

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090821\
 Data File : VX024134.D
 Acq On : 08 Sep 2021 13:54
 Operator : JC/MD
 Sample : M3655-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CON-GROWSRE

Quant Time: Sep 09 05:45:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

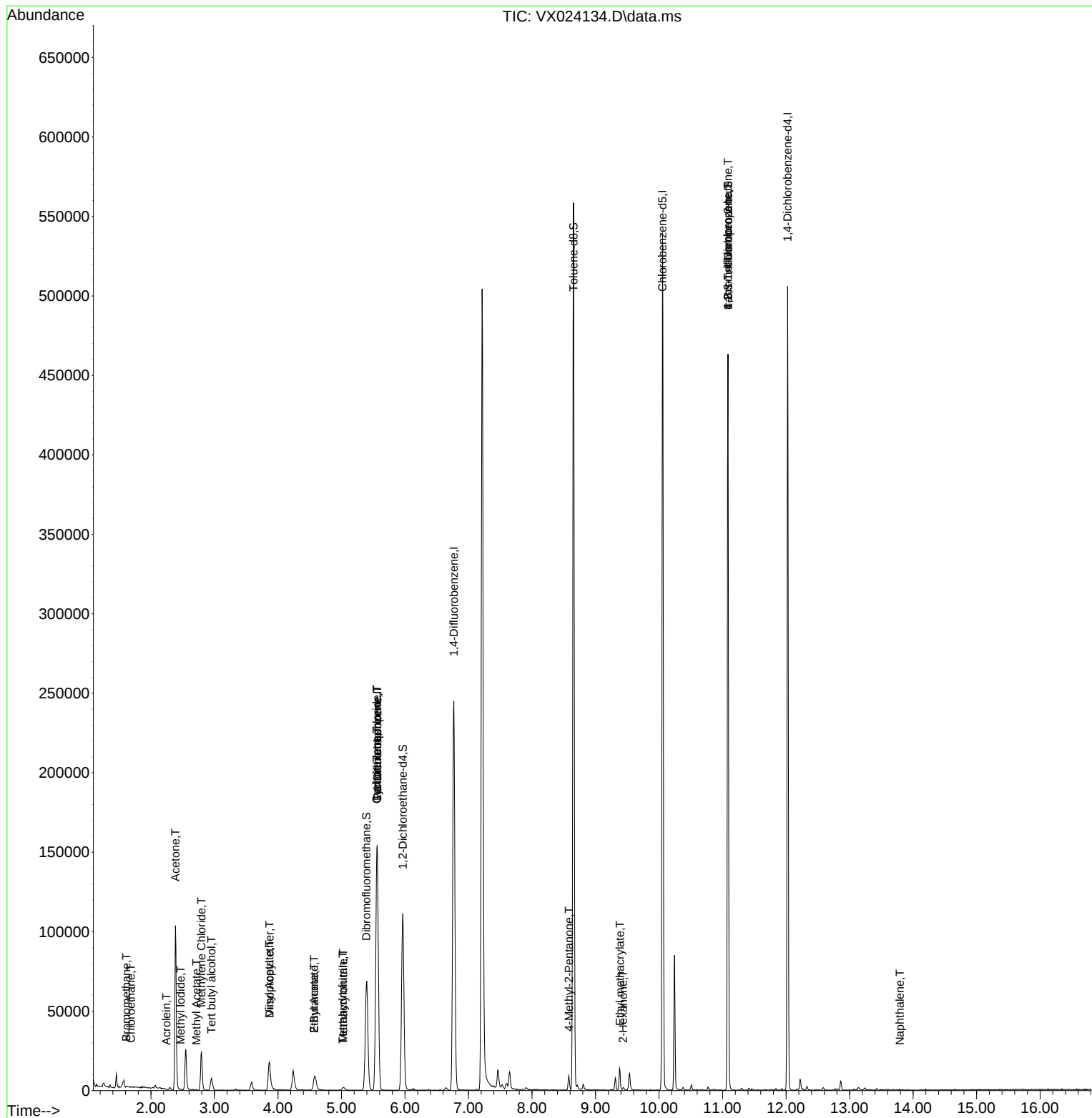
Internal Standards						
1) Pentafluorobenzene	5.562	168	144738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112380	55.631	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 111.260%		
35) Dibromofluoromethane	5.391	113	58381	36.228	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 72.460%#		
50) Toluene-d8	8.653	98	317334	51.739	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.480%		
62) 4-Bromofluorobenzene	11.085	95	117255	51.932	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.860%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	456	0.444	ug/l	87
6) Chloroethane	1.685	64	214	2.367	ug/l #	43
10) Methyl Iodide	2.465	142	518	0.256	ug/l #	74
11) Tert butyl alcohol	2.953	59	4987	12.207	ug/l #	76
13) Acrolein	2.239	56	70	0.288	ug/l #	54
16) Acetone	2.386	43	105891	117.235	ug/l	91
18) Methyl Acetate	2.715	43	604	0.268	ug/l #	56
20) Methylene Chloride	2.794	84	10732	6.220	ug/l	93
22) Diisopropyl ether	3.867	45	1200	0.235	ug/l #	1
23) Vinyl Acetate	3.861	43	3141	0.762	ug/l #	68
25) 2-Butanone	4.568	43	9517	6.956	ug/l #	84
29) Tetrahydrofuran	5.019	42	1430	1.614	ug/l #	80
31) Cyclohexane	5.556	56	3252	1.253	ug/l #	43
36) 1,1-Dichloropropene	5.562	75	11315	5.018	ug/l #	50
37) Ethyl Acetate	4.568	43	9517	3.434	ug/l #	64
38) Carbon Tetrachloride	5.556	117	15345	6.527	ug/l #	16
41) Methacrylonitrile	5.025	41	899	0.598	ug/l #	34
51) 4-Methyl-2-Pentanone	8.580	43	5391	1.924	ug/l	90
56) Ethyl methacrylate	9.384	69	365	0.878	ug/l #	1
59) 2-Hexanone	9.433	43	1187	0.551	ug/l	64
76) 1,2,3-Trichloropropane	11.085	75	64101	27.133	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	64101	79.812	ug/l #	12
95) Naphthalene	13.792	128	270	1.318	ug/l #	69

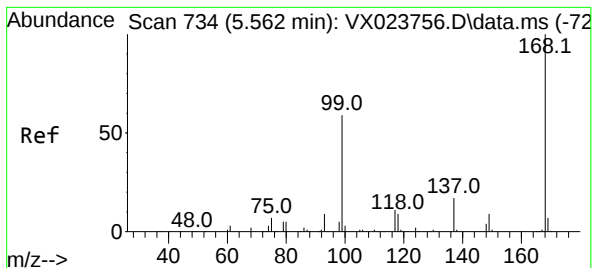
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090821\
Data File : VX024134.D
Acq On : 08 Sep 2021 13:54
Operator : JC/MD
Sample : M3655-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

Quant Time: Sep 09 05:45:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.000 min

Lab File: VX024134.D

Acq: 08 Sep 2021 13:54

Instrument :

MSVOA_X

ClientSampleId :

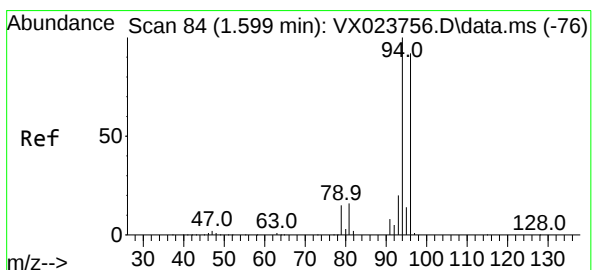
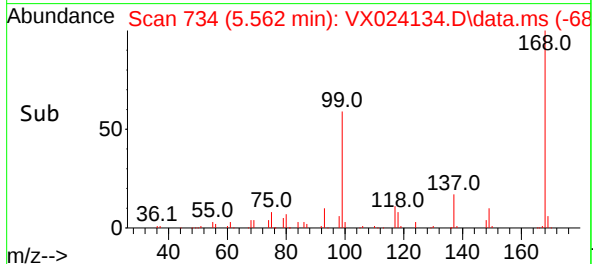
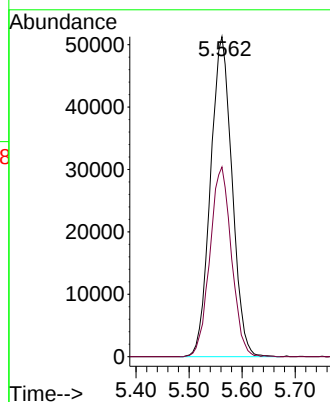
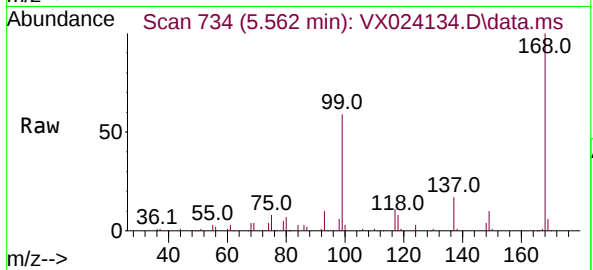
CON-GROWSRE

