

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044906.D
 Acq On : 27 Sep 2021 23:10
 Operator : SY/MD
 Sample : VU0927WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0927WBL02

Quant Time: Sep 28 06:29:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

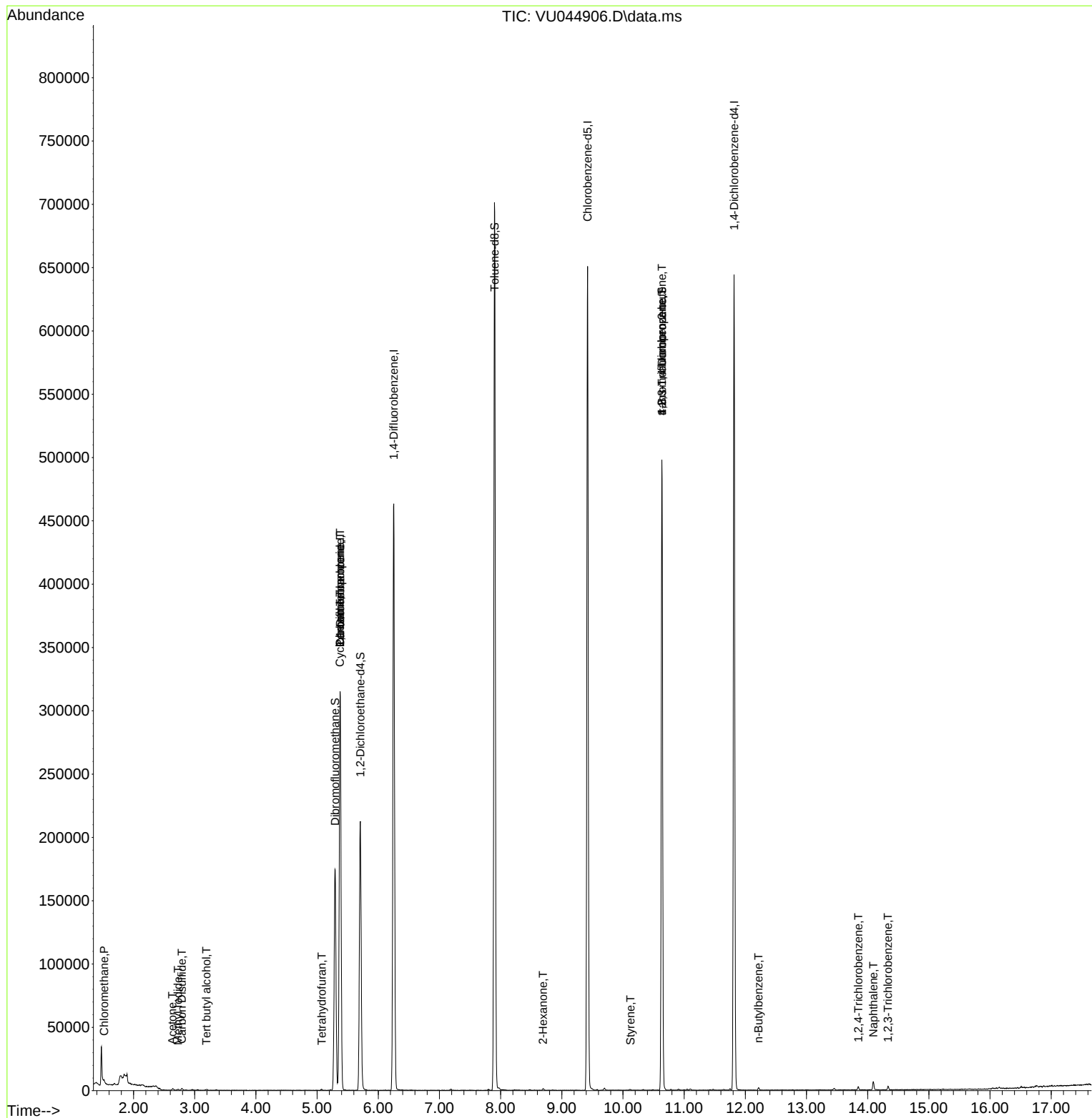
Internal Standards						
1) Pentafluorobenzene	5.376	168	204739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358680	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.421	117	331743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	154892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	160179	44.827	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.660%	
35) Dibromofluoromethane	5.295	113	110062	44.730	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.460%	
50) Toluene-d8	7.900	98	450648	48.493	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.980%	
62) 4-Bromofluorobenzene	10.636	95	164336	47.610	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.220%	
Target Compounds						Qvalue
3) Chloromethane	1.521	50	1065	0.286	ug/l #	81
5) Bromomethane	1.845	94	945	Below Cal		93
6) Chloroethane	1.939	64	195	Below Cal	#	64
10) Methyl Iodide	2.729	142	834	0.308	ug/l #	65
11) Tert butyl alcohol	3.189	59	436	0.418	ug/l #	72
16) Acetone	2.636	43	1347	0.668	ug/l #	82
17) Carbon Disulfide	2.791	76	1959	0.282	ug/l #	95
29) Tetrahydrofuran	5.077	42	425	0.221	ug/l #	83
31) Cyclohexane	5.372	56	5344	1.042	ug/l #	4
36) 1,1-Dichloropropene	5.376	75	18793	4.938	ug/l #	50
38) Carbon Tetrachloride	5.376	117	21228	6.239	ug/l #	15
59) 2-Hexanone	8.691	43	1103	0.247	ug/l	83
70) Styrene	10.121	104	312	1.047	ug/l #	83
76) 1,2,3-Trichloropropane	10.636	75	89850	19.156	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	89850	62.056	ug/l #	9
89) n-Butylbenzene	12.215	91	919	1.368	ug/l	80
93) 1,2,4-Trichlorobenzene	13.848	180	1067	0.357	ug/l	91
95) Naphthalene	14.092	128	5918	1.432	ug/l	97
96) 1,2,3-Trichlorobenzene	14.330	180	1107	0.365	ug/l	91

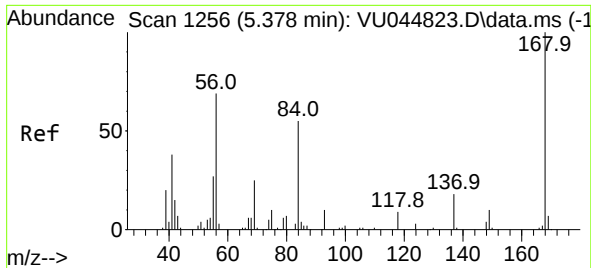
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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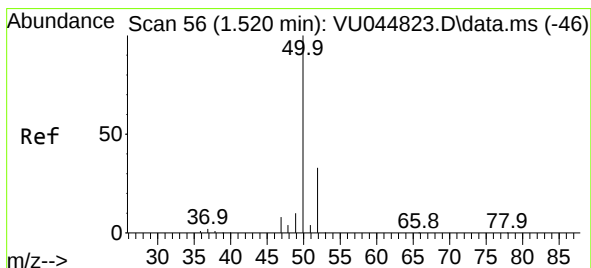
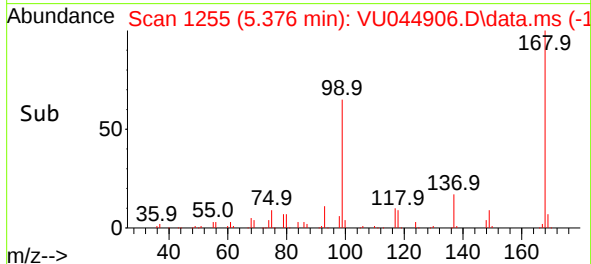
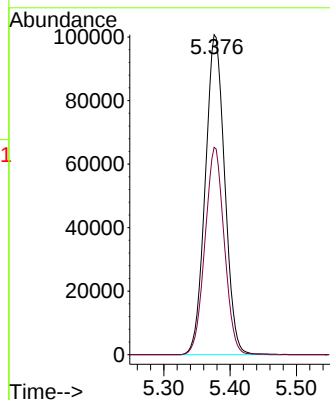
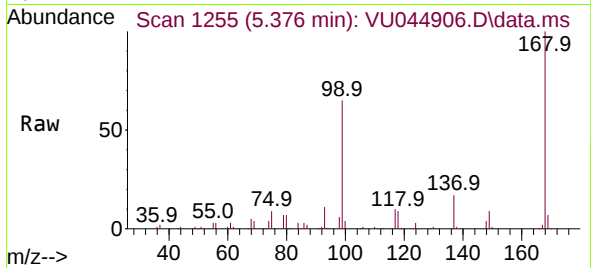




