

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068666.D
 Acq On : 25 Sep 2021 14:38
 Operator : JC/MD
 Sample : PB139230ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB139230ZHE#02

Quant Time: Sep 27 04:43:39 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)

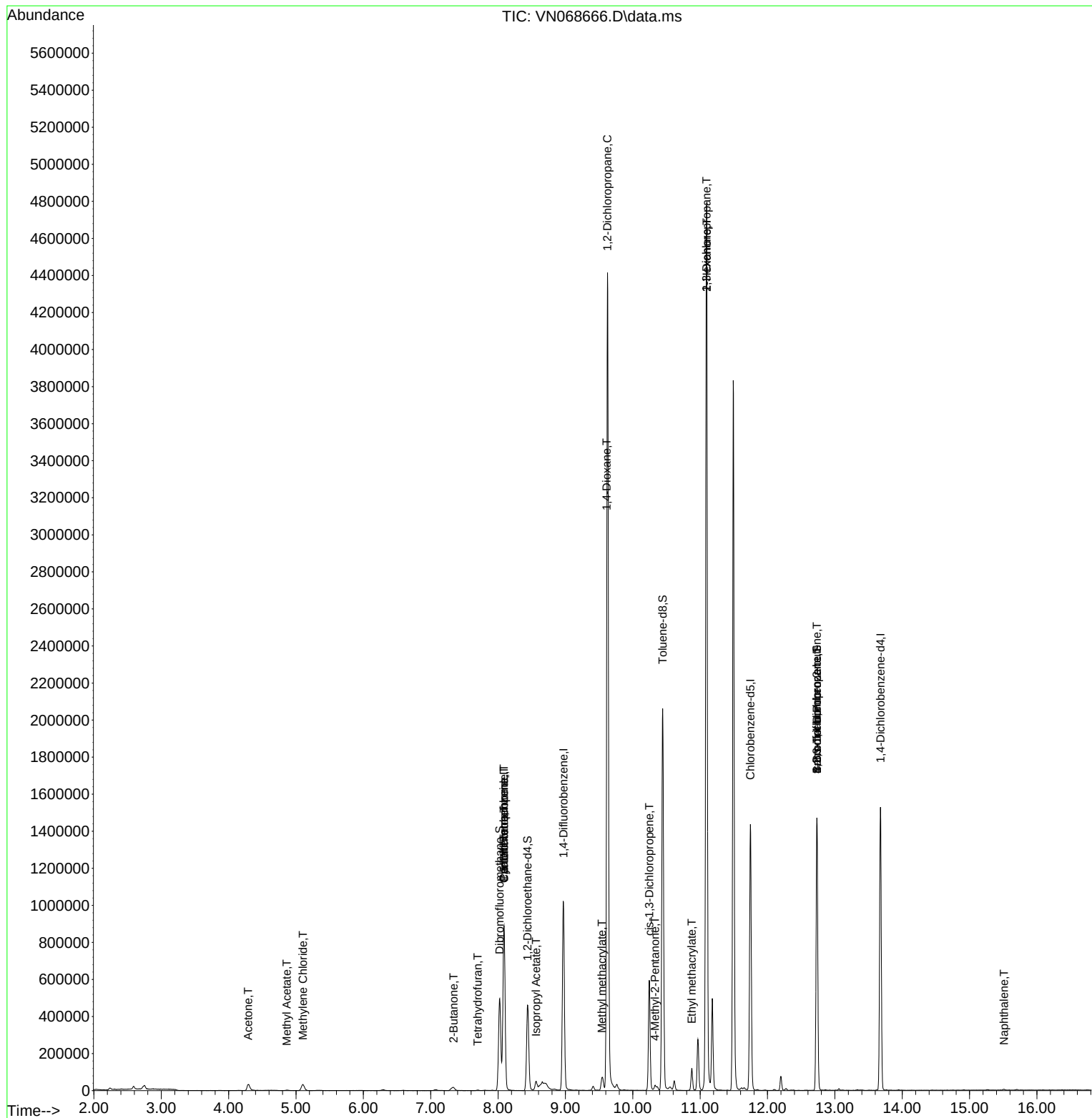
Internal Standards						
1) Pentafluorobenzene	8.088	168	638610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	861189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	794017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	406973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	388216	38.684	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	77.360%
35) Dibromofluoromethane	8.024	113	357618	62.246	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	124.500%
50) Toluene-d8	10.443	98	1404799	57.517	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	115.040%
62) 4-Bromofluorobenzene	12.733	95	509845	61.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	122.080%
Target Compounds						
					Qvalue	
5) Bromomethane	2.824	94	49	Below Cal	#	4
6) Chloroethane	3.027	64	477	Below Cal	#	44
16) Acetone	4.288	43	66326	7.201	ug/l	97
18) Methyl Acetate	4.864	43	5640	0.385	ug/l	# 58
20) Methylene Chloride	5.103	84	25051	1.383	ug/l	# 92
25) 2-Butanone	7.340	43	23825	3.920	ug/l	# 89
29) Tetrahydrofuran	7.697	42	1817	0.470	ug/l	# 75
31) Cyclohexane	8.086	56	16881	1.207	ug/l	# 22
36) 1,1-Dichloropropene	8.088	75	58628	6.741	ug/l	# 52
38) Carbon Tetrachloride	8.086	117	70616	7.861	ug/l	# 17
43) Isopropyl Acetate	8.563	43	58324	3.453	ug/l	# 89
45) 1,2-Dichloropropane	9.622	63	4979	0.741	ug/l	# 44
48) Methyl methacrylate	9.542	41	20704	2.683	ug/l	# 12
49) 1,4-Dioxane	9.614	88	186	1.653	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.330	43	14785	1.447	ug/l	# 87
54) cis-1,3-Dichloropropene	10.245	75	96949	9.129	ug/l	# 62
56) Ethyl methacrylate	10.875	69	698	0.767	ug/l	# 1
57) 1,3-Dichloropropane	11.095	76	48524	4.432	ug/l	# 43
59) 2-Hexanone	11.097	43	822032	111.900	ug/l	# 53
71) Bromoform	12.733	173	2807	0.608	ug/l	# 1
76) 1,2,3-Trichloropropane	12.733	75	275285	27.357	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	275285	77.276	ug/l	# 6
95) Naphthalene	15.512	128	4878	1.838	ug/l	# 94

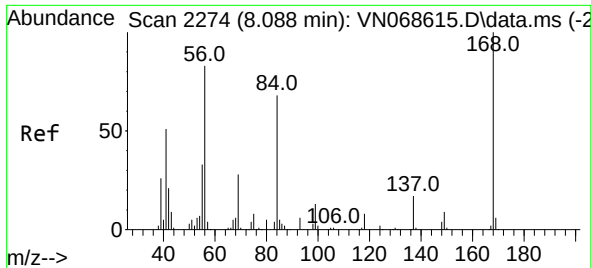
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068666.D
Acq On : 25 Sep 2021 14:38
Operator : JC/MD
Sample : PB139230ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

Quant Time: Sep 27 04:43:39 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

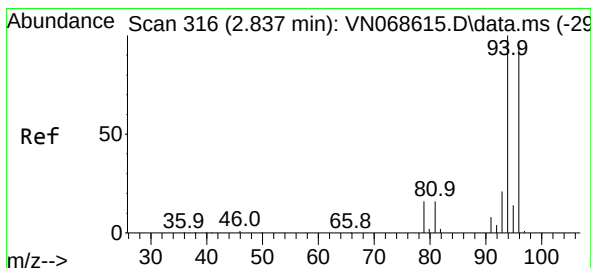
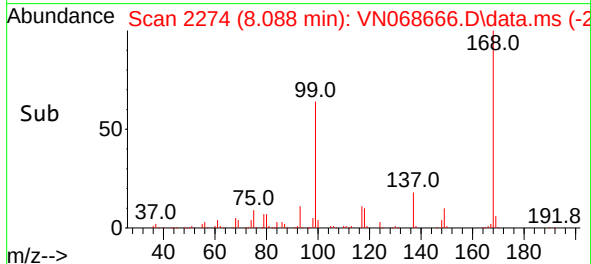
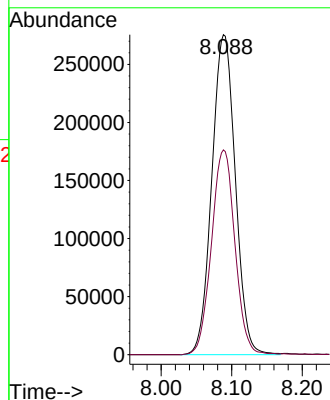
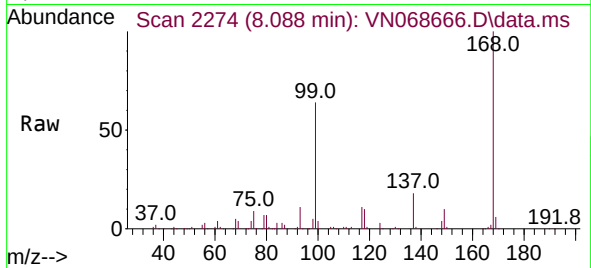