Tgt Ion:168 Resp: 144738

Ion Ratio Lower Upper

168 100

99 59.3 45.8 68.6



#5

Bromomethane

Concen: 0.444 ug/l

RT: 1.611 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX024134.D

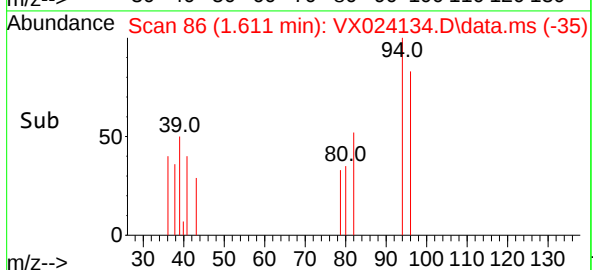
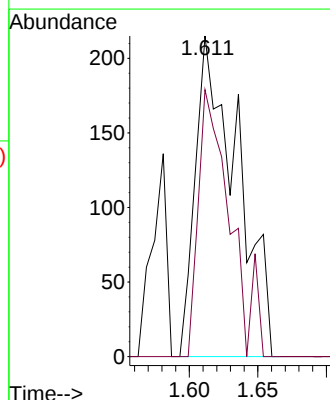
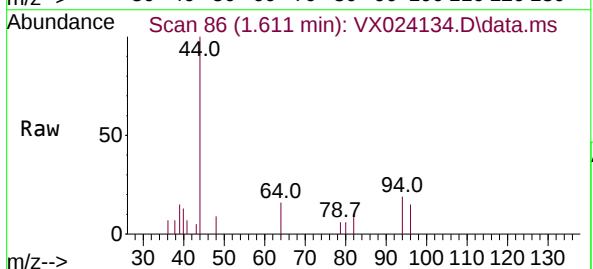
Acq: 08 Sep 2021 13:54

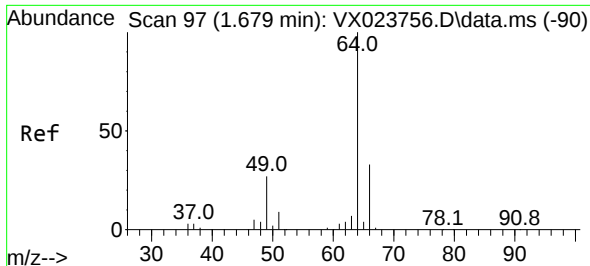
Tgt Ion: 94 Resp: 456

Ion Ratio Lower Upper

94 100

96 83.3 76.4 114.6

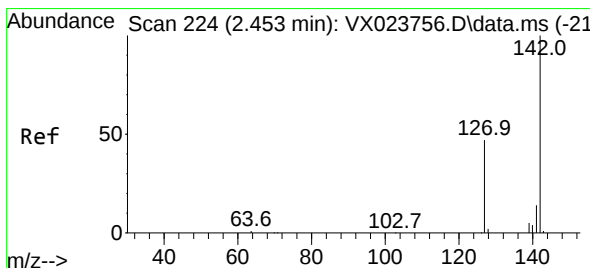
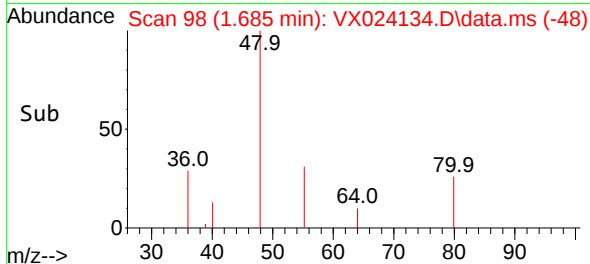
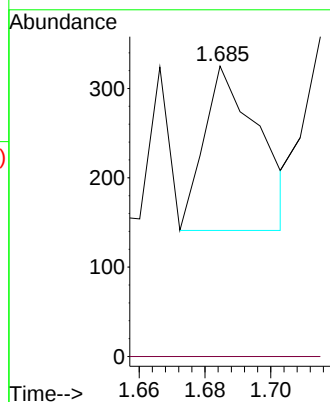
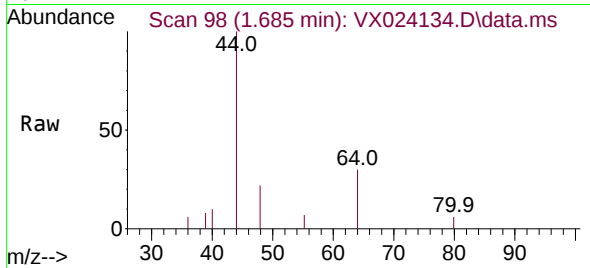




#6
Chloroethane
Concen: 2.367 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

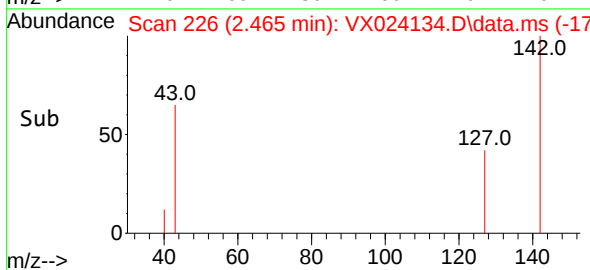
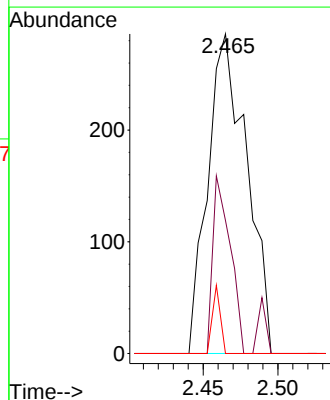
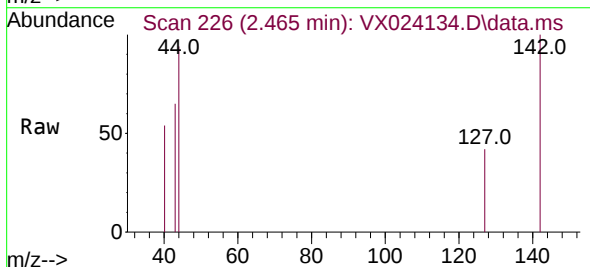
Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

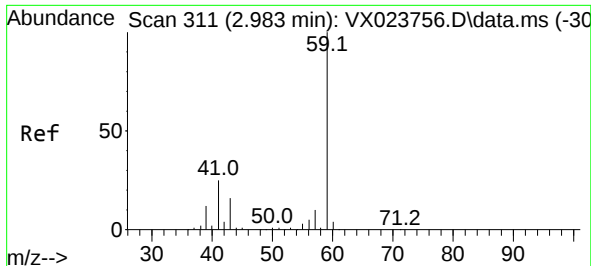
Tgt Ion: 64 Resp: 214
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.256 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Tgt Ion: 142 Resp: 518
Ion Ratio Lower Upper
142 100
127 25.1 33.3 49.9#
141 4.2 11.4 17.0#



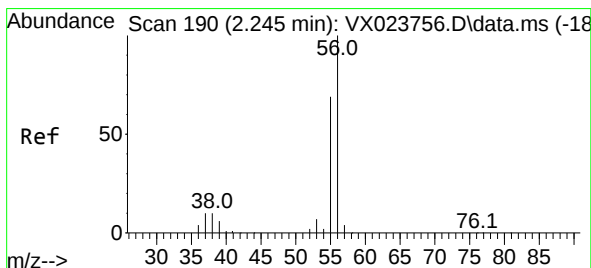
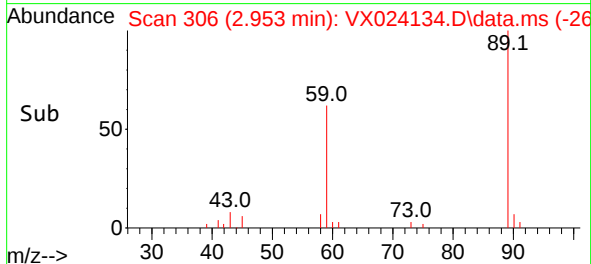
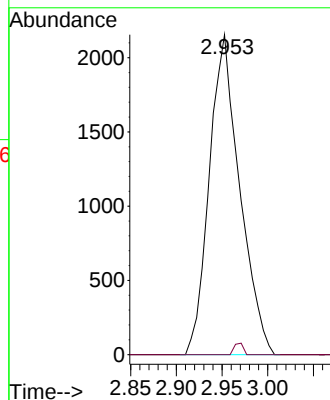
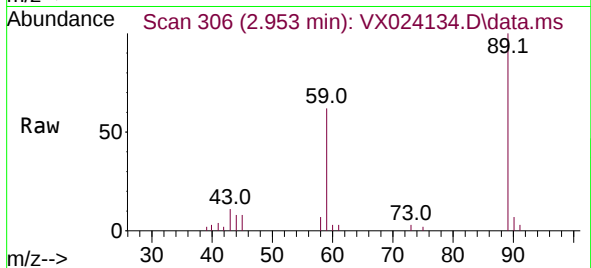


#11

Tert butyl alcohol
Concen: 12.207 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

