

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070825.D
 Acq On : 28 Jan 2022 13:38
 Operator : JC/MD
 Sample : PB142316ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316ZHE#02

Quant Time: Jan 28 23:16:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

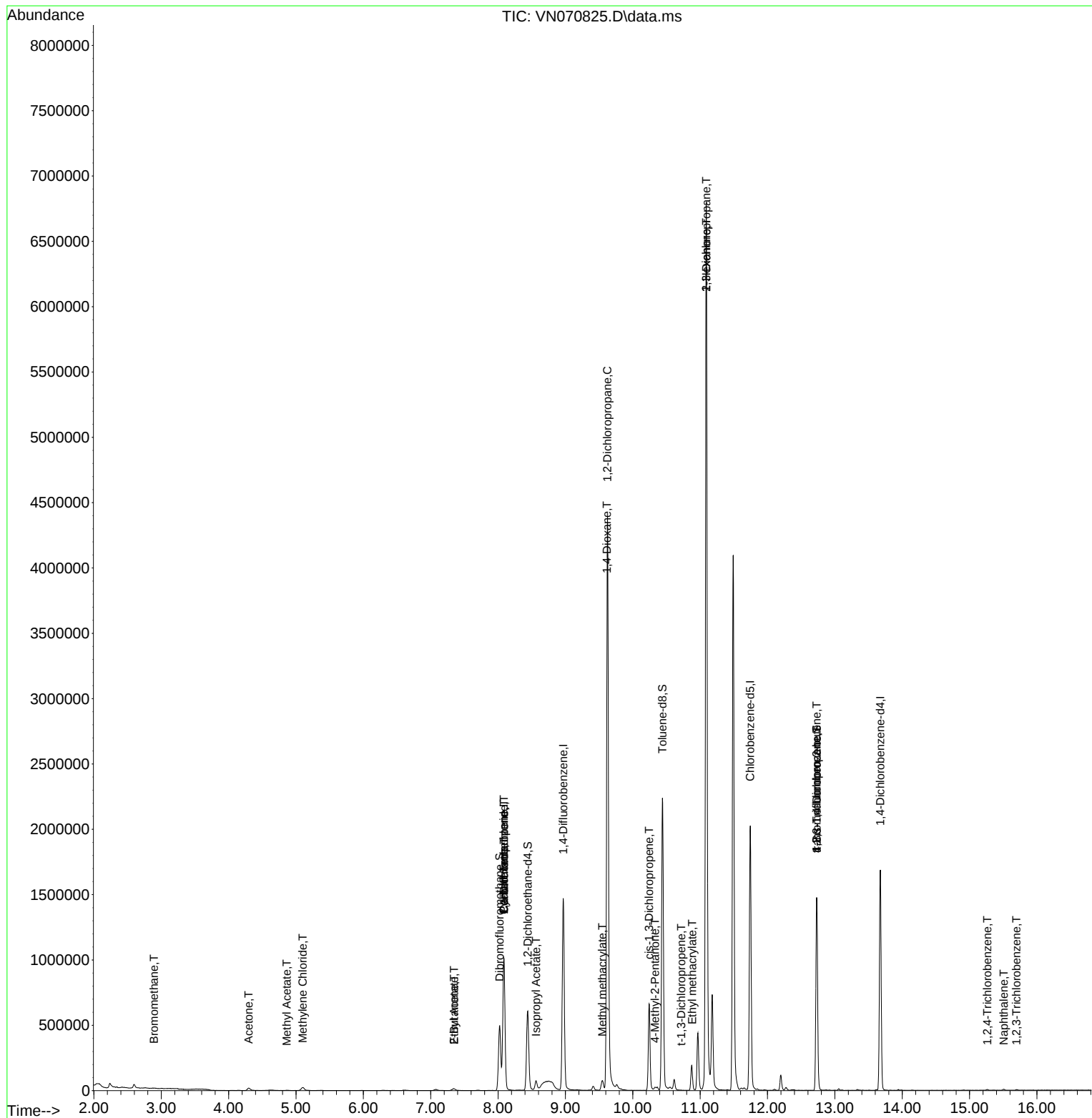
Internal Standards						
1) Pentafluorobenzene	8.086	168	753691	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1250131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1175505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	457934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	547393	50.677	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.360%	
35) Dibromofluoromethane	8.024	113	366614	47.277	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.560%	
50) Toluene-d8	10.440	98	1579878	48.361	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.720%	
62) 4-Bromofluorobenzene	12.731	95	548574	47.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.891	94	1800	0.285	ug/l	95
16) Acetone	4.296	43	36313	4.844	ug/l	99
18) Methyl Acetate	4.862	43	4894	0.332	ug/l #	63
20) Methylene Chloride	5.101	84	16886	1.710	ug/l #	86
25) 2-Butanone	7.345	43	22839	2.421	ug/l	98
30) Chloroform	8.083	83	82	Below Cal	#	18
31) Cyclohexane	8.088	56	17126	0.900	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	64054	4.907	ug/l #	49
37) Ethyl Acetate	7.345	43	22839	1.318	ug/l #	69
38) Carbon Tetrachloride	8.086	117	79017	6.804	ug/l #	16
43) Isopropyl Acetate	8.563	43	86214	3.257	ug/l #	87
45) 1,2-Dichloropropane	9.622	63	6057	0.550	ug/l #	44
48) Methyl methacrylate	9.547	41	21135	1.676	ug/l #	8
49) 1,4-Dioxane	9.617	88	378	1.995	ug/l #	1
51) 4-Methyl-2-Pentanone	10.330	43	11943	0.707	ug/l	90
53) t-1,3-Dichloropropene	10.719	75	530	2.436	ug/l #	76
54) cis-1,3-Dichloropropene	10.242	75	115507	7.363	ug/l #	64
56) Ethyl methacrylate	10.880	69	1349	2.373	ug/l #	1
57) 1,3-Dichloropropane	11.089	76	72080	4.283	ug/l #	43
59) 2-Hexanone	11.089	43	1189897	96.967	ug/l #	49
76) 1,2,3-Trichloropropane	12.731	75	295957	24.367	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	295957	72.595	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	2258	3.674	ug/l	97
95) Naphthalene	15.507	128	7365	5.228	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.697	180	1182	3.353	ug/l #	19

