

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043593.D
 Acq On : 06 May 2021 19:03
 Operator : SY/MD
 Sample : M2298-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CAL-AQIDW-20210504

Quant Time: May 07 02:07:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

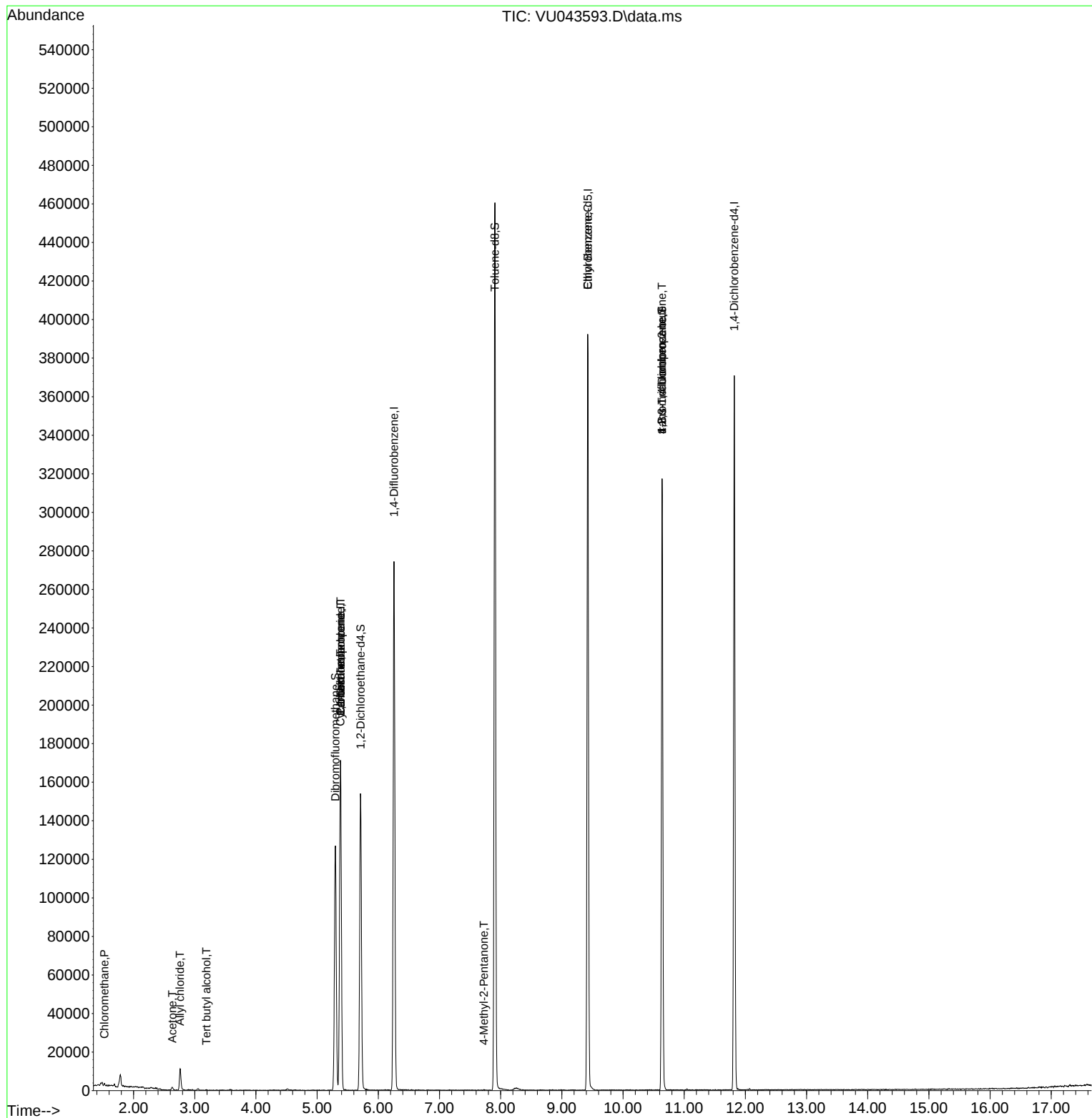
Internal Standards						
1) Pentafluorobenzene	5.382	168	110647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	195329	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	191922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	84996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	117110	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	5.298	113	78461	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
50) Toluene-d8	7.906	98	276377	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	10.639	95	94125	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	658	0.64	ug/l #	87
11) Tert butyl alcohol	3.192	59	176	0.29	ug/l #	73
14) Allyl chloride	2.758	41	1278	0.40	ug/l #	70
16) Acetone	2.633	43	1936	1.56	ug/l	97
31) Cyclohexane	5.378	56	3023	1.13	ug/l #	8
36) 1,1-Dichloropropene	5.382	75	10398	4.69	ug/l #	50
38) Carbon Tetrachloride	5.382	117	11711	5.21	ug/l #	17
51) 4-Methyl-2-Pentanone	7.726	43	171	19.22	ug/l #	41
67) Ethyl Benzene	9.423	91	396	1.50	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	54247	20.07	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	54247	65.37	ug/l #	3