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. -0.002 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

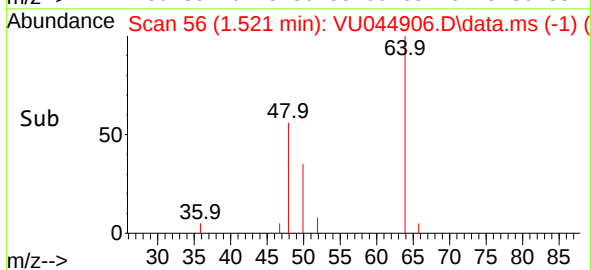
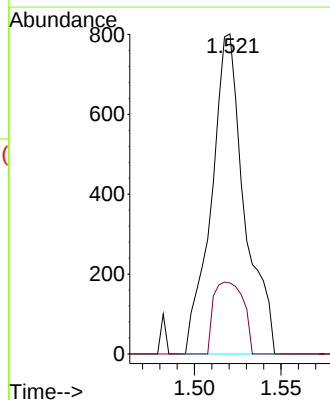
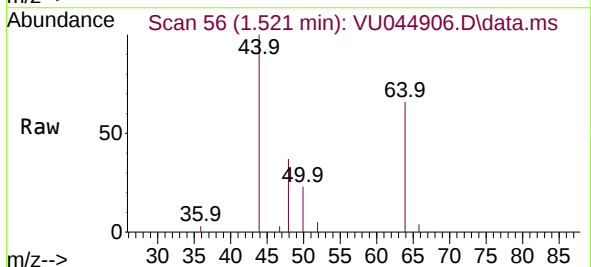
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL02

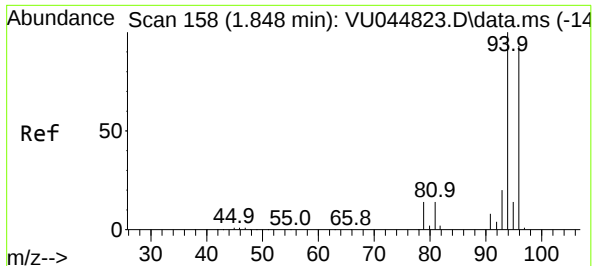
Tgt Ion:168 Resp: 204739
Ion Ratio Lower Upper
168 100
99 64.8 51.4 77.0



#3
Chloromethane
Concen: 0.286 ug/l
RT: 1.521 min Scan# 56
Delta R.T. 0.001 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

Tgt Ion: 50 Resp: 1065
Ion Ratio Lower Upper
50 100
52 22.2 26.3 39.5#

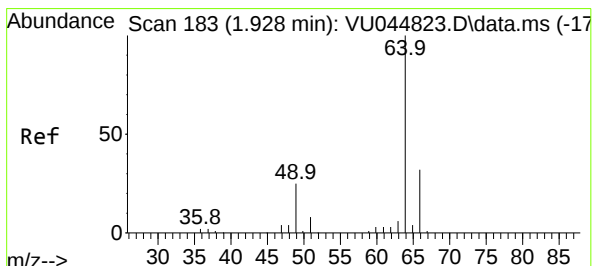
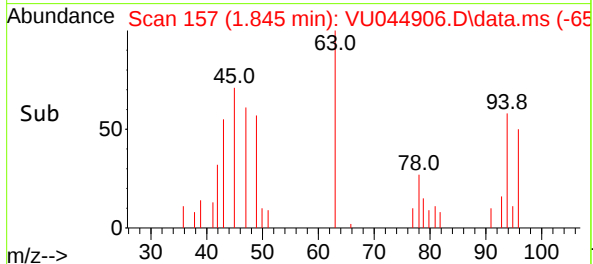
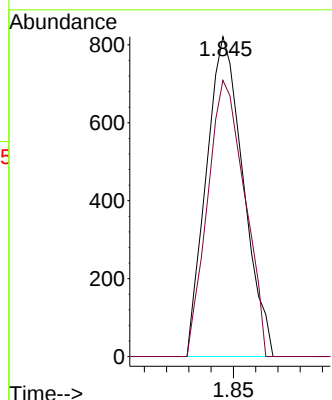
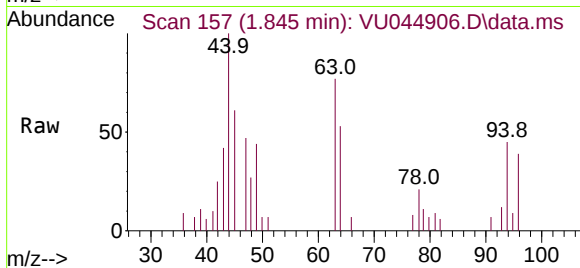




#5
Bromomethane
Concen: Below Cal
RT: 1.845 min Scan# 157
Delta R.T. -0.003 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

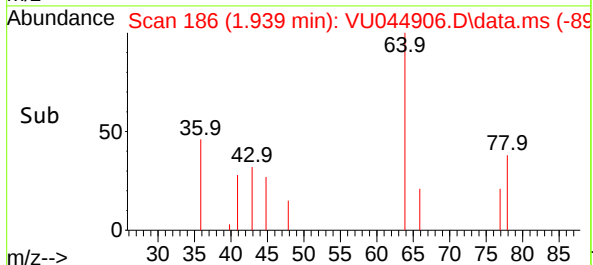
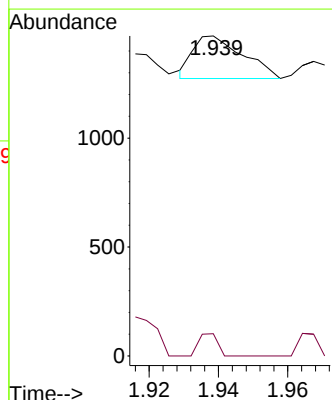
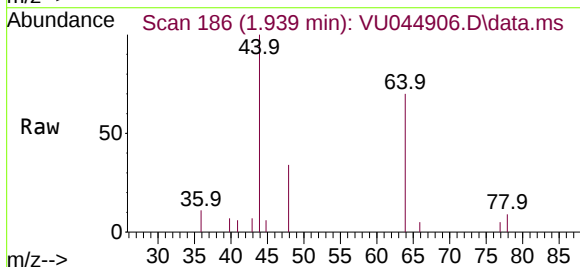
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL02

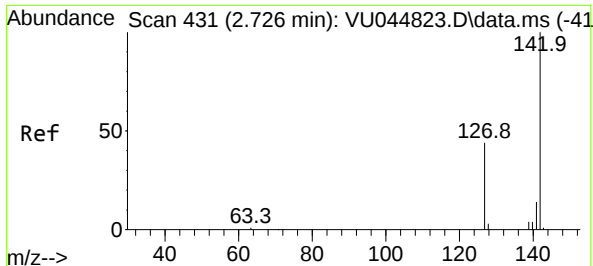
Tgt Ion: 94 Resp: 945
Ion Ratio Lower Upper
94 100
96 86.4 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.939 min Scan# 186
Delta R.T. 0.011 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

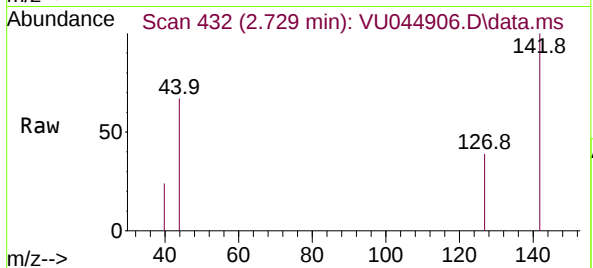
Tgt Ion: 64 Resp: 195
Ion Ratio Lower Upper
64 100
66 52.3 25.8 38.8#