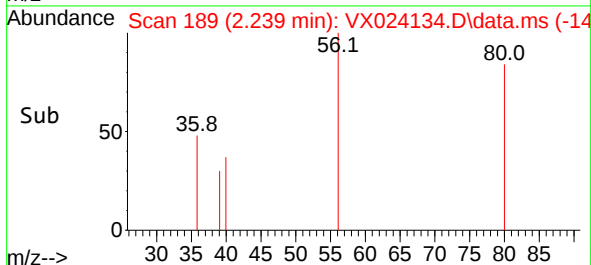
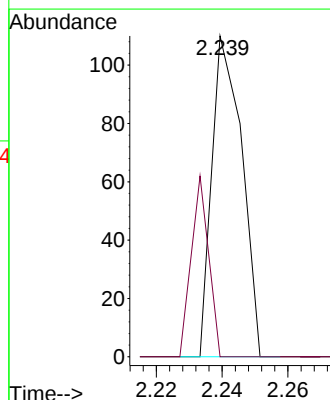
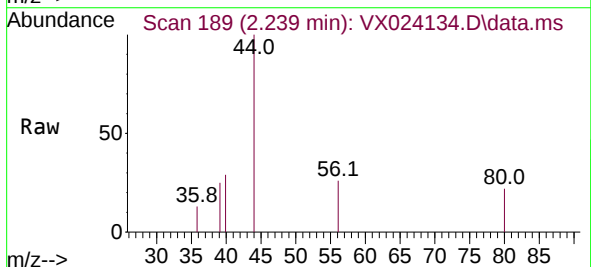
Tgt Ion: 59 Resp: 4987
Ion Ratio Lower Upper
59 100
57 1.1 7.8 11.8#

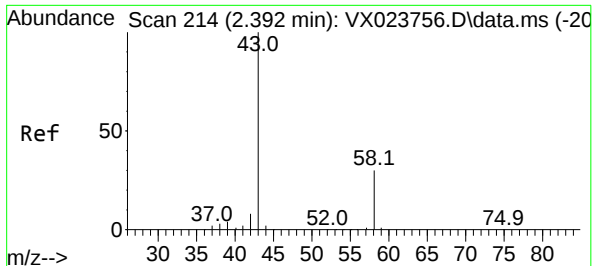


#13

Acrolein
Concen: 0.288 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 32.9 56.4 84.6#

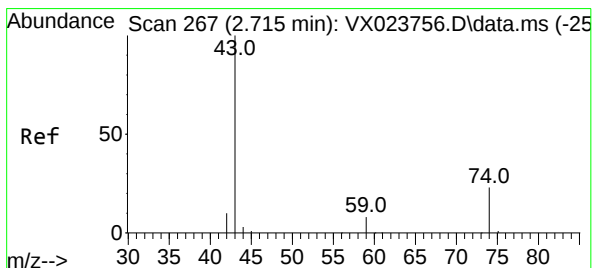
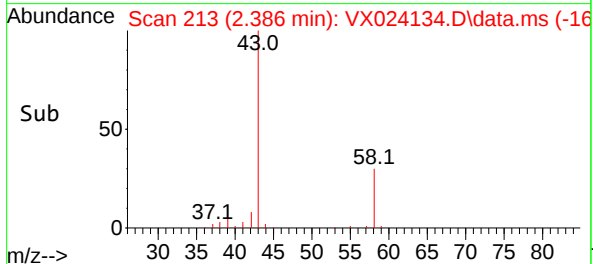
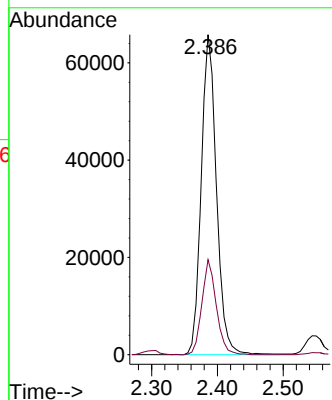
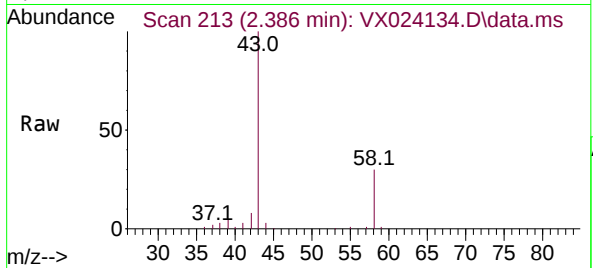




#16
Acetone
Concen: 117.235 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

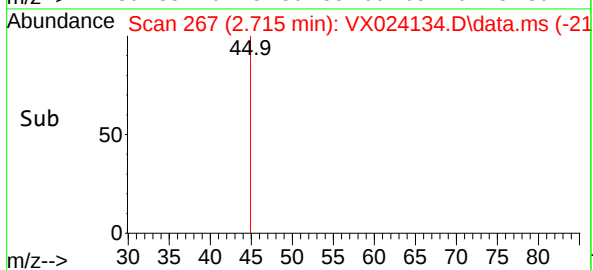
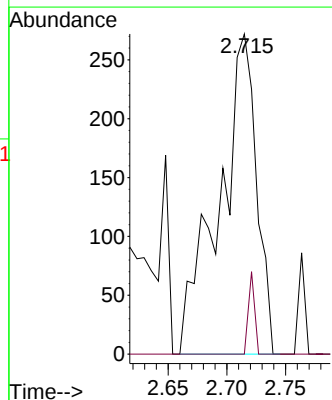
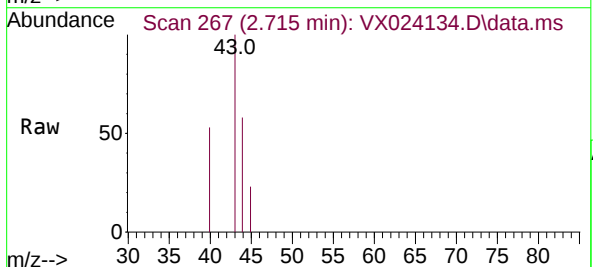
Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

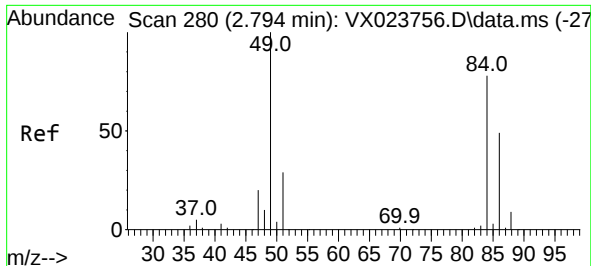
Tgt Ion: 43 Resp: 105891
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8



#18
Methyl Acetate
Concen: 0.268 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

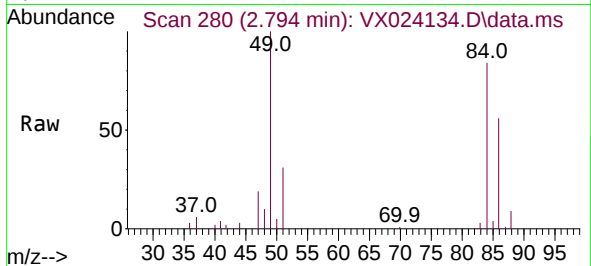
Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
74 4.3 21.9 32.9#



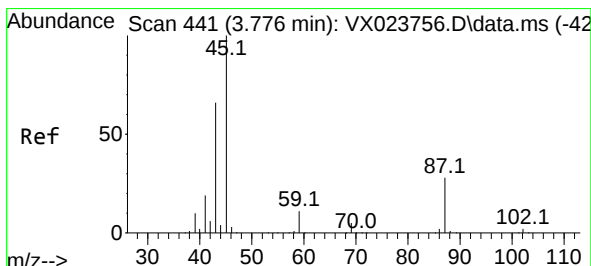
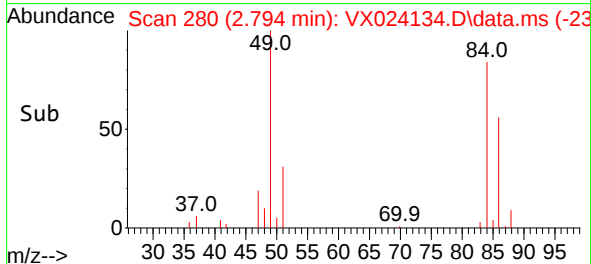
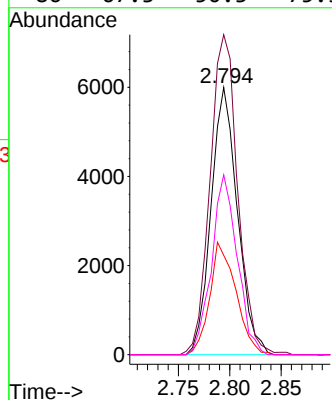


#20
Methylene Chloride
Concen: 6.220 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

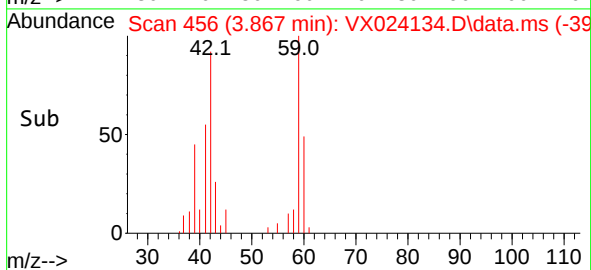
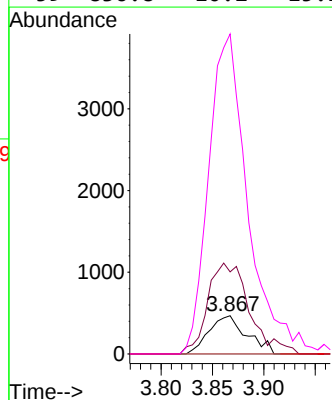
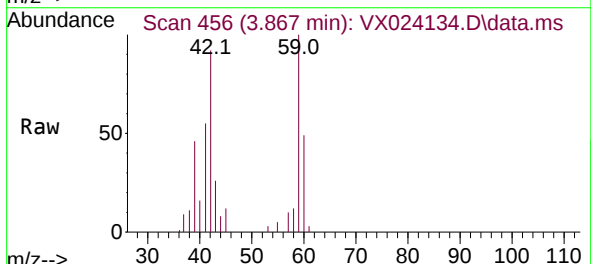