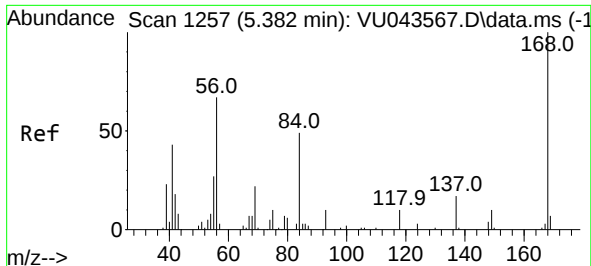
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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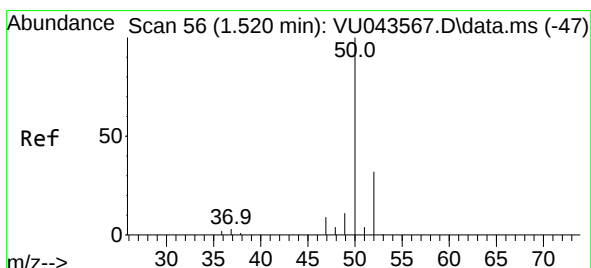
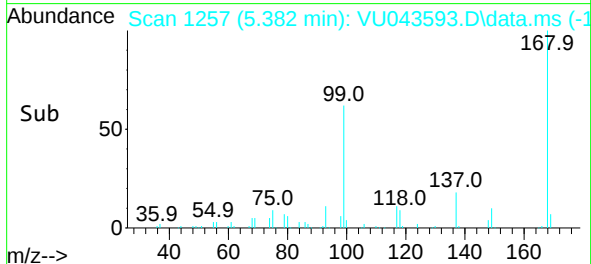
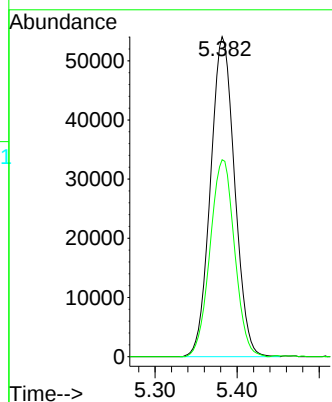
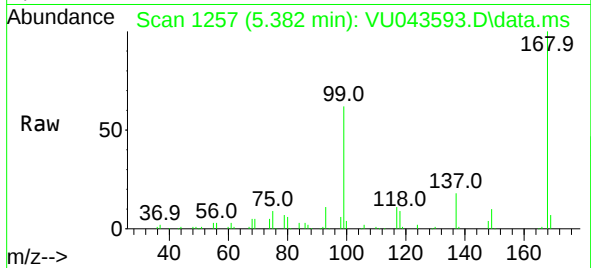




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

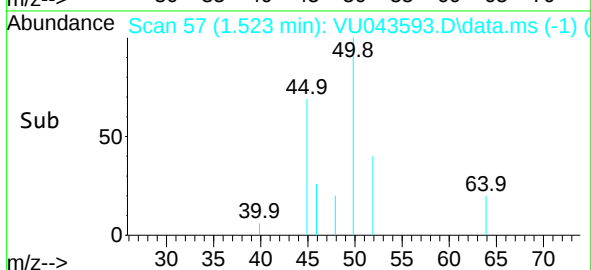
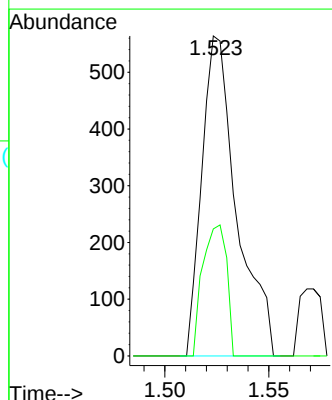
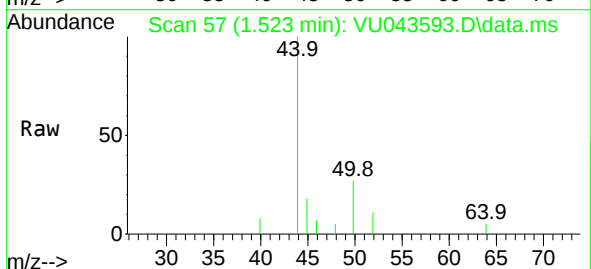
Instrument :
MSVOA_U
ClientSampleId :
CAL-AQIDW-20210504

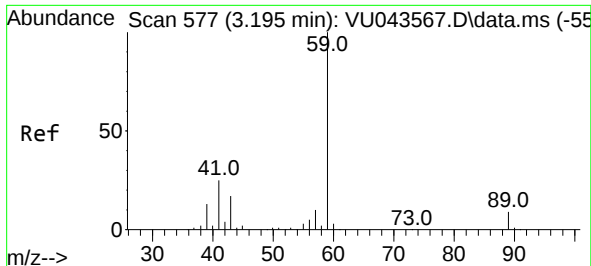
Tgt Ion:168 Resp: 110647
Ion Ratio Lower Upper
168 100
99 61.5 49.0 73.6



#3
Chloromethane
Concen: 0.64 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 39.7 25.9 38.9#

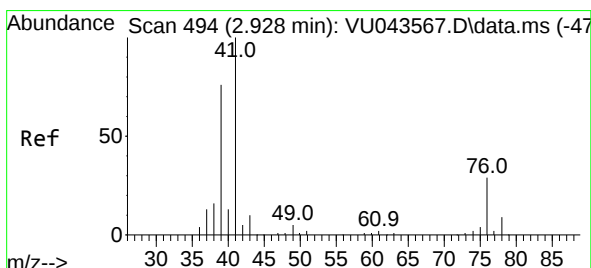
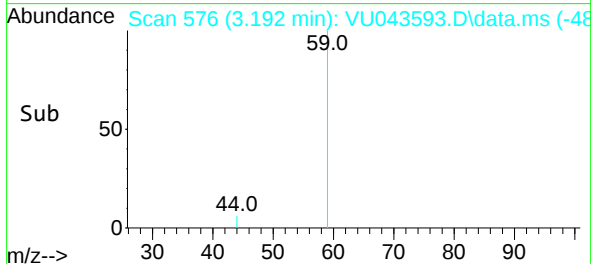
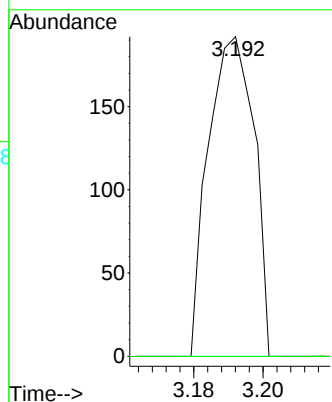
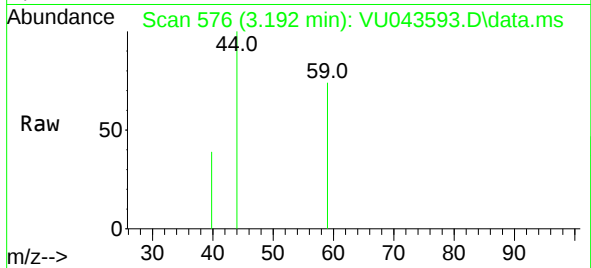