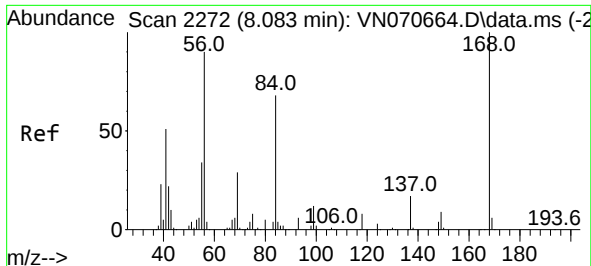
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
Data File : VN070825.D
Acq On : 28 Jan 2022 13:38
Operator : JC/MD
Sample : PB142316ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

Quant Time: Jan 28 23:16:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

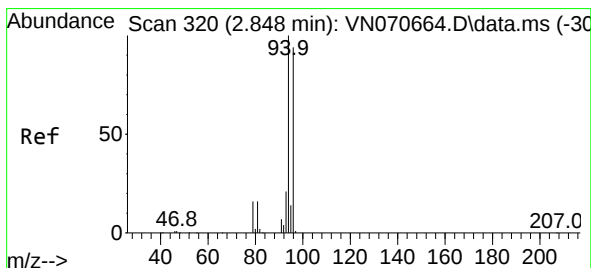
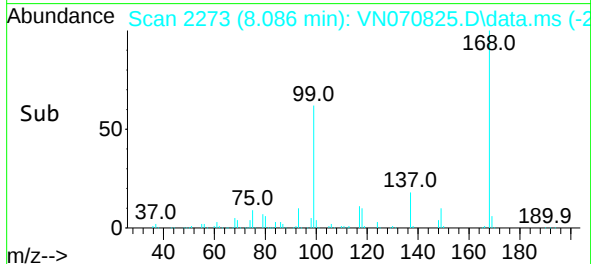
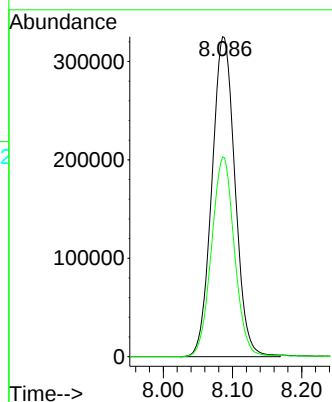
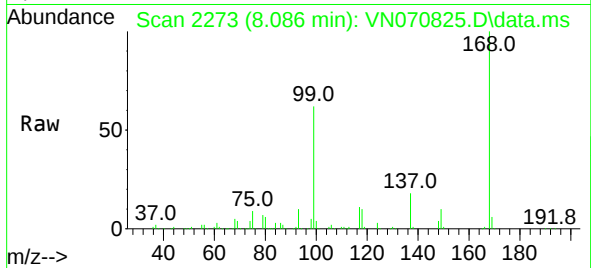




