

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044909.D
 Acq On : 28 Sep 2021 00:20
 Operator : SY/MD
 Sample : M3859-01 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 1027-MW-01DL

Quant Time: Sep 28 06:30:24 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)

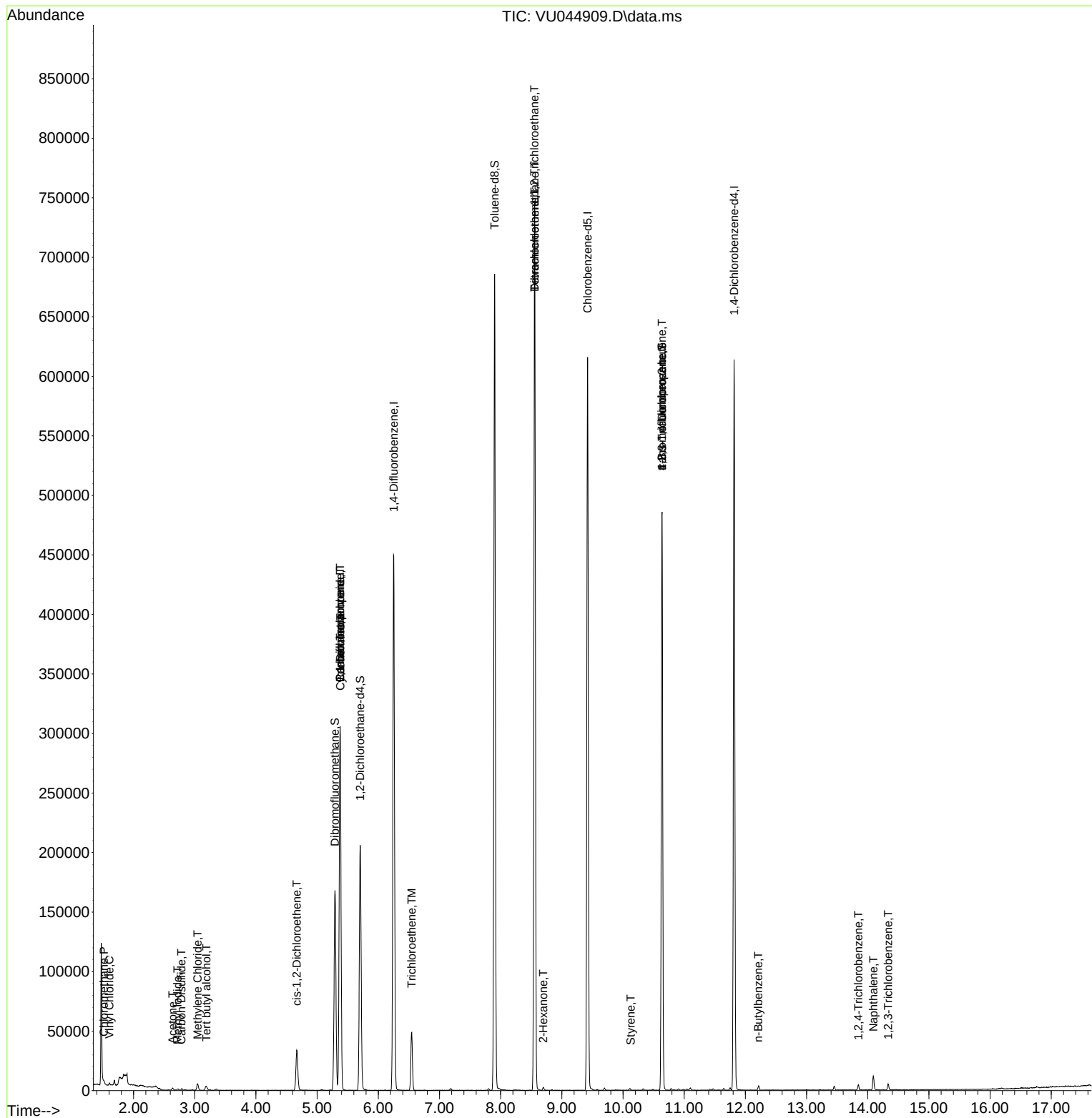
Internal Standards						
1) Pentafluorobenzene	5.375	168	201930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	348857	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	318446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	147973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	154858	43.941	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.880%	
35) Dibromofluoromethane	5.292	113	106822	44.635	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.280%	
50) Toluene-d8	7.903	98	436455	48.288	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.580%	
62) 4-Bromofluorobenzene	10.636	95	164172	48.902	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.800%	
Target Compounds					Qvalue	
3) Chloromethane	1.517	50	968	0.264	ug/l	93
4) Vinyl Chloride	1.604	62	1243	0.363	ug/l	97
5) Bromomethane	1.839	94	961	Below Cal		86
6) Chloroethane	1.925	64	273	Below Cal	#	42
10) Methyl Iodide	2.720	142	1234	0.462	ug/l #	89
11) Tert butyl alcohol	3.189	59	2632	2.559	ug/l #	72
16) Acetone	2.639	43	2250	1.132	ug/l	98
17) Carbon Disulfide	2.784	76	1623	0.237	ug/l #	75
20) Methylene Chloride	3.044	84	2727	0.847	ug/l	91
27) cis-1,2-Dichloroethene	4.668	96	16707	5.277	ug/l	91
31) Cyclohexane	5.379	56	5081	1.004	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	18641	5.036	ug/l #	50
38) Carbon Tetrachloride	5.375	117	21124	6.384	ug/l #	16
44) Trichloroethene	6.546	130	15540	5.730	ug/l	92
55) 1,1,2-Trichloroethane	8.552	97	1433	0.497	ug/l #	13
59) 2-Hexanone	8.697	43	1879	0.432	ug/l	87
60) Dibromochloromethane	8.555	129	150556	54.503	ug/l #	10
64) Tetrachloroethene	8.555	164	152598	70.696	ug/l	99
70) Styrene	10.128	104	516	1.073	ug/l	92
76) 1,2,3-Trichloropropane	10.636	75	89230	19.914	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	89230	64.509	ug/l #	9
89) n-Butylbenzene	12.211	91	1395	1.422	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	1678	0.589	ug/l	90
95) Naphthalene	14.092	128	10141	1.820	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	1885	0.650	ug/l	98

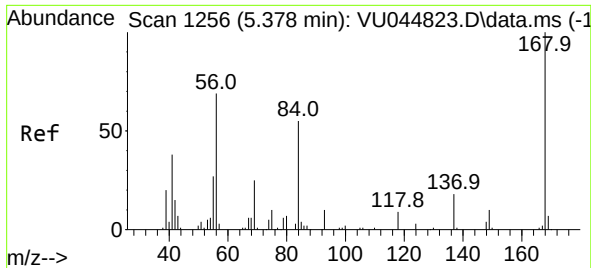
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
Data File : VU044909.D
Acq On : 28 Sep 2021 00:20
Operator : SY/MD
Sample : M3859-01 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

Quant Time: Sep 28 06:30:24 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

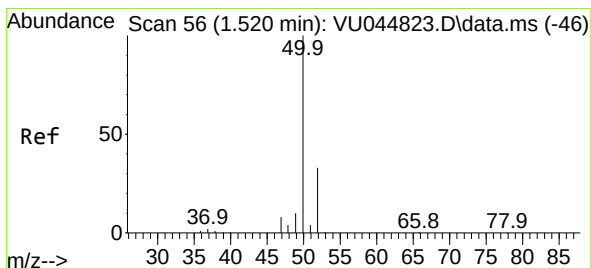
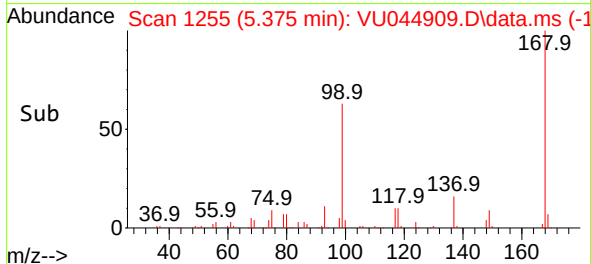
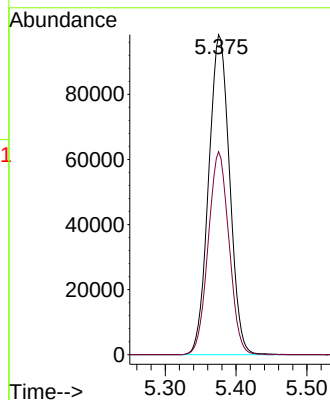
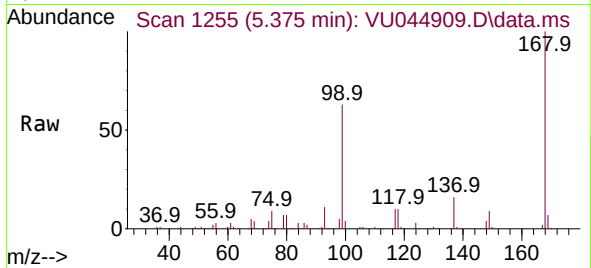




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

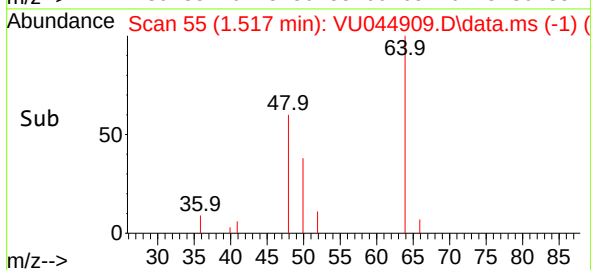
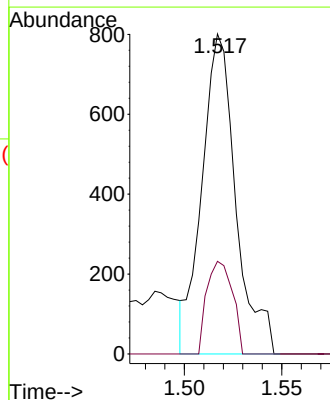
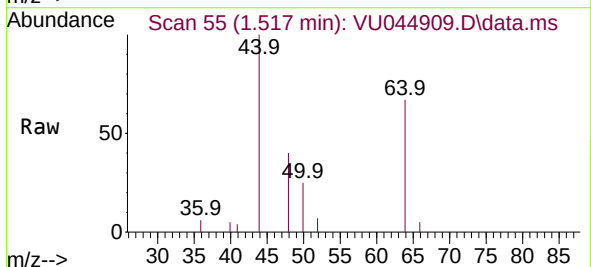
Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