#11
Tert butyl alcohol
Concen: 0.29 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

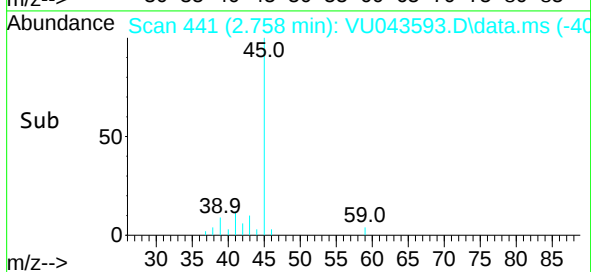
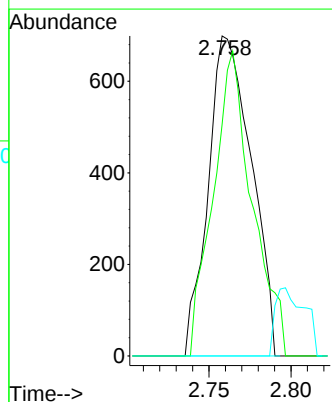
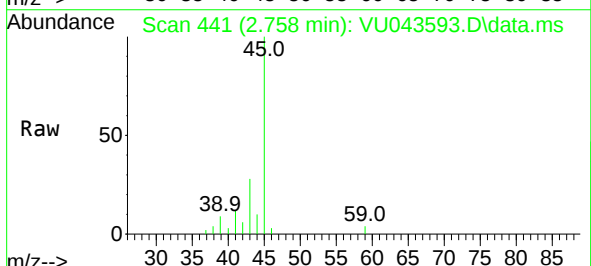
Instrument :
MSVOA_U
ClientSampleId :
CAL-AQIDW-20210504

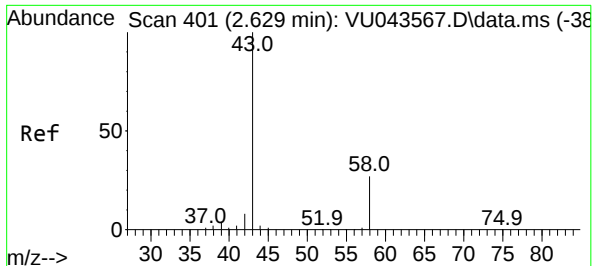
Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#14
Allyl chloride
Concen: 0.40 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

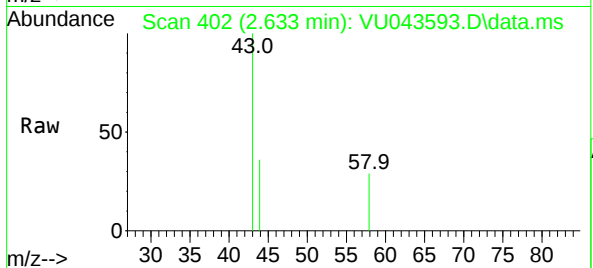
Tgt Ion: 41 Resp: 1278
Ion Ratio Lower Upper
41 100
39 86.2 54.5 81.7#
76 0.0 19.9 29.9#



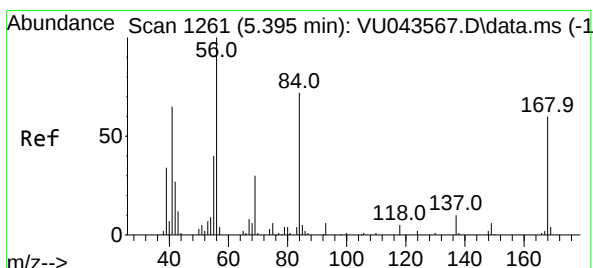
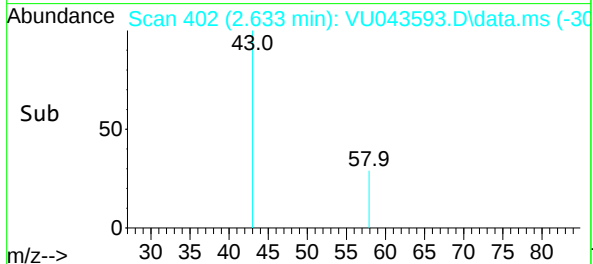
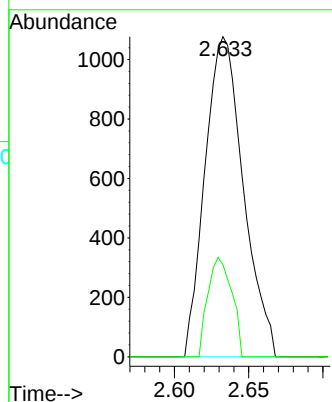


#16
Acetone
Concen: 1.56 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

Instrument :
MSVOA_U
ClientSampleId :
CAL-AQIDW-20210504

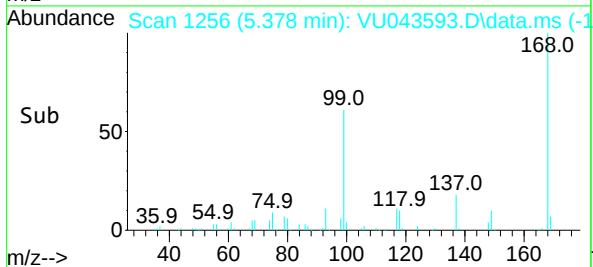
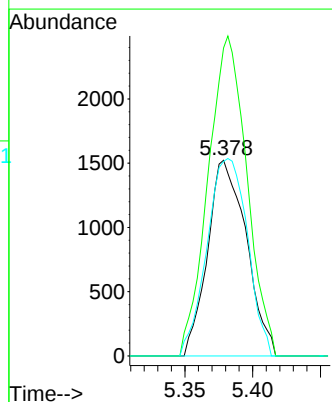
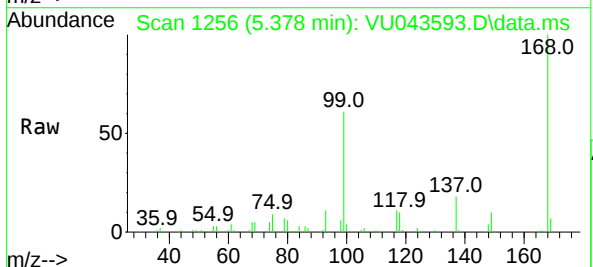


