

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068665.D
 Acq On : 25 Sep 2021 14:13
 Operator : JC/MD
 Sample : PB139230ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB139230ZHE#01

Quant Time: Sep 27 04:43:21 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

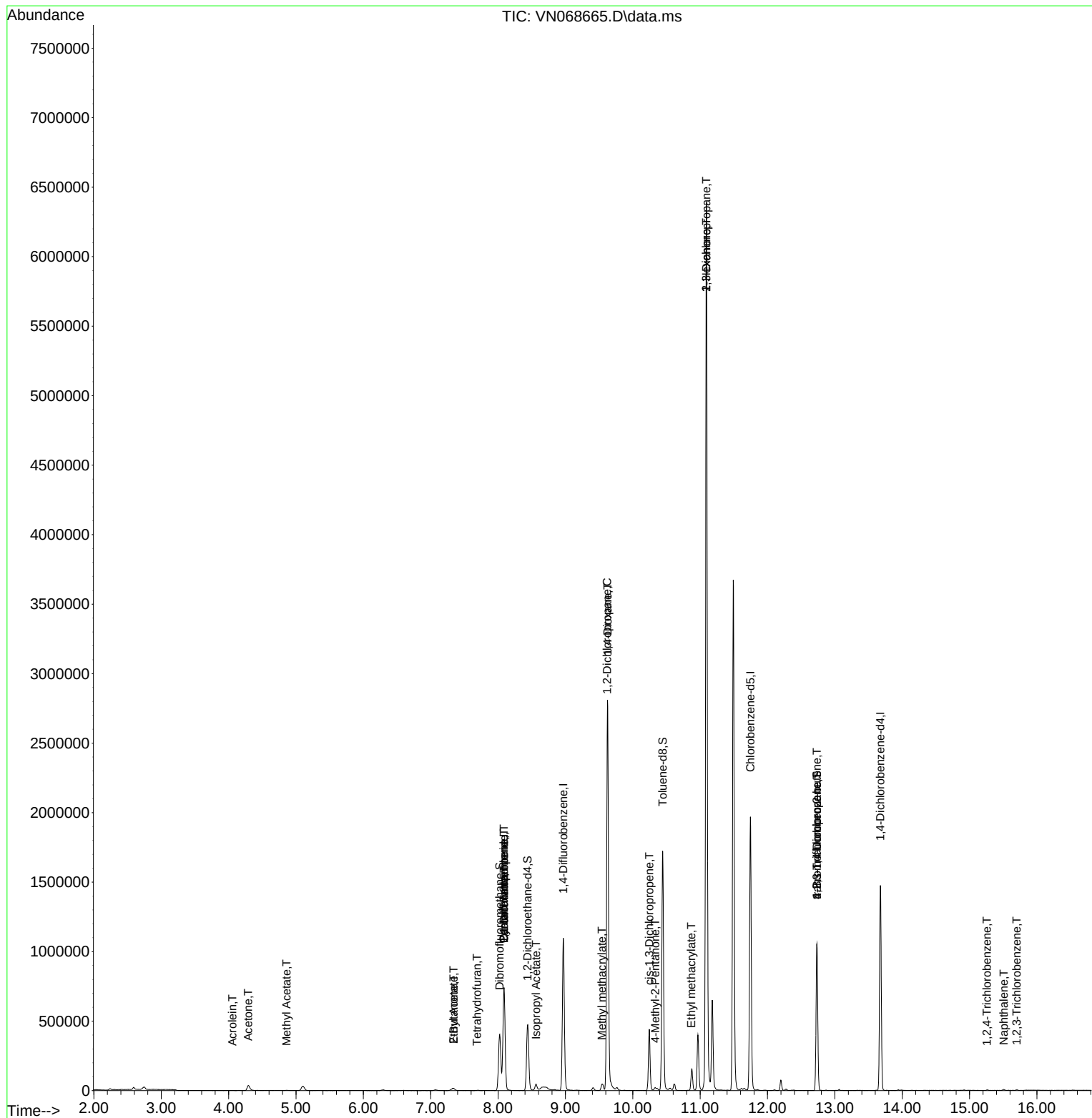
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	562534	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	919246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1077970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	383335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	395936	44.984	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.960%
35) Dibromofluoromethane	8.021	113	299546	48.654	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.300%
50) Toluene-d8	10.443	98	1161542	44.554	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.100%
62) 4-Bromofluorobenzene	12.734	95	356376	39.970	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	79.940%
Target Compounds						
					Qvalue	
5) Bromomethane	2.845	94	170	Below Cal	#	4
6) Chloroethane	2.928	64	443	Below Cal	#	44
13) Acrolein	4.055	56	196	7.274	ug/l #	14
16) Acetone	4.291	43	70109	11.045	ug/l	99
18) Methyl Acetate	4.859	43	3106	0.240	ug/l #	90
20) Methylene Chloride	5.090	84	9230	Below Cal		91
25) 2-Butanone	7.340	43	23905	4.465	ug/l	95
29) Tetrahydrofuran	7.686	42	819	0.241	ug/l #	57
31) Cyclohexane	8.088	56	13774	1.118	ug/l #	6
36) 1,1-Dichloropropene	8.088	75	45102	4.858	ug/l #	52
37) Ethyl Acetate	7.340	43	23905	2.268	ug/l #	69
38) Carbon Tetrachloride	8.088	117	57818	6.030	ug/l #	16
43) Isopropyl Acetate	8.563	43	53128	2.947	ug/l #	91
45) 1,2-Dichloropropane	9.620	63	3410	0.475	ug/l #	44
48) Methyl methacrylate	9.542	41	13028	1.582	ug/l #	12
49) 1,4-Dioxane	9.625	88	218	1.815	ug/l #	1
51) 4-Methyl-2-Pentanone	10.333	43	11741	1.077	ug/l	90
54) cis-1,3-Dichloropropene	10.245	75	70001	6.175	ug/l #	67
56) Ethyl methacrylate	10.870	69	731	0.766	ug/l #	1
57) 1,3-Dichloropropane	11.092	76	62688	5.364	ug/l #	43
59) 2-Hexanone	11.092	43	1072307	136.750	ug/l #	53
76) 1,2,3-Trichloropropane	12.734	75	199847	21.085	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	199847	59.559	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.257	180	1431	0.222	ug/l #	86
95) Naphthalene	15.507	128	6170	1.920	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.700	180	1543	0.245	ug/l	90

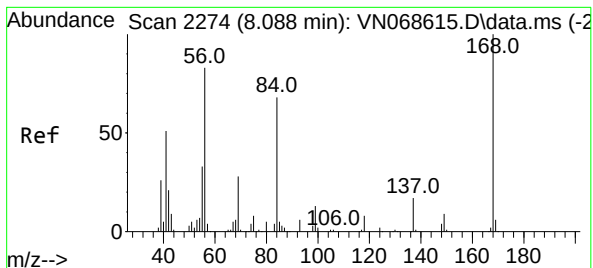
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068665.D
Acq On : 25 Sep 2021 14:13
Operator : JC/MD
Sample : PB139230ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

Quant Time: Sep 27 04:43:21 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: VN068665.D

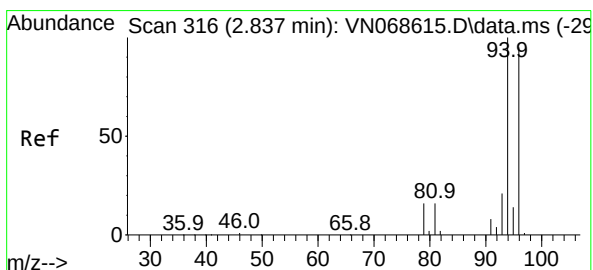
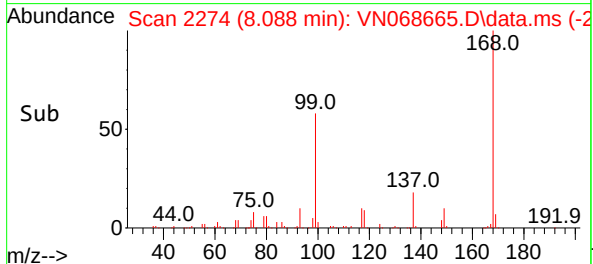
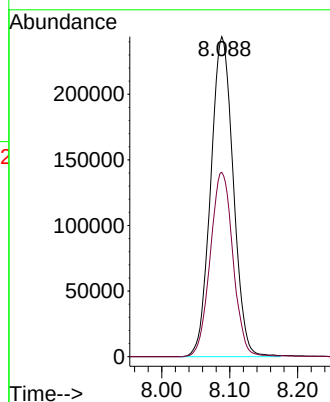
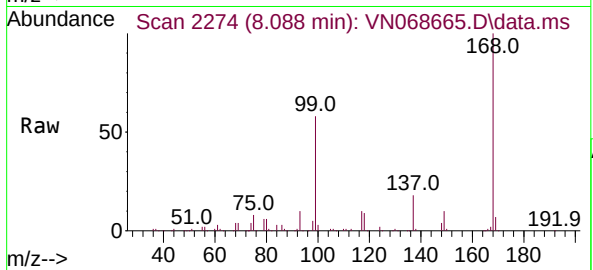
Acq: 25 Sep 2021 14:13

Tgt Ion:168 Resp: 562534

Ion Ratio Lower Upper

168 100

99 57.6 62.9 94.3#



#5

Bromomethane

Concen: Below Cal

RT: 2.845 min Scan# 319

Delta R.T. 0.008 min

Lab File: VN068665.D

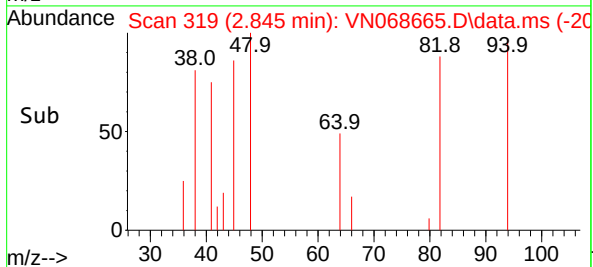
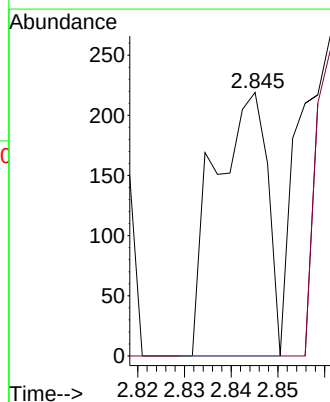
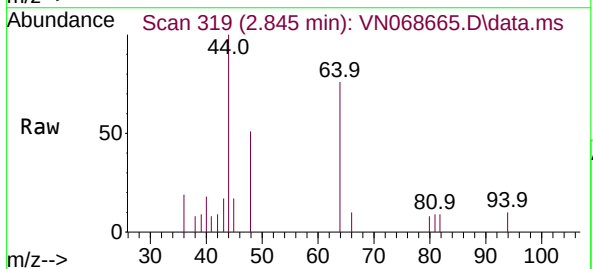
Acq: 25 Sep 2021 14:13

