

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068672.D
 Acq On : 25 Sep 2021 17:09
 Operator : JC/MD
 Sample : PB139363TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB139363TB

Quant Time: Sep 27 04:45:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

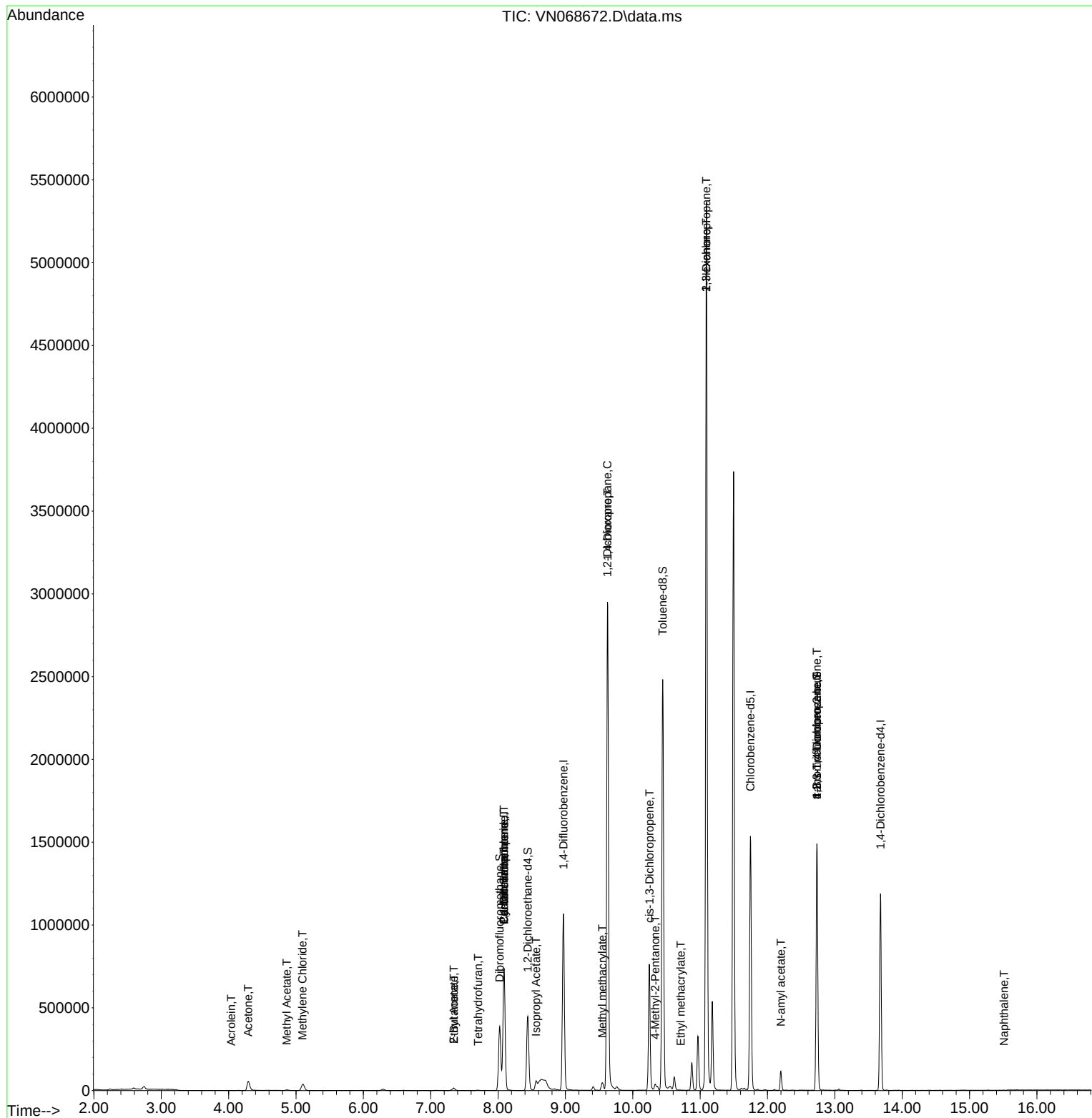
Internal Standards						
1) Pentafluorobenzene	8.091	168	553139	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	916756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	851310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	296914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	368644	42.529	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.060%		
35) Dibromofluoromethane	8.024	113	278166	45.242	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.480%		
50) Toluene-d8	10.443	98	1720495	66.173	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	132.340%#		
62) 4-Bromofluorobenzene	12.733	95	512327	57.616	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	115.240%		
Target Compounds						
5) Bromomethane	2.866	94	477	Below Cal		81
6) Chloroethane	3.017	64	330	Below Cal	#	44
13) Acrolein	4.039	56	165	7.209	ug/l #	51
16) Acetone	4.291	43	107816	24.056	ug/l	95
18) Methyl Acetate	4.862	43	8899	0.701	ug/l	94
20) Methylene Chloride	5.095	84	14349	0.214	ug/l	94
25) 2-Butanone	7.343	43	25915	4.923	ug/l	97
29) Tetrahydrofuran	7.705	42	1599	0.478	ug/l #	68
31) Cyclohexane	8.088	56	13137	1.084	ug/l #	25
36) 1,1-Dichloropropene	8.088	75	45777	4.944	ug/l #	46
37) Ethyl Acetate	7.343	43	25915	2.465	ug/l #	69
38) Carbon Tetrachloride	8.088	117	57250	5.986	ug/l #	17
43) Isopropyl Acetate	8.563	43	72210	4.016	ug/l #	83
45) 1,2-Dichloropropane	9.622	63	3139	0.439	ug/l #	44
48) Methyl methacrylate	9.547	41	12460	1.517	ug/l #	12
49) 1,4-Dioxane	9.628	88	409	3.414	ug/l #	1
51) 4-Methyl-2-Pentanone	10.333	43	22519	2.071	ug/l	94
54) cis-1,3-Dichloropropene	10.247	75	124060	10.974	ug/l #	62
56) Ethyl methacrylate	10.711	69	373	0.736	ug/l #	19
57) 1,3-Dichloropropane	11.092	76	51809	4.446	ug/l #	43
59) 2-Hexanone	11.092	43	873948	111.756	ug/l #	52
74) N-amyl acetate	12.197	43	36493	3.212	ug/l #	56
76) 1,2,3-Trichloropropane	12.733	75	279062	38.012	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	279062	107.374	ug/l #	6
95) Naphthalene	15.509	128	2065	1.736	ug/l #	71

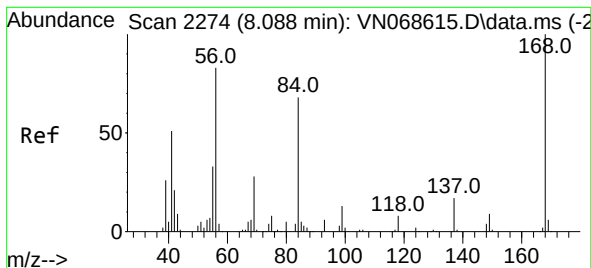
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068672.D
Acq On : 25 Sep 2021 17:09
Operator : JC/MD
Sample : PB139363TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

Quant Time: Sep 27 04:45:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 13:52:37 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. 0.003 min

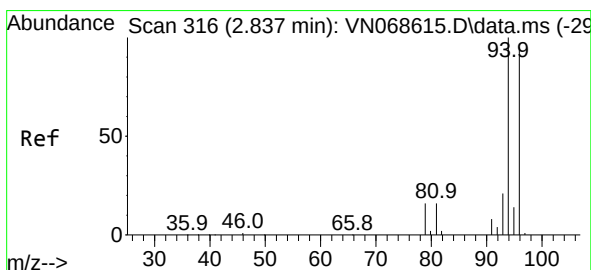
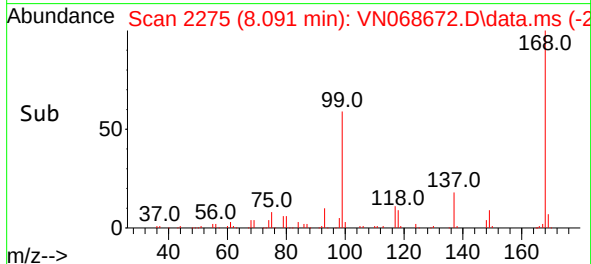
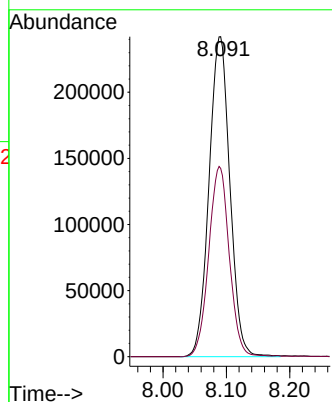
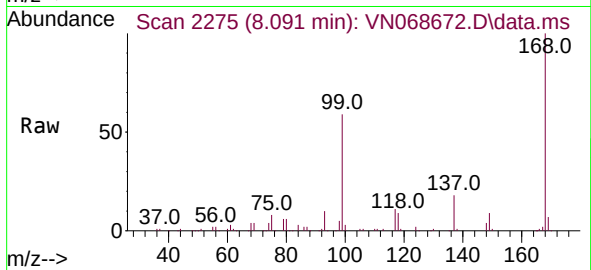
Lab File: VN068672.D