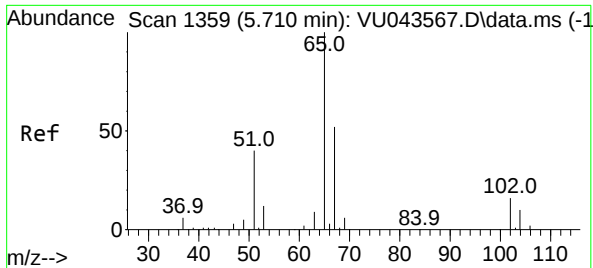
Tgt Ion: 43 Resp: 1936
Ion Ratio Lower Upper
43 100
58 28.8 21.7 32.5



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

Tgt Ion: 56 Resp: 3023
Ion Ratio Lower Upper
56 100
69 157.5 23.9 35.9#
84 99.5 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 52.28 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043593.D

Acq: 06 May 2021 19:03

Tgt Ion: 65 Resp: 117110

Ion Ratio Lower Upper

65 100

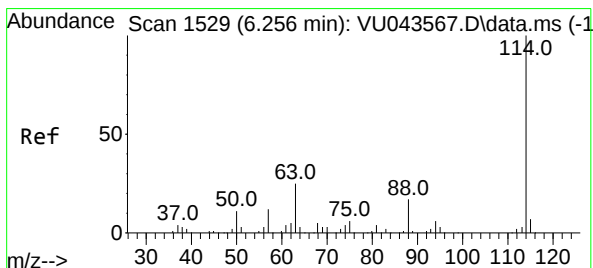
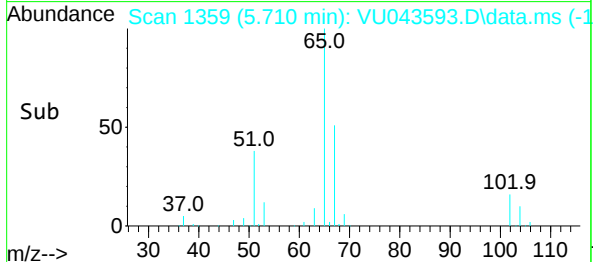
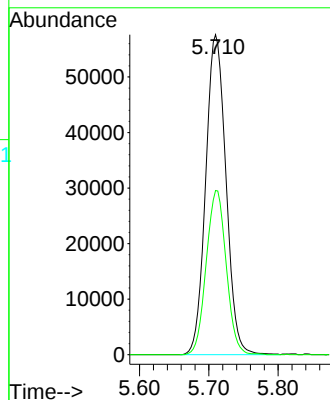
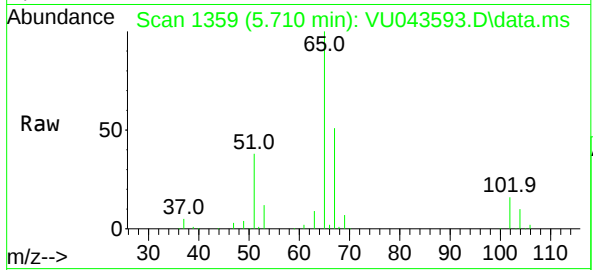
67 50.6 0.0 104.6

Instrument :

MSVOA_U

ClientSampleId :

CAL-AQIDW-20210504



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043593.D

Acq: 06 May 2021 19:03

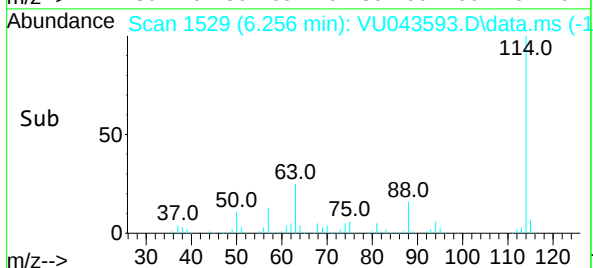
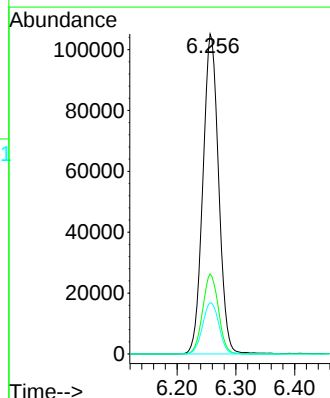
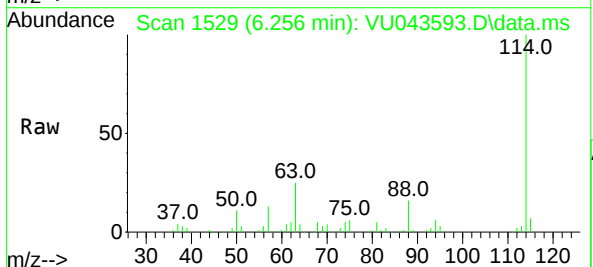
Tgt Ion: 114 Resp: 195329

