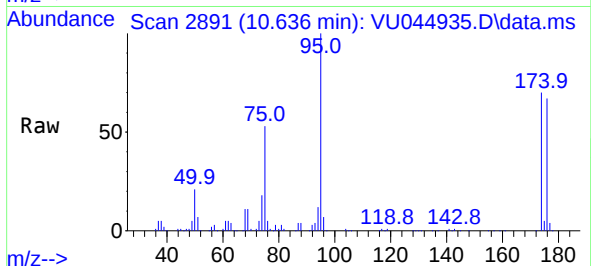




#62
4-Bromofluorobenzene
Concen: 46.051 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

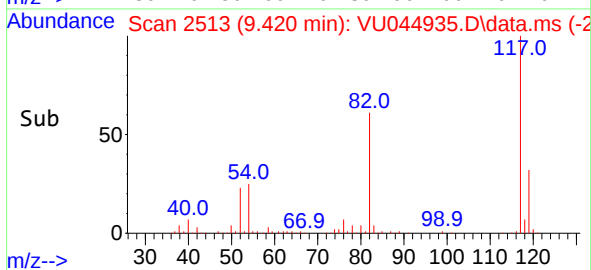
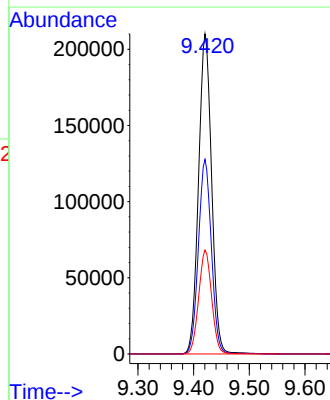
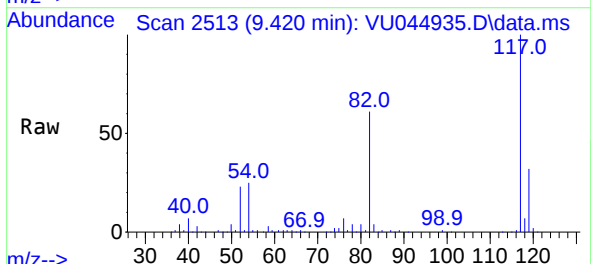
Instrument :
MSVOA_U
ClientSampleId :
VU0928

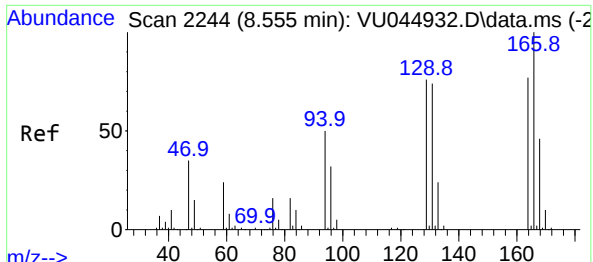
Tgt Ion: 95 Resp: 174672
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.6
176 68.8 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 117 Resp: 342027
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.5 25.8 38.6

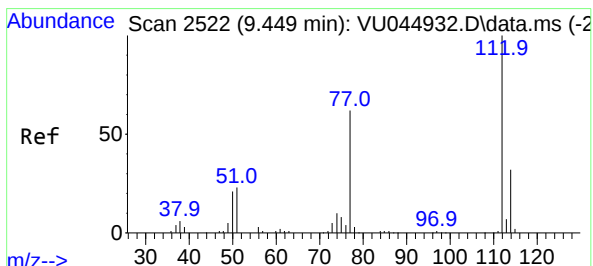
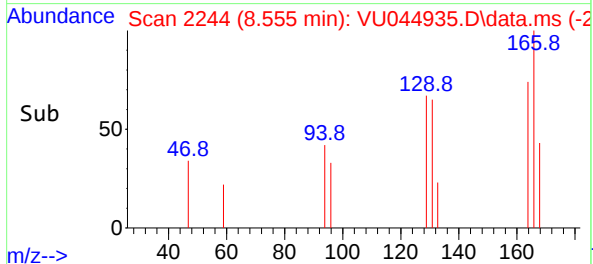
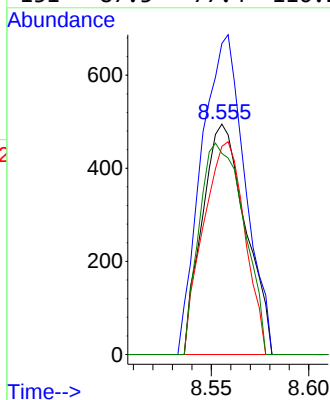
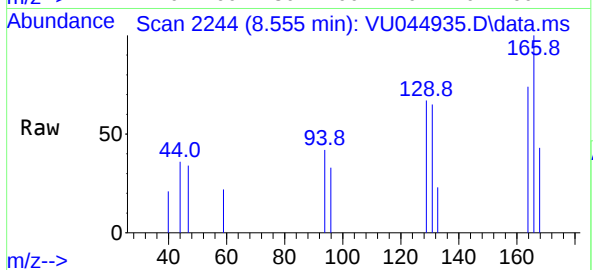




#64
Tetrachloroethene
Concen: 0.344 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

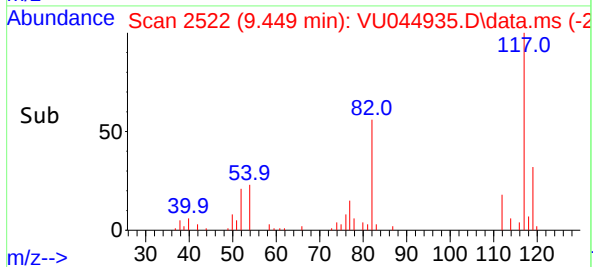
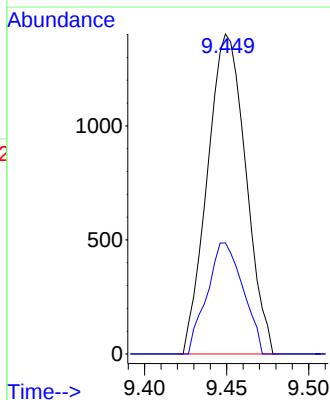
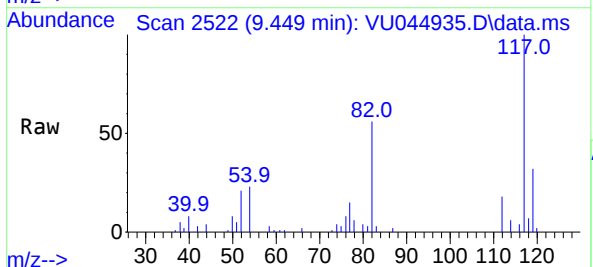
Instrument :
MSVOA_U
ClientSampleId :
VU0928

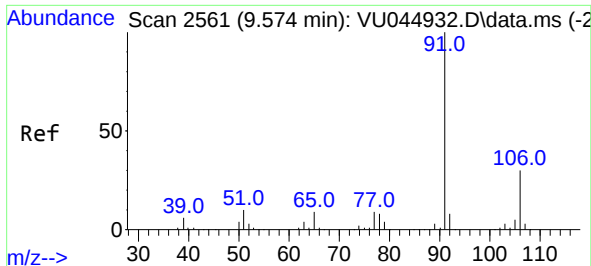
Tgt Ion:164 Resp: 767
Ion Ratio Lower Upper
164 100
166 134.9 102.8 154.2
129 90.3 79.4 119.2
131 87.3 77.4 116.2



#65
Chlorobenzene
Concen: 0.317 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion:112 Resp: 2275
Ion Ratio Lower Upper
112 100
114 34.7 25.9 38.9





#67

Ethyl Benzene

Concen: 0.271 ug/l

RT: 9.571 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

Instrument :

MSVOA_U

ClientSampleId :

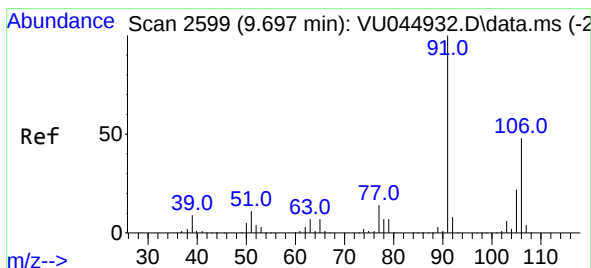
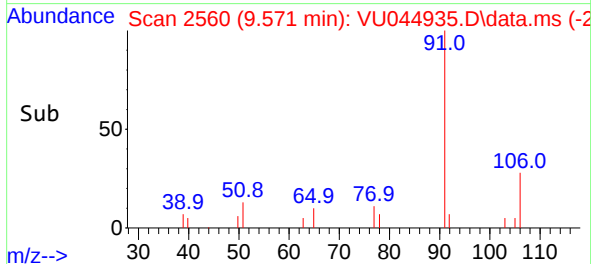
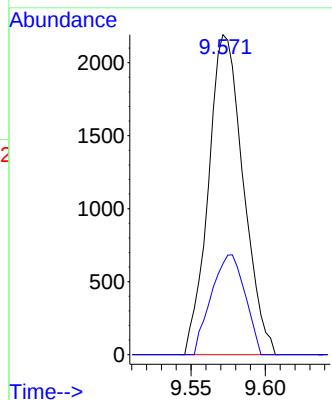
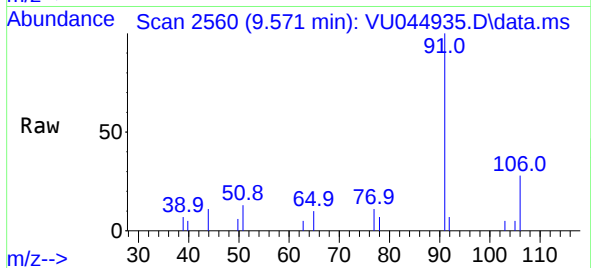
VU0928

