

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044915.D
 Acq On : 28 Sep 2021 02:41
 Operator : SY/MD
 Sample : M3829-06DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D3-20210917DL

Quant Time: Sep 28 06:31:23 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)

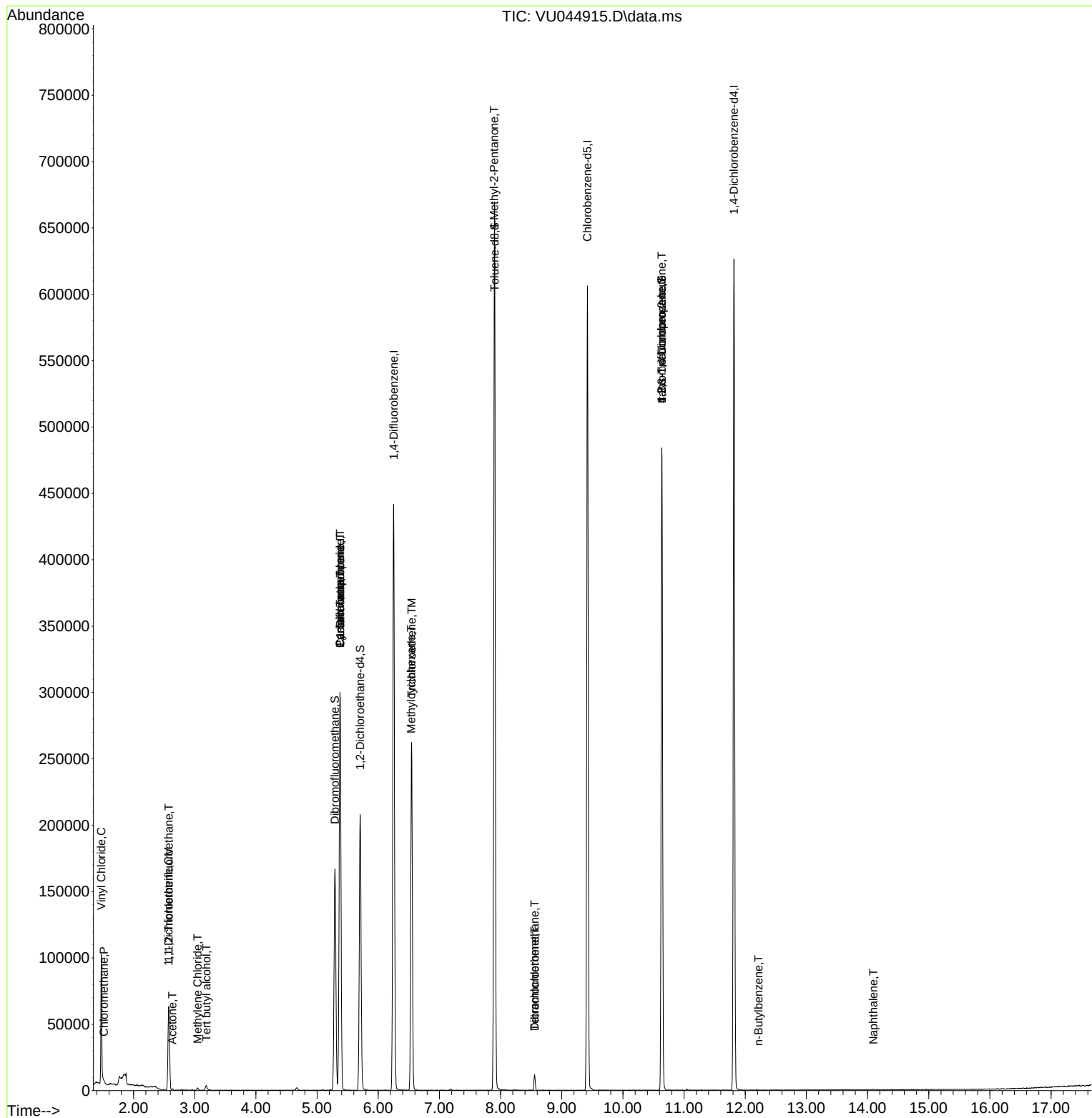
Internal Standards						
1) Pentafluorobenzene	5.375	168	196511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	342045	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	315897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	152984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	154213	44.965	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.920%	
35) Dibromofluoromethane	5.292	113	105748	45.067	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.140%	
50) Toluene-d8	7.902	98	425216	47.981	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.960%	
62) 4-Bromofluorobenzene	10.635	95	162815	49.464	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.920%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	797	0.223	ug/l #	88
4) Vinyl Chloride	1.472	62	717	0.215	ug/l #	1
5) Bromomethane	1.838	94	601	Below Cal		90
6) Chloroethane	1.951	64	71	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	2.575	101	24827	10.385	ug/l	99
11) Tert butyl alcohol	3.192	59	2541	2.538	ug/l #	72
12) 1,1-Dichloroethene	2.571	96	485	0.205	ug/l	79
16) Acetone	2.636	43	866	0.448	ug/l #	76
20) Methylene Chloride	3.044	84	878	0.280	ug/l #	91
31) Cyclohexane	5.375	56	5261	1.068	ug/l #	11
36) 1,1-Dichloropropene	5.375	75	18483	5.093	ug/l #	49
38) Carbon Tetrachloride	5.375	117	20466	6.308	ug/l #	15
39) Methylcyclohexane	6.539	83	1003	0.244	ug/l #	1
44) Trichloroethene	6.546	130	82615	31.067	ug/l	99
51) 4-Methyl-2-Pentanone	7.896	43	1920	0.362	ug/l #	1
60) Dibromochloromethane	8.555	129	2368	0.874	ug/l #	10
64) Tetrachloroethene	8.555	164	2542	1.187	ug/l	90
76) 1,2,3-Trichloropropane	10.635	75	89054	19.223	ug/l #	40
81) trans-1,4-Dichloro-2-b...	10.635	75	89054	62.273	ug/l #	9
89) n-Butylbenzene	12.214	91	20	1.278	ug/l #	33
95) Naphthalene	14.095	128	755	1.006	ug/l #	69

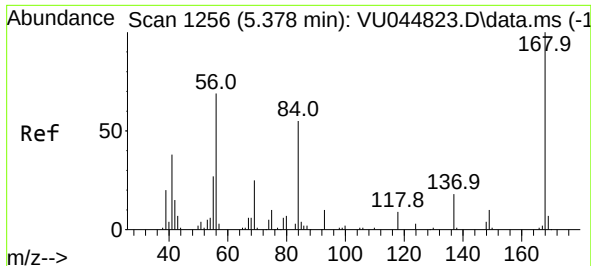
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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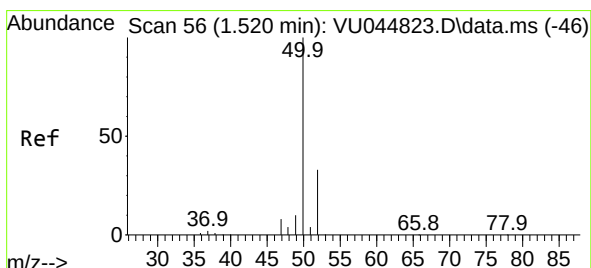
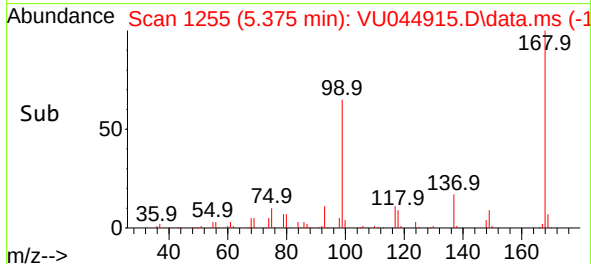
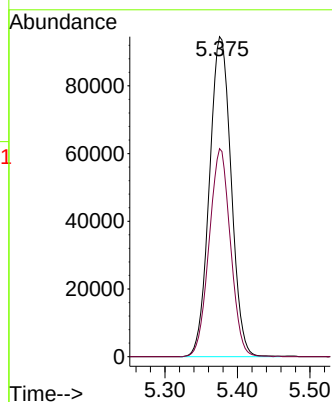
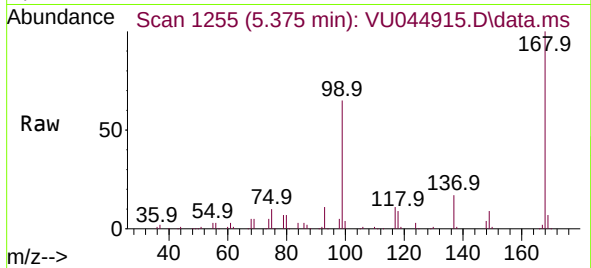




