

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044913.D
 Acq On : 28 Sep 2021 01:54
 Operator : SY/MD
 Sample : M3829-02DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D1-20210916DL

Quant Time: Sep 28 06:31:04 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)

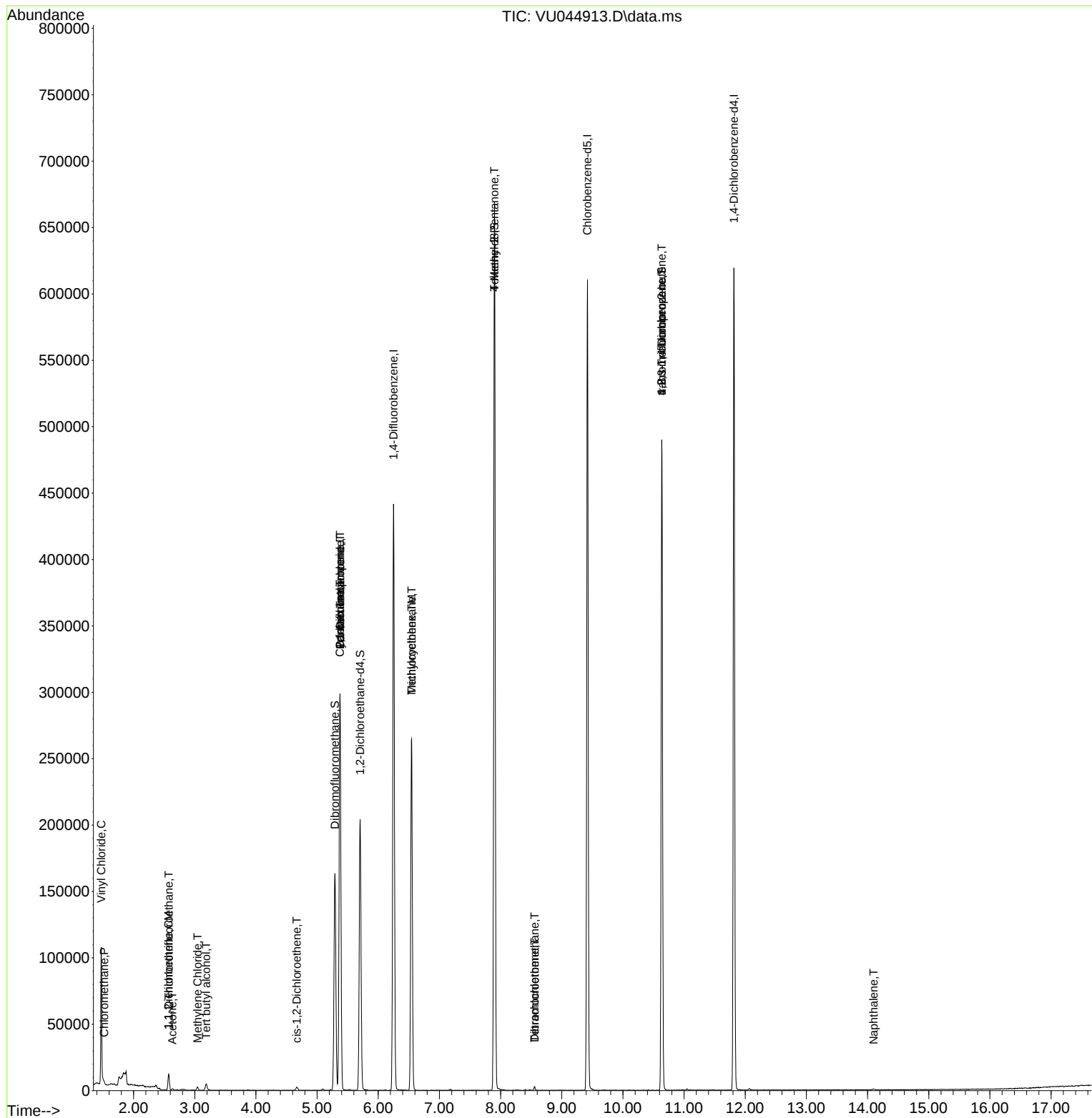
Internal Standards						
1) Pentafluorobenzene	5.375	168	192436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	340325	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	314877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	150334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	153482	45.699	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.400%	
35) Dibromofluoromethane	5.292	113	105795	45.314	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.620%	
50) Toluene-d8	7.899	98	425961	48.308	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.620%	
62) 4-Bromofluorobenzene	10.636	95	161536	49.323	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.640%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	851	0.243	ug/l	98
4) Vinyl Chloride	1.472	62	785	0.240	ug/l #	1
5) Bromomethane	1.832	94	571	Below Cal		97
6) Chloroethane	1.929	64	287	Below Cal #		42
9) 1,1,2-Trichlorotrifluo...	2.575	101	4426	1.891	ug/l	95
11) Tert butyl alcohol	3.186	59	3195	3.259	ug/l #	72
12) 1,1-Dichloroethene	2.572	96	684	0.295	ug/l	98
16) Acetone	2.636	43	993	0.524	ug/l #	83
20) Methylene Chloride	3.044	84	1092	0.356	ug/l	94
27) cis-1,2-Dichloroethene	4.668	96	1239	0.411	ug/l	76
31) Cyclohexane	5.372	56	4901	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	18225	5.047	ug/l #	49
38) Carbon Tetrachloride	5.375	117	20336	6.300	ug/l #	15
39) Methylcyclohexane	6.546	83	1052	0.258	ug/l #	1
44) Trichloroethene	6.546	130	84399	31.898	ug/l	98
51) 4-Methyl-2-Pentanone	7.899	43	1908	0.361	ug/l #	1
60) Dibromochloromethane	8.559	129	625	0.232	ug/l #	10
64) Tetrachloroethene	8.555	164	570	0.267	ug/l	88
76) 1,2,3-Trichloropropane	10.636	75	87755	19.277	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	87755	62.446	ug/l #	9
95) Naphthalene	14.098	128	1215	1.046	ug/l #	69

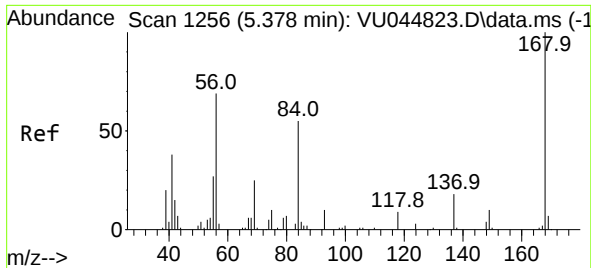
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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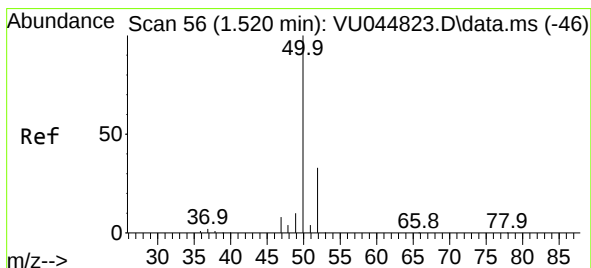
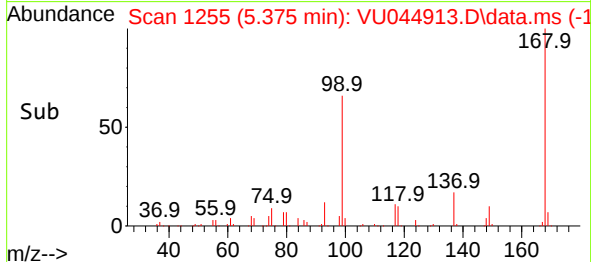
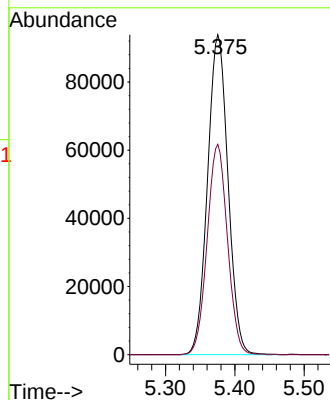
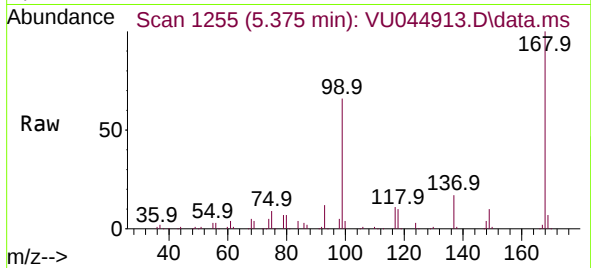