Tgt Ion: 91 Resp: 3572

Ion Ratio Lower Upper

91 100

106 28.4 24.3 36.5



#68

m/p-Xylenes

Concen: 0.526 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.003 min

Lab File: VU044935.D

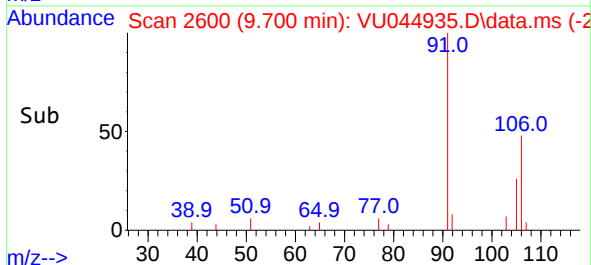
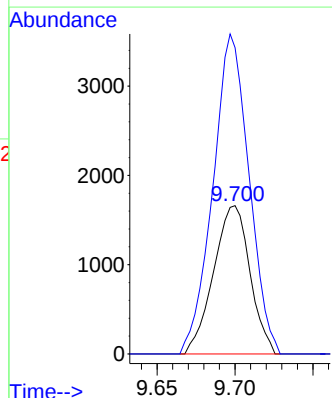
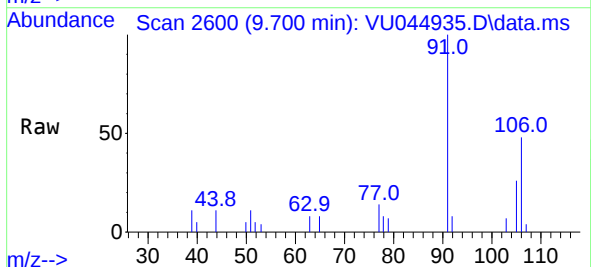
Acq: 28 Sep 2021 12:34

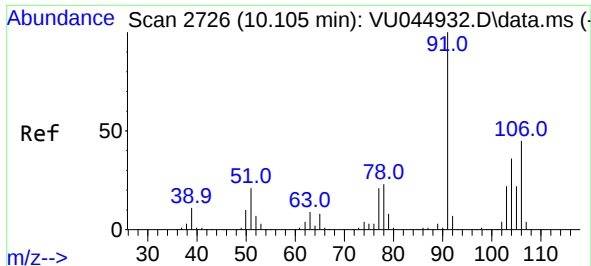
Tgt Ion:106 Resp: 2698

Ion Ratio Lower Upper

106 100

91 213.9 164.2 246.2

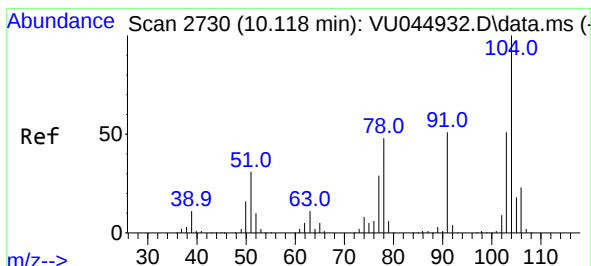
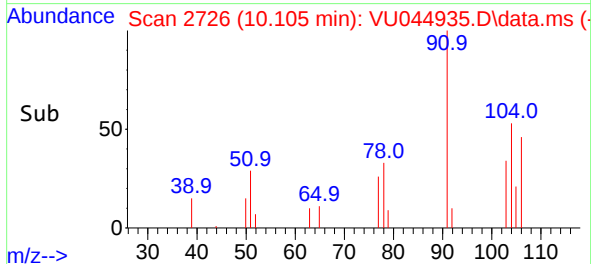
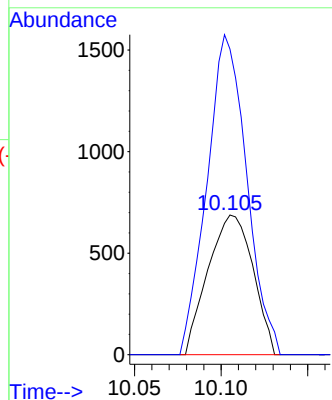
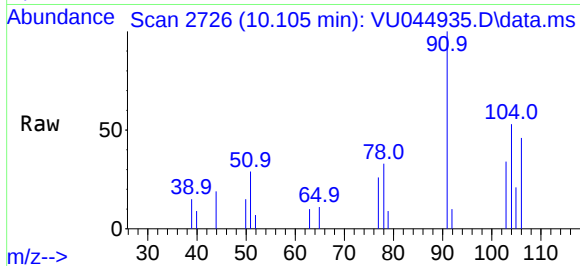




#69
o-Xylene
Concen: 0.244 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

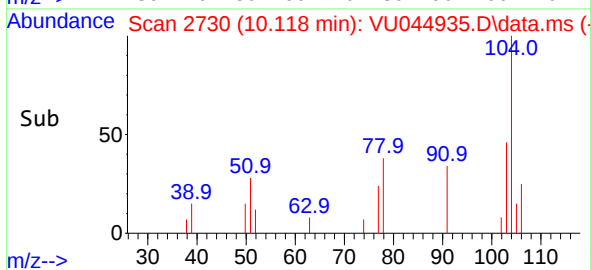
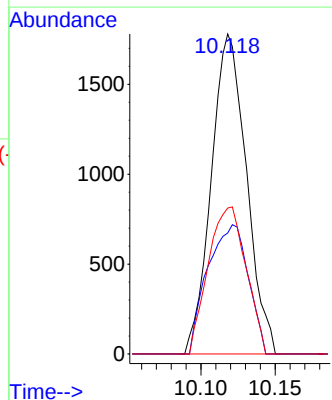
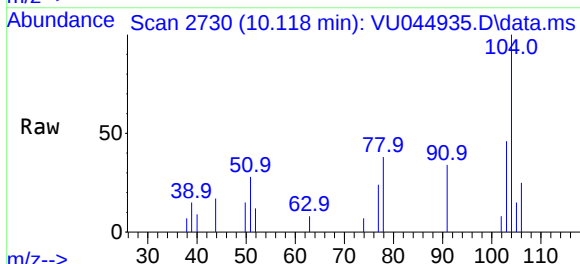
Instrument :
MSVOA_U
ClientSampleId :
VU0928

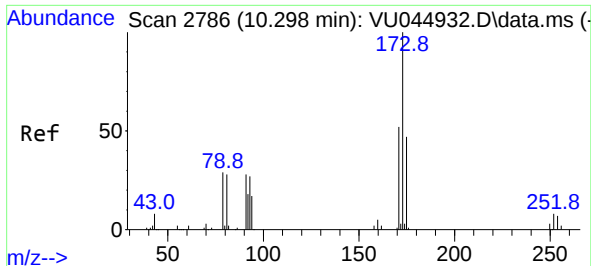
Tgt Ion:106 Resp: 1242
Ion Ratio Lower Upper
106 100
91 202.3 108.9 326.7



#70
Styrene
Concen: 0.343 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion:104 Resp: 2927
Ion Ratio Lower Upper
104 100
78 46.6 41.4 62.0
103 49.5 43.5 65.3

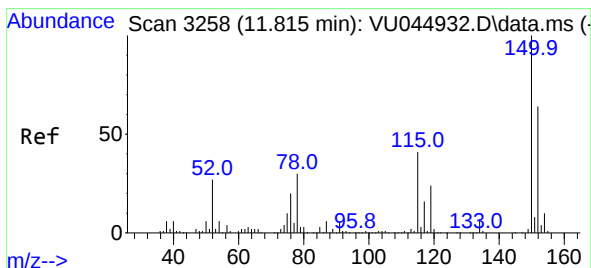
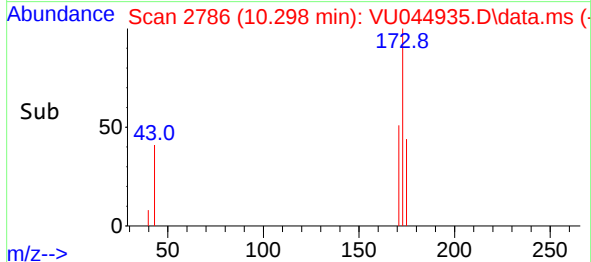
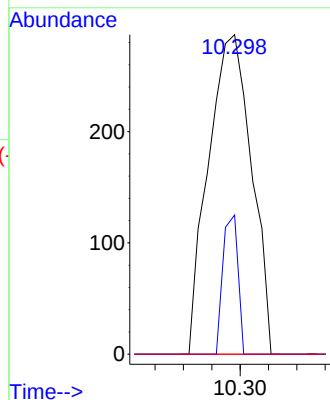
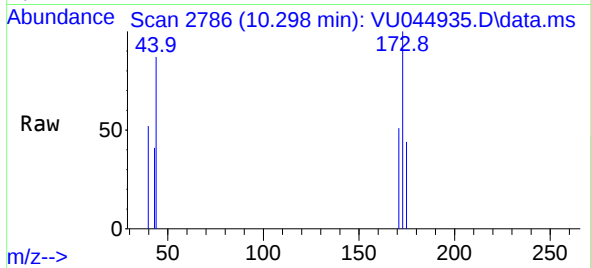




