

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044887.D
 Acq On : 27 Sep 2021 13:48
 Operator : SY/MD
 Sample : VU0927WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0927WBL01

Quant Time: Sep 27 16:35:41 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)

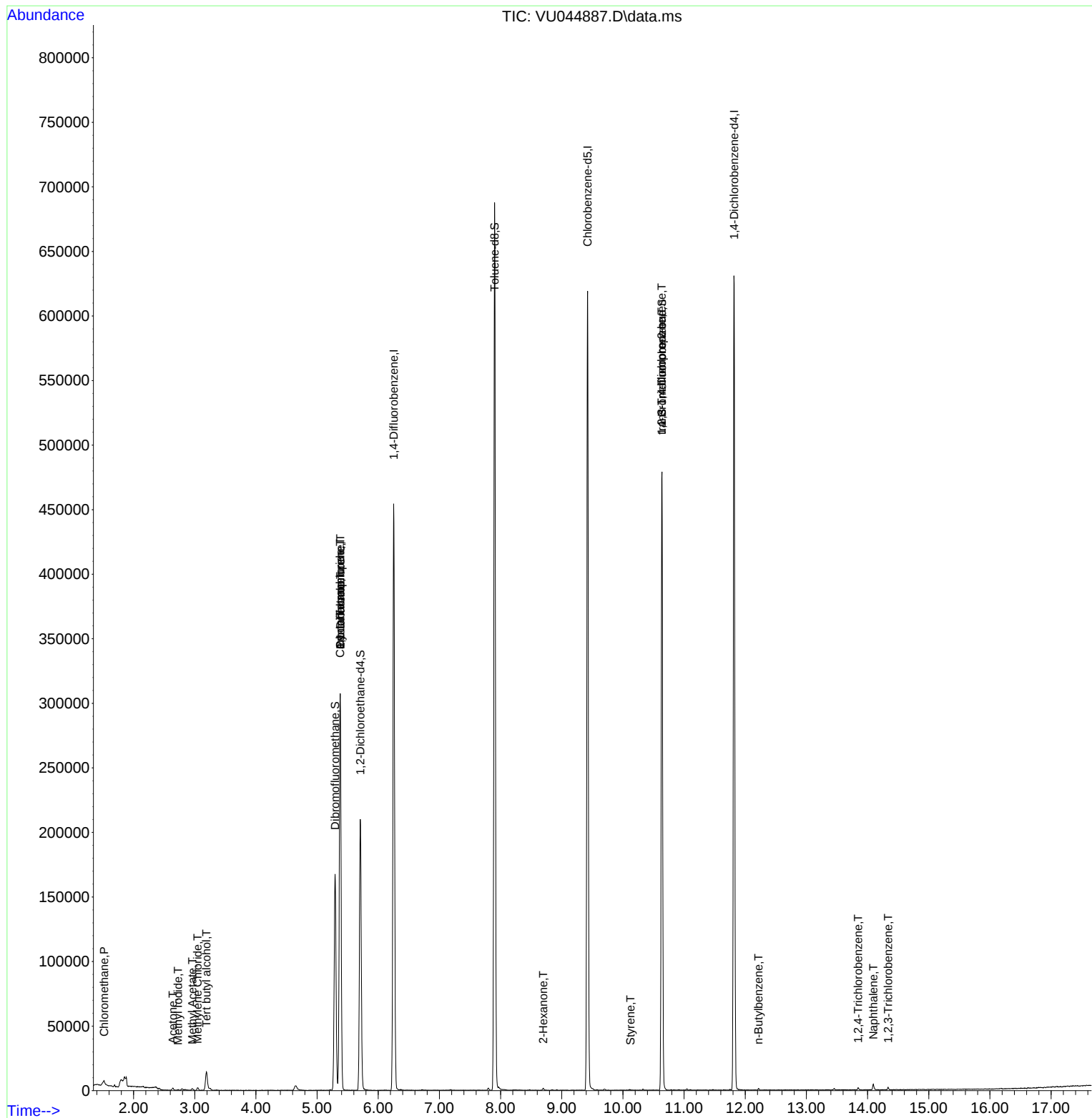
Internal Standards						
1) Pentafluorobenzene	5.378	168	197853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	351472	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	323636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	151171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	156679	45.374	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.740%	
35) Dibromofluoromethane	5.295	113	108227	44.886	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.780%	
50) Toluene-d8	7.902	98	444331	48.793	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.580%	
62) 4-Bromofluorobenzene	10.639	95	157941	46.696	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	806	0.224	ug/l	94
5) Bromomethane	1.848	94	698	Below Cal		93
6) Chloroethane	1.938	64	294	Below Cal	#	42
10) Methyl Iodide	2.729	142	536	0.205	ug/l #	61
11) Tert butyl alcohol	3.192	59	10919	10.834	ug/l #	72
16) Acetone	2.642	43	1752	0.899	ug/l #	87
18) Methyl Acetate	2.960	43	1721	0.264	ug/l #	89
20) Methylene Chloride	3.044	84	960	0.304	ug/l	95
31) Cyclohexane	5.378	56	5232	1.055	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	18837	5.051	ug/l #	49
38) Carbon Tetrachloride	5.375	117	20928	6.277	ug/l #	16
59) 2-Hexanone	8.697	43	1263	0.288	ug/l	92
70) Styrene	10.124	104	127	1.026	ug/l #	50
76) 1,2,3-Trichloropropane	10.635	75	86761	18.953	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	86761	61.397	ug/l #	9
89) n-Butylbenzene	12.214	91	559	1.333	ug/l #	79
93) 1,2,4-Trichlorobenzene	13.844	180	661	0.227	ug/l	94
95) Naphthalene	14.095	128	4168	1.296	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.336	180	702	0.237	ug/l	82

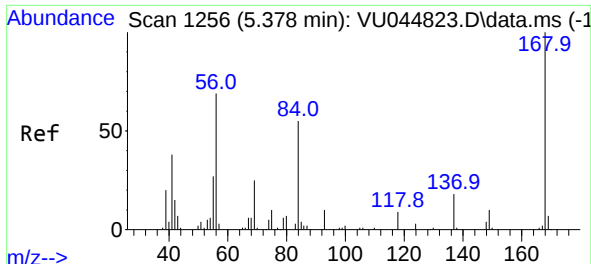
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

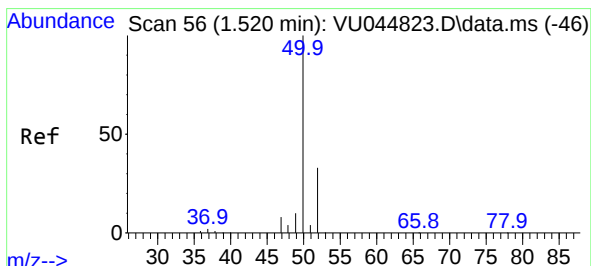
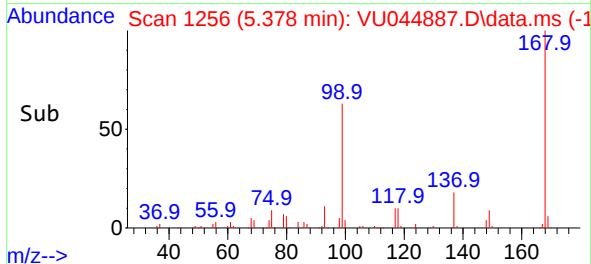
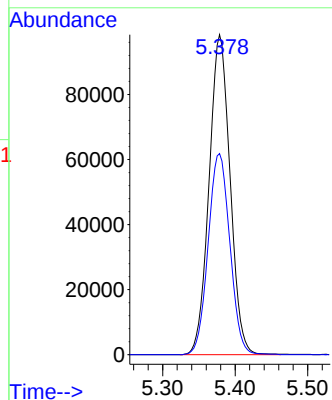
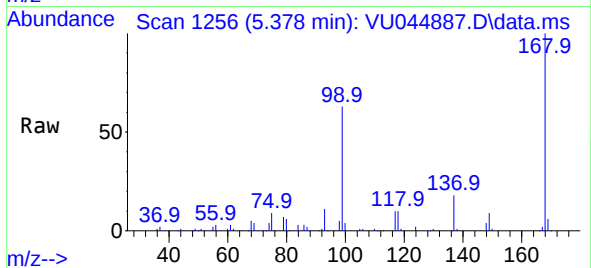