Acq: 25 Sep 2021 17:09

Tgt Ion:168 Resp: 553139

Ion Ratio Lower Upper

168 100
99 58.9 62.9 94.3#



#5

Bromomethane

Concen: Below Cal

RT: 2.866 min Scan# 327

Delta R.T. 0.029 min

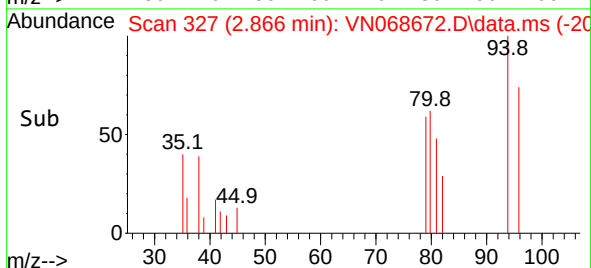
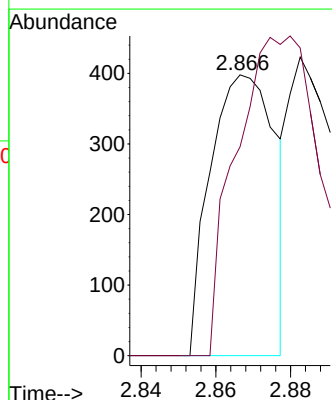
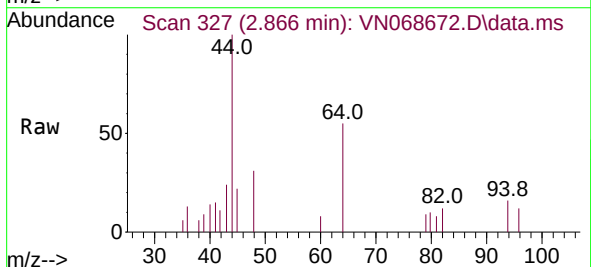
Lab File: VN068672.D

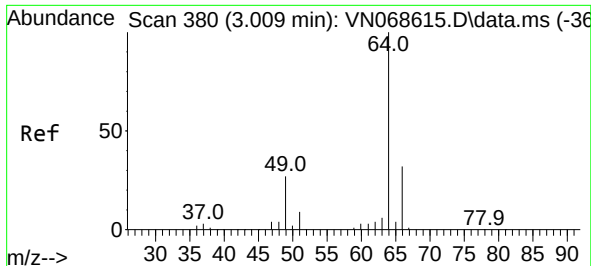
Acq: 25 Sep 2021 17:09

Tgt Ion: 94 Resp: 477

Ion Ratio Lower Upper

94 100
96 74.4 73.7 110.5

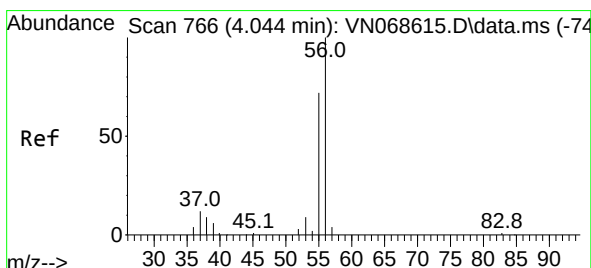
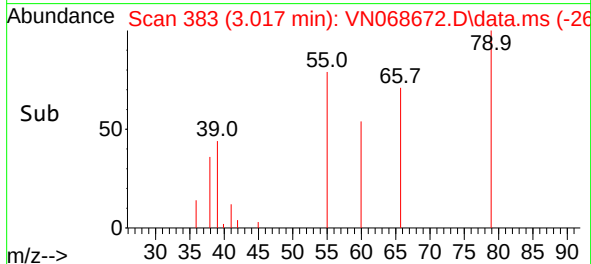
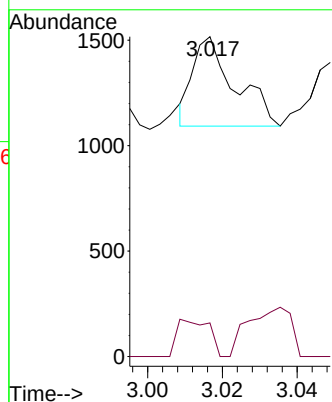
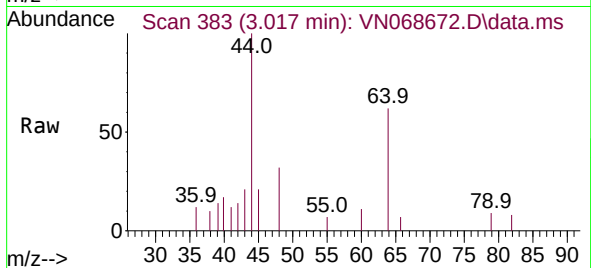




#6
Chloroethane
Concen: Below Cal
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

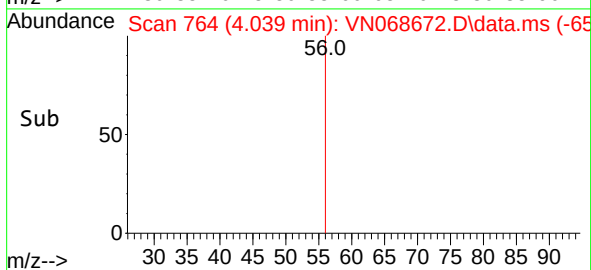
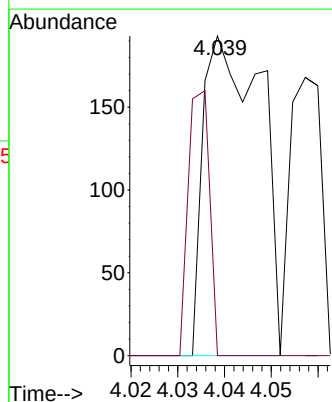
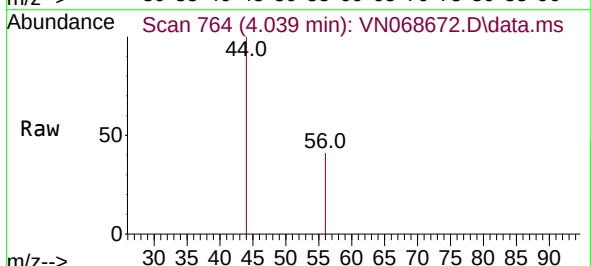
Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

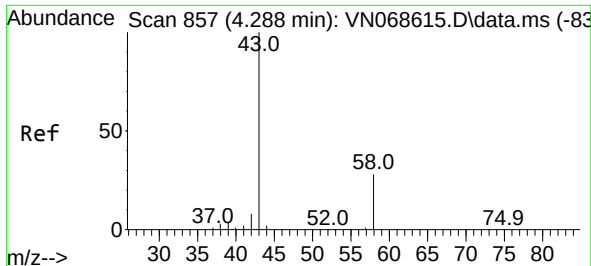
Tgt Ion: 64 Resp: 330
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: 7.209 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.005 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 56 Resp: 165
Ion Ratio Lower Upper
56 100
55 30.9 57.4 86.0#

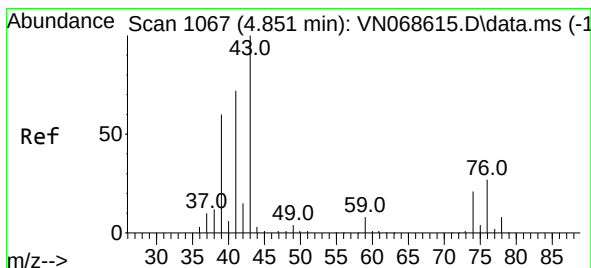
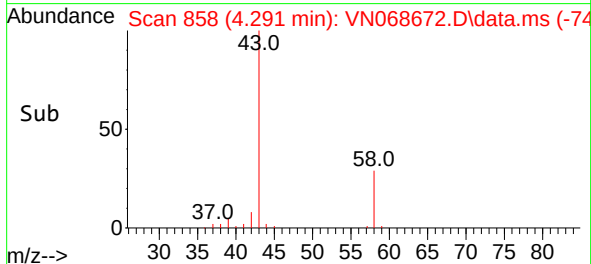
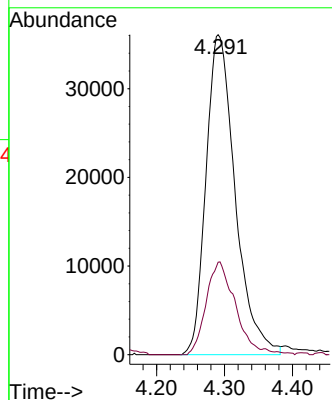
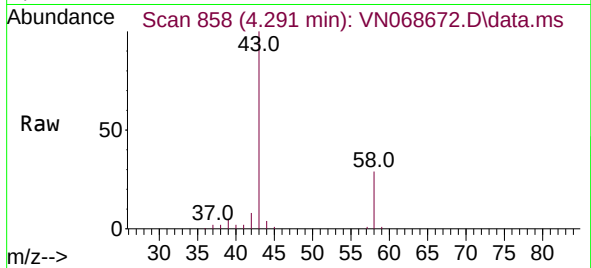




#16
Acetone
Concen: 24.056 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

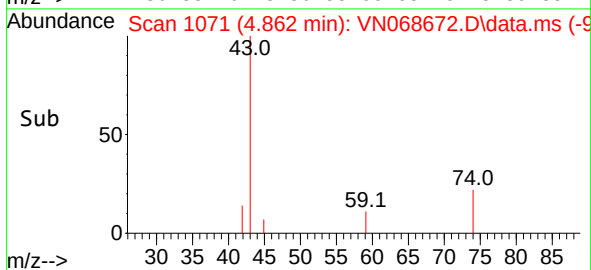
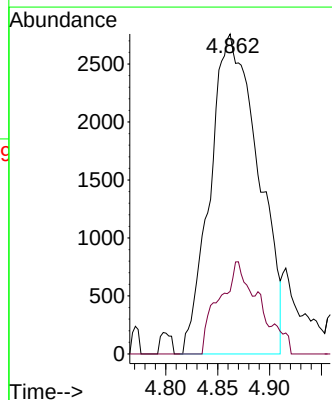
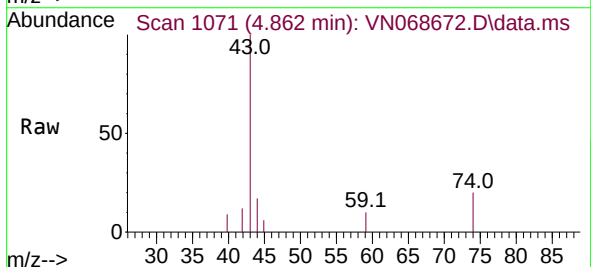
Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