#71
Bromoform
Concen: 1.242 ug/l
RT: 10.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

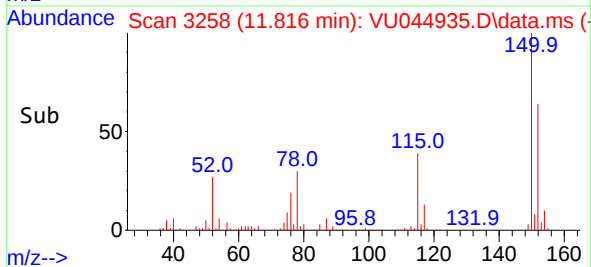
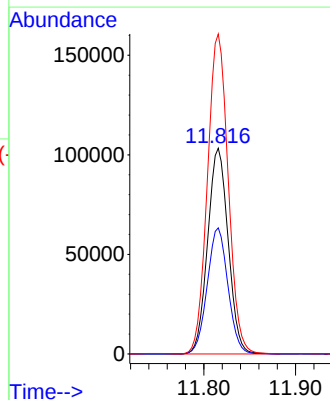
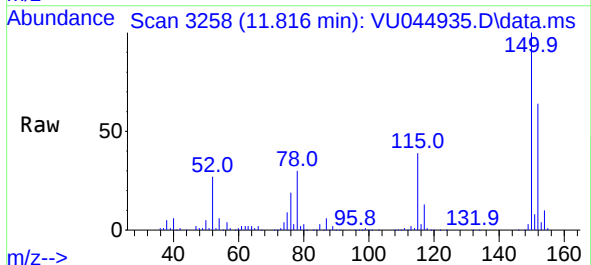
Instrument :
MSVOA_U
ClientSampleId :
VU0928

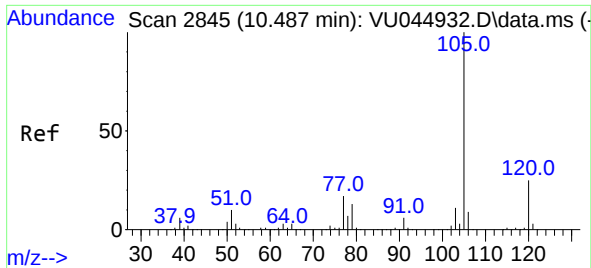
Tgt Ion:173 Resp: 303
Ion Ratio Lower Upper
173 100
175 15.2 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion:152 Resp: 160644
Ion Ratio Lower Upper
152 100
115 61.8 43.5 130.7
150 157.4 0.0 350.0

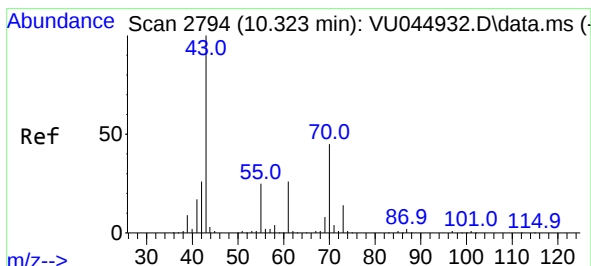
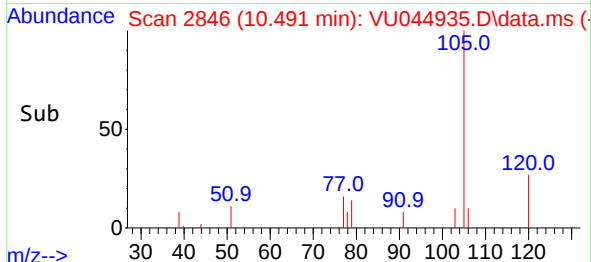
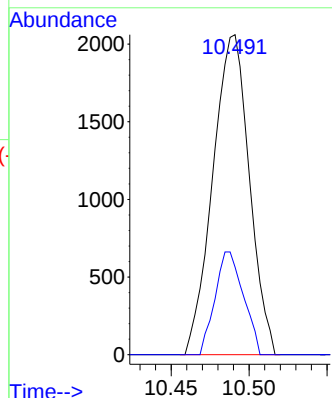
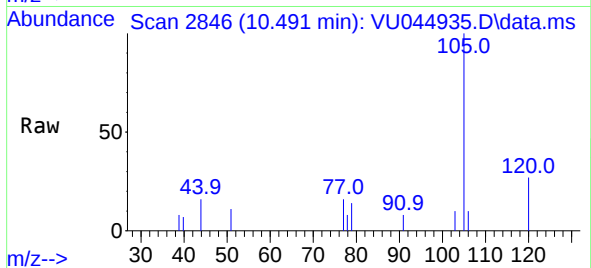




#73
Isopropylbenzene
Concen: 0.281 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.004 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

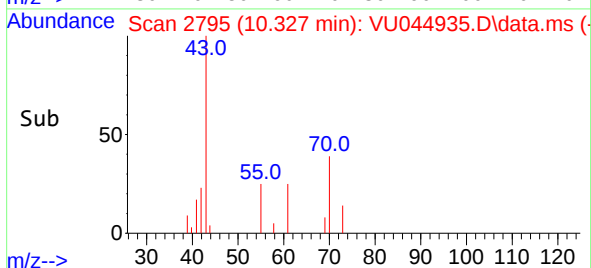
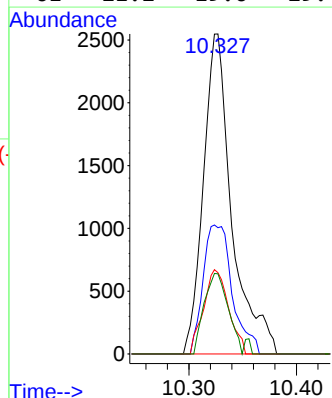
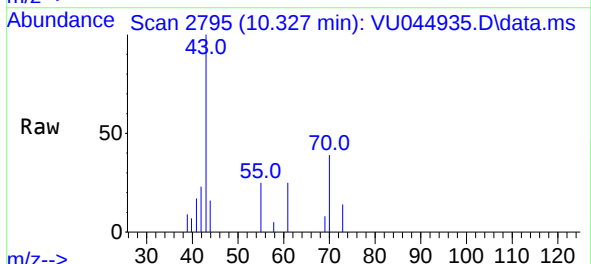
Instrument :
MSVOA_U
ClientSampleId :
VU0928

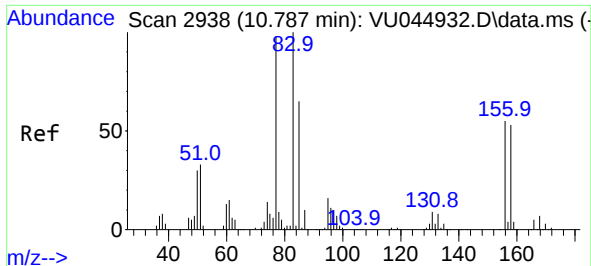
Tgt Ion:105 Resp: 3360
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3



#74
N-ethyl acetate
Concen: 0.777 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. 0.004 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 43 Resp: 4681
Ion Ratio Lower Upper
43 100
70 41.4 35.1 52.7
55 23.2 20.5 30.7
61 21.2 19.6 29.4

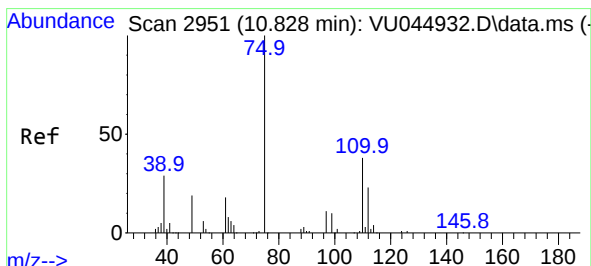
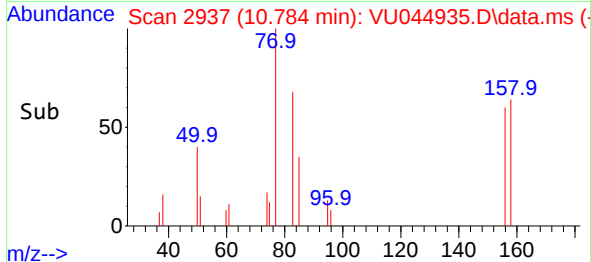
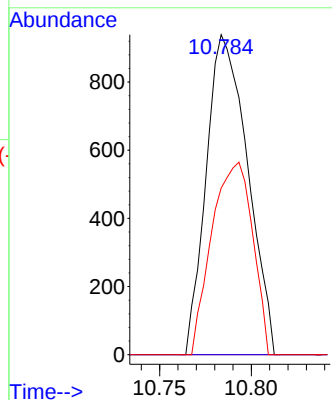
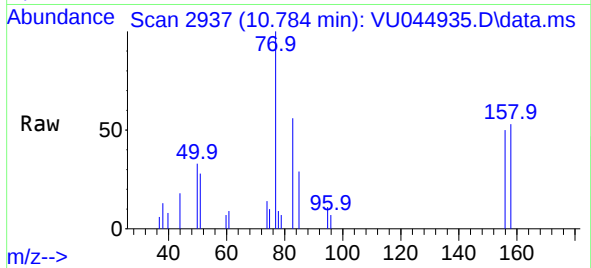