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

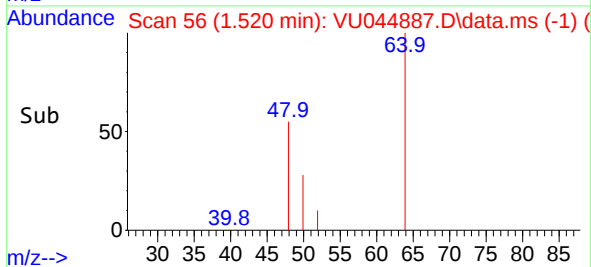
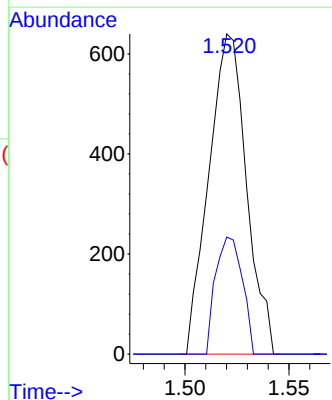
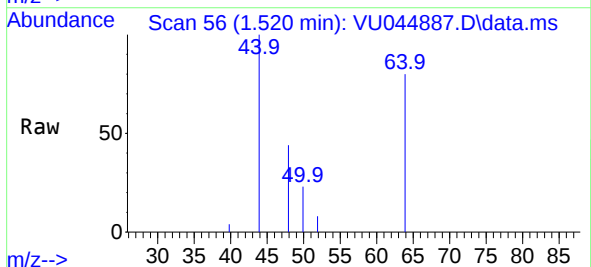
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

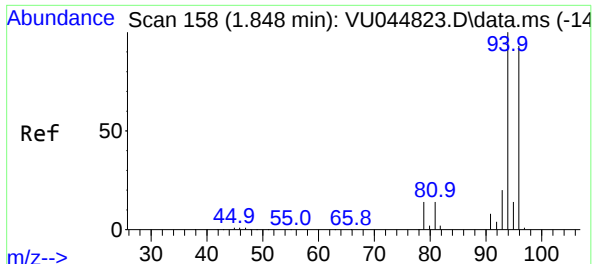
Tgt Ion:168 Resp: 197853
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.0



#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Tgt Ion: 50 Resp: 806
Ion Ratio Lower Upper
50 100
52 36.6 26.3 39.5

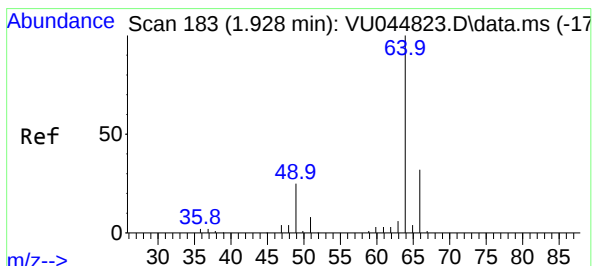
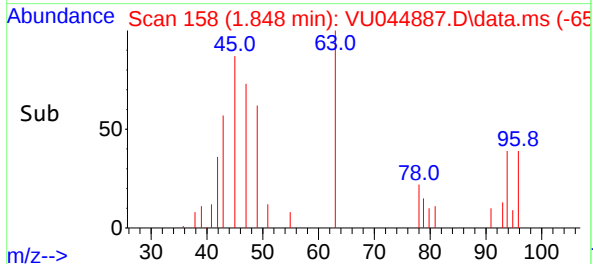
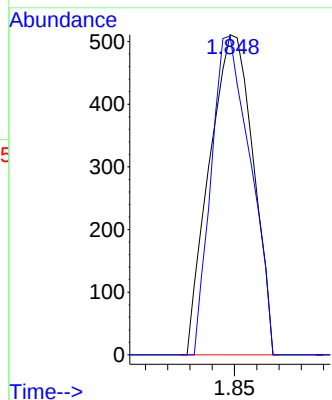
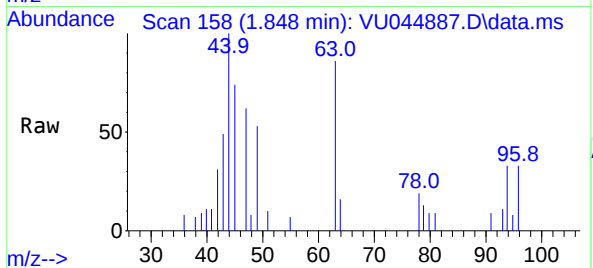




#5
Bromomethane
Concen: Below Cal
RT: 1.848 min Scan# 158
Delta R.T. 0.000 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

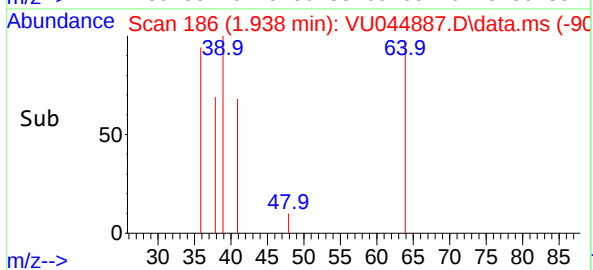
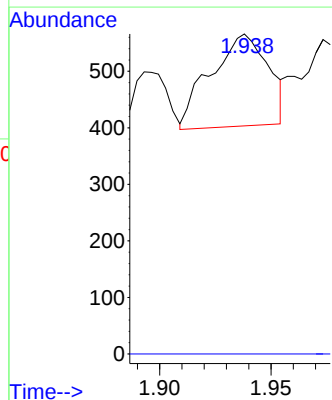
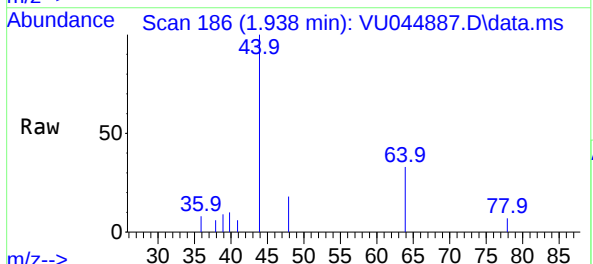
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

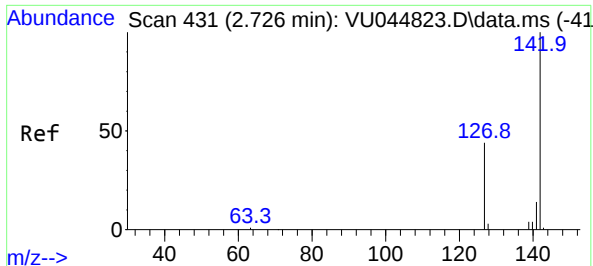
Tgt Ion: 94 Resp: 698
Ion Ratio Lower Upper
94 100
96 99.6 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.938 min Scan# 186
Delta R.T. 0.010 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

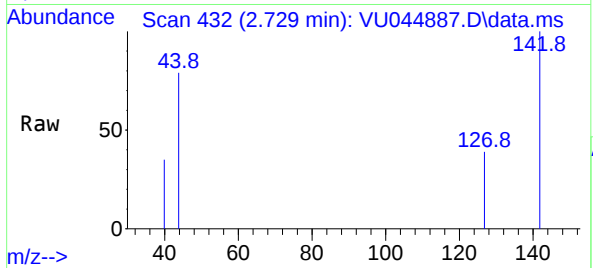
Tgt Ion: 64 Resp: 294
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