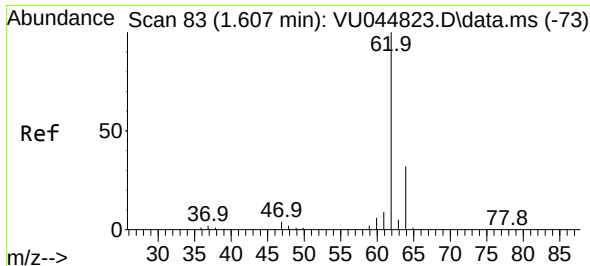
Tgt Ion:168 Resp: 201930
Ion Ratio Lower Upper
168 100
99 63.4 51.4 77.0



#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion: 50 Resp: 968
Ion Ratio Lower Upper
50 100
52 29.0 26.3 39.5

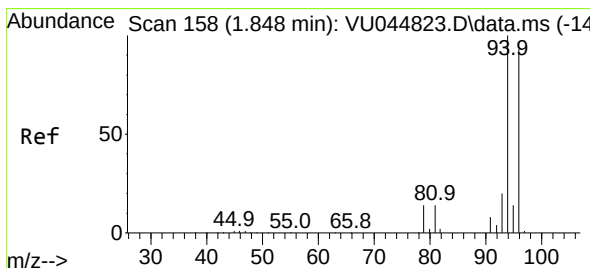
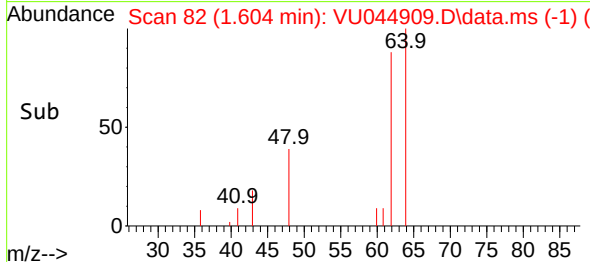
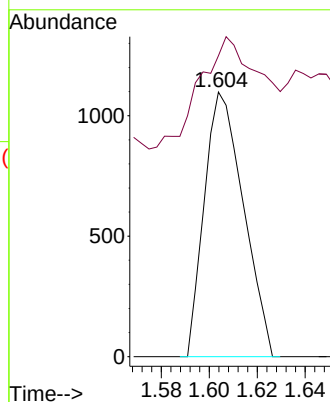
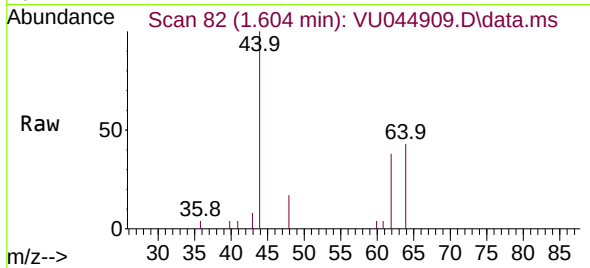




#4
 Vinyl Chloride
 Concen: 0.363 ug/l
 RT: 1.604 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VU044909.D
 Acq: 28 Sep 2021 00:20

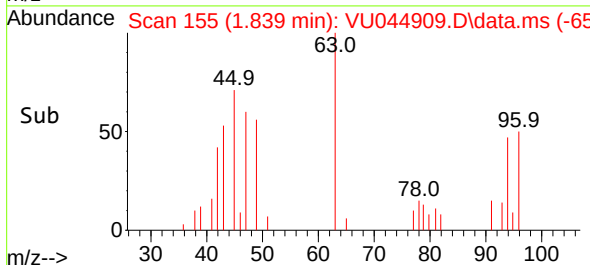
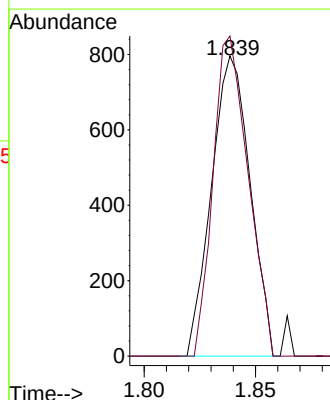
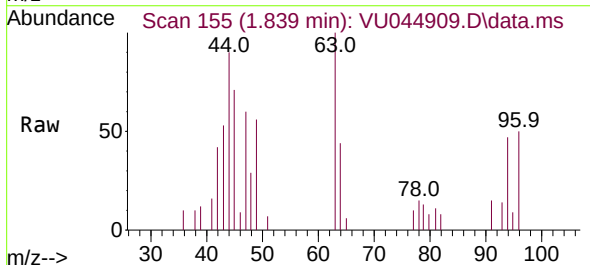
Instrument :
 MSVOA_U
 ClientSampleID :
 1027-MW-01DL

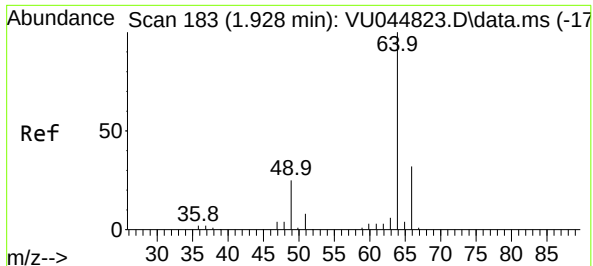
Tgt Ion: 62 Resp: 1243
 Ion Ratio Lower Upper
 62 100
 64 30.5 25.6 38.4



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.839 min Scan# 155
 Delta R.T. -0.009 min
 Lab File: VU044909.D
 Acq: 28 Sep 2021 00:20

Tgt Ion: 94 Resp: 961
 Ion Ratio Lower Upper
 94 100
 96 106.7 74.5 111.7

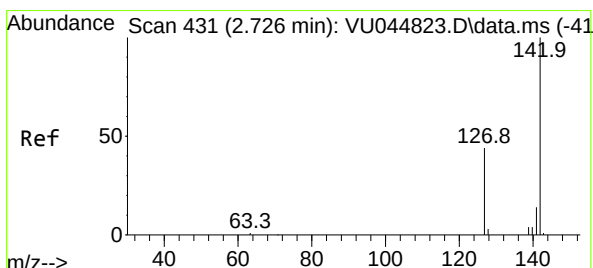
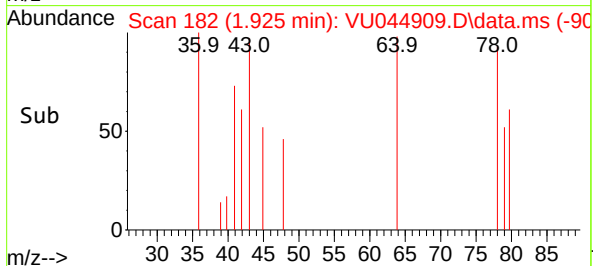
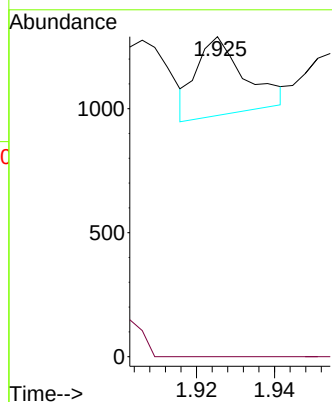
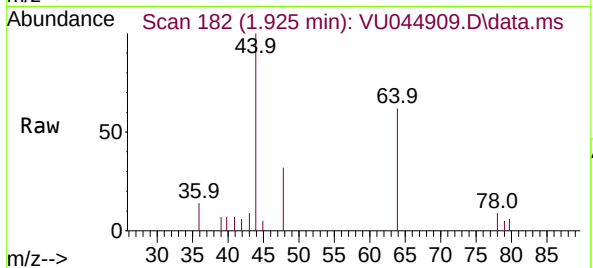




#6
Chloroethane
Concen: Below Cal
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

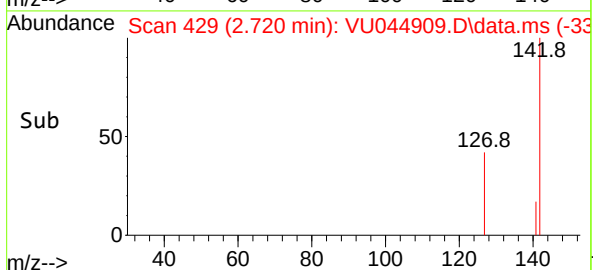
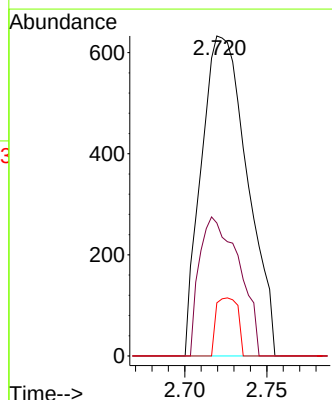
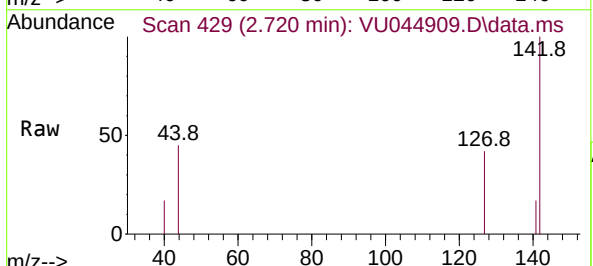
Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

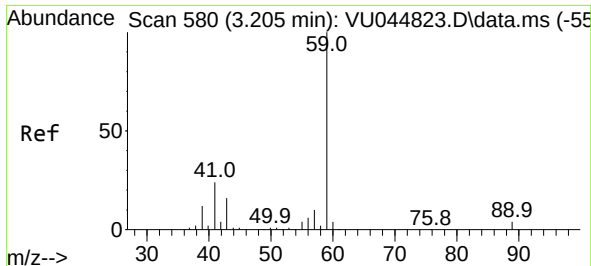
Tgt Ion: 64 Resp: 273
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