#75
1,1,2,2-Tetrachloroethane
Concen: 0.283 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

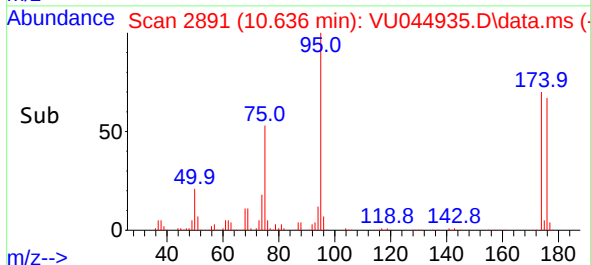
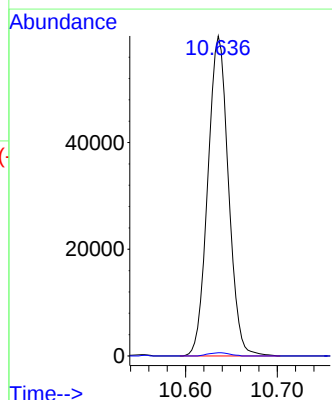
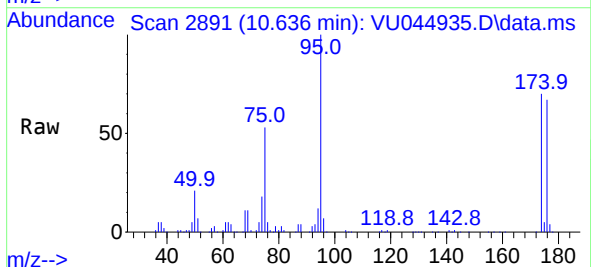
Instrument :
MSVOA_U
ClientSampleId :
VU0928

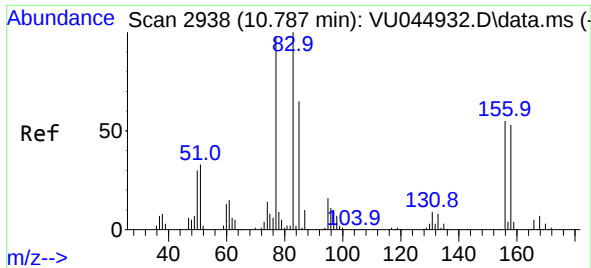
Tgt Ion: 83 Resp: 1467
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 59.4 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 20.012 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 75 Resp: 93770
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#

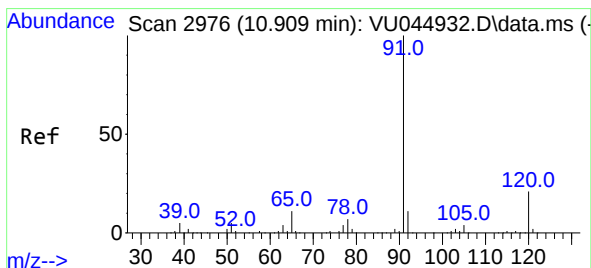
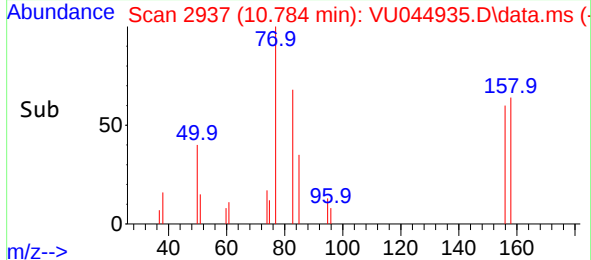
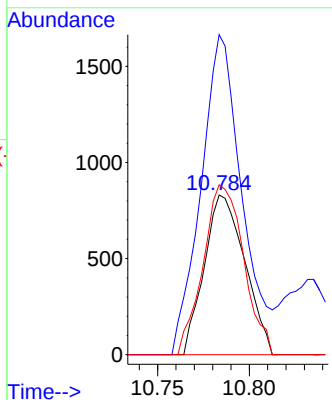
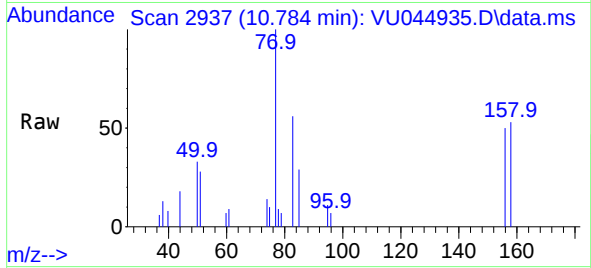




#77
Bromobenzene
Concen: 0.441 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

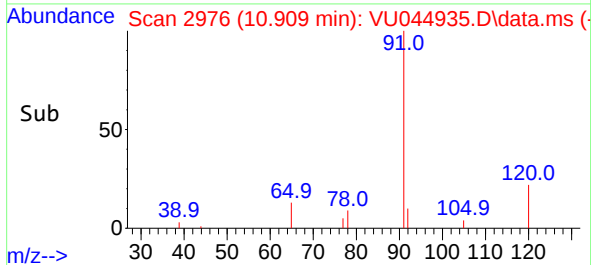
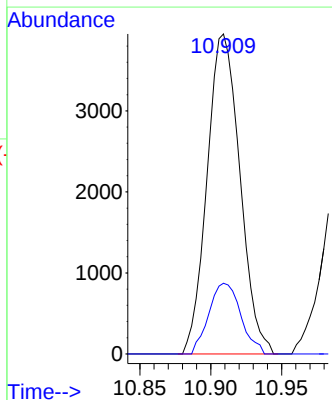
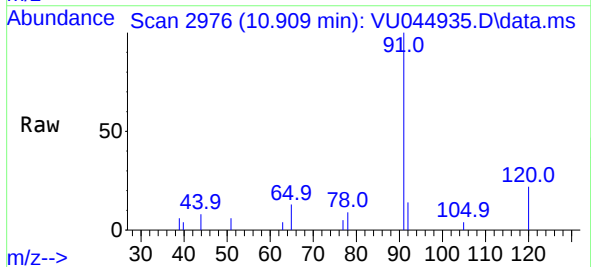
Instrument :
MSVOA_U
ClientSampleId :
VU0928

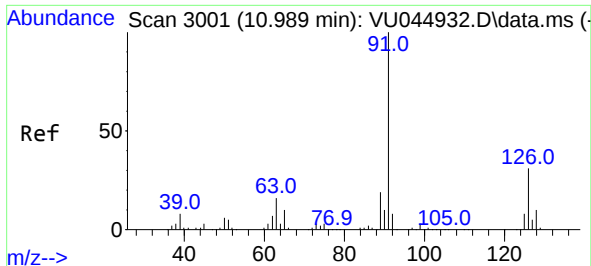
Tgt Ion:156 Resp: 1275
Ion Ratio Lower Upper
156 100
77 202.0 91.1 273.4
158 106.5 48.2 144.6



#78
n-propylbenzene
Concen: 0.436 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 91 Resp: 6363
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4

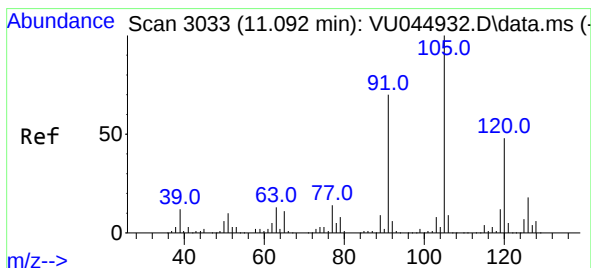
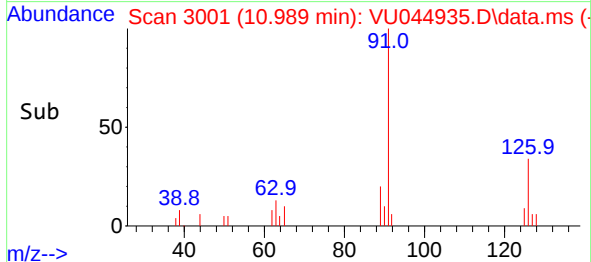
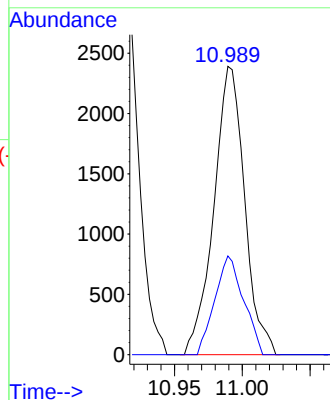
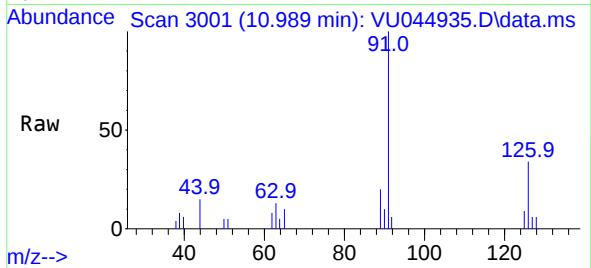