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

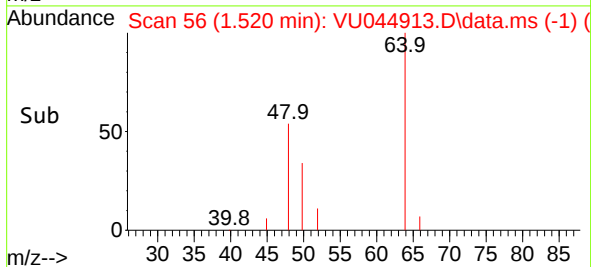
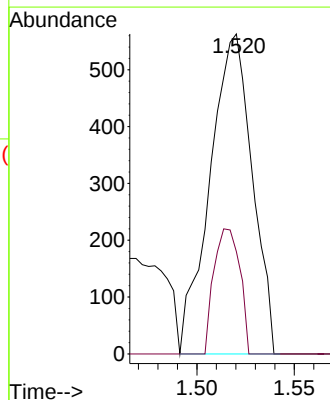
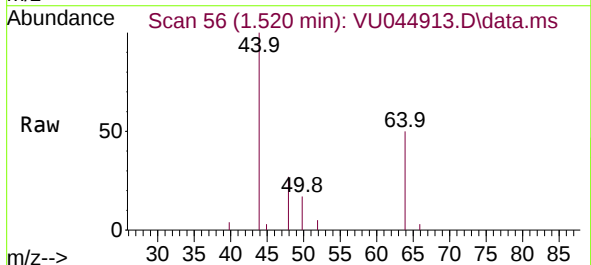
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL

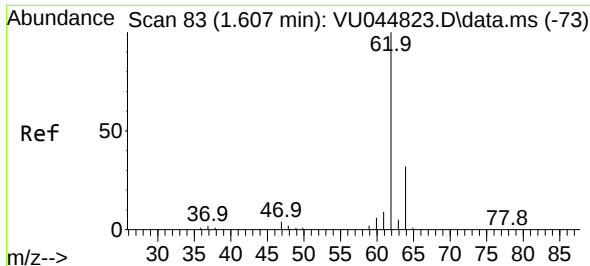
Tgt Ion:168 Resp: 192436
Ion Ratio Lower Upper
168 100
99 65.7 51.4 77.0



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Tgt Ion: 50 Resp: 851
Ion Ratio Lower Upper
50 100
52 32.0 26.3 39.5

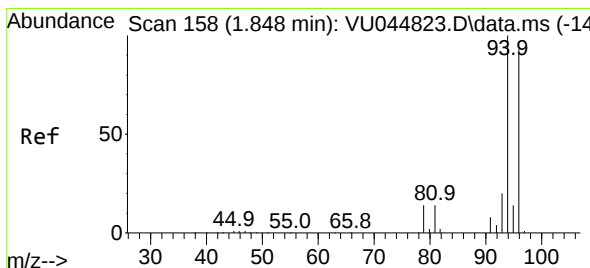
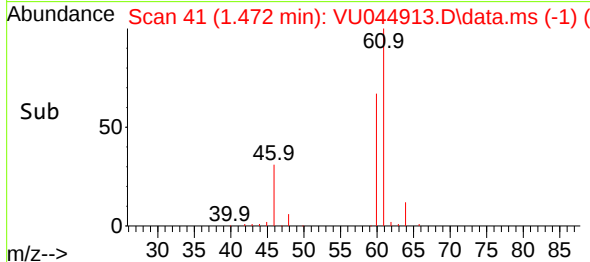
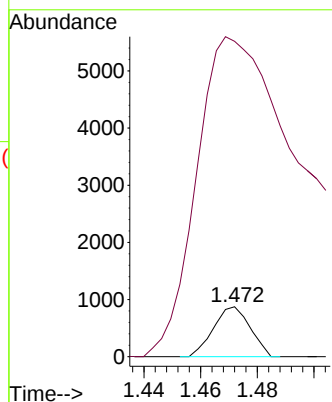
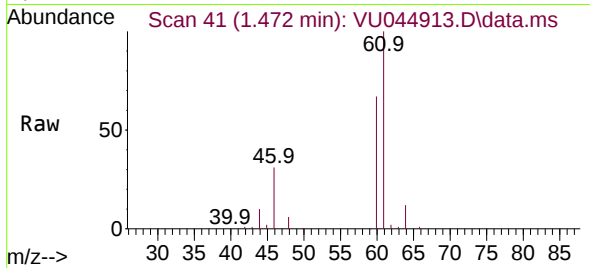




#4
 Vinyl Chloride
 Concen: 0.240 ug/l
 RT: 1.472 min Scan# 41
 Delta R.T. -0.135 min
 Lab File: VU044913.D
 Acq: 28 Sep 2021 01:54

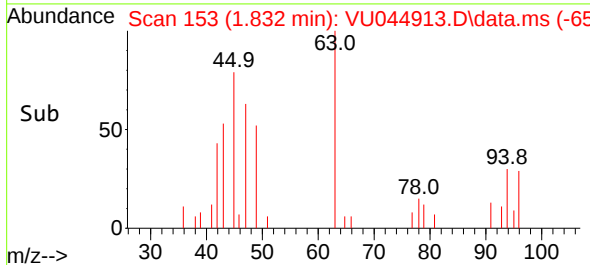
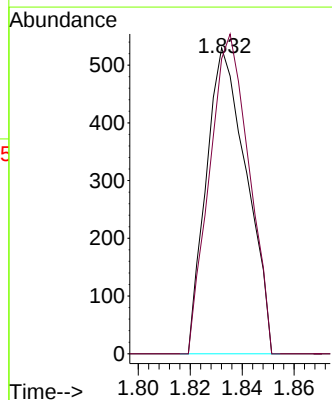
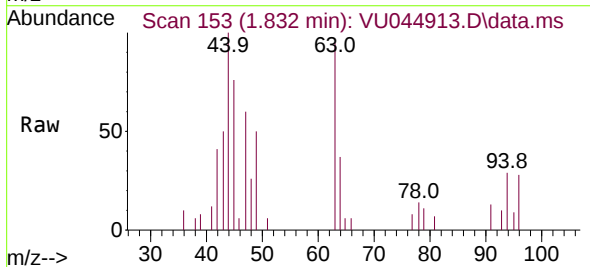
Instrument :
 MSVOA_U
 ClientSampleId :
 RE114D1-20210916DL

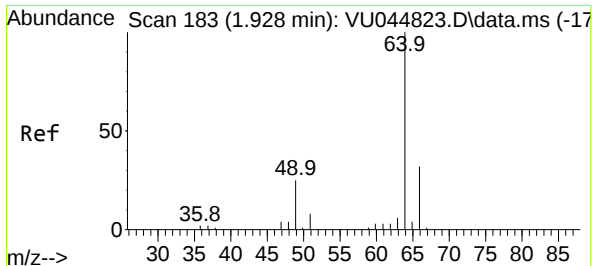
Tgt Ion: 62 Resp: 785
 Ion Ratio Lower Upper
 62 100
 64 486.6 25.6 38.4#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.832 min Scan# 153
 Delta R.T. -0.016 min
 Lab File: VU044913.D
 Acq: 28 Sep 2021 01:54

Tgt Ion: 94 Resp: 571
 Ion Ratio Lower Upper
 94 100
 96 96.4 74.5 111.7

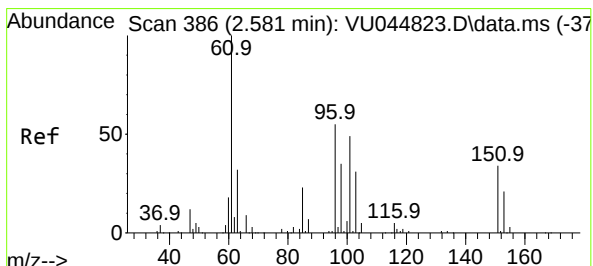
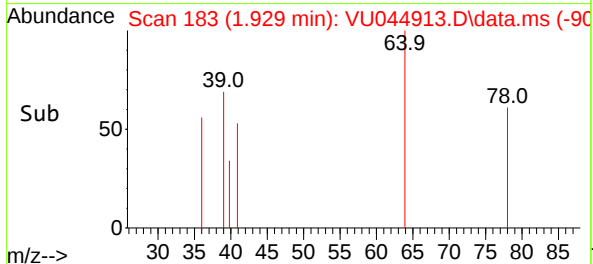
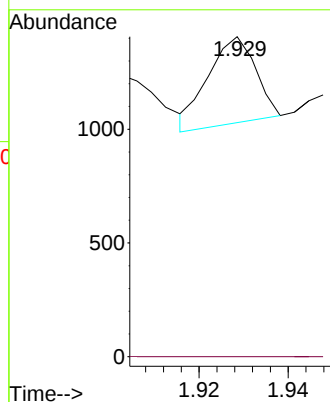
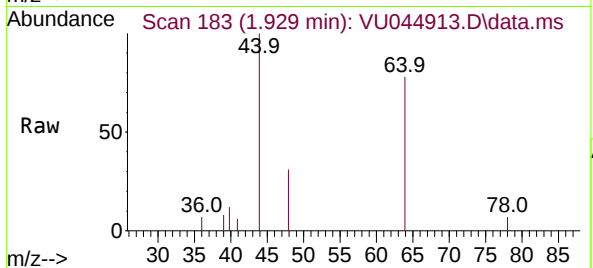