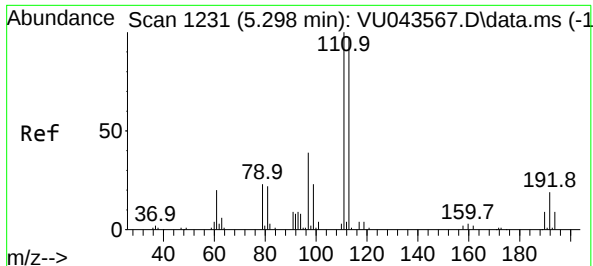
Ion Ratio Lower Upper

114 100

63 25.0 0.0 50.2

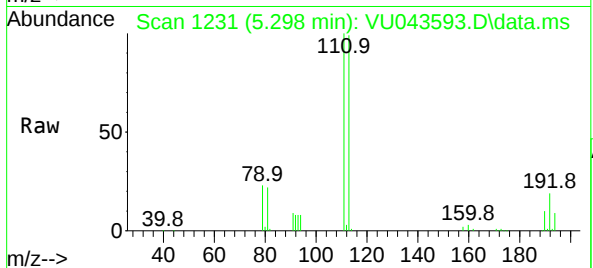
88 16.1 0.0 33.8



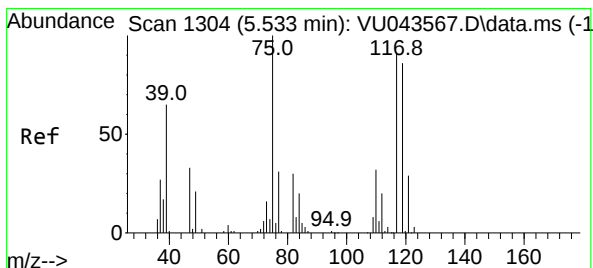
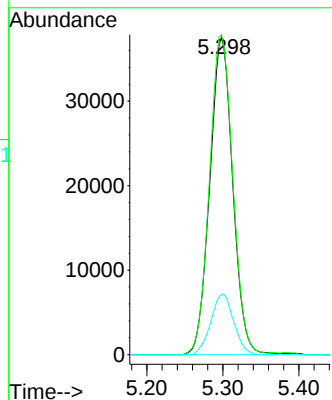
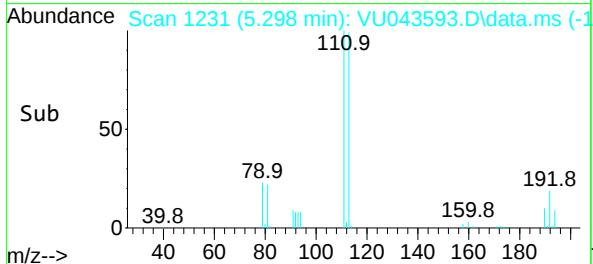


#35
Dibromofluoromethane
Concen: 50.37 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

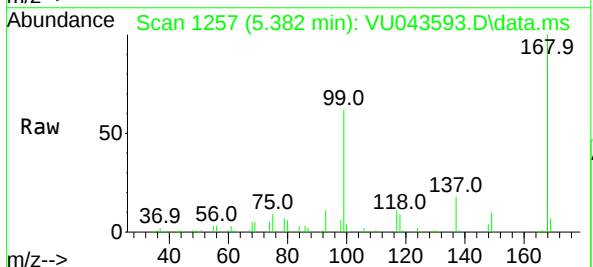
Instrument :
MSVOA_U
ClientSampleId :
CAL-AQIDW-20210504



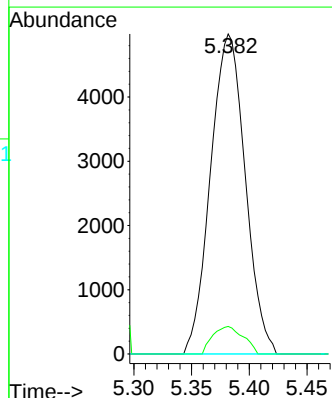
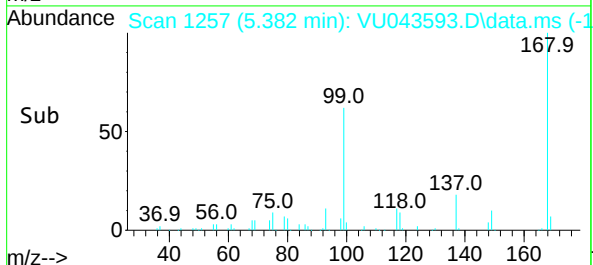
Tgt Ion:113 Resp: 78461
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 19.1 15.8 23.6

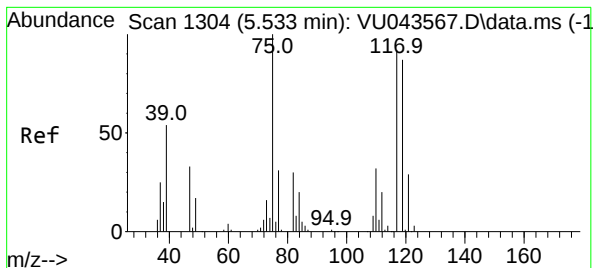


#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03



Tgt Ion: 75 Resp: 10398
Ion Ratio Lower Upper
75 100
110 7.6 16.2 48.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.21 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043593.D

Acq: 06 May 2021 19:03

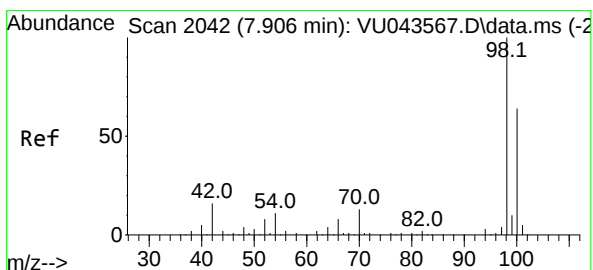
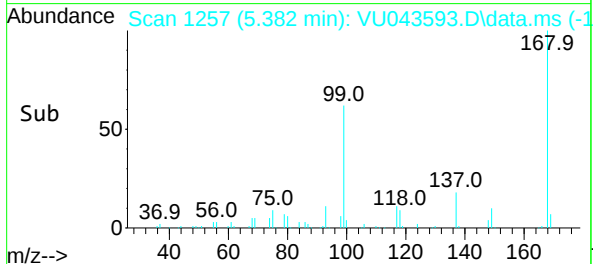
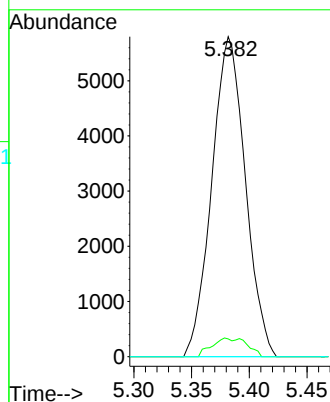
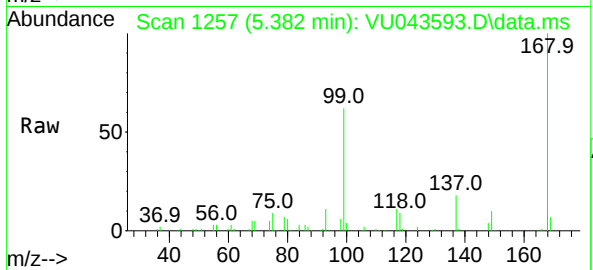
Instrument :

