

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044914.D
 Acq On : 28 Sep 2021 02:17
 Operator : SY/MD
 Sample : M3829-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D1-20210917DL

Quant Time: Sep 28 06:31:14 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)

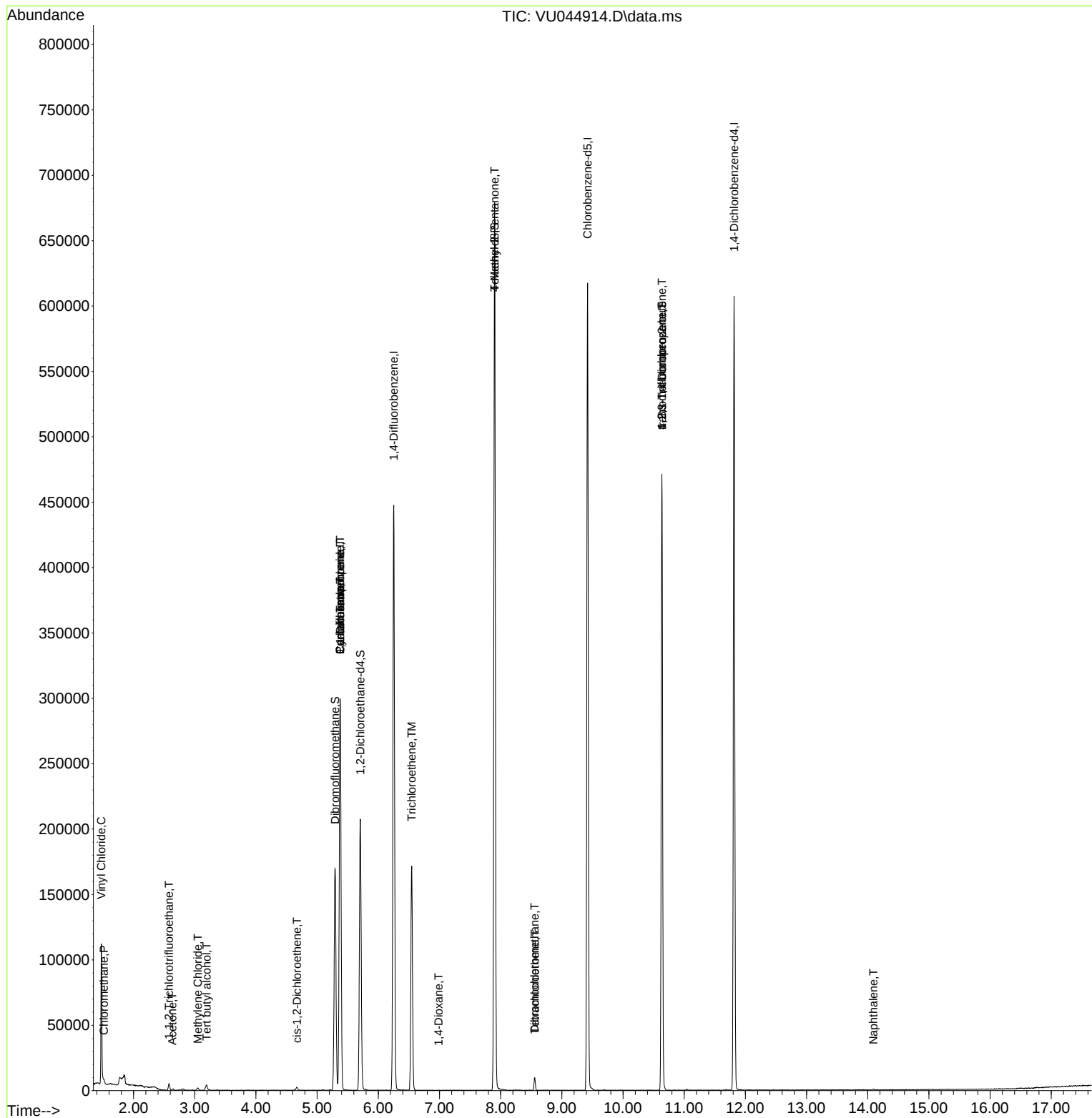
Internal Standards						
1) Pentafluorobenzene	5.375	168	197769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	348448	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	317083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	148609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	154508	44.764	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.520%	
35) Dibromofluoromethane	5.292	113	108012	45.185	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.380%	
50) Toluene-d8	7.903	98	433780	48.048	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.100%	
62) 4-Bromofluorobenzene	10.636	95	154637	46.116	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.240%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	926	0.258	ug/l	99
4) Vinyl Chloride	1.472	62	879	0.262	ug/l #	1
5) Bromomethane	1.842	94	674	Below Cal		94
6) Chloroethane	1.864	64	508	Below Cal #		42
9) 1,1,2-Trichlorotrifluo...	2.578	101	1777	0.739	ug/l	98
11) Tert butyl alcohol	3.195	59	2938	2.916	ug/l #	72
16) Acetone	2.633	43	912	0.468	ug/l	93
20) Methylene Chloride	3.047	84	892	0.283	ug/l	90
27) cis-1,2-Dichloroethene	4.671	96	986	0.318	ug/l	94
31) Cyclohexane	5.375	56	5281	1.066	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	18547	5.017	ug/l #	49
38) Carbon Tetrachloride	5.375	117	20794	6.291	ug/l #	15
44) Trichloroethene	6.546	130	53613	19.790	ug/l	99
49) 1,4-Dioxane	6.986	88	79	0.863	ug/l #	20
51) 4-Methyl-2-Pentanone	7.899	43	1959	0.362	ug/l #	1
60) Dibromochloromethane	8.555	129	1860	0.674	ug/l #	10
64) Tetrachloroethene	8.558	164	1999	0.930	ug/l	89
76) 1,2,3-Trichloropropane	10.636	75	84258	18.724	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	84258	60.654	ug/l #	9
95) Naphthalene	14.092	128	912	1.022	ug/l #	69

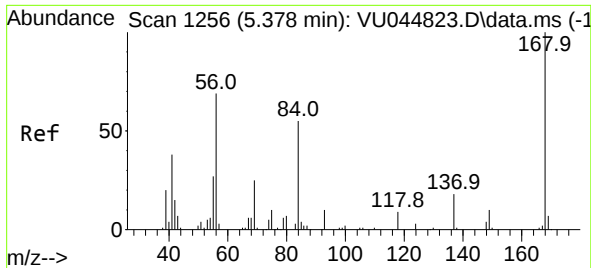
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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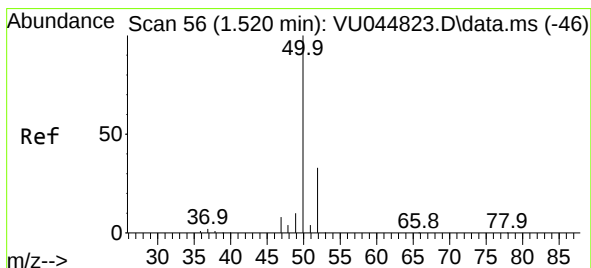
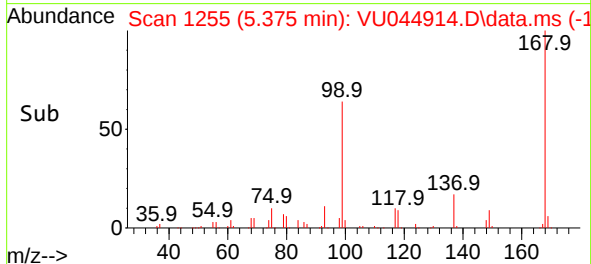
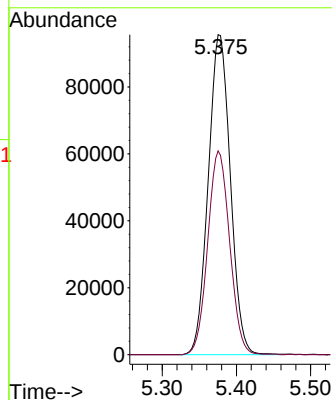
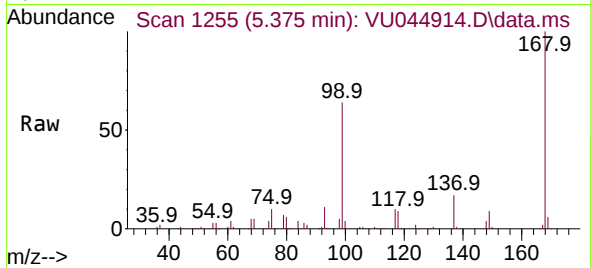