#6
Chloroethane
Concen: Below Cal
RT: 1.929 min Scan# 183
Delta R.T. 0.001 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

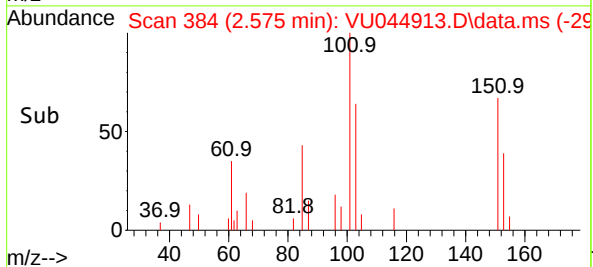
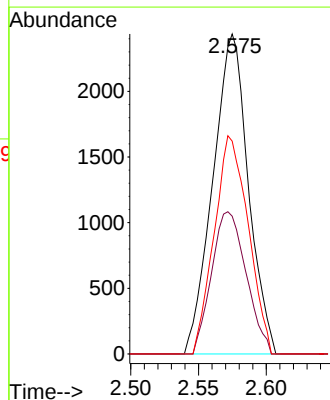
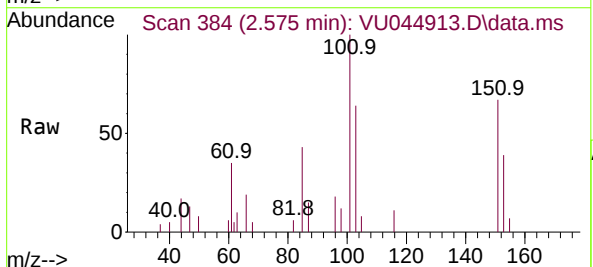
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL

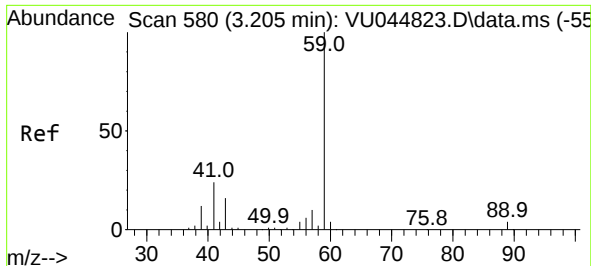
Tgt Ion: 64 Resp: 287
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.891 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Tgt Ion:101 Resp: 4426
Ion Ratio Lower Upper
101 100
85 43.4 37.2 55.8
151 65.5 55.8 83.8



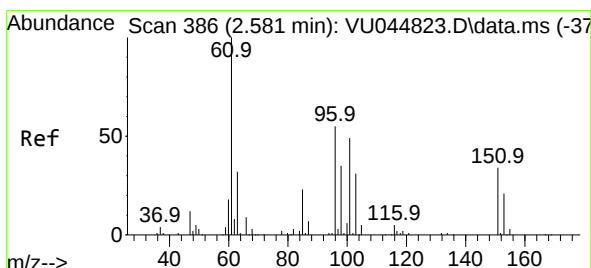
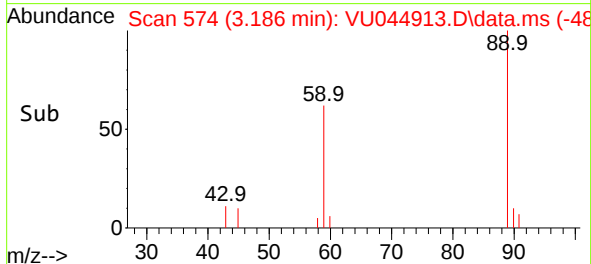
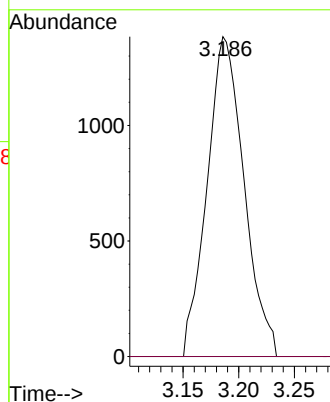
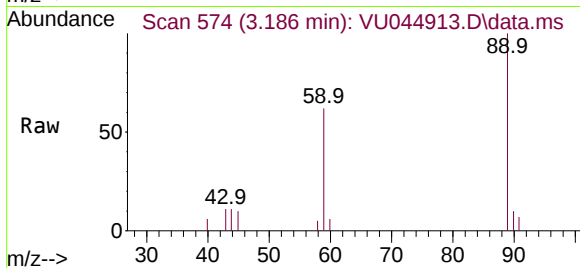


#11

Tert butyl alcohol
Concen: 3.259 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.019 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL

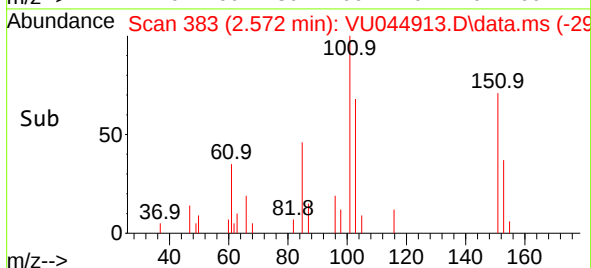
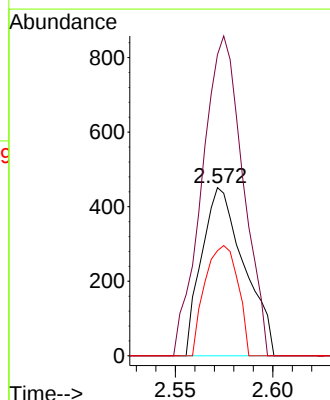
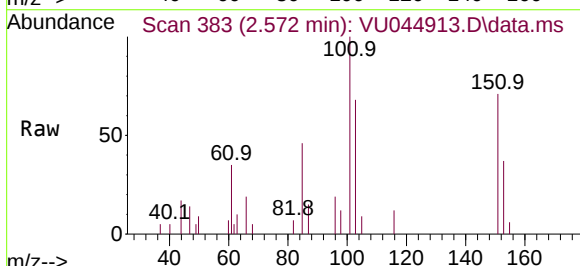
Tgt Ion: 59 Resp: 3195
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

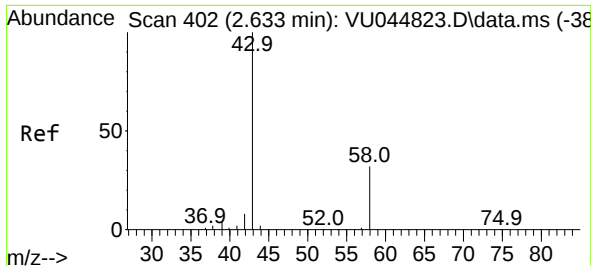


#12

1,1-Dichloroethene
Concen: 0.295 ug/l
RT: 2.572 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Tgt Ion: 96 Resp: 684
Ion Ratio Lower Upper
96 100
61 179.2 145.4 218.0
98 62.5 50.9 76.3

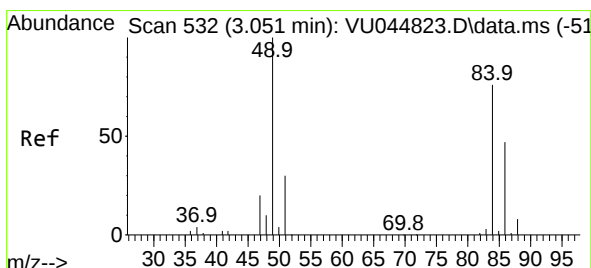
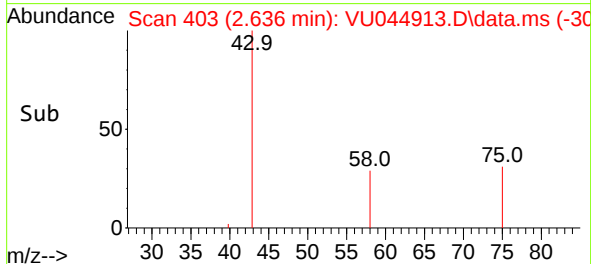
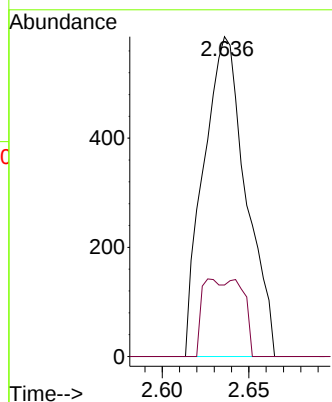
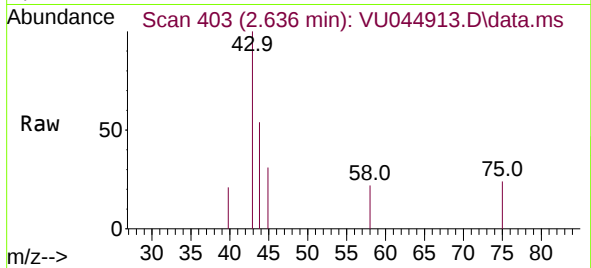