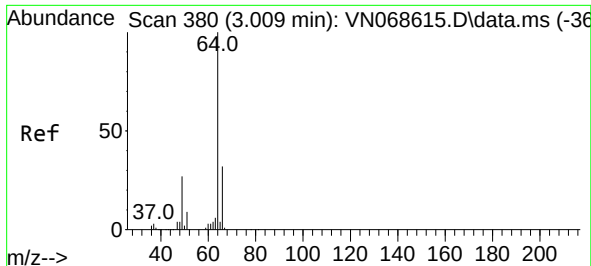
Tgt Ion: 94 Resp: 170

Ion Ratio Lower Upper

94 100

96 0.0 73.7 110.5#

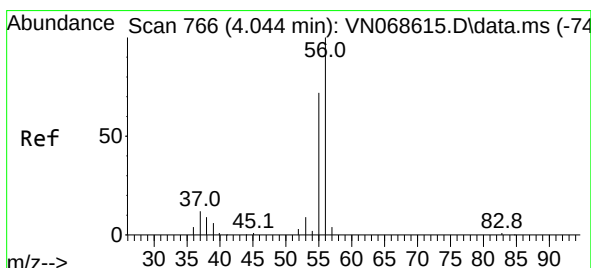
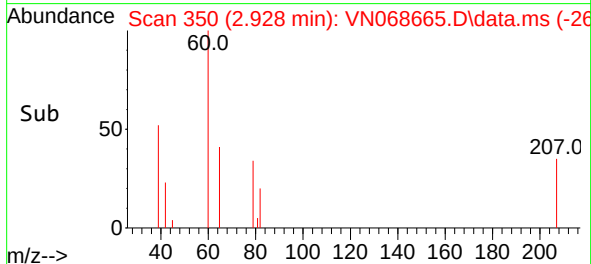
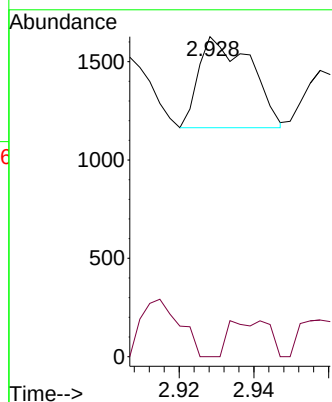
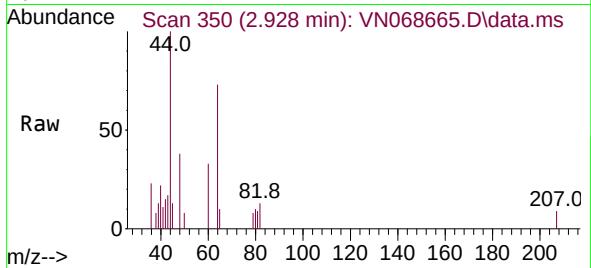




#6
Chloroethane
Concen: Below Cal
RT: 2.928 min Scan# 350
Delta R.T. -0.081 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

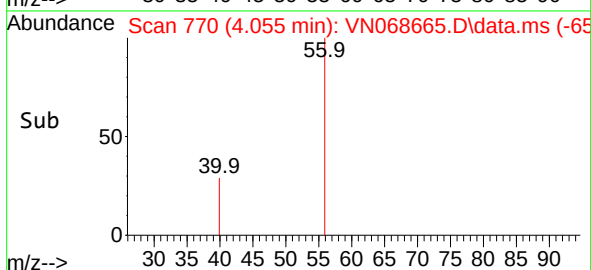
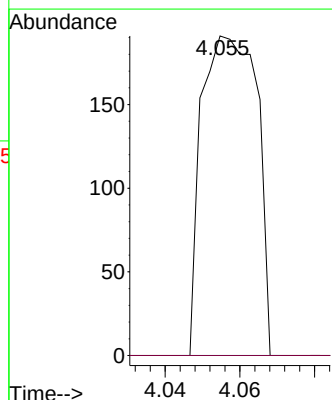
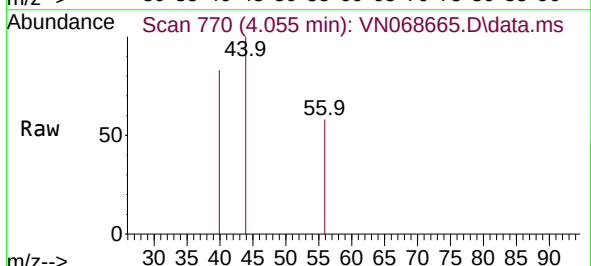
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

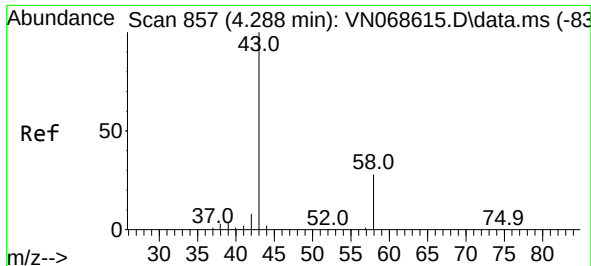
Tgt Ion: 64 Resp: 443
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: 7.274 ug/l
RT: 4.055 min Scan# 770
Delta R.T. 0.011 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

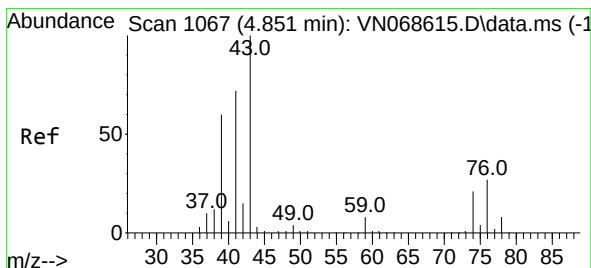
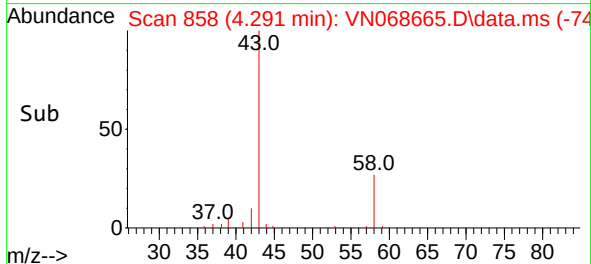
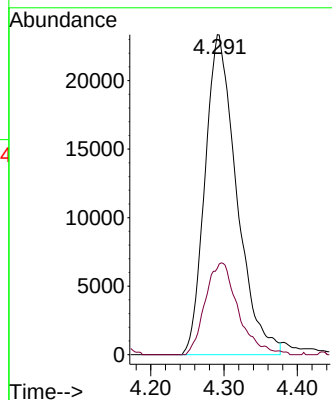
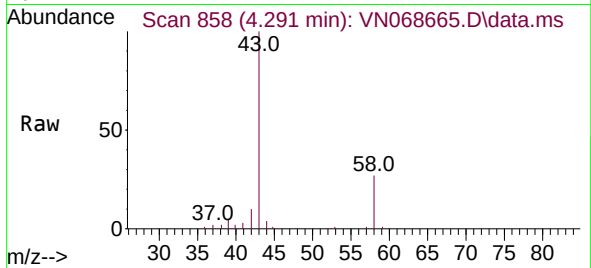




#16
Acetone
Concen: 11.045 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

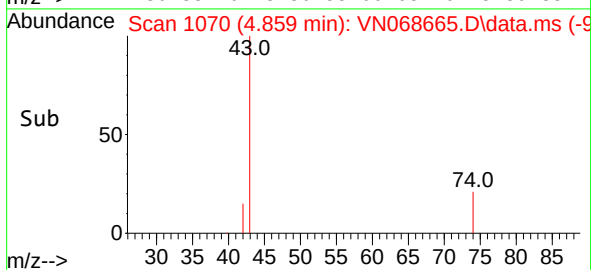
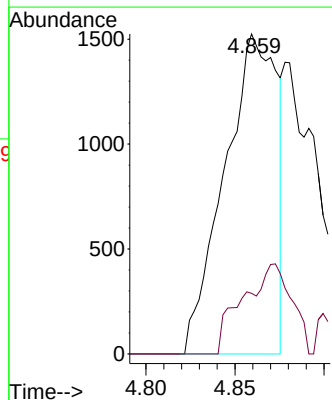
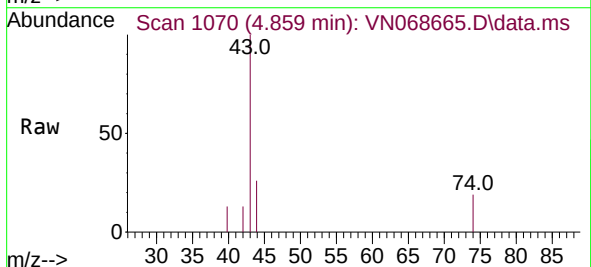
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

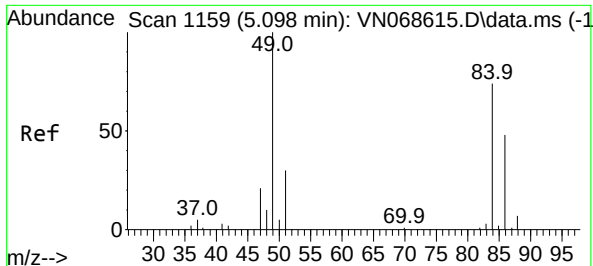
Tgt Ion: 43 Resp: 70109
Ion Ratio Lower Upper
43 100
58 27.0 21.2 31.8



#18
Methyl Acetate
Concen: 0.240 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.008 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

Tgt Ion: 43 Resp: 3106
Ion Ratio Lower Upper
43 100
74 26.3 17.4 26.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.090 min Scan# 1156