#79
 2-Chlorotoluene
 Concen: 0.413 ug/l
 RT: 10.989 min Scan# 3001
 Delta R.T. 0.000 min
 Lab File: VU044935.D
 Acq: 28 Sep 2021 12:34

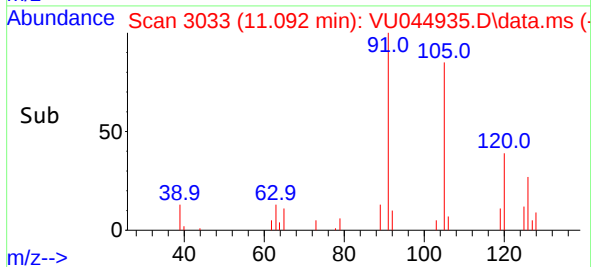
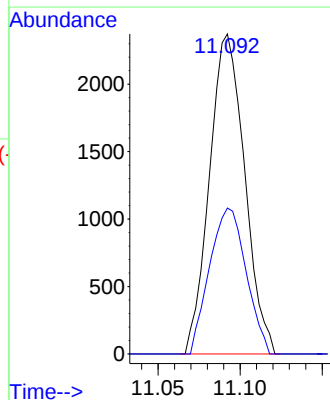
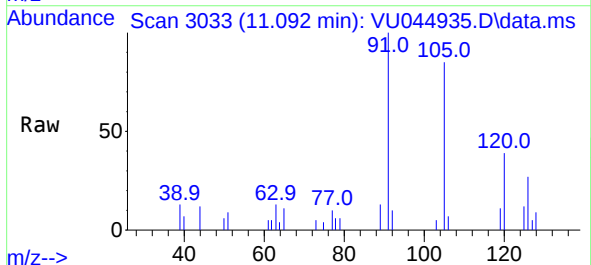
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928

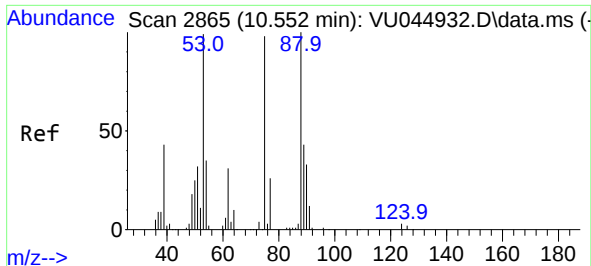
Tgt Ion: 91 Resp: 3776
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.337 ug/l
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.000 min
 Lab File: VU044935.D
 Acq: 28 Sep 2021 12:34

Tgt Ion: 105 Resp: 3530
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.2

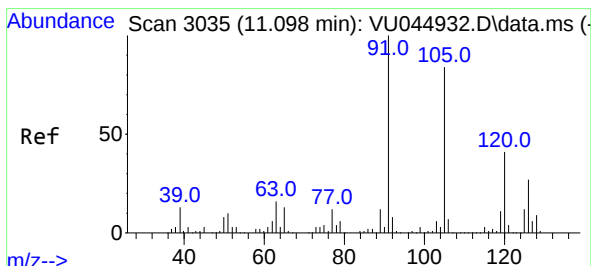
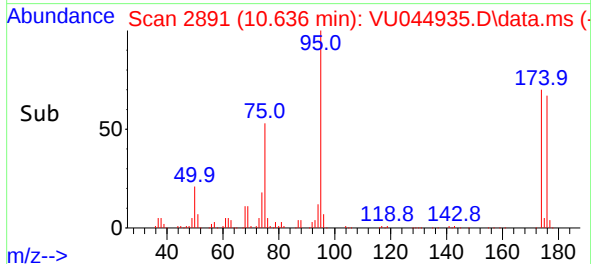
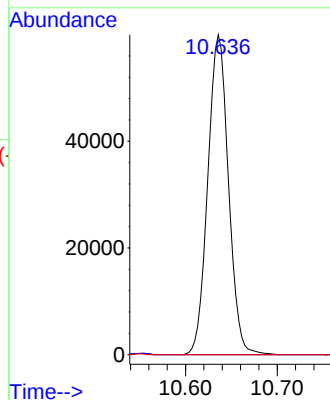
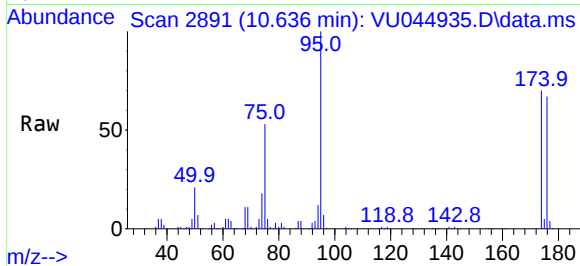




#81
trans-1,4-Dichloro-2-butene
Concen: 55.537 ug/l
RT: 10.636 min Scan# 2865
Delta R.T. 0.084 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

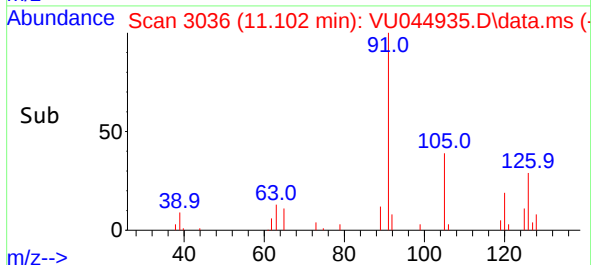
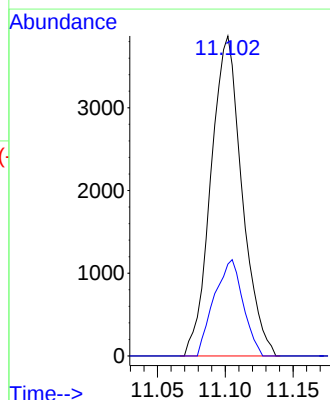
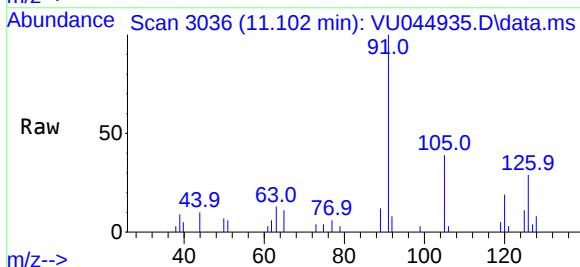
Instrument :
MSVOA_U
ClientSampleId :
VU0928

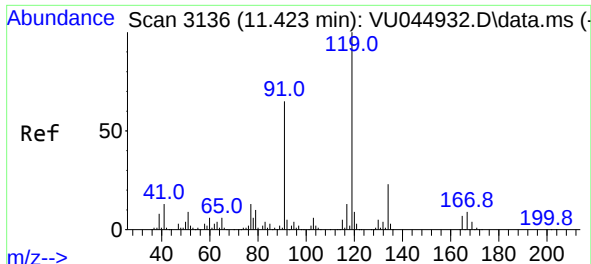
Tgt Ion: 75 Resp: 93770
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#82
4-Chlorotoluene
Concen: 0.599 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.004 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion: 91 Resp: 6182
Ion Ratio Lower Upper
91 100
126 27.8 13.8 41.4

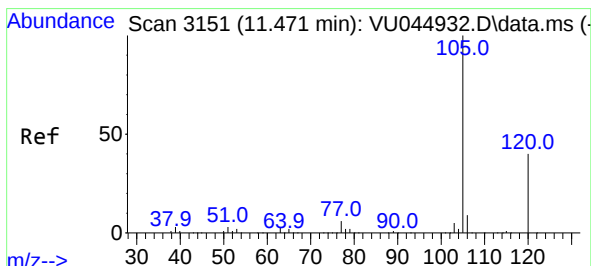
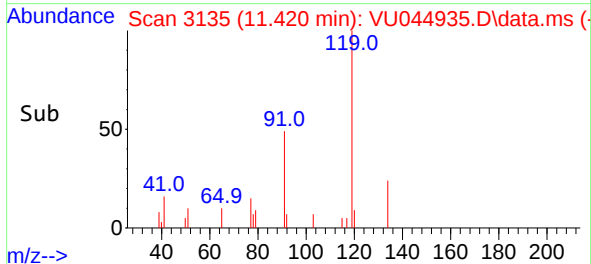
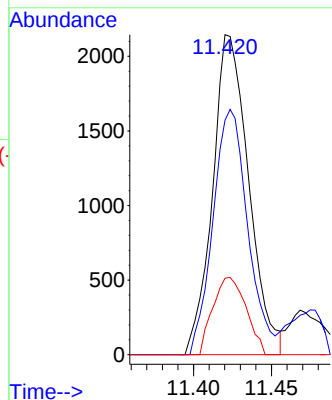
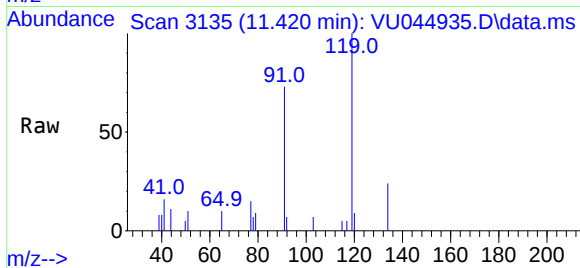