#10
Methyl Iodide
Concen: 0.462 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.006 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion: 142 Resp: 1234
Ion Ratio Lower Upper
142 100
127 37.6 35.6 53.4
141 8.5 11.3 16.9#





#11

Tert butyl alcohol

Concen: 2.559 ug/l

RT: 3.189 min Scan# 575

Delta R.T. -0.016 min

Lab File: VU044909.D

Acq: 28 Sep 2021 00:20

Tgt Ion: 59 Resp: 2632

Ion Ratio Lower Upper

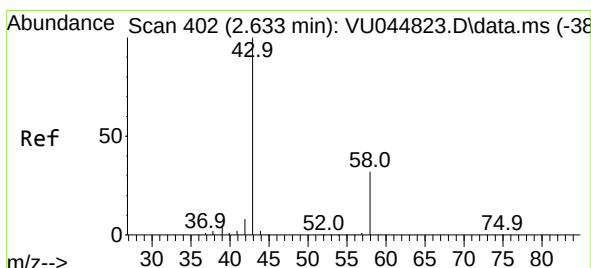
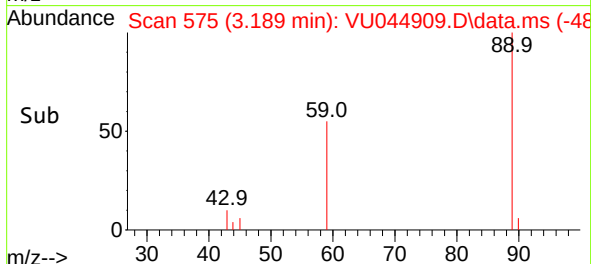
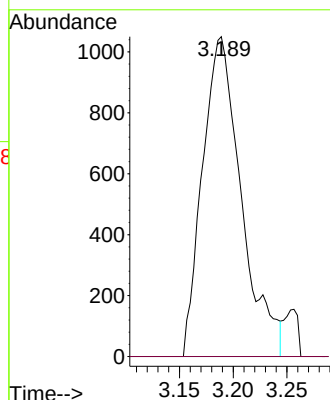
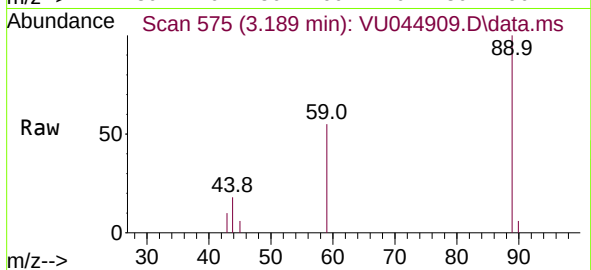
59 100
57 0.0 8.3 12.5#

Instrument :

MSVOA_U

ClientSampleId :

1027-MW-01DL



#16

Acetone

Concen: 1.132 ug/l

RT: 2.639 min Scan# 404

Delta R.T. 0.007 min

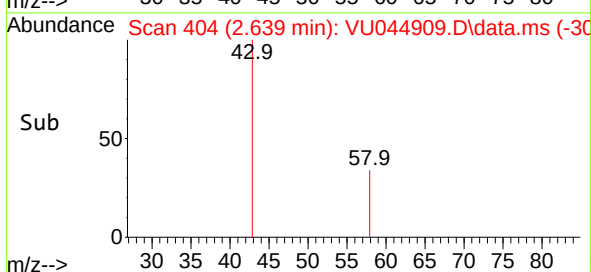
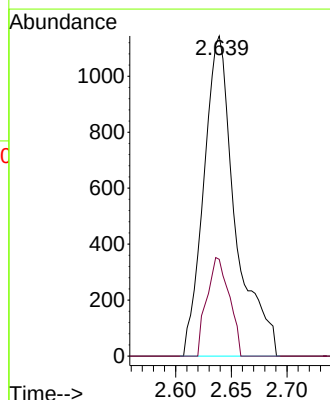
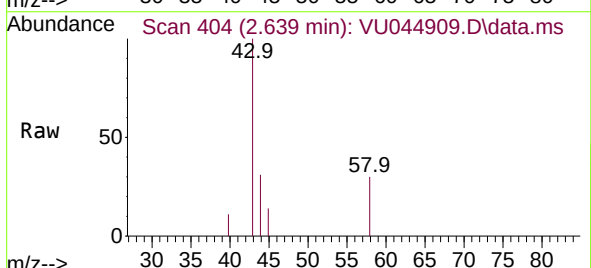
Lab File: VU044909.D

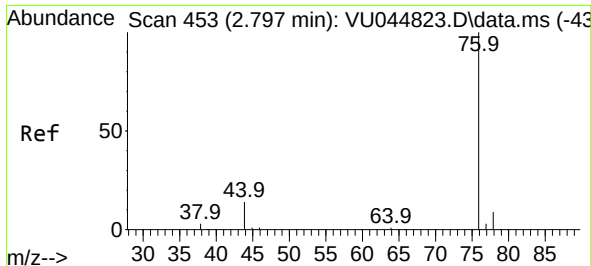
Acq: 28 Sep 2021 00:20

Tgt Ion: 43 Resp: 2250

Ion Ratio Lower Upper

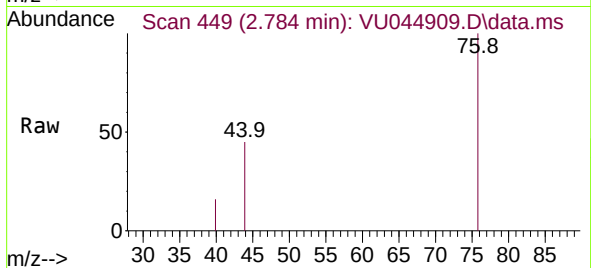
43 100
58 30.2 25.2 37.8



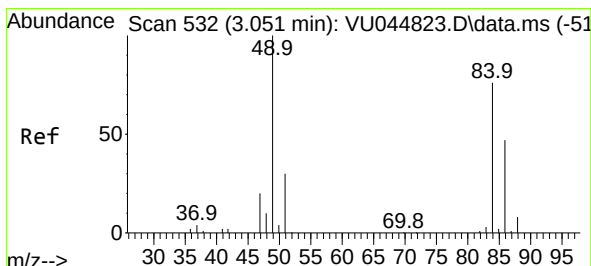
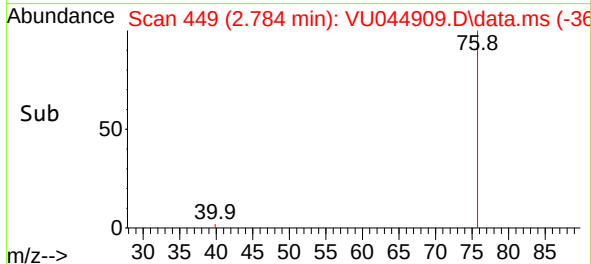
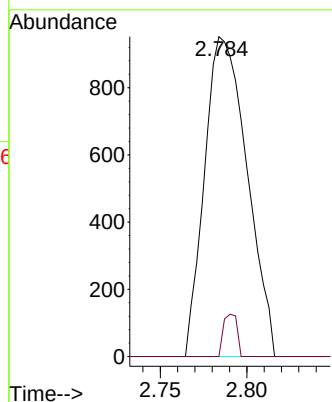


#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.784 min Scan# 449
Delta R.T. -0.013 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

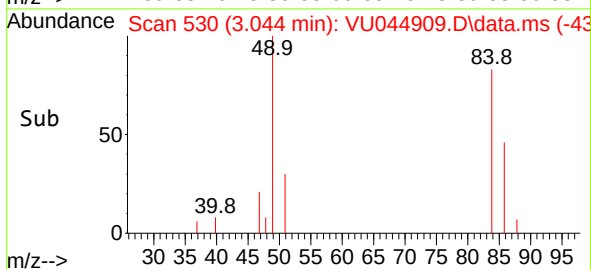
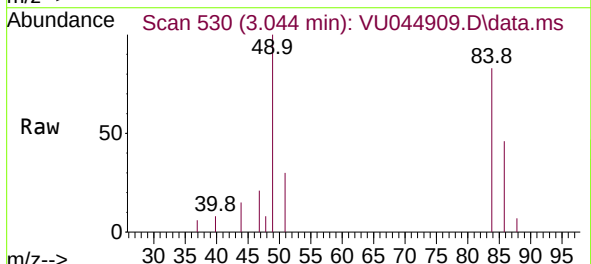
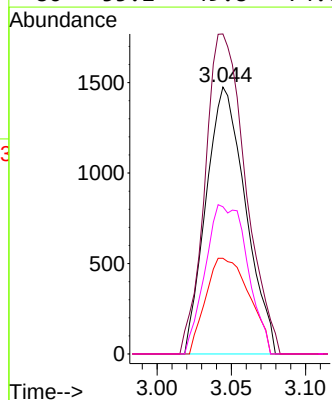


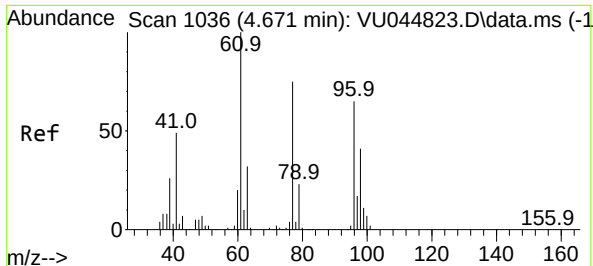
Tgt Ion: 76 Resp: 1623
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: 0.847 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.006 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion: 84 Resp: 2727
Ion Ratio Lower Upper
84 100
49 119.9 104.9 157.3
51 35.9 31.8 47.8
86 55.2 49.8 74.6