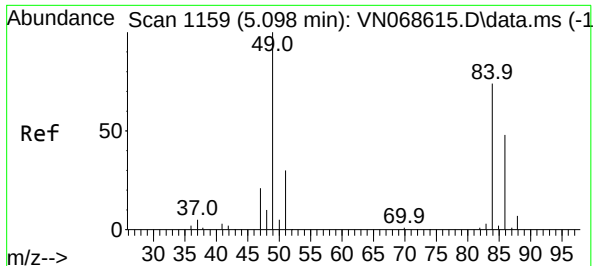
Tgt Ion: 43 Resp: 107816
Ion Ratio Lower Upper
43 100
58 28.9 21.2 31.8



#18
Methyl Acetate
Concen: 0.701 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.011 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 43 Resp: 8899
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0



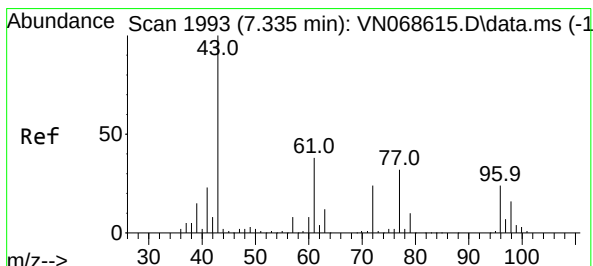
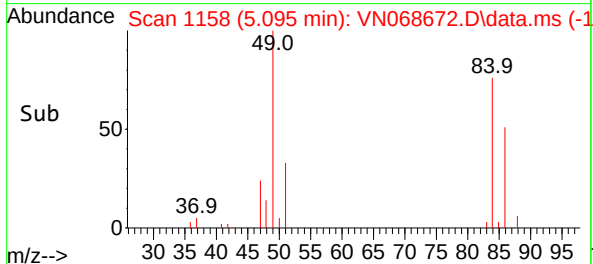
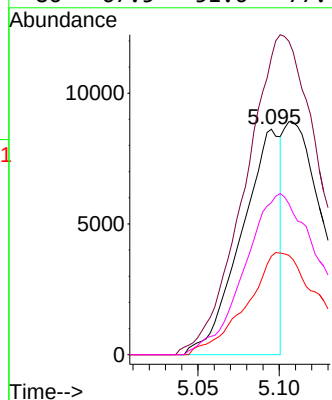
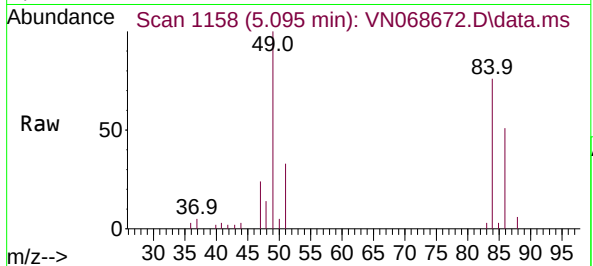


#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.003 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

Tgt Ion: 84 Resp: 14349

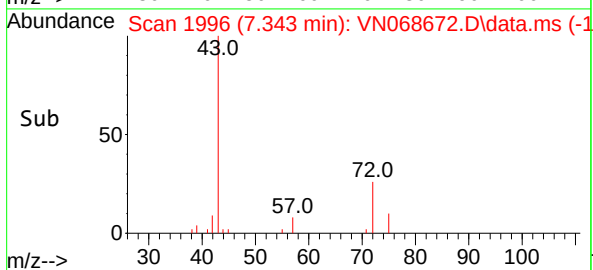
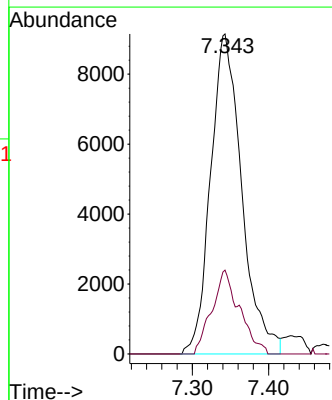
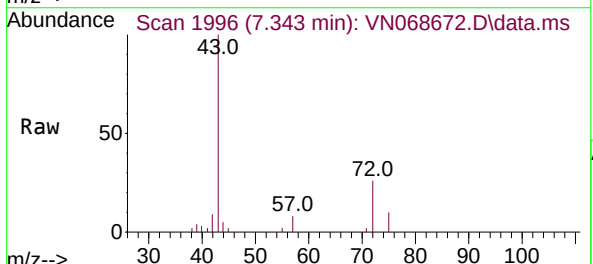
Ion	Ratio	Lower	Upper
84	100		
49	129.7	110.9	166.3
51	43.8	32.6	49.0
86	67.5	51.6	77.4

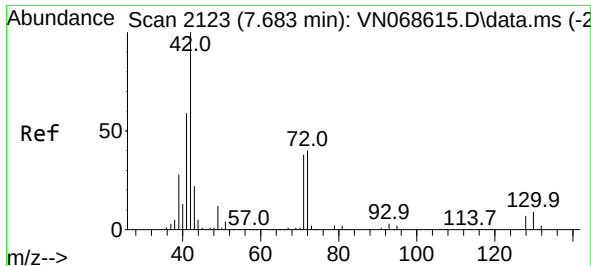


#25
2-Butanone
Concen: 4.923 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 43 Resp: 25915

Ion	Ratio	Lower	Upper
43	100		
72	26.2	19.7	29.5





#29

Tetrahydrofuran

Concen: 0.478 ug/l

RT: 7.705 min Scan# 2131

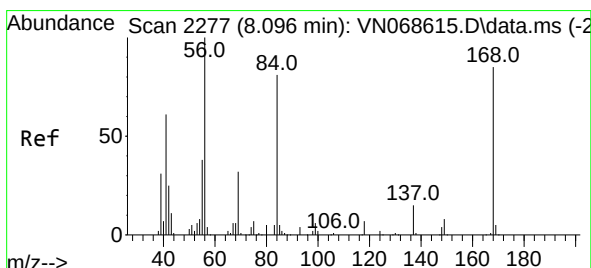
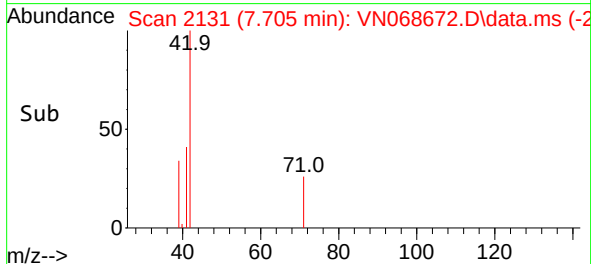
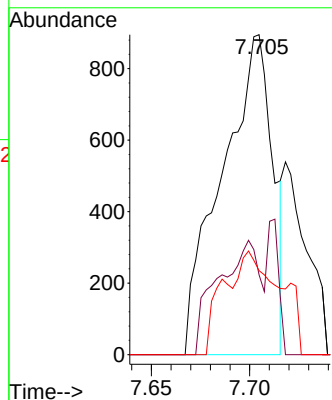
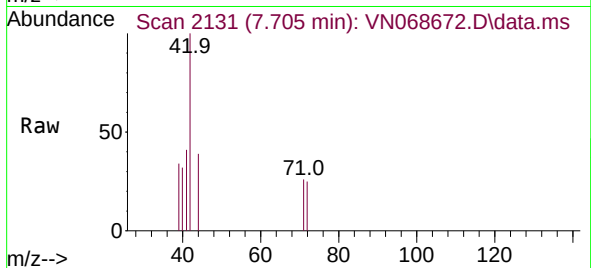
Delta R.T. 0.022 min

Lab File: VN068672.D

Acq: 25 Sep 2021 17:09

Tgt Ion:	42	Resp:	1599
Ion	Ratio	Lower	Upper
42	100		
72	29.8	32.8	49.2#
71	10.1	31.2	46.8#

Instrument :
MSVOA_N
ClientSampled :
PB139363TB



#31

Cyclohexane

Concen: 1.084 ug/l

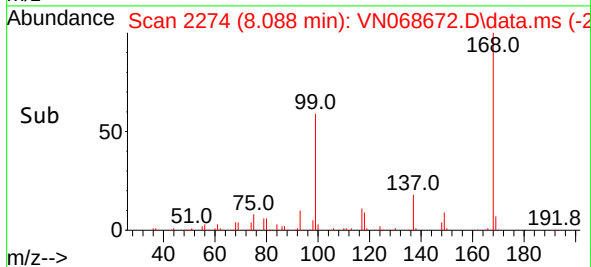
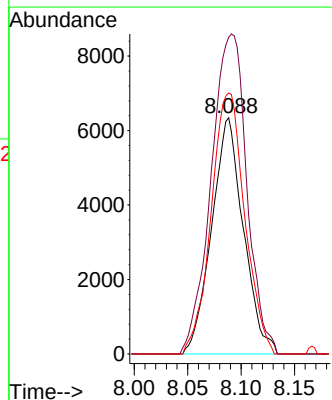
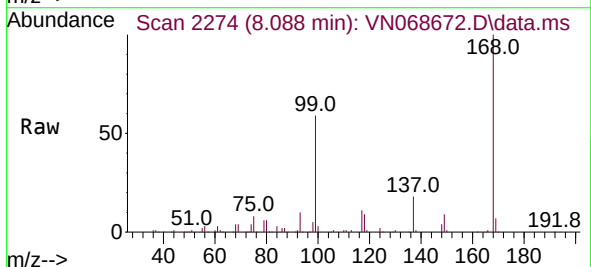
RT: 8.088 min Scan# 2274

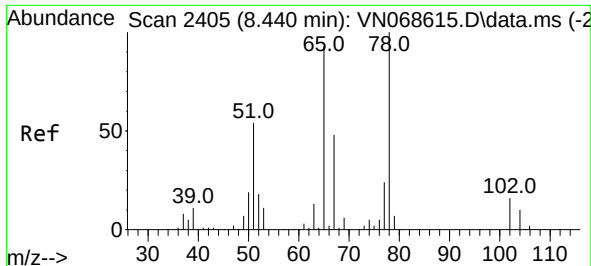
Delta R.T. -0.008 min

Lab File: VN068672.D

Acq: 25 Sep 2021 17:09

Tgt Ion:	56	Resp:	13137
Ion	Ratio	Lower	Upper
56	100		
69	134.2	27.3	40.9#
84	110.5	64.9	97.3#