MSVOA_U

ClientSampleId :

CAL-AQIDW-20210504

Tgt Ion:	117	Resp:	11711
Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.4	113.0#
121	0.0	25.2	37.8#



#50

Toluene-d8

Concen: 50.04 ug/l

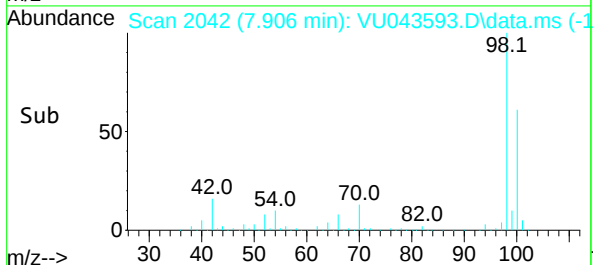
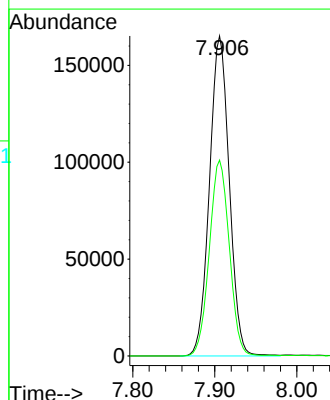
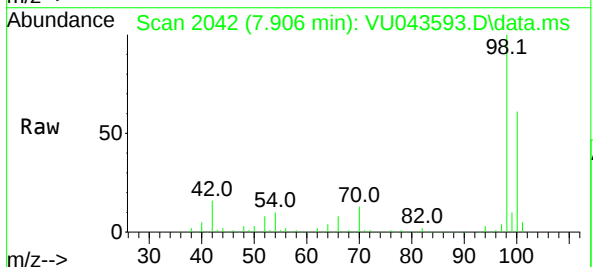
RT: 7.906 min Scan# 2042

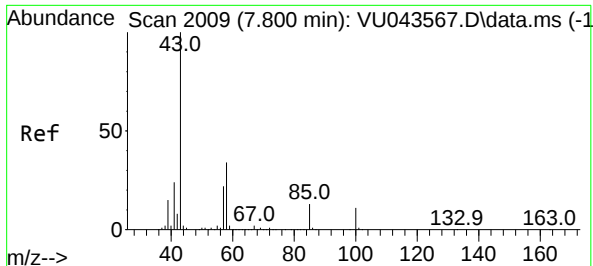
Delta R.T. 0.000 min

Lab File: VU043593.D

Acq: 06 May 2021 19:03

Tgt Ion:	98	Resp:	276377
Ion	Ratio	Lower	Upper
98	100		
100	61.8	50.5	75.7

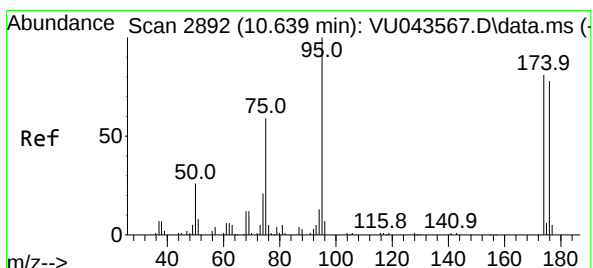
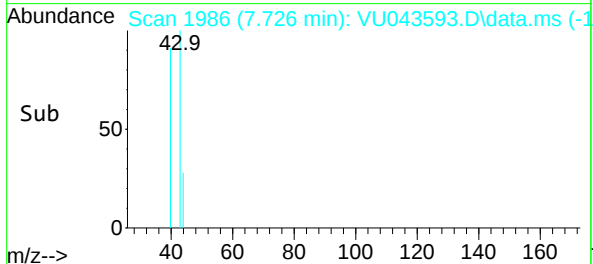
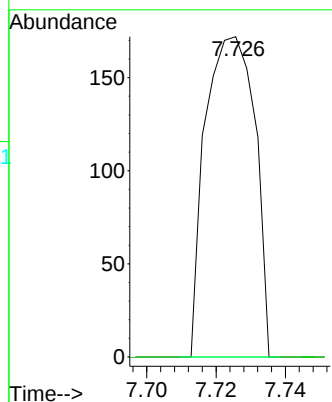
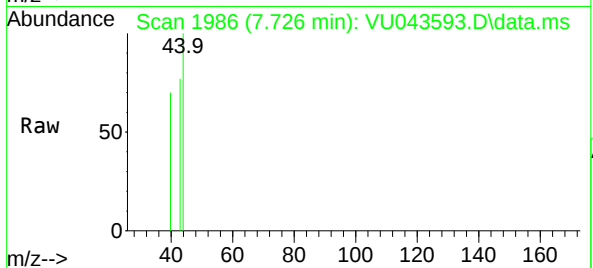




#51
4-Methyl-2-Pentanone
Concen: 19.22 ug/l
RT: 7.726 min Scan# 1986
Delta R.T. -0.074 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