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

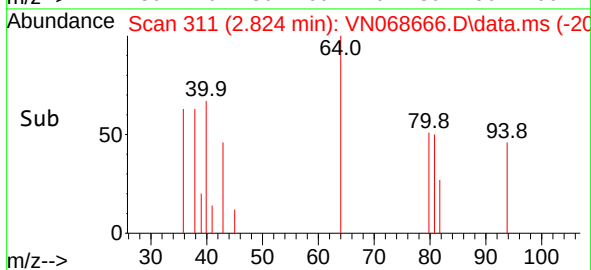
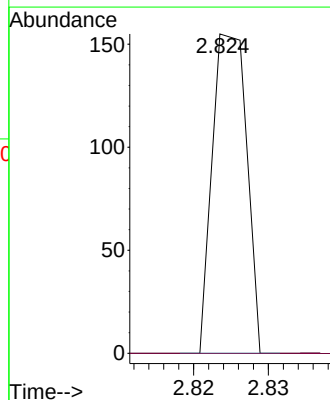
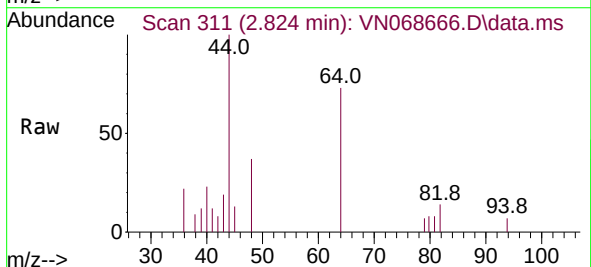
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

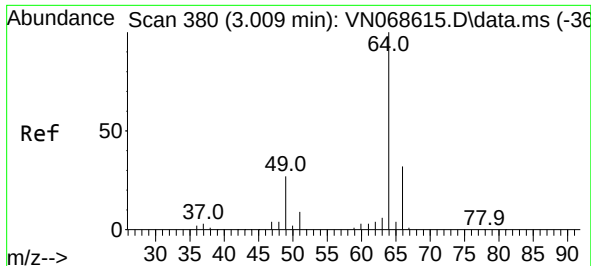
Tgt Ion:168 Resp: 638610
Ion Ratio Lower Upper
168 100
99 64.0 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.824 min Scan# 311
Delta R.T. -0.013 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion: 94 Resp: 49
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

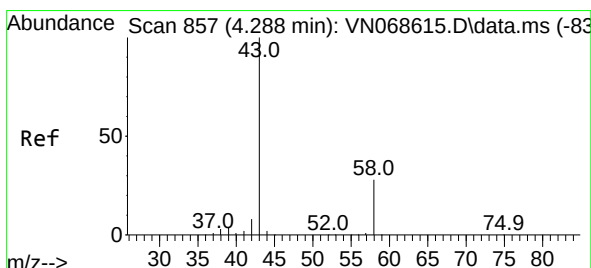
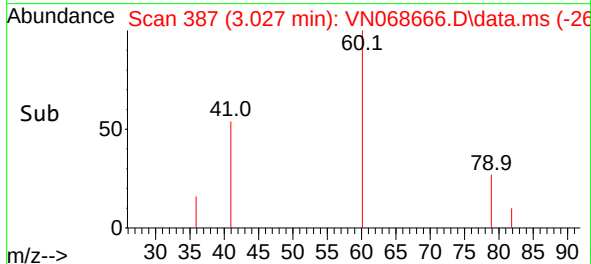
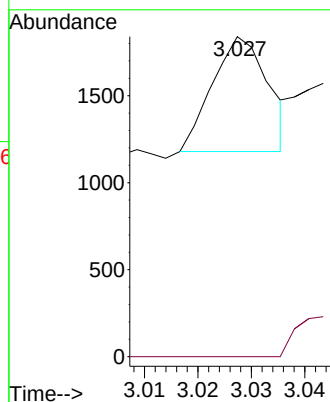
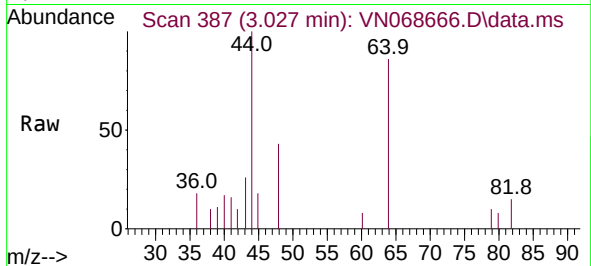




#6
Chloroethane
Concen: Below Cal
RT: 3.027 min Scan# 387
Delta R.T. 0.018 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

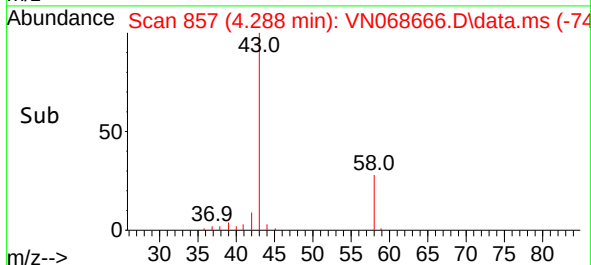
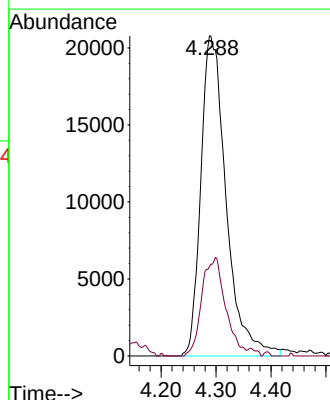
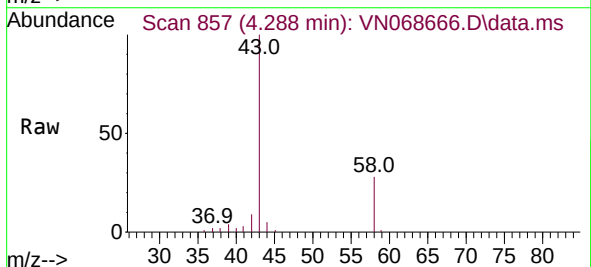
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

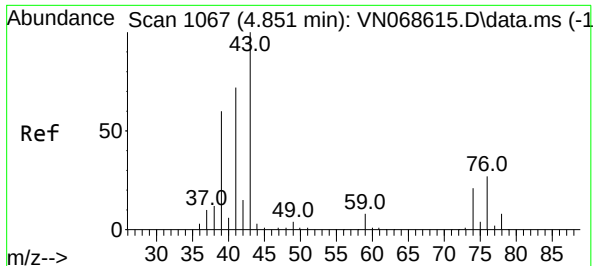
Tgt Ion: 64 Resp: 477
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#16
Acetone
Concen: 7.201 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion: 43 Resp: 66326
Ion Ratio Lower Upper
43 100
58 27.9 21.2 31.8





#18

Methyl Acetate

Concen: 0.385 ug/l

RT: 4.864 min Scan# 1072

Delta R.T. 0.013 min

Lab File: VN068666.D

Acq: 25 Sep 2021 14:38

Tgt Ion: 43 Resp: 5640

Ion Ratio Lower Upper

43 100

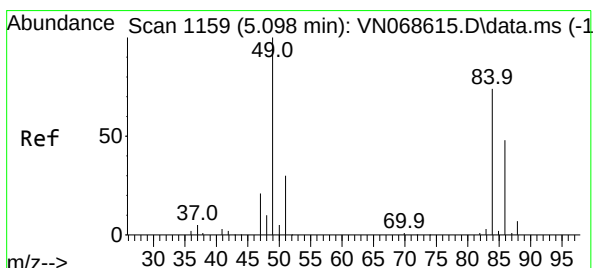
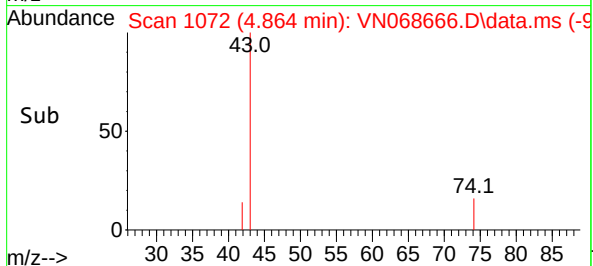
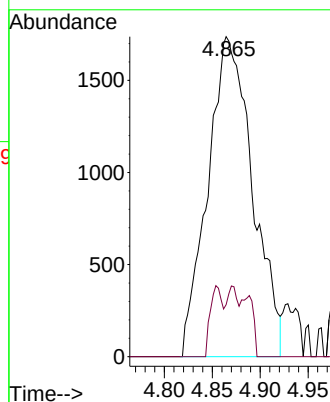
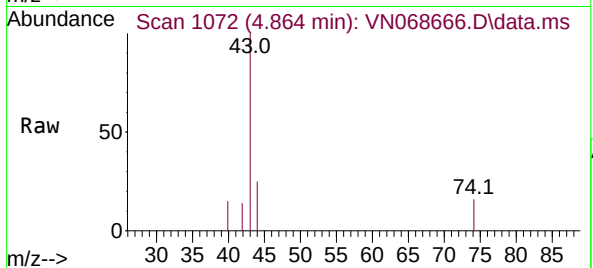
74 1.6 17.4 26.0#

Instrument :

MSVOA_N

ClientSampleId :