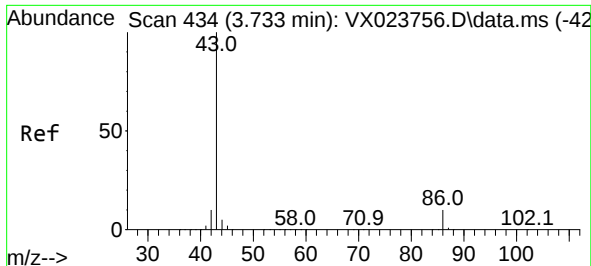
Tgt Ion:	84	Resp:	10732
Ion	Ratio	Lower	Upper
84	100		
49	119.7	88.6	132.8
51	37.2	27.0	40.6
86	67.3	50.3	75.5



#22
Diisopropyl ether
Concen: 0.235 ug/l
RT: 3.867 min Scan# 456
Delta R.T. 0.091 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Tgt Ion:	45	Resp:	1200
Ion	Ratio	Lower	Upper
45	100		
43	214.7	58.0	87.0#
87	0.0	25.4	38.0#
59	836.8	10.2	15.2#

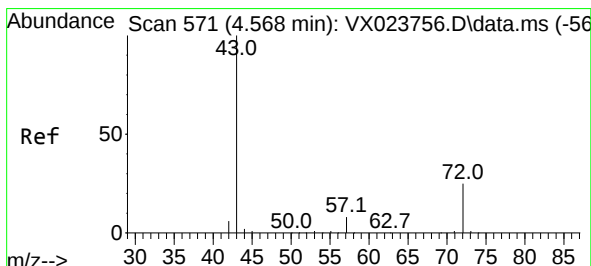
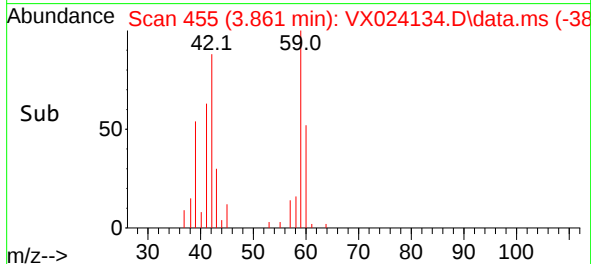
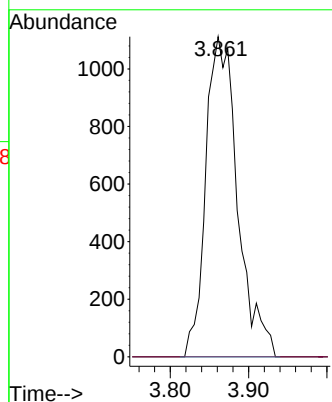
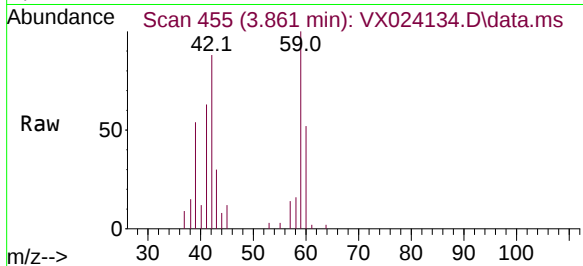




#23
 Vinyl Acetate
 Concen: 0.762 ug/l
 RT: 3.861 min Scan# 455
 Delta R.T. 0.128 min
 Lab File: VX024134.D
 Acq: 08 Sep 2021 13:54

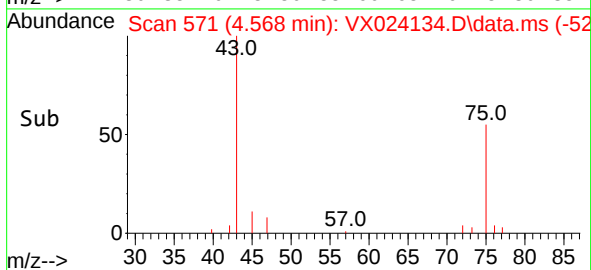
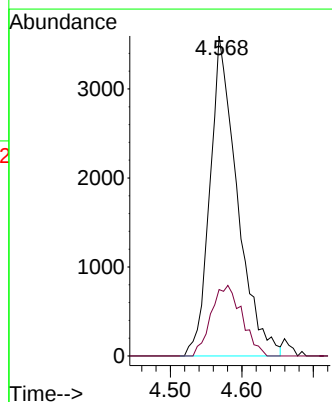
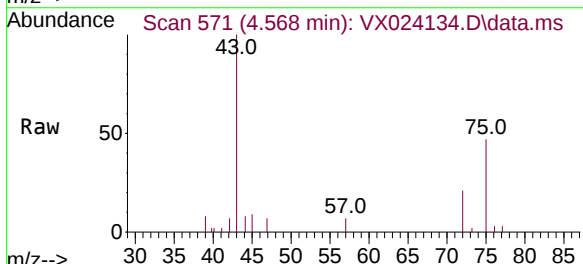
Instrument :
 MSVOA_X
 ClientSampleId :
 CON-GROWSRE

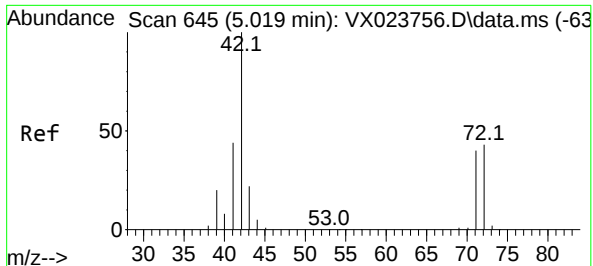
Tgt Ion: 43 Resp: 3141
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 6.956 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VX024134.D
 Acq: 08 Sep 2021 13:54

Tgt Ion: 43 Resp: 9517
 Ion Ratio Lower Upper
 43 100
 72 20.7 23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.614 ug/l

RT: 5.019 min Scan# 645

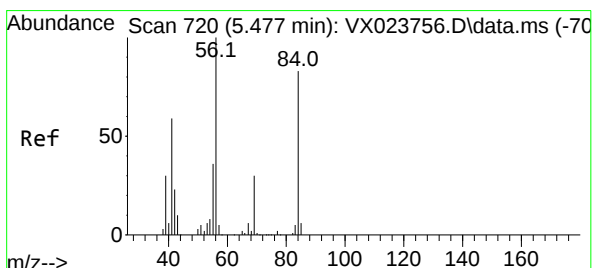
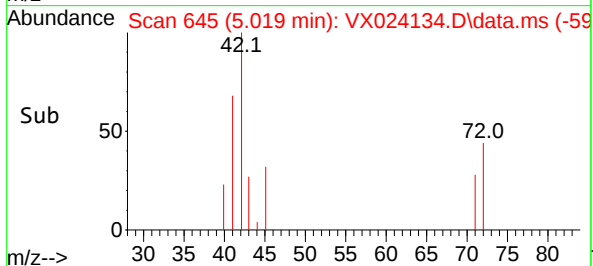
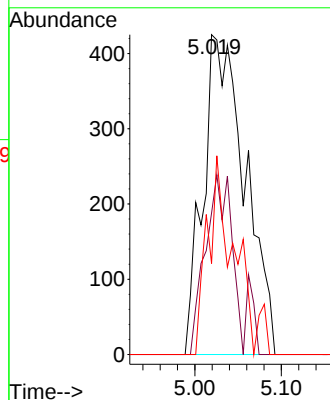
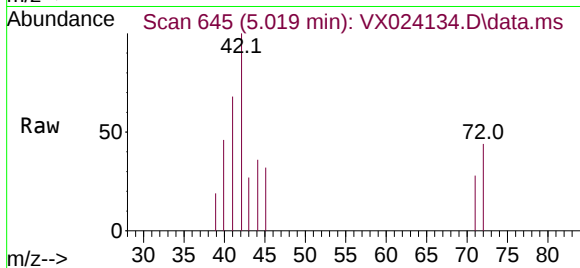
Delta R.T. 0.000 min

Lab File: VX024134.D

Acq: 08 Sep 2021 13:54

Tgt Ion:	42	Resp:	1430
Ion	Ratio	Lower	Upper
42	100		
72	35.3	41.7	62.5#
71	37.6	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE



#31

Cyclohexane

Concen: 1.253 ug/l

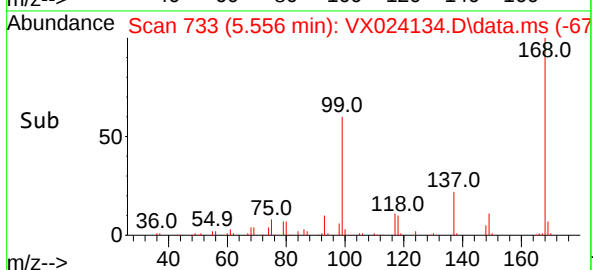
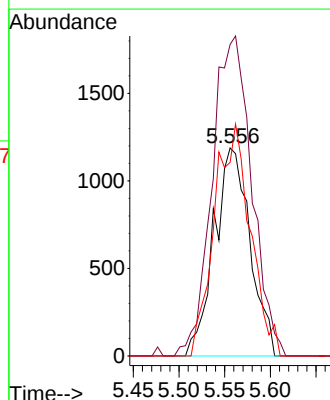
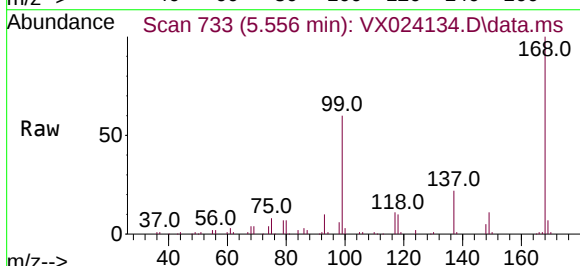
RT: 5.556 min Scan# 733