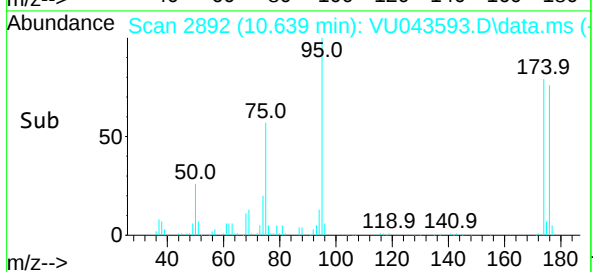
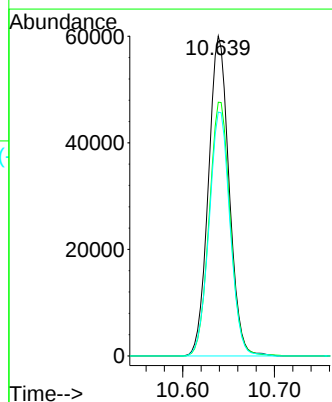
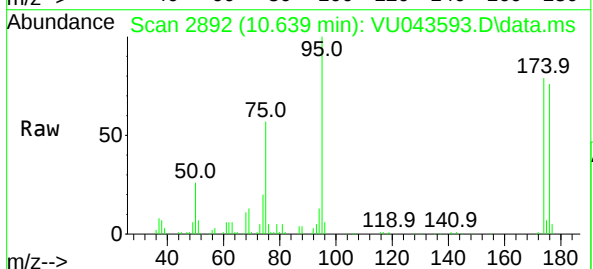
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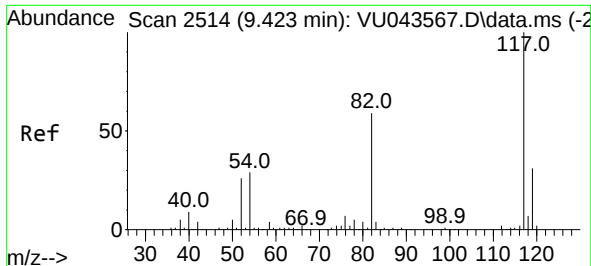
Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#



#62
4-Bromofluorobenzene
Concen: 44.79 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

Tgt Ion: 95 Resp: 94125
Ion Ratio Lower Upper
95 100
174 80.8 0.0 158.8
176 77.4 0.0 155.6

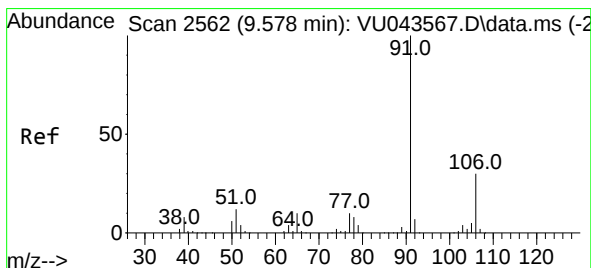
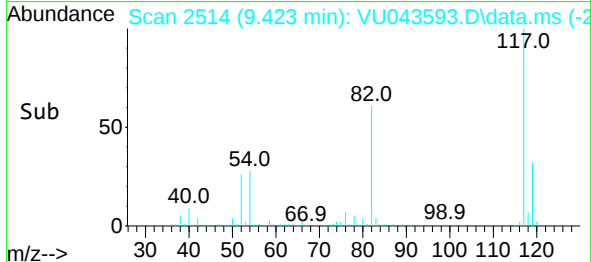
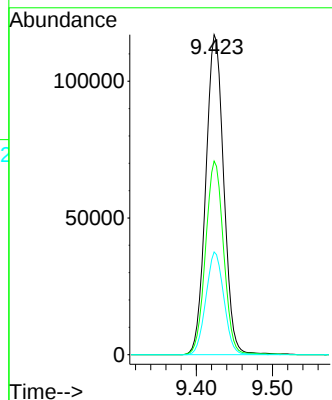
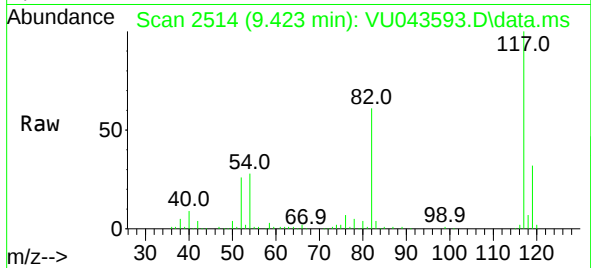




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

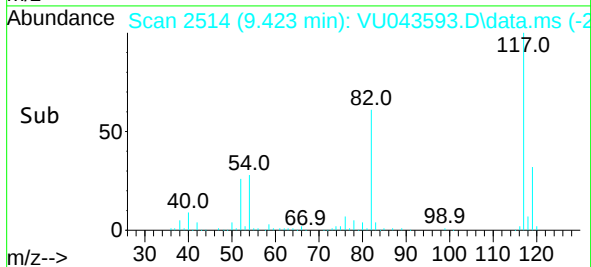
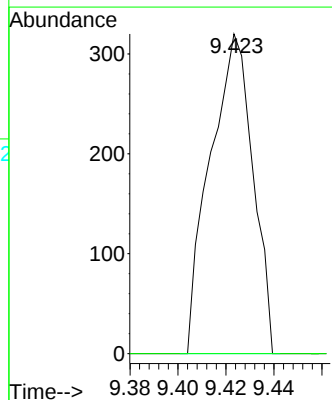
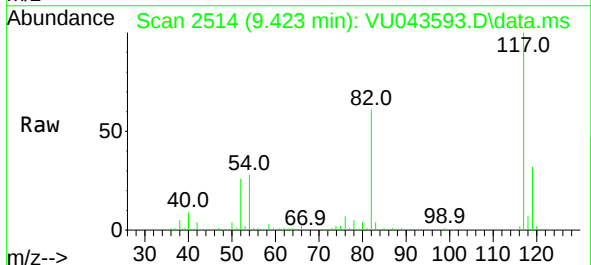
Instrument :
MSVOA_U
ClientSampleId :
CAL-AQIDW-20210504