#16
Acetone
Concen: 0.524 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.003 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

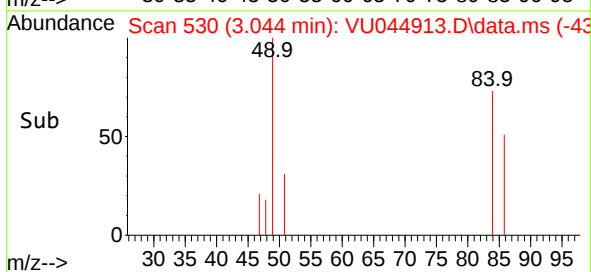
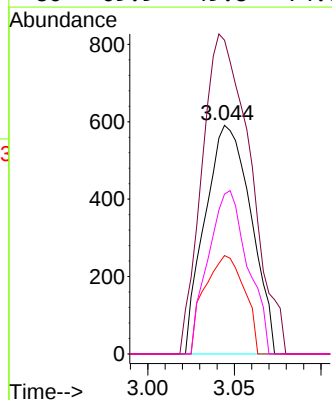
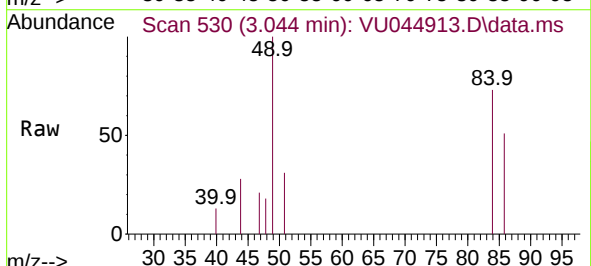
Instrument :
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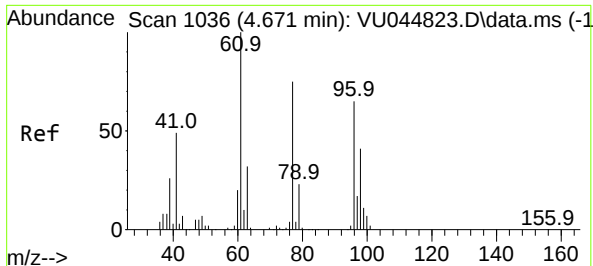
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 22.4 25.2 37.8#



#20
Methylene Chloride
Concen: 0.356 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.006 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Tgt Ion: 84 Resp: 1092
Ion Ratio Lower Upper
84 100
49 137.2 104.9 157.3
51 43.0 31.8 47.8
86 69.9 49.8 74.6





#27

cis-1,2-Dichloroethene

Concen: 0.411 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU044913.D

Acq: 28 Sep 2021 01:54

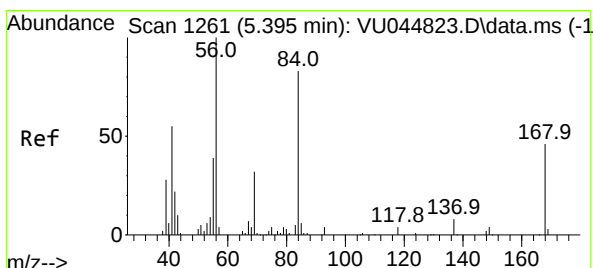
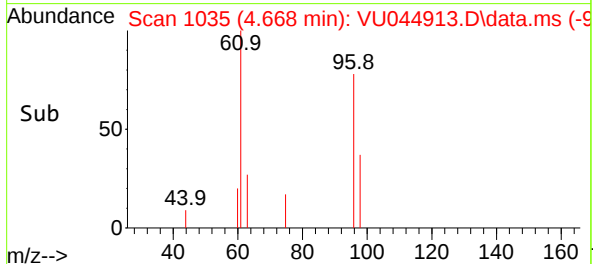
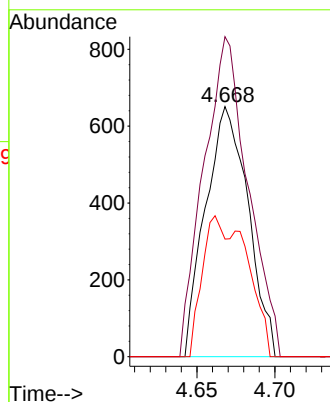
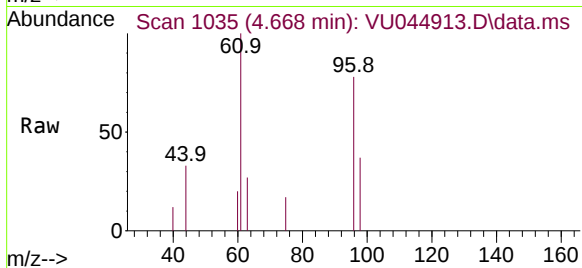
Instrument :

MSVOA_U

ClientSampleId :

RE114D1-20210916DL

Tgt Ion: 96	Resp: 1239
Ion Ratio	Lower Upper
96 100	
61 132.8	0.0 313.4
98 34.7	0.0 127.0



#31

Cyclohexane

Concen: 1.016 ug/l

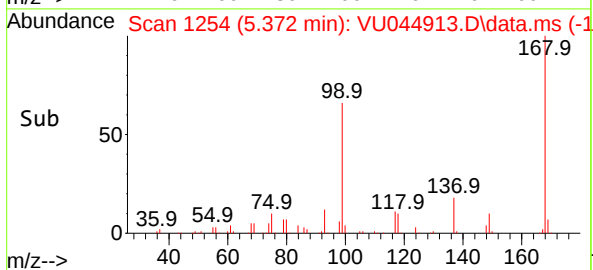
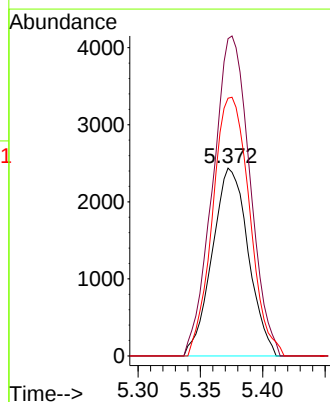
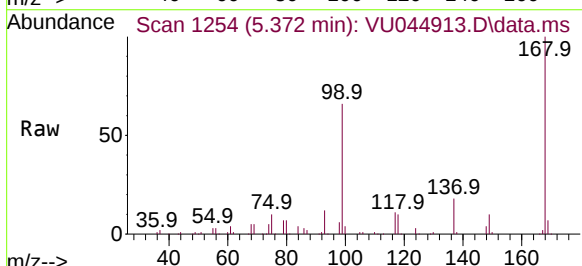
RT: 5.372 min Scan# 1254

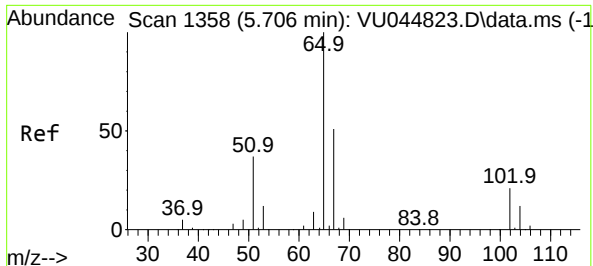
Delta R.T. -0.022 min

Lab File: VU044913.D

Acq: 28 Sep 2021 01:54

Tgt Ion: 56	Resp: 4901
Ion Ratio	Lower Upper
56 100	
69 168.9	25.2 37.8#
84 137.2	66.4 99.6#



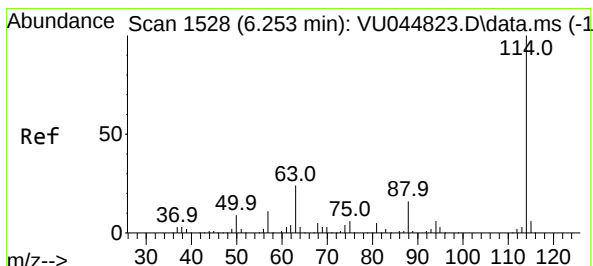
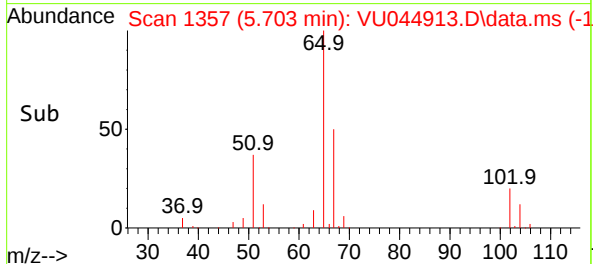
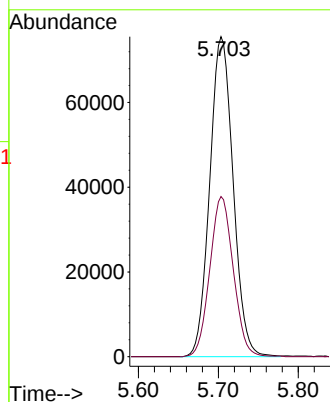
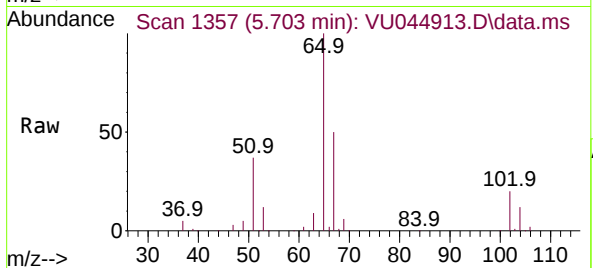