PB139230ZHE#02



#20

Methylene Chloride

Concen: 1.383 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.005 min

Lab File: VN068666.D

Acq: 25 Sep 2021 14:38

Tgt Ion: 84 Resp: 25051

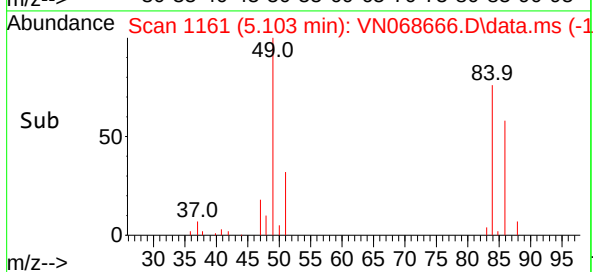
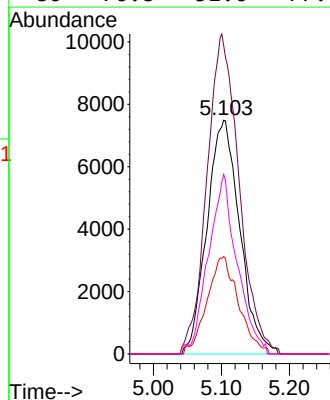
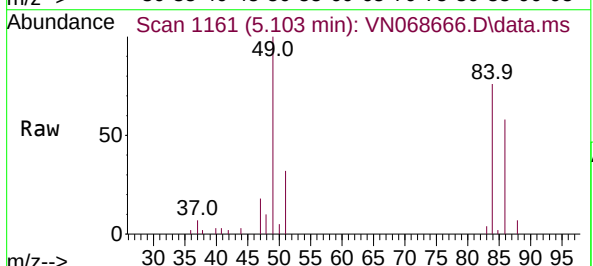
Ion Ratio Lower Upper

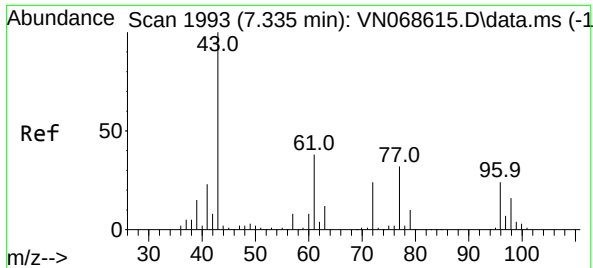
84 100

49 131.8 110.9 166.3

51 41.7 32.6 49.0

86 76.8 51.6 77.4

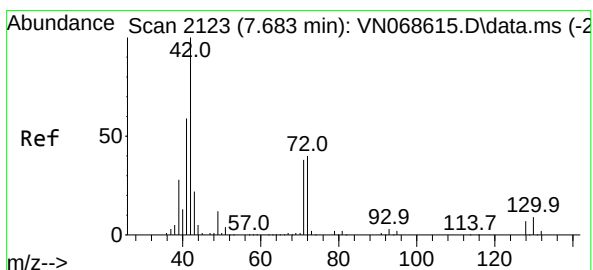
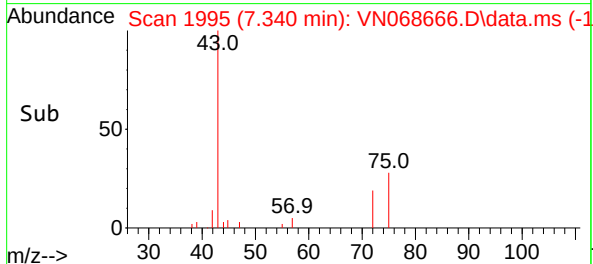
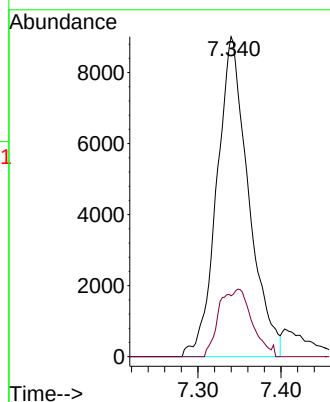
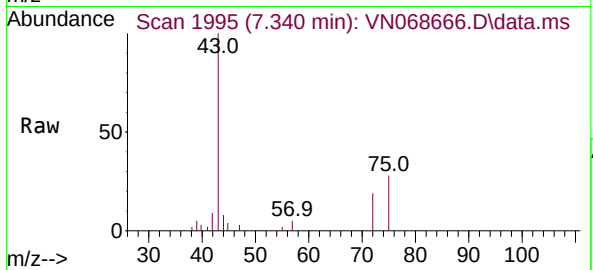




#25
2-Butanone
Concen: 3.920 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

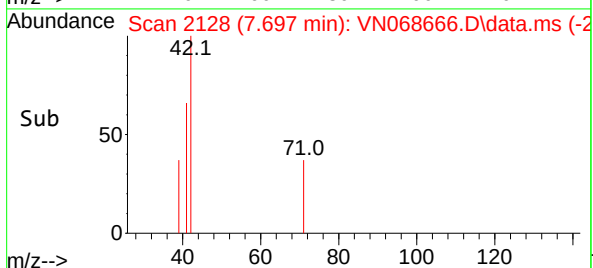
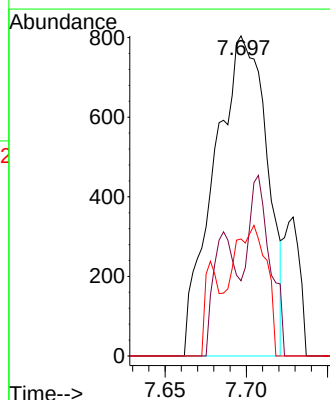
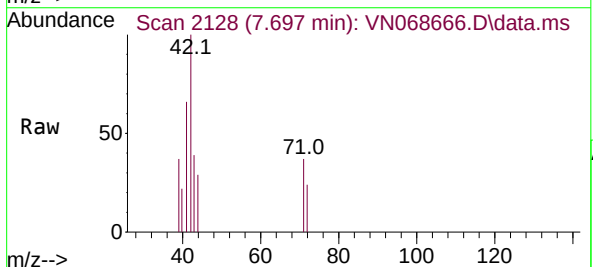
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

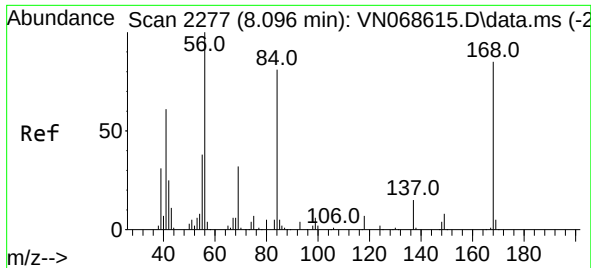
Tgt Ion: 43 Resp: 23825
Ion Ratio Lower Upper
43 100
72 19.1 19.7 29.5#



#29
Tetrahydrofuran
Concen: 0.470 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.014 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion: 42 Resp: 1817
Ion Ratio Lower Upper
42 100
72 23.6 32.8 49.2#
71 25.4 31.2 46.8#

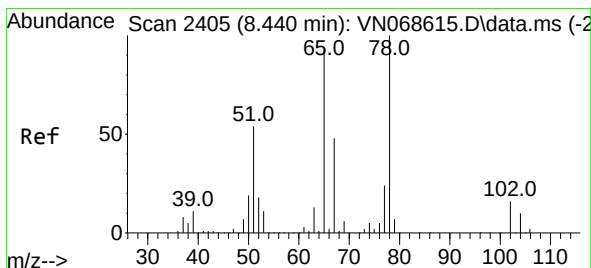
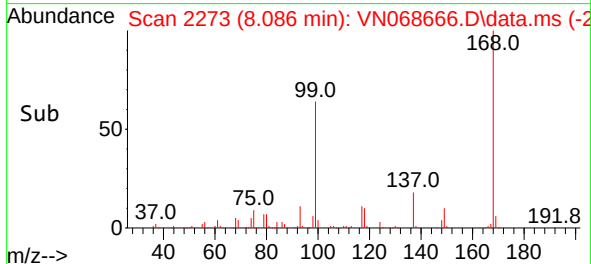
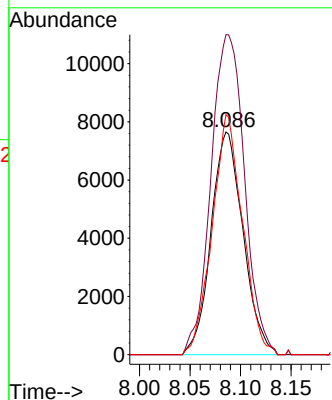
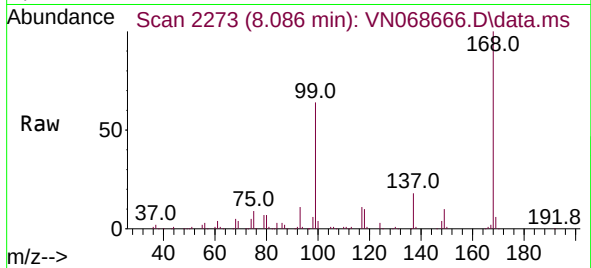