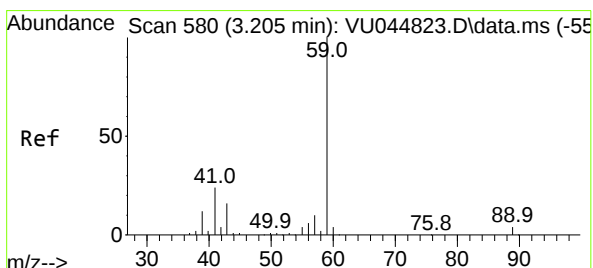
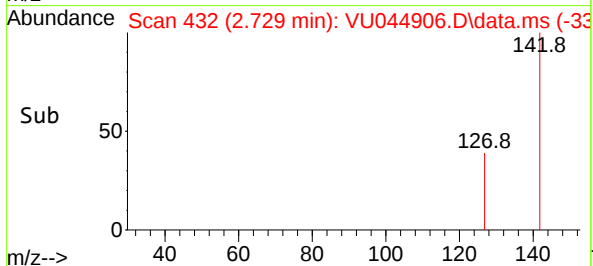
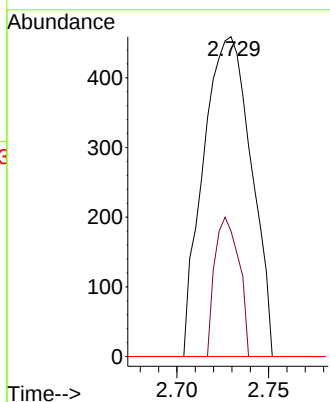


#10
Methyl Iodide
Concen: 0.308 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.004 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL02

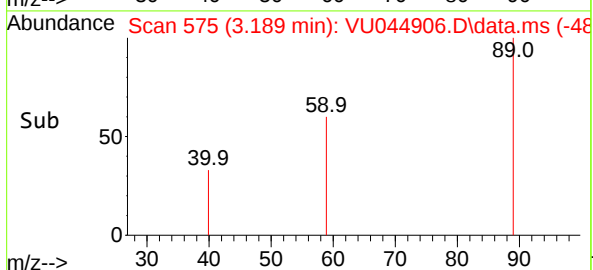
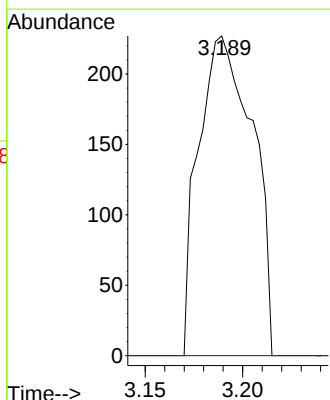
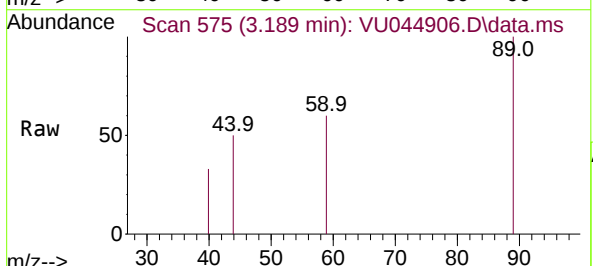


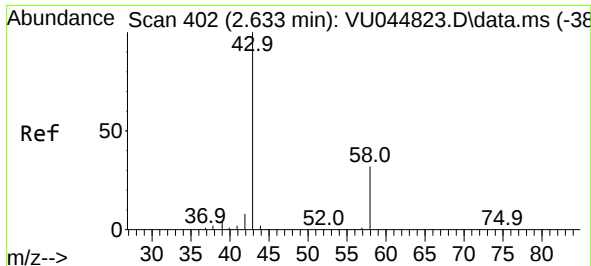
Tgt Ion:142 Resp: 834
Ion Ratio Lower Upper
142 100
127 21.9 35.6 53.4#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.418 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.016 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

Tgt Ion: 59 Resp: 436
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

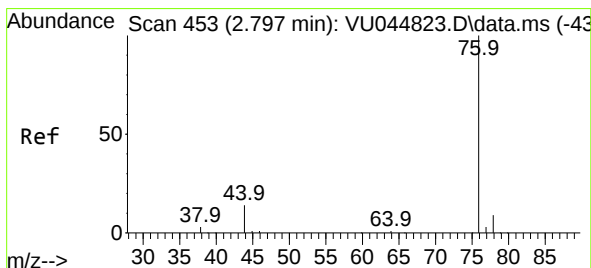
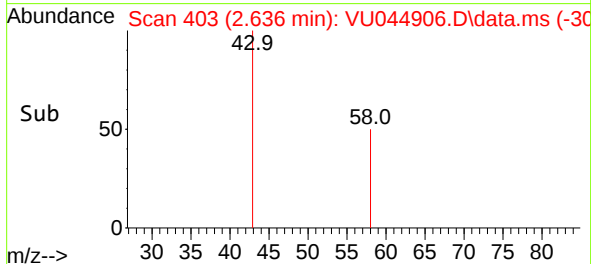
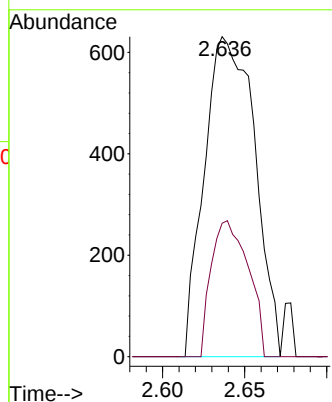
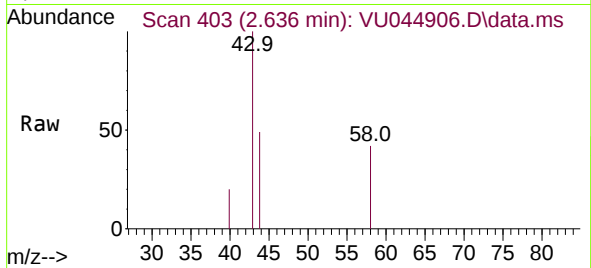




#16
Acetone
Concen: 0.668 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

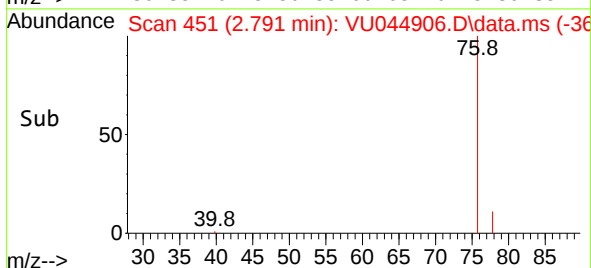
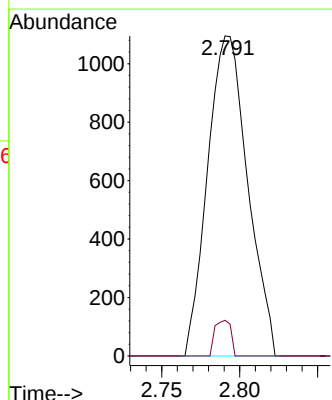
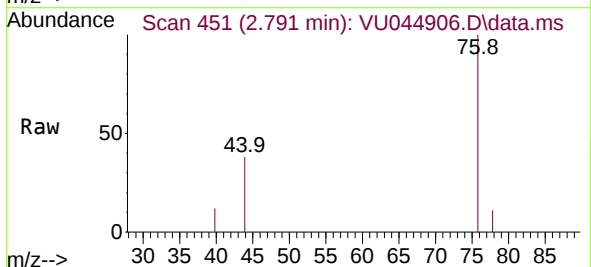
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL02

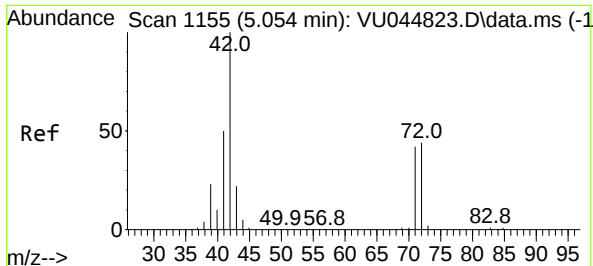
Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 41.7 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 2.791 min Scan# 451
Delta R.T. -0.006 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