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

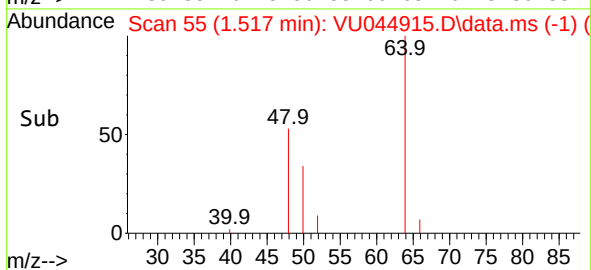
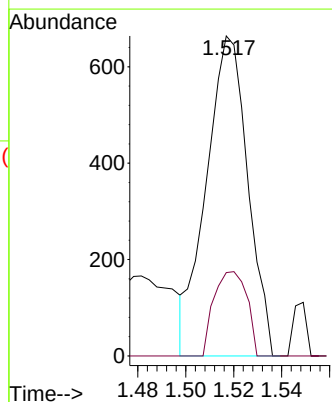
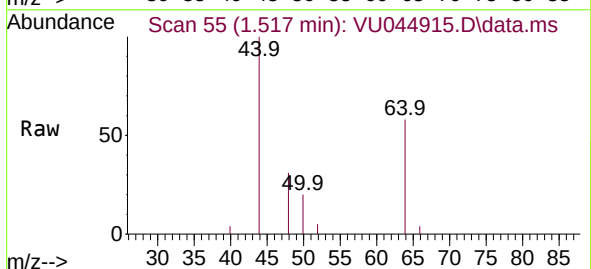
Instrument :
MSVOA_U
ClientSampleId :
RE125D3-20210917DL

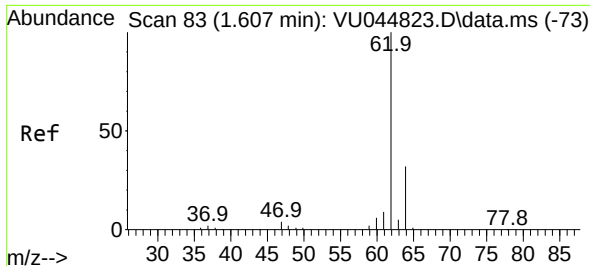
Tgt Ion:168 Resp: 196511
Ion Ratio Lower Upper
168 100
99 65.0 51.4 77.0



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

Tgt Ion: 50 Resp: 797
Ion Ratio Lower Upper
50 100
52 26.1 26.3 39.5#

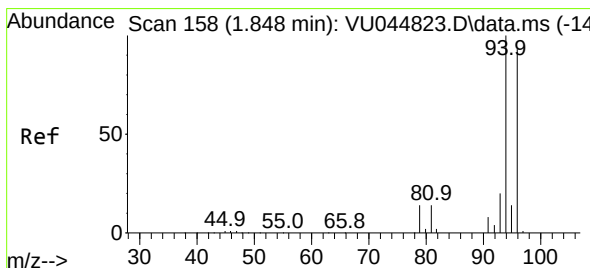
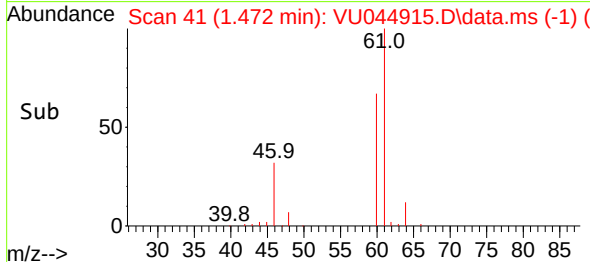
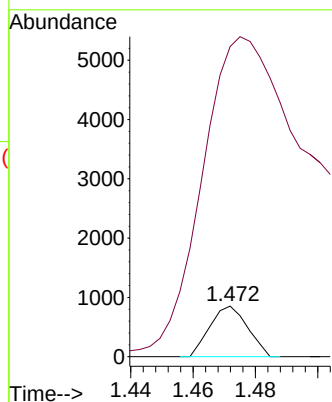
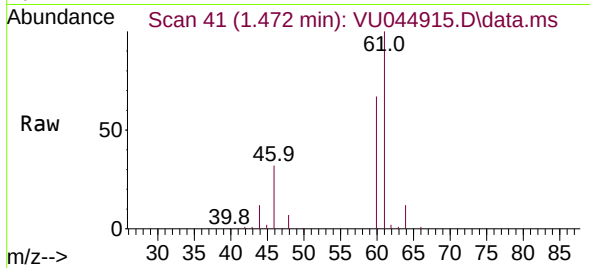




#4
 Vinyl Chloride
 Concen: 0.215 ug/l
 RT: 1.472 min Scan# 41
 Delta R.T. -0.135 min
 Lab File: VU044915.D
 Acq: 28 Sep 2021 02:41

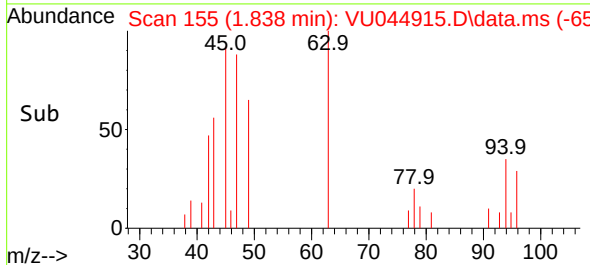
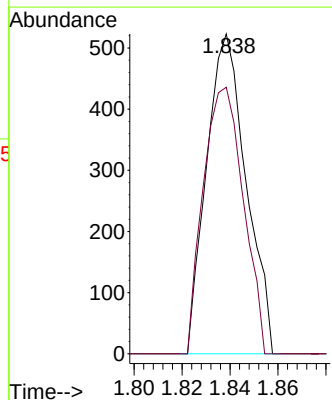
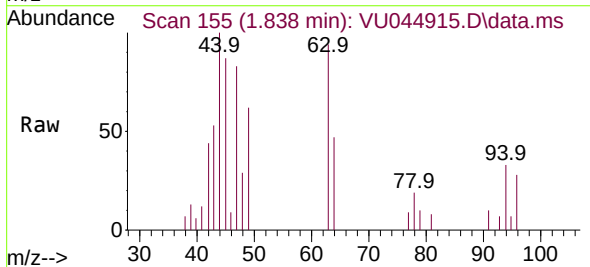
Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D3-20210917DL

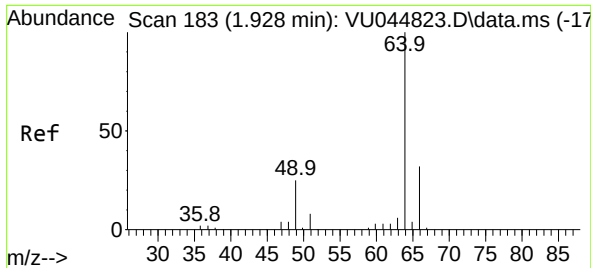
Tgt Ion: 62 Resp: 717
 Ion Ratio Lower Upper
 62 100
 64 484.0 25.6 38.4#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.838 min Scan# 155
 Delta R.T. -0.010 min
 Lab File: VU044915.D
 Acq: 28 Sep 2021 02:41

Tgt Ion: 94 Resp: 601
 Ion Ratio Lower Upper
 94 100
 96 83.4 74.5 111.7

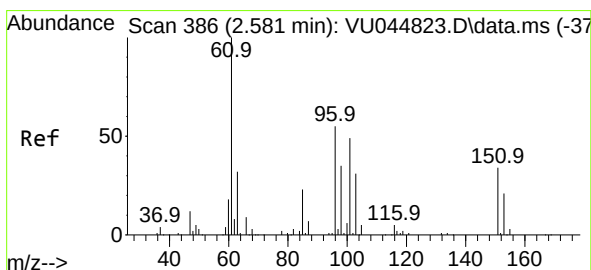
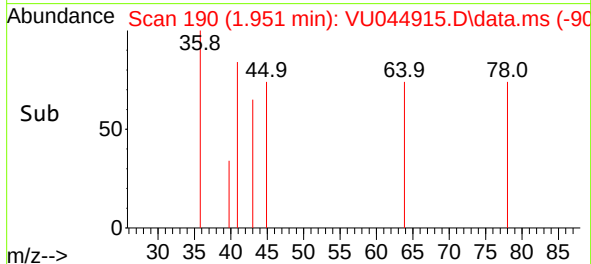
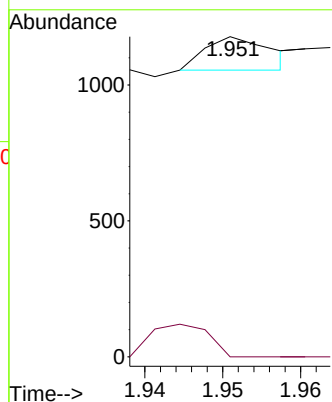
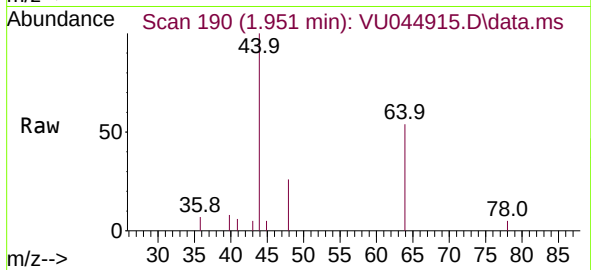