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

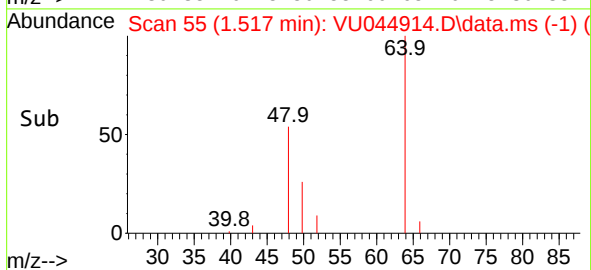
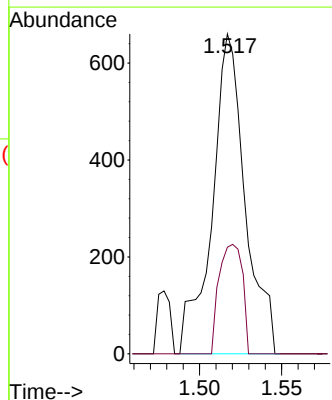
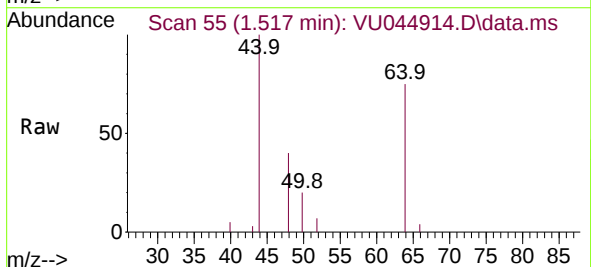
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20210917DL

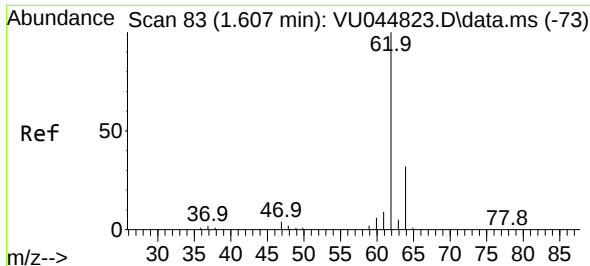
Tgt Ion:168 Resp: 197769
Ion Ratio Lower Upper
168 100
99 63.7 51.4 77.0



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

Tgt Ion: 50 Resp: 926
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5

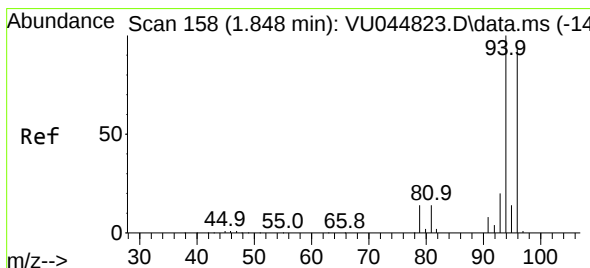
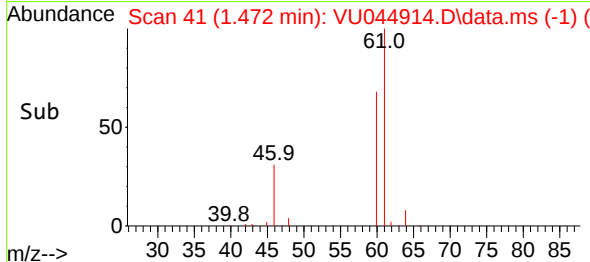
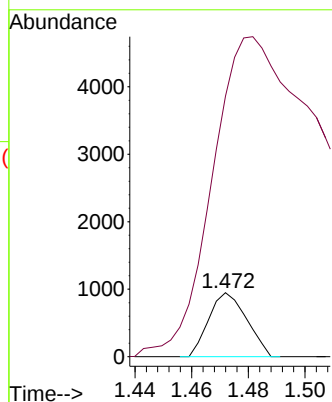
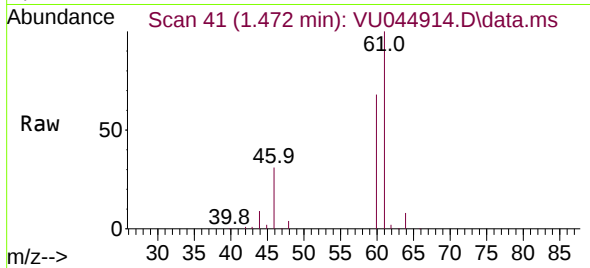




#4
 Vinyl Chloride
 Concen: 0.262 ug/l
 RT: 1.472 min Scan# 41
 Delta R.T. -0.135 min
 Lab File: VU044914.D
 Acq: 28 Sep 2021 02:17

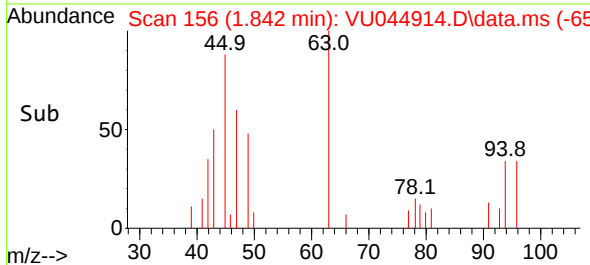
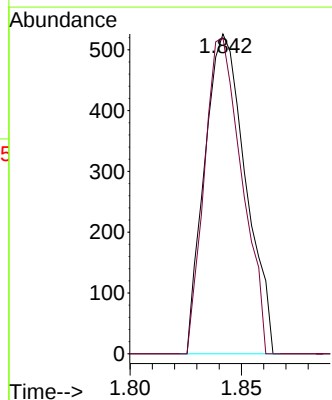
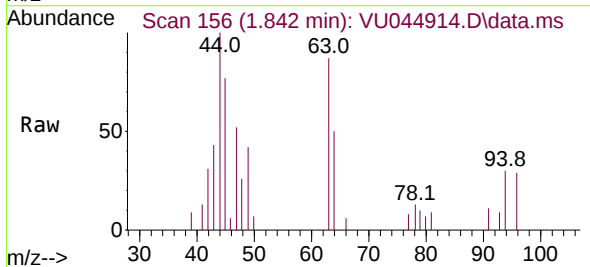
Instrument :
 MSVOA_U
 ClientSampleId :
 RE125D1-20210917DL

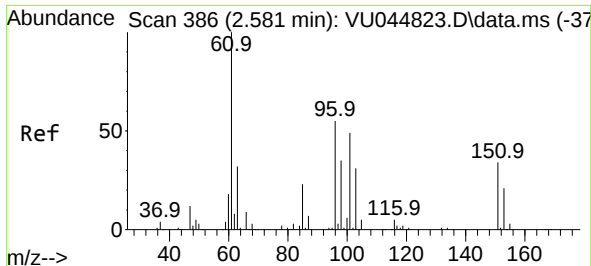
Tgt Ion: 62 Resp: 879
 Ion Ratio Lower Upper
 62 100
 64 360.6 25.6 38.4#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.842 min Scan# 156
 Delta R.T. -0.006 min
 Lab File: VU044914.D
 Acq: 28 Sep 2021 02:17

Tgt Ion: 94 Resp: 674
 Ion Ratio Lower Upper
 94 100
 96 98.9 74.5 111.7

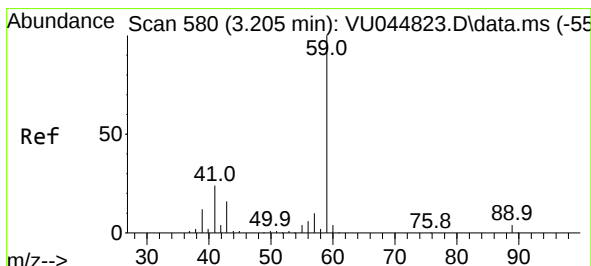
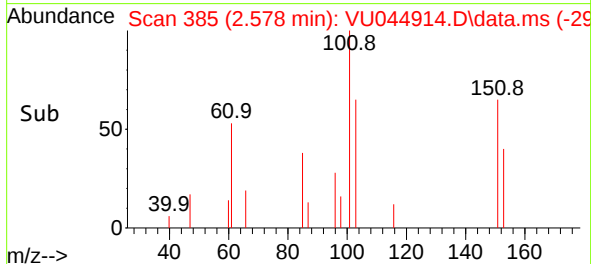
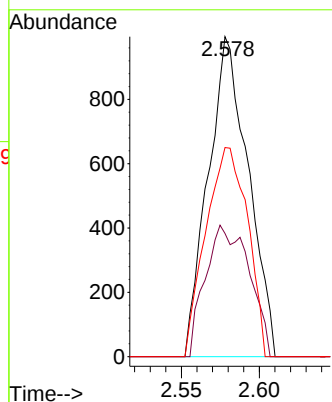
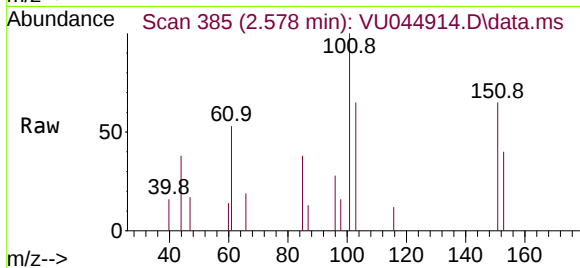