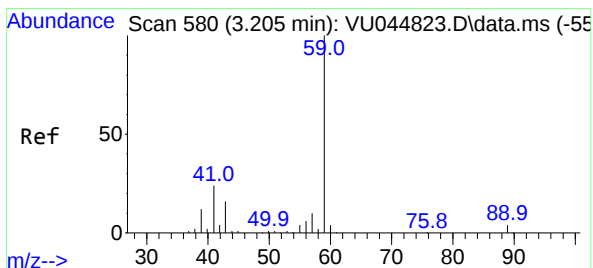
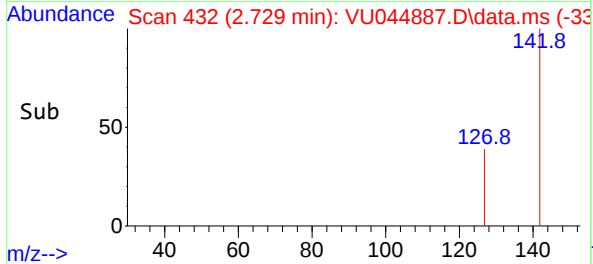
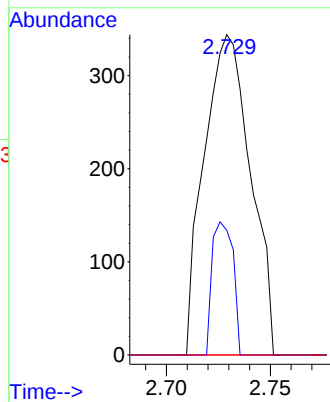


#10
Methyl Iodide
Concen: 0.205 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

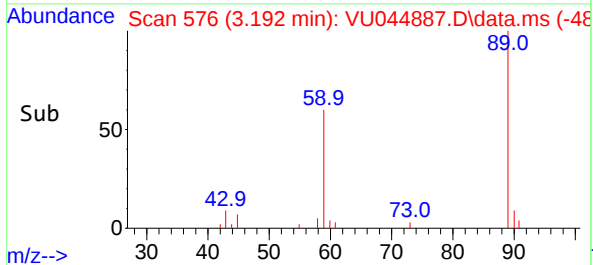
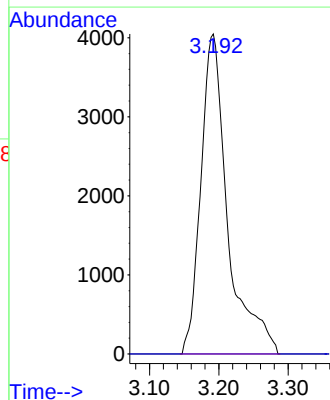
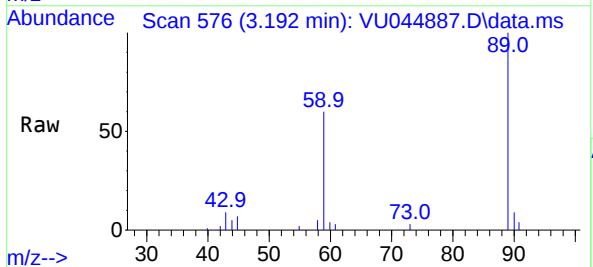


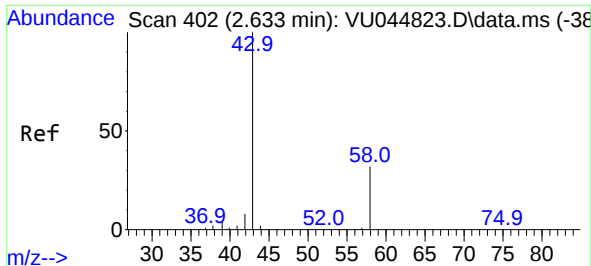
Tgt Ion:142 Resp: 536
Ion Ratio Lower Upper
142 100
127 18.7 35.6 53.4#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 10.834 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.013 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Tgt Ion: 59 Resp: 10919
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

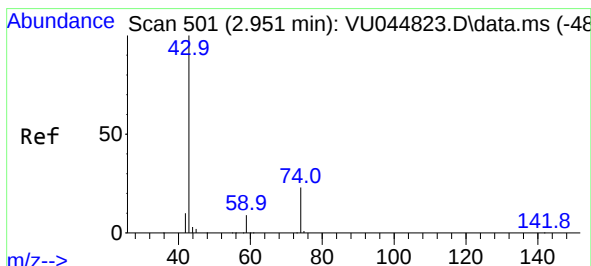
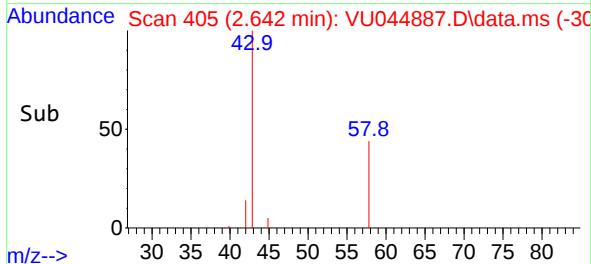
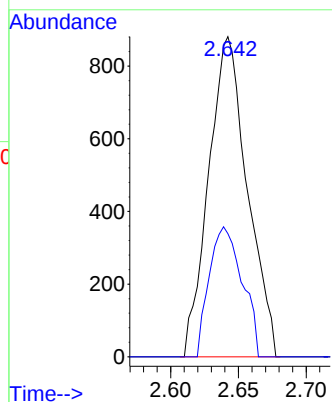
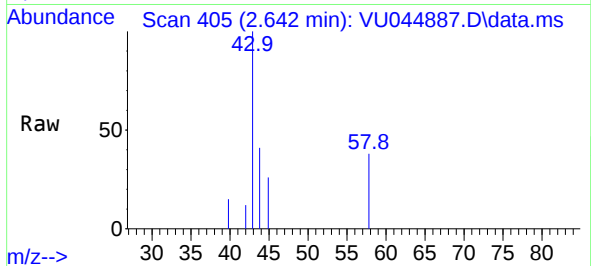




#16
Acetone
Concen: 0.899 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.010 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

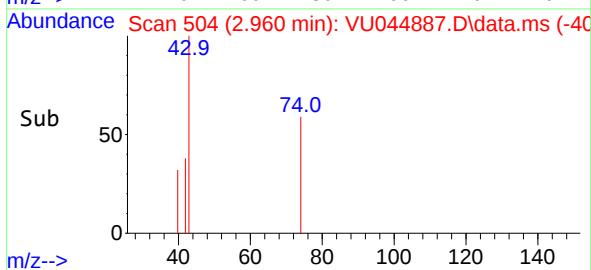
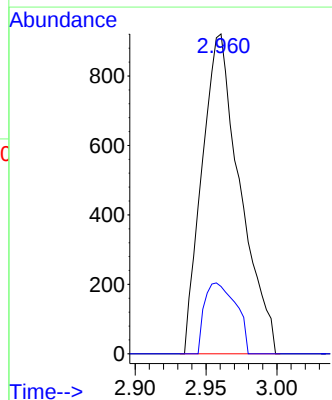
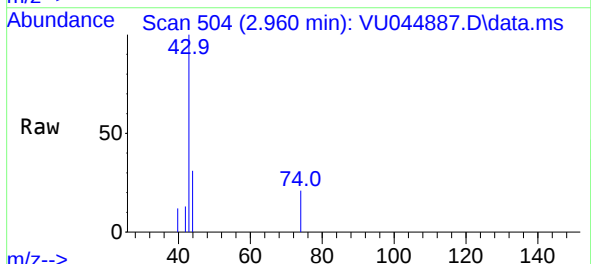
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

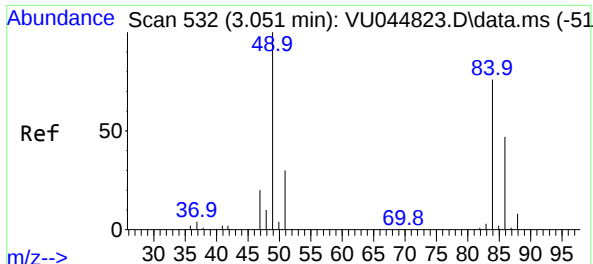
Tgt Ion: 43 Resp: 1752
Ion Ratio Lower Upper
43 100
58 38.5 25.2 37.8#



#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Tgt Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
74 18.2 19.0 28.6#