#83
tert-Butylbenzene
Concen: 0.339 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

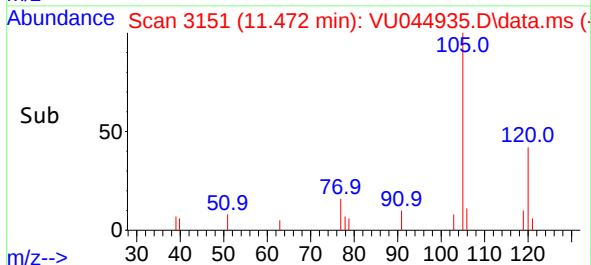
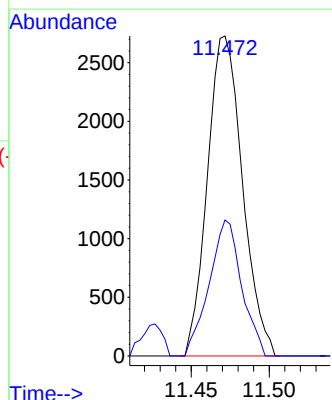
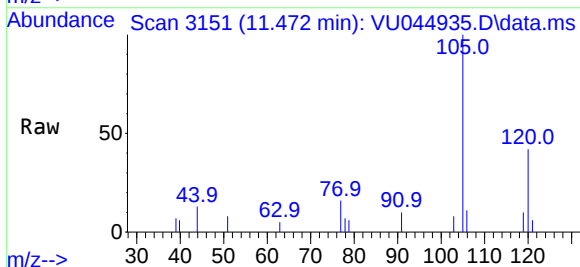
Instrument :
MSVOA_U
ClientSampleId :
VU0928

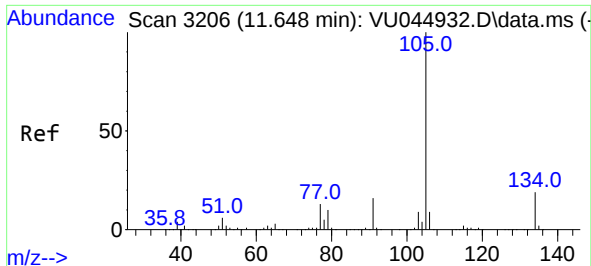
Tgt Ion:119 Resp: 3454
Ion Ratio Lower Upper
119 100
91 73.7 30.4 91.2
134 22.2 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 0.412 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion:105 Resp: 4275
Ion Ratio Lower Upper
105 100
120 39.2 22.4 67.3

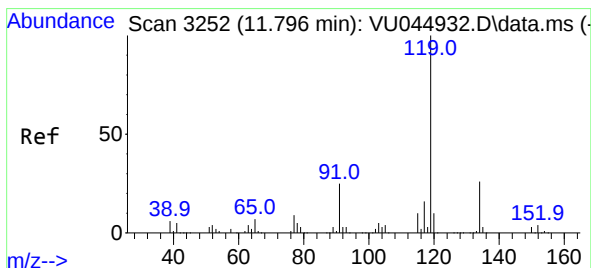
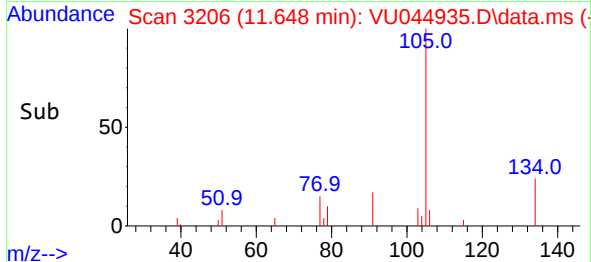
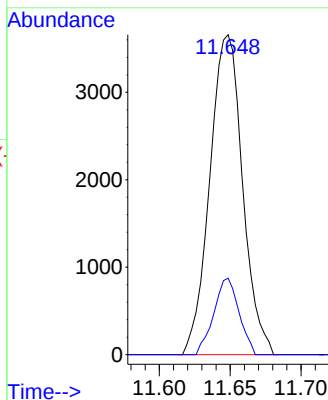
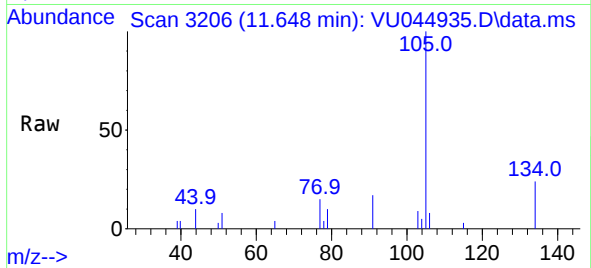




#85
 sec-Butylbenzene
 Concen: 0.449 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU044935.D
 Acq: 28 Sep 2021 12:34

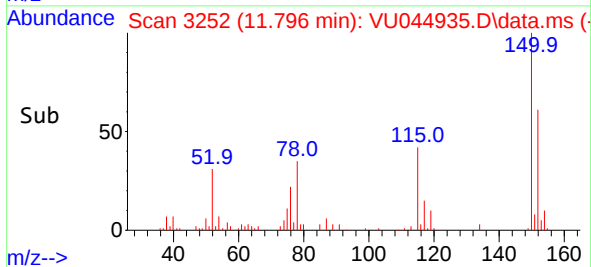
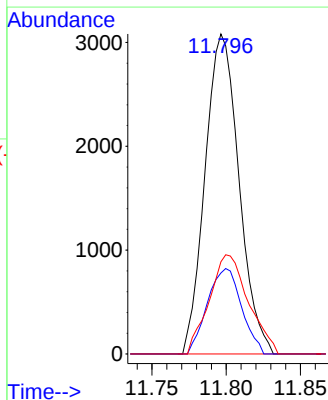
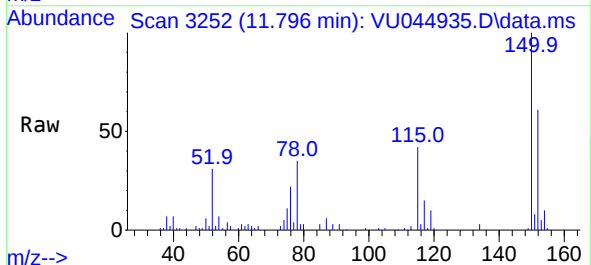
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0928

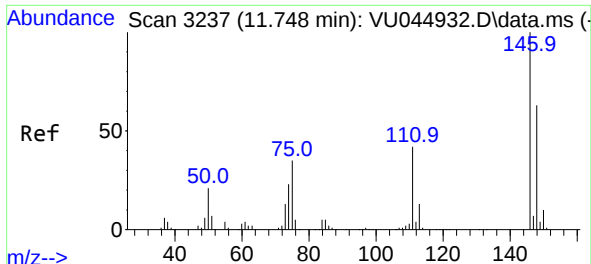
Tgt Ion:105 Resp: 5889
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 0.464 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044935.D
 Acq: 28 Sep 2021 12:34

Tgt Ion:119 Resp: 4900
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 35.8 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 0.795 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

Instrument :

MSVOA_U

ClientSampleId :

VU0928

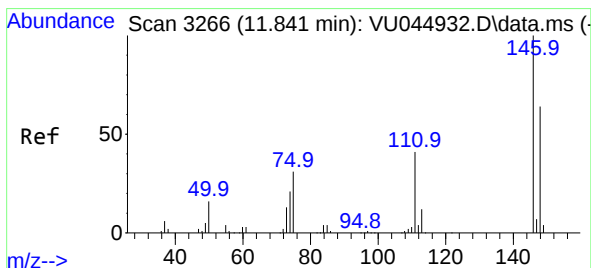
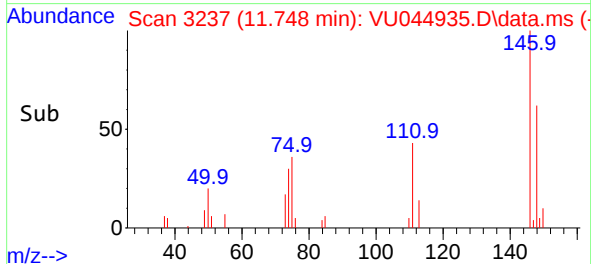
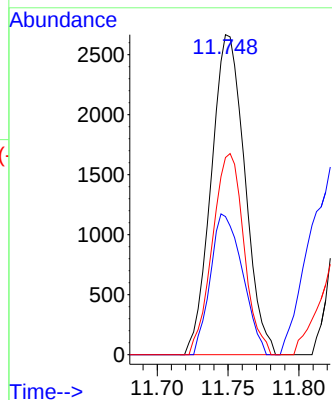
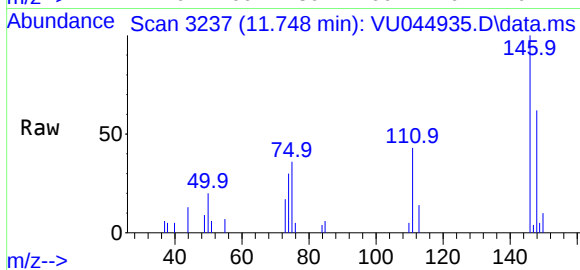
Tgt Ion:146 Resp: 4397