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.739 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

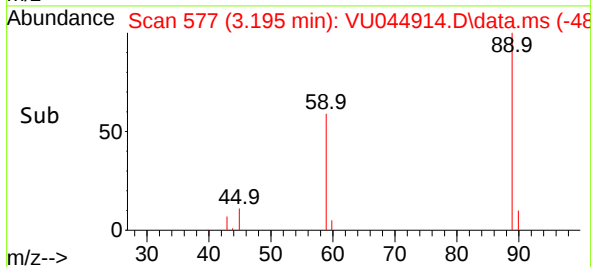
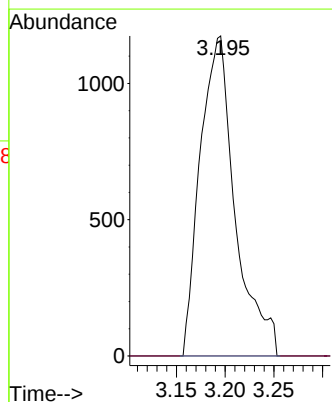
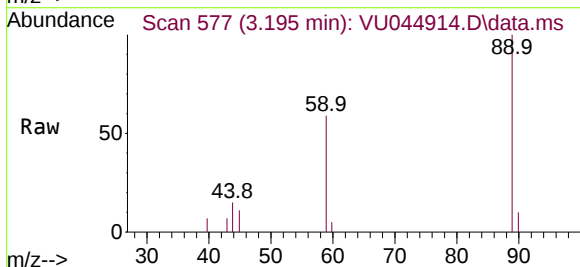
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20210917DL

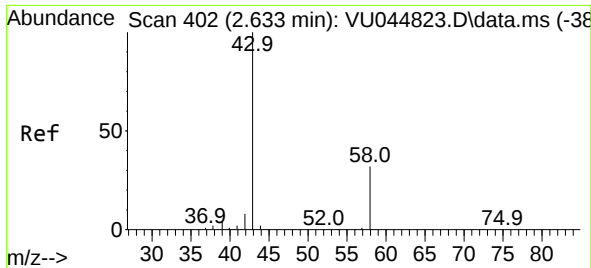
Tgt Ion:101 Resp: 1777
Ion Ratio Lower Upper
101 100
85 45.1 37.2 55.8
151 68.0 55.8 83.8



#11
Tert butyl alcohol
Concen: 2.916 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.010 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

Tgt Ion: 59 Resp: 2938
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

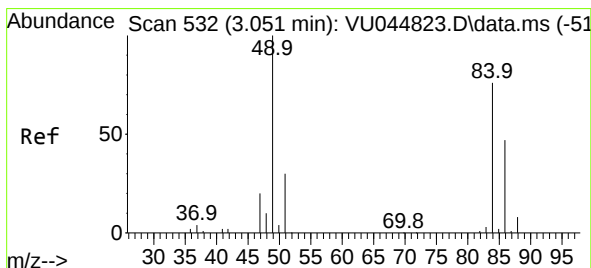
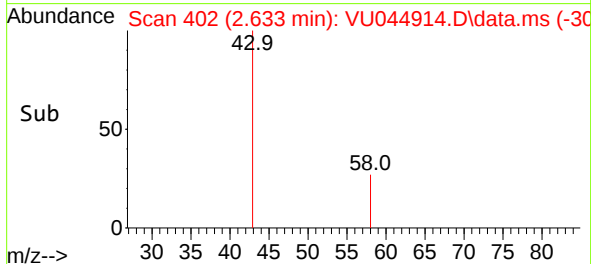
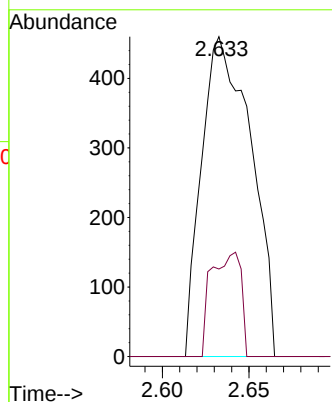
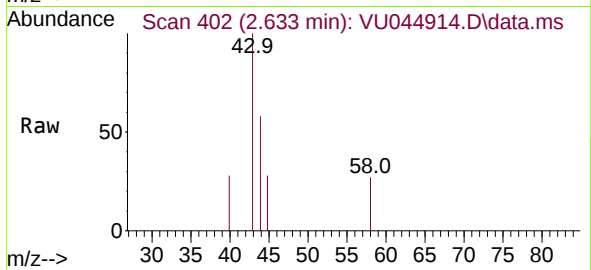




#16
Acetone
Concen: 0.468 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

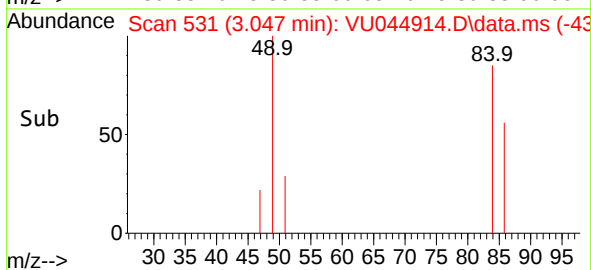
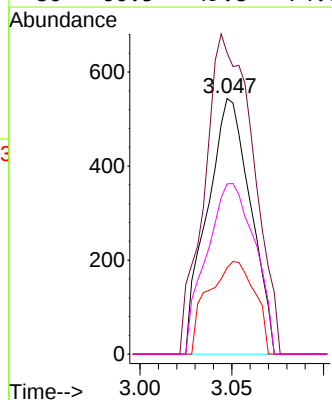
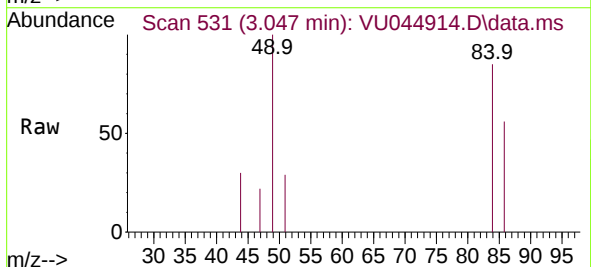
Instrument :
MSVOA_U
ClientSampleId :
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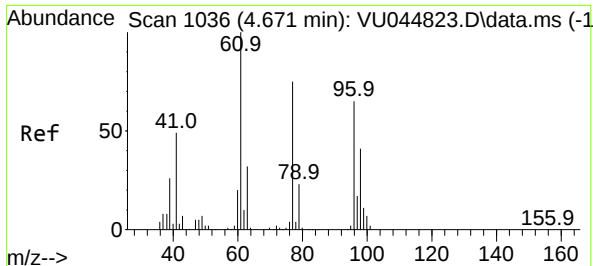
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 27.4 25.2 37.8



#20
Methylene Chloride
Concen: 0.283 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

Tgt Ion: 84 Resp: 892
Ion Ratio Lower Upper
84 100
49 117.8 104.9 157.3
51 33.8 31.8 47.8
86 66.5 49.8 74.6