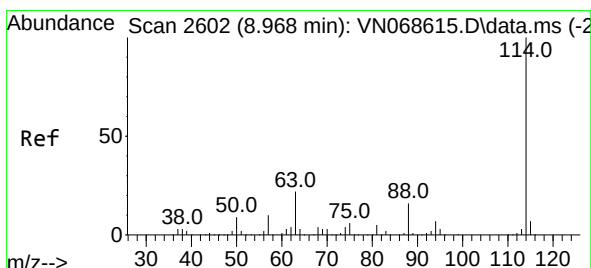
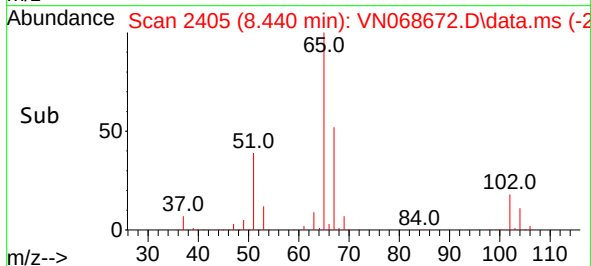
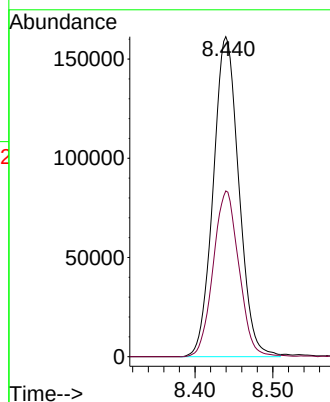
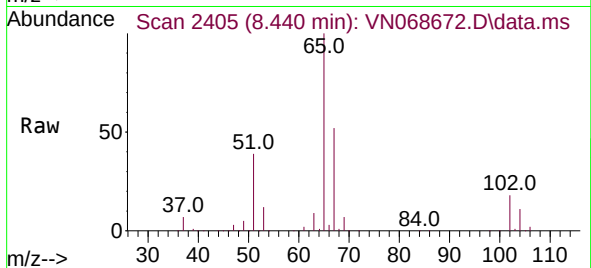


#33

1,2-Dichloroethane-d4
Concen: 42.529 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

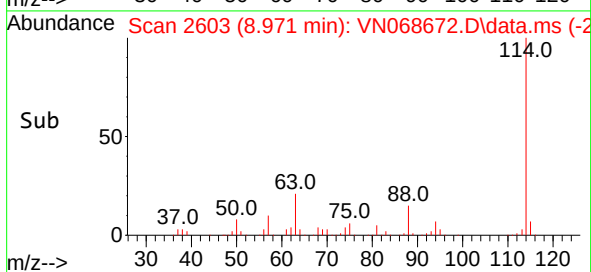
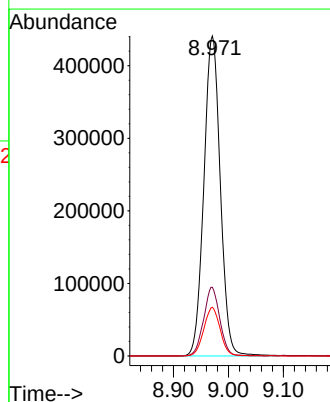
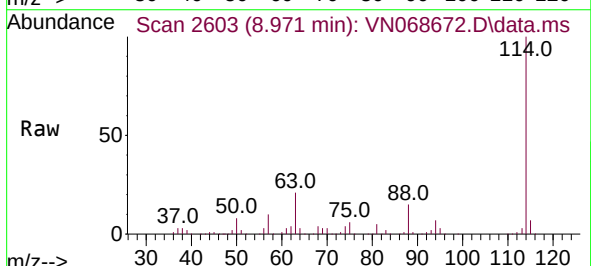
Tgt Ion: 65 Resp: 368644
Ion Ratio Lower Upper
65 100
67 52.0 0.0 98.6

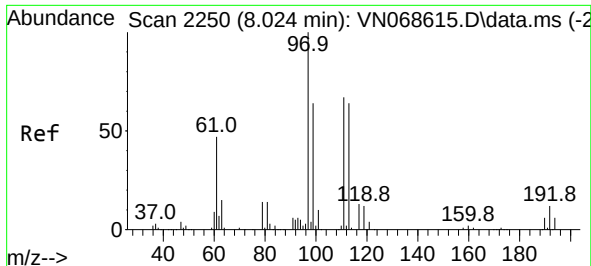


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 114 Resp: 916756
Ion Ratio Lower Upper
114 100
63 21.4 0.0 49.0
88 15.2 0.0 36.6

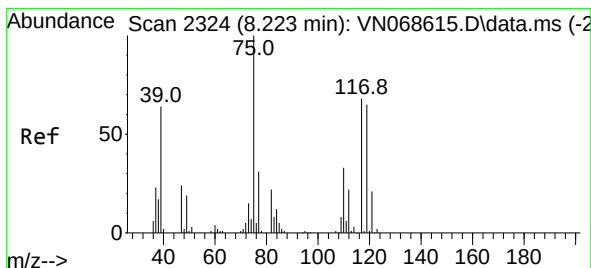
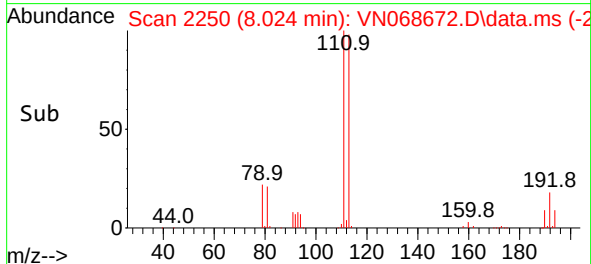
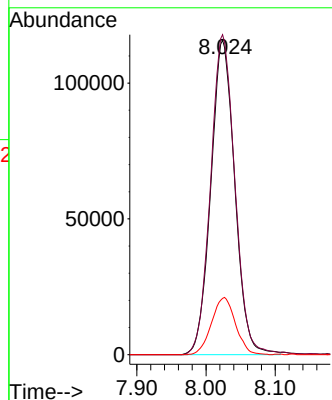
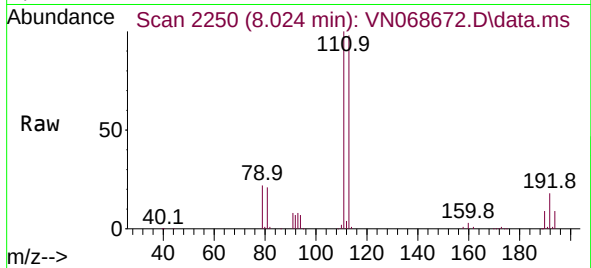




#35
Dibromofluoromethane
Concen: 45.242 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

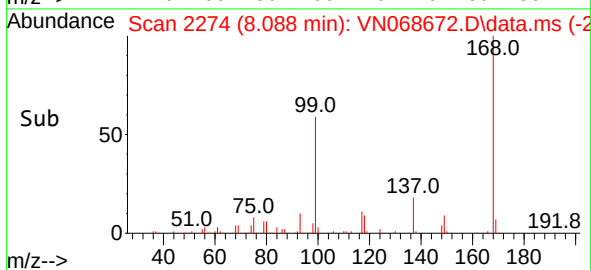
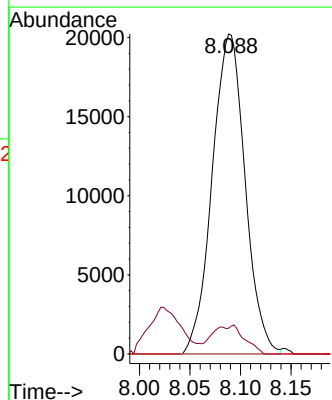
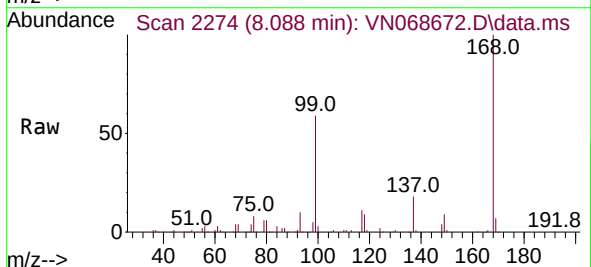
Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

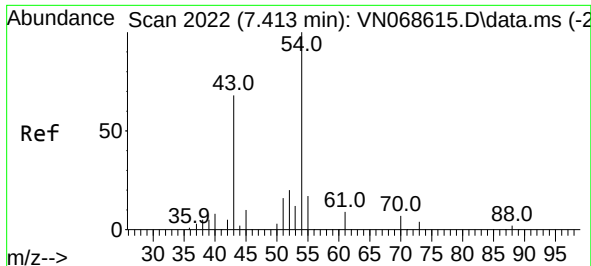
Tgt Ion:113 Resp: 278166
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.8
192 18.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 4.944 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

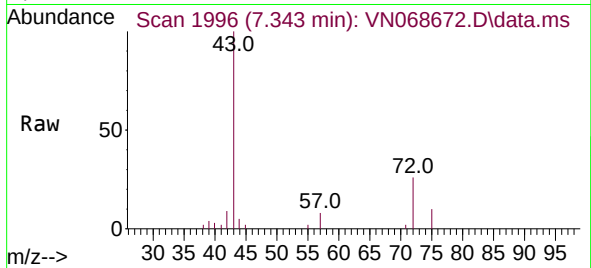
Tgt Ion: 75 Resp: 45777
Ion Ratio Lower Upper
75 100
110 2.2 15.7 47.0#
77 0.0 24.6 37.0#