Ion Ratio Lower Upper

146 100

111 42.0 21.2 63.6

148 59.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 0.777 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.093 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

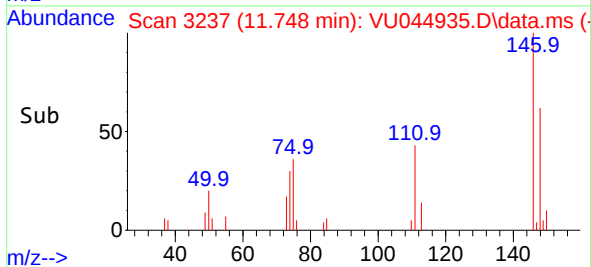
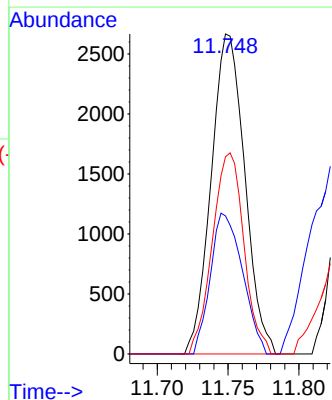
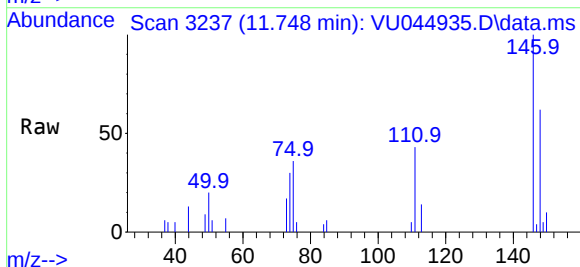
Tgt Ion:146 Resp: 4397

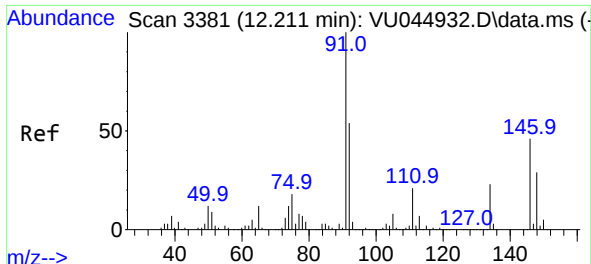
Ion Ratio Lower Upper

146 100

111 42.0 20.3 61.0

148 59.2 31.8 95.3

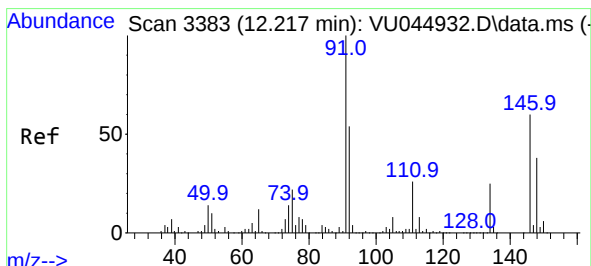
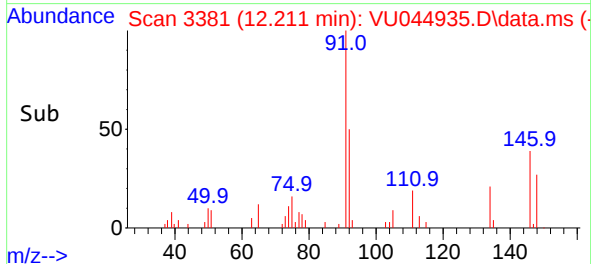
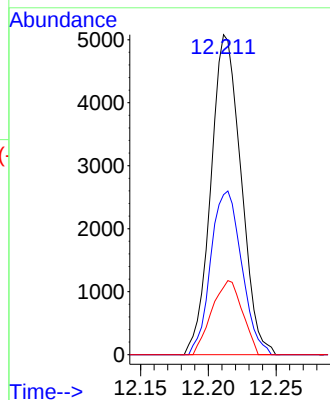
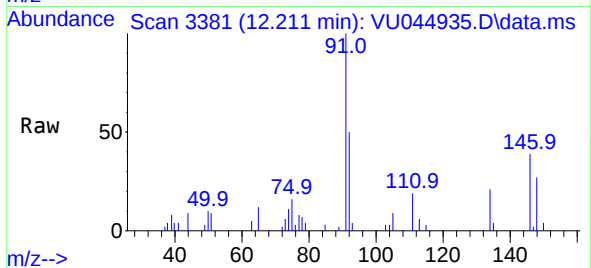




#89
n-Butylbenzene
Concen: 0.807 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

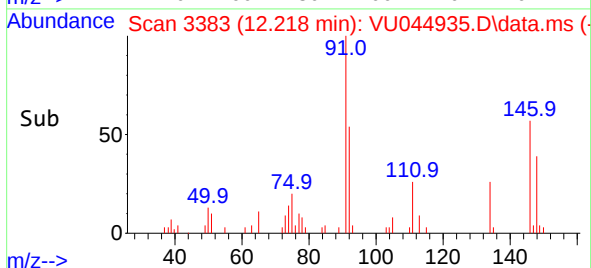
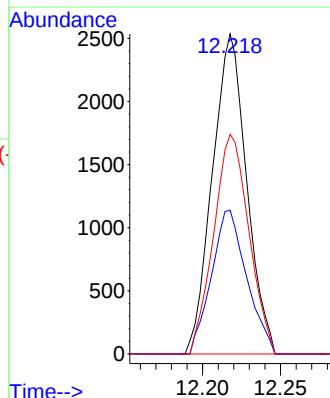
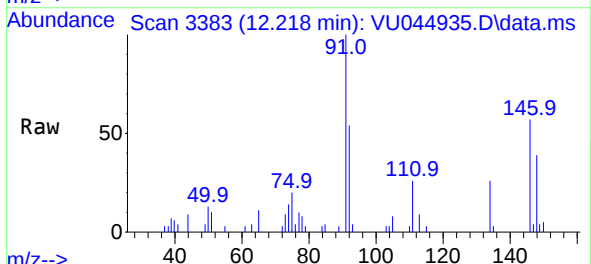
Instrument :
MSVOA_U
ClientSampleId :
VU0928

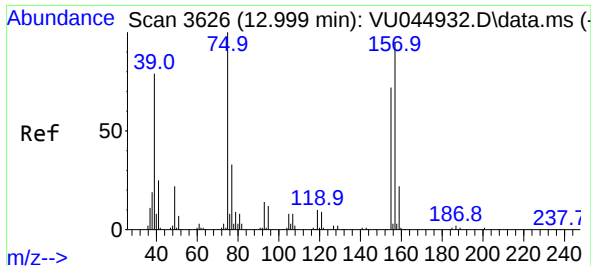
Tgt Ion:	91	Resp:	7846
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.8	80.4
134	23.5	11.8	35.4



#91
1,2-Dichlorobenzene
Concen: 0.685 ug/l
RT: 12.218 min Scan# 3383
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Tgt Ion:	146	Resp:	3873
Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.4	64.3
148	70.6	31.8	95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.093 ug/l

RT: 13.002 min Scan# 3627

Delta R.T. 0.003 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

Instrument :

MSVOA_U

ClientSampleId :