#27

cis-1,2-Dichloroethene

Concen: 0.318 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU044914.D

Acq: 28 Sep 2021 02:17

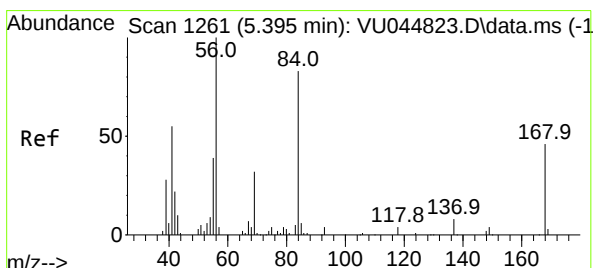
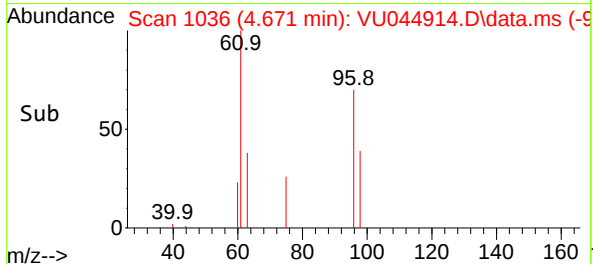
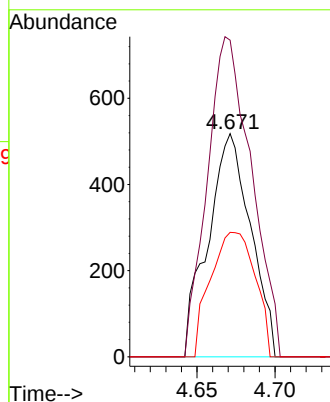
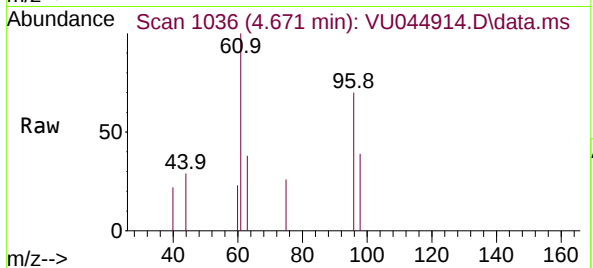
Instrument :

MSVOA_U

ClientSampleId :

RE125D1-20210917DL

Tgt Ion:	96	Resp:	986
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	313.4
98	58.3	0.0	127.0



#31

Cyclohexane

Concen: 1.066 ug/l

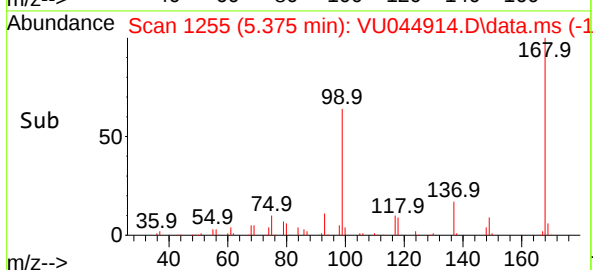
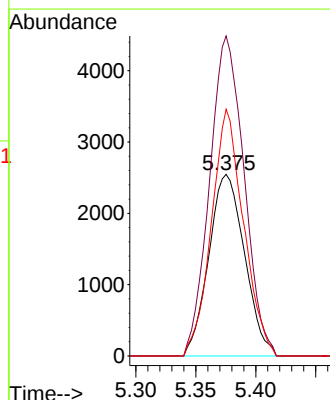
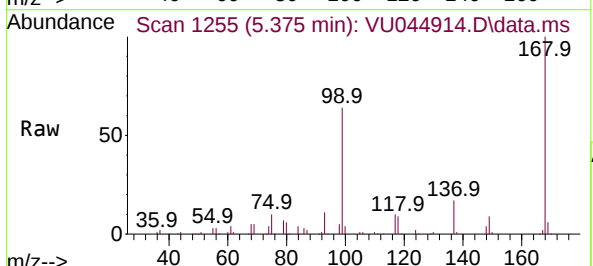
RT: 5.375 min Scan# 1255

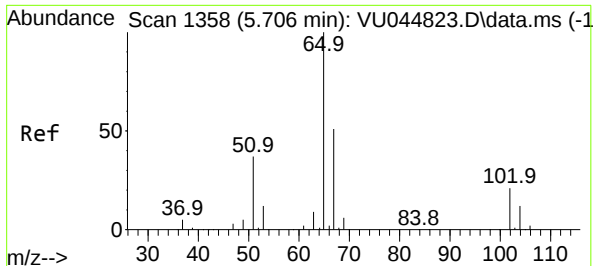
Delta R.T. -0.019 min

Lab File: VU044914.D

Acq: 28 Sep 2021 02:17

Tgt Ion:	56	Resp:	5281
Ion	Ratio	Lower	Upper
56	100		
69	176.3	25.2	37.8#
84	135.9	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 44.764 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044914.D

Acq: 28 Sep 2021 02:17

Tgt Ion: 65 Resp: 154508

Ion Ratio Lower Upper

65 100

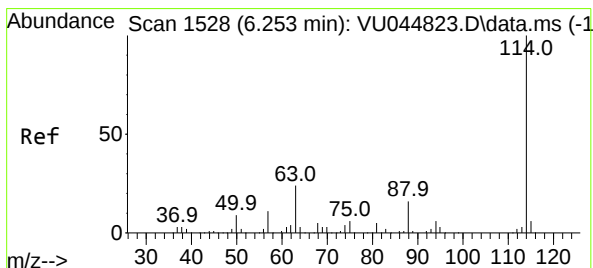
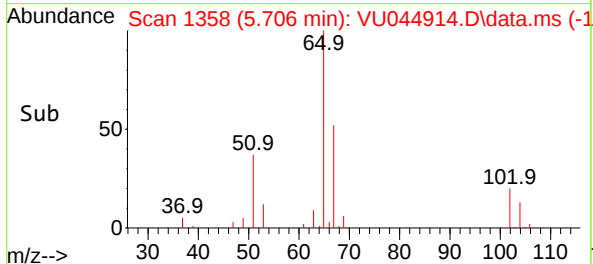
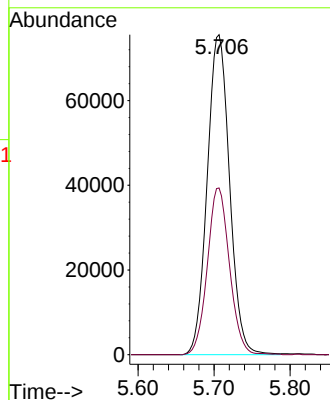
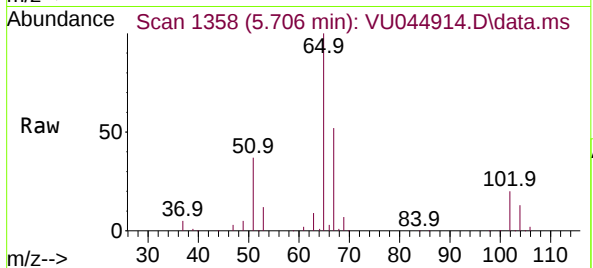
67 51.6 0.0 104.8

Instrument :

MSVOA_U

ClientSampleId :

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044914.D

Acq: 28 Sep 2021 02:17

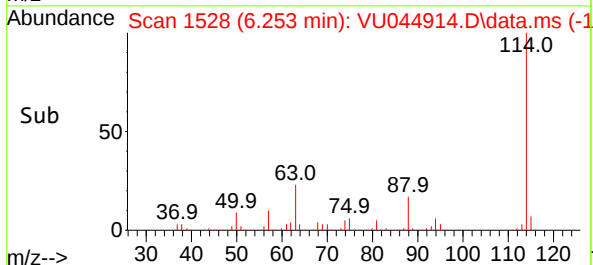
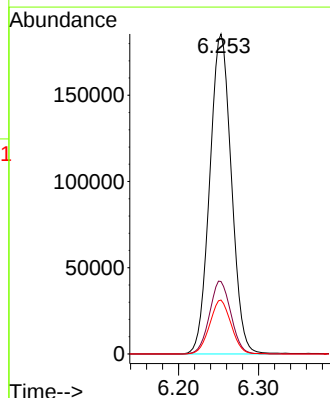
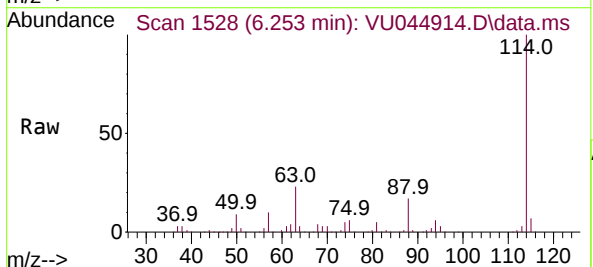
Tgt Ion: 114 Resp: 348448