#6
Chloroethane
Concen: Below Cal
RT: 1.951 min Scan# 190
Delta R.T. 0.023 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

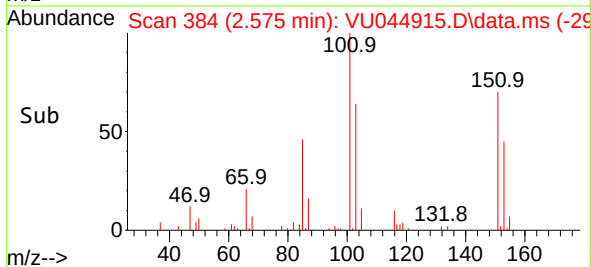
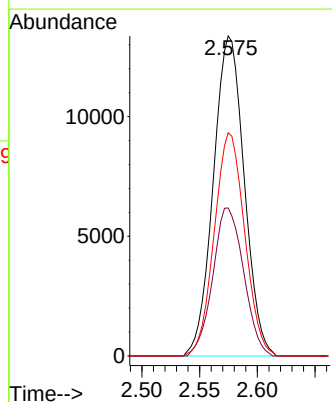
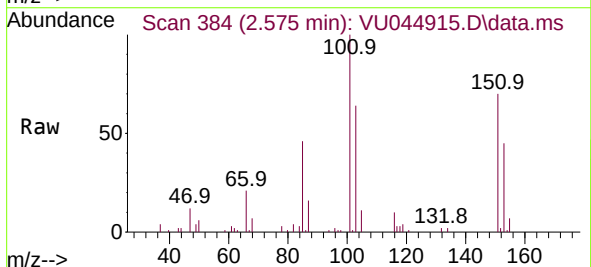
Instrument :
MSVOA_U
ClientSampleId :
RE125D3-20210917DL

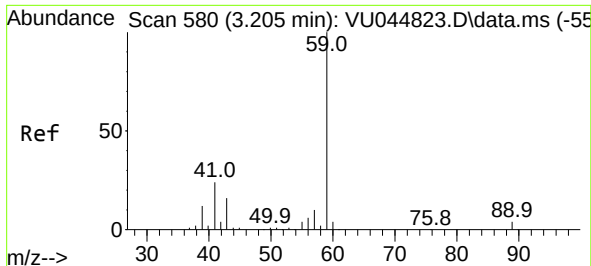
Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.385 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

Tgt Ion: 101 Resp: 24827
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 68.7 55.8 83.8



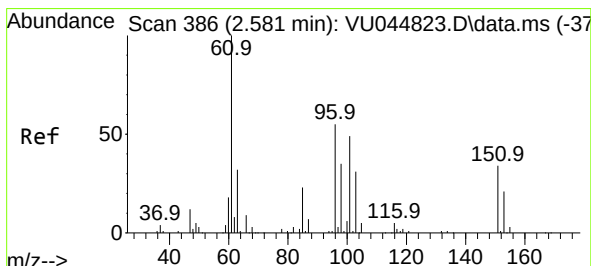
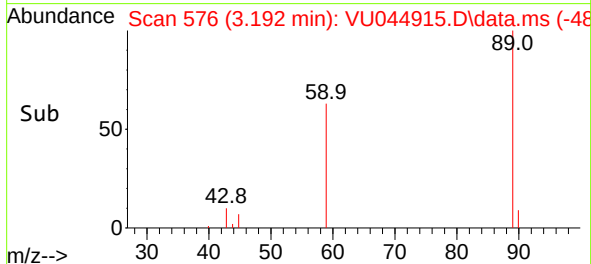
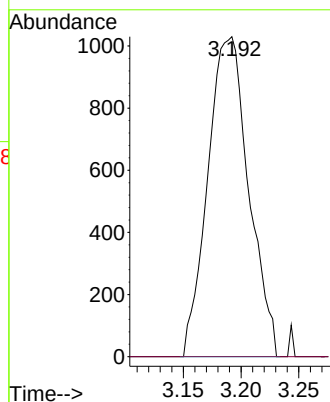
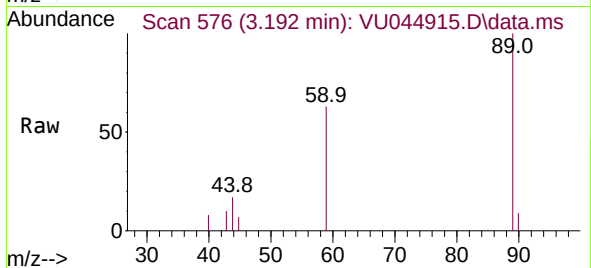


#11

Tert butyl alcohol
Concen: 2.538 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.013 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

Instrument :
MSVOA_U
ClientSampleId :
RE125D3-20210917DL

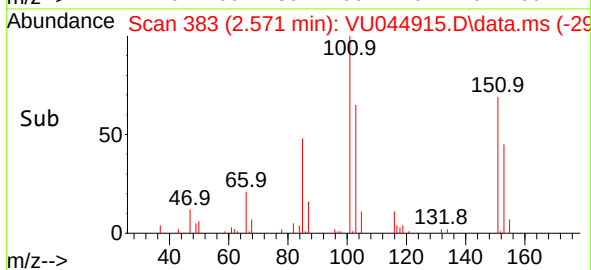
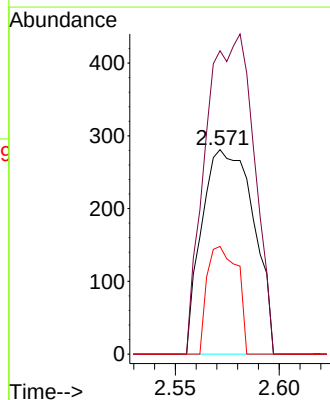
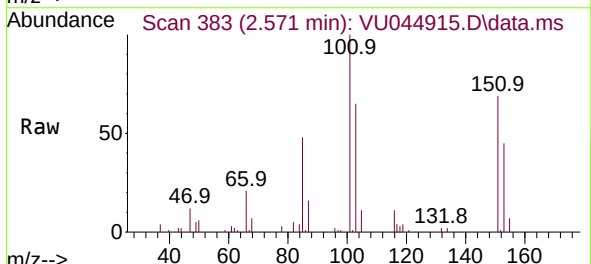
Tgt Ion: 59 Resp: 2541
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

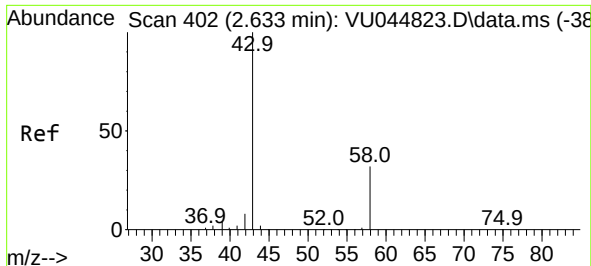


#12

1,1-Dichloroethene
Concen: 0.205 ug/l
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

Tgt Ion: 96 Resp: 485
Ion Ratio Lower Upper
96 100
61 148.4 145.4 218.0
98 52.7 50.9 76.3

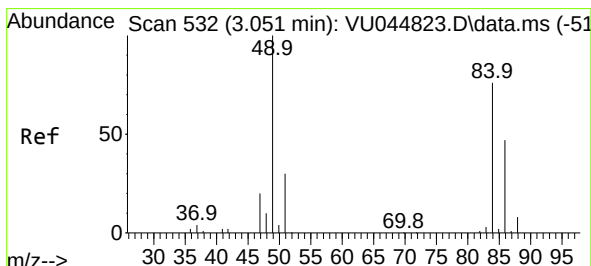
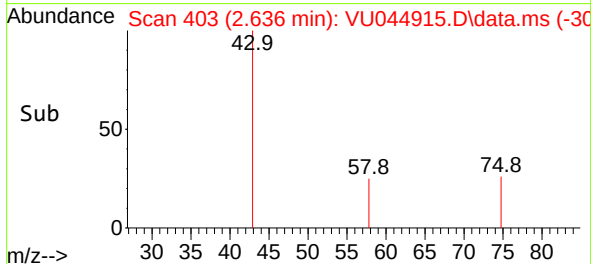
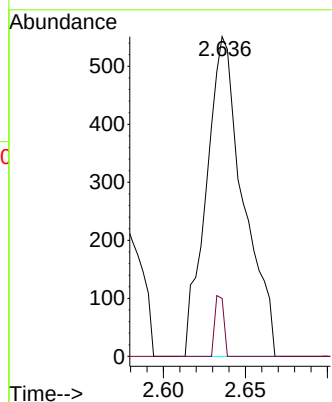
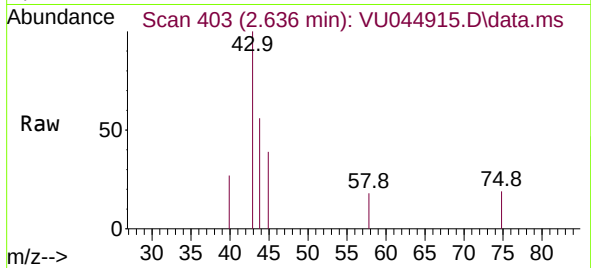