#27

cis-1,2-Dichloroethene

Concen: 5.277 ug/l

RT: 4.668 min Scan# 1035

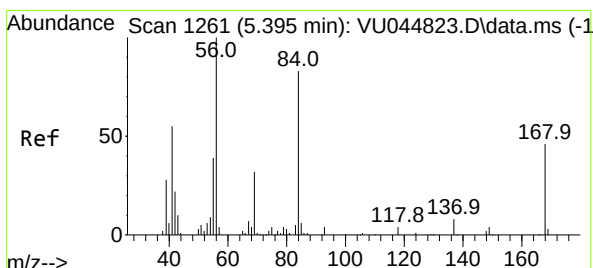
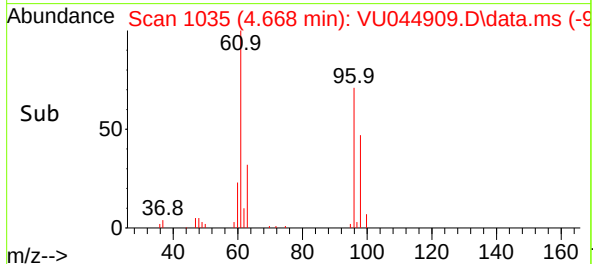
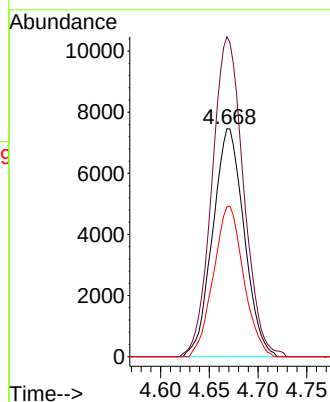
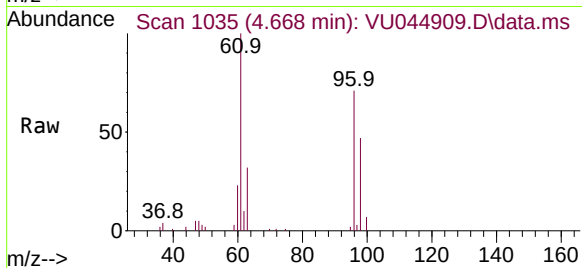
Delta R.T. -0.003 min

Lab File: VU044909.D

Acq: 28 Sep 2021 00:20

Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

Tgt Ion:	96	Resp:	16707
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	313.4
98	63.4	0.0	127.0



#31

Cyclohexane

Concen: 1.004 ug/l

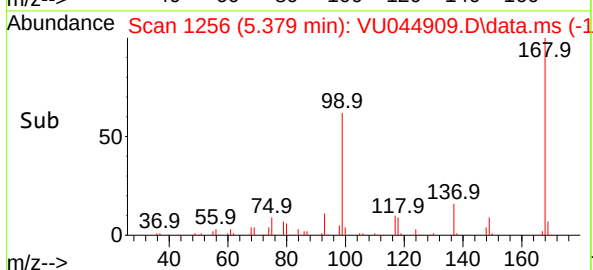
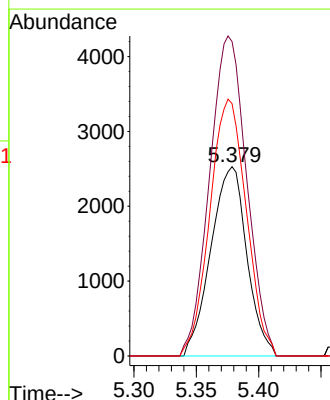
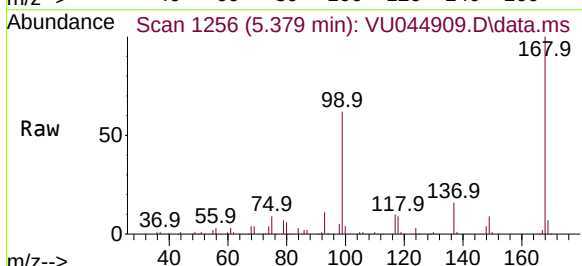
RT: 5.379 min Scan# 1256

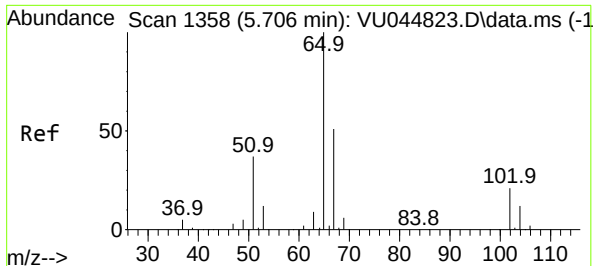
Delta R.T. -0.016 min

Lab File: VU044909.D

Acq: 28 Sep 2021 00:20

Tgt Ion:	56	Resp:	5081
Ion	Ratio	Lower	Upper
56	100		
69	166.1	25.2	37.8#
84	133.3	66.4	99.6#



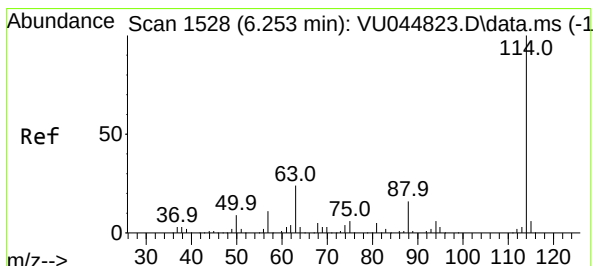
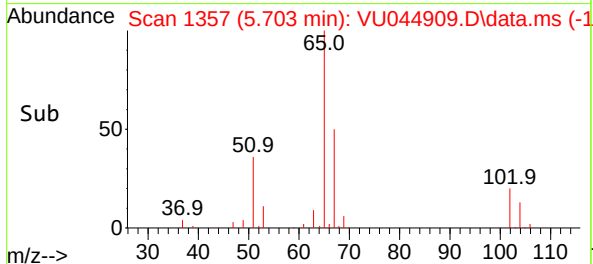
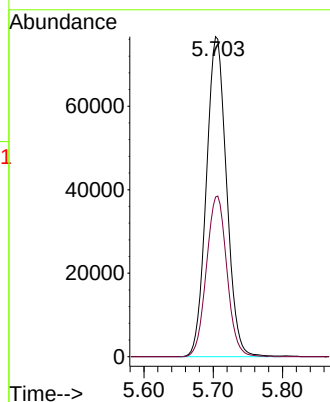
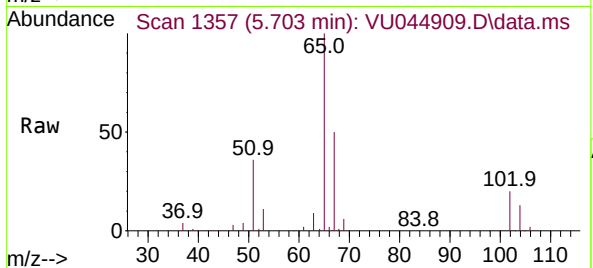


#33

1,2-Dichloroethane-d4
Concen: 43.941 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

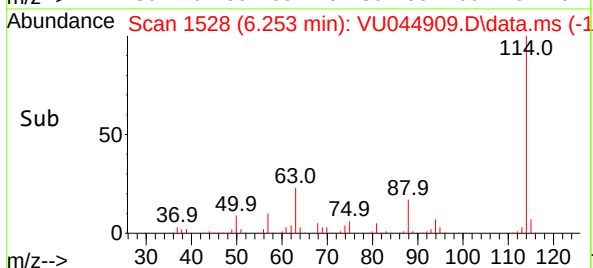
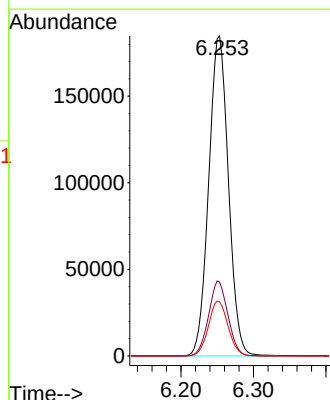
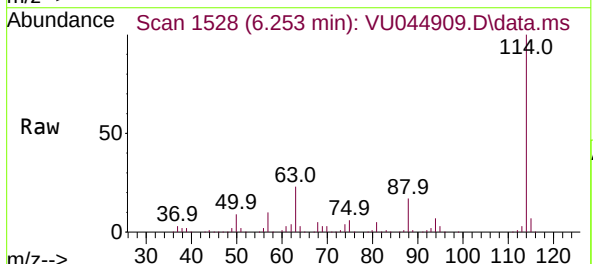
Tgt Ion: 65 Resp: 154858
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8

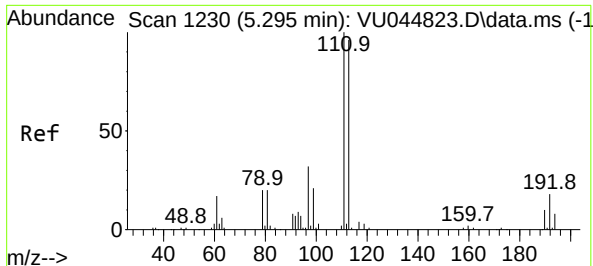


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion: 114 Resp: 348857
Ion Ratio Lower Upper
114 100
63 23.1 0.0 47.8
88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.635 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.003 min