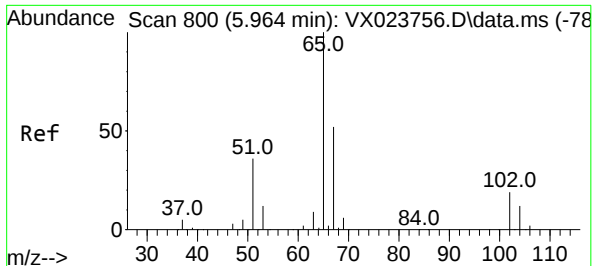
Delta R.T. 0.079 min

Lab File: VX024134.D

Acq: 08 Sep 2021 13:54

Tgt Ion:	56	Resp:	3252
Ion	Ratio	Lower	Upper
56	100		
69	145.5	25.3	37.9#
84	93.1	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 55.631 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024134.D

Acq: 08 Sep 2021 13:54

Tgt Ion: 65 Resp: 112380

Ion Ratio Lower Upper

65 100

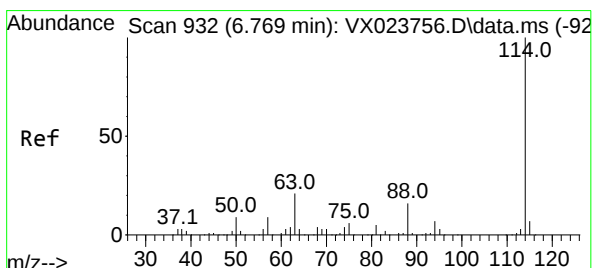
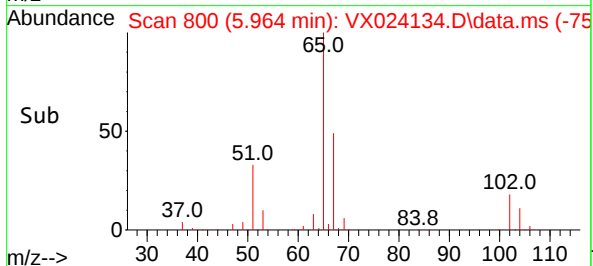
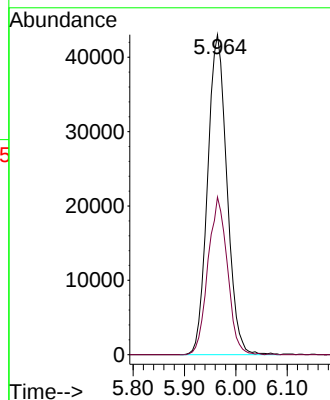
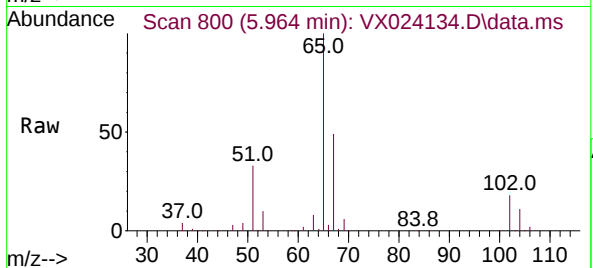
67 49.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

CON-GROWSRE



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024134.D

Acq: 08 Sep 2021 13:54

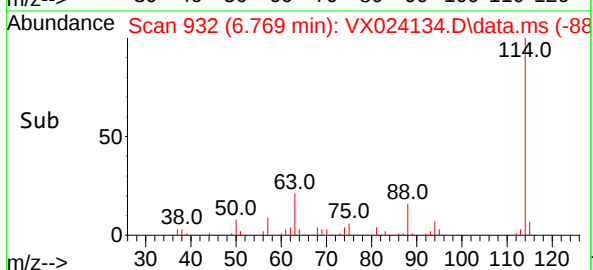
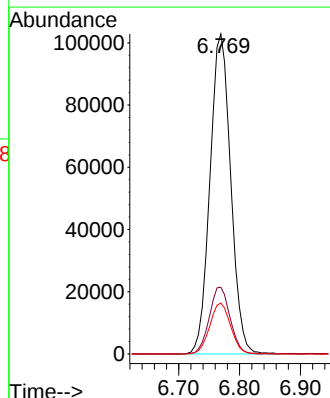
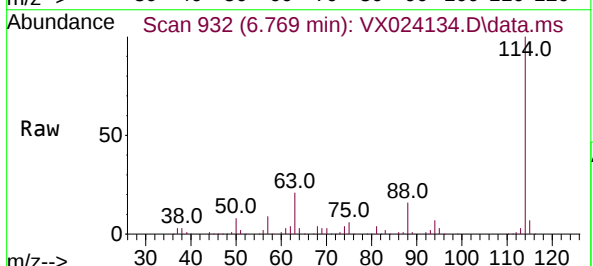
Tgt Ion:114 Resp: 243472

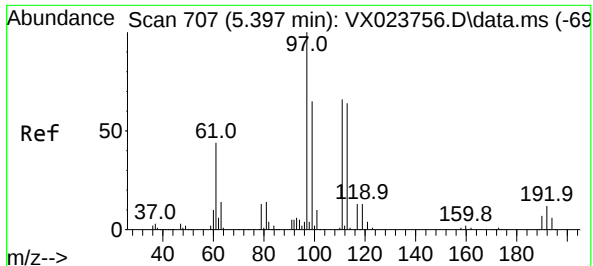
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.9 0.0 32.8

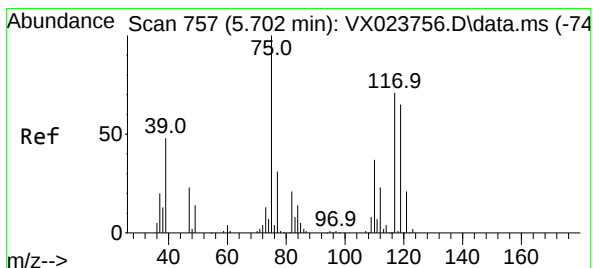
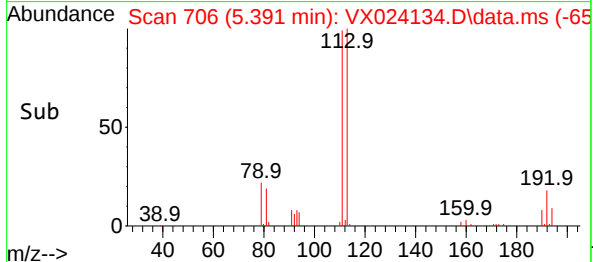
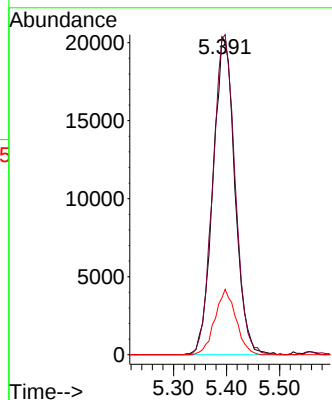
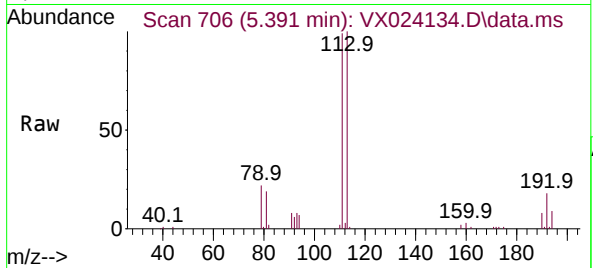




#35
Dibromofluoromethane
Concen: 36.228 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

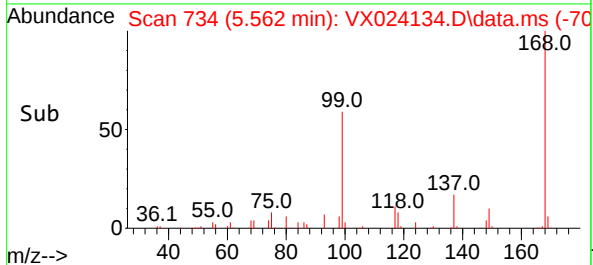
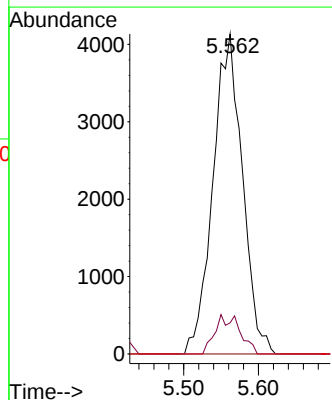
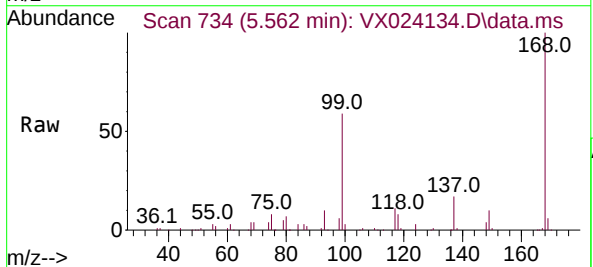
Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