Delta R.T. -0.008 min

Lab File: VN068665.D

Acq: 25 Sep 2021 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB139230ZHE#01

Tgt Ion: 84 Resp: 9230

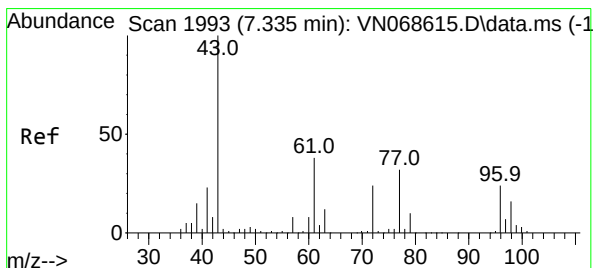
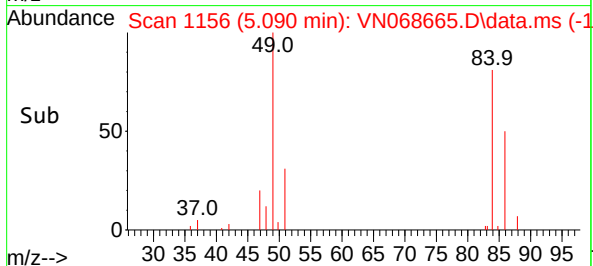
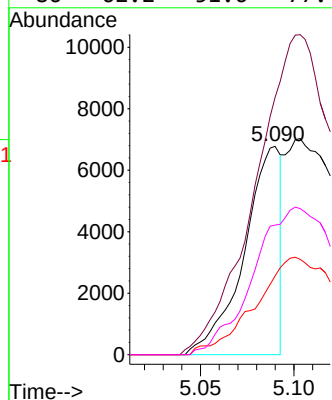
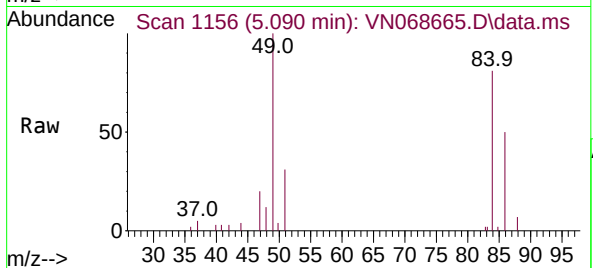
Ion Ratio Lower Upper

84 100

49 123.5 110.9 166.3

51 37.8 32.6 49.0

86 62.2 51.6 77.4



#25

2-Butanone

Concen: 4.465 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.005 min

Lab File: VN068665.D

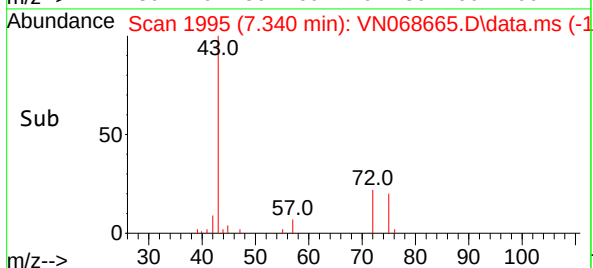
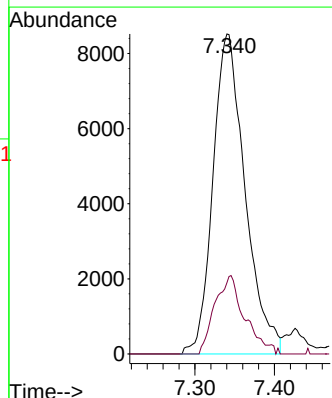
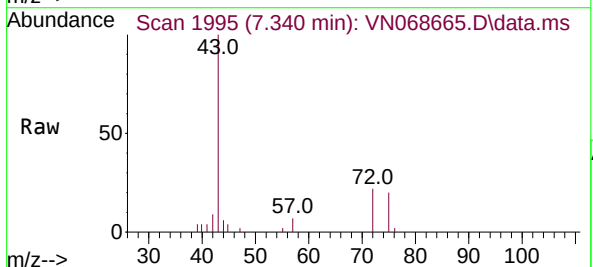
Acq: 25 Sep 2021 14:13

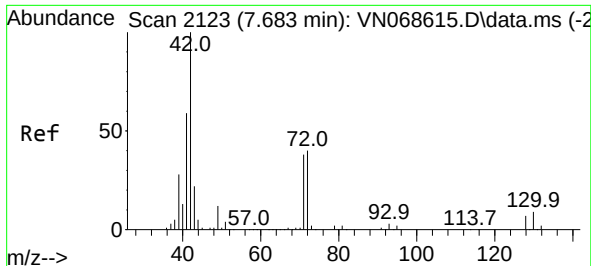
Tgt Ion: 43 Resp: 23905

Ion Ratio Lower Upper

43 100

72 22.2 19.7 29.5





#29

Tetrahydrofuran

Concen: 0.241 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN068665.D

Acq: 25 Sep 2021 14:13

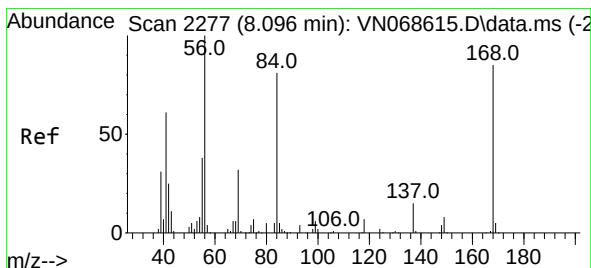
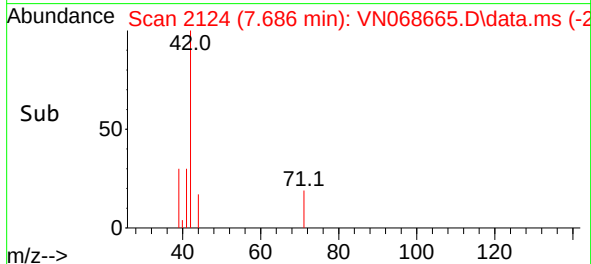
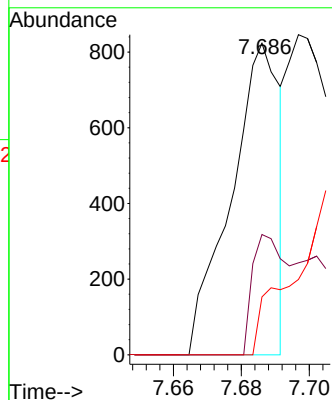
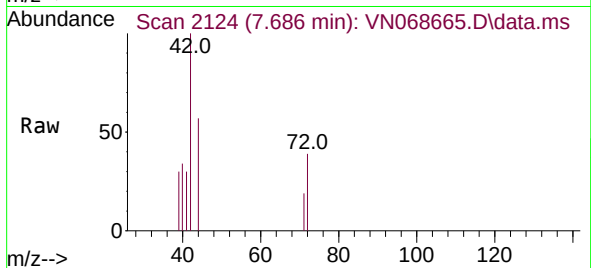
Tgt Ion: 42 Resp: 819

Ion Ratio Lower Upper

42 100

72 26.6 32.8 49.2#

71 0.0 31.2 46.8#



#31

Cyclohexane

Concen: 1.118 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.008 min

Lab File: VN068665.D

Acq: 25 Sep 2021 14:13

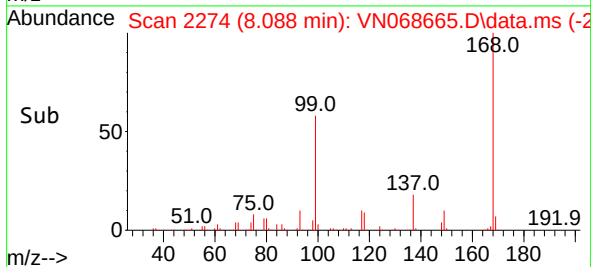
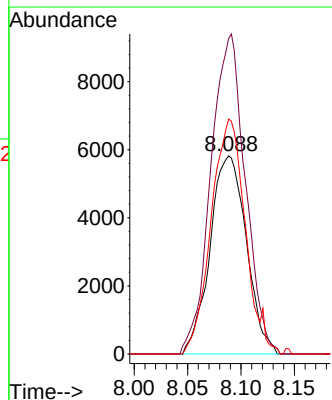
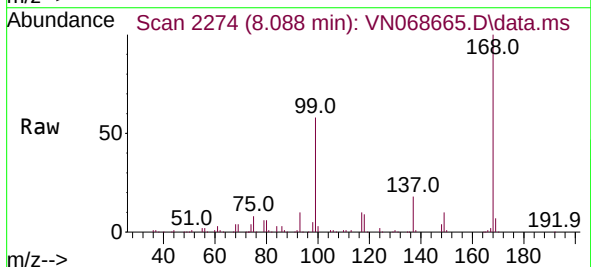
Tgt Ion: 56 Resp: 13774

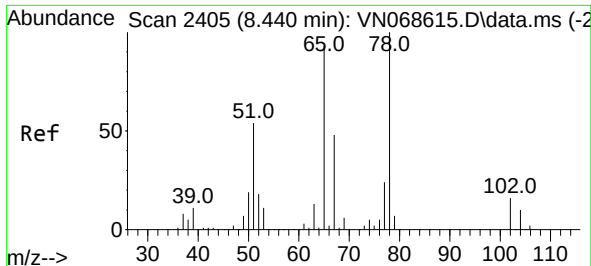
Ion Ratio Lower Upper

56 100

69 159.3 27.3 40.9#

84 118.6 64.9 97.3#

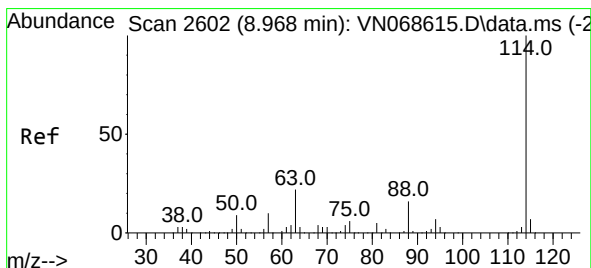
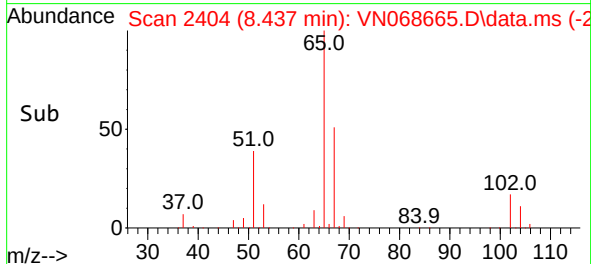
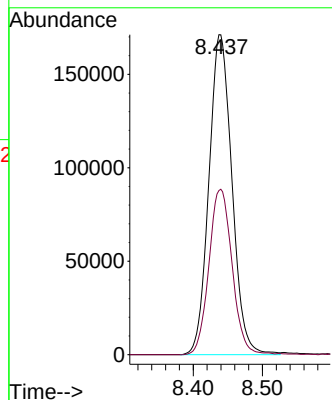
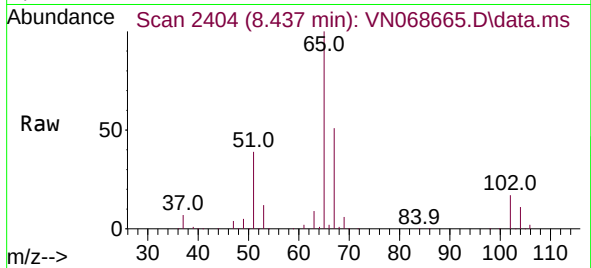