Tgt Ion: 76 Resp: 1959
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0#





#29

Tetrahydrofuran

Concen: 0.221 ug/l

RT: 5.077 min Scan# 1162

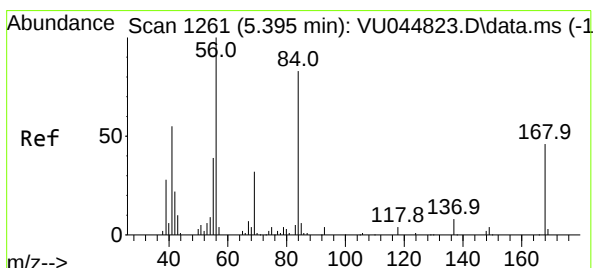
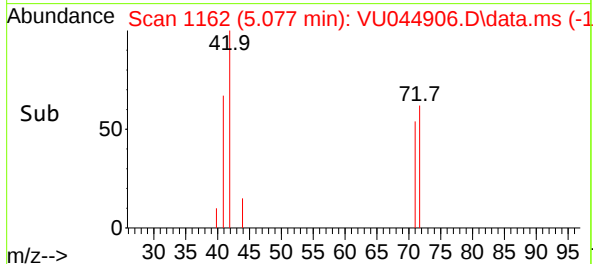
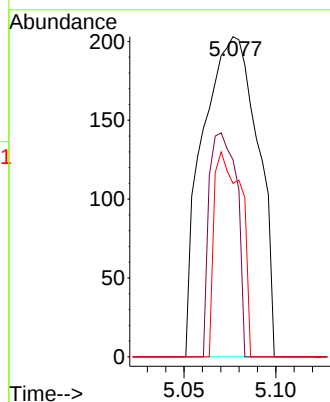
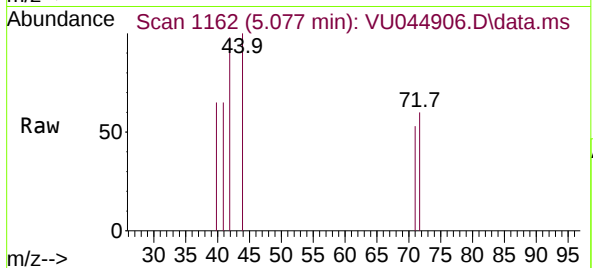
Delta R.T. 0.023 min

Lab File: VU044906.D

Acq: 27 Sep 2021 23:10

Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL02

Tgt Ion:	42	Resp:	425
Ion	Ratio	Lower	Upper
42	100		
72	34.6	36.2	54.4#
71	31.3	34.1	51.1#



#31

Cyclohexane

Concen: 1.042 ug/l

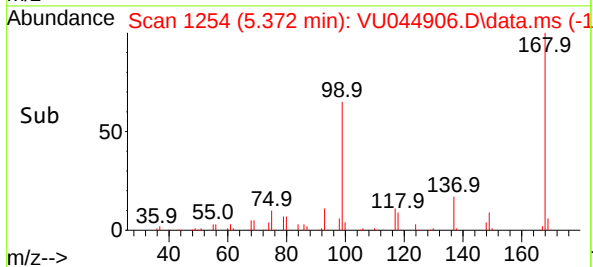
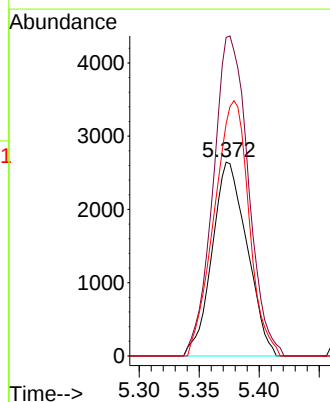
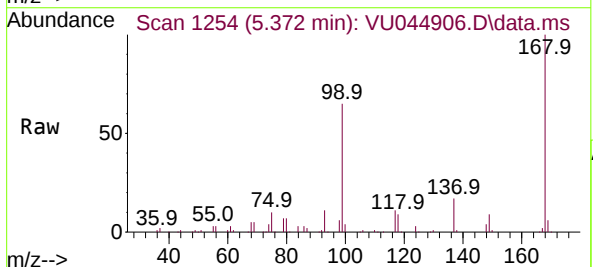
RT: 5.372 min Scan# 1254

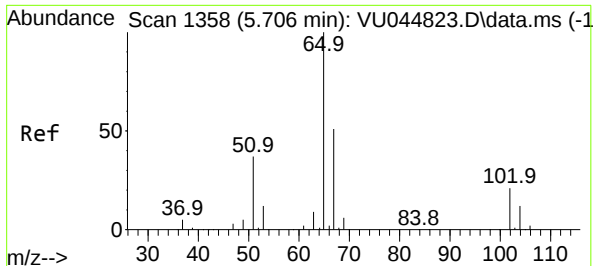
Delta R.T. -0.022 min

Lab File: VU044906.D

Acq: 27 Sep 2021 23:10

Tgt Ion:	56	Resp:	5344
Ion	Ratio	Lower	Upper
56	100		
69	164.4	25.2	37.8#
84	119.8	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 44.827 ug/l

RT: 5.707 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044906.D

Acq: 27 Sep 2021 23:10

Tgt Ion: 65 Resp: 160179

Ion Ratio Lower Upper

65 100

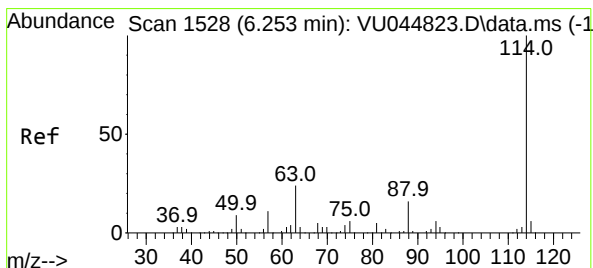
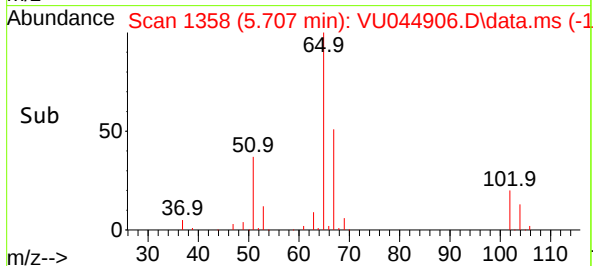
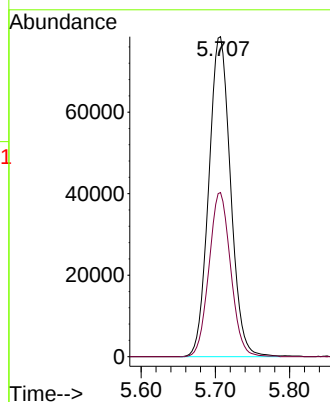
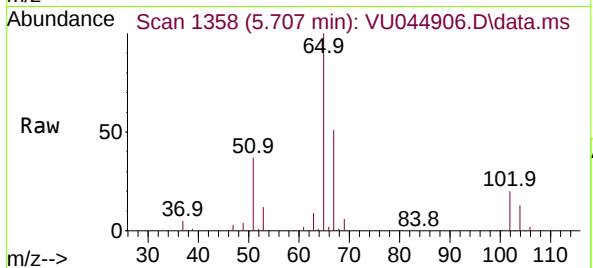
67 51.0 0.0 104.8

Instrument :

MSVOA_U

ClientSampled :

VU0927WBL02



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044906.D

Acq: 27 Sep 2021 23:10

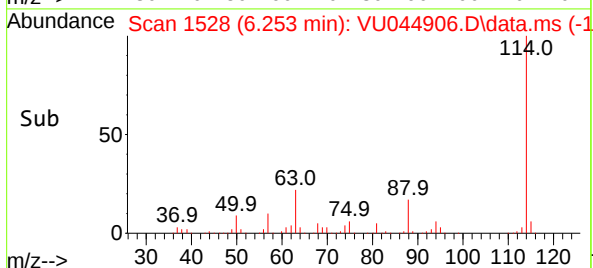
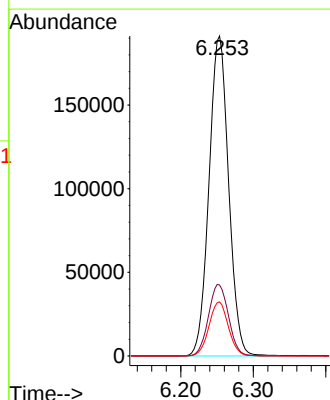
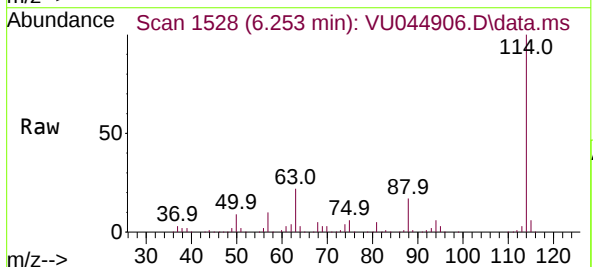
Tgt Ion: 114 Resp: 358680