#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

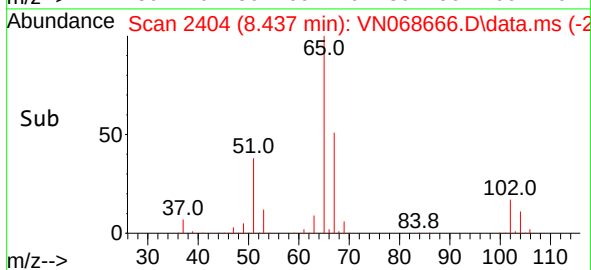
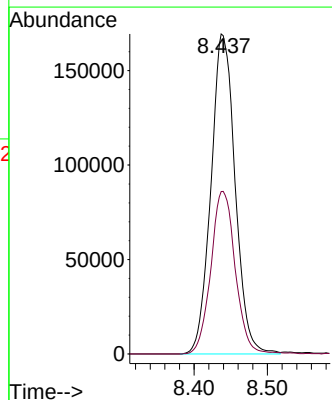
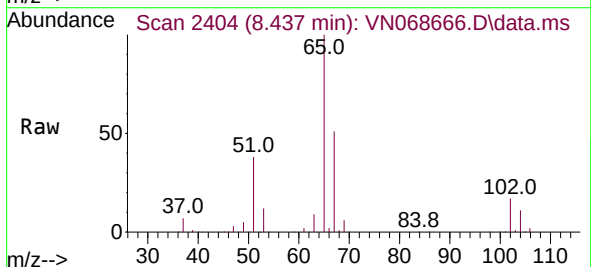
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

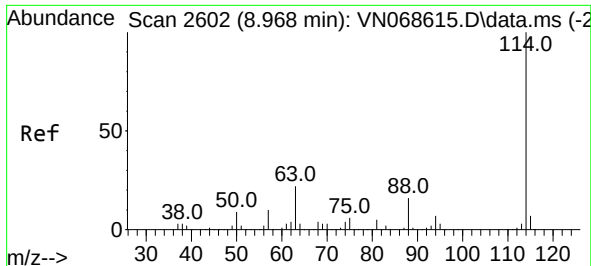
Tgt Ion:	56	Resp:	16881
Ion	Ratio	Lower	Upper
56	100		
69	143.6	27.3	40.9#
84	107.8	64.9	97.3#



#33
1,2-Dichloroethane-d4
Concen: 38.684 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion:	65	Resp:	388216
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	98.6

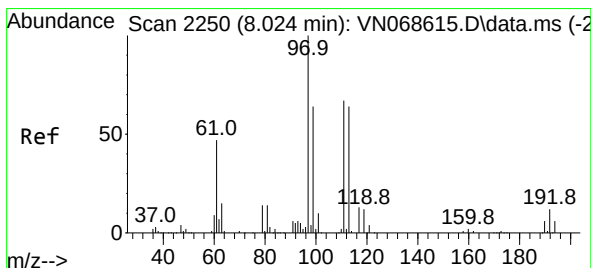
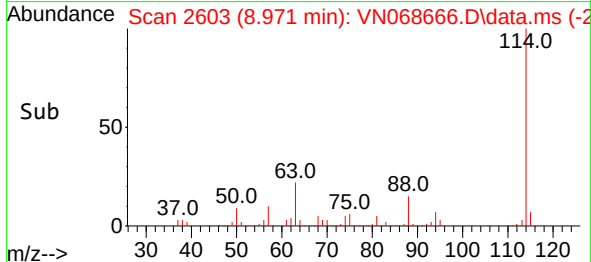
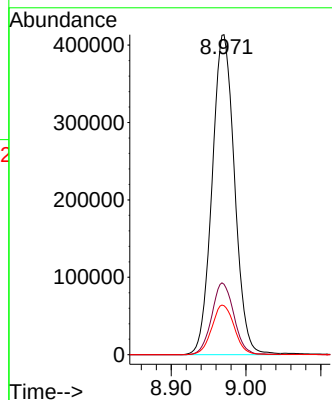
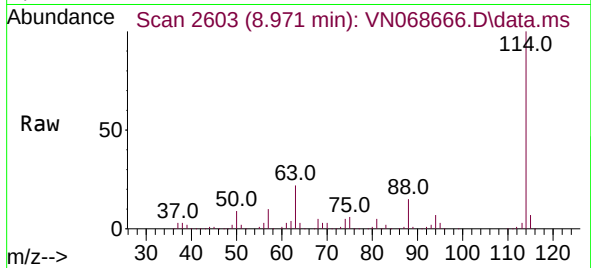




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

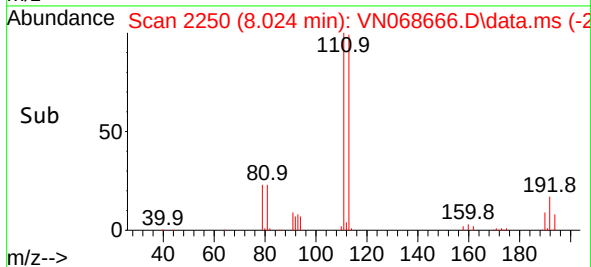
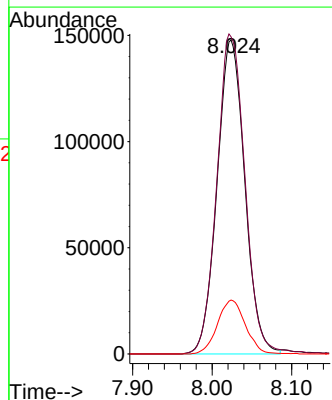
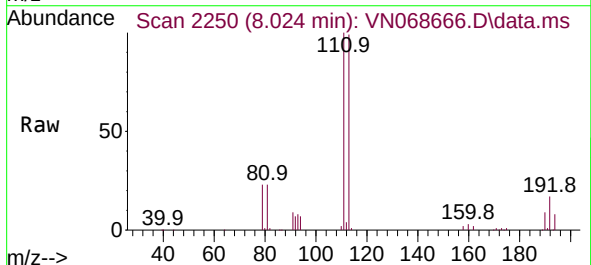
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

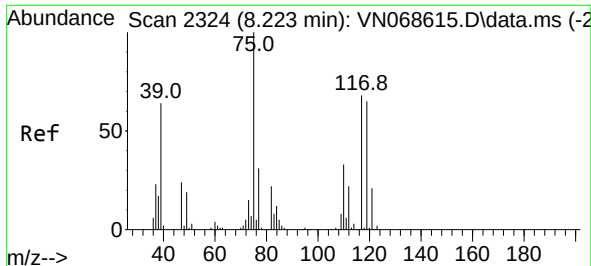
Tgt Ion:114 Resp: 861189
Ion Ratio Lower Upper
114 100
63 22.0 0.0 49.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 62.246 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion:113 Resp: 357618
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 17.3 13.4 20.0

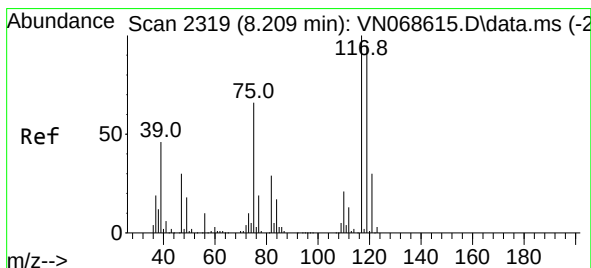
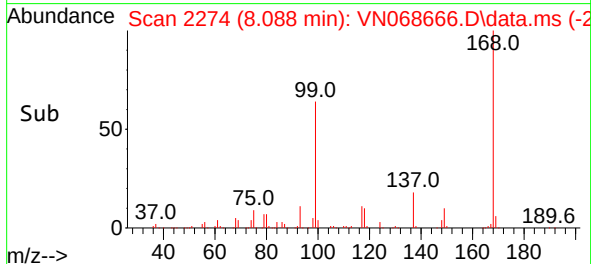
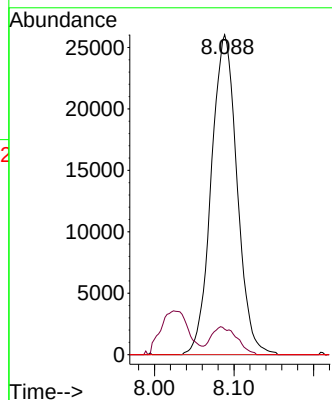
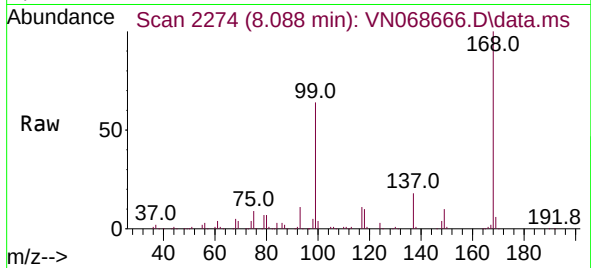




#36
1,1-Dichloropropene
Concen: 6.741 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

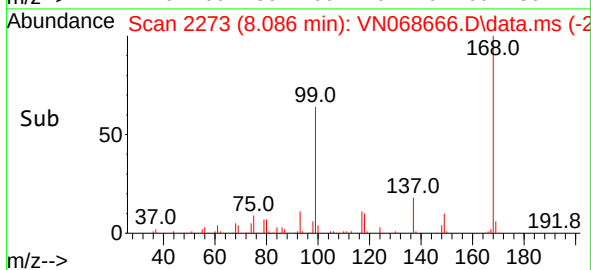
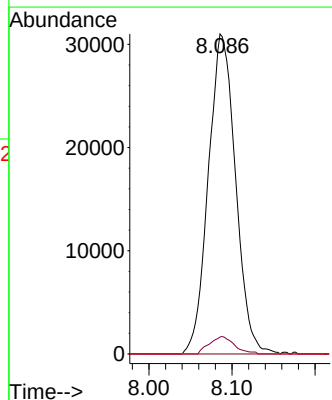
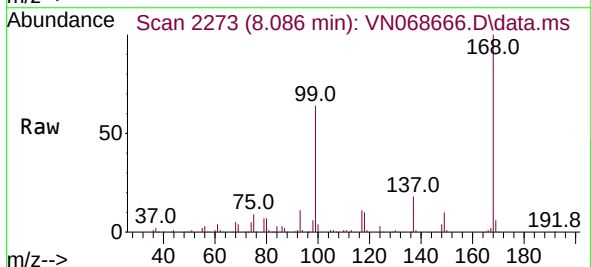
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