#16
Acetone
Concen: 0.448 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

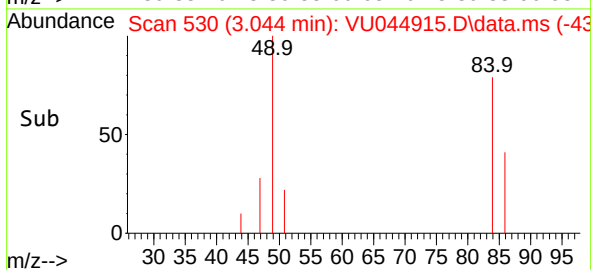
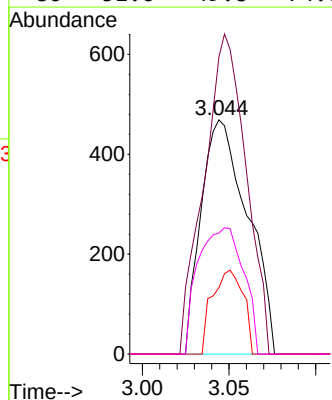
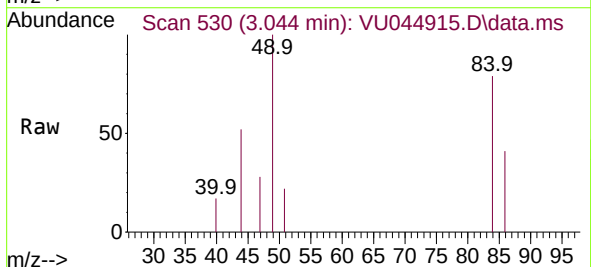
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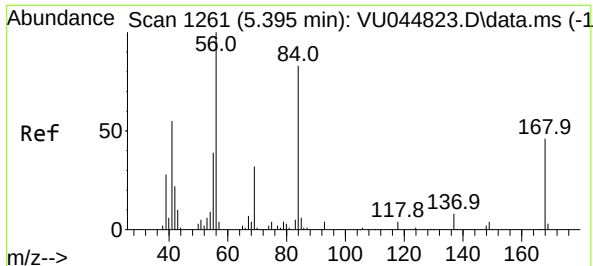
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 18.1 25.2 37.8#



#20
Methylene Chloride
Concen: 0.280 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.006 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

Tgt Ion: 84 Resp: 878
Ion Ratio Lower Upper
84 100
49 126.9 104.9 157.3
51 28.4 31.8 47.8#
86 51.6 49.8 74.6

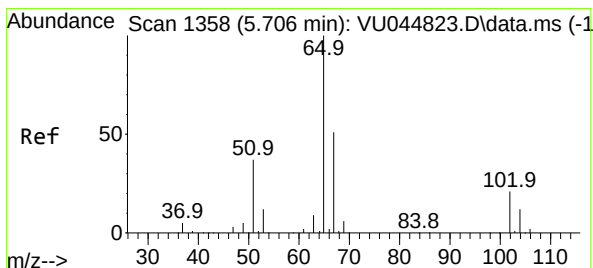
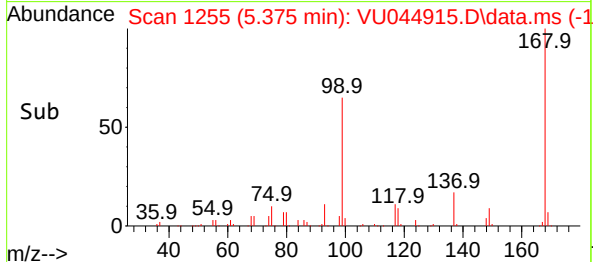
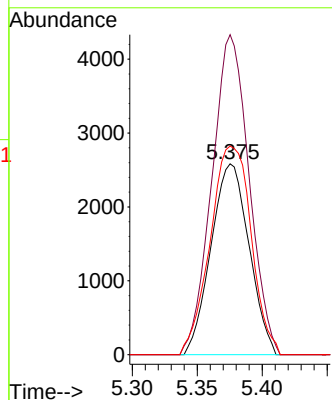
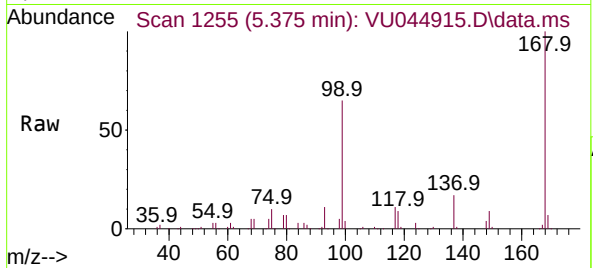




#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.019 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

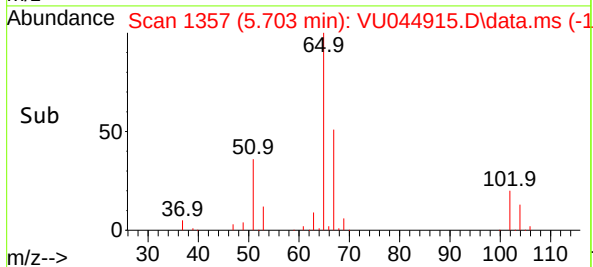
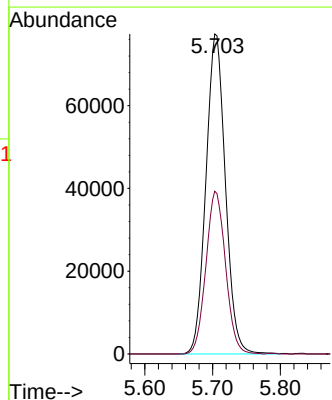
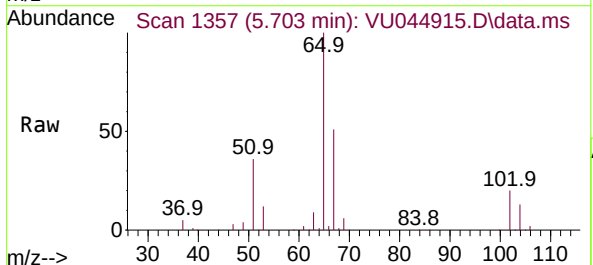
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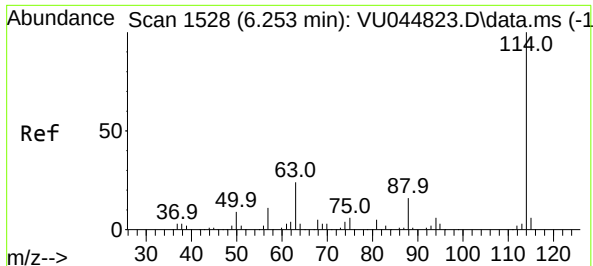
Tgt Ion: 56 Resp: 5261
Ion Ratio Lower Upper
56 100
69 167.6 25.2 37.8#
84 109.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 44.965 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

Tgt Ion: 65 Resp: 154213
Ion Ratio Lower Upper
65 100
67 51.2 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: VU044915.D

Acq: 28 Sep 2021 02:41

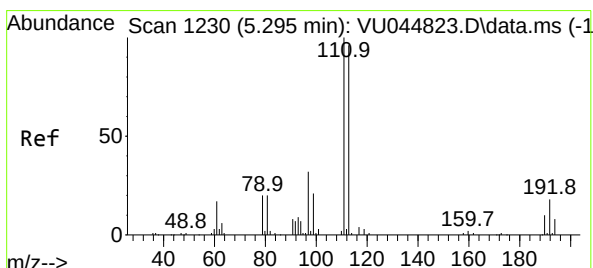
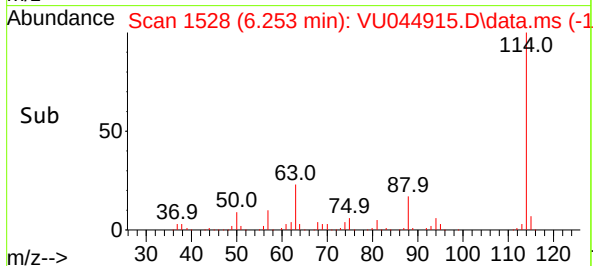
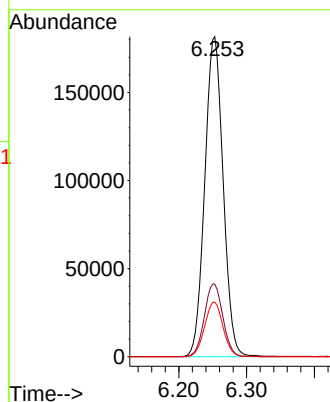
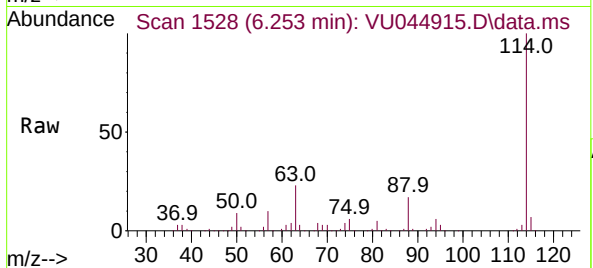
Tgt Ion:114 Resp: 342045