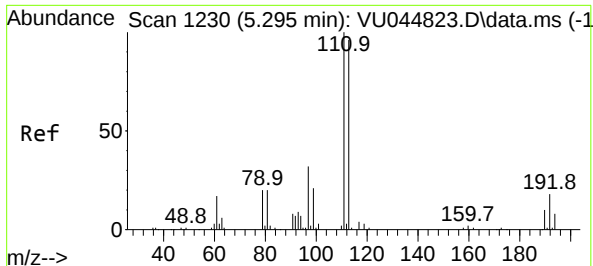
Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.8

88 16.8 0.0 32.8

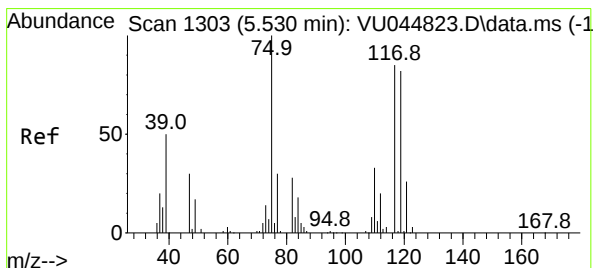
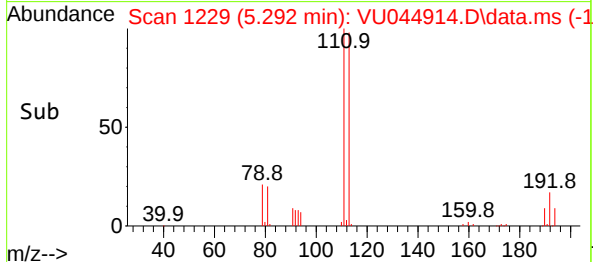
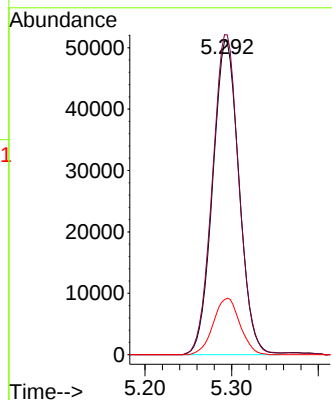
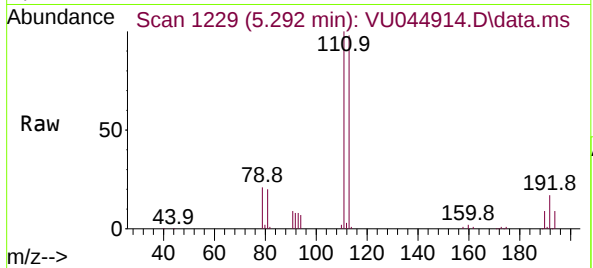




#35
Dibromofluoromethane
Concen: 45.185 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

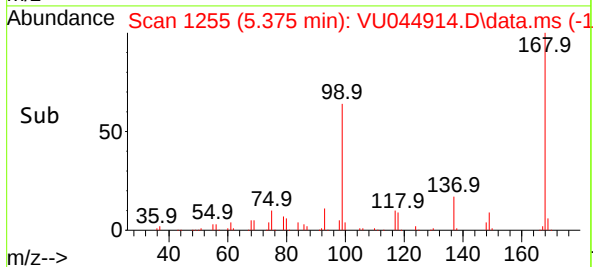
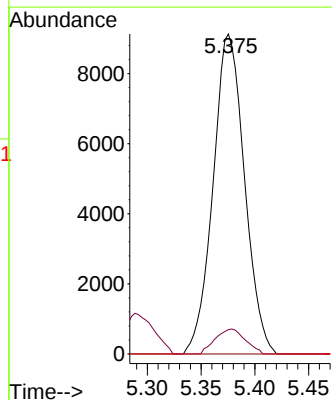
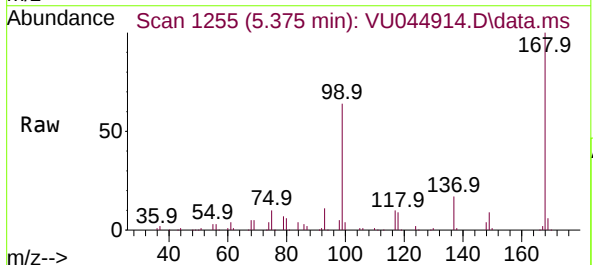
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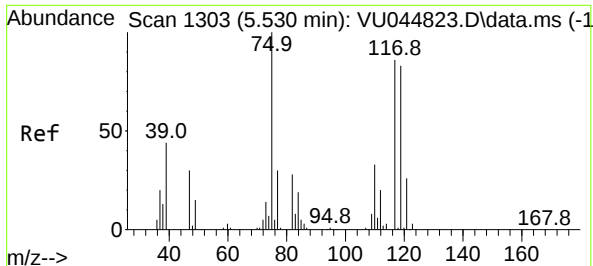
Tgt Ion:113 Resp: 108012
Ion Ratio Lower Upper
113 100
111 102.7 84.1 126.1
192 18.2 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

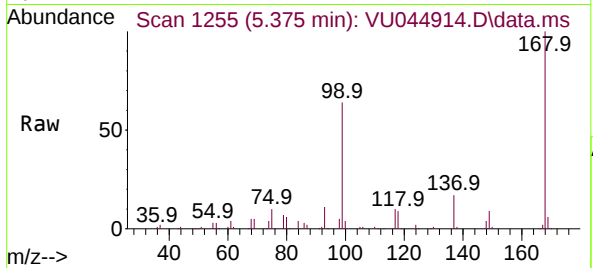
Tgt Ion: 75 Resp: 18547
Ion Ratio Lower Upper
75 100
110 7.4 16.3 48.9#
77 0.0 25.0 37.4#



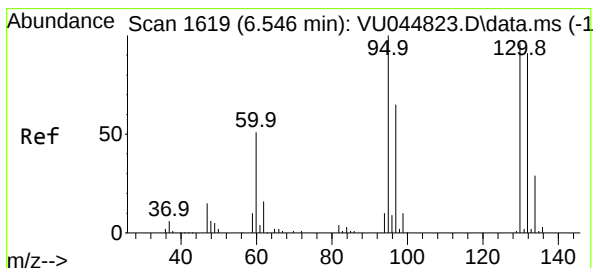
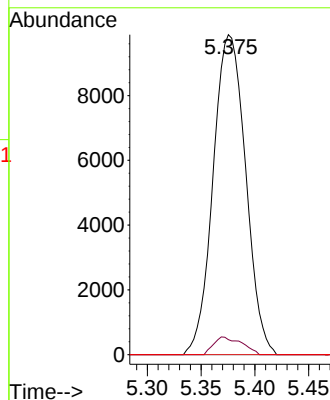
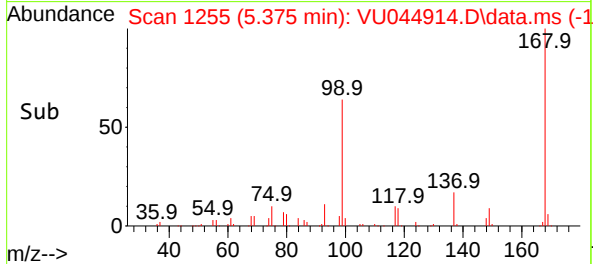


#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

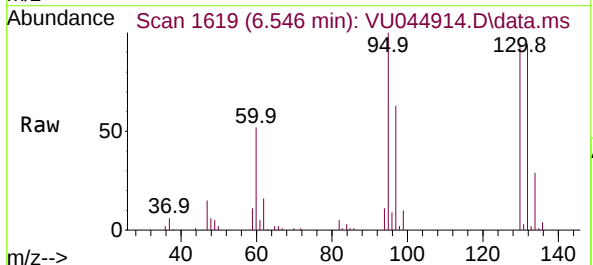
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20210917DL