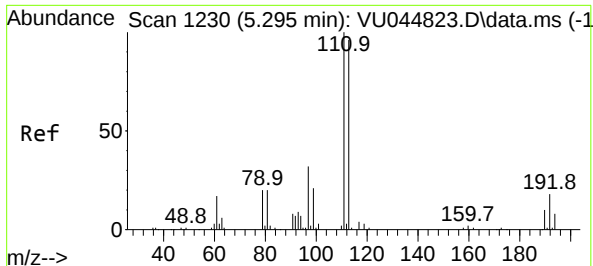
Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.8

88 16.9 0.0 32.8

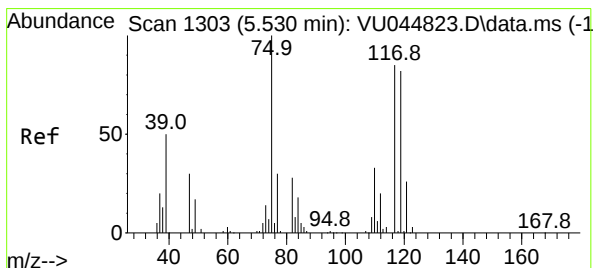
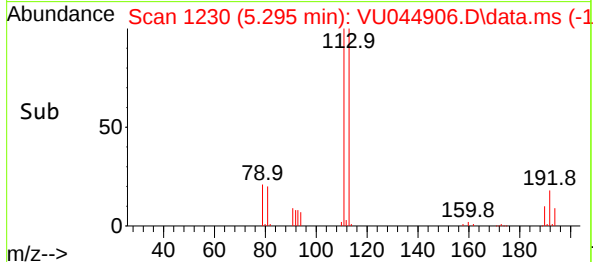
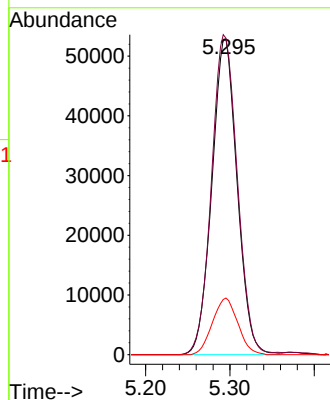
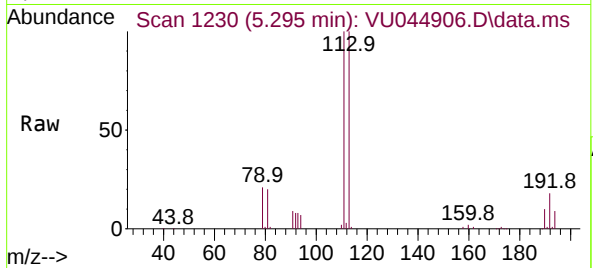




#35
Dibromofluoromethane
Concen: 44.730 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

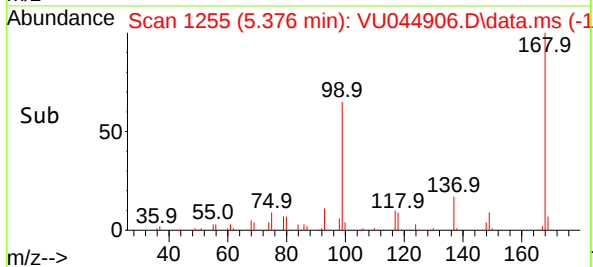
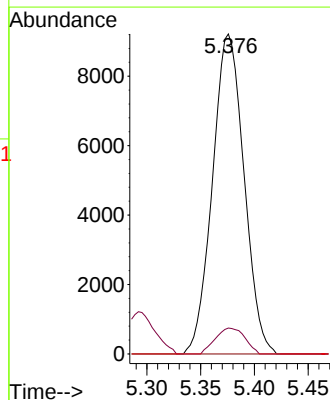
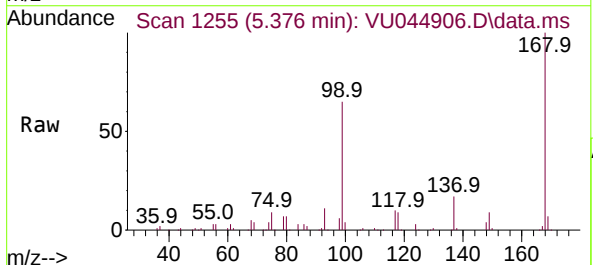
Instrument :
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VU0927WBL02

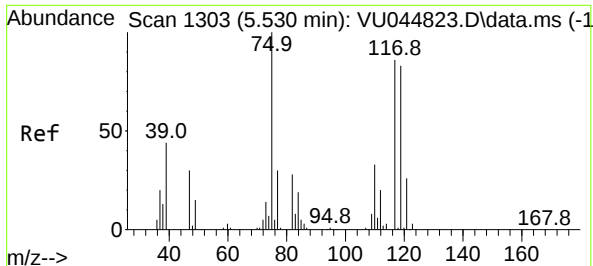
Tgt Ion:113 Resp: 110062
Ion Ratio Lower Upper
113 100
111 103.7 84.1 126.1
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.938 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

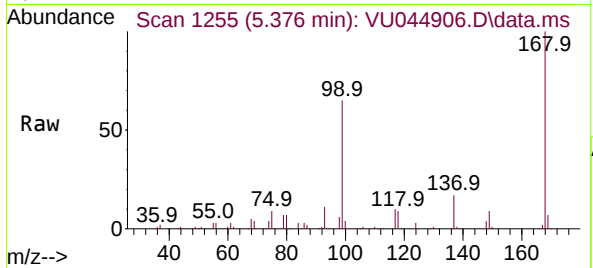
Tgt Ion: 75 Resp: 18793
Ion Ratio Lower Upper
75 100
110 7.6 16.3 48.9#
77 0.0 25.0 37.4#



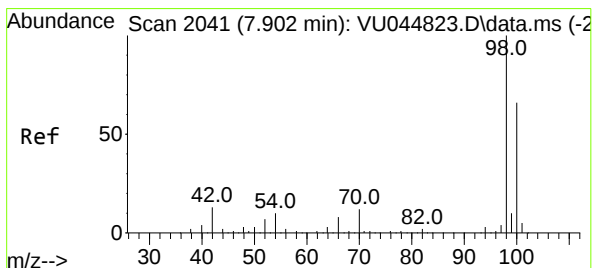
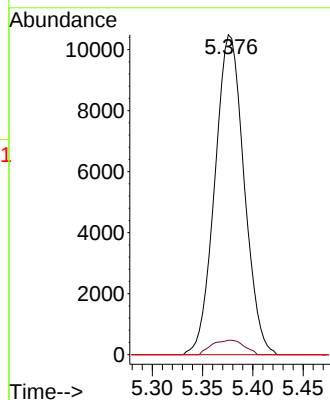
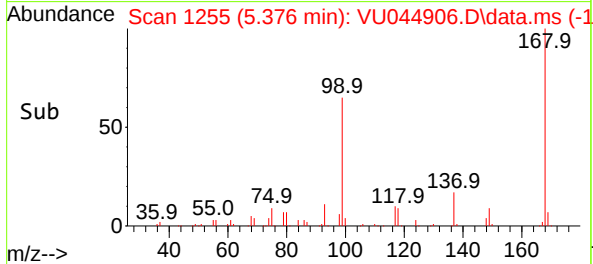


#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 5.376 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

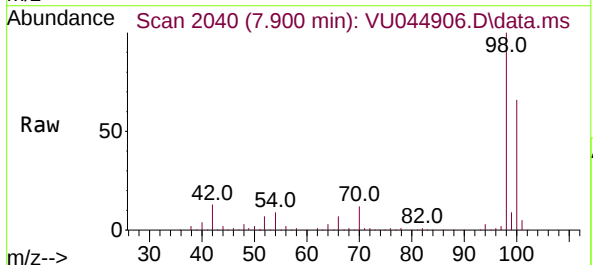
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL02