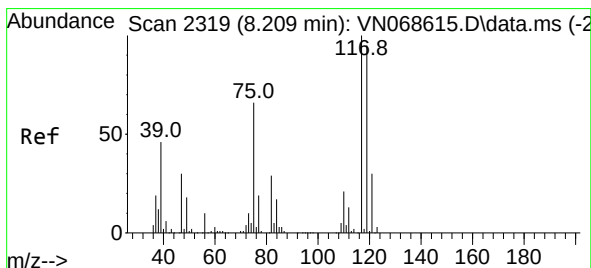
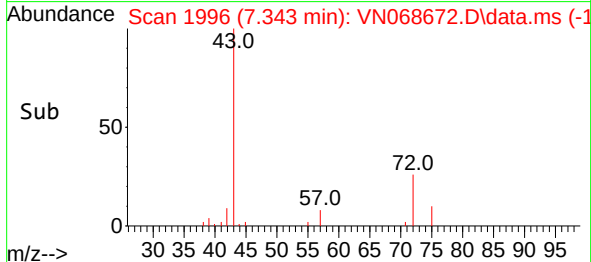
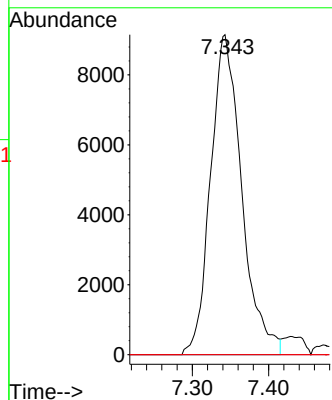


#37
Ethyl Acetate
Concen: 2.465 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.070 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Instrument :
MSVOA_N
ClientSampled :
PB139363TB

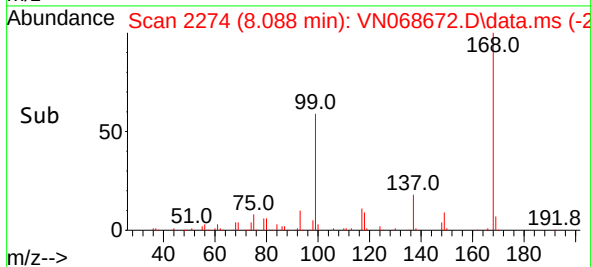
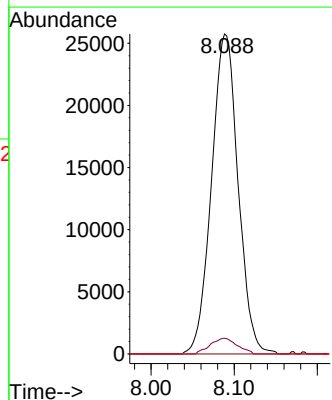
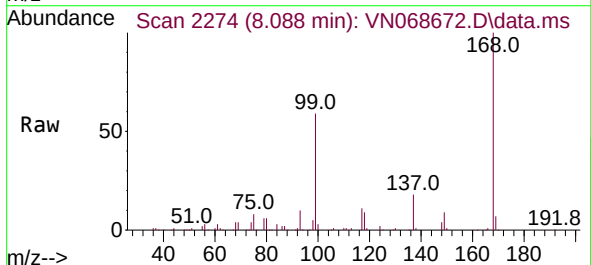


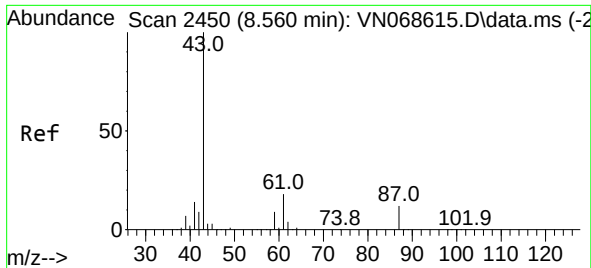
Tgt Ion:	43	Resp:	25915
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.1	12.1#



#38
Carbon Tetrachloride
Concen: 5.986 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion:	117	Resp:	57250
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.2#
121	0.0	23.5	35.3#

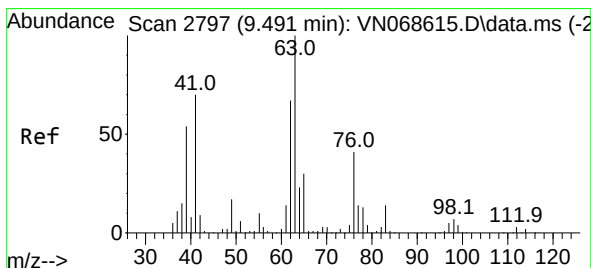
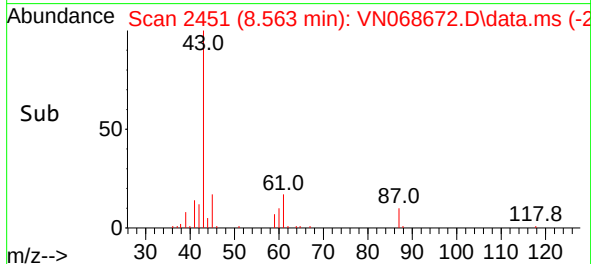
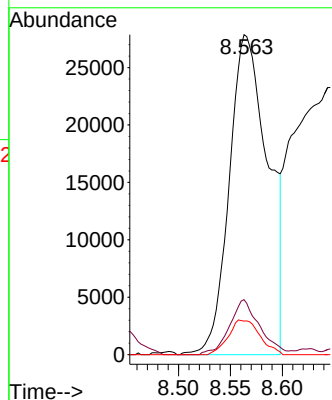
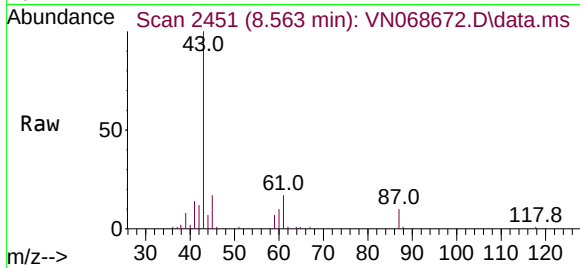




#43
Isopropyl Acetate
Concen: 4.016 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

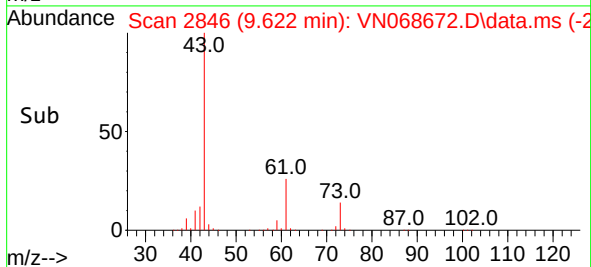
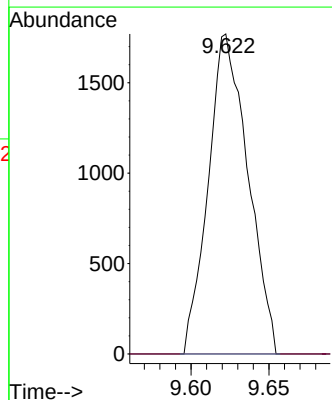
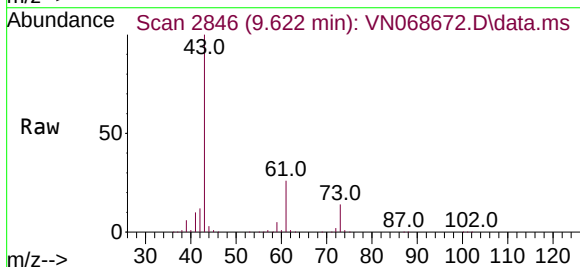
Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

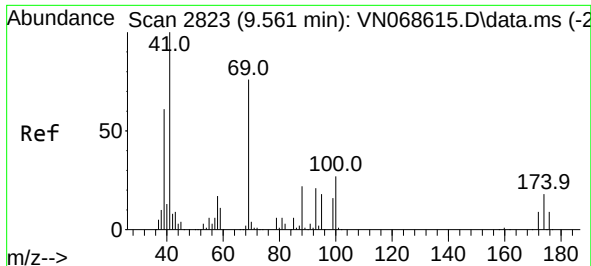
Tgt Ion: 43 Resp: 72210
Ion Ratio Lower Upper
43 100
61 13.4 19.0 28.4#
87 8.8 9.5 14.3#



#45
1,2-Dichloropropane
Concen: 0.439 ug/l
RT: 9.622 min Scan# 2846
Delta R.T. 0.131 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 63 Resp: 3139
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#

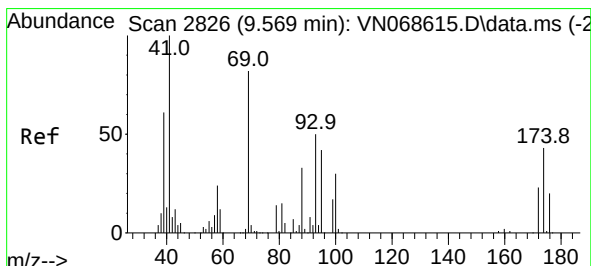
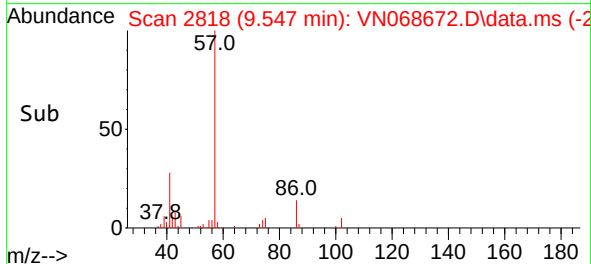
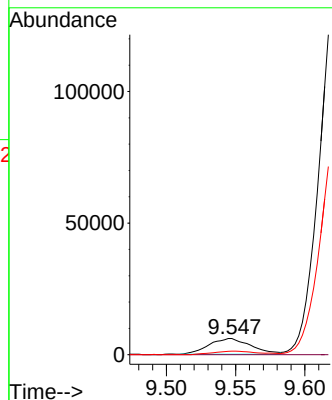
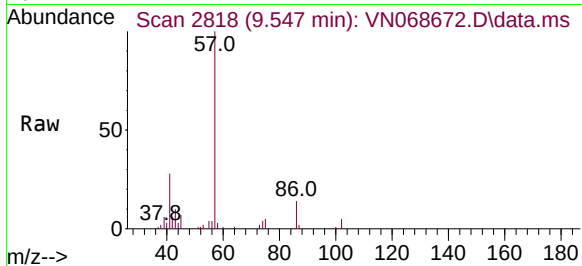




#48
Methyl methacrylate
Concen: 1.517 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.014 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