#33
 1,2-Dichloroethane-d4
 Concen: 44.984 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. -0.003 min
 Lab File: VN068665.D
 Acq: 25 Sep 2021 14:13

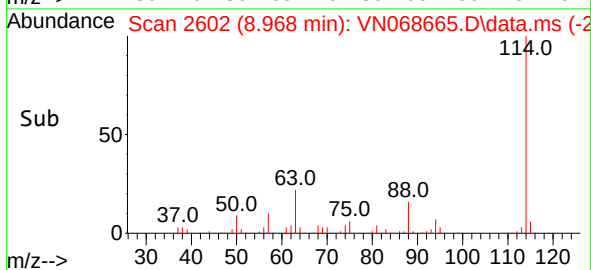
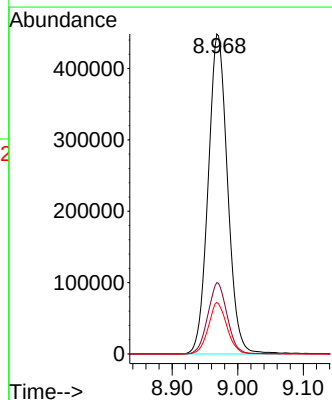
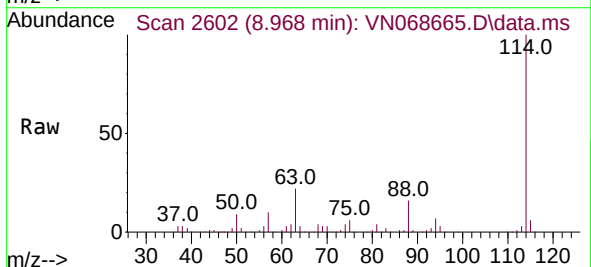
Instrument :
 MSVOA_N
 ClientSampleId :
 PB139230ZHE#01

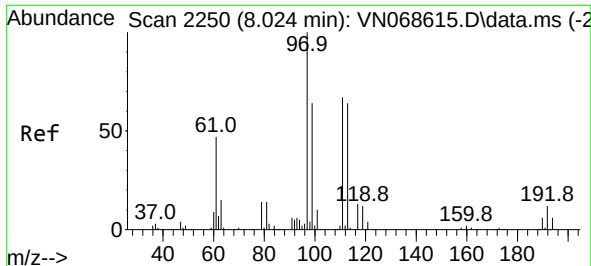
Tgt Ion: 65 Resp: 395936
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN068665.D
 Acq: 25 Sep 2021 14:13

Tgt Ion: 114 Resp: 919246
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 49.0
 88 16.1 0.0 36.6

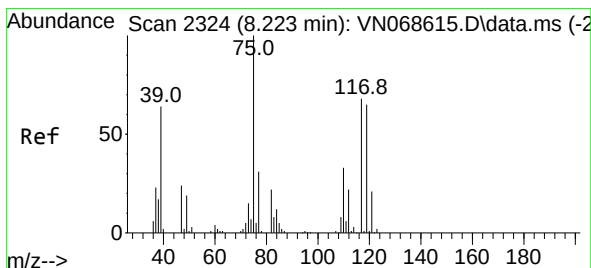
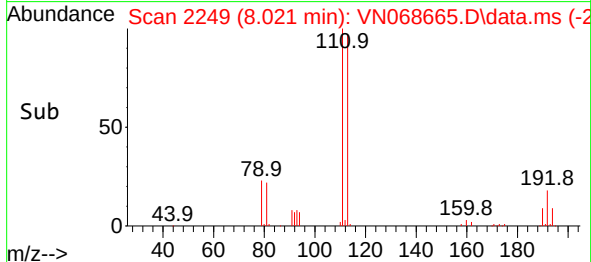
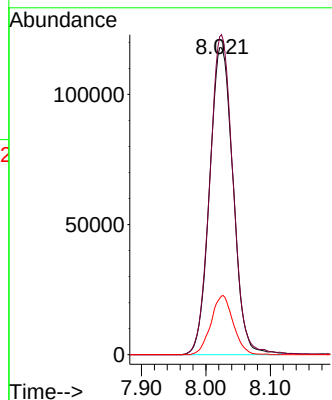
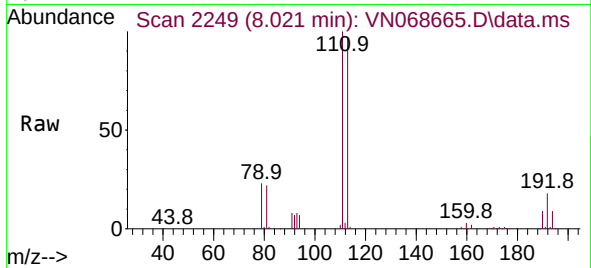




#35
Dibromofluoromethane
Concen: 48.654 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

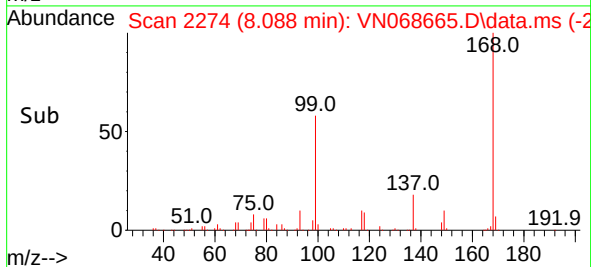
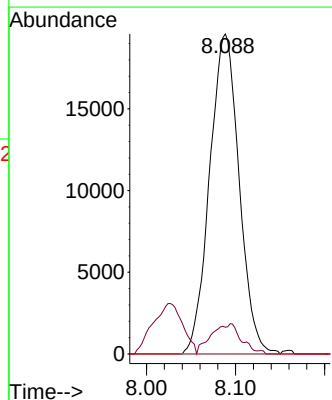
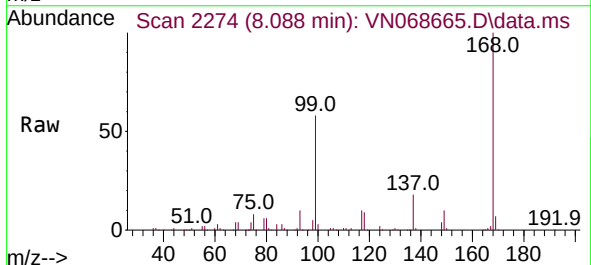
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

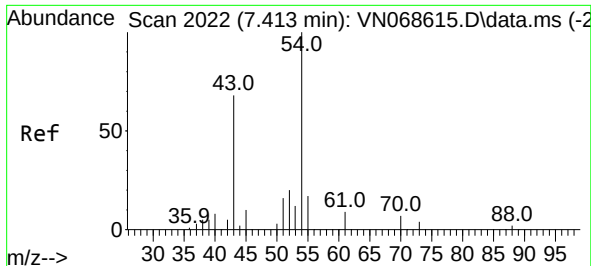
Tgt Ion:113 Resp: 299546
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.8
192 18.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

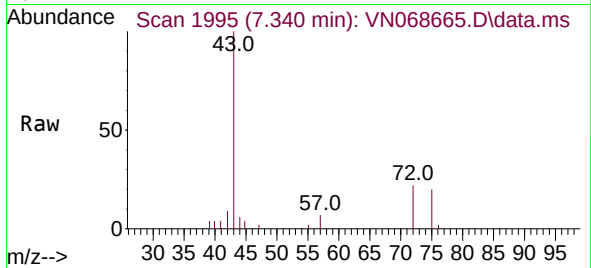
Tgt Ion: 75 Resp: 45102
Ion Ratio Lower Upper
75 100
110 9.7 15.7 47.0#
77 0.0 24.6 37.0#



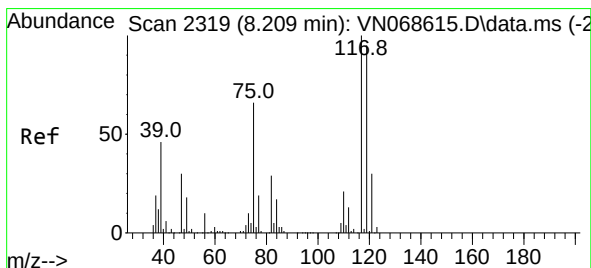
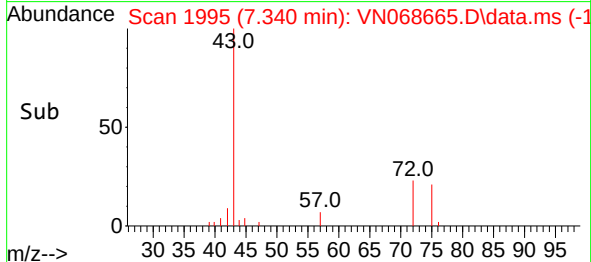
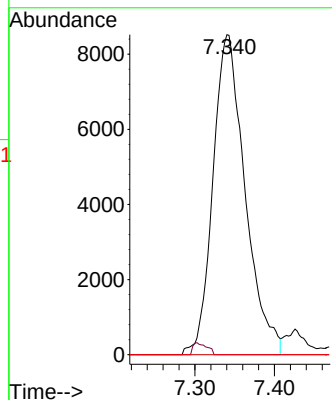


#37
Ethyl Acetate
Concen: 2.268 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. -0.073 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