Lab File: VU044909.D

Acq: 28 Sep 2021 00:20

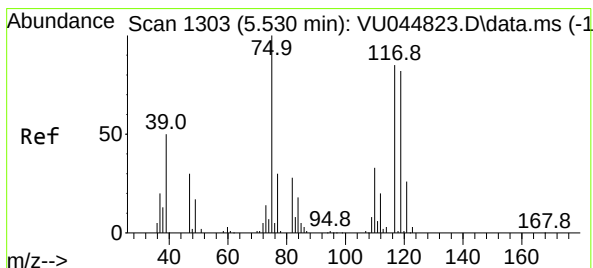
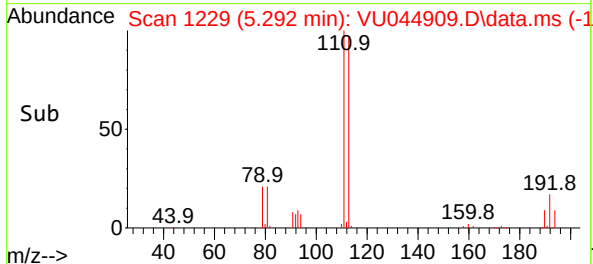
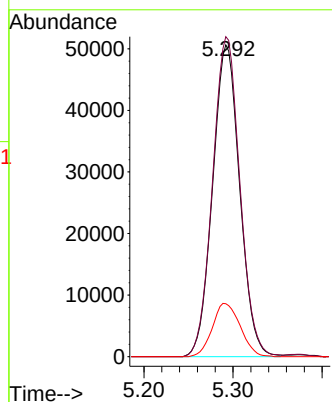
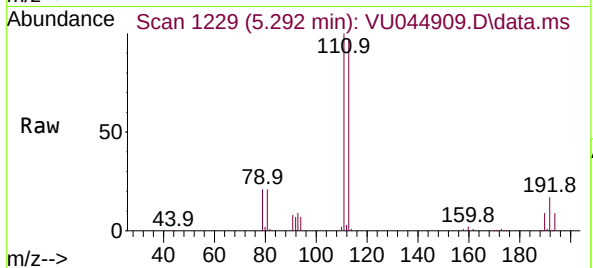
Tgt Ion: 113 Resp: 106822

Ion Ratio Lower Upper

113 100

111 103.6 84.1 126.1

192 17.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.036 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU044909.D

Acq: 28 Sep 2021 00:20

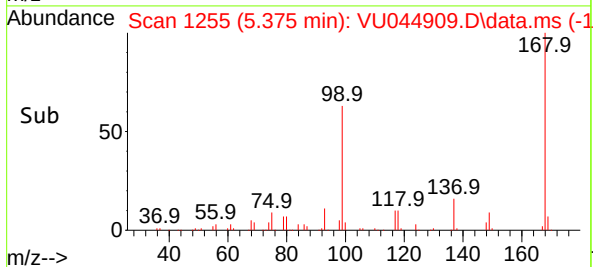
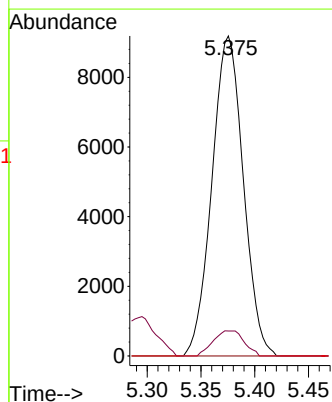
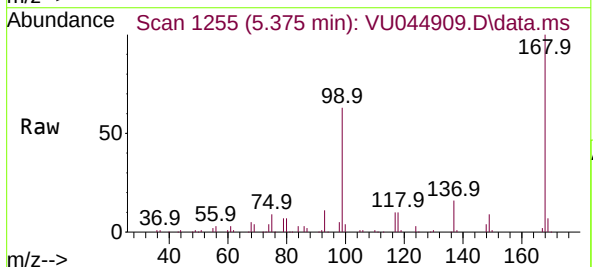
Tgt Ion: 75 Resp: 18641

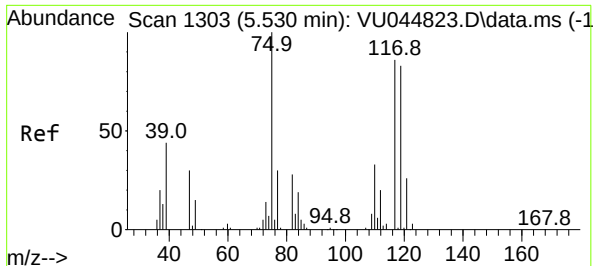
Ion Ratio Lower Upper

75 100

110 7.7 16.3 48.9#

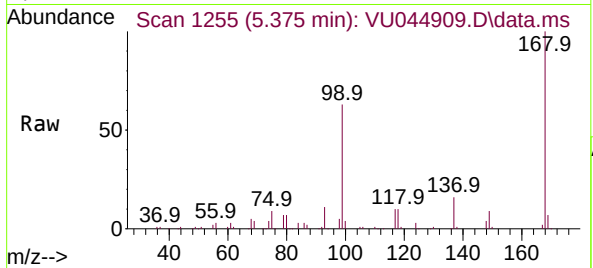
77 0.0 25.0 37.4#



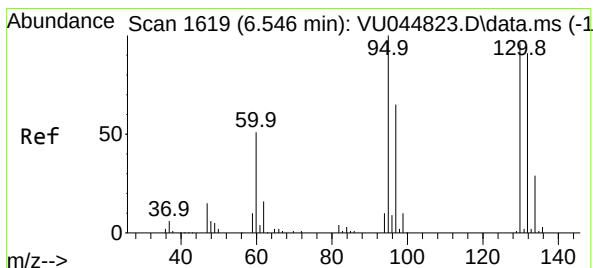
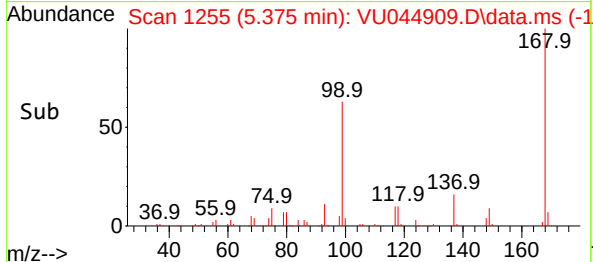
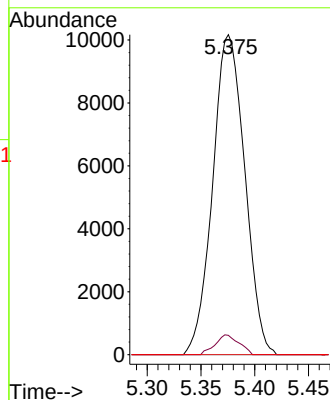


#38
Carbon Tetrachloride
Concen: 6.384 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

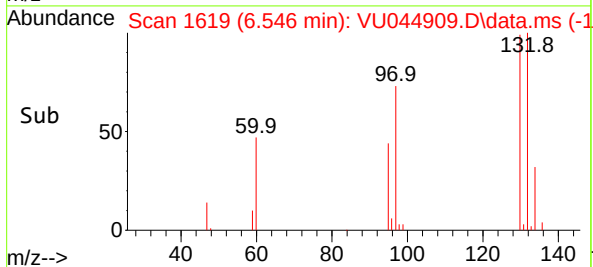
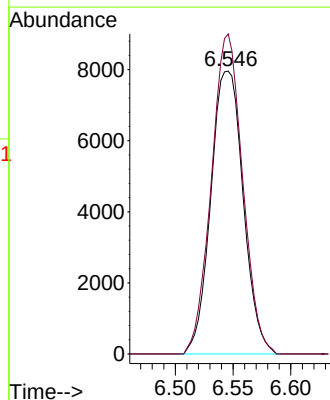
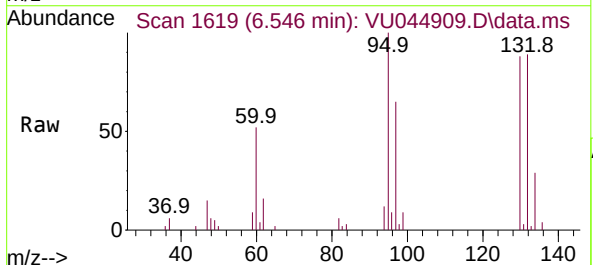


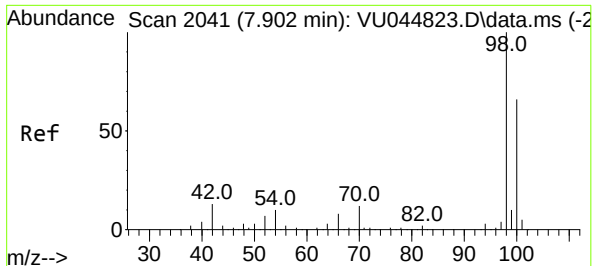
Tgt Ion:117 Resp: 21124
Ion Ratio Lower Upper
117 100
119 6.0 77.4 116.2#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 5.730 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion:130 Resp: 15540
Ion Ratio Lower Upper
130 100
95 113.1 0.0 209.0

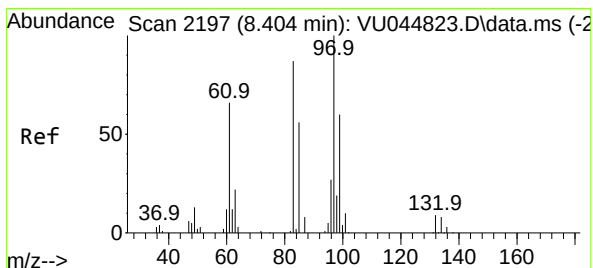
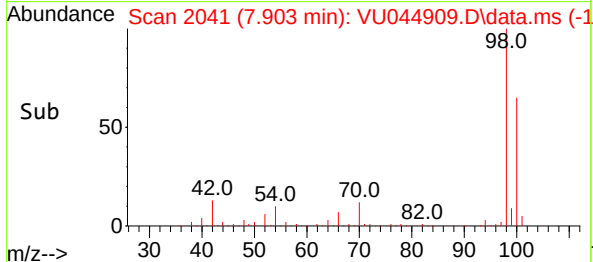
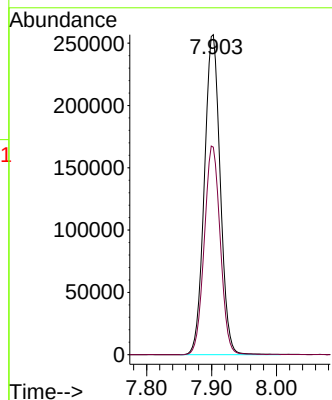
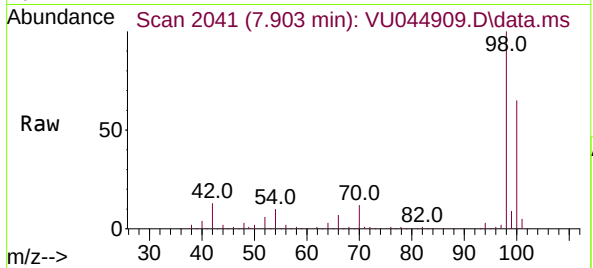