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.8

88 17.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.067 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU044915.D

Acq: 28 Sep 2021 02:41

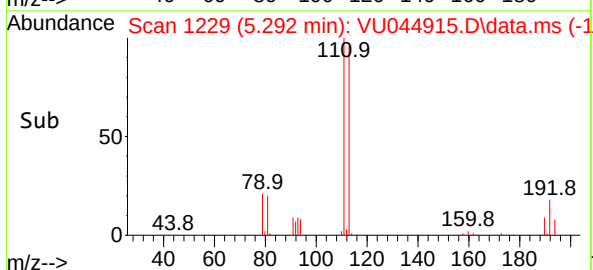
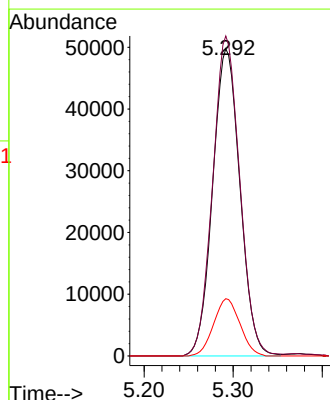
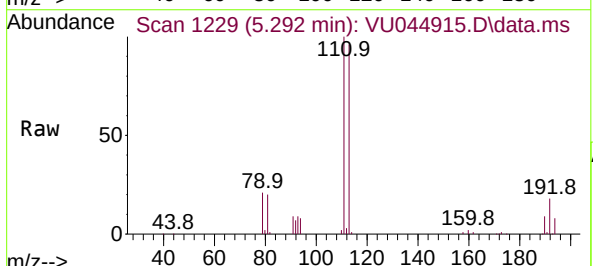
Tgt Ion:113 Resp: 105748

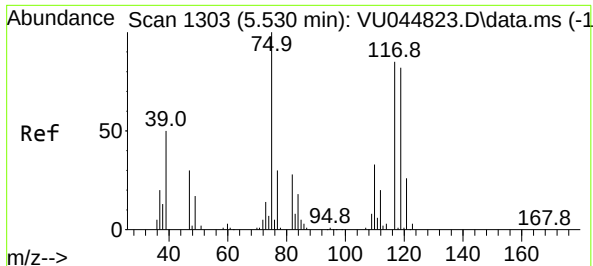
Ion Ratio Lower Upper

113 100

111 103.4 84.1 126.1

192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.093 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU044915.D

Acq: 28 Sep 2021 02:41

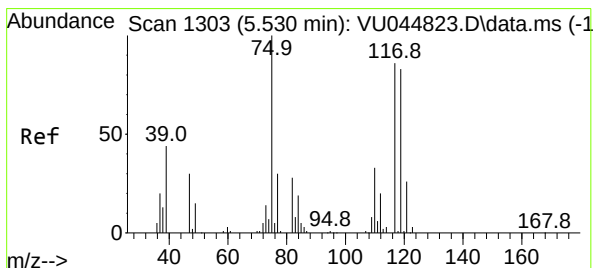
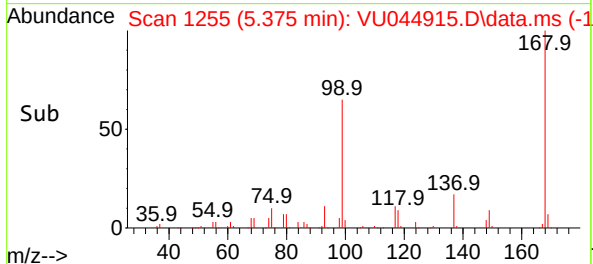
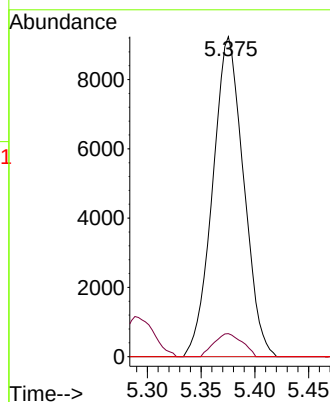
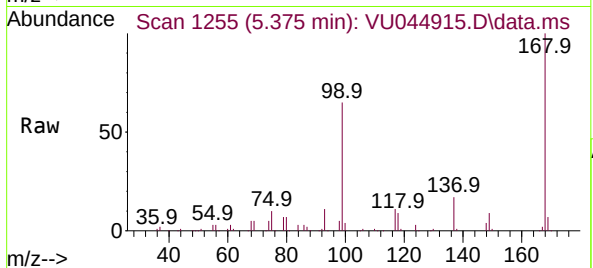
Instrument :

MSVOA_U

ClientSampleId :

RE125D3-20210917DL

Tgt Ion:	75	Resp:	18483
Ion Ratio	Lower	Upper	
75	100		
110	6.6	16.3	48.9#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.308 ug/l

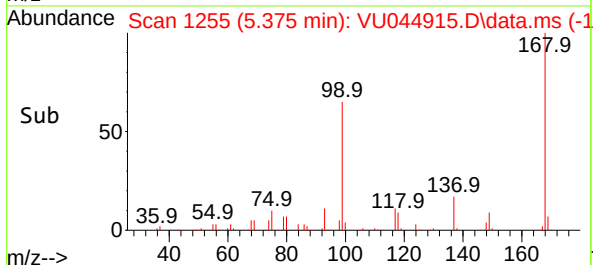
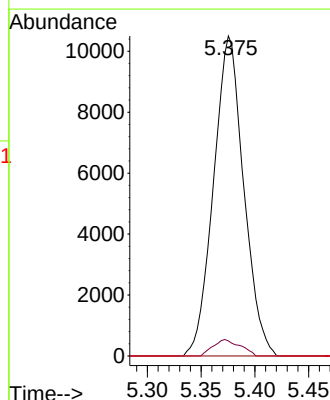
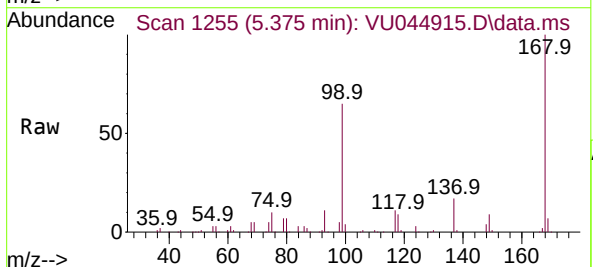
RT: 5.375 min Scan# 1255

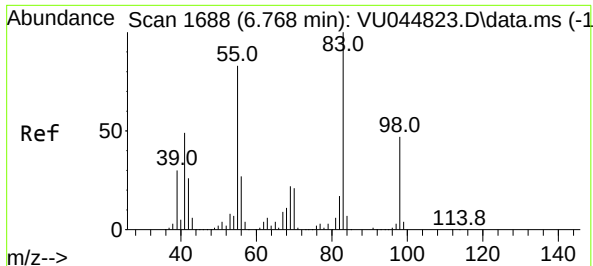
Delta R.T. -0.154 min

Lab File: VU044915.D

Acq: 28 Sep 2021 02:41

Tgt Ion:	117	Resp:	20466
Ion Ratio	Lower	Upper	
117	100		
119	4.7	77.4	116.2#
121	0.0	24.5	36.7#





#39

Methylcyclohexane

Concen: 0.244 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.228 min

Lab File: VU044915.D

Acq: 28 Sep 2021 02:41

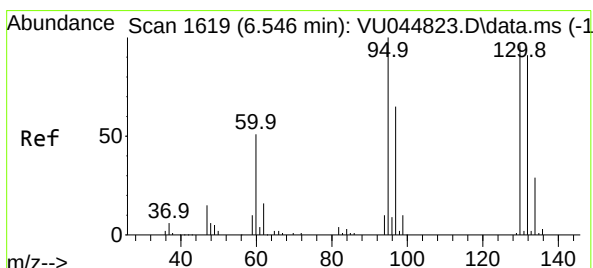
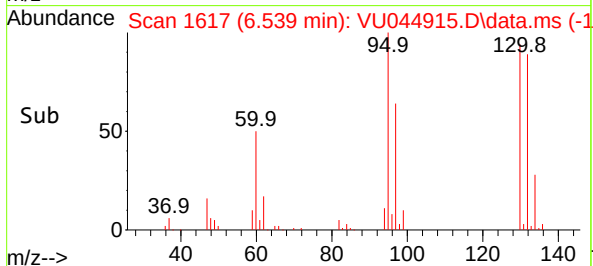
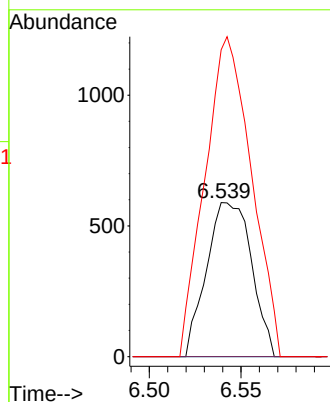
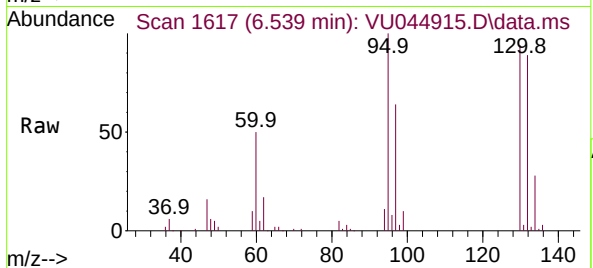
Tgt Ion:	83	Resp:	1003
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	199.3	37.5	56.3#