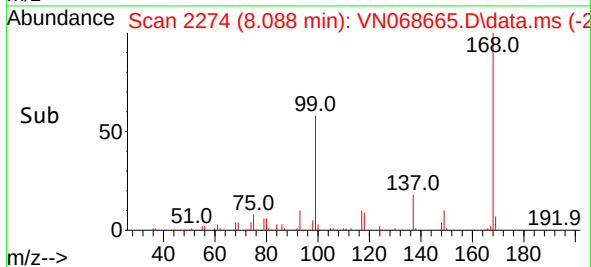
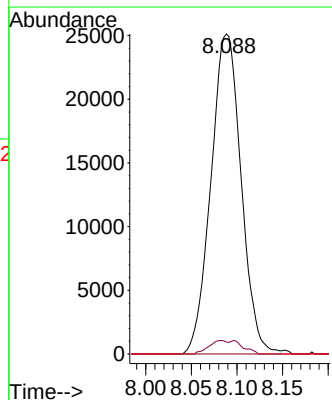
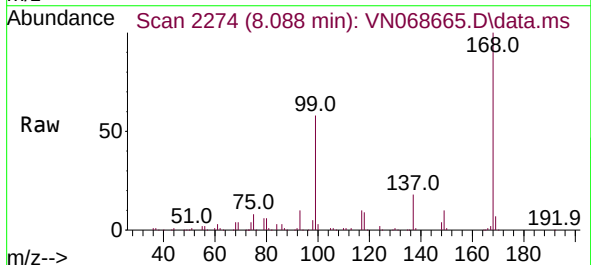


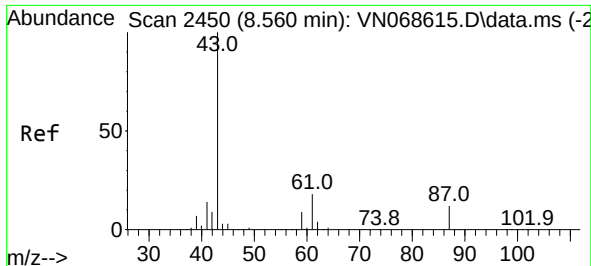
Tgt Ion:	43	Resp:	23905
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.1	12.1#



#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

Tgt Ion:	117	Resp:	57818
Ion	Ratio	Lower	Upper
117	100		
119	3.7	75.4	113.2#
121	0.0	23.5	35.3#

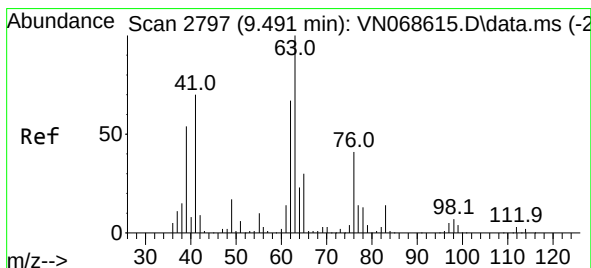
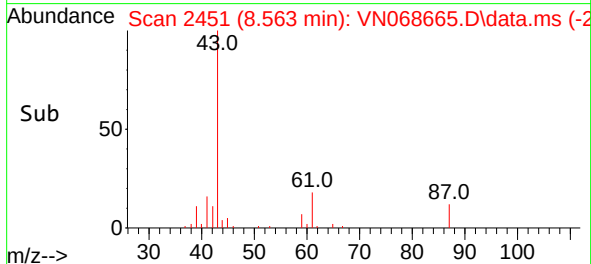
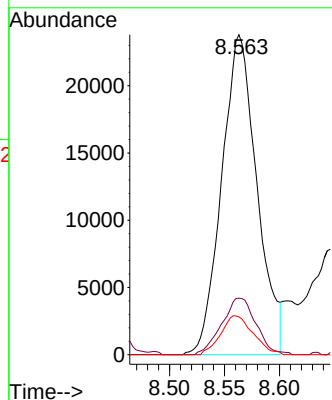
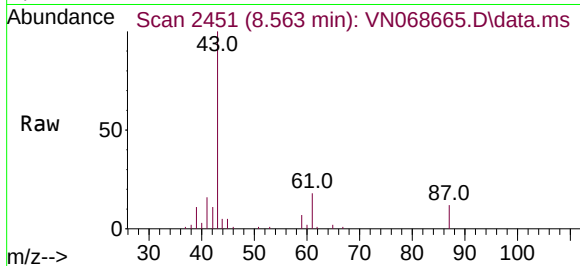




#43
Isopropyl Acetate
Concen: 2.947 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

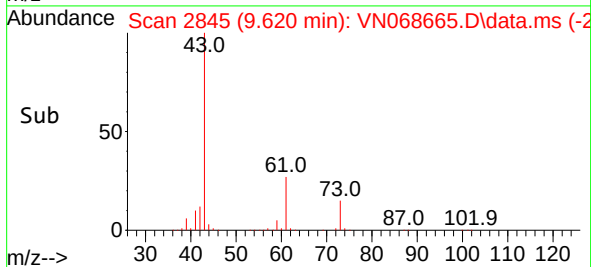
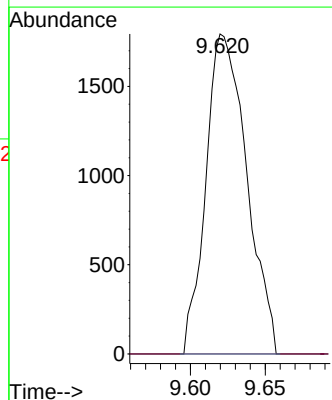
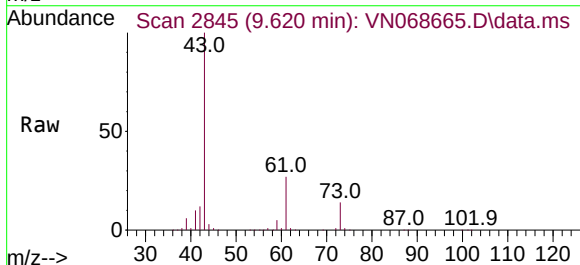
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

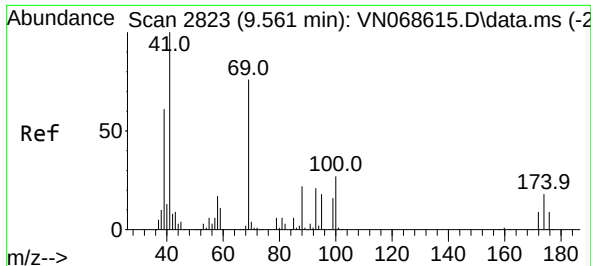
Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.2	19.0	28.4#
87	11.2	9.5	14.3



#45
1,2-Dichloropropane
Concen: 0.475 ug/l
RT: 9.620 min Scan# 2845
Delta R.T. 0.129 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

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

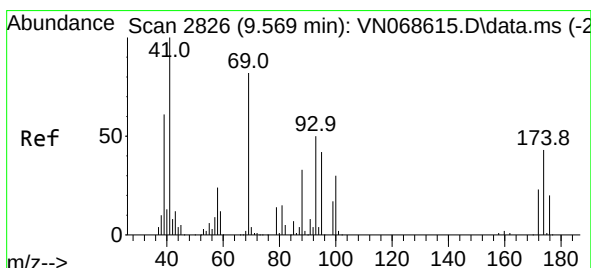
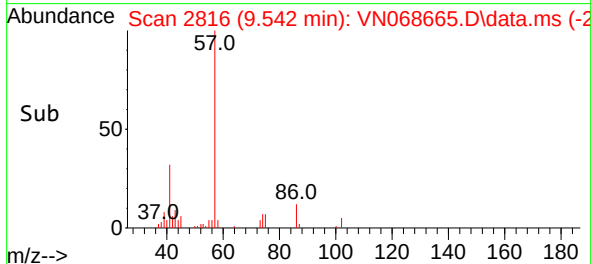
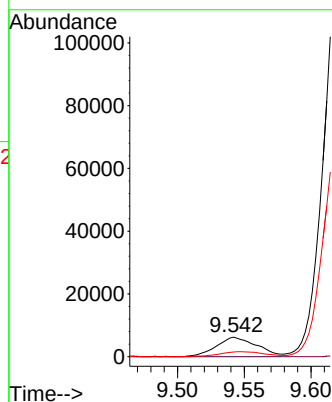
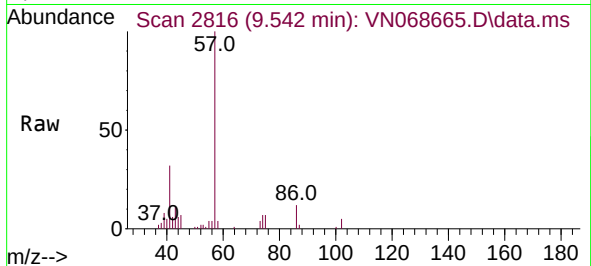




#48
Methyl methacrylate
Concen: 1.582 ug/l
RT: 9.542 min Scan# 2816
Delta R.T. -0.019 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

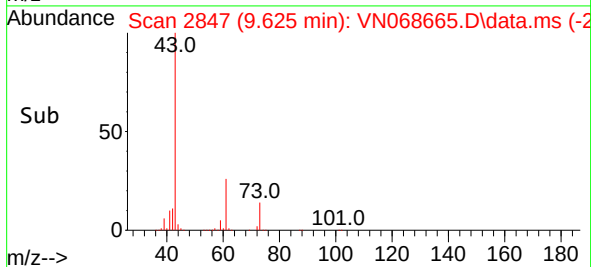
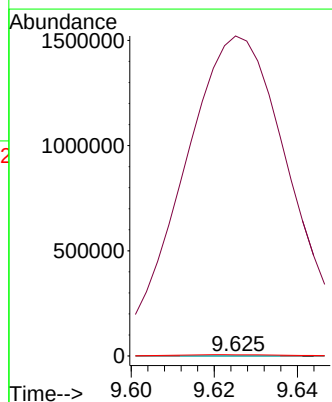
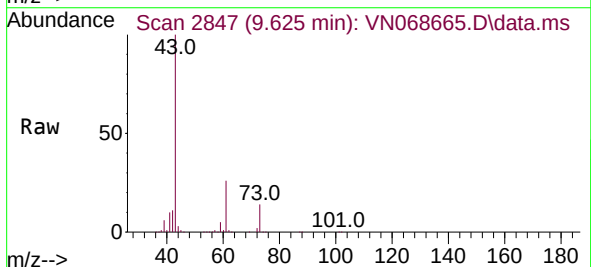
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