#50
Toluene-d8
Concen: 48.288 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

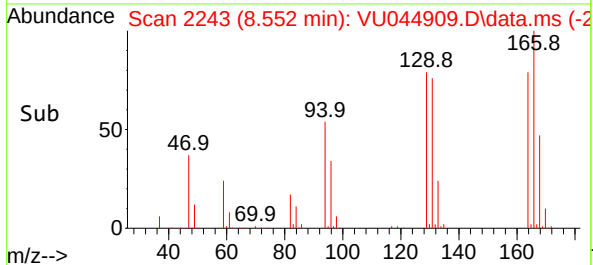
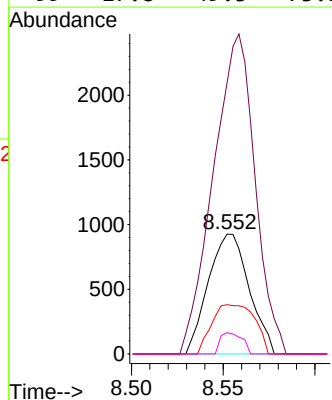
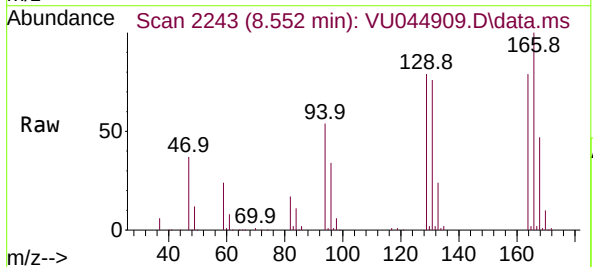
Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

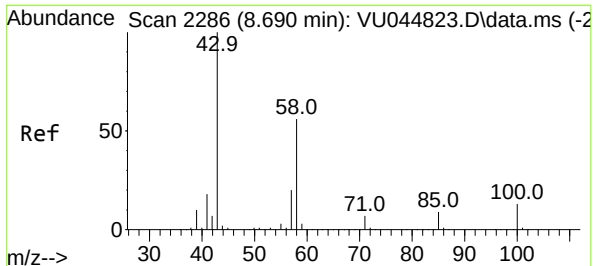
Tgt Ion: 98 Resp: 436455
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#55
1,1,2-Trichloroethane
Concen: 0.497 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.148 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion: 97 Resp: 1433
Ion Ratio Lower Upper
97 100
83 226.3 69.7 104.5#
85 41.1 44.8 67.2#
99 17.8 49.3 73.9#





#59

2-Hexanone

Concen: 0.432 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.007 min

Lab File: VU044909.D

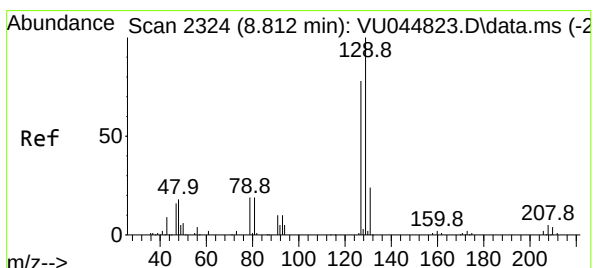
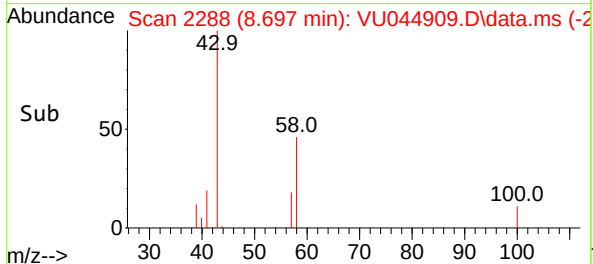
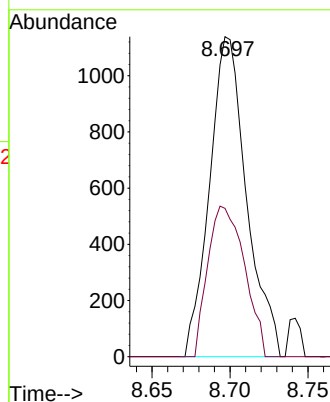
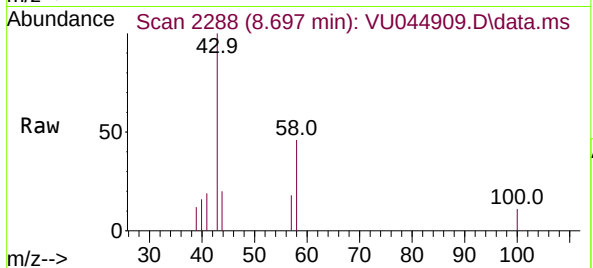
Acq: 28 Sep 2021 00:20

Tgt Ion: 43 Resp: 1879

Ion Ratio Lower Upper

43 100

58 46.6 28.0 84.0



#60

Dibromochloromethane

Concen: 54.503 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU044909.D

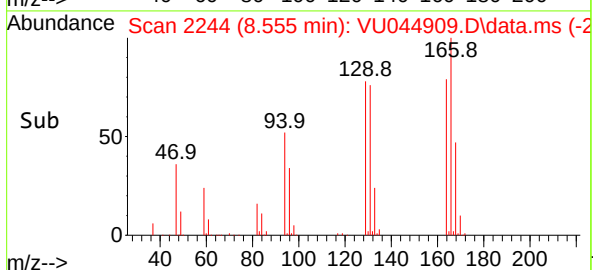
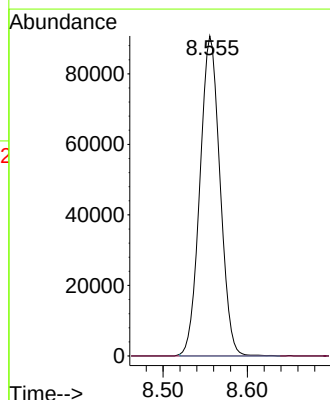
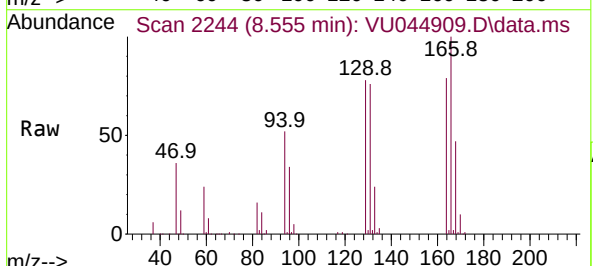
Acq: 28 Sep 2021 00:20

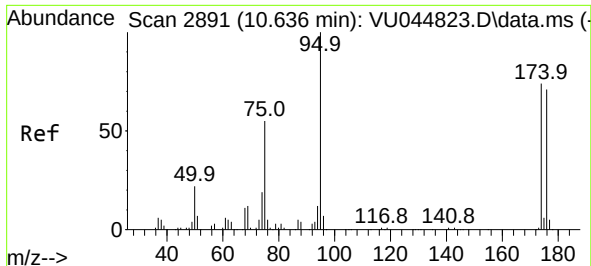
Tgt Ion: 129 Resp: 150556

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

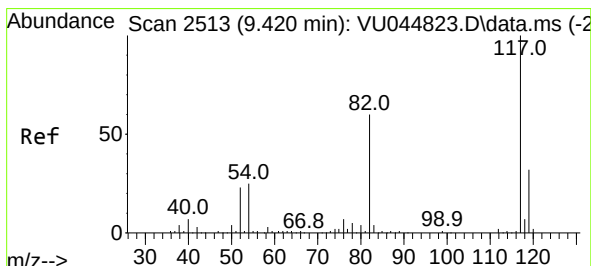
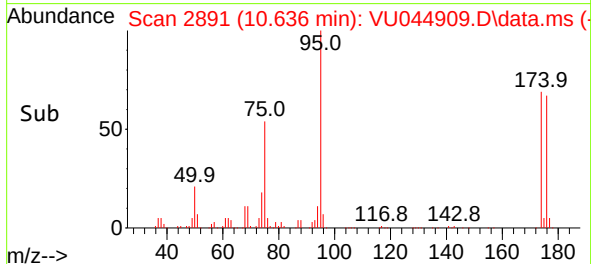
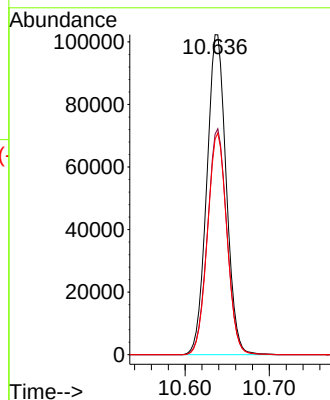
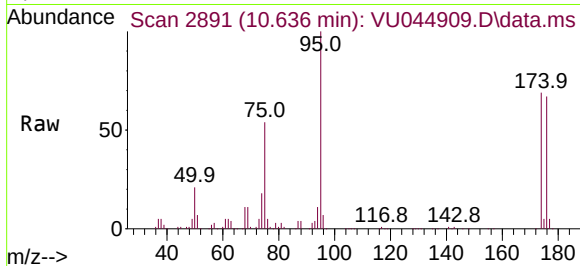




#62
4-Bromofluorobenzene
Concen: 48.902 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