#33

1,2-Dichloroethane-d4
Concen: 45.699 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Instrument :
MSVOA_U
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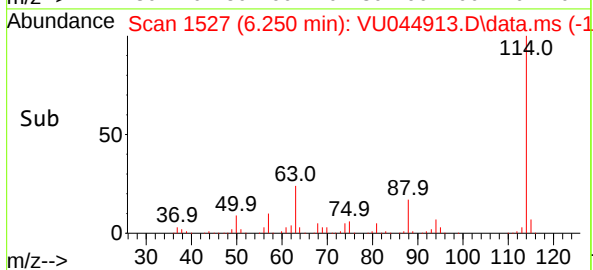
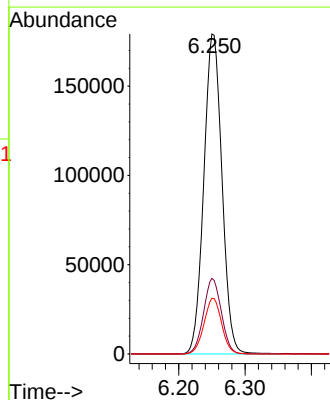
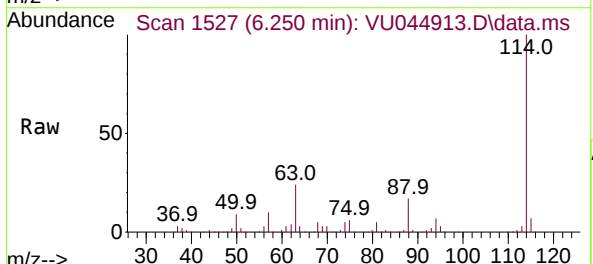
Tgt Ion: 65 Resp: 153482
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.8

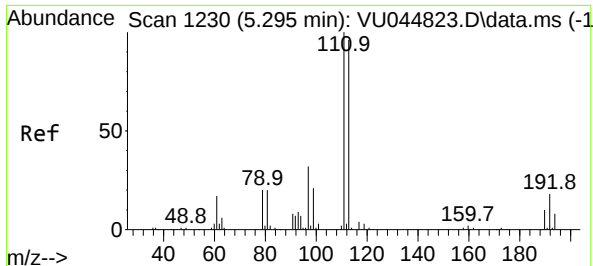


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Tgt Ion: 114 Resp: 340325
Ion Ratio Lower Upper
114 100
63 23.6 0.0 47.8
88 17.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.314 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU044913.D

Acq: 28 Sep 2021 01:54

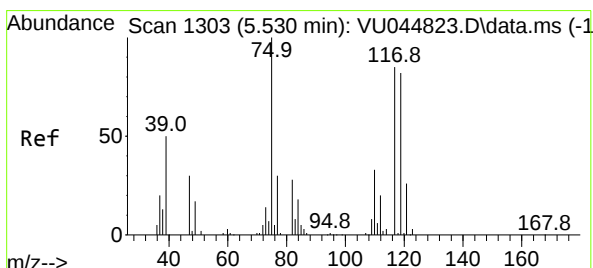
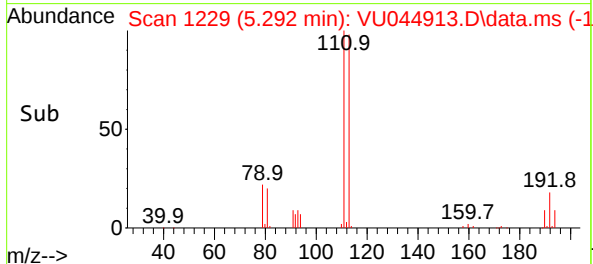
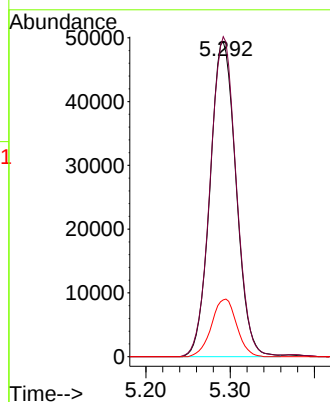
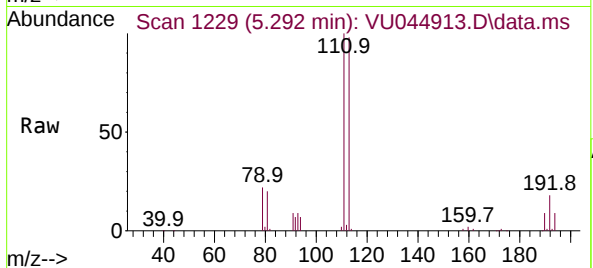
Instrument :

MSVOA_U

ClientSampleId :

RE114D1-20210916DL

Tgt Ion:	113	Resp:	105795
Ion	Ratio	Lower	Upper
113	100		
111	101.7	84.1	126.1
192	17.7	14.8	22.2



#36

1,1-Dichloropropene

Concen: 5.047 ug/l

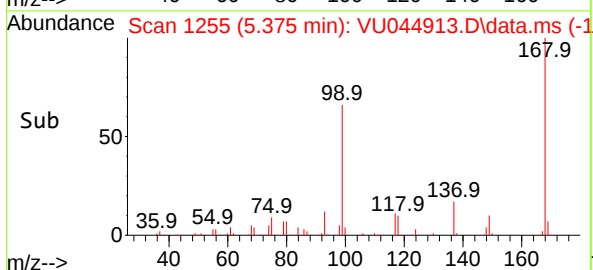
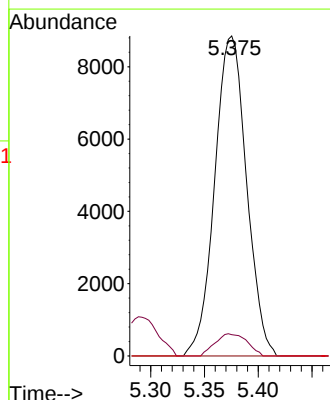
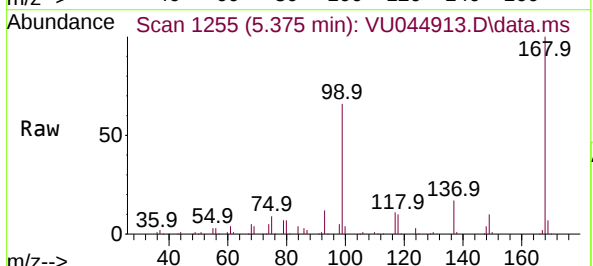
RT: 5.375 min Scan# 1255

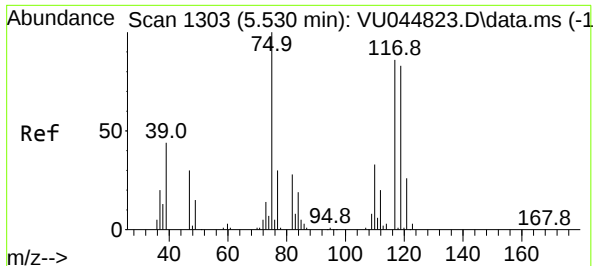
Delta R.T. -0.154 min

Lab File: VU044913.D

Acq: 28 Sep 2021 01:54

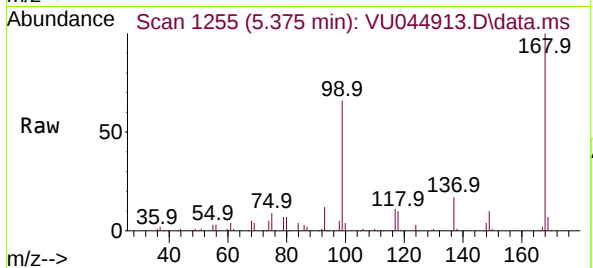
Tgt Ion:	75	Resp:	18225
Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.3	48.9#
77	0.0	25.0	37.4#