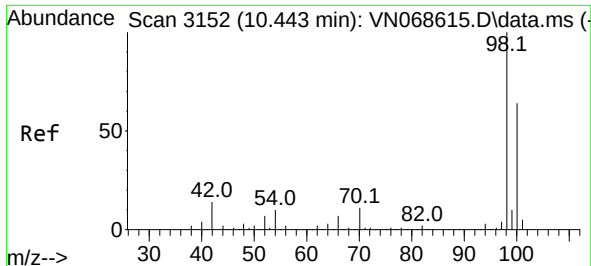
Tgt Ion: 41 Resp: 13028
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#



#49
1,4-Dioxane
Concen: 1.815 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.056 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

Tgt Ion: 88 Resp: 218
Ion Ratio Lower Upper
88 100
43 1321018.8 28.8 43.2#
58 5567.0 60.4 90.6#

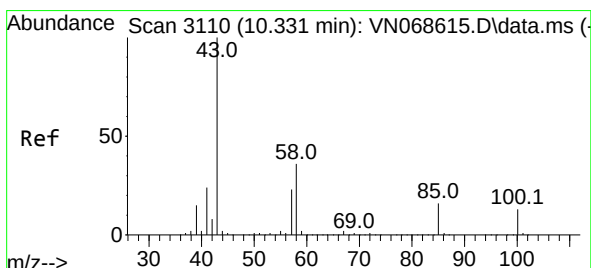
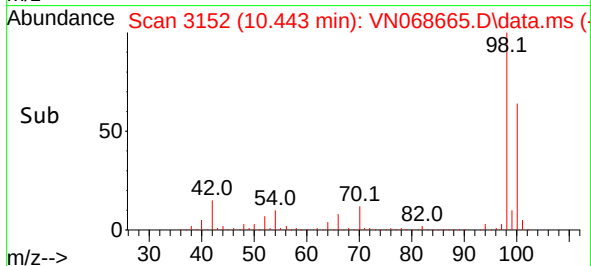
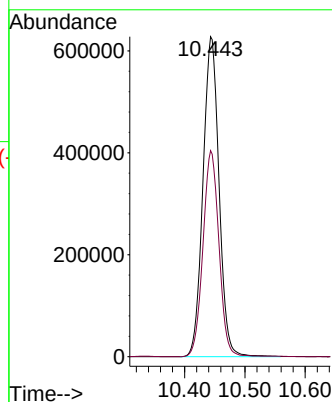
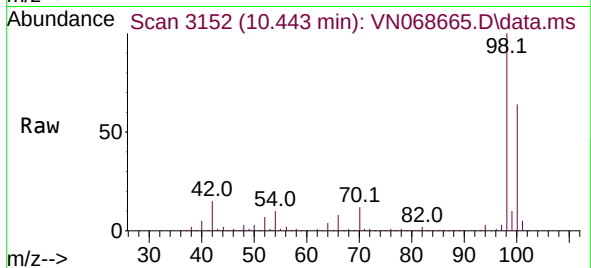




#50
Toluene-d8
Concen: 44.554 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

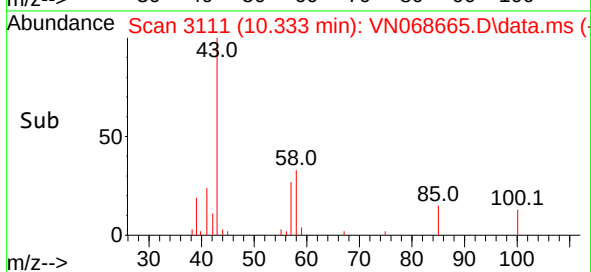
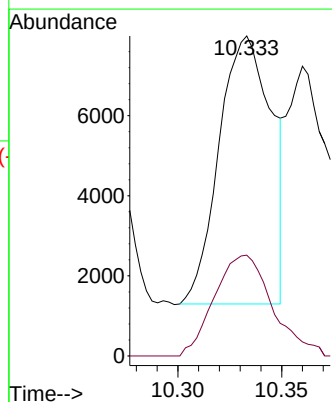
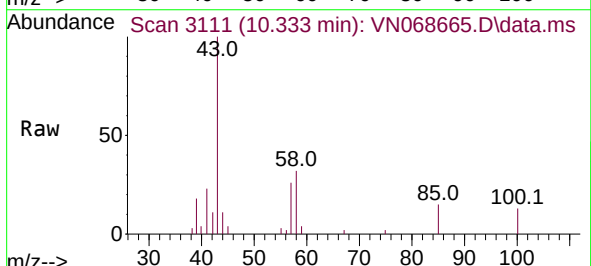
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

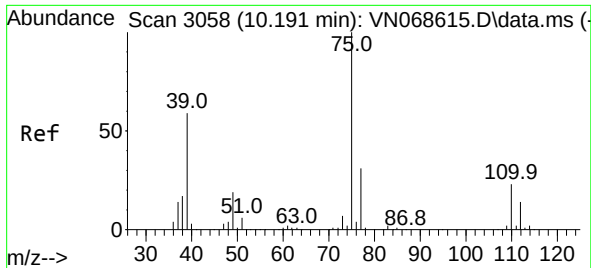
Tgt Ion: 98 Resp: 1161542
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.077 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

Tgt Ion: 43 Resp: 11741
Ion Ratio Lower Upper
43 100
58 41.5 28.6 43.0

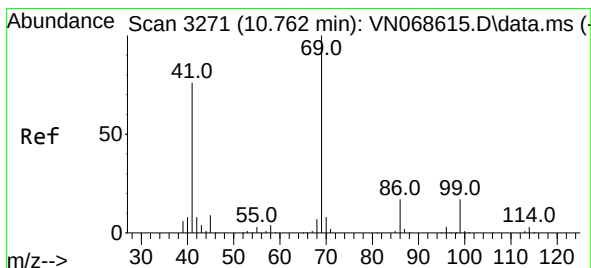
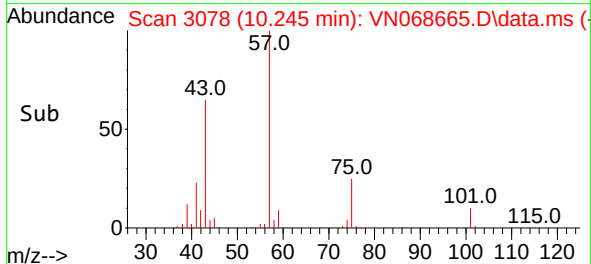
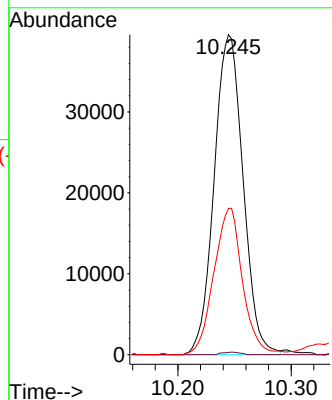
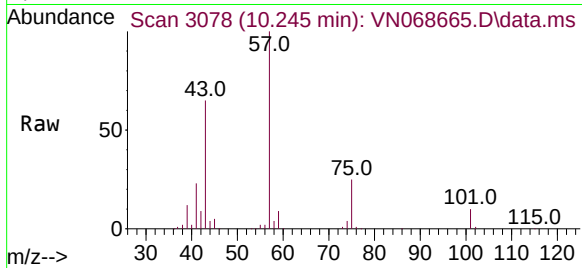




#54
cis-1,3-Dichloropropene
Concen: 6.175 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

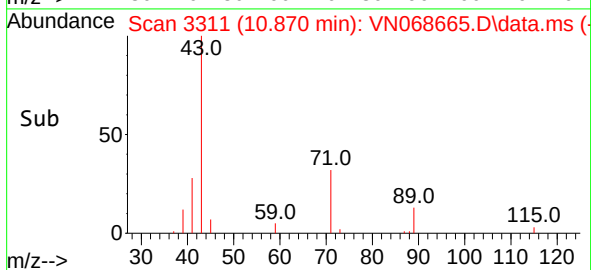
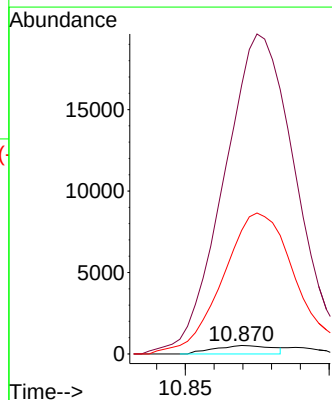
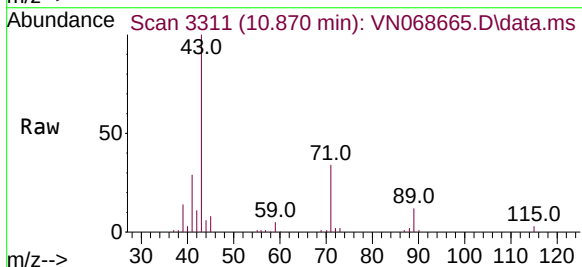
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

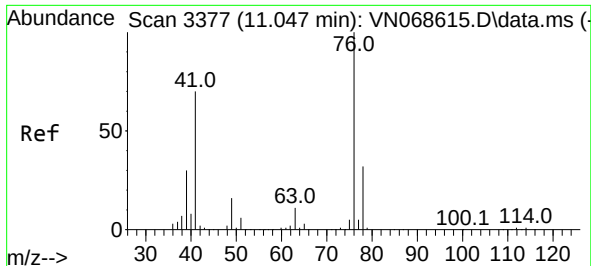
Tgt Ion: 75 Resp: 70001
Ion Ratio Lower Upper
75 100
77 0.7 24.6 37.0#
39 45.7 50.7 76.1#



#56
Ethyl methacrylate
Concen: 0.766 ug/l
RT: 10.870 min Scan# 3311
Delta R.T. 0.108 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

Tgt Ion: 69 Resp: 731
Ion Ratio Lower Upper
69 100
41 4737.8 58.6 88.0#
39 2117.6 38.3 57.5#