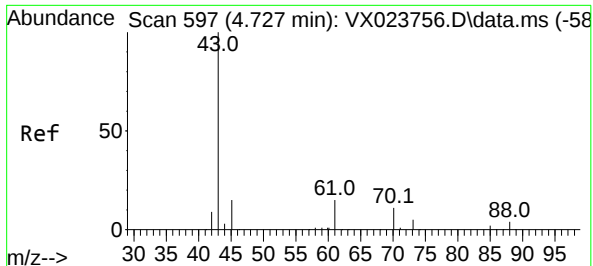
Tgt Ion:113 Resp: 58381
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.018 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Tgt Ion: 75 Resp: 11315
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.434 ug/l

RT: 4.568 min Scan# 571

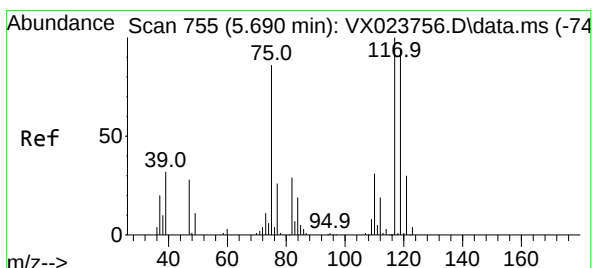
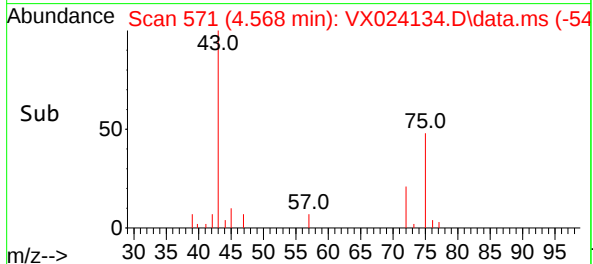
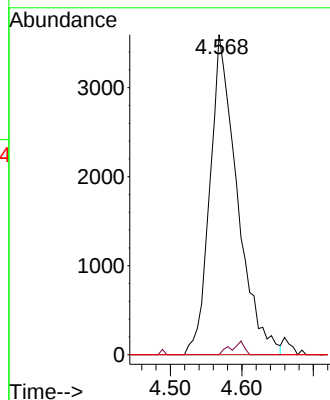
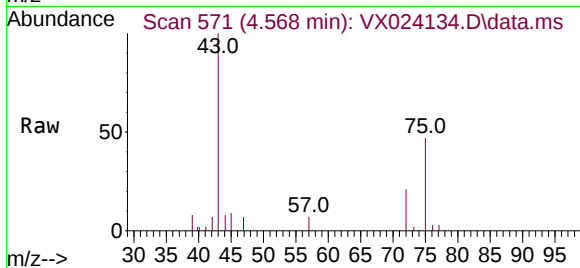
Delta R.T. -0.159 min

Lab File: VX024134.D

Acq: 08 Sep 2021 13:54

Tgt Ion:	43	Resp:	9517
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE



#38

Carbon Tetrachloride

Concen: 6.527 ug/l

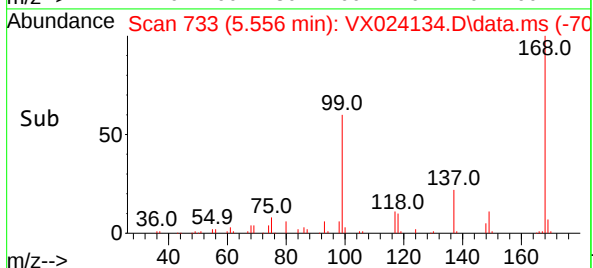
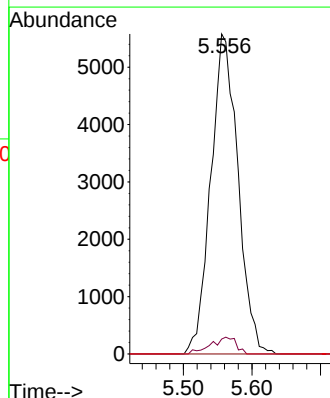
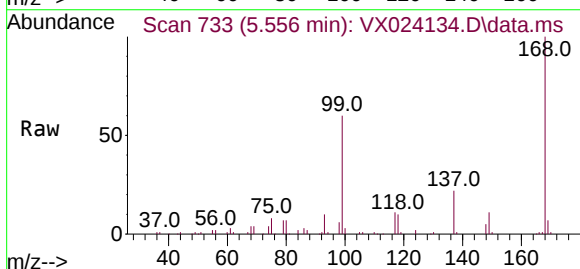
RT: 5.556 min Scan# 733

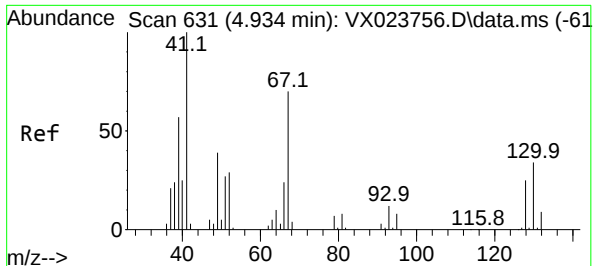
Delta R.T. -0.134 min

Lab File: VX024134.D

Acq: 08 Sep 2021 13:54

Tgt Ion:	117	Resp:	15345
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#

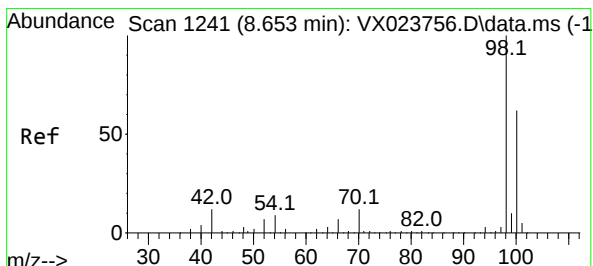
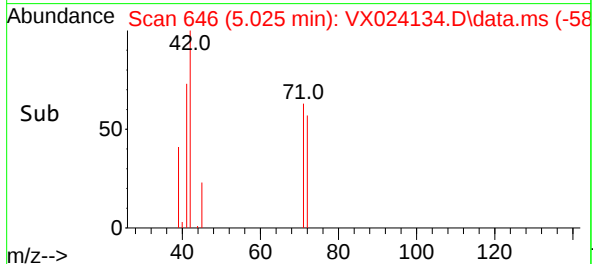
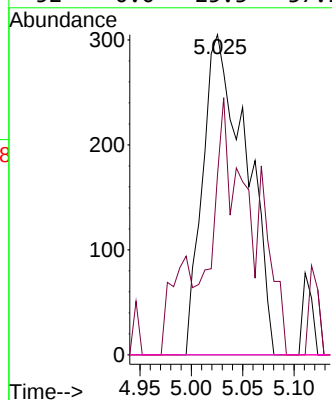
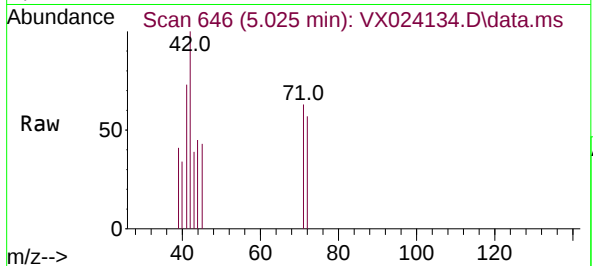




#41
Methacrylonitrile
Concen: 0.598 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.091 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

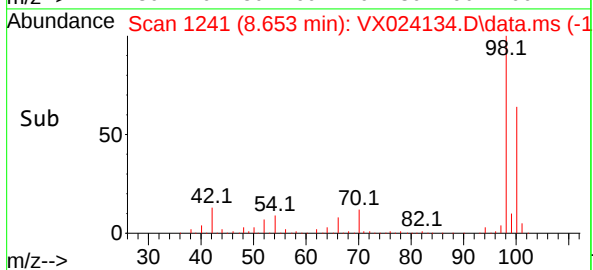
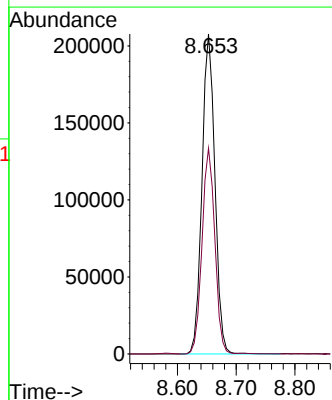
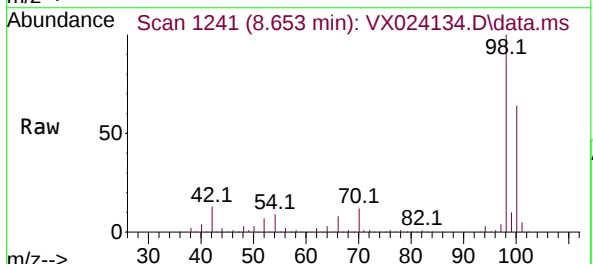
Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