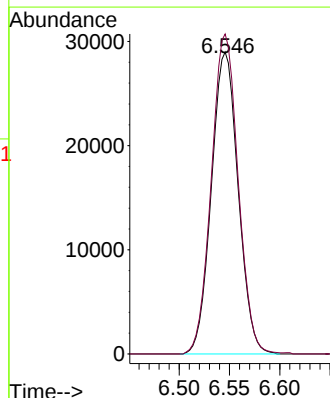
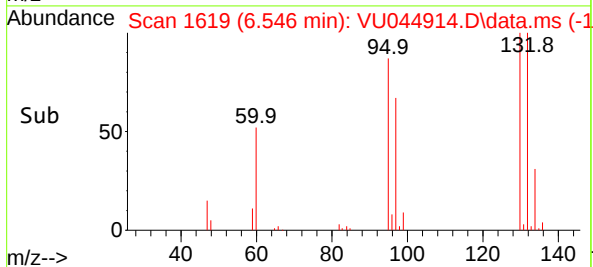
Tgt Ion:117 Resp: 20794
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.2#
121 0.0 24.5 36.7#

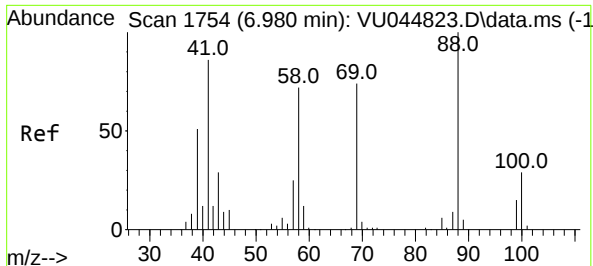


#44
Trichloroethene
Concen: 19.790 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17



Tgt Ion:130 Resp: 53613
Ion Ratio Lower Upper
130 100
95 106.0 0.0 209.0





#49

1,4-Dioxane

Concen: 0.863 ug/l

RT: 6.986 min Scan# 1756

Delta R.T. 0.006 min

Lab File: VU044914.D

Acq: 28 Sep 2021 02:17

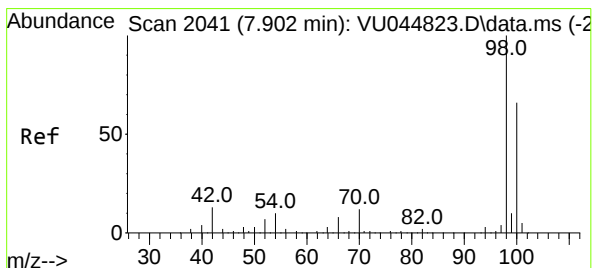
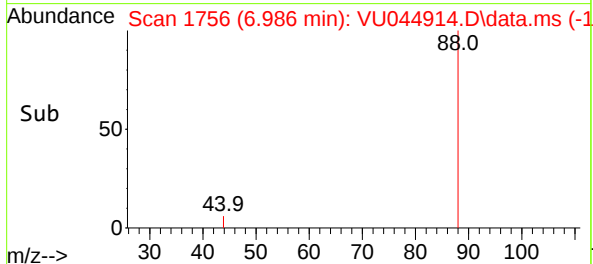
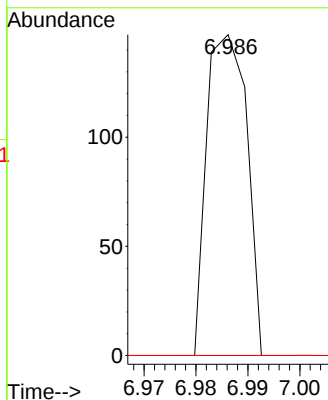
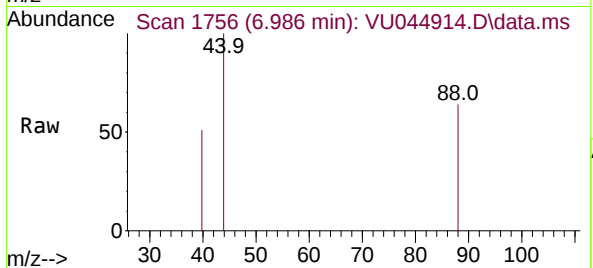
Tgt Ion:	88	Resp:	79
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.6#
58	0.0	61.3	91.9#

Instrument :

MSVOA_U

ClientSampleId :

RE125D1-20210917DL



#50

Toluene-d8

Concen: 48.048 ug/l

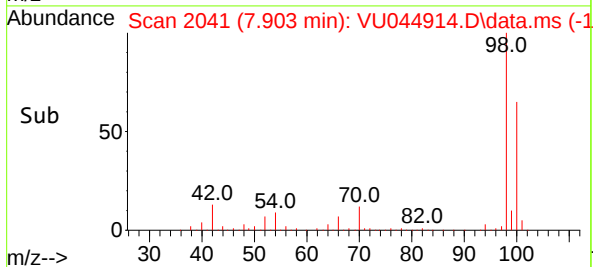
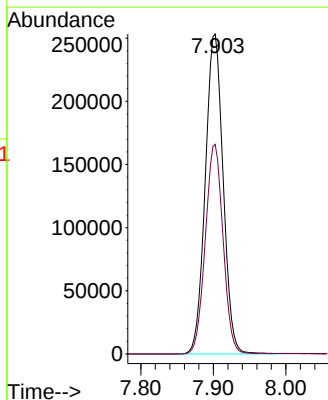
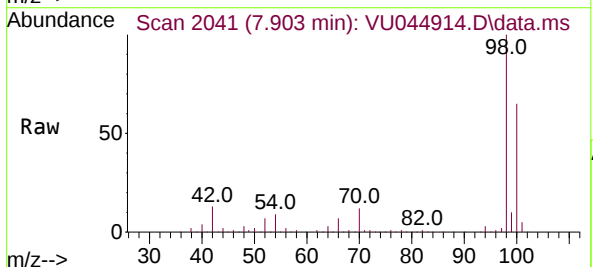
RT: 7.903 min Scan# 2041

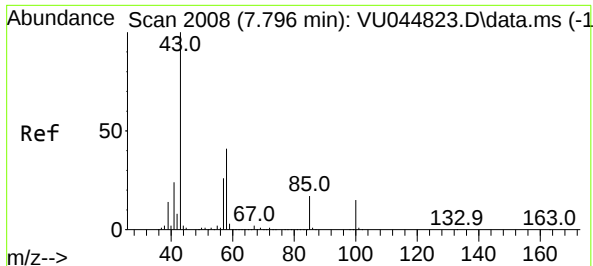
Delta R.T. 0.000 min

Lab File: VU044914.D

Acq: 28 Sep 2021 02:17

Tgt Ion:	98	Resp:	433780
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.5	78.7

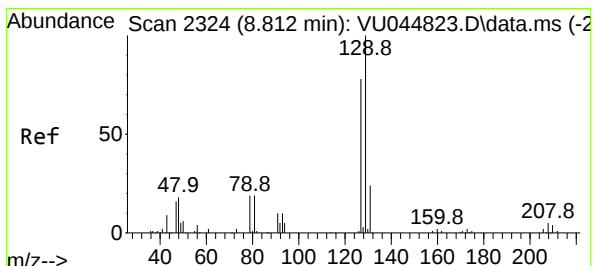
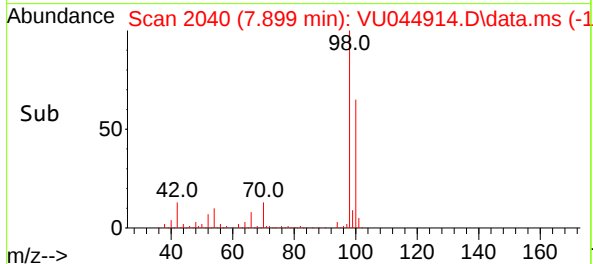
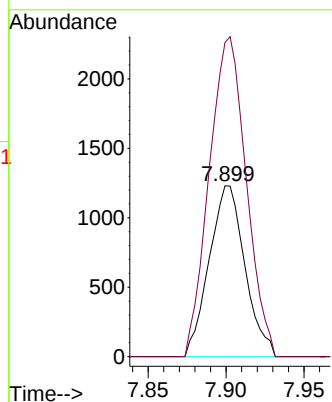
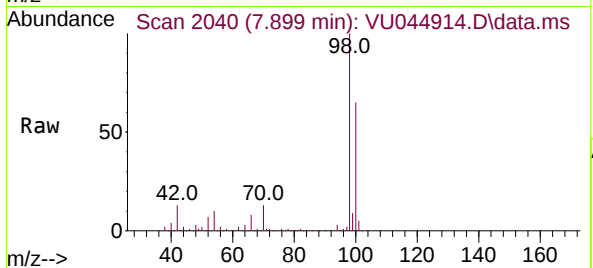