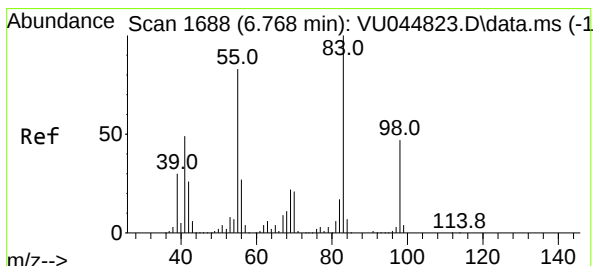
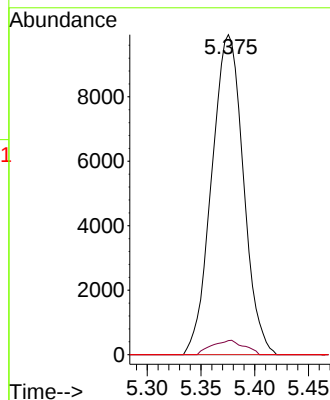
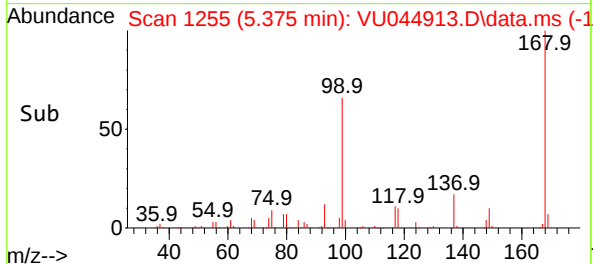


#38
Carbon Tetrachloride
Concen: 6.300 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

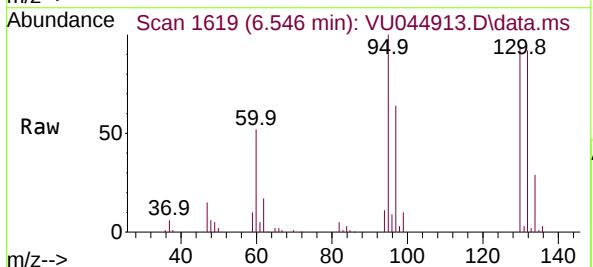
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL



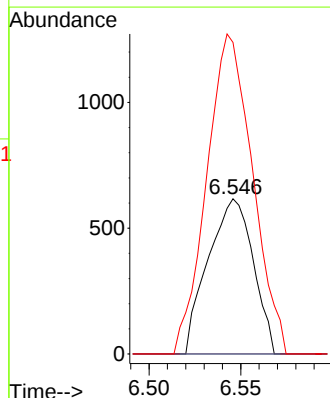
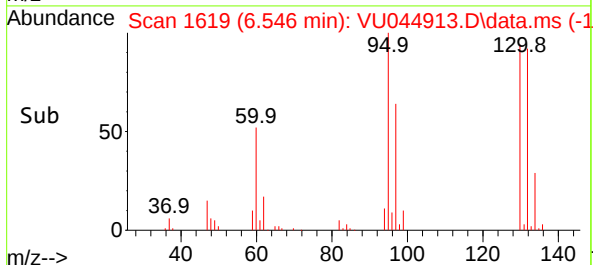
Tgt Ion:117 Resp: 20336
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.2#
121 0.0 24.5 36.7#

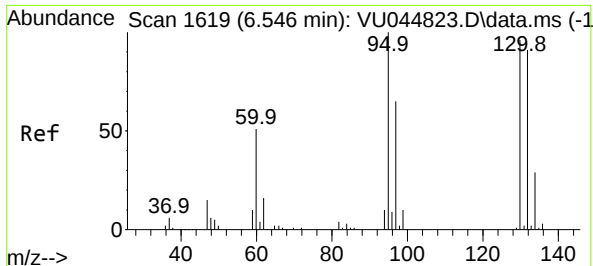


#39
Methylcyclohexane
Concen: 0.258 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.222 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54



Tgt Ion: 83 Resp: 1052
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 183.5 37.5 56.3#

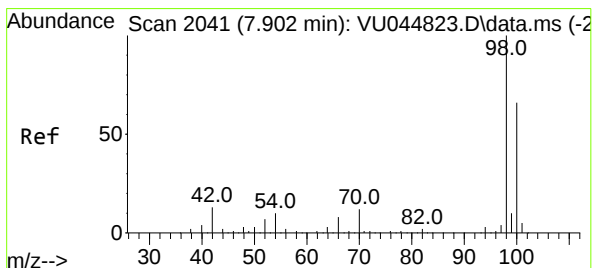
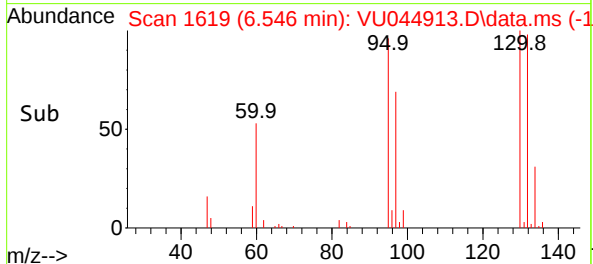
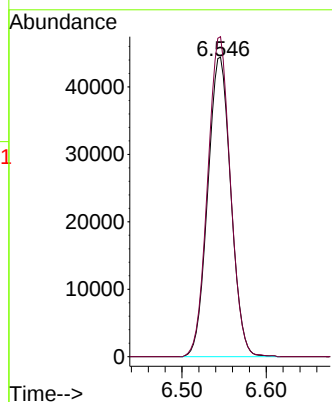
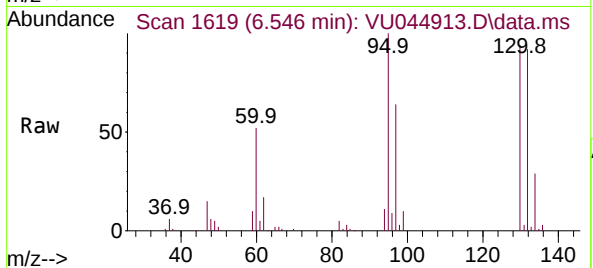




#44
Trichloroethene
Concen: 31.898 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

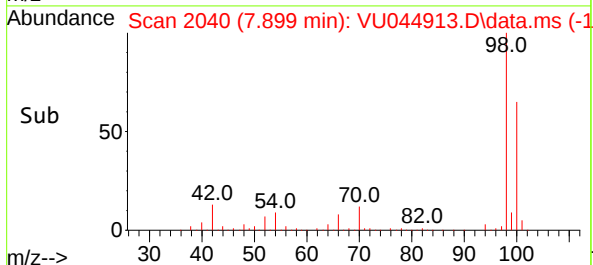
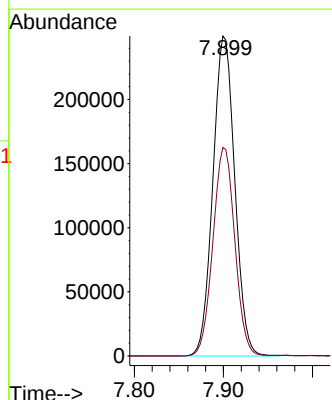
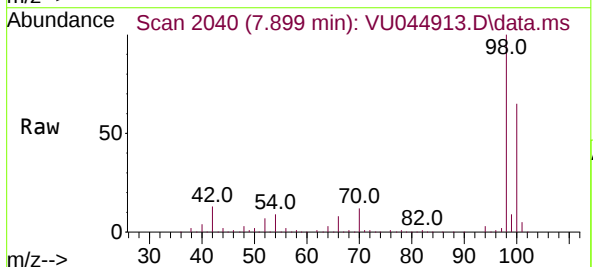
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL

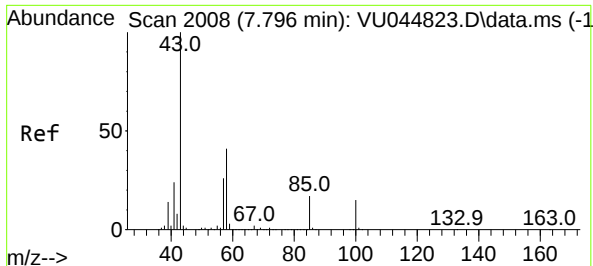
Tgt Ion:130 Resp: 84399
Ion Ratio Lower Upper
130 100
95 106.8 0.0 209.0



#50
Toluene-d8
Concen: 48.308 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Tgt Ion: 98 Resp: 425961
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