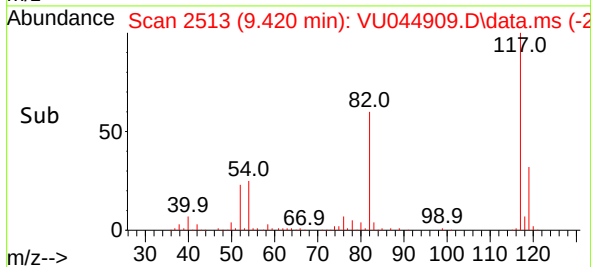
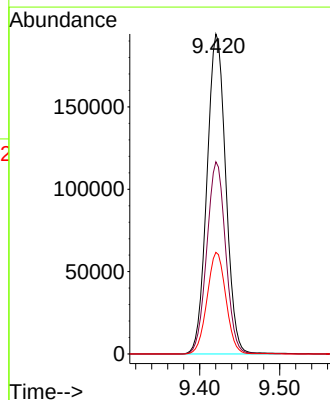
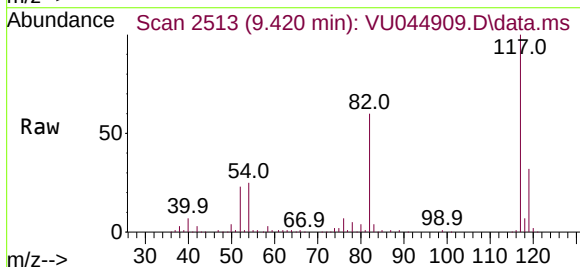
Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

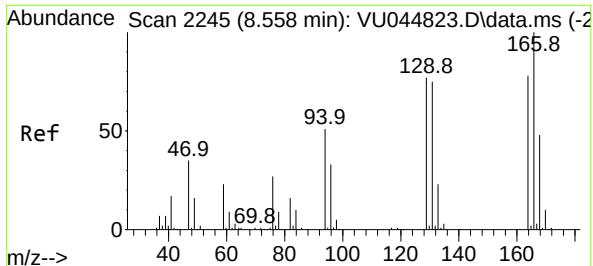
Tgt Ion: 95 Resp: 164172
Ion Ratio Lower Upper
95 100
174 70.5 0.0 146.6
176 69.2 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion: 117 Resp: 318446
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 31.8 25.8 38.6

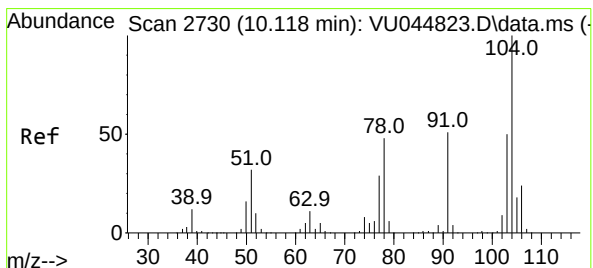
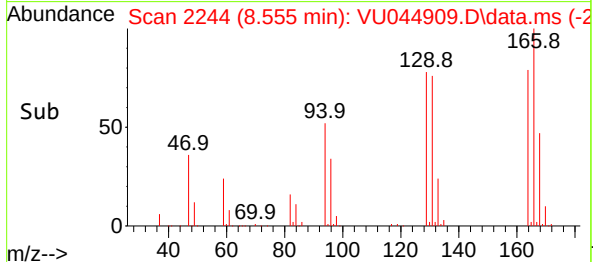
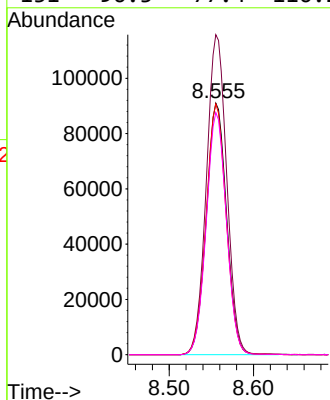
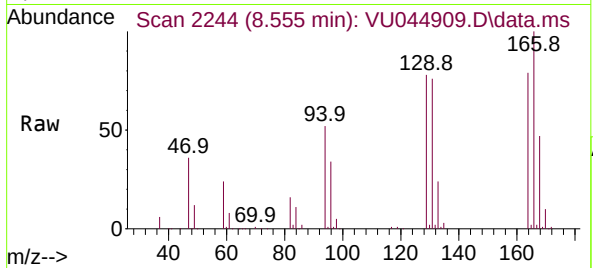




#64
Tetrachloroethene
Concen: 70.696 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

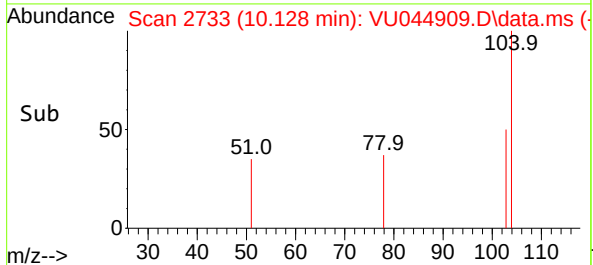
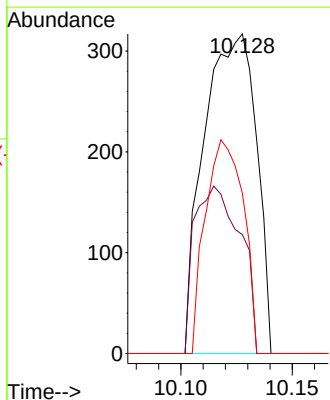
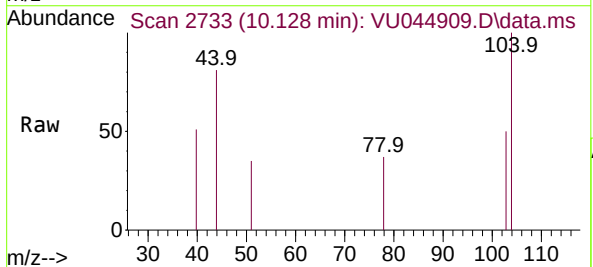
Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

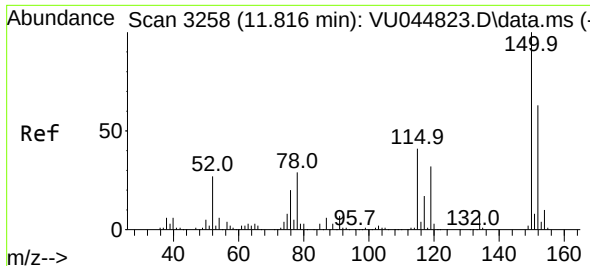
Tgt Ion:164 Resp: 152598
Ion Ratio Lower Upper
164 100
166 127.3 102.8 154.2
129 99.7 79.4 119.2
131 96.3 77.4 116.2



#70
Styrene
Concen: 1.073 ug/l
RT: 10.128 min Scan# 2733
Delta R.T. 0.010 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion:104 Resp: 516
Ion Ratio Lower Upper
104 100
78 45.9 41.4 62.0
103 48.6 43.5 65.3

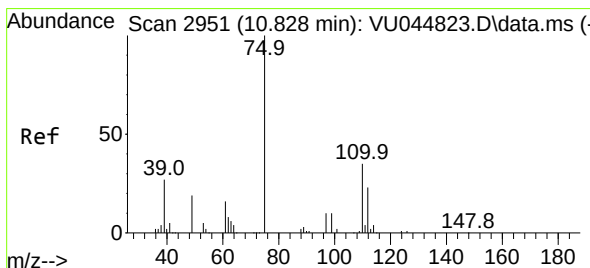
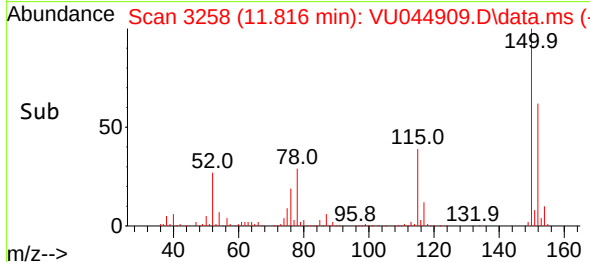
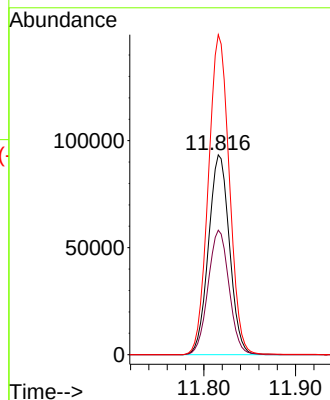
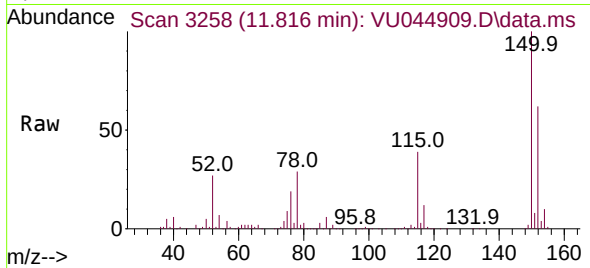




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU044909.D
 Acq: 28 Sep 2021 00:20

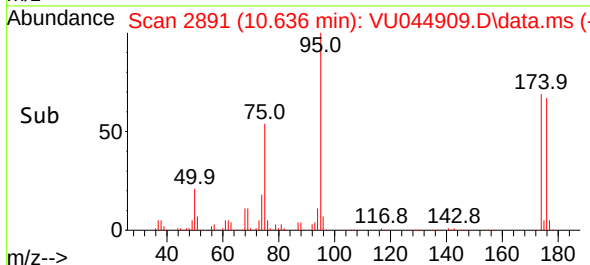
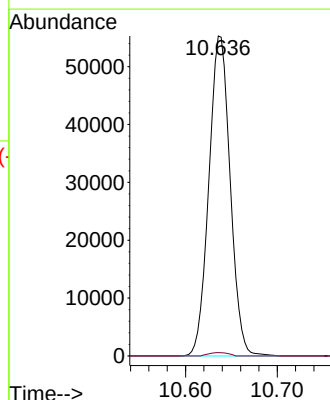
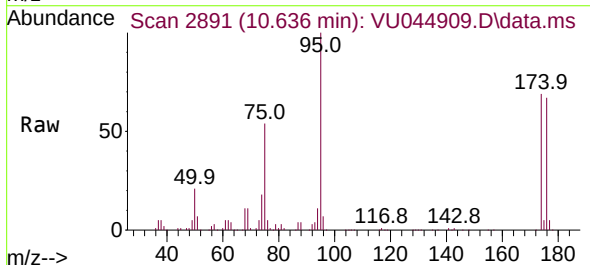
Instrument :
 MSVOA_U
 ClientSampled :
 1027-MW-01DL