#20

Methylene Chloride

Concen: 0.304 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.007 min

Lab File: VU044887.D

Acq: 27 Sep 2021 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

Tgt Ion: 84 Resp: 960

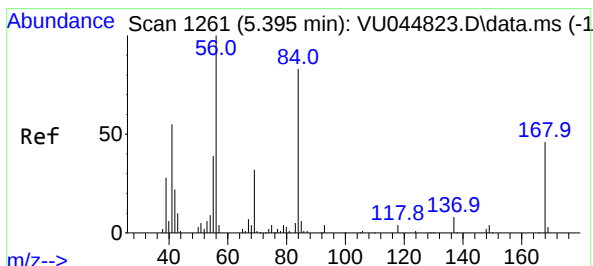
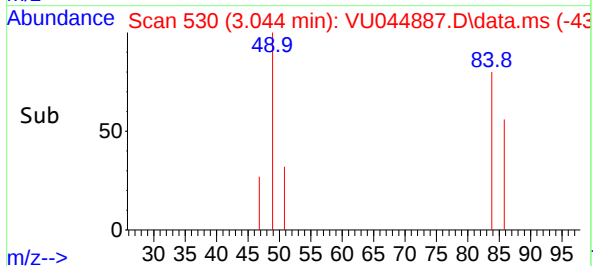
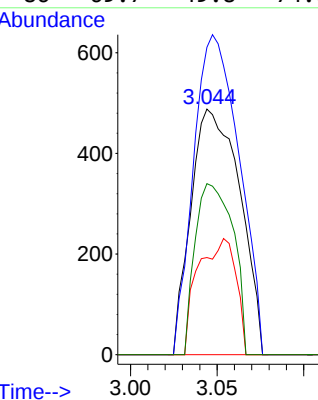
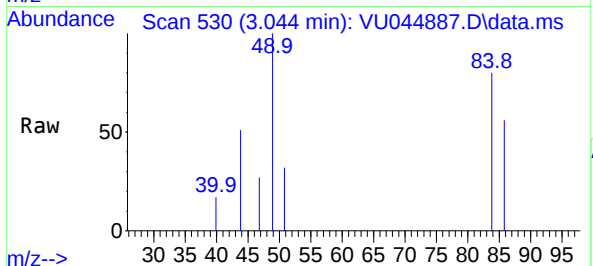
Ion Ratio Lower Upper

84 100

49 125.2 104.9 157.3

51 39.5 31.8 47.8

86 69.7 49.8 74.6



#31

Cyclohexane

Concen: 1.055 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.016 min

Lab File: VU044887.D

Acq: 27 Sep 2021 13:48

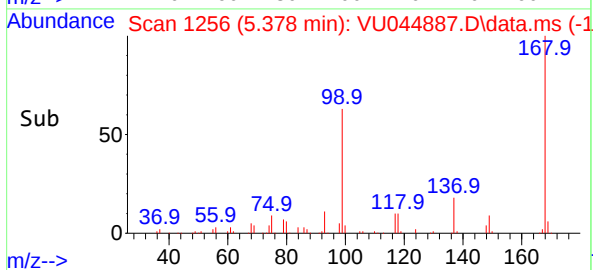
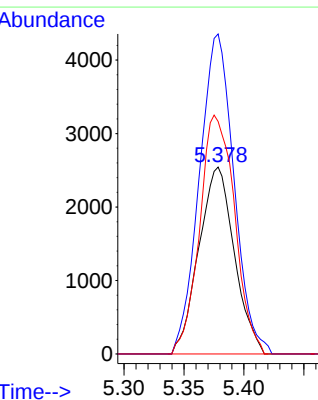
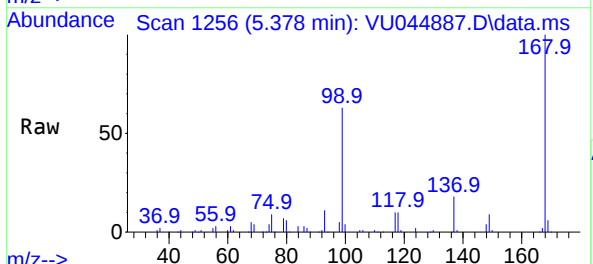
Tgt Ion: 56 Resp: 5232

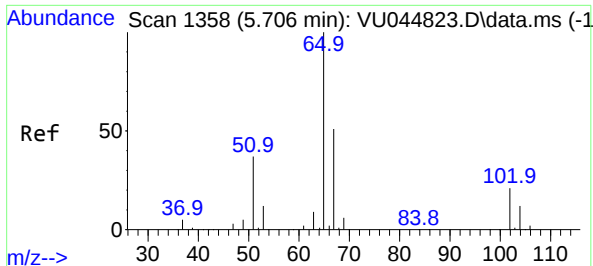
Ion Ratio Lower Upper

56 100

69 171.3 25.2 37.8#

84 124.4 66.4 99.6#



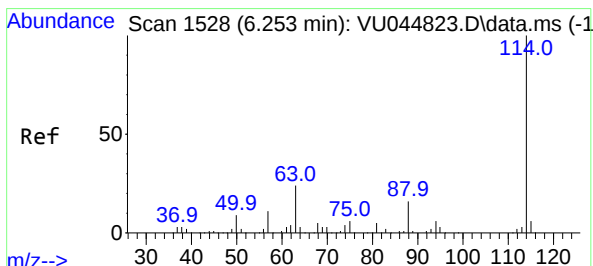
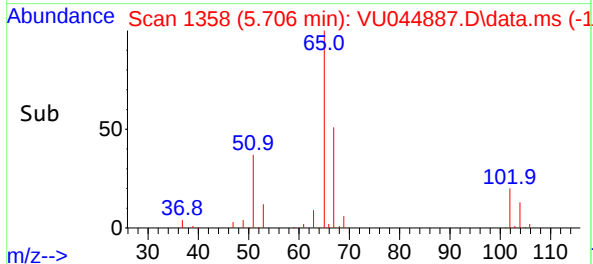
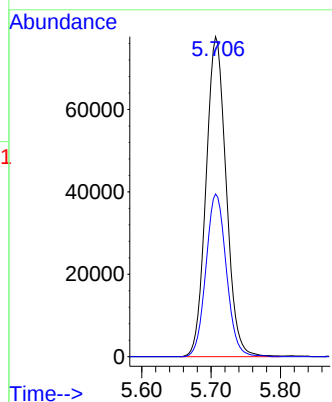
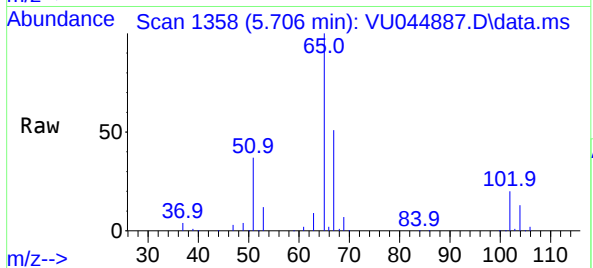


#33

1,2-Dichloroethane-d4
Concen: 45.374 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

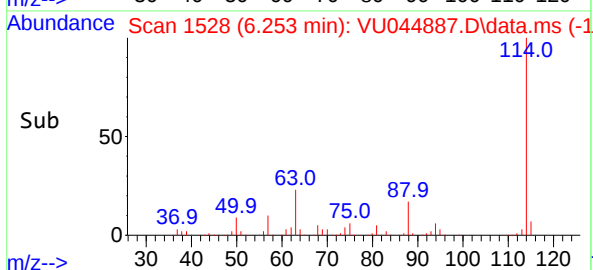
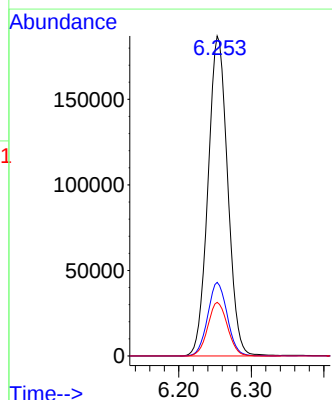
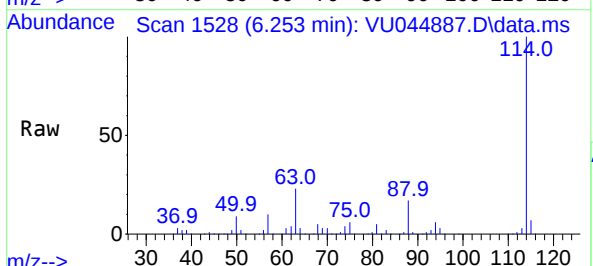
Tgt Ion: 65 Resp: 156679
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8