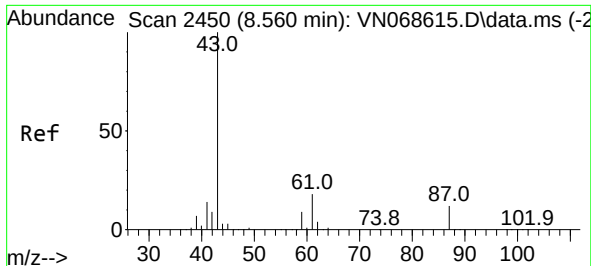
Tgt Ion: 75 Resp: 58628
Ion Ratio Lower Upper
75 100
110 8.8 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 7.861 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion: 117 Resp: 70616
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 23.5 35.3#

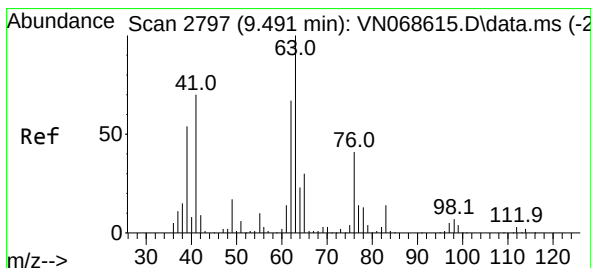
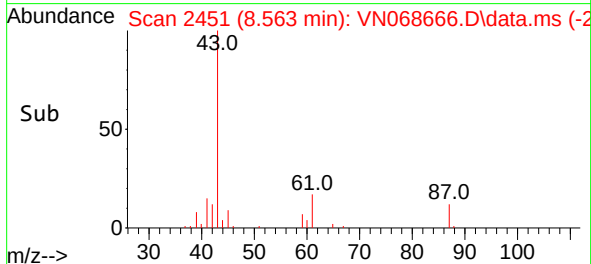
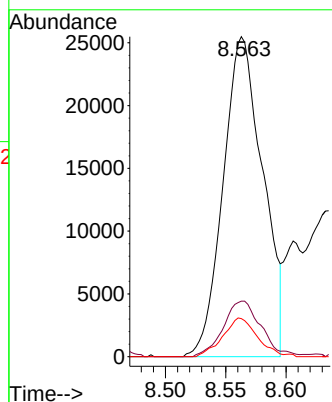
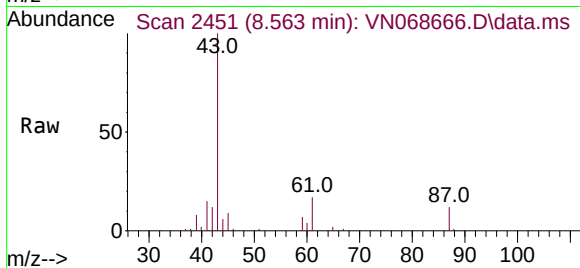




#43
Isopropyl Acetate
Concen: 3.453 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

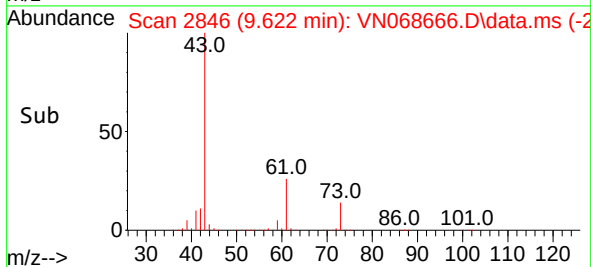
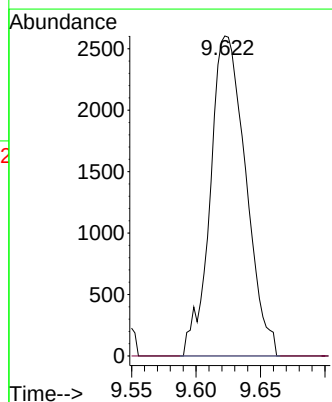
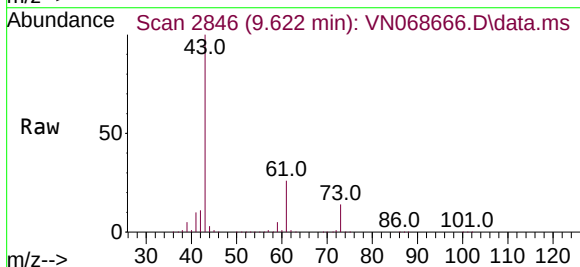
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

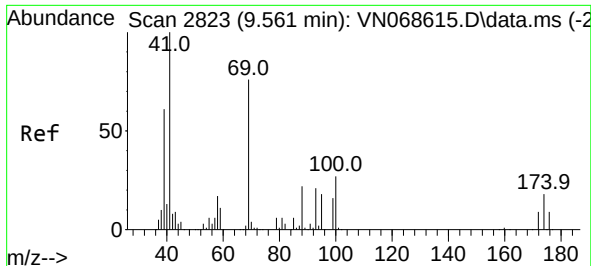
Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.6	19.0	28.4#
87	10.4	9.5	14.3



#45
1,2-Dichloropropane
Concen: 0.741 ug/l
RT: 9.622 min Scan# 2846
Delta R.T. 0.131 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

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

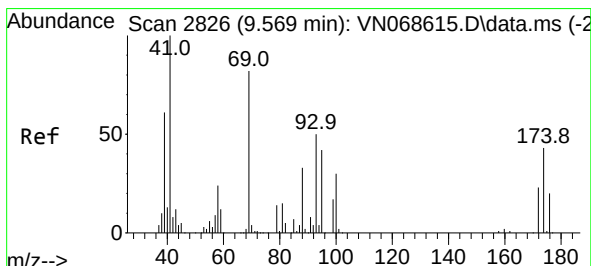
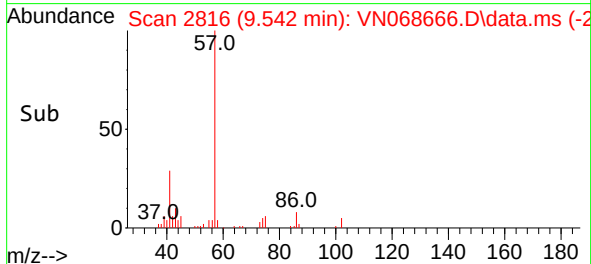
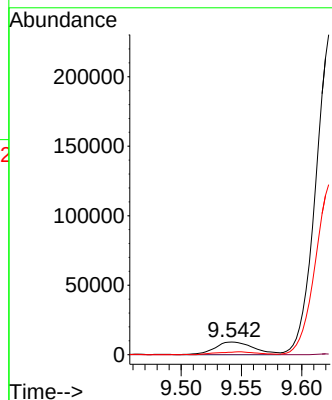
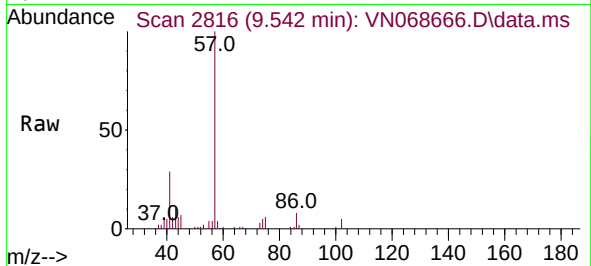




#48
Methyl methacrylate
Concen: 2.683 ug/l
RT: 9.542 min Scan# 2816
Delta R.T. -0.019 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

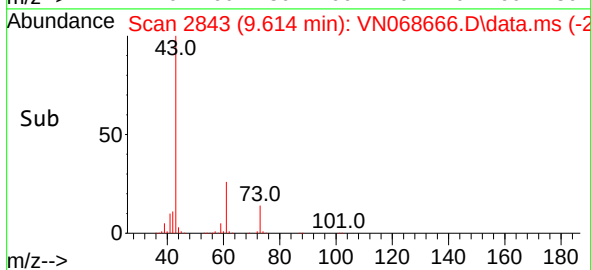
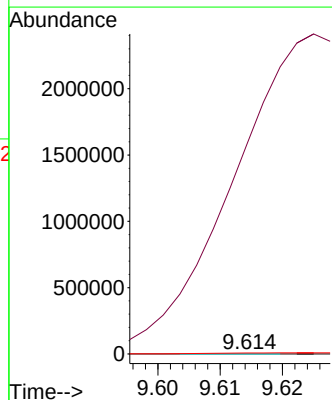
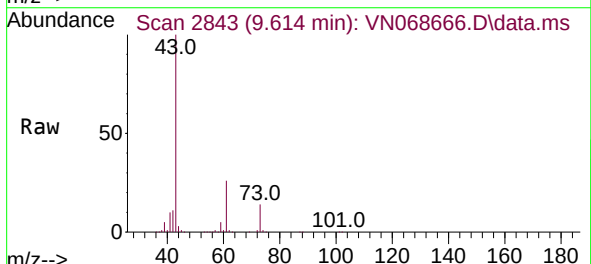
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