#51
4-Methyl-2-Pentanone
Concen: 0.362 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.103 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

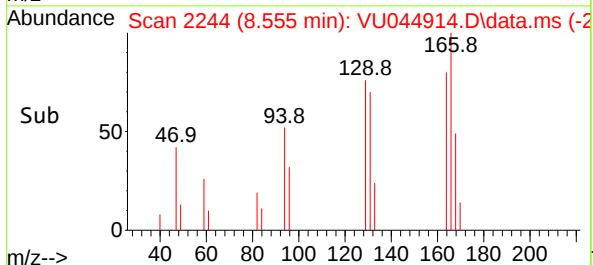
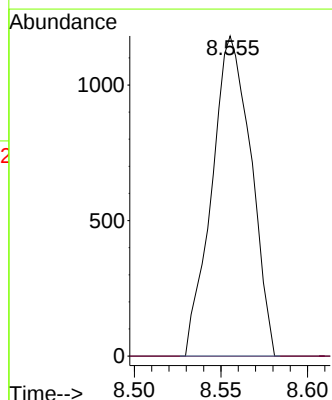
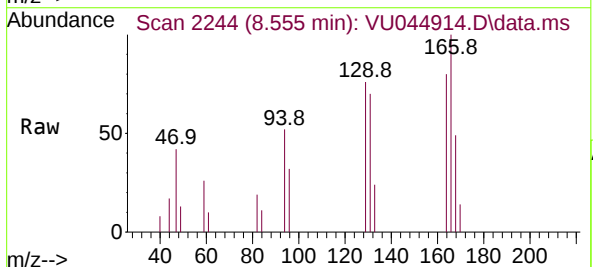
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20210917DL

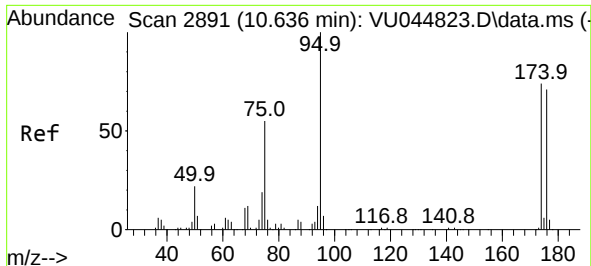
Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
58 194.5 32.4 48.6#



#60
Dibromochloromethane
Concen: 0.674 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

Tgt Ion: 129 Resp: 1860
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

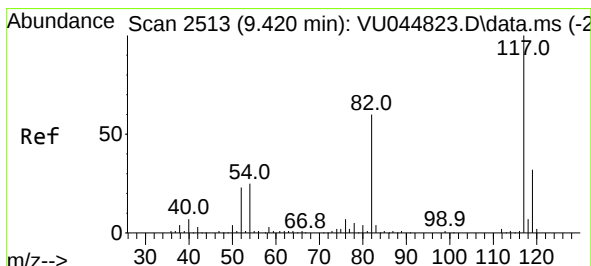
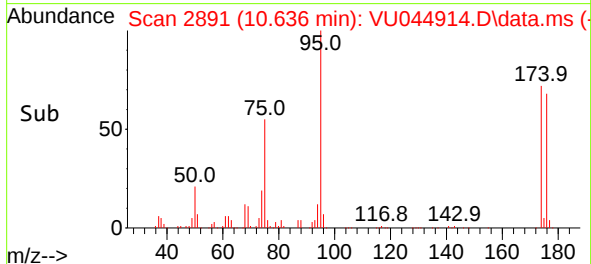
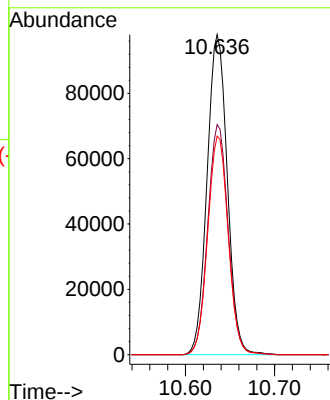
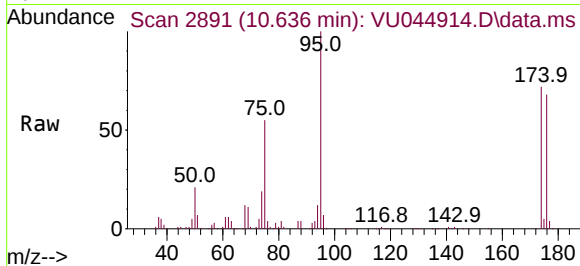




#62
4-Bromofluorobenzene
Concen: 46.116 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

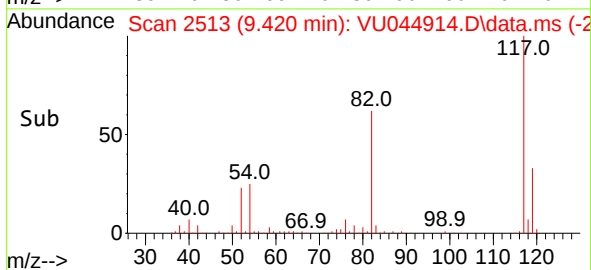
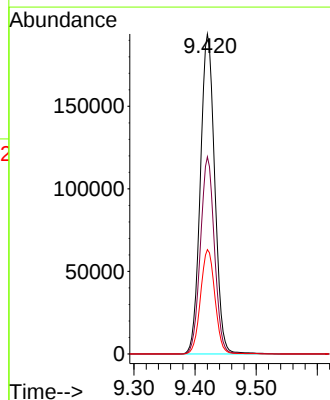
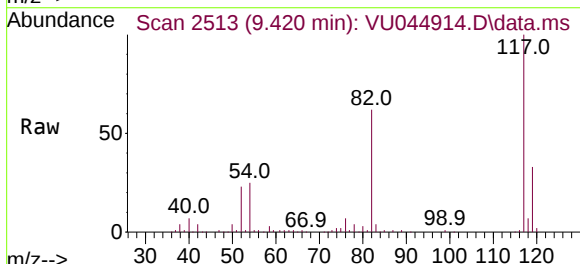
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20210917DL

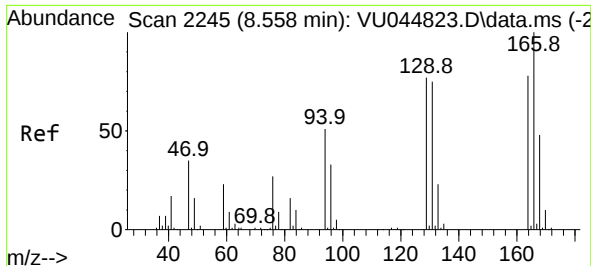
Tgt Ion: 95 Resp: 154637
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.6
176 69.1 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

Tgt Ion: 117 Resp: 317083
Ion Ratio Lower Upper
117 100
82 61.6 47.8 71.8
119 32.6 25.8 38.6



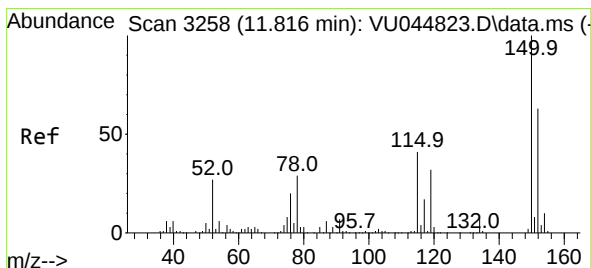
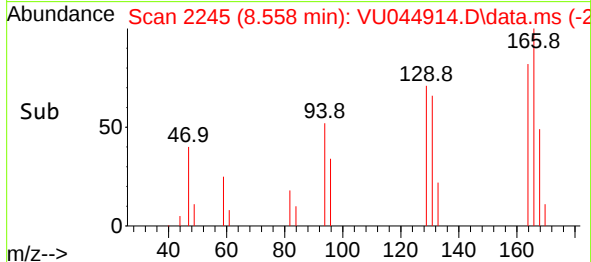
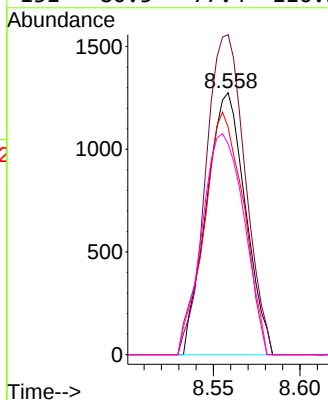
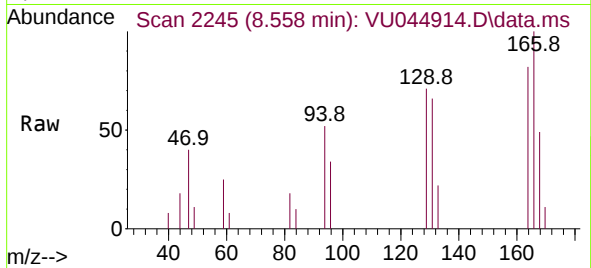