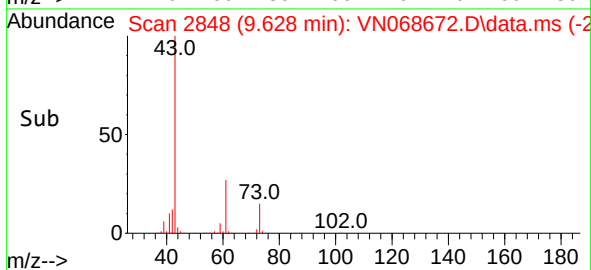
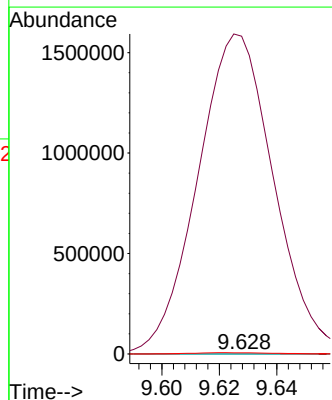
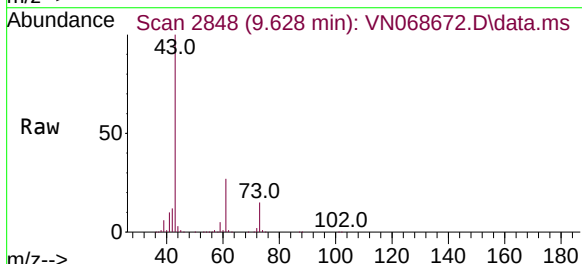
Instrument :
MSVOA_N
ClientSampled :
PB139363TB

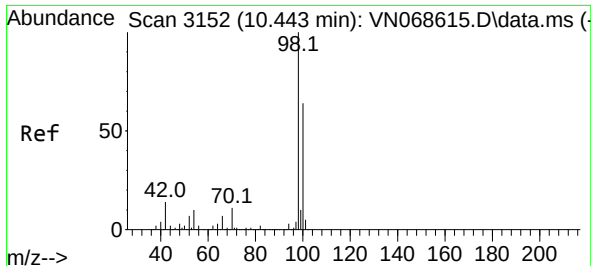
Tgt Ion: 41 Resp: 12460
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#



#49
1,4-Dioxane
Concen: 3.414 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.059 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 88 Resp: 409
Ion Ratio Lower Upper
88 100
43 732231.1 28.8 43.2#
58 3114.7 60.4 90.6#

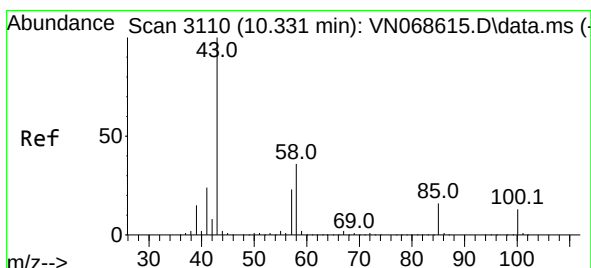
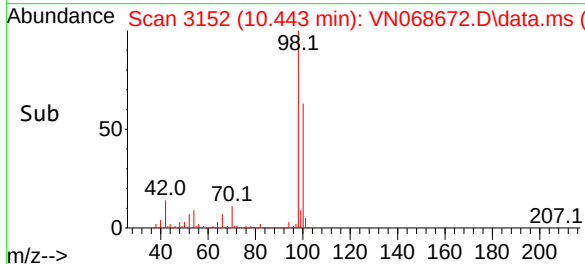
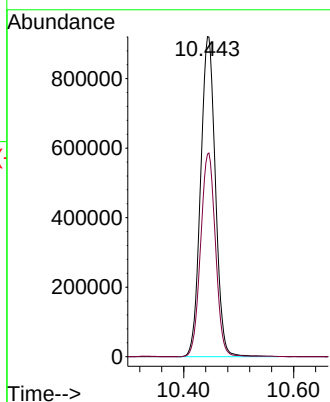
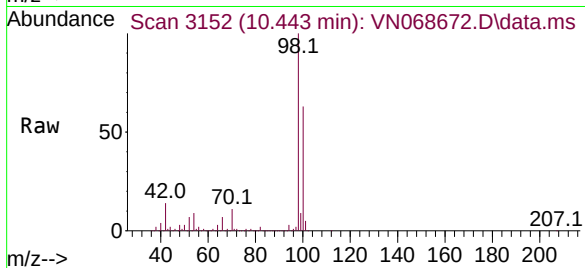




#50
Toluene-d8
Concen: 66.173 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

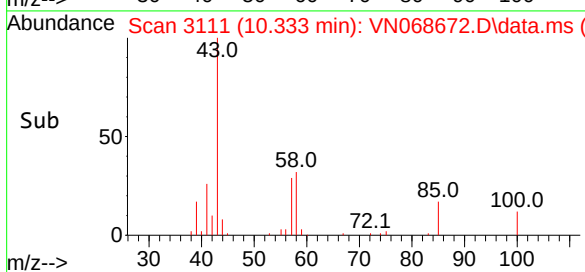
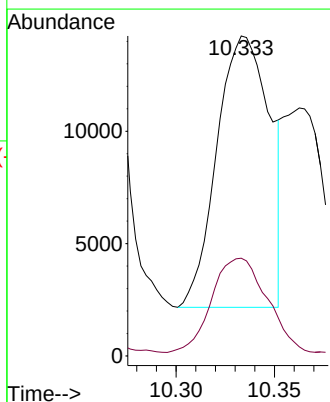
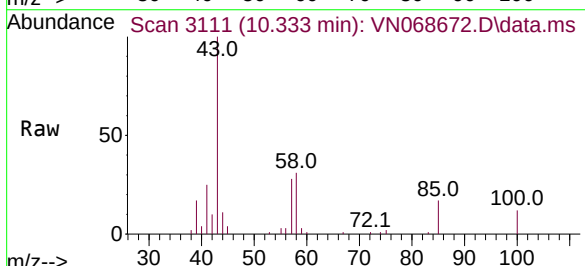
Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

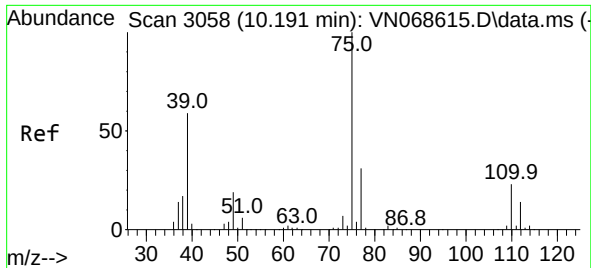
Tgt Ion: 98 Resp: 1720495
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 2.071 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 43 Resp: 22519
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0

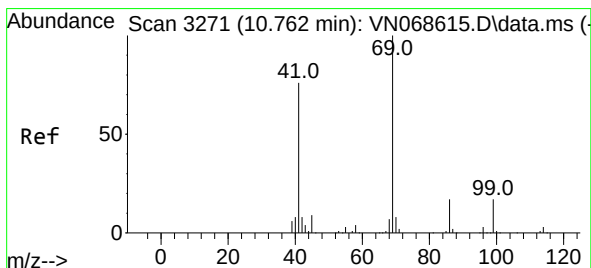
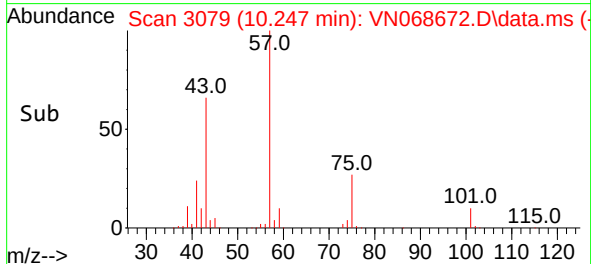
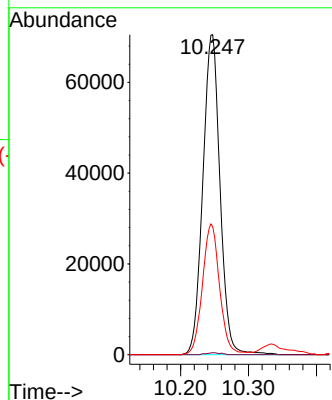
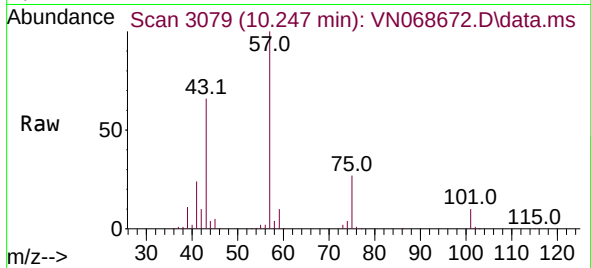




#54
cis-1,3-Dichloropropene
Concen: 10.974 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.056 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

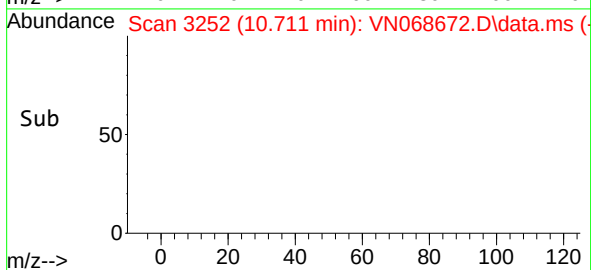
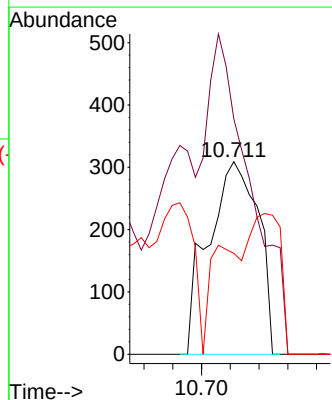
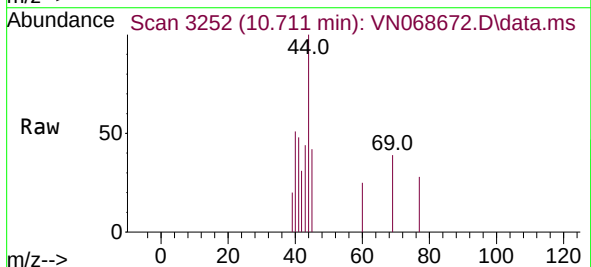
Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