VU0928

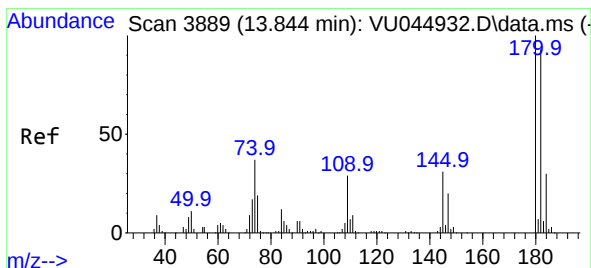
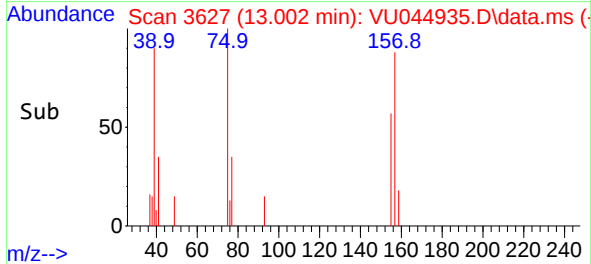
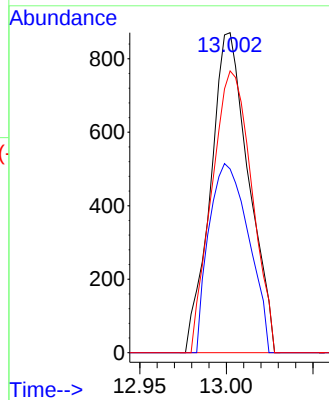
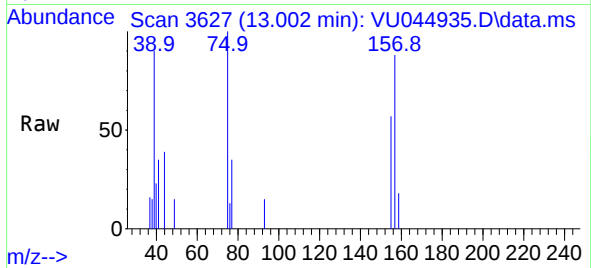
Tgt Ion: 75 Resp: 1335

Ion Ratio Lower Upper

75 100

155 61.5 36.9 110.6

157 92.4 47.8 143.3



#93

1,2,4-Trichlorobenzene

Concen: 2.376 ug/l

RT: 13.845 min Scan# 3889

Delta R.T. 0.001 min

Lab File: VU044935.D

Acq: 28 Sep 2021 12:34

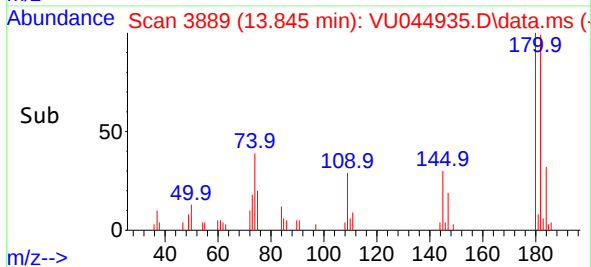
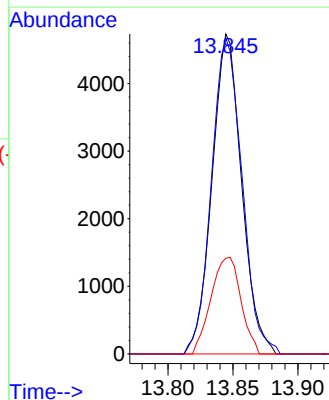
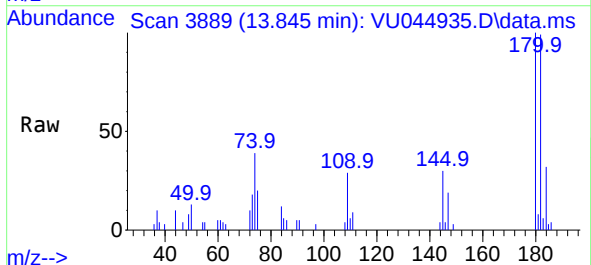
Tgt Ion: 180 Resp: 7487

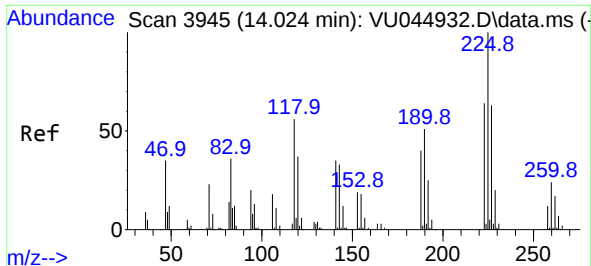
Ion Ratio Lower Upper

180 100

182 101.7 47.4 142.3

145 30.6 15.4 46.2

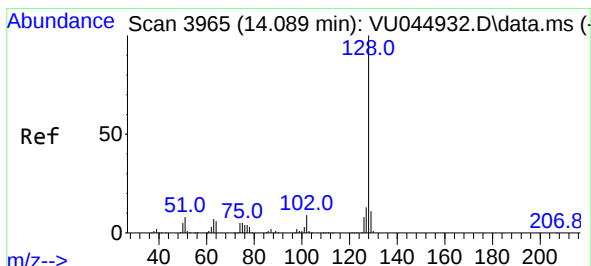
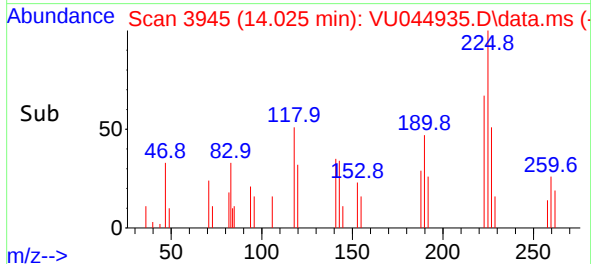
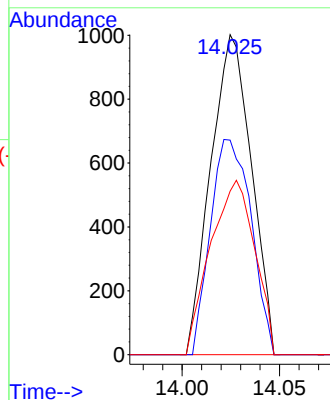
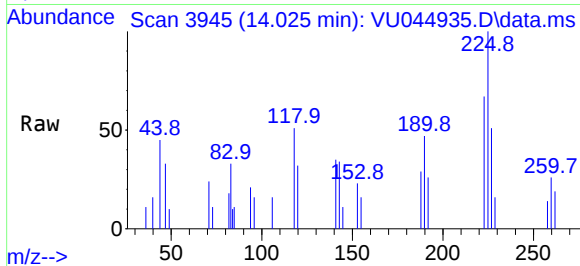




#94
Hexachlorobutadiene
Concen: 1.107 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.001 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

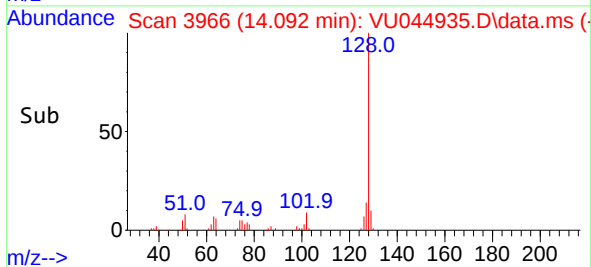
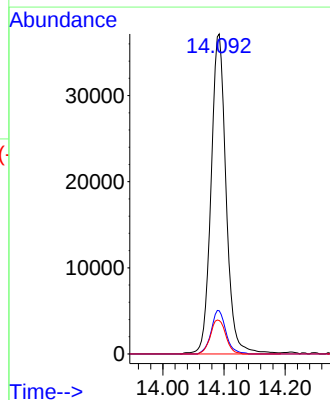
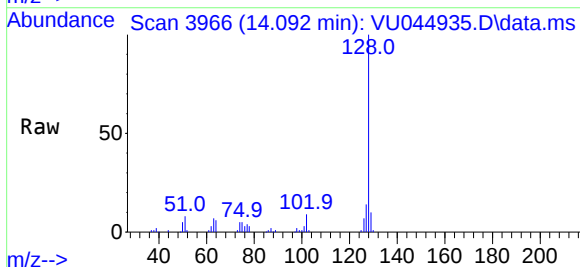
Instrument :
MSVOA_U
ClientSampleId :
VU0928

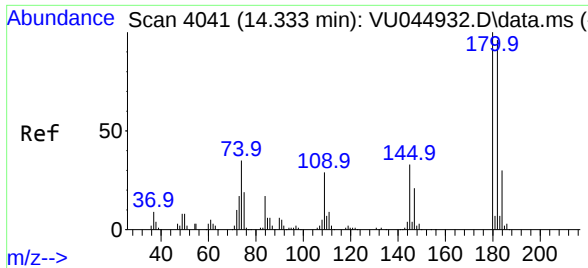
Tgt Ion:	225	Resp:	1456
Ion	Ratio	Lower	Upper
225	100		
223	67.2	31.1	93.3
227	59.4	31.4	94.3



#95
Naphthalene
Concen: 5.362 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

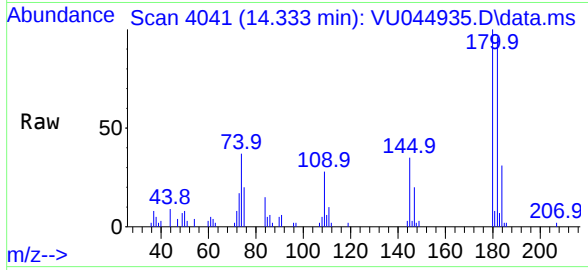
Tgt Ion:	128	Resp:	63557
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.8	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 3.077 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044935.D
Acq: 28 Sep 2021 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU0928



Tgt Ion:	180	Resp:	9740
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.1	141.4
145	33.1	16.4	49.2