#64
Tetrachloroethene
Concen: 0.930 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20210917DL

Tgt Ion:164 Resp: 1999

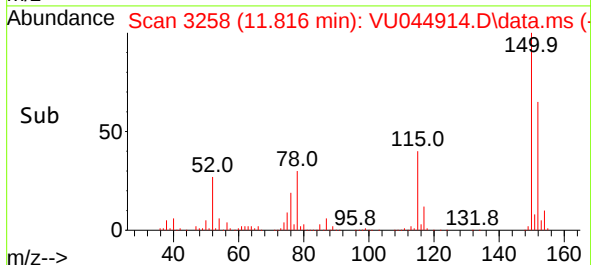
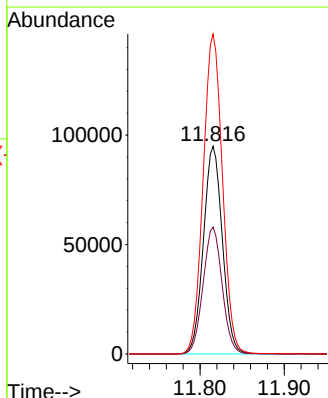
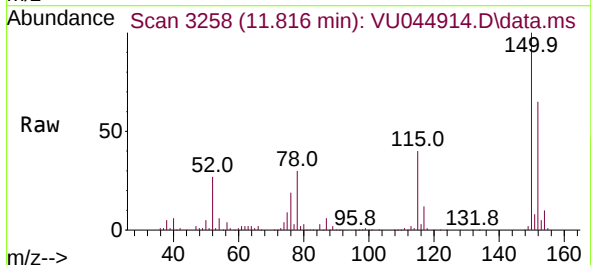
Ion	Ratio	Lower	Upper
164	100		
166	122.2	102.8	154.2
129	86.9	79.4	119.2
131	80.5	77.4	116.2

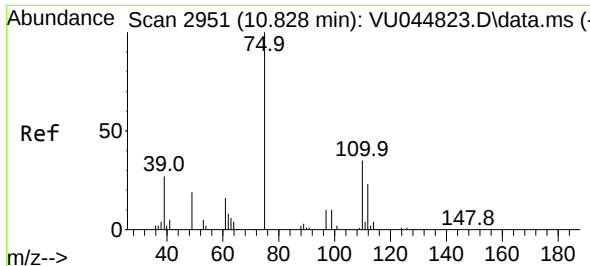


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

Tgt Ion:152 Resp: 148609

Ion	Ratio	Lower	Upper
152	100		
115	61.2	43.5	130.7
150	156.7	0.0	350.0

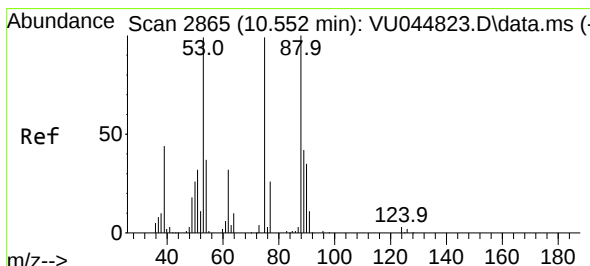
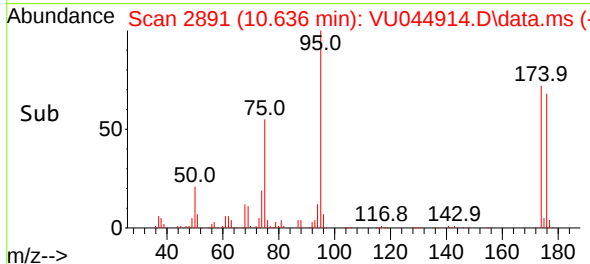
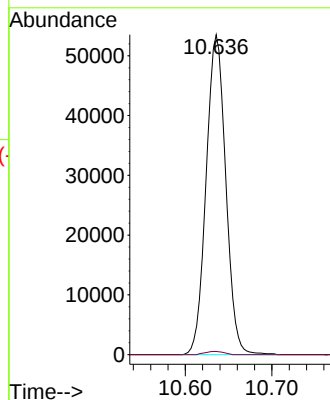
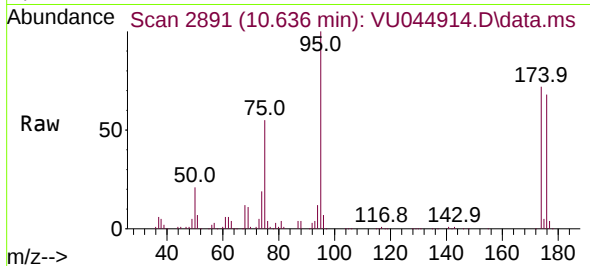




#76
1,2,3-Trichloropropane
Concen: 18.724 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

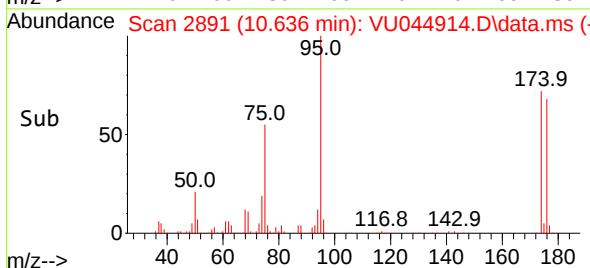
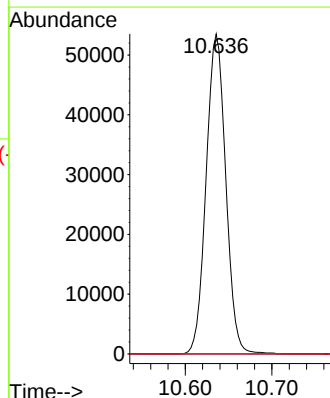
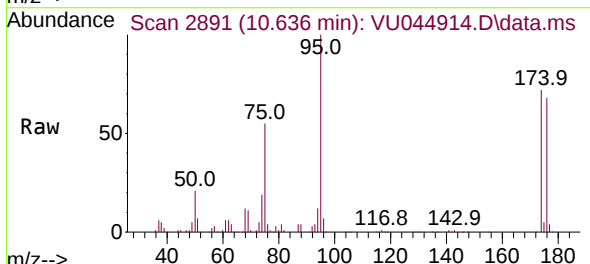
Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20210917DL

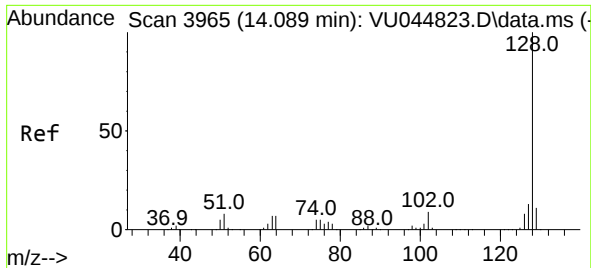
Tgt Ion: 75 Resp: 84258
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.654 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

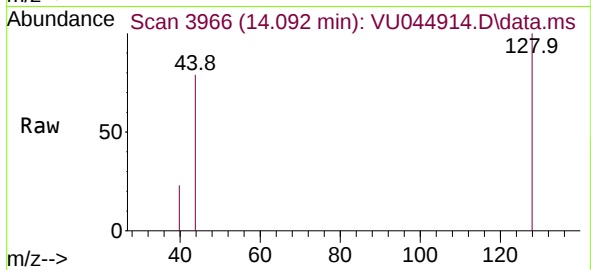
Tgt Ion: 75 Resp: 84258
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#





#95
Naphthalene
Concen: 1.022 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044914.D
Acq: 28 Sep 2021 02:17

Instrument :
MSVOA_U
ClientSampleId :
RE125D1-20210917DL



Tgt Ion:128 Resp: 912
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 13.0#