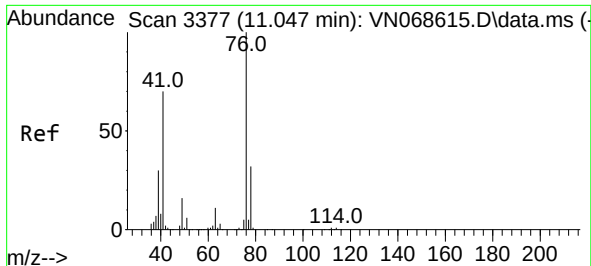
Tgt Ion: 75 Resp: 124060
Ion Ratio Lower Upper
75 100
77 0.6 24.6 37.0#
39 40.0 50.7 76.1#



#56
Ethyl methacrylate
Concen: 0.736 ug/l
RT: 10.711 min Scan# 3252
Delta R.T. -0.051 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 69 Resp: 373
Ion Ratio Lower Upper
69 100
41 0.0 58.6 88.0#
39 0.0 38.3 57.5#

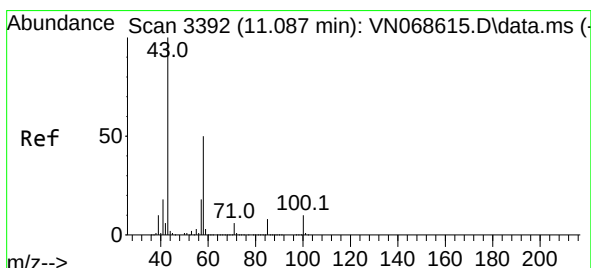
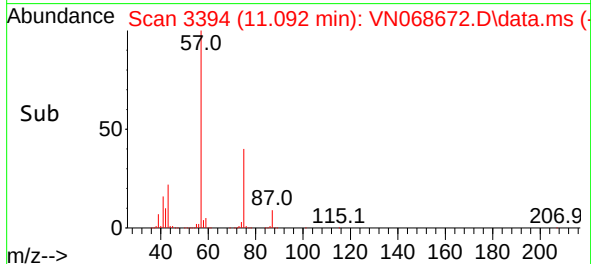
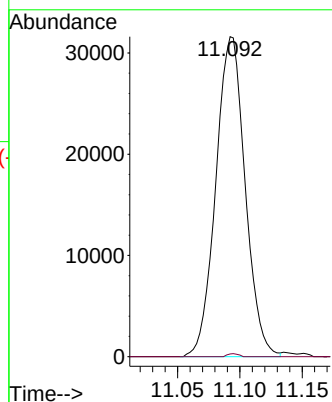
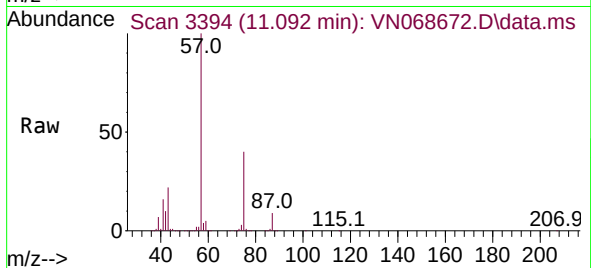




#57
1,3-Dichloropropane
Concen: 4.446 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.045 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

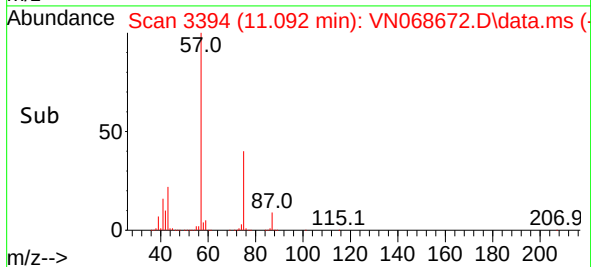
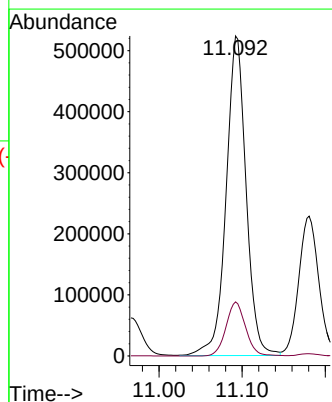
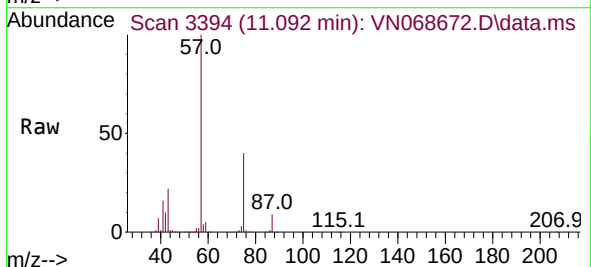
Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

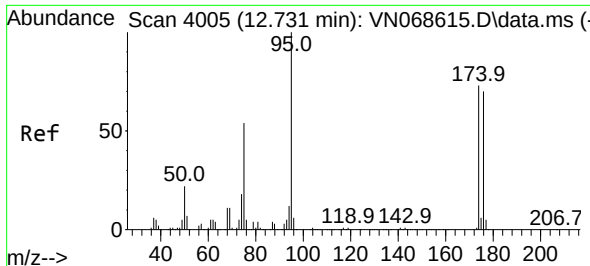
Tgt Ion: 76 Resp: 51809
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#



#59
2-Hexanone
Concen: 111.756 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 43 Resp: 873948
Ion Ratio Lower Upper
43 100
58 16.6 24.7 74.1#

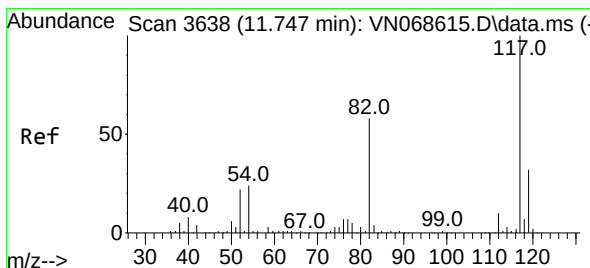
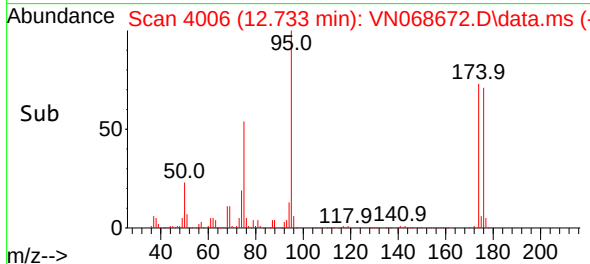
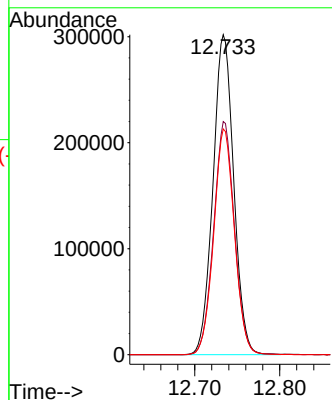
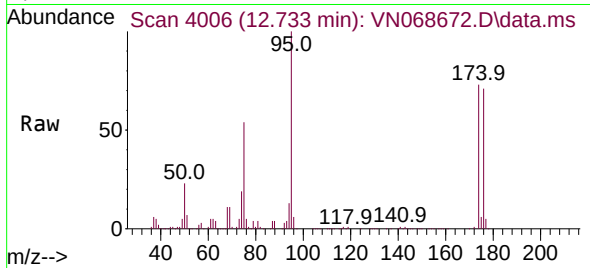




#62
4-Bromofluorobenzene
Concen: 57.616 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

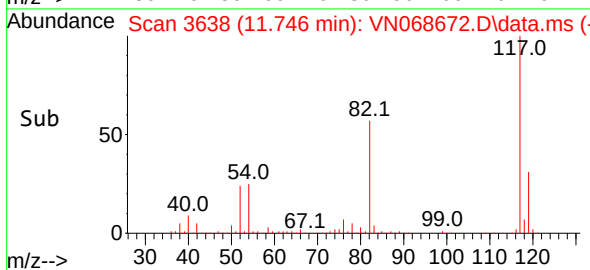
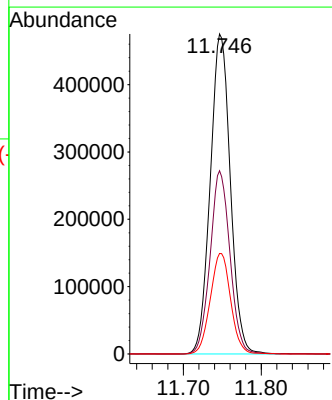
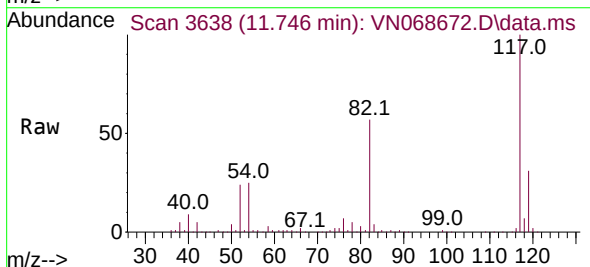
Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

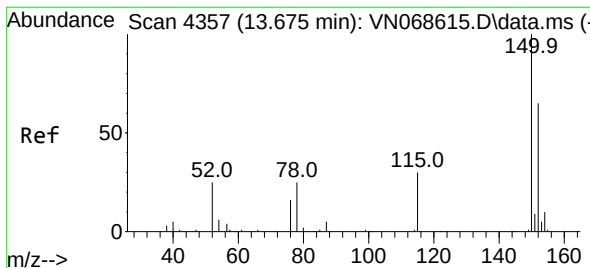
Tgt Ion: 95 Resp: 512327
Ion Ratio Lower Upper
95 100
174 73.1 0.0 122.0
176 70.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Tgt Ion: 117 Resp: 851310
Ion Ratio Lower Upper
117 100
82 57.2 53.1 79.7
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 4358