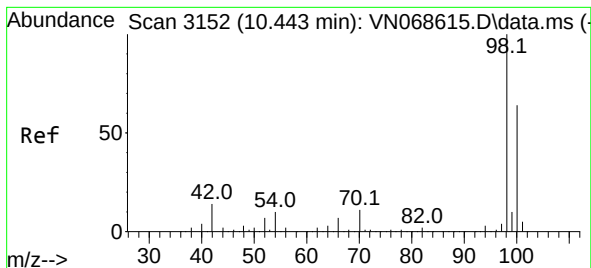
Tgt Ion: 41 Resp: 20704
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#



#49
1,4-Dioxane
Concen: 1.653 ug/l
RT: 9.614 min Scan# 2843
Delta R.T. 0.045 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion: 88 Resp: 186
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 0.0 60.4 90.6#

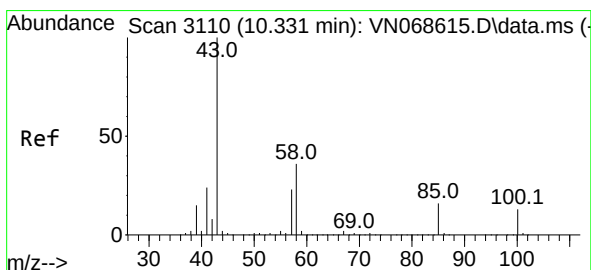
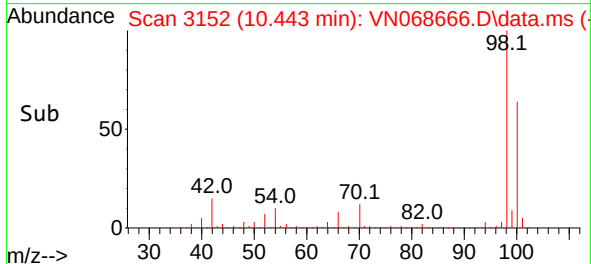
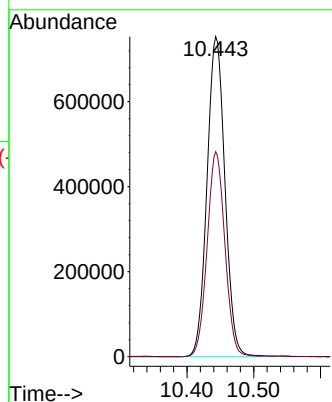
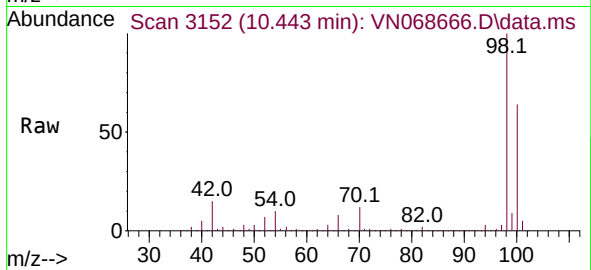




#50
Toluene-d8
Concen: 57.517 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

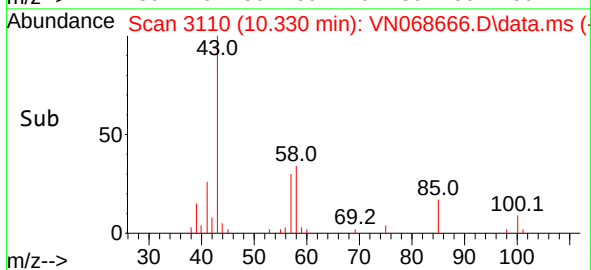
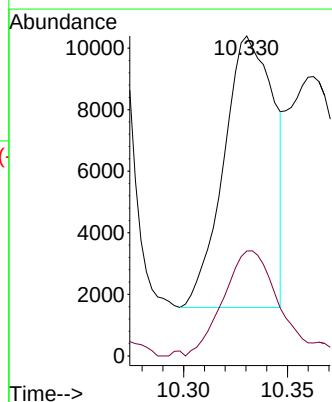
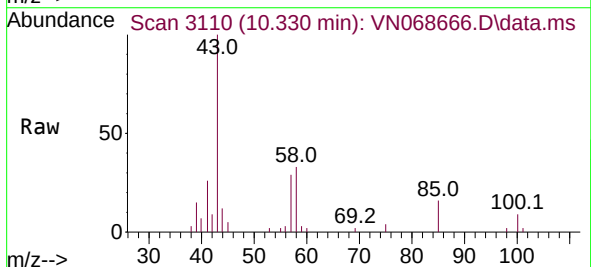
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

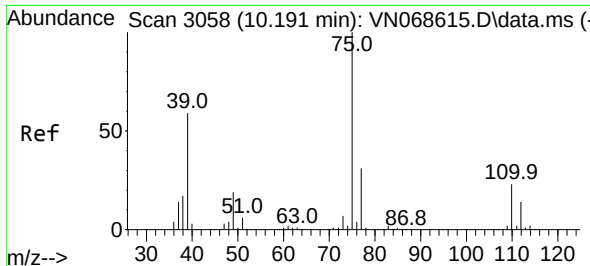
Tgt Ion: 98 Resp: 1404799
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.447 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion: 43 Resp: 14785
Ion Ratio Lower Upper
43 100
58 43.2 28.6 43.0#

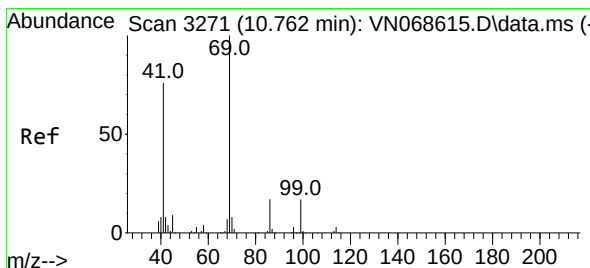
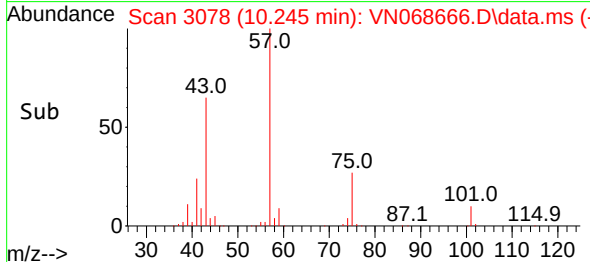
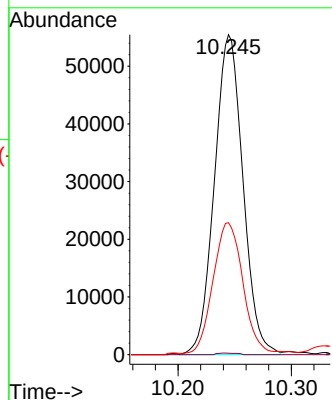
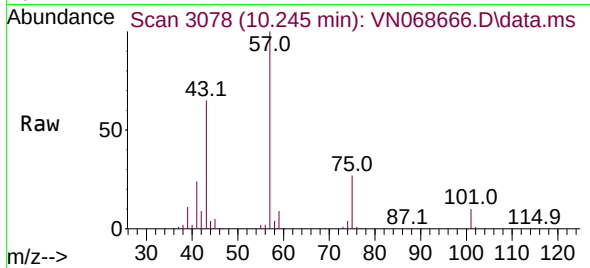




#54
 cis-1,3-Dichloropropene
 Concen: 9.129 ug/l
 RT: 10.245 min Scan# 3078
 Delta R.T. 0.054 min
 Lab File: VN068666.D
 Acq: 25 Sep 2021 14:38

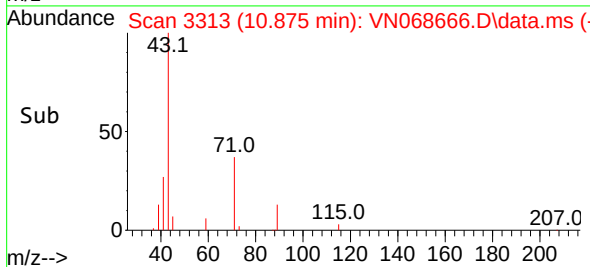
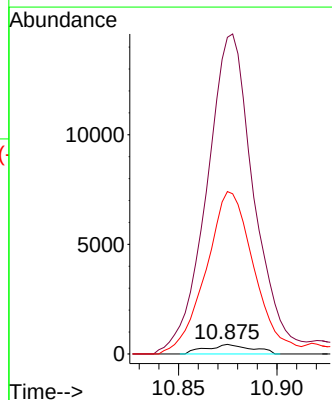
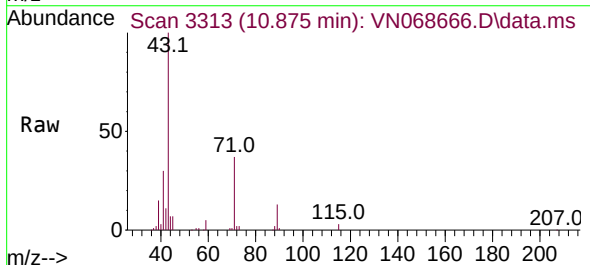
Instrument :
 MSVOA_N
 ClientSampleId :
 PB139230ZHE#02