Instrument :

MSVOA_U

ClientSampleId :

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#44

Trichloroethene

Concen: 31.067 ug/l

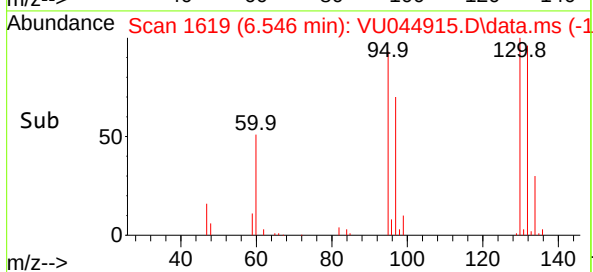
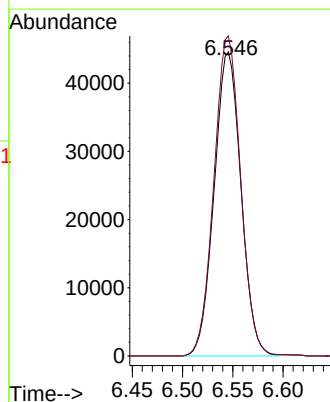
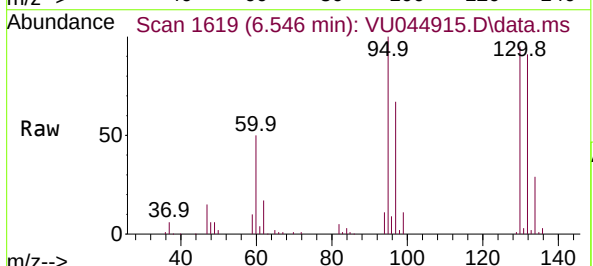
RT: 6.546 min Scan# 1619

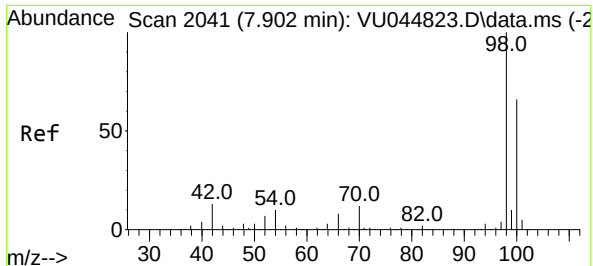
Delta R.T. -0.000 min

Lab File: VU044915.D

Acq: 28 Sep 2021 02:41

Tgt Ion:	130	Resp:	82615
Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	209.0

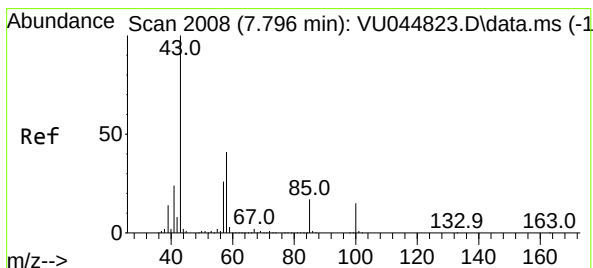
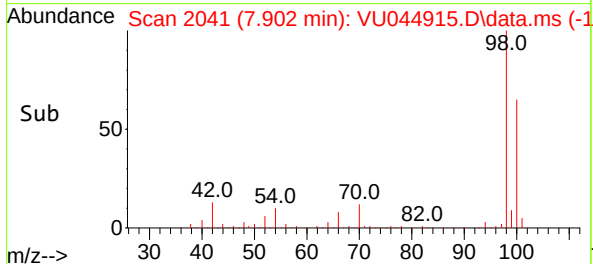
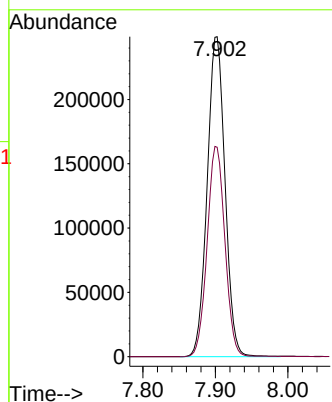
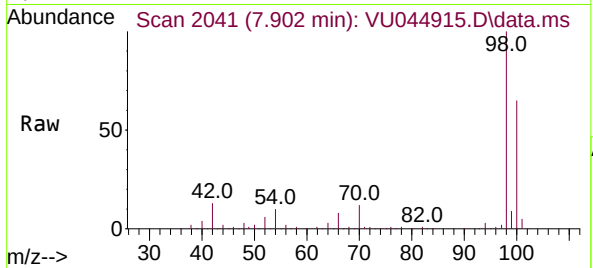




#50
Toluene-d8
Concen: 47.981 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

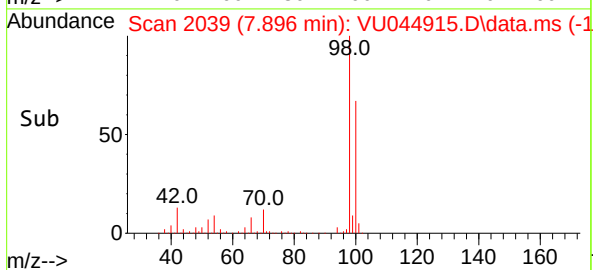
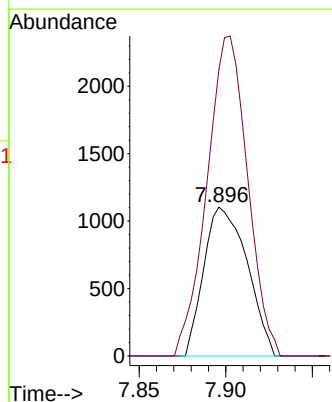
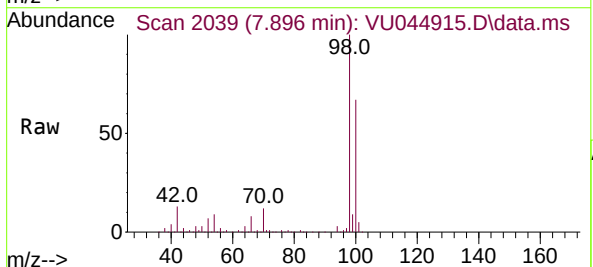
Instrument :
MSVOA_U
ClientSampleId :
RE125D3-20210917DL

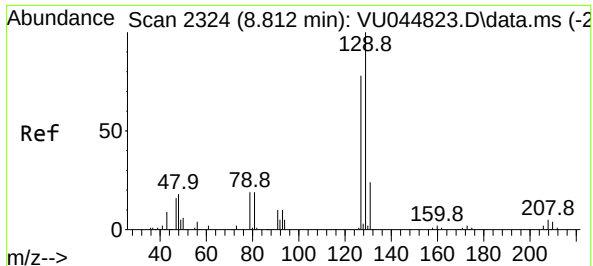
Tgt Ion: 98 Resp: 425216
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.362 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.100 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 201.5 32.4 48.6#