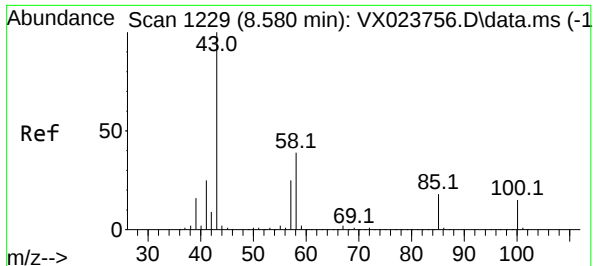
Tgt Ion: 41	Resp: 899
Ion Ratio	Lower Upper
41 100	
39 30.8	42.5 63.7#
67 0.0	65.0 97.6#
52 0.0	25.3 37.9#



#50
Toluene-d8
Concen: 51.739 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Tgt Ion: 98	Resp: 317334
Ion Ratio	Lower Upper
98 100	
100 63.7	51.9 77.9

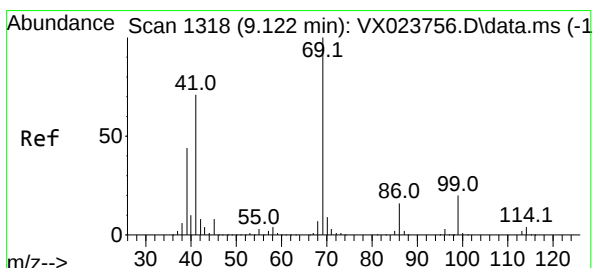
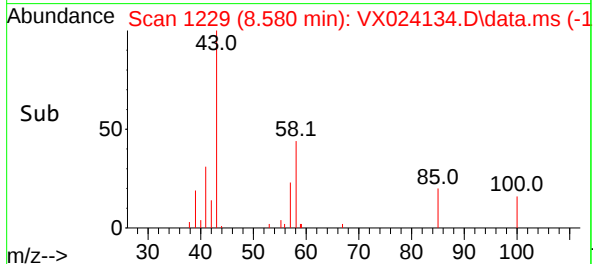
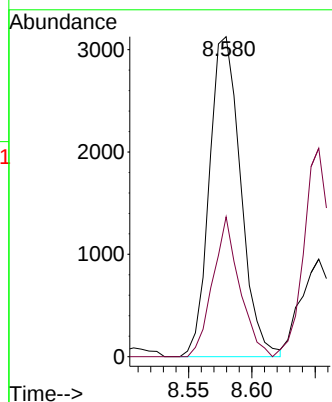
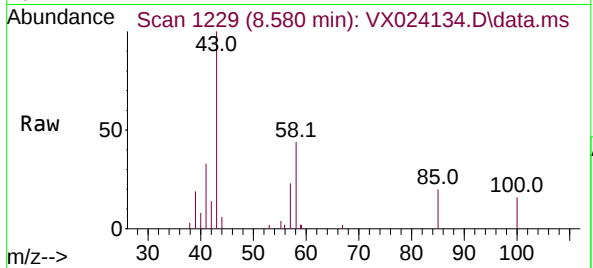




#51
4-Methyl-2-Pentanone
Concen: 1.924 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

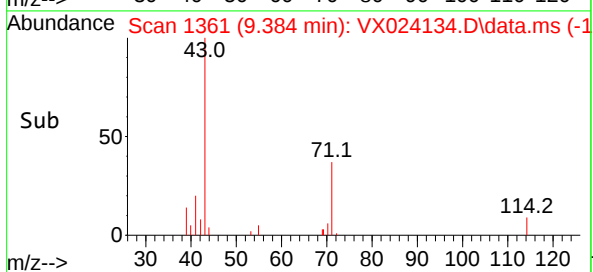
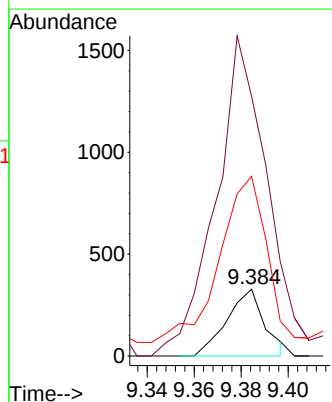
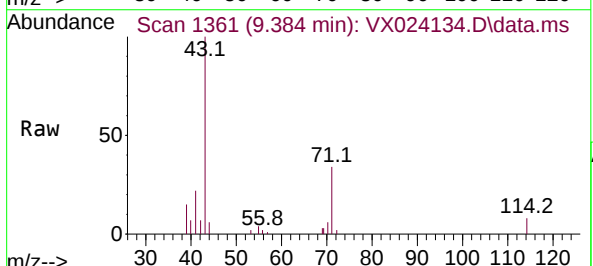
Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

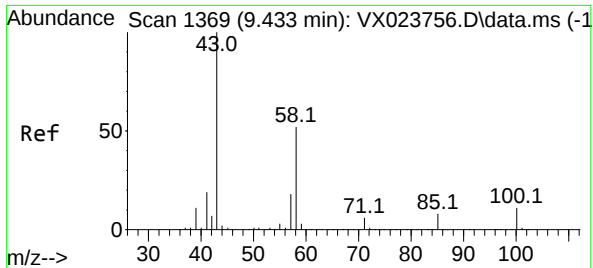
Tgt Ion: 43 Resp: 5391
Ion Ratio Lower Upper
43 100
58 37.4 35.4 53.0



#56
Ethyl methacrylate
Concen: 0.878 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. 0.262 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Tgt Ion: 69 Resp: 365
Ion Ratio Lower Upper
69 100
41 625.2 46.8 70.2#
39 307.9 24.7 37.1#

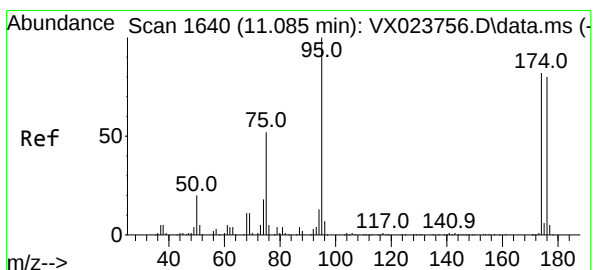
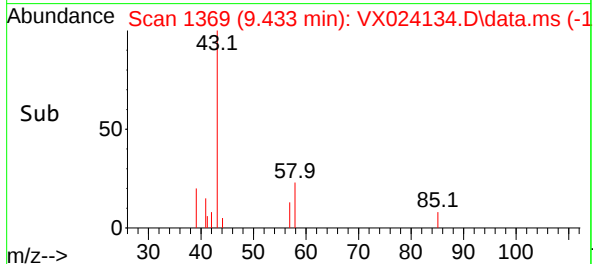
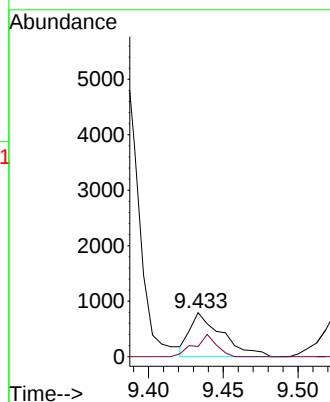
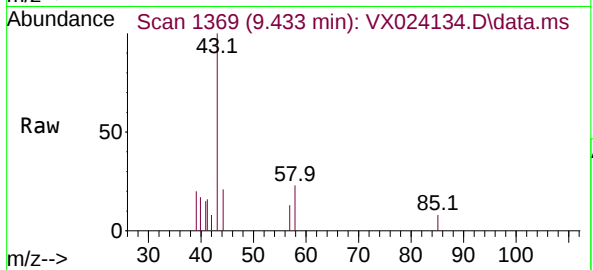




#59
2-Hexanone
Concen: 0.551 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

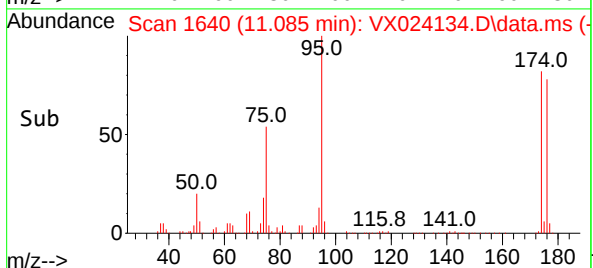
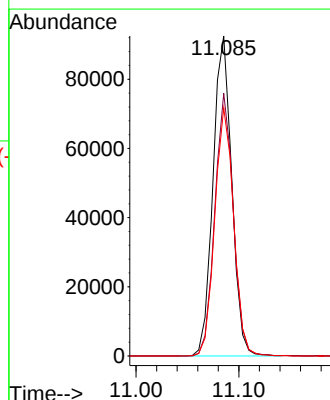
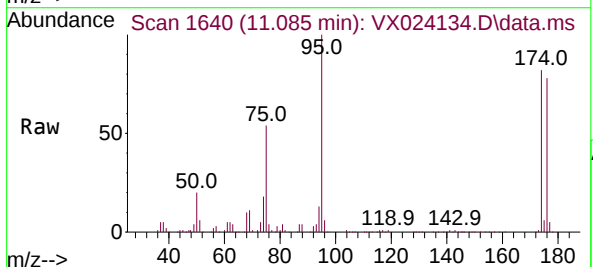
Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

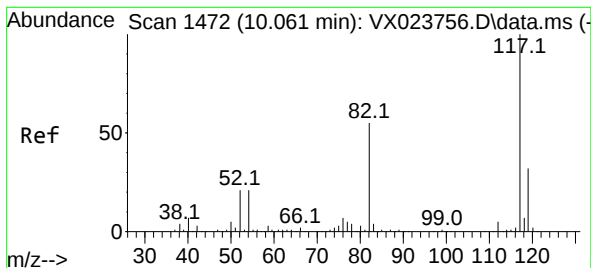
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 34.4 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Tgt Ion: 95 Resp: 117255
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 78.2 0.0 155.8