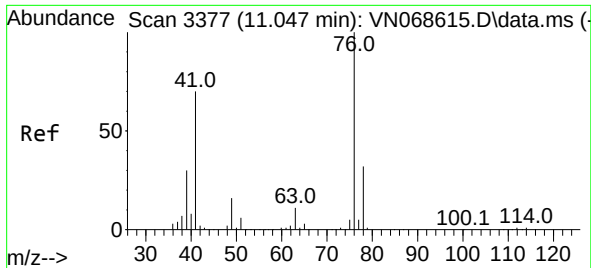
Tgt Ion: 75 Resp: 96949
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.6 37.0#
 39 40.9 50.7 76.1#



#56
 Ethyl methacrylate
 Concen: 0.767 ug/l
 RT: 10.875 min Scan# 3313
 Delta R.T. 0.113 min
 Lab File: VN068666.D
 Acq: 25 Sep 2021 14:38

Tgt Ion: 69 Resp: 698
 Ion Ratio Lower Upper
 69 100
 41 3487.7 58.6 88.0#
 39 1800.9 38.3 57.5#

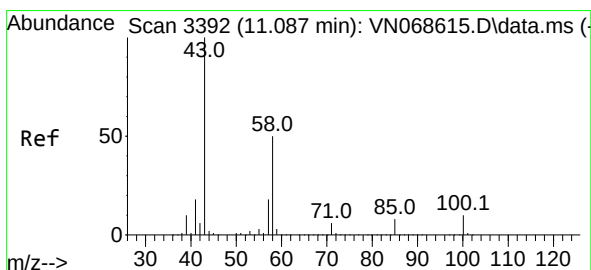
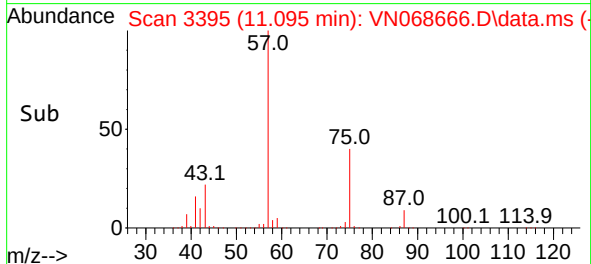
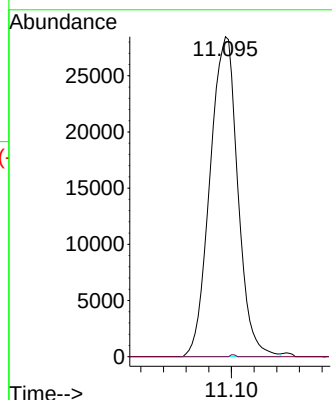
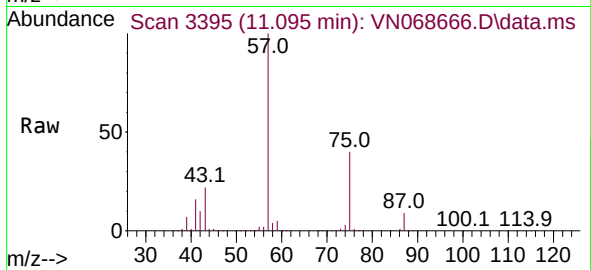




#57
1,3-Dichloropropane
Concen: 4.432 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.048 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

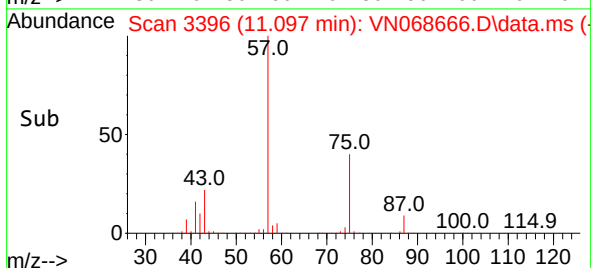
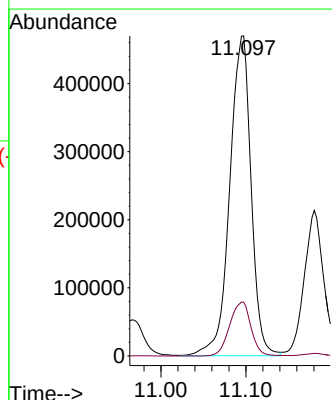
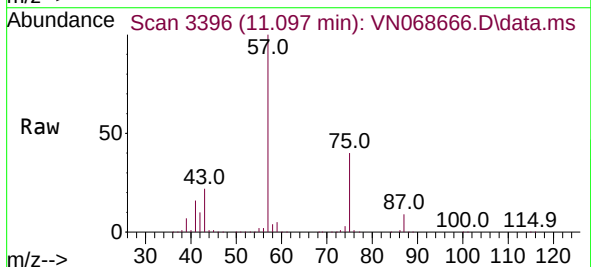
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

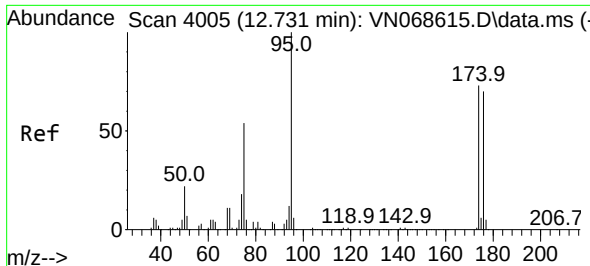
Tgt Ion: 76 Resp: 48524
Ion Ratio Lower Upper
76 100
78 0.1 25.7 38.5#



#59
2-Hexanone
Concen: 111.900 ug/l
RT: 11.097 min Scan# 3396
Delta R.T. 0.010 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion: 43 Resp: 822032
Ion Ratio Lower Upper
43 100
58 16.9 24.7 74.1#

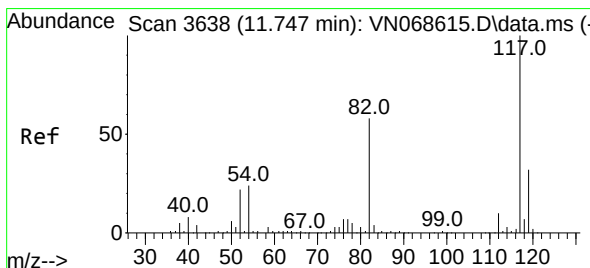
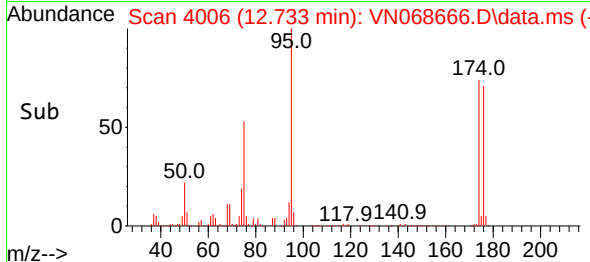
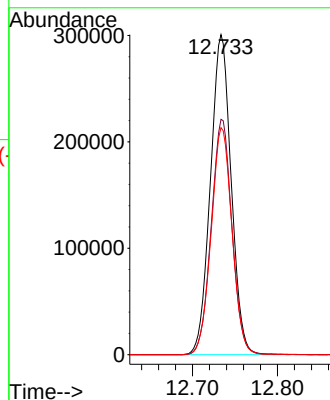
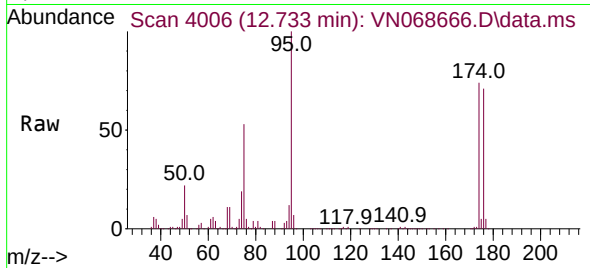




#62
4-Bromofluorobenzene
Concen: 61.037 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

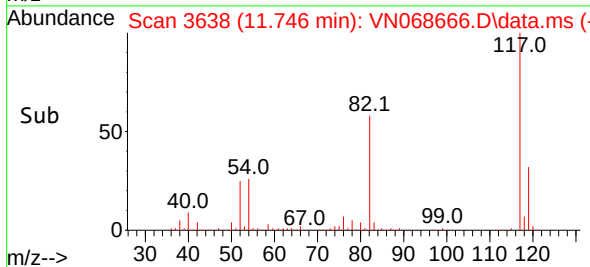
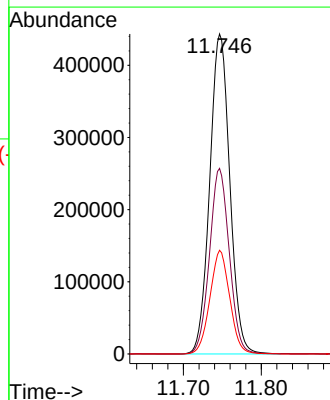
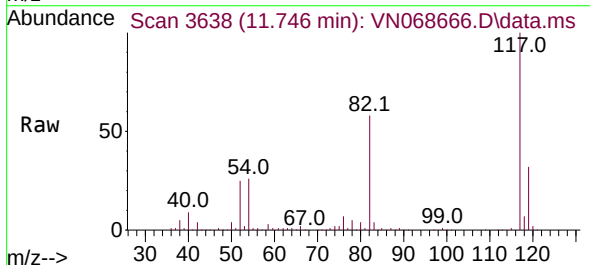
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