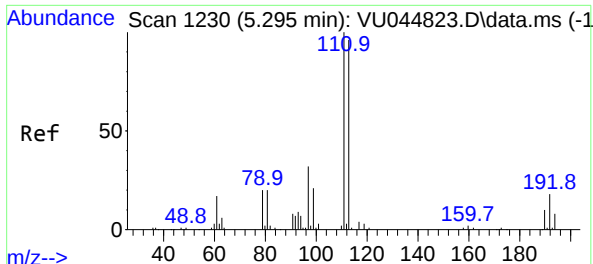


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Tgt Ion: 114 Resp: 351472
Ion Ratio Lower Upper
114 100
63 23.0 0.0 47.8
88 16.7 0.0 32.8

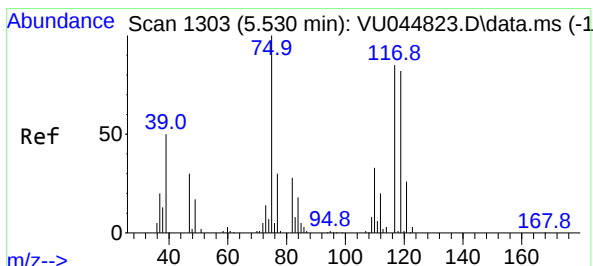
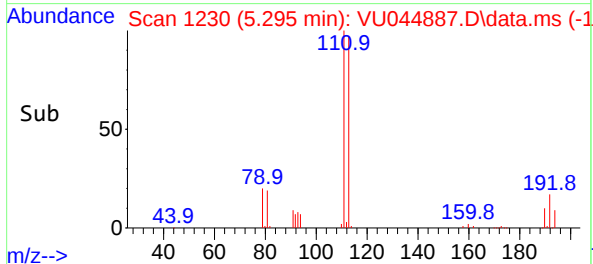
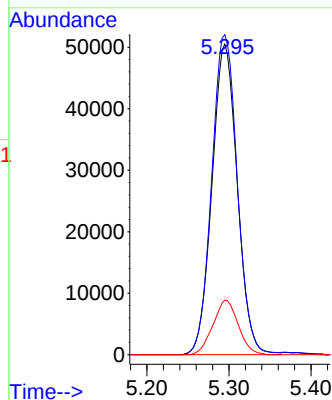
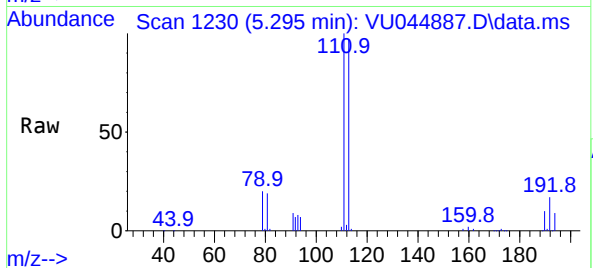




#35
Dibromofluoromethane
Concen: 44.886 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

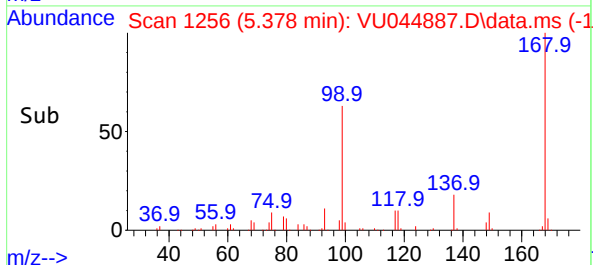
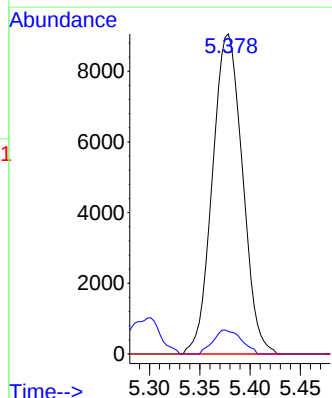
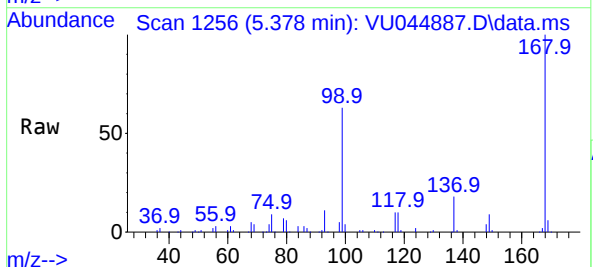
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

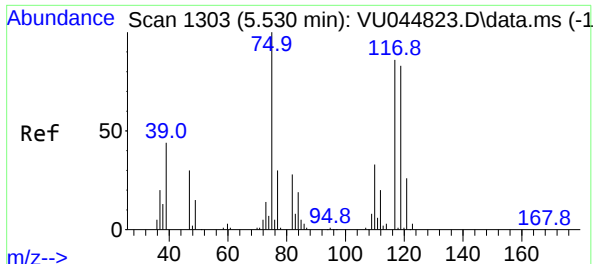
Tgt Ion:113 Resp: 108227
Ion Ratio Lower Upper
113 100
111 103.8 84.1 126.1
192 17.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.051 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

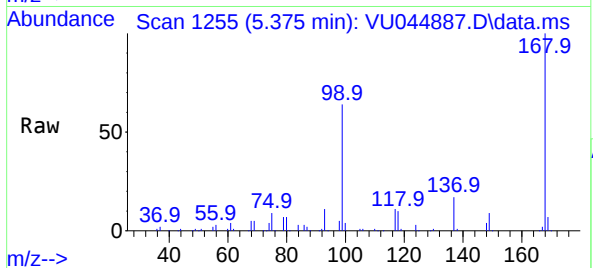
Tgt Ion: 75 Resp: 18837
Ion Ratio Lower Upper
75 100
110 7.0 16.3 48.9#
77 0.0 25.0 37.4#



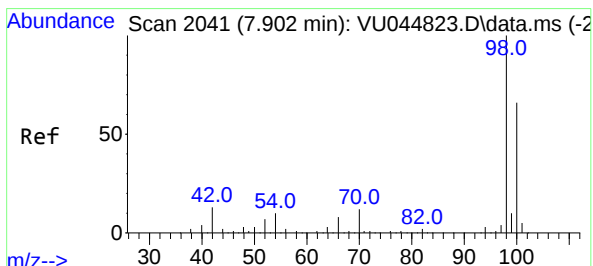
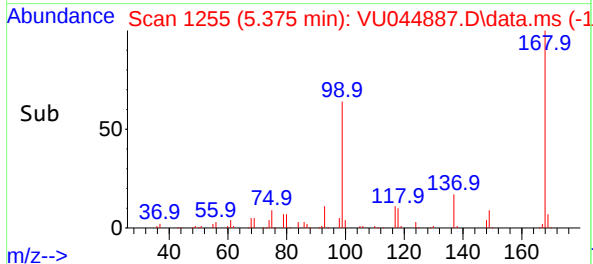
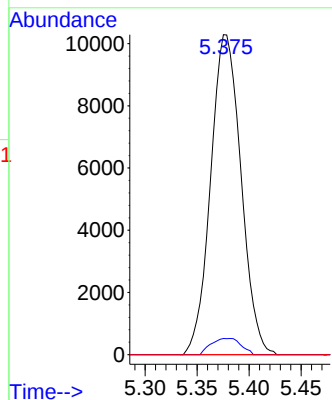


#38
Carbon Tetrachloride
Concen: 6.277 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

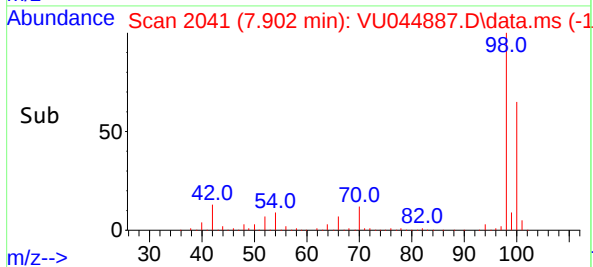
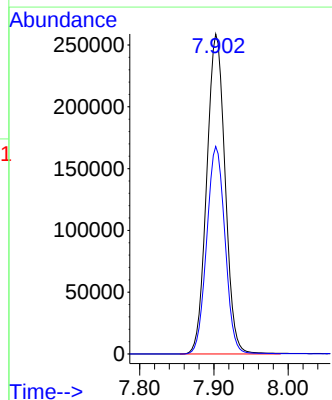
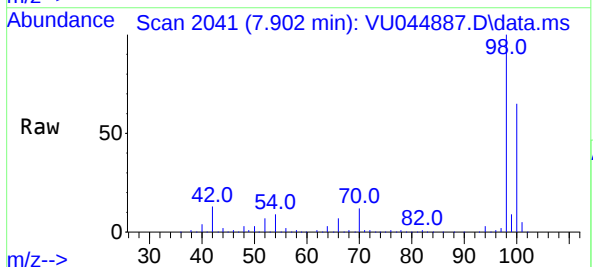