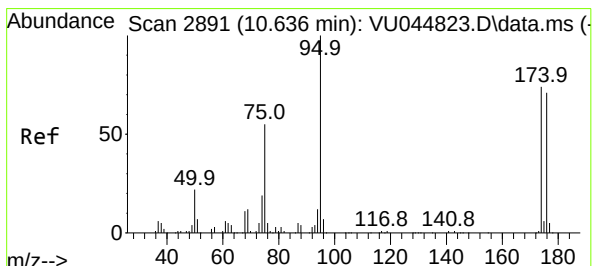
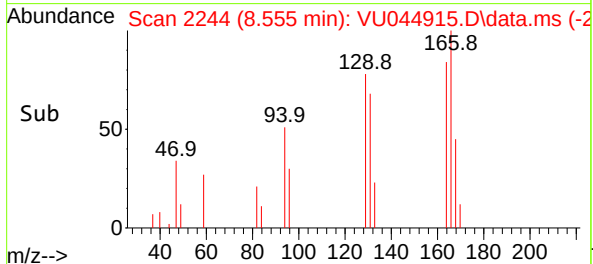
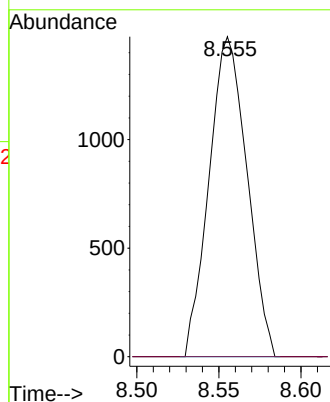
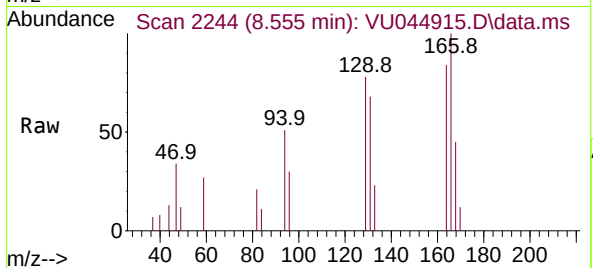




#60
Dibromochloromethane
Concen: 0.874 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

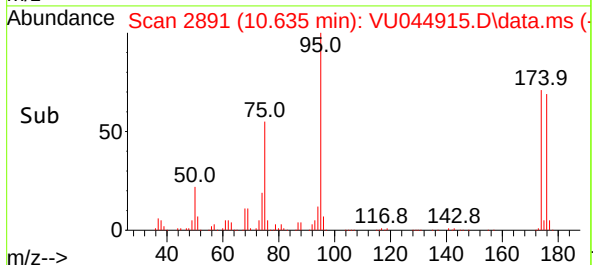
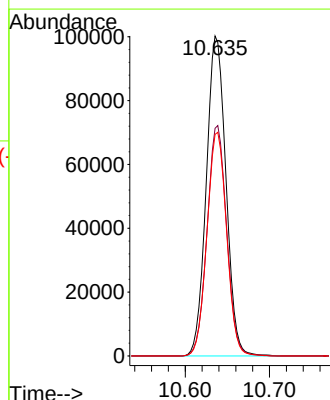
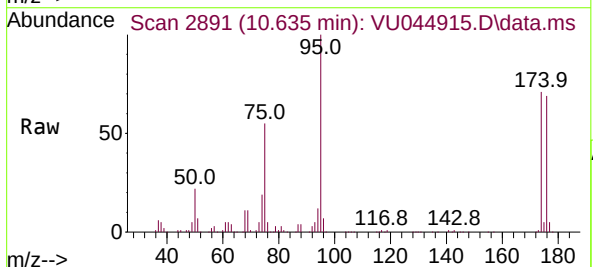
Instrument :
MSVOA_U
ClientSampleId :
RE125D3-20210917DL

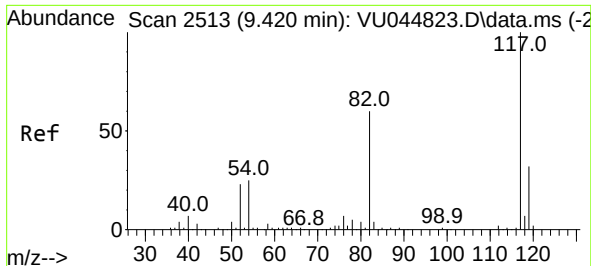
Tgt Ion:129 Resp: 2368
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 49.464 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

Tgt Ion: 95 Resp: 162815
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.6
176 69.8 0.0 141.2

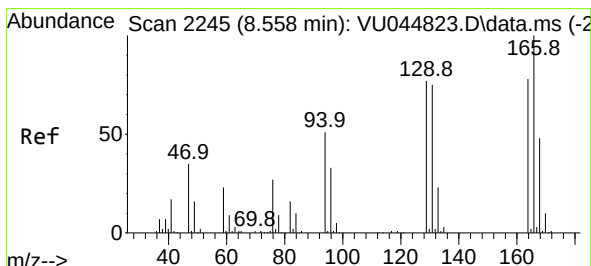
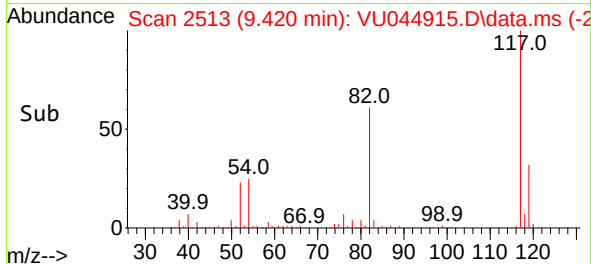
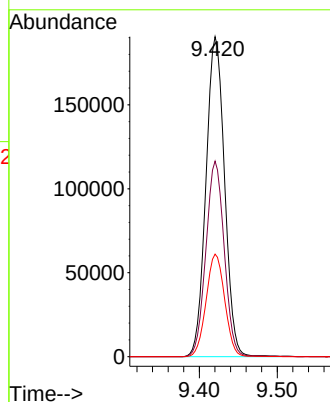
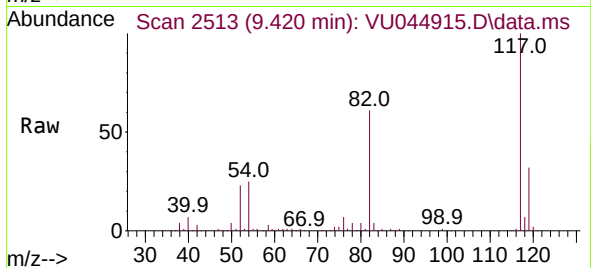




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

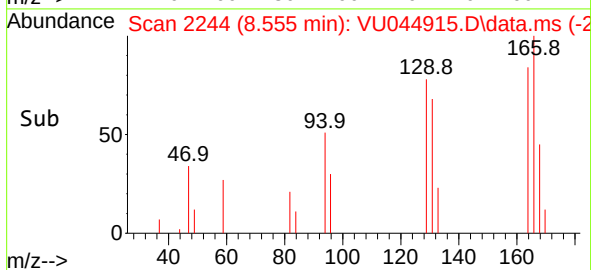
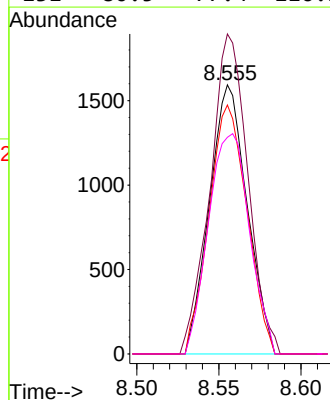
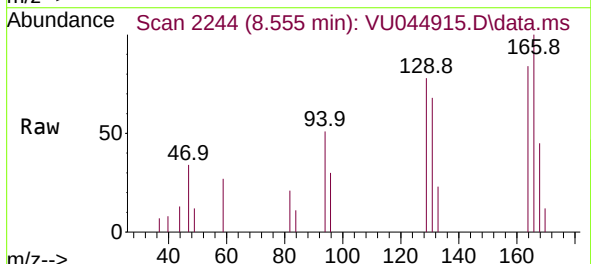
Instrument :
MSVOA_U
ClientSampleId :
RE125D3-20210917DL

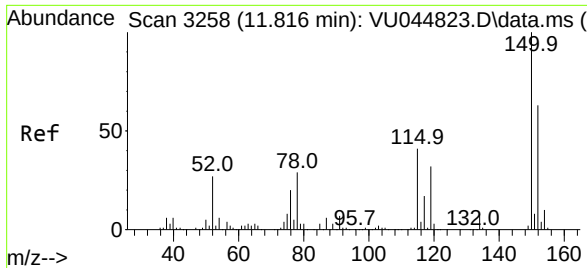
Tgt Ion:117 Resp: 315897
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 1.187 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

Tgt Ion:164 Resp: 2542
Ion Ratio Lower Upper
164 100
166 118.9 102.8 154.2
129 92.5 79.4 119.2
131 80.5 77.4 116.2