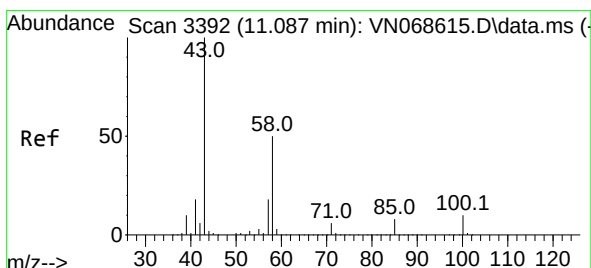
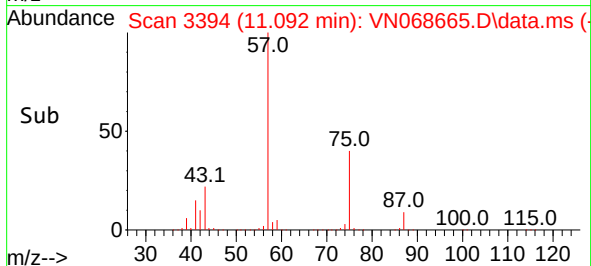
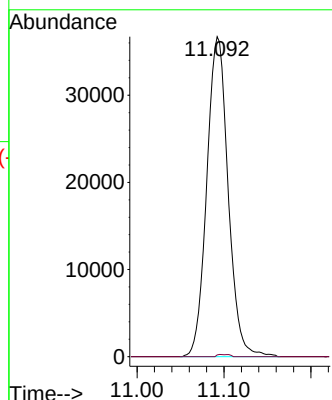
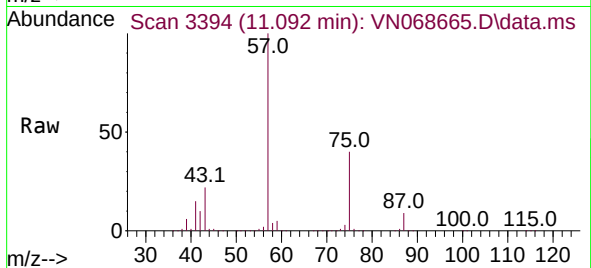




#57
1,3-Dichloropropane
Concen: 5.364 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.045 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

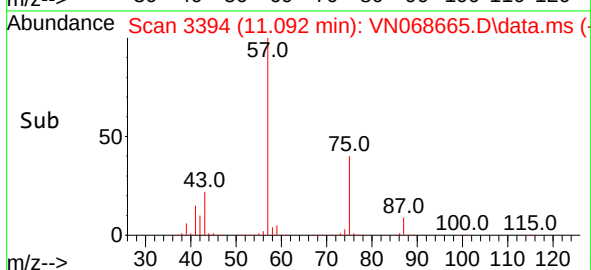
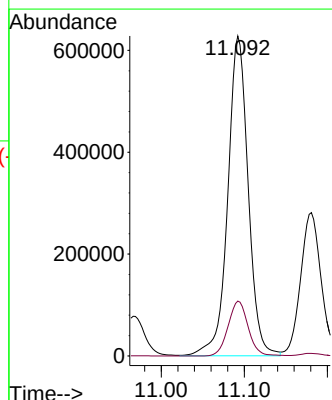
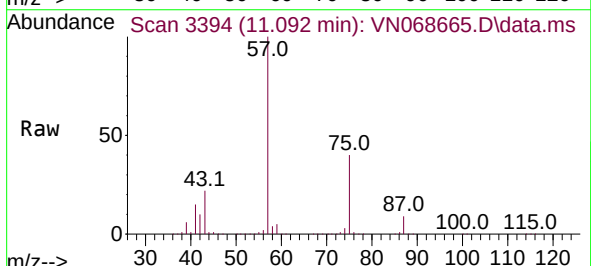
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

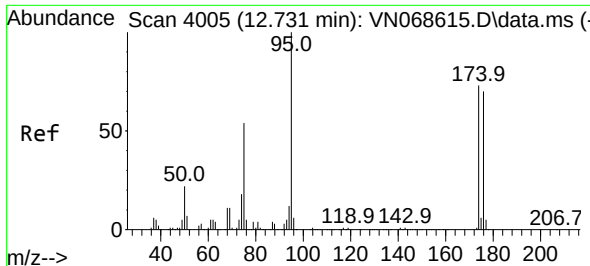
Tgt Ion: 76 Resp: 62688
Ion Ratio Lower Upper
76 100
78 0.4 25.7 38.5#



#59
2-Hexanone
Concen: 136.750 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

Tgt Ion: 43 Resp: 1072307
Ion Ratio Lower Upper
43 100
58 16.9 24.7 74.1#

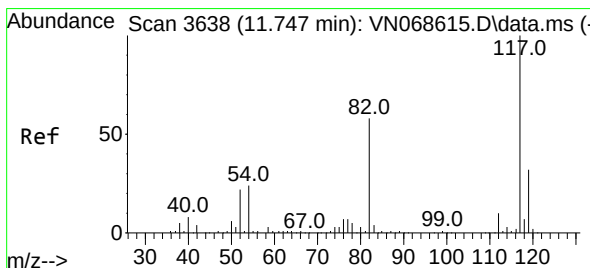
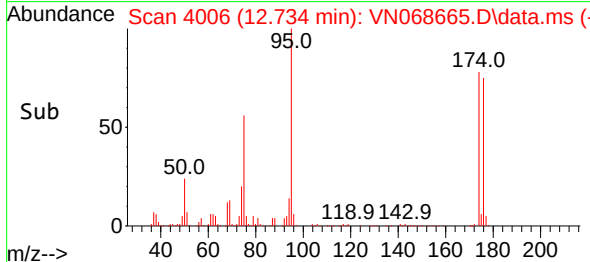
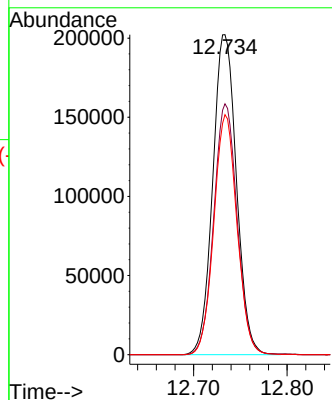
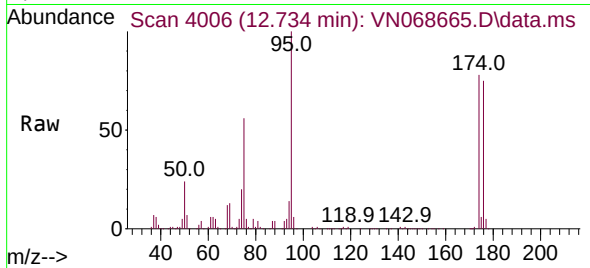




#62
4-Bromofluorobenzene
Concen: 39.970 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

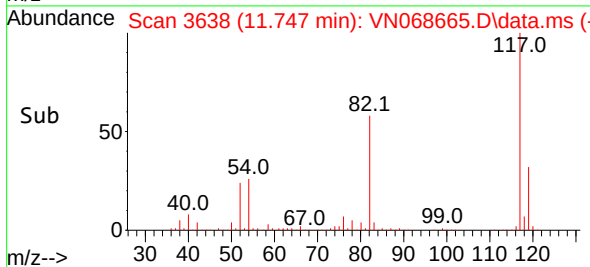
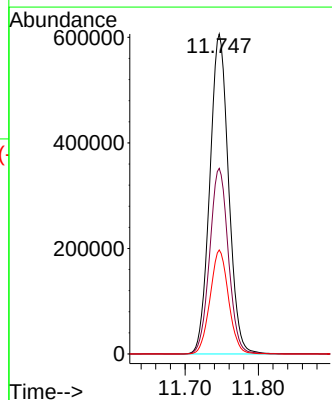
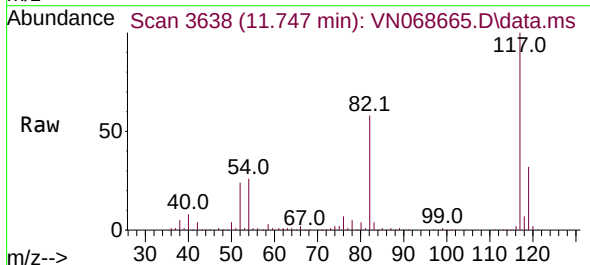
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

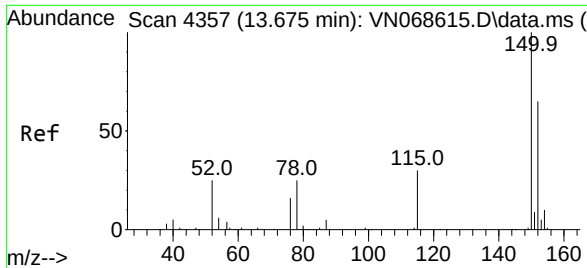
Tgt Ion: 95 Resp: 356376
Ion Ratio Lower Upper
95 100
174 77.4 0.0 122.0
176 73.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

Tgt Ion: 117 Resp: 1077970
Ion Ratio Lower Upper
117 100
82 58.0 53.1 79.7
119 32.5 25.5 38.3

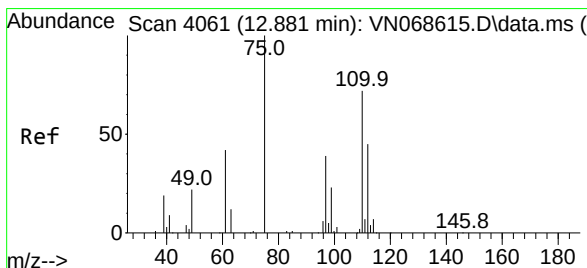
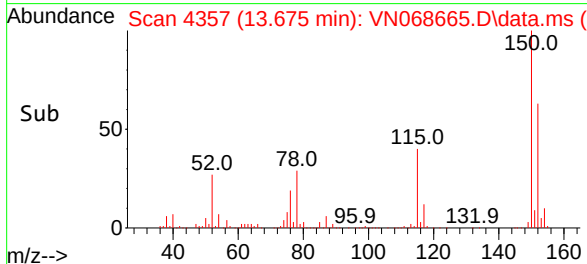
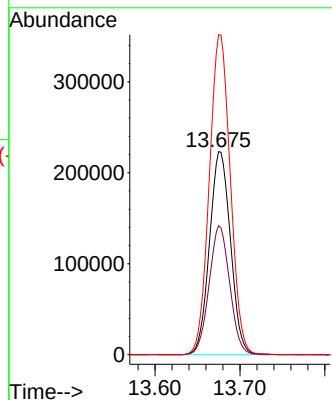
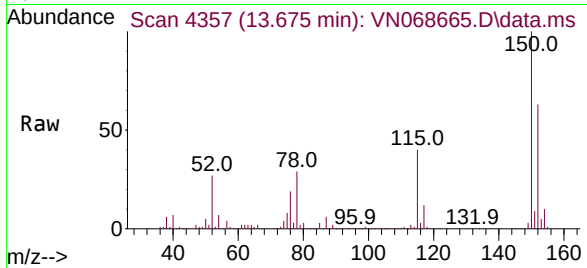