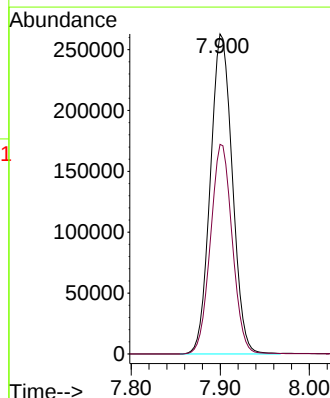
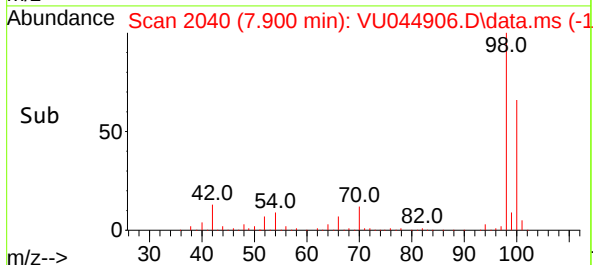
Tgt Ion: 117 Resp: 21228
Ion Ratio Lower Upper
117 100
119 4.5 77.4 116.2#
121 0.0 24.5 36.7#

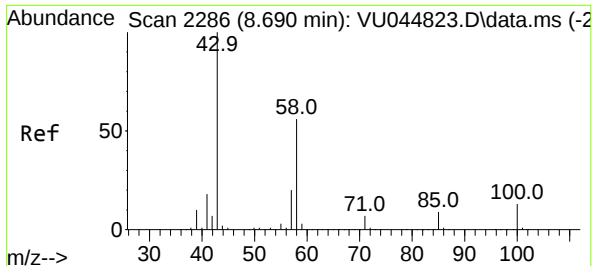


#50
Toluene-d8
Concen: 48.493 ug/l
RT: 7.900 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10



Tgt Ion: 98 Resp: 450648
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

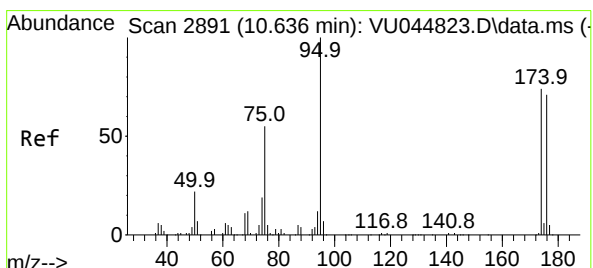
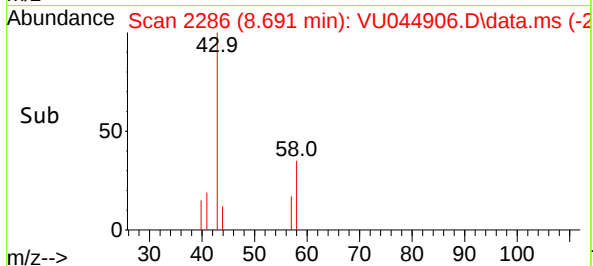
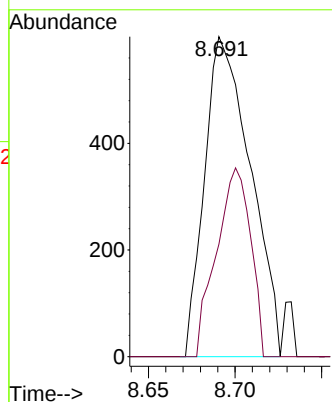
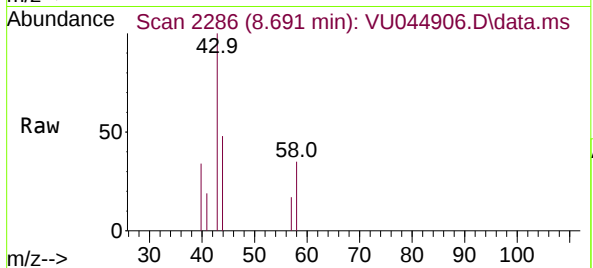




#59
2-Hexanone
Concen: 0.247 ug/l
RT: 8.691 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

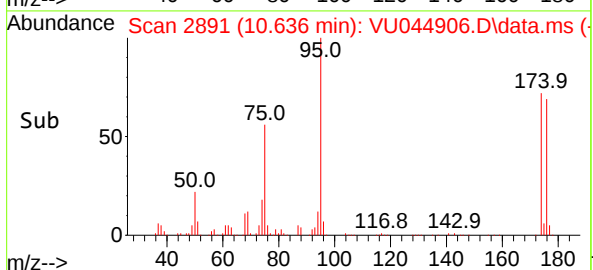
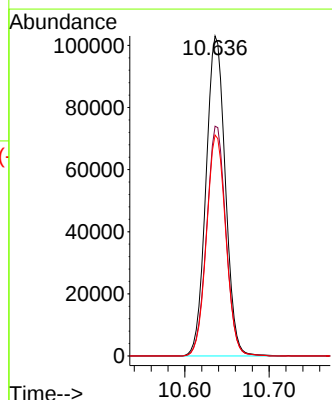
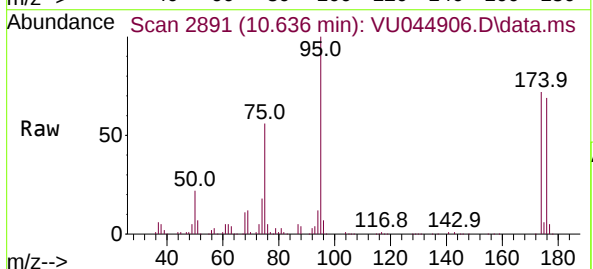
Instrument :
MSVOA_U
ClientSampled :
VU0927WBL02

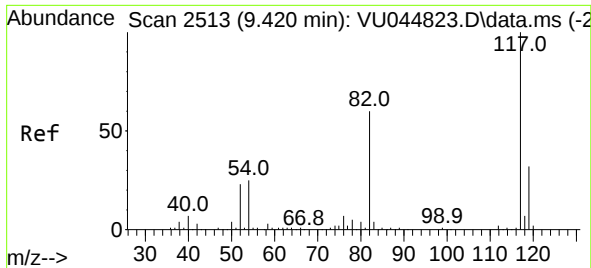
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 43.9 28.0 84.0



#62
4-Bromofluorobenzene
Concen: 47.610 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

Tgt Ion: 95 Resp: 164336
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.6
176 69.2 0.0 141.2

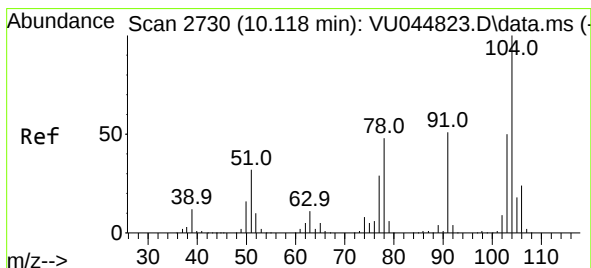
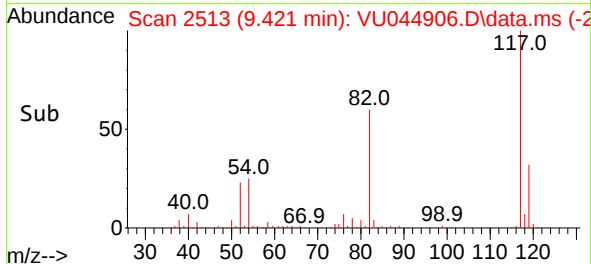
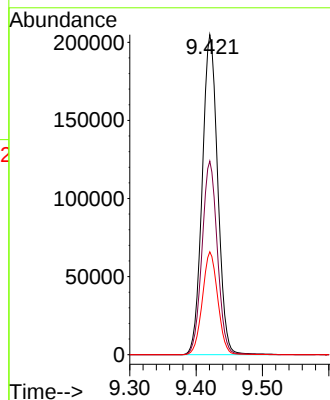
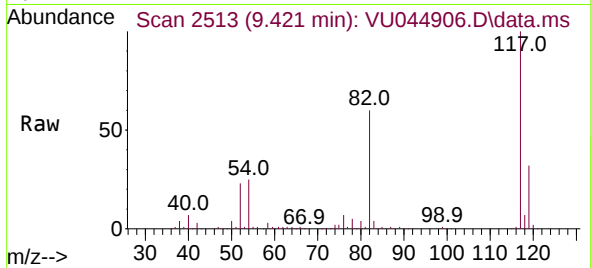




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.421 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