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

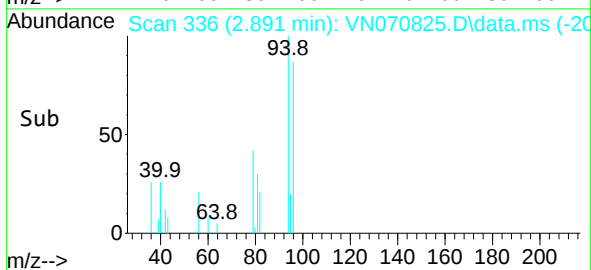
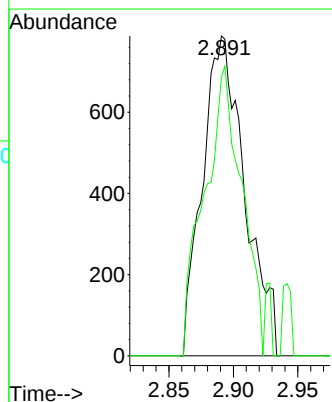
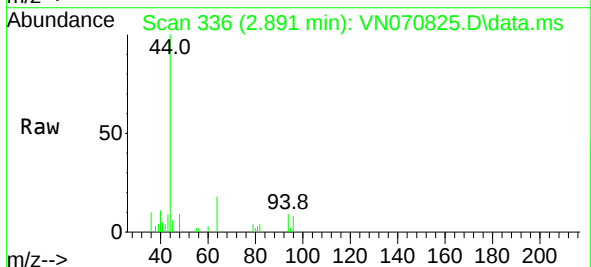
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

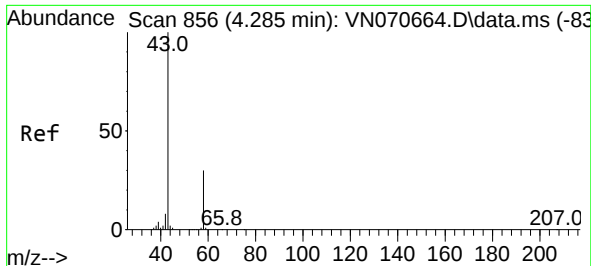
Tgt Ion:168 Resp: 753691
Ion Ratio Lower Upper
168 100
99 62.4 41.3 61.9#



#5
Bromomethane
Concen: 0.285 ug/l
RT: 2.891 min Scan# 336
Delta R.T. 0.043 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Tgt Ion: 94 Resp: 1800
Ion Ratio Lower Upper
94 100
96 87.2 73.8 110.8