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 4357
 Delta R.T. -0.000 min
 Lab File: VN068665.D
 Acq: 25 Sep 2021 14:13

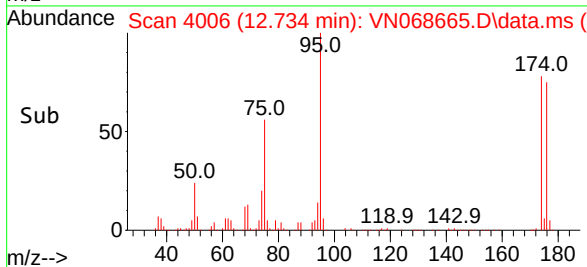
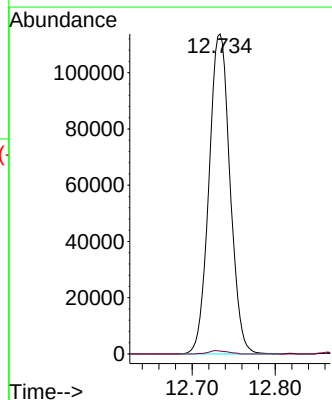
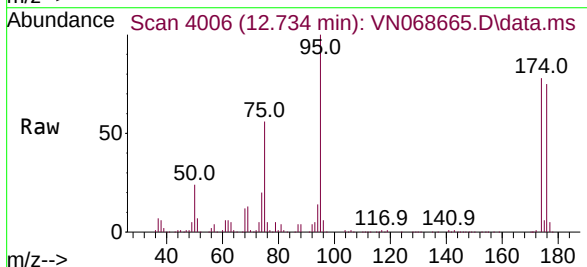
Instrument :
 MSVOA_N
 ClientSampleId :
 PB139230ZHE#01

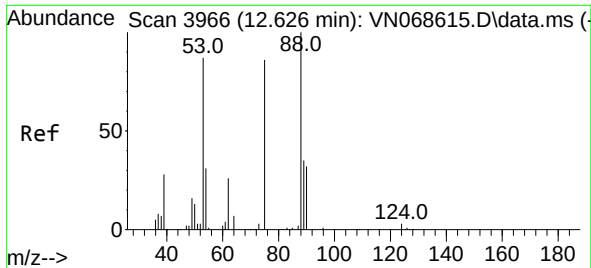
Tgt Ion:152 Resp: 383335
 Ion Ratio Lower Upper
 152 100
 115 62.2 36.1 108.5
 150 157.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 21.085 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN068665.D
 Acq: 25 Sep 2021 14:13

Tgt Ion: 75 Resp: 199847
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

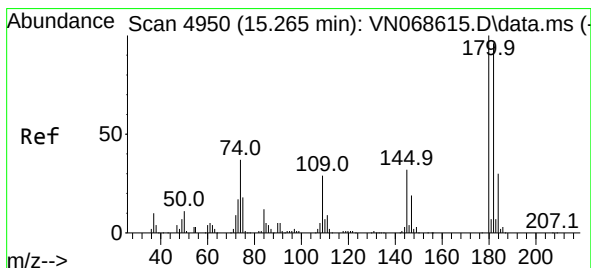
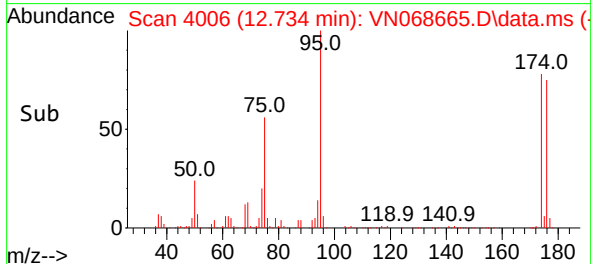
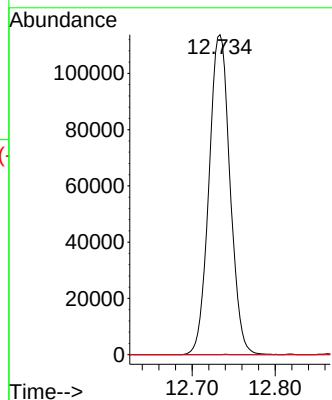
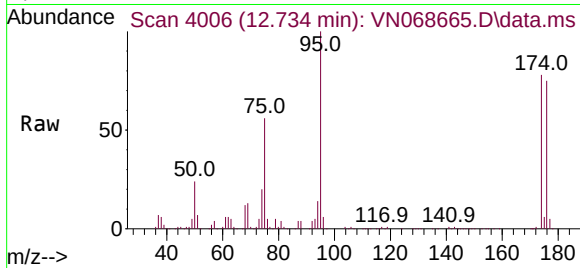




#81
trans-1,4-Dichloro-2-butene
Concen: 59.559 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

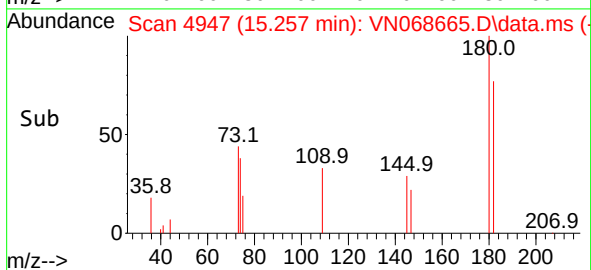
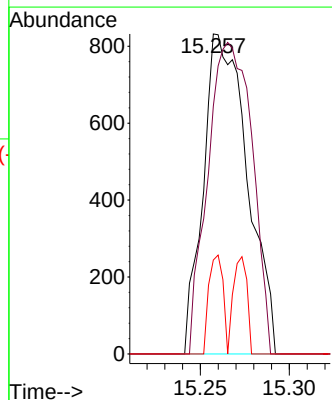
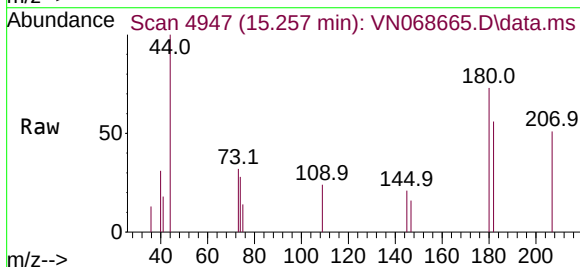
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01

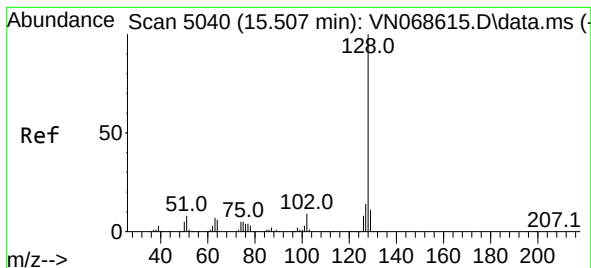
Tgt Ion: 75 Resp: 199847
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.222 ug/l
RT: 15.257 min Scan# 4947
Delta R.T. -0.008 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

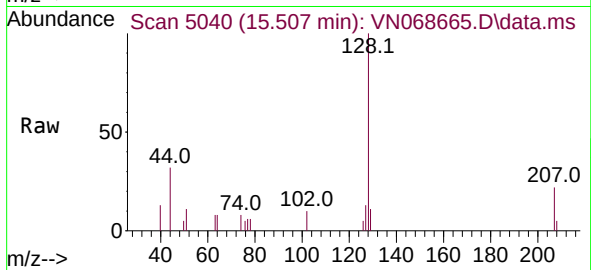
Tgt Ion:180 Resp: 1431
Ion Ratio Lower Upper
180 100
182 97.8 47.5 142.5
145 9.8 17.2 51.6#



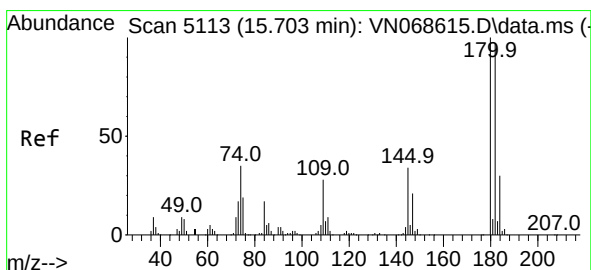
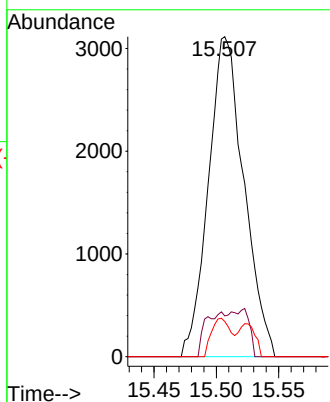
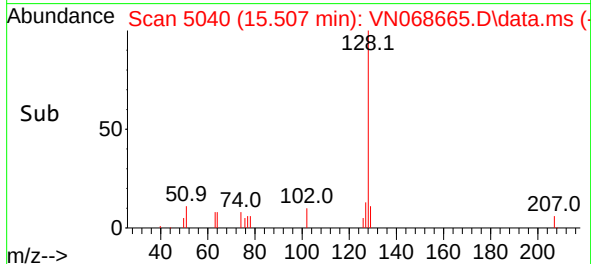


#95
Naphthalene
Concen: 1.920 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13

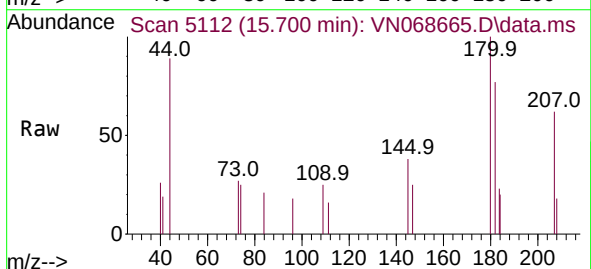
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#01



Tgt Ion	Ratio	Lower	Upper
128	100		
127	4.5	10.6	15.8#
129	6.6	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.245 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN068665.D
Acq: 25 Sep 2021 14:13



Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	47.8	143.3
145	22.2	18.2	54.6