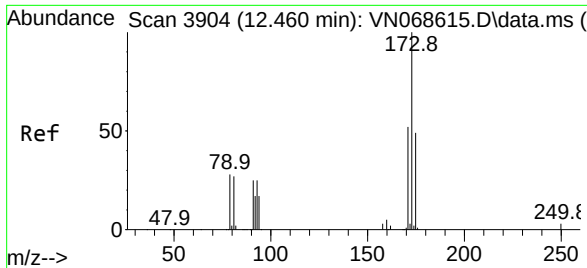
Tgt Ion: 95 Resp: 509845
Ion Ratio Lower Upper
95 100
174 73.5 0.0 122.0
176 71.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion: 117 Resp: 794017
Ion Ratio Lower Upper
117 100
82 58.0 53.1 79.7
119 32.4 25.5 38.3

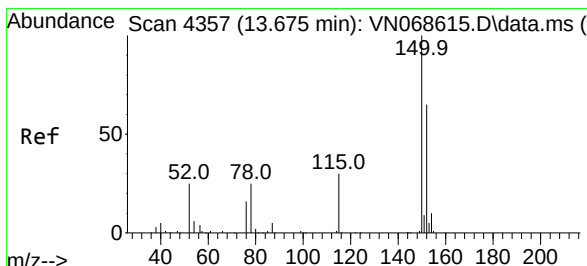
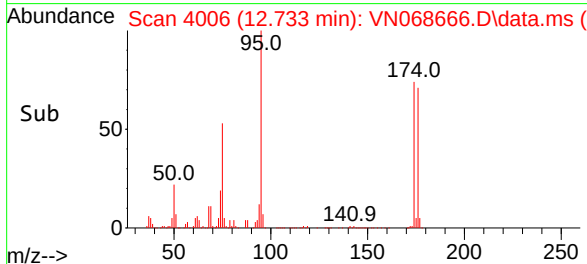
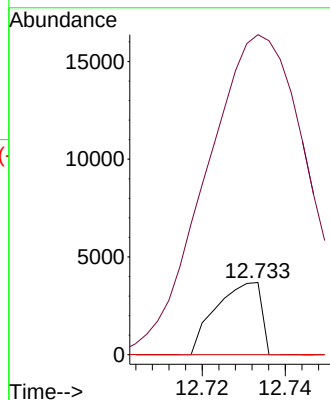
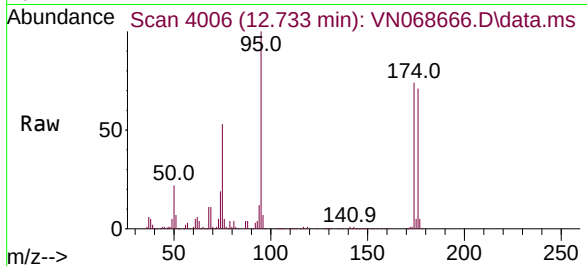




#71
Bromoform
Concen: 0.608 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.273 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

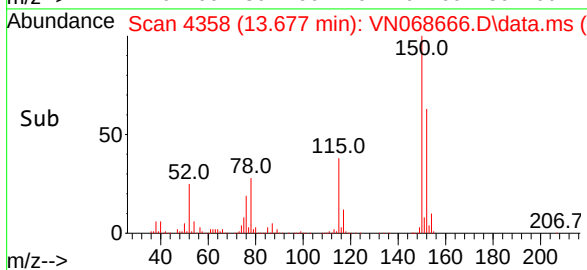
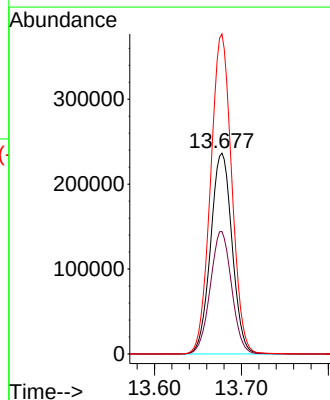
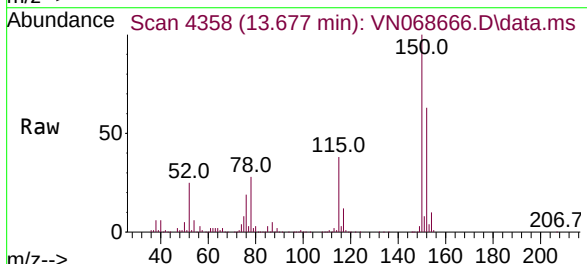
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

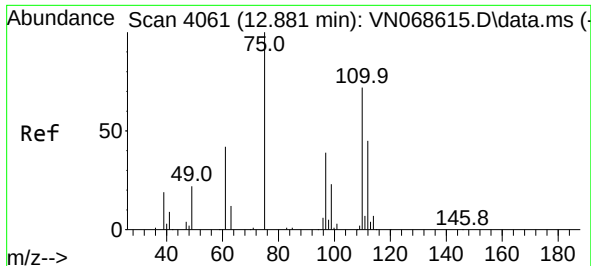
Tgt Ion:173 Resp: 2807
Ion Ratio Lower Upper
173 100
175 950.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion:152 Resp: 406973
Ion Ratio Lower Upper
152 100
115 60.6 36.1 108.5
150 156.6 0.0 351.8

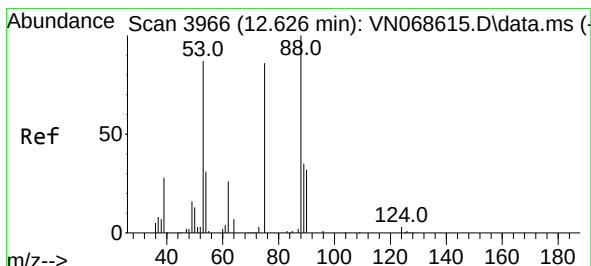
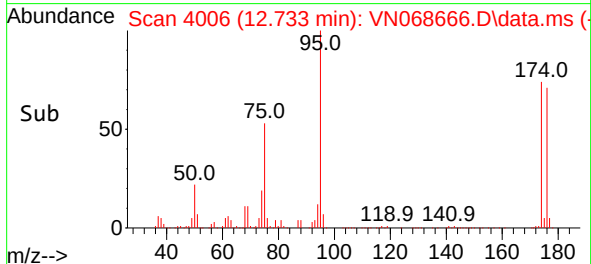
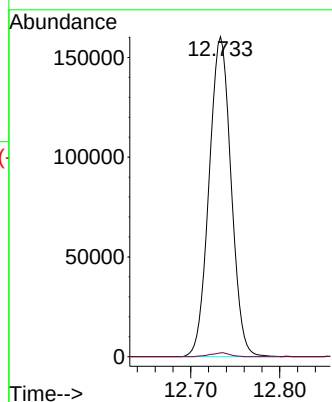
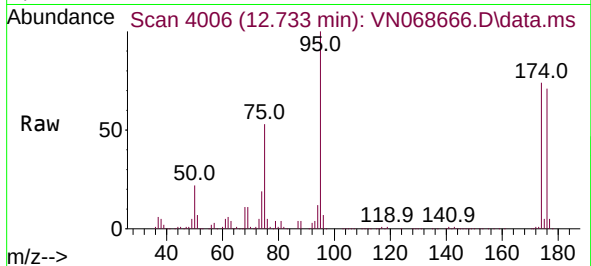




#76
1,2,3-Trichloropropane
Concen: 27.357 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

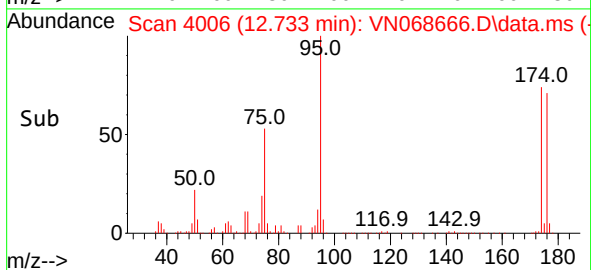
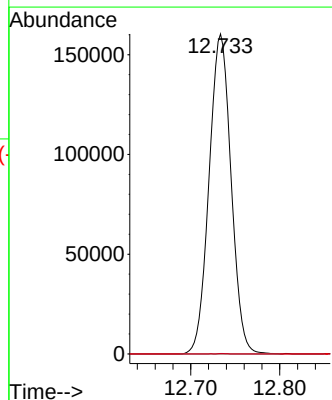
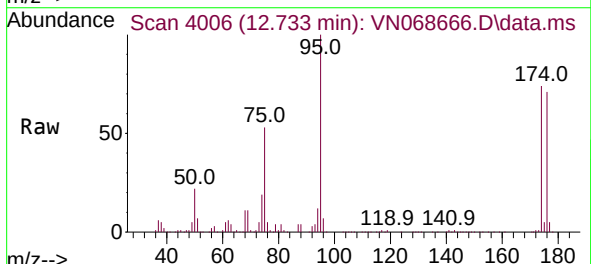
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

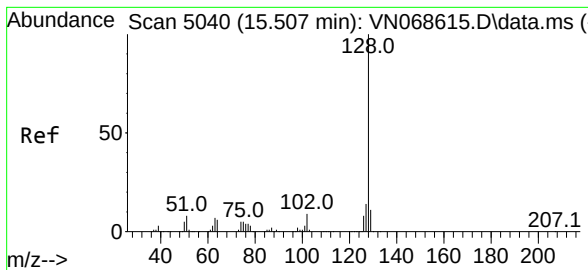
Tgt Ion: 75 Resp: 275285
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.276 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Tgt Ion: 75 Resp: 275285
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.838 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068666.D
Acq: 25 Sep 2021 14:38

Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#02

Tgt Ion:	128	Resp:	4878
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	6.4	8.6	12.8#