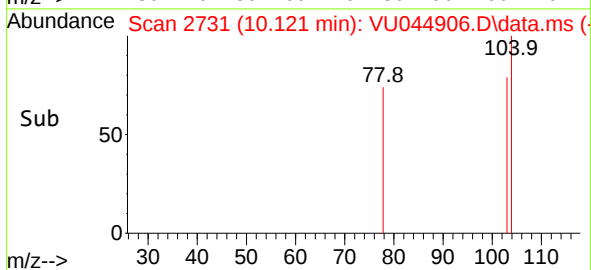
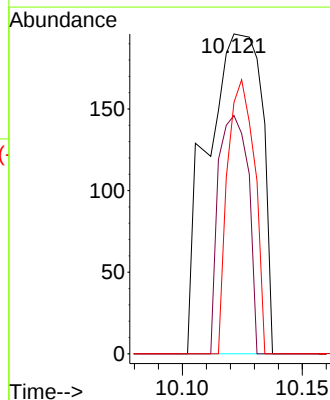
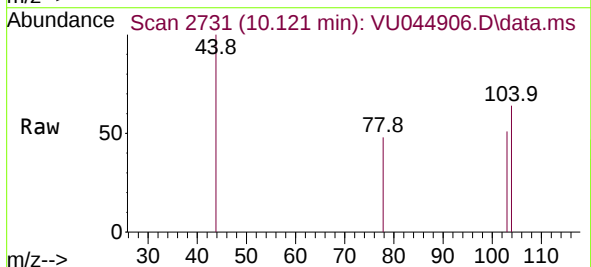
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL02

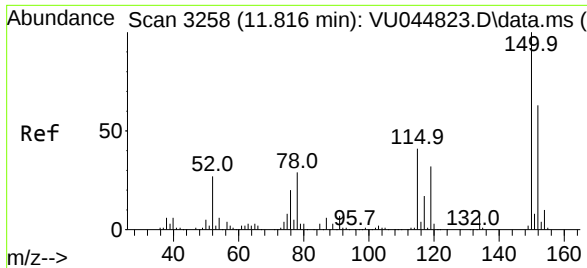
Tgt Ion:117 Resp: 331743
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 32.1 25.8 38.6



#70
Styrene
Concen: 1.047 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

Tgt Ion:104 Resp: 312
Ion Ratio Lower Upper
104 100
78 40.1 41.4 62.0#
103 42.0 43.5 65.3#

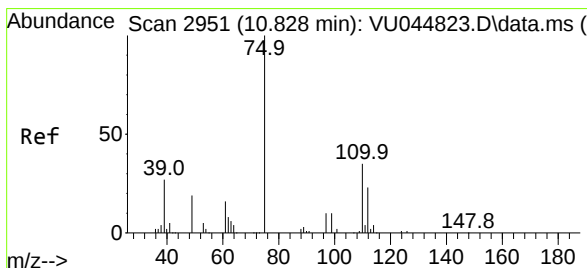
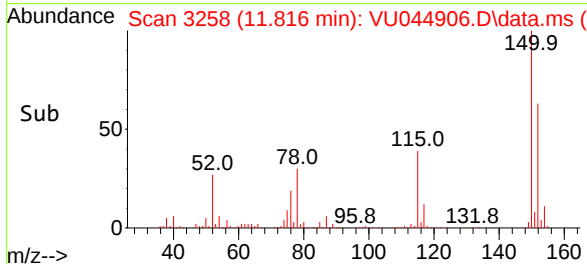
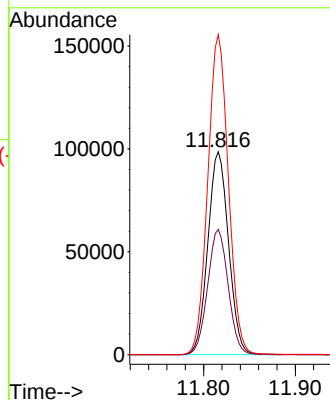
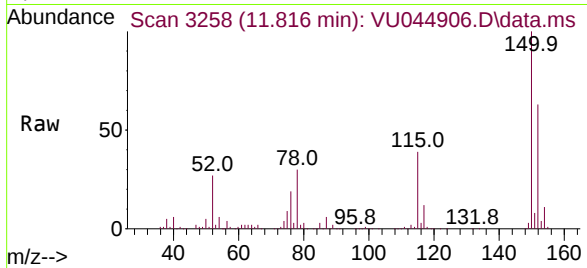




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU044906.D
 Acq: 27 Sep 2021 23:10

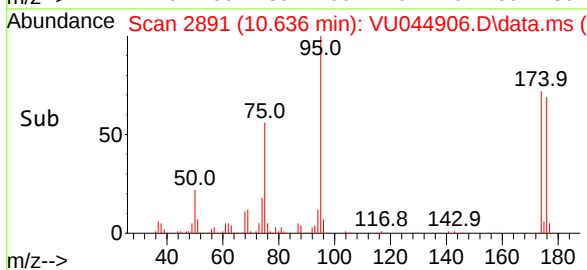
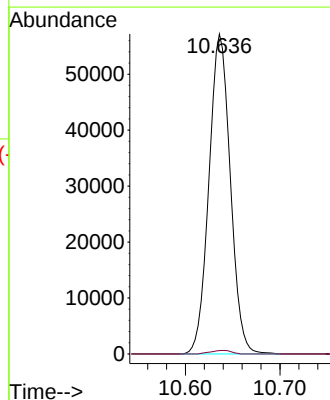
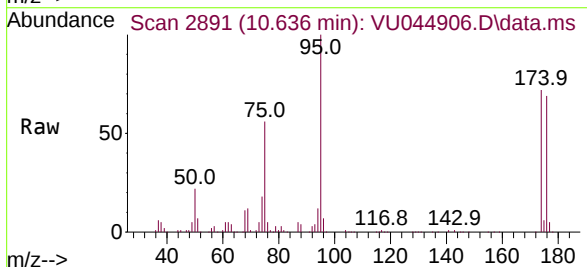
Instrument :
 MSVOA_U
 ClientSampled :
 VU0927WBL02

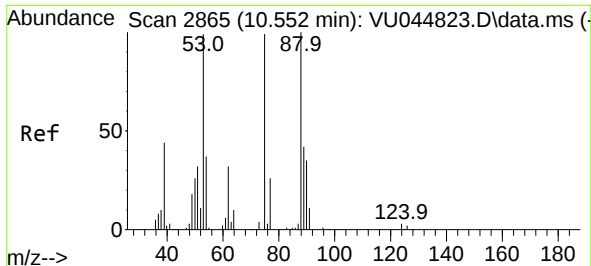
Tgt Ion:152 Resp: 154892
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.5 130.7
 150 156.7 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 19.156 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044906.D
 Acq: 27 Sep 2021 23:10

Tgt Ion: 75 Resp: 89850
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#

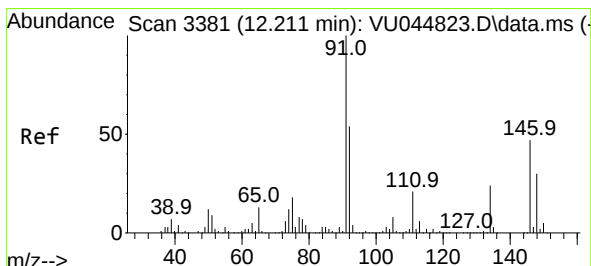
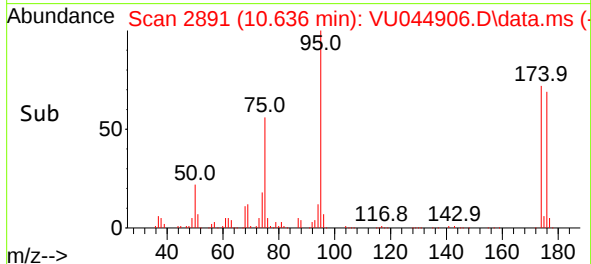
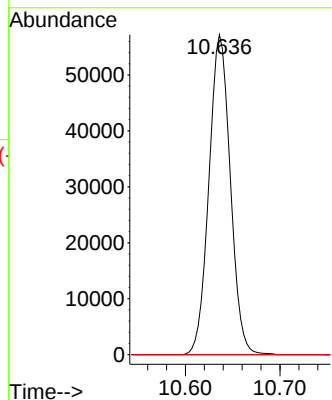
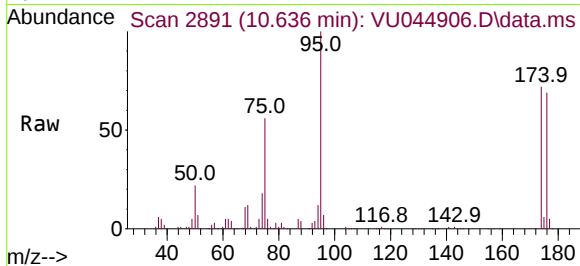