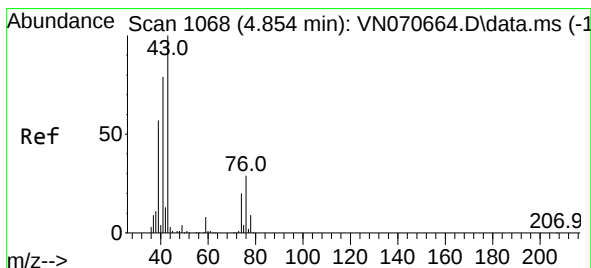
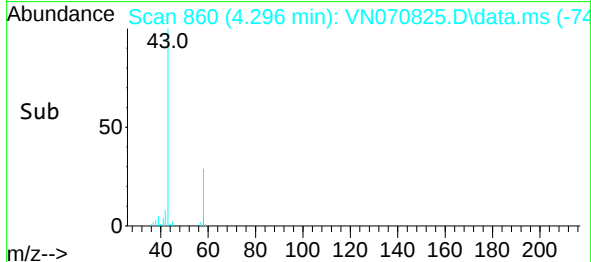
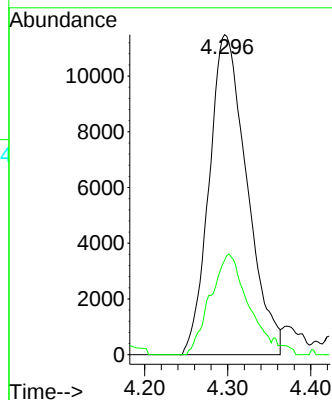
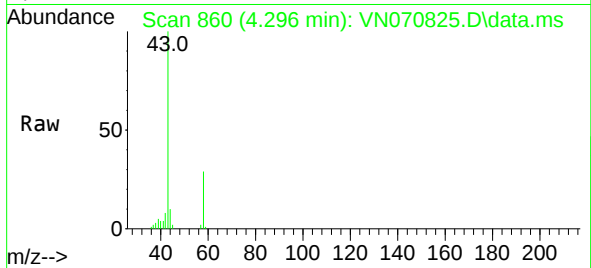




#16
Acetone
Concen: 4.844 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

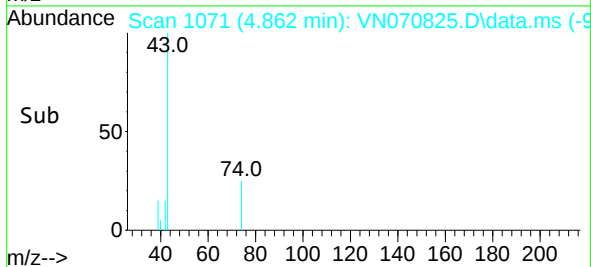
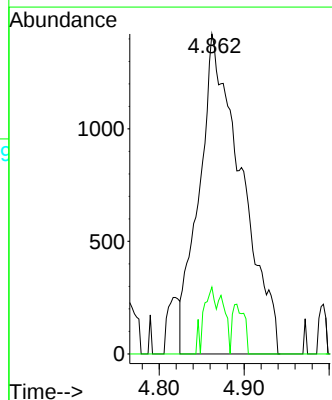
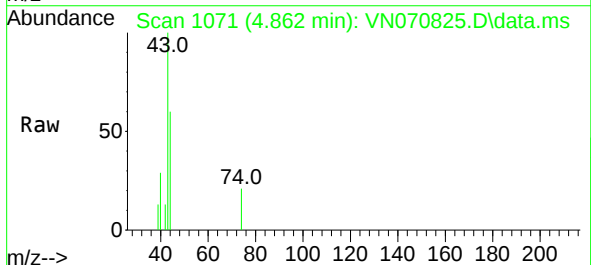
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

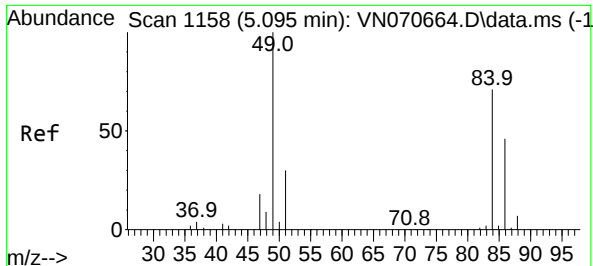
Tgt Ion: 43 Resp: 36313
Ion Ratio Lower Upper
43 100
58 29.4 23.1 34.7



#18
Methyl Acetate
Concen: 0.332 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

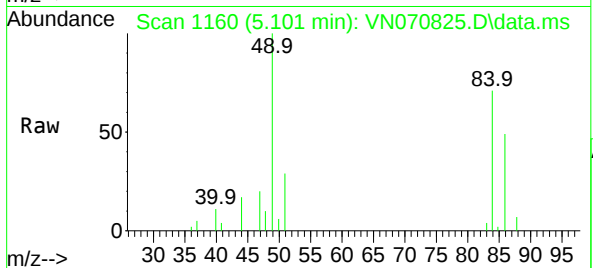
Tgt Ion: 43 Resp: 4894
Ion Ratio Lower Upper
43 100
74 5.9 19.4 29.2#