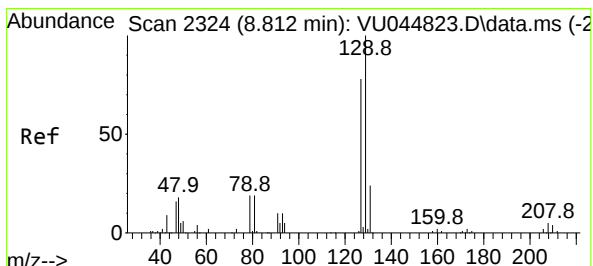
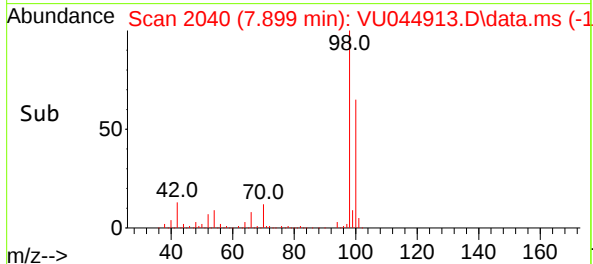
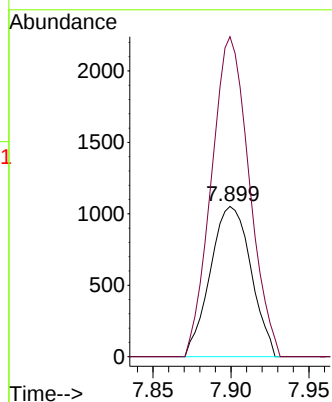
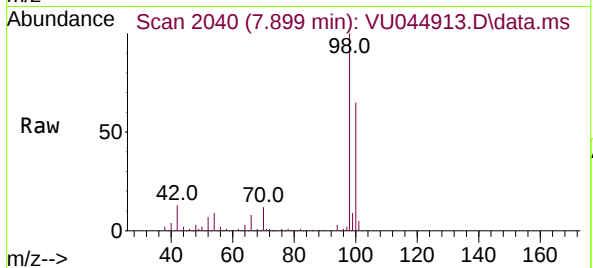




#51
4-Methyl-2-Pentanone
Concen: 0.361 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.103 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

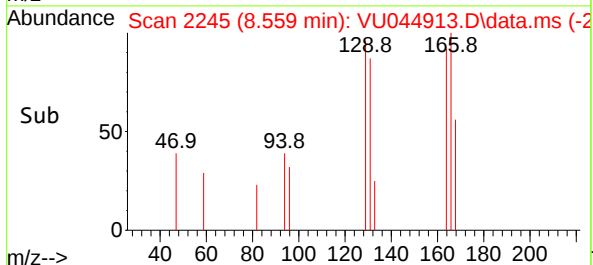
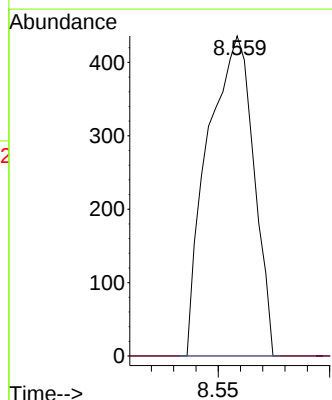
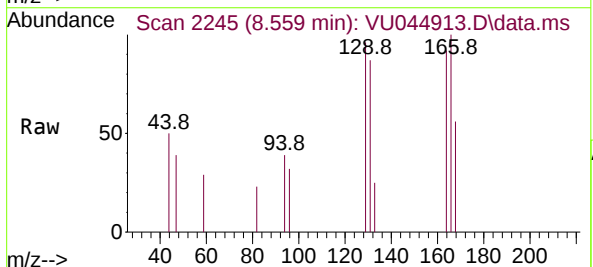
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL

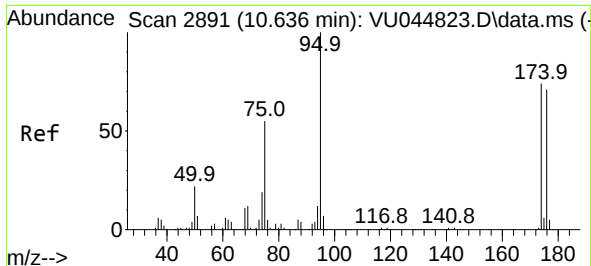
Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 198.2 32.4 48.6#



#60
Dibromochloromethane
Concen: 0.232 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Tgt Ion: 129 Resp: 625
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

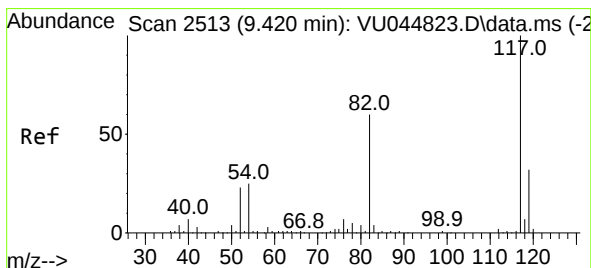
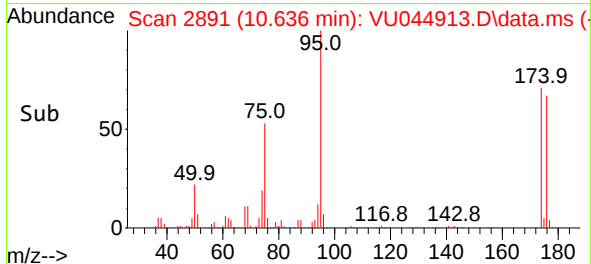
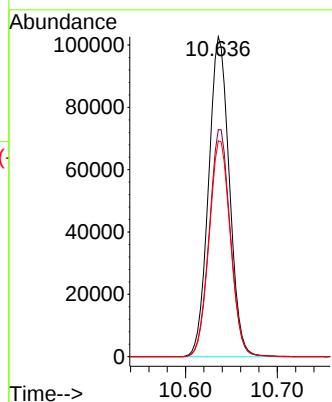
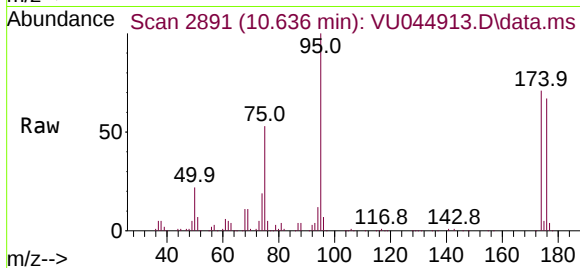




#62
4-Bromofluorobenzene
Concen: 49.323 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

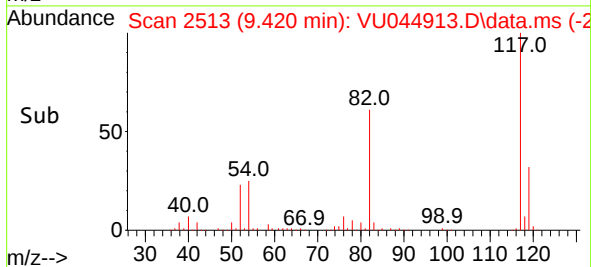
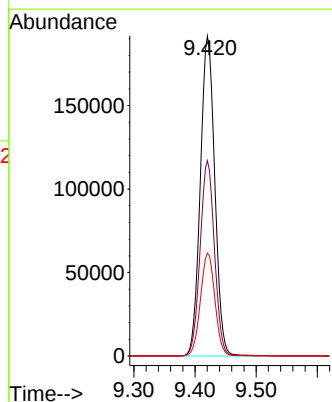
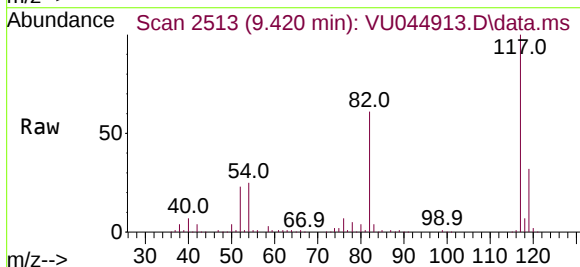
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL

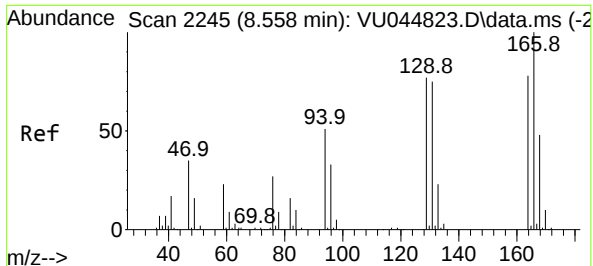
Tgt Ion: 95 Resp: 161536
Ion Ratio Lower Upper
95 100
174 72.2 0.0 146.6
176 69.3 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Tgt Ion: 117 Resp: 314877
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 32.2 25.8 38.6