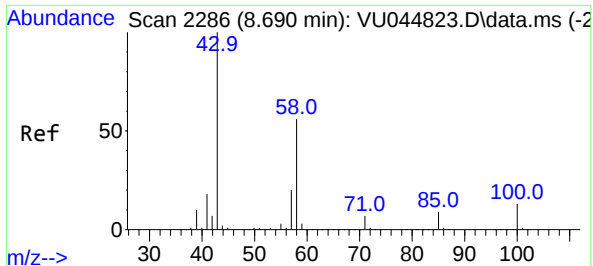
Tgt Ion: 117 Resp: 20928
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.2#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.793 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Tgt Ion: 98 Resp: 444331
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

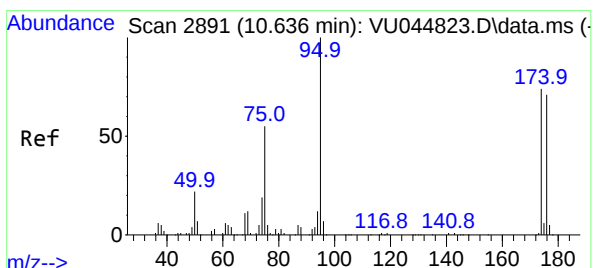
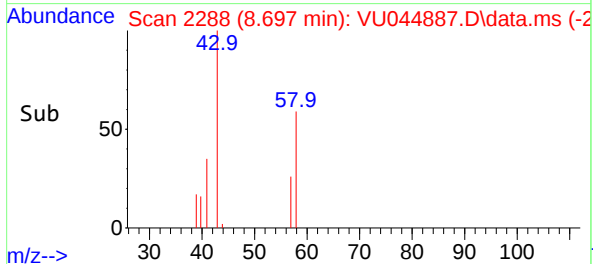
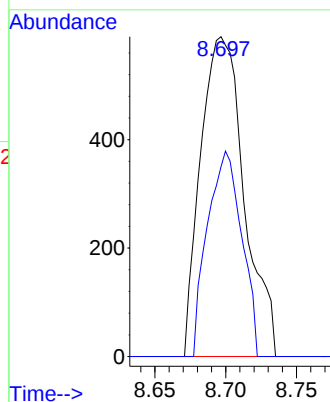
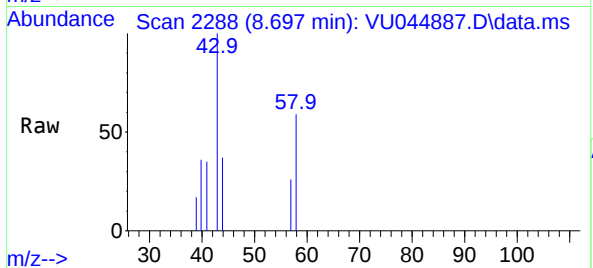




#59
2-Hexanone
Concen: 0.288 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.006 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

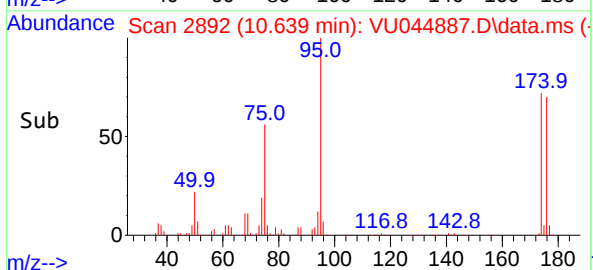
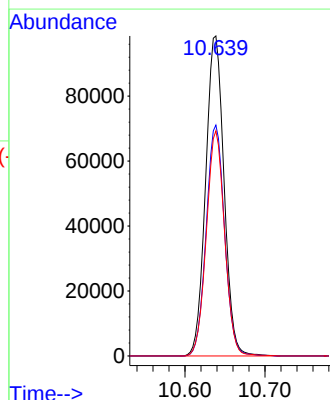
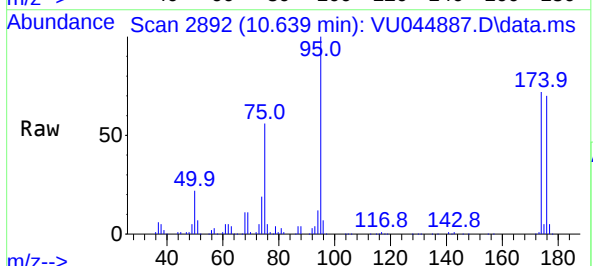
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

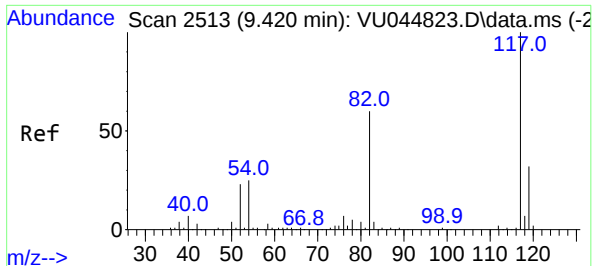
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 50.3 28.0 84.0



#62
4-Bromofluorobenzene
Concen: 46.696 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Tgt Ion: 95 Resp: 157941
Ion Ratio Lower Upper
95 100
174 72.0 0.0 146.6
176 69.6 0.0 141.2

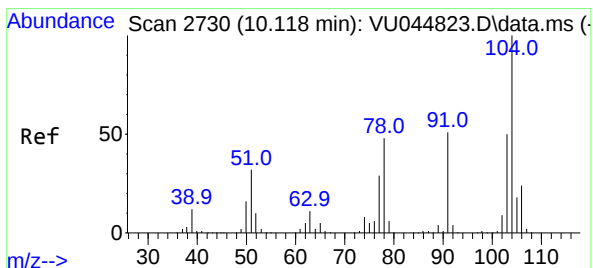
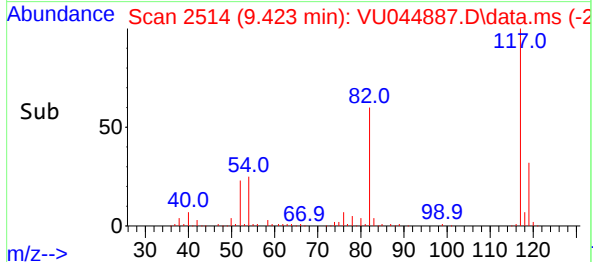
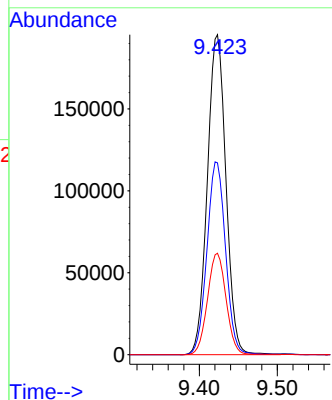
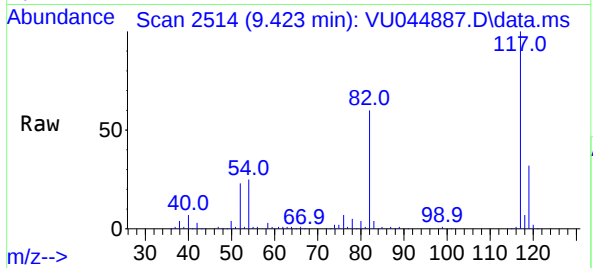




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.003 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