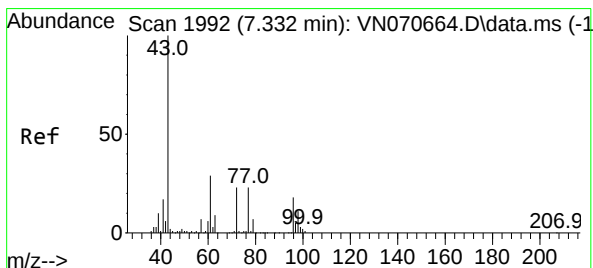
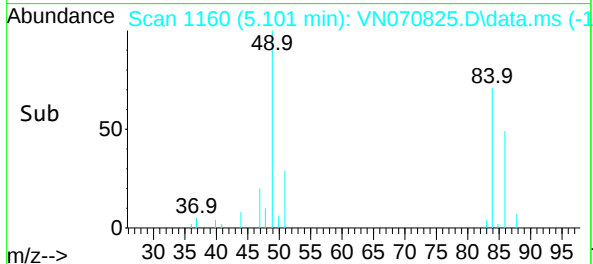
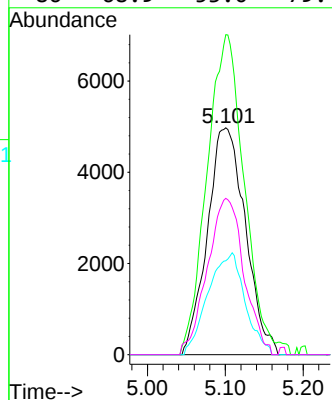


#20
Methylene Chloride
Concen: 1.710 ug/l
RT: 5.101 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

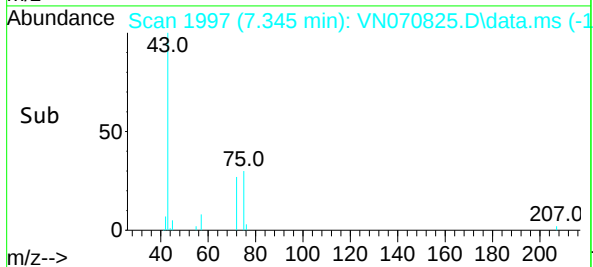
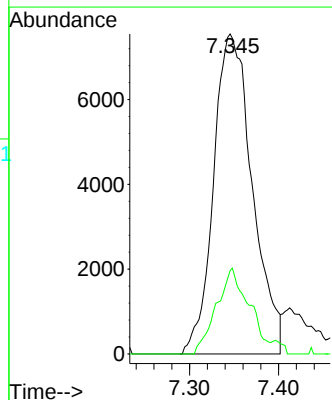
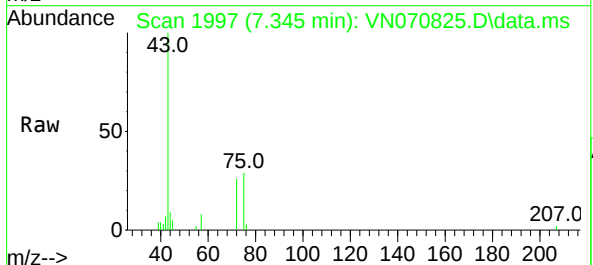


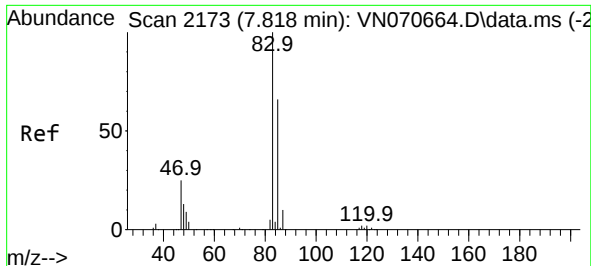
Tgt Ion: 84 Resp: 16886
Ion Ratio Lower Upper
84 100
49 141.1 93.5 140.3#
51 41.4 29.4 44.2
86 68.9 53.0 79.4