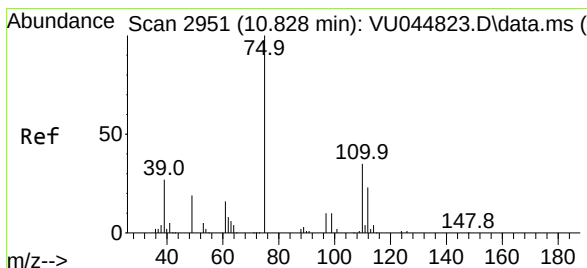
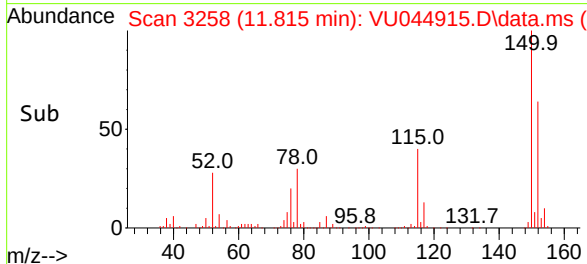
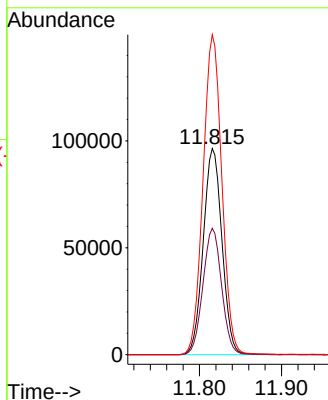
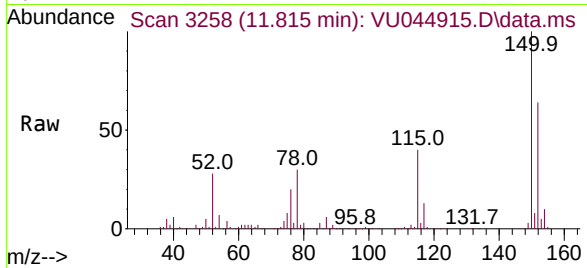




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. -0.000 min
 Lab File: VU044915.D
 Acq: 28 Sep 2021 02:41

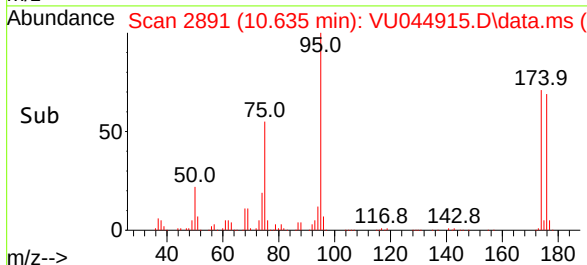
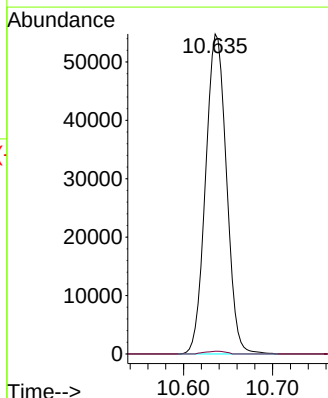
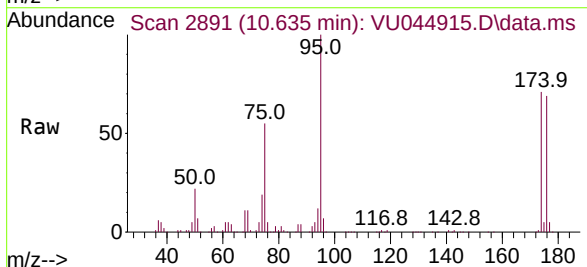
Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D3-20210917DL

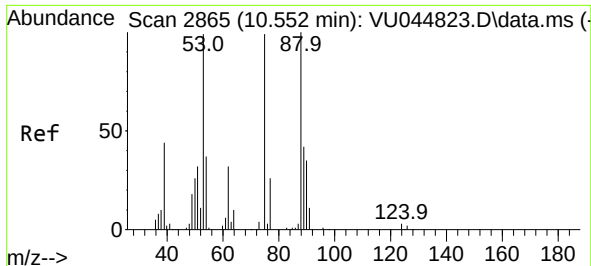
Tgt Ion:152 Resp: 152984
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.5 130.7
 150 155.5 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 19.223 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044915.D
 Acq: 28 Sep 2021 02:41

Tgt Ion: 75 Resp: 89054
 Ion Ratio Lower Upper
 75 100
 77 0.9 17.9 53.7#

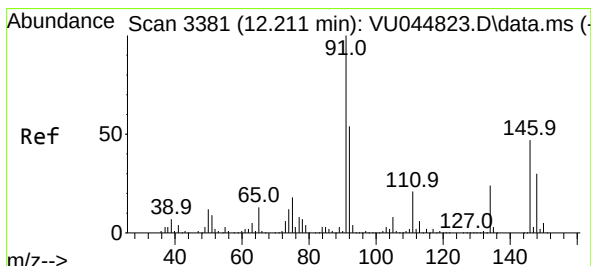
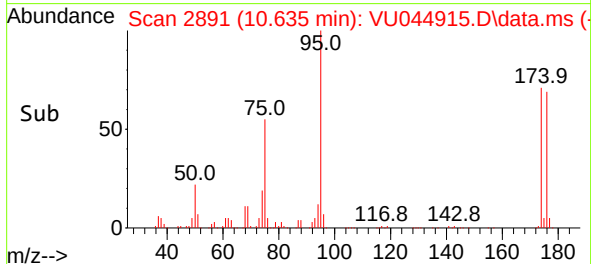
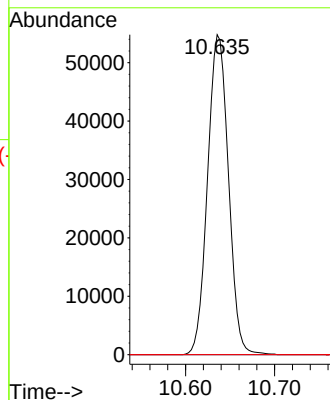
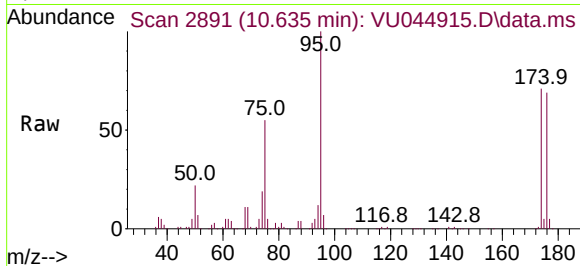




#81
trans-1,4-Dichloro-2-butene
Concen: 62.273 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

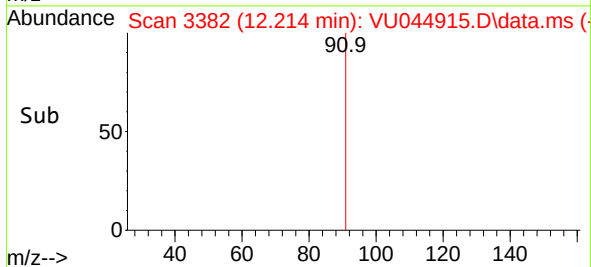
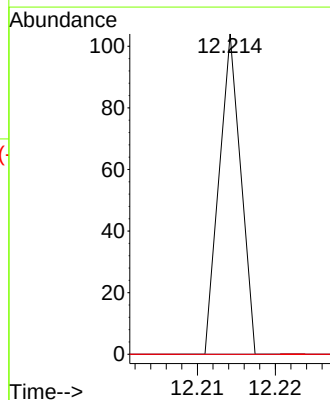
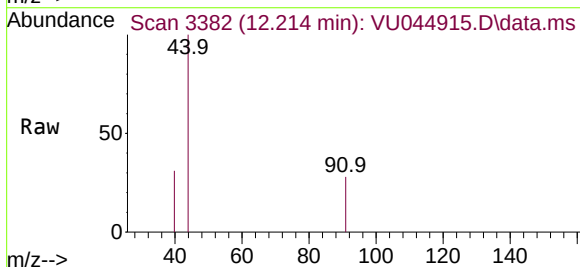
Instrument :
MSVOA_U
ClientSampleId :
RE125D3-20210917DL

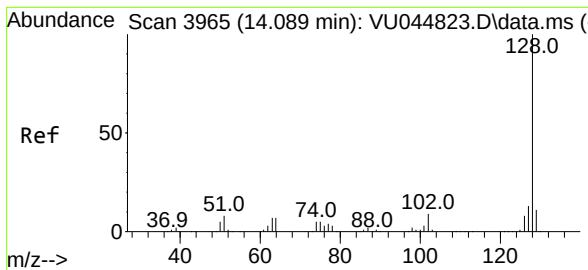
Tgt Ion: 75 Resp: 89054
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#89
n-Butylbenzene
Concen: 1.278 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU044915.D
Acq: 28 Sep 2021 02:41

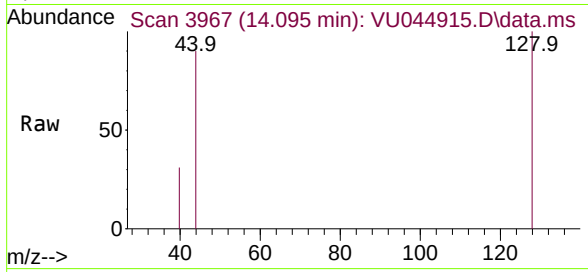
Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
92 0.0 26.8 80.4#
134 0.0 11.8 35.4#





#95
 Naphthalene
 Concen: 1.006 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.006 min
 Lab File: VU044915.D
 Acq: 28 Sep 2021 02:41

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D3-20210917DL



Tgt Ion:	128	Resp:	755
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#