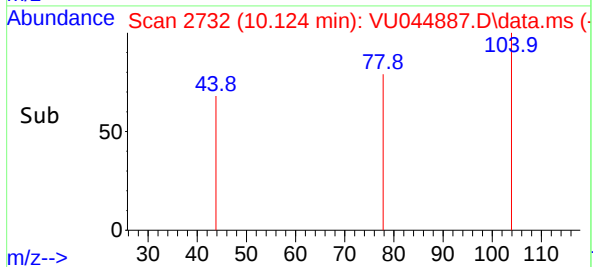
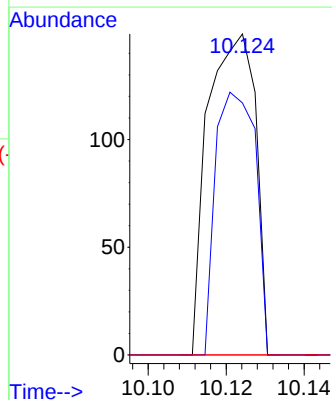
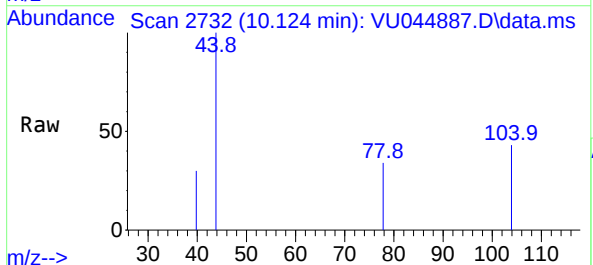
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

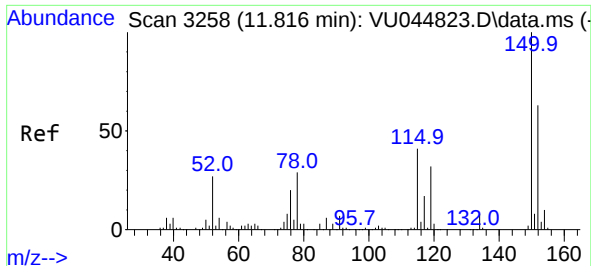
Tgt Ion:117 Resp: 323636
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 31.7 25.8 38.6



#70
Styrene
Concen: 1.026 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.006 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Tgt Ion:104 Resp: 127
Ion Ratio Lower Upper
104 100
78 68.5 41.4 62.0#
103 0.0 43.5 65.3#

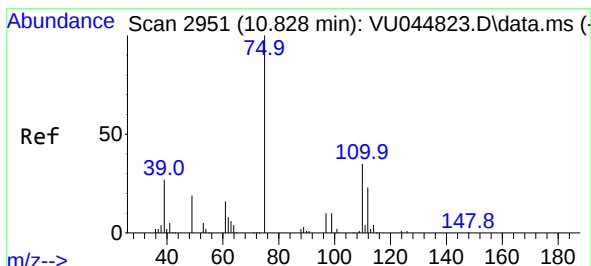
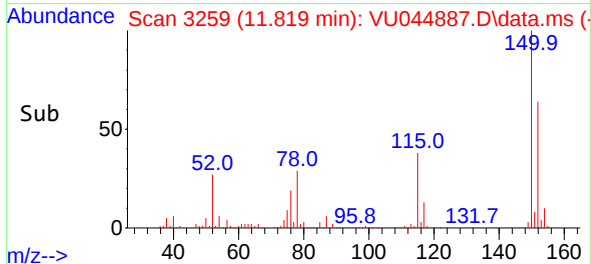
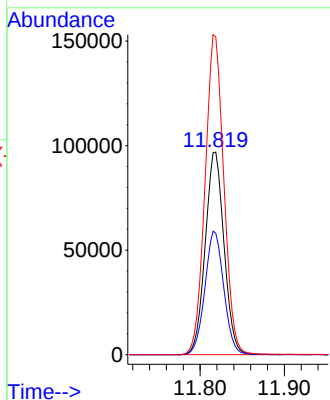
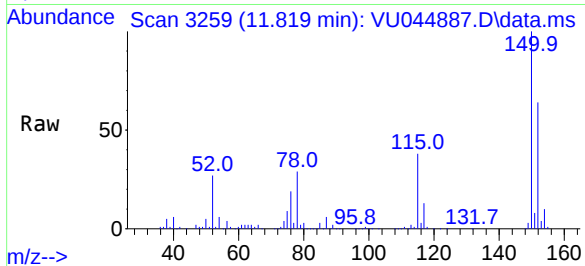




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.003 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

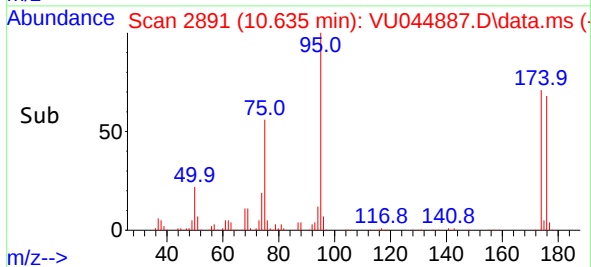
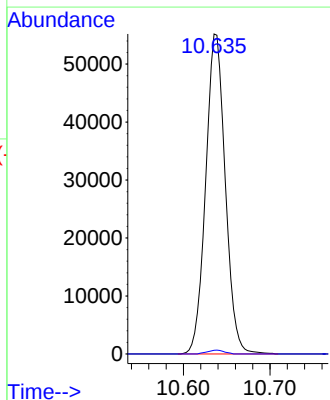
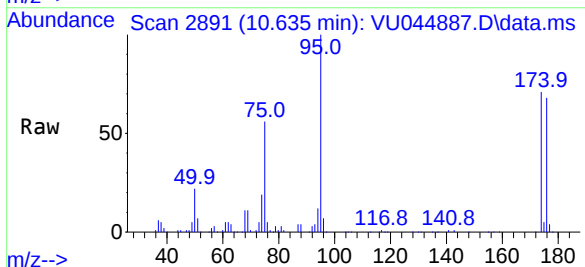
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

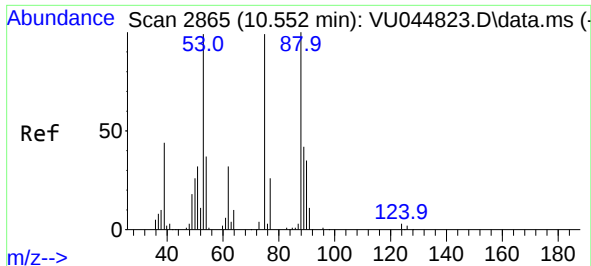
Tgt Ion:152 Resp: 151171
Ion Ratio Lower Upper
152 100
115 61.1 43.5 130.7
150 157.2 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 18.953 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Tgt Ion: 75 Resp: 86761
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#

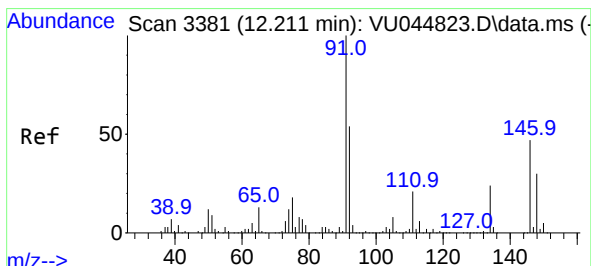
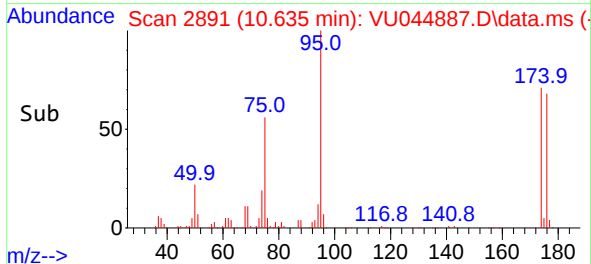
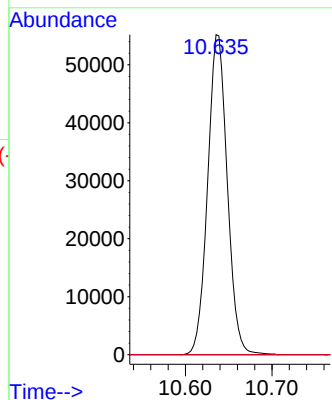
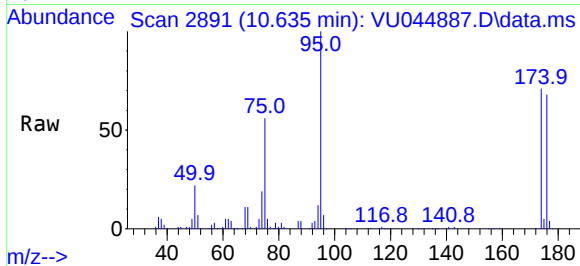