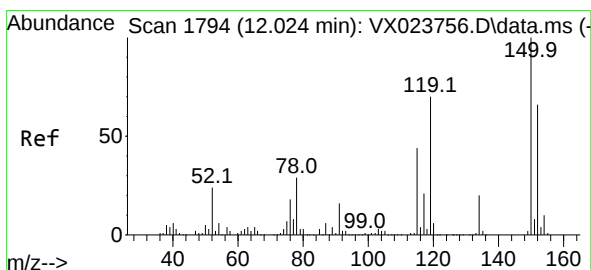
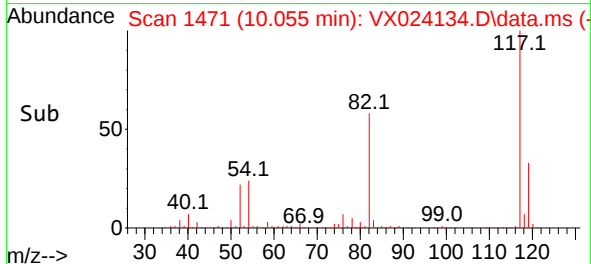
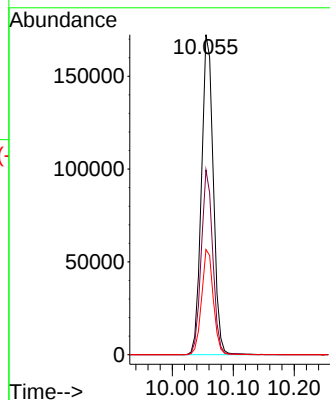
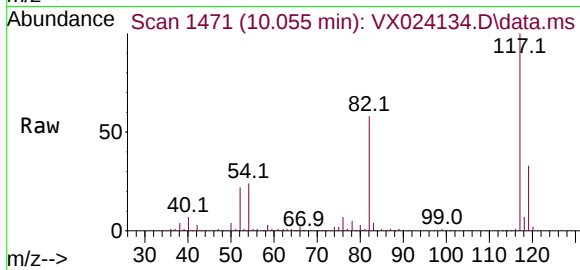




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

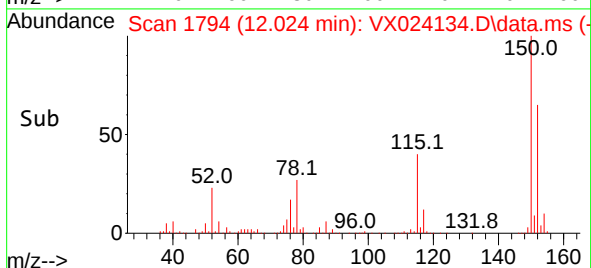
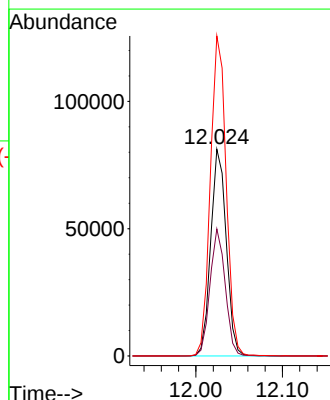
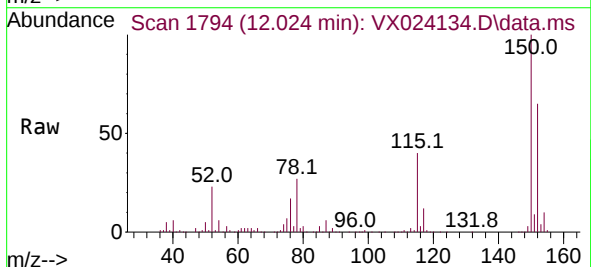
Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

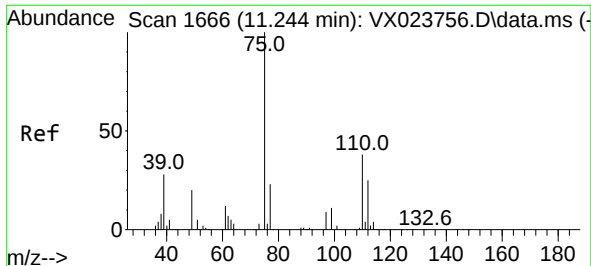
Tgt Ion:117 Resp: 232865
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Tgt Ion:152 Resp: 101276
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.1 0.0 349.0

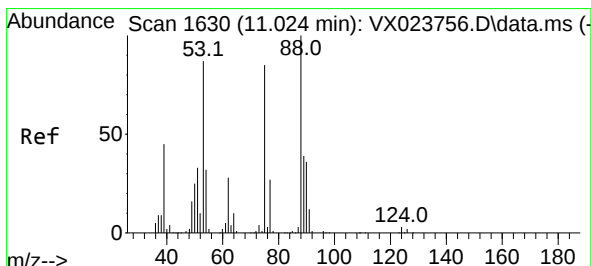
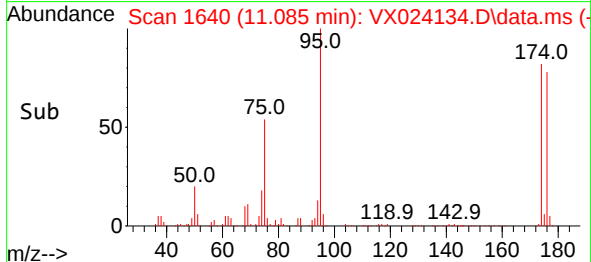
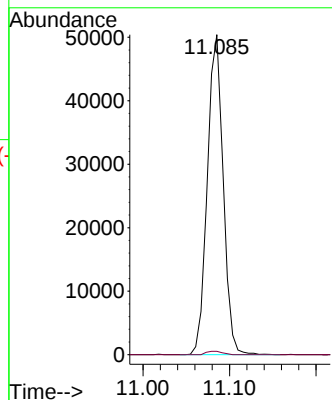
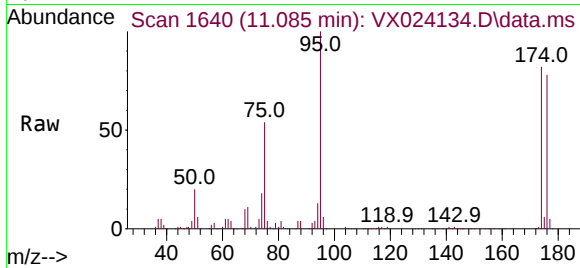




#76
1,2,3-Trichloropropane
Concen: 27.133 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

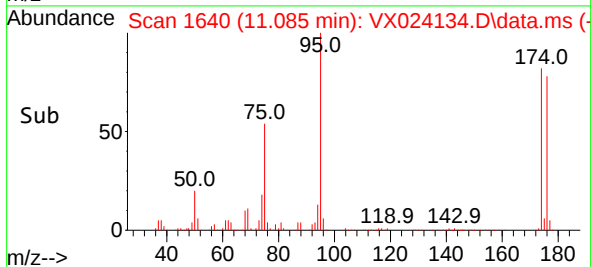
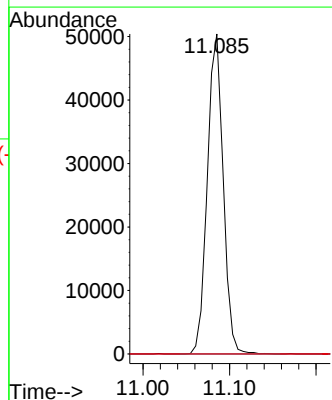
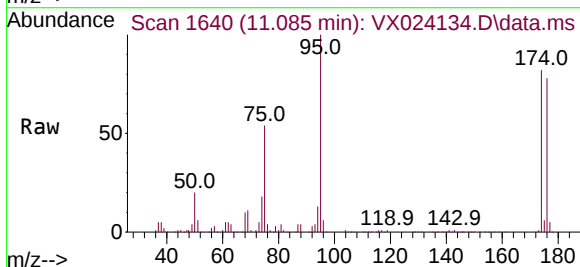
Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE

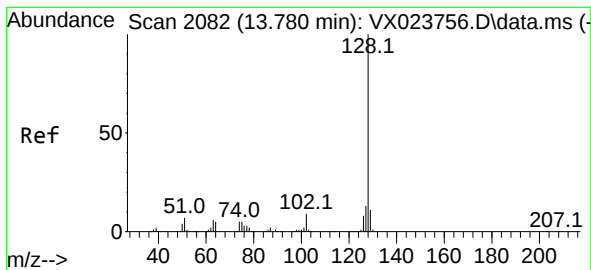
Tgt Ion: 75 Resp: 64101
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.812 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

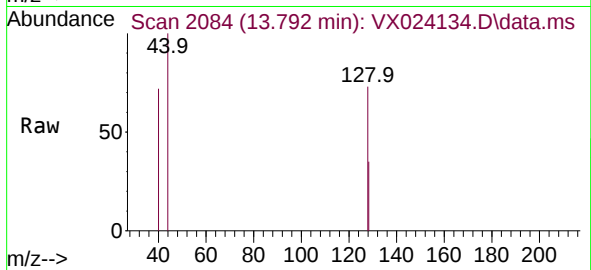
Tgt Ion: 75 Resp: 64101
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.318 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX024134.D
Acq: 08 Sep 2021 13:54

Instrument :
MSVOA_X
ClientSampleId :
CON-GROWSRE



Tgt Ion:	128	Resp:	270
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