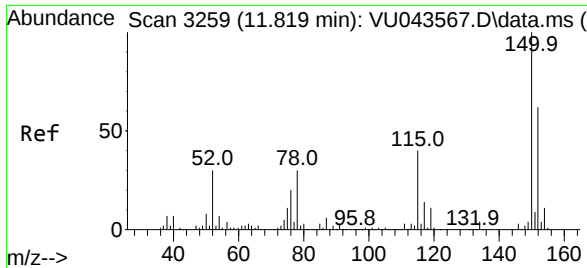
Tgt Ion:117 Resp: 191922
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 32.1 24.7 37.1



#67
Ethyl Benzene
Concen: 1.50 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.155 min
Lab File: VU043593.D
Acq: 06 May 2021 19:03

Tgt Ion: 91 Resp: 396
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

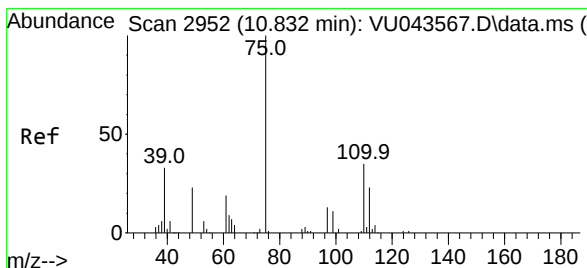
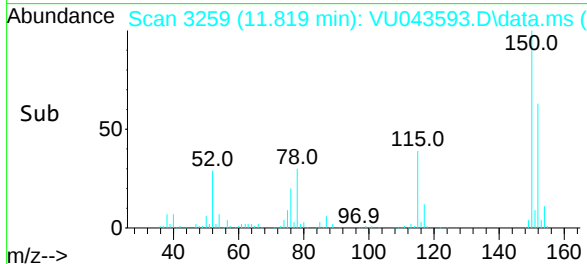
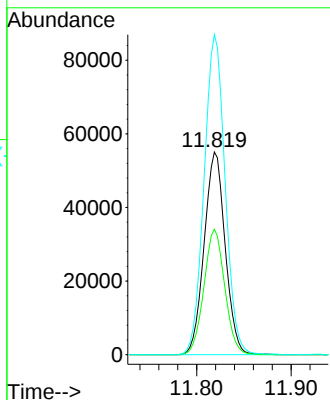
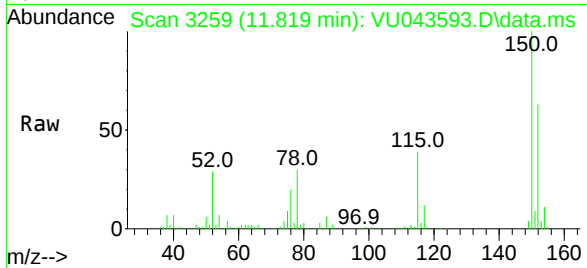




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU043593.D
 Acq: 06 May 2021 19:03

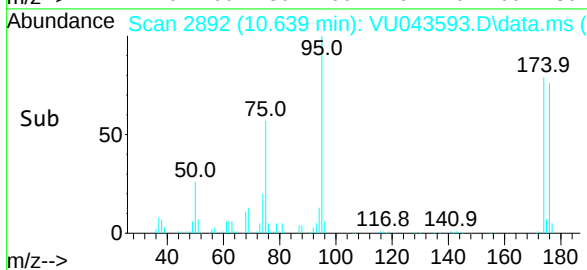
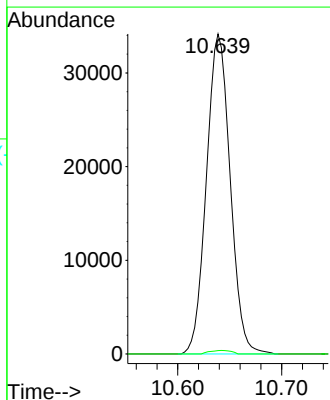
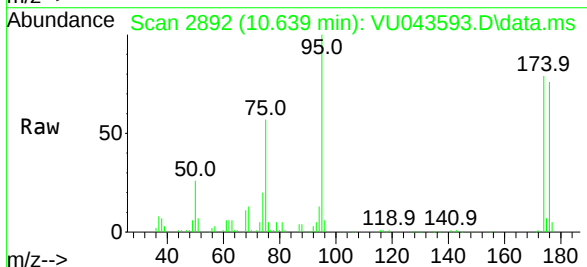
Instrument :
 MSVOA_U
 ClientSampleId :
 CAL-AQIDW-20210504

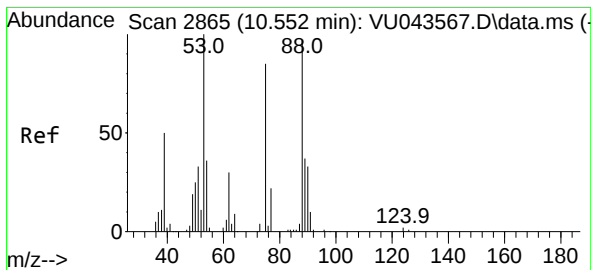
Tgt Ion:152 Resp: 84996
 Ion Ratio Lower Upper
 152 100
 115 61.3 46.1 138.3
 150 157.8 0.0 361.0



#76
 1,2,3-Trichloropropane
 Concen: 20.07 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU043593.D
 Acq: 06 May 2021 19:03

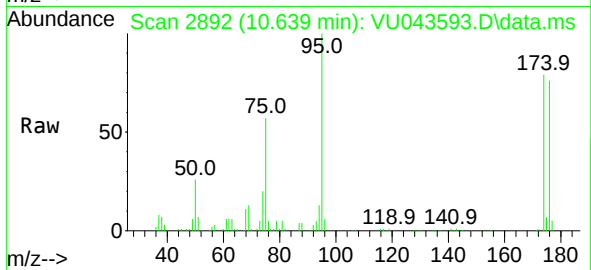
Tgt Ion: 75 Resp: 54247
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.1 51.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.37 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.087 min
 Lab File: VU043593.D
 Acq: 06 May 2021 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 CAL-AQIDW-20210504



Tgt Ion: 75 Resp: 54247
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.8 143.8#
 89 0.0 36.1 54.1#