#81
trans-1,4-Dichloro-2-butene
Concen: 61.397 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

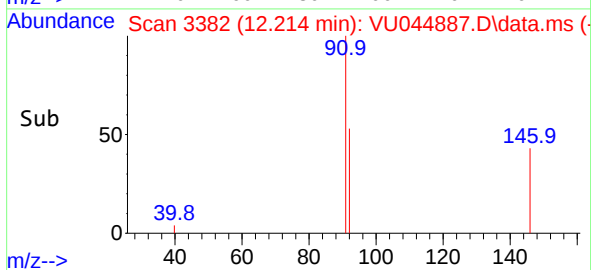
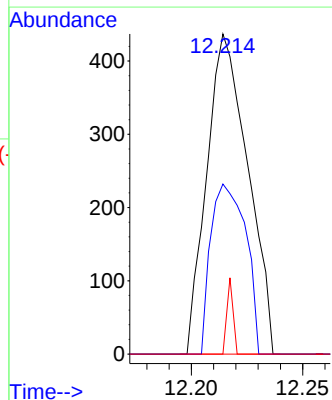
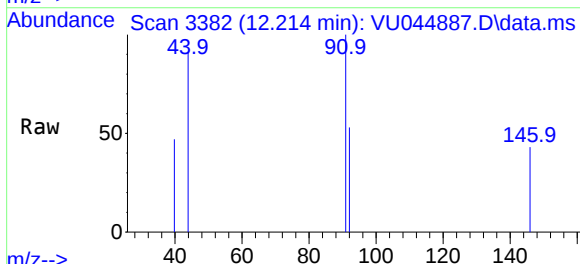
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

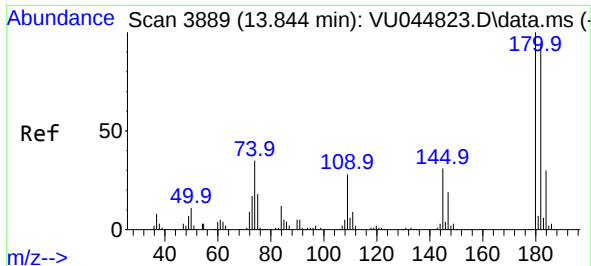
Tgt Ion: 75 Resp: 86761
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#89
n-Butylbenzene
Concen: 1.333 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

Tgt Ion: 91 Resp: 559
Ion Ratio Lower Upper
91 100
92 45.3 26.8 80.4
134 3.6 11.8 35.4#

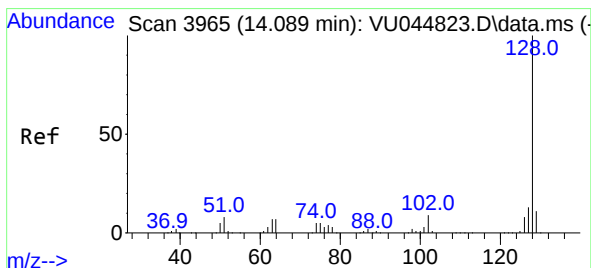
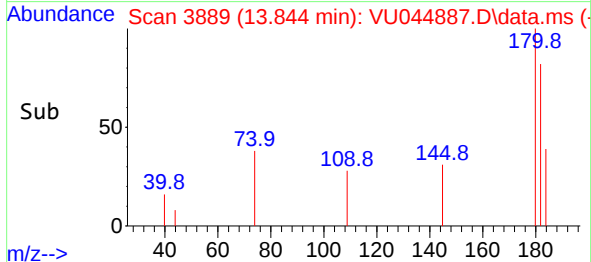
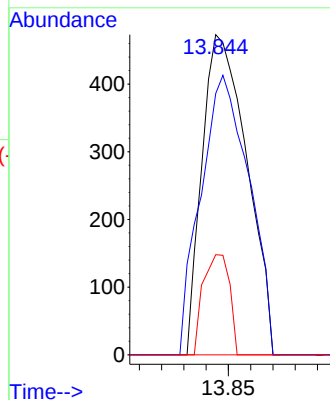
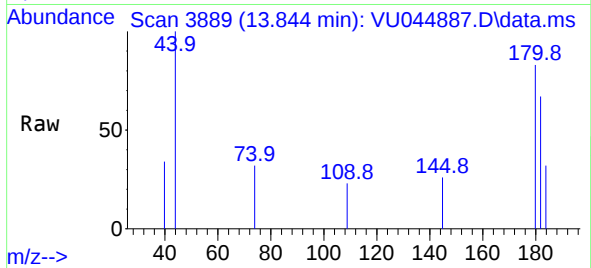




#93
1,2,4-Trichlorobenzene
Concen: 0.227 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

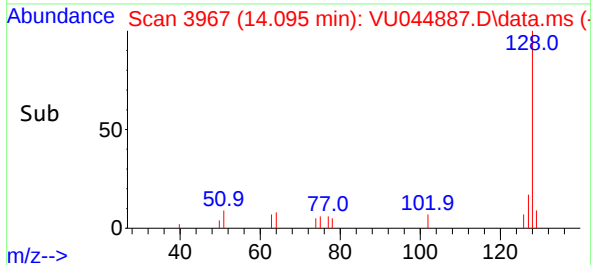
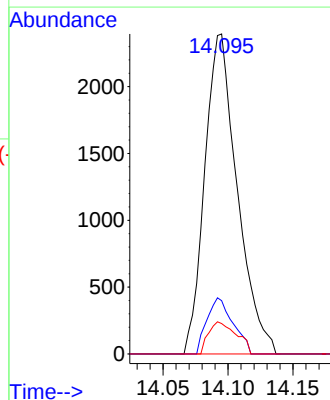
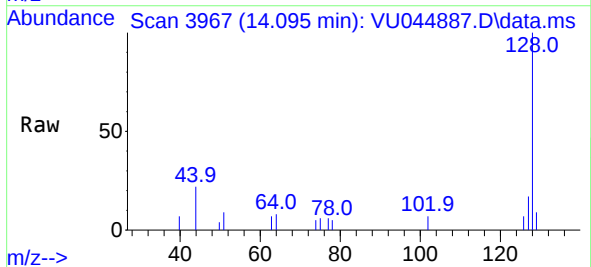
Instrument :
MSVOA_U
ClientSampleId :
VU0927WBL01

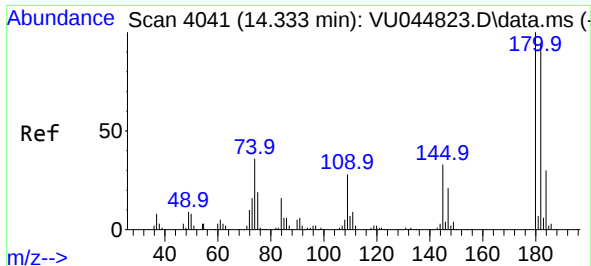
Tgt Ion:	180	Resp:	661
Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.3
145	18.3	15.4	46.2



#95
Naphthalene
Concen: 1.296 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.006 min
Lab File: VU044887.D
Acq: 27 Sep 2021 13:48

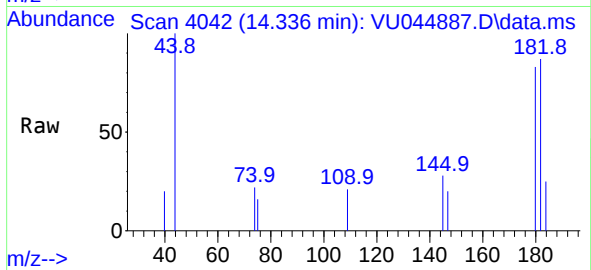
Tgt Ion:	128	Resp:	4168
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.4	15.6
129	8.6	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.237 ug/l
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044887.D
 Acq: 27 Sep 2021 13:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0927WBL01



Tgt Ion:180 Resp: 702

Ion	Ratio	Lower	Upper
180	100		
182	111.1	47.1	141.4
145	20.8	16.4	49.2