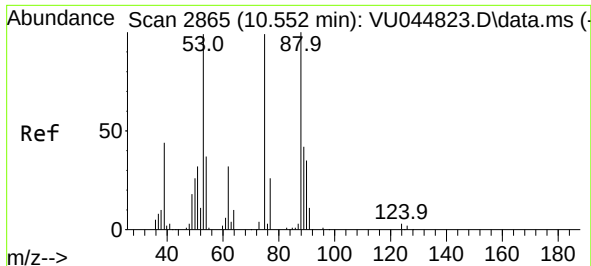
Tgt Ion:152 Resp: 147973
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.5 130.7
 150 159.8 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 19.914 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044909.D
 Acq: 28 Sep 2021 00:20

Tgt Ion: 75 Resp: 89230
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.9 53.7#

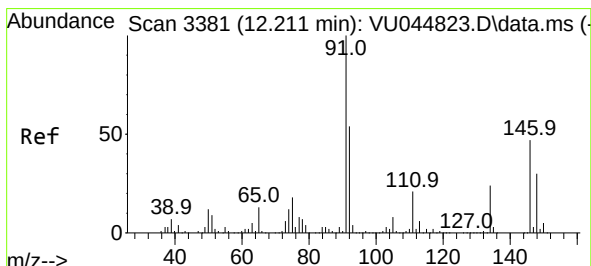
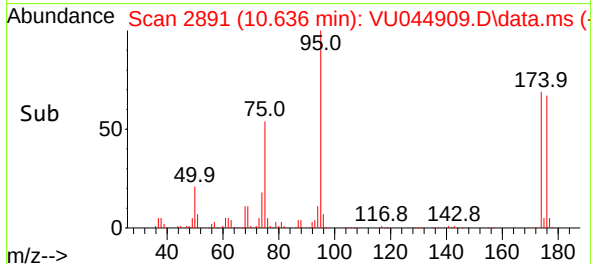
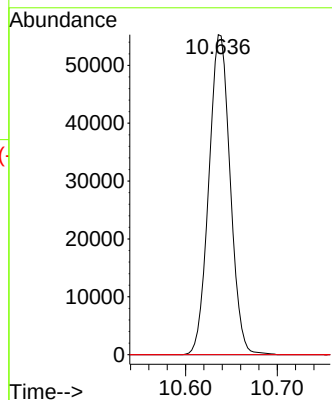
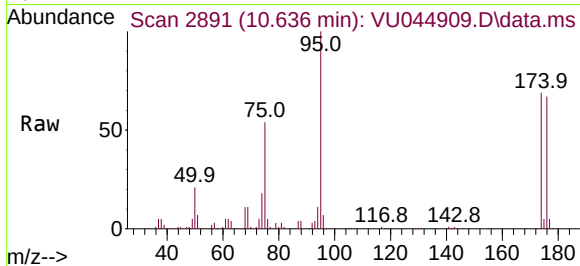




#81
trans-1,4-Dichloro-2-butene
Concen: 64.509 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

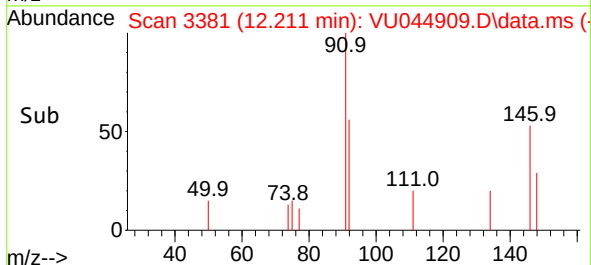
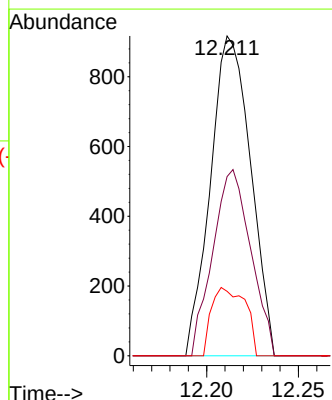
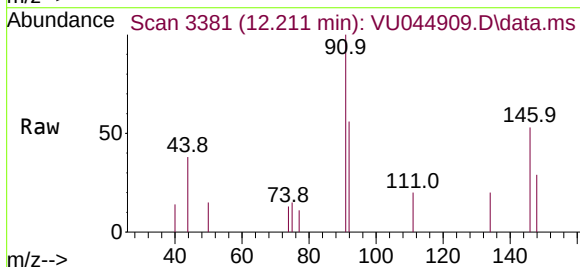
Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

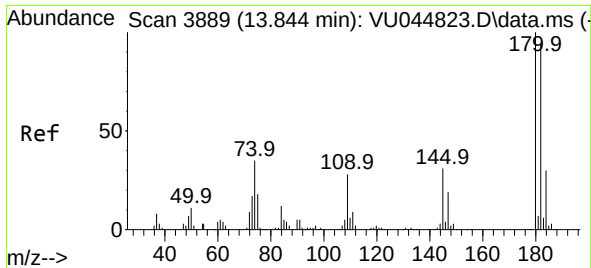
Tgt Ion: 75 Resp: 89230
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#89
n-Butylbenzene
Concen: 1.422 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion: 91 Resp: 1395
Ion Ratio Lower Upper
91 100
92 55.1 26.8 80.4
134 17.9 11.8 35.4

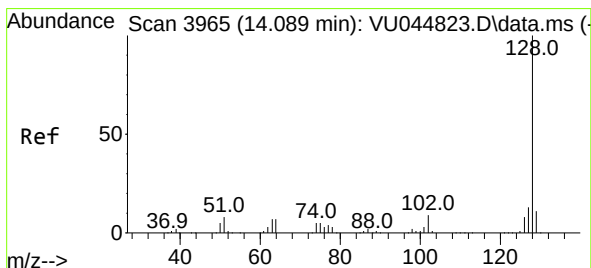
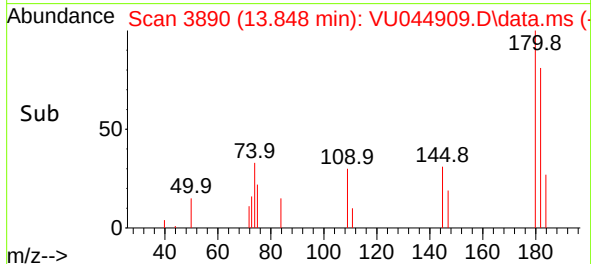
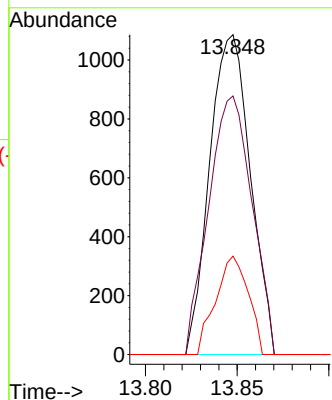
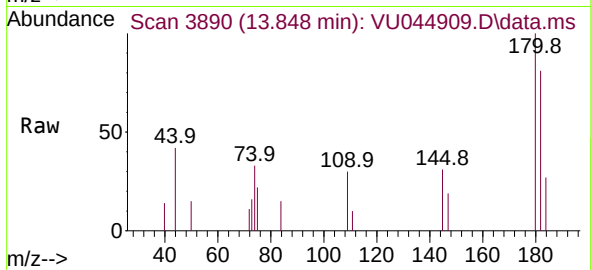




#93
1,2,4-Trichlorobenzene
Concen: 0.589 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

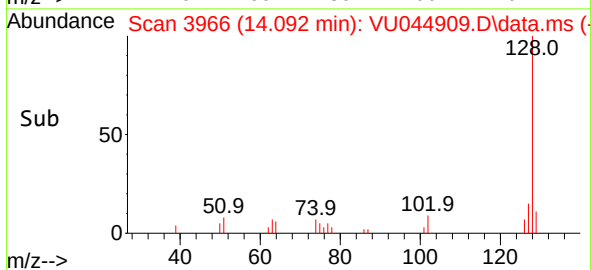
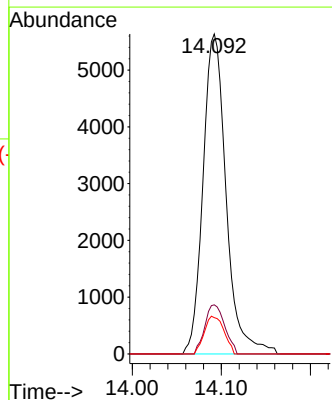
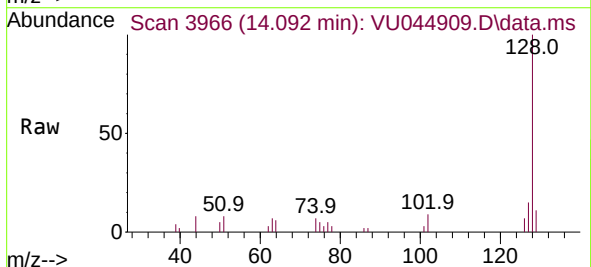
Instrument :
MSVOA_U
ClientSampleId :
1027-MW-01DL

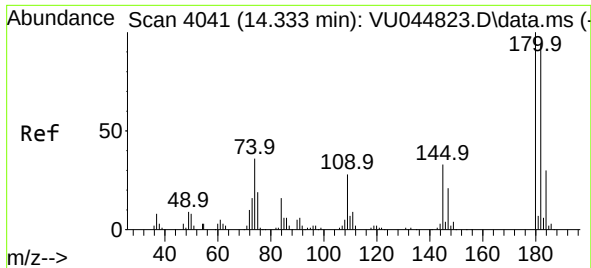
Tgt Ion:180 Resp: 1678
Ion Ratio Lower Upper
180 100
182 86.0 47.4 142.3
145 24.6 15.4 46.2



#95
Naphthalene
Concen: 1.820 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044909.D
Acq: 28 Sep 2021 00:20

Tgt Ion:128 Resp: 10141
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.650 ug/l
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VU044909.D
 Acq: 28 Sep 2021 00:20

Instrument :
 MSVOA_U
 ClientSampleId :
 1027-MW-01DL

Tgt Ion:180 Resp: 1885
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.1 141.4
 145 30.7 16.4 49.2