Delta R.T. 0.002 min

Lab File: VN068672.D

Acq: 25 Sep 2021 17:09

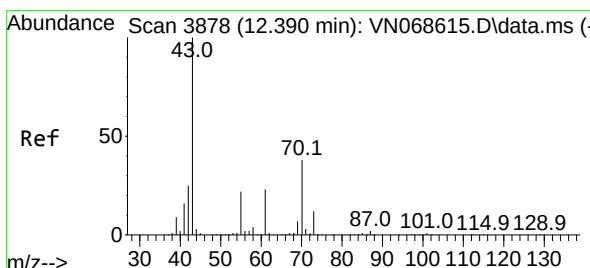
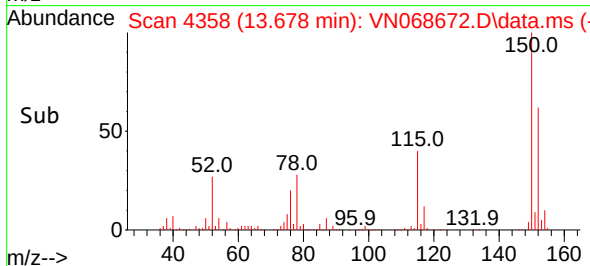
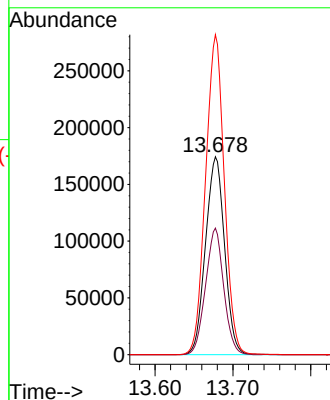
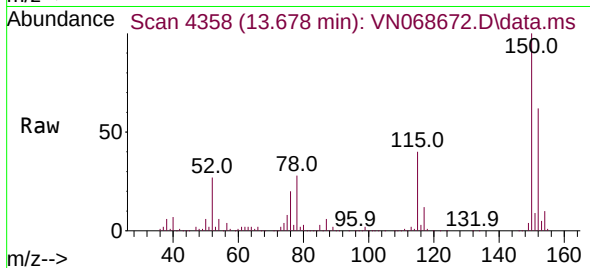
Tgt Ion:152 Resp: 296914

Ion Ratio Lower Upper

152 100

115 61.0 36.1 108.5

150 158.9 0.0 351.8



#74

N-ethyl acetate

Concen: 3.212 ug/l

RT: 12.197 min Scan# 3806

Delta R.T. -0.193 min

Lab File: VN068672.D

Acq: 25 Sep 2021 17:09

Tgt Ion: 43 Resp: 36493

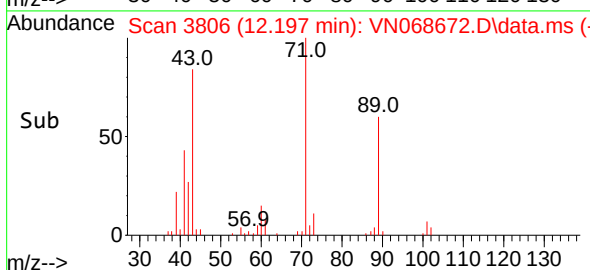
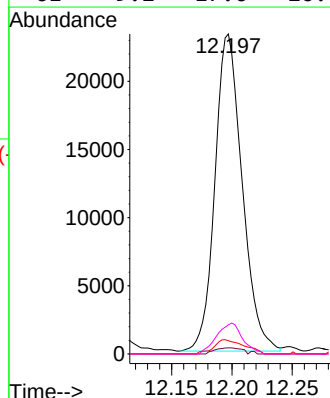
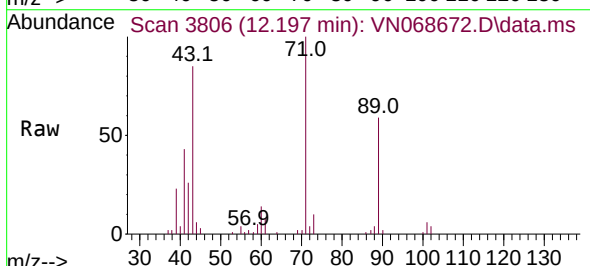
Ion Ratio Lower Upper

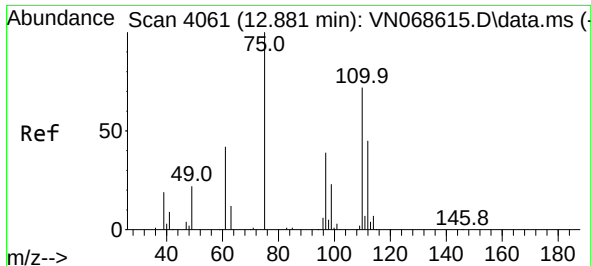
43 100

70 1.9 29.4 44.2#

55 5.0 17.0 25.4#

61 9.2 17.6 26.4#

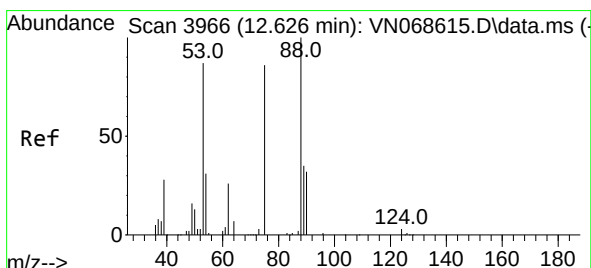
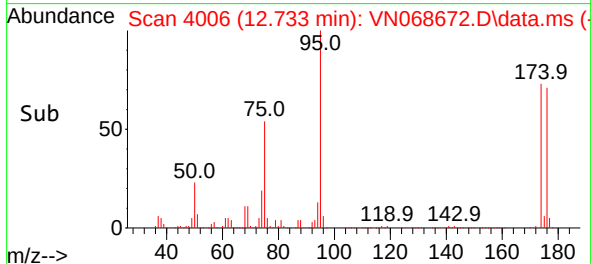
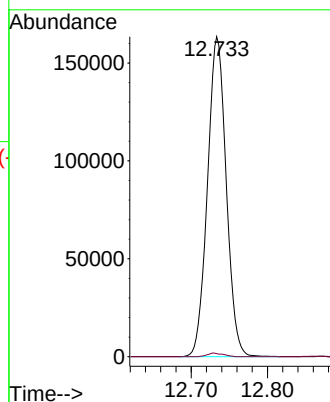
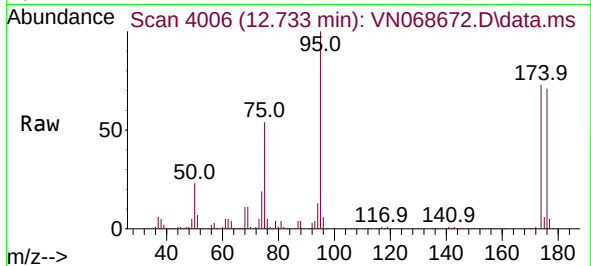




#76
1,2,3-Trichloropropane
Concen: 38.012 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

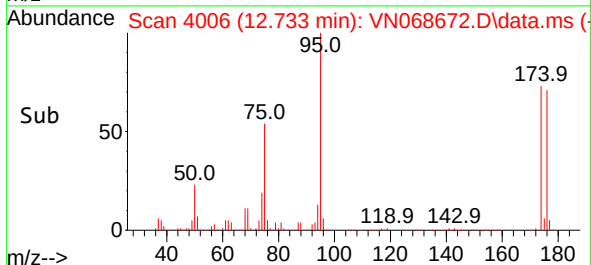
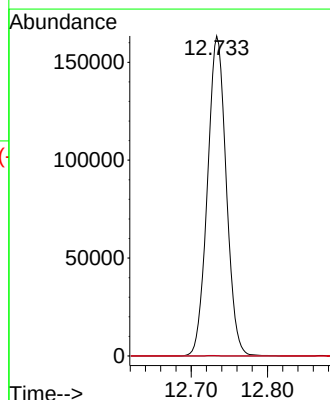
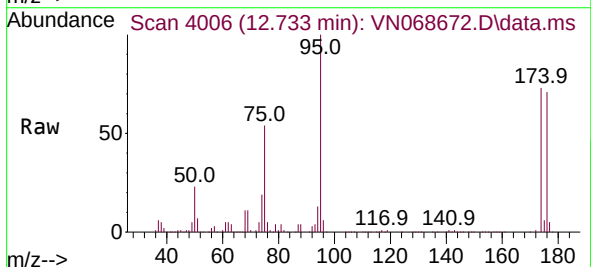
Instrument :
MSVOA_N
ClientSampleId :
PB139363TB

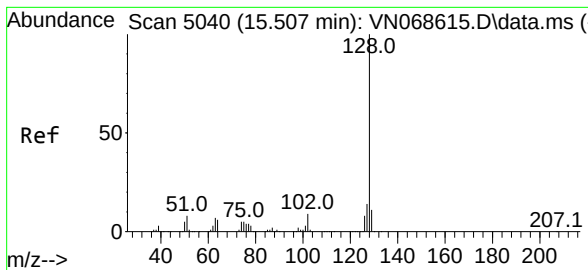
Tgt Ion: 75 Resp: 279062
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.374 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

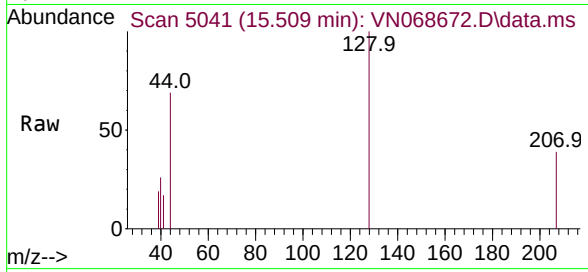
Tgt Ion: 75 Resp: 279062
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.736 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068672.D
Acq: 25 Sep 2021 17:09

Instrument :
MSVOA_N
ClientSampleId :
PB139363TB



Tgt Ion:	128	Resp:	2065
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.6	15.8#
129	1.3	8.6	12.8#