#81
trans-1,4-Dichloro-2-butene
Concen: 62.056 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

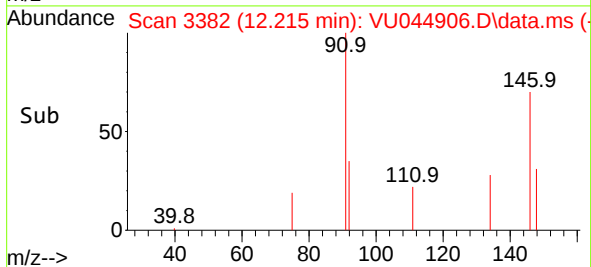
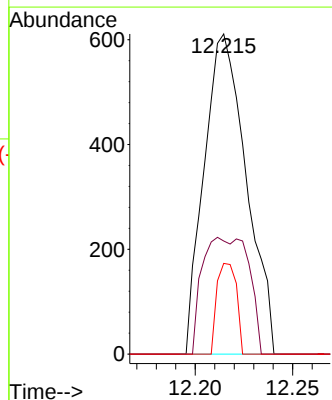
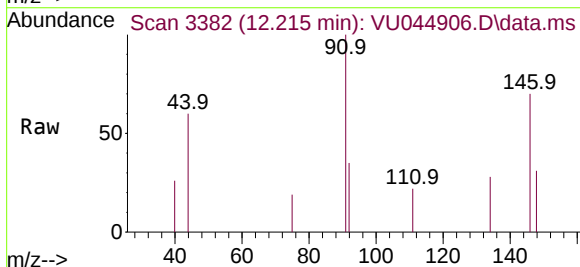
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL02

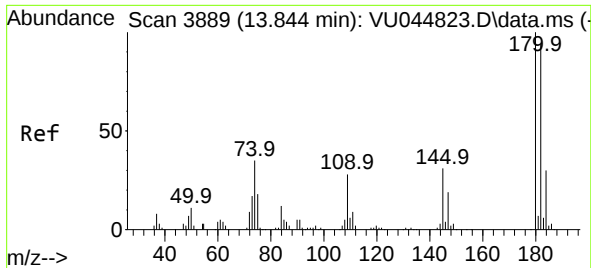
Tgt Ion: 75 Resp: 89850
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#89
n-Butylbenzene
Concen: 1.368 ug/l
RT: 12.215 min Scan# 3382
Delta R.T. 0.004 min
Lab File: VU044906.D
Acq: 27 Sep 2021 23:10

Tgt Ion: 91 Resp: 919
Ion Ratio Lower Upper
91 100
92 40.2 26.8 80.4
134 12.9 11.8 35.4

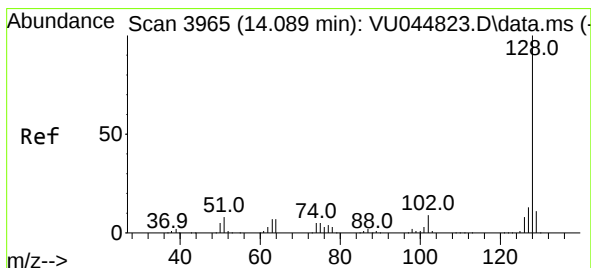
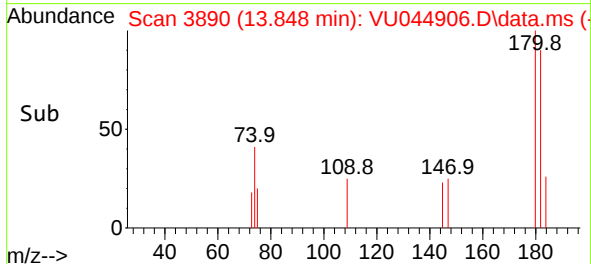
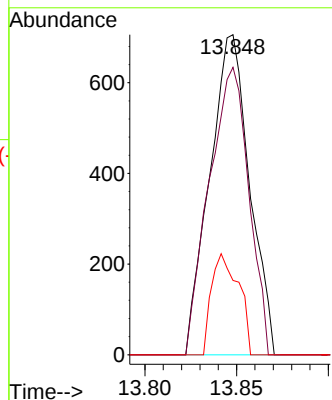
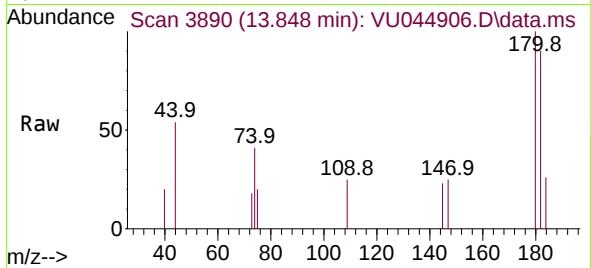




#93
 1,2,4-Trichlorobenzene
 Concen: 0.357 ug/l
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.004 min
 Lab File: VU044906.D
 Acq: 27 Sep 2021 23:10

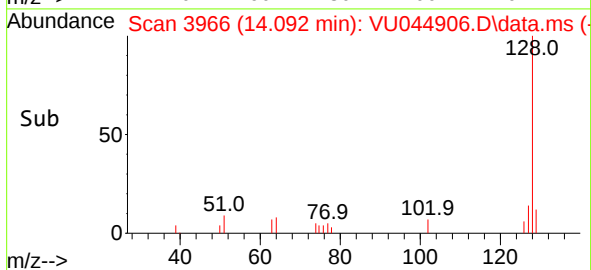
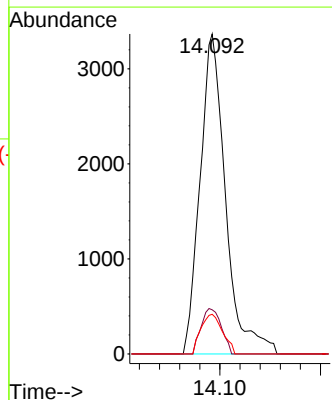
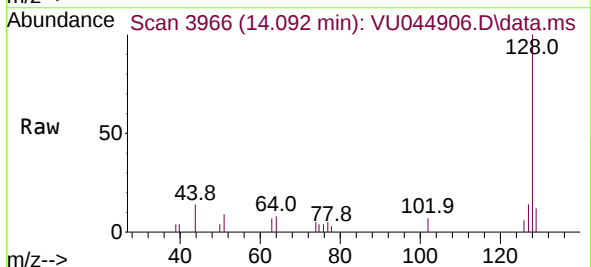
Instrument :
 MSVOA_U
 ClientSampled :
 VU0927WBL02

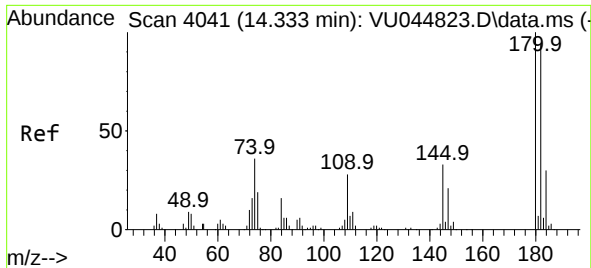
Tgt Ion:180 Resp: 1067
 Ion Ratio Lower Upper
 180 100
 182 89.2 47.4 142.3
 145 21.4 15.4 46.2



#95
 Naphthalene
 Concen: 1.432 ug/l
 RT: 14.092 min Scan# 3966
 Delta R.T. 0.003 min
 Lab File: VU044906.D
 Acq: 27 Sep 2021 23:10

Tgt Ion:128 Resp: 5918
 Ion Ratio Lower Upper
 128 100
 127 11.3 10.4 15.6
 129 10.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.365 ug/l
 RT: 14.330 min Scan# 4040
 Delta R.T. -0.003 min
 Lab File: VU044906.D
 Acq: 27 Sep 2021 23:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0927WBL02

Tgt Ion:	180	Resp:	1107
Ion Ratio	Lower	Upper	
180	100		
182	86.2	47.1	141.4
145	26.0	16.4	49.2