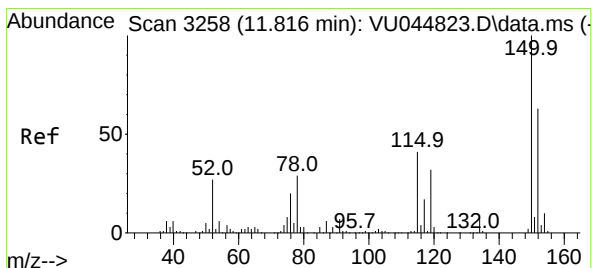
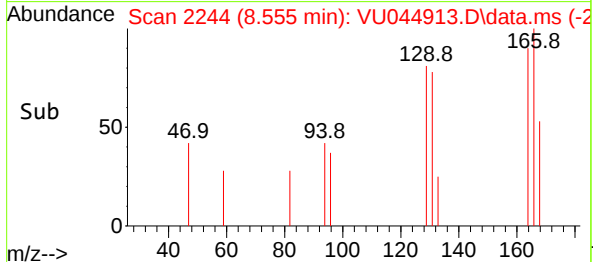
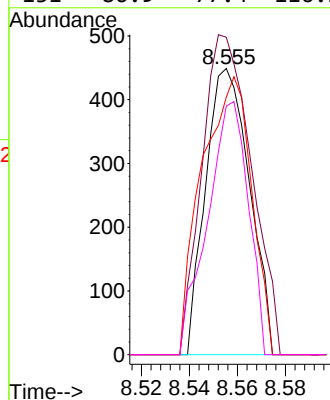
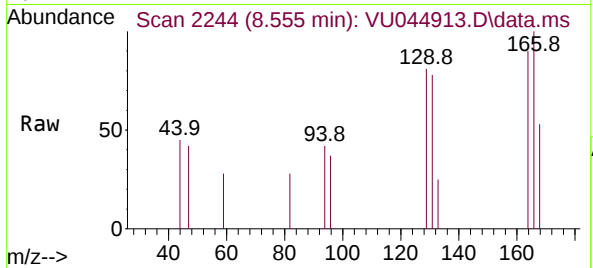


#64
Tetrachloroethene
Concen: 0.267 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL

Tgt Ion:164 Resp: 570

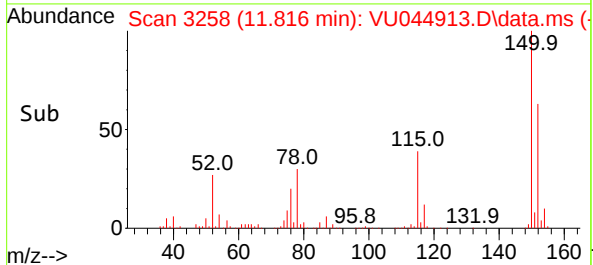
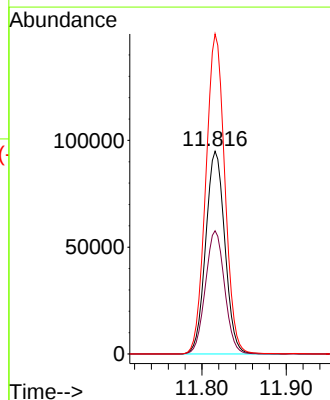
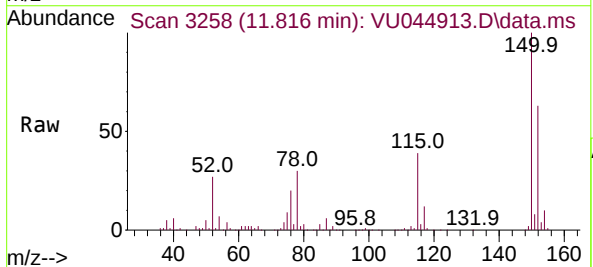
Ion	Ratio	Lower	Upper
164	100		
166	110.9	102.8	154.2
129	90.0	79.4	119.2
131	86.9	77.4	116.2

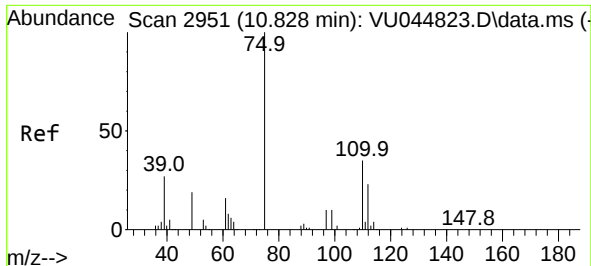


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Tgt Ion:152 Resp: 150334

Ion	Ratio	Lower	Upper
152	100		
115	60.9	43.5	130.7
150	156.7	0.0	350.0

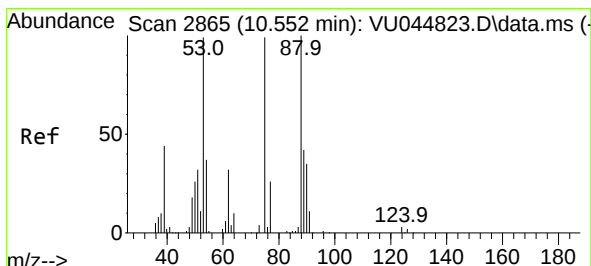
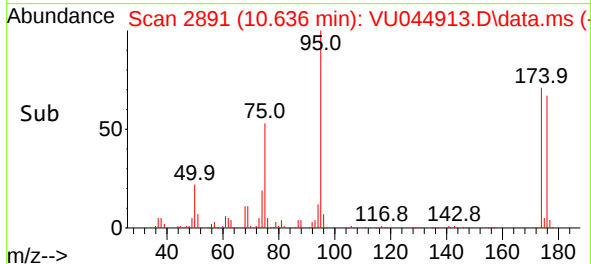
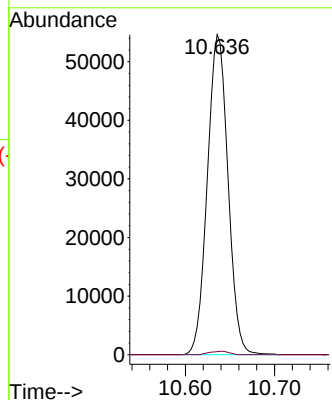
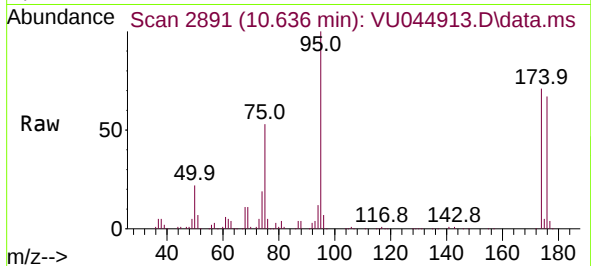




#76
1,2,3-Trichloropropane
Concen: 19.277 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

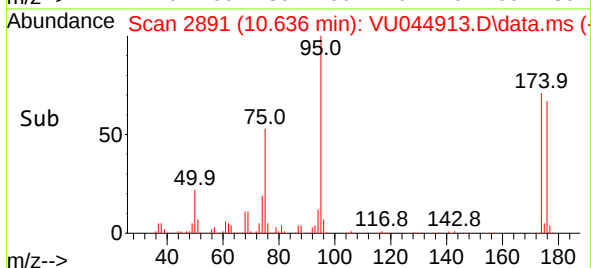
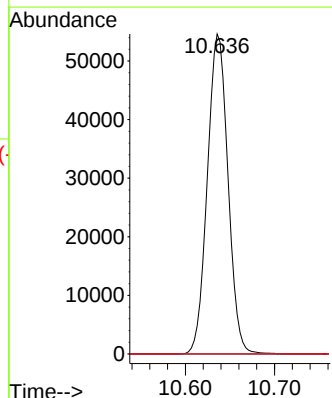
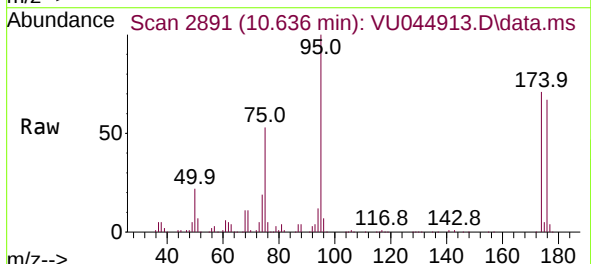
Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL

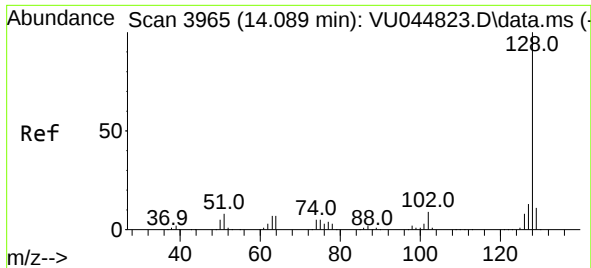
Tgt Ion: 75 Resp: 87755
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.446 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

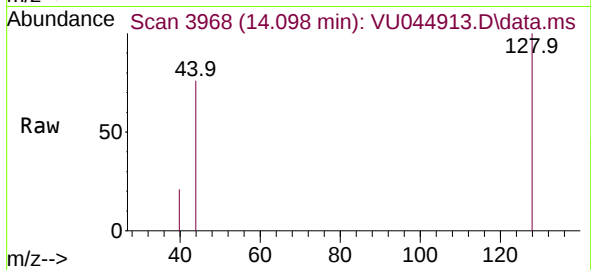
Tgt Ion: 75 Resp: 87755
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#





#95
Naphthalene
Concen: 1.046 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.009 min
Lab File: VU044913.D
Acq: 28 Sep 2021 01:54

Instrument :
MSVOA_U
ClientSampleId :
RE114D1-20210916DL



Tgt Ion:128 Resp: 1215
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 13.0#