#25
2-Butanone
Concen: 2.421 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.013 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Tgt Ion: 43 Resp: 22839
Ion Ratio Lower Upper
43 100
72 26.1 21.7 32.5

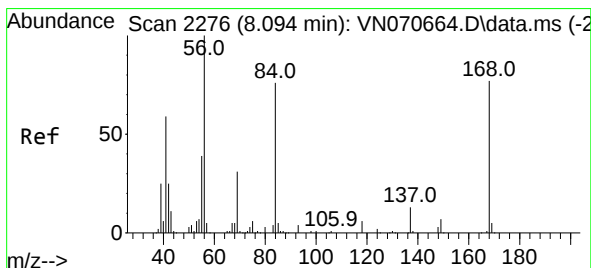
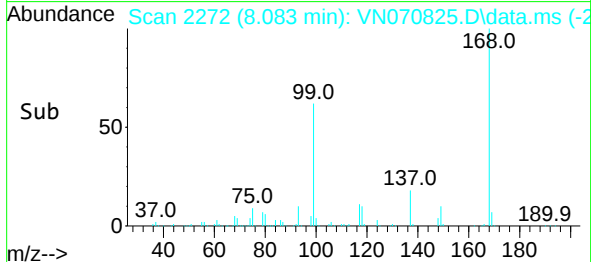
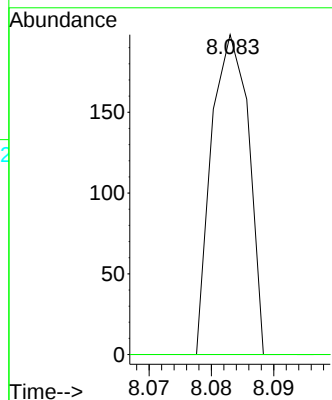
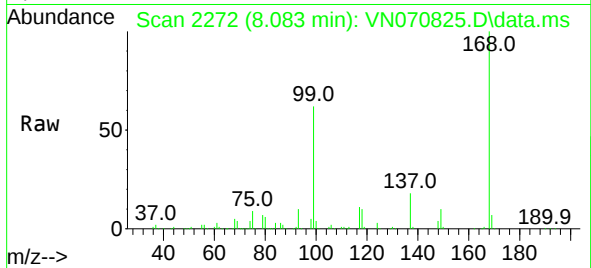




#30
Chloroform
Concen: Below Cal
RT: 8.083 min Scan# 2173
Delta R.T. 0.265 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

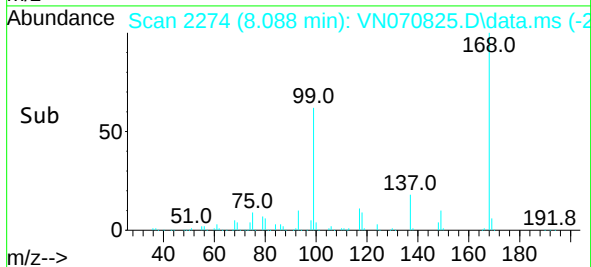
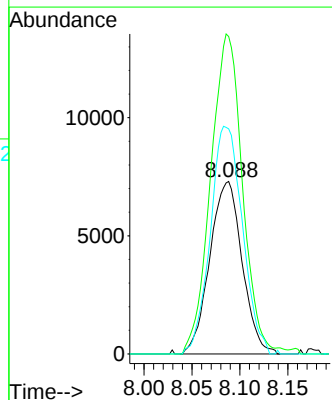
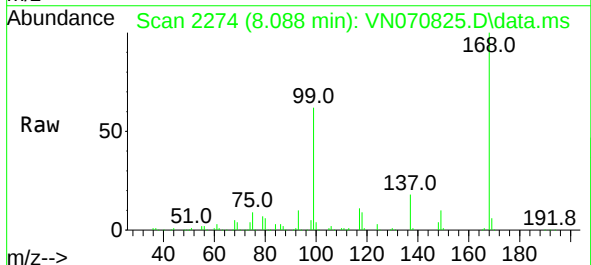
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

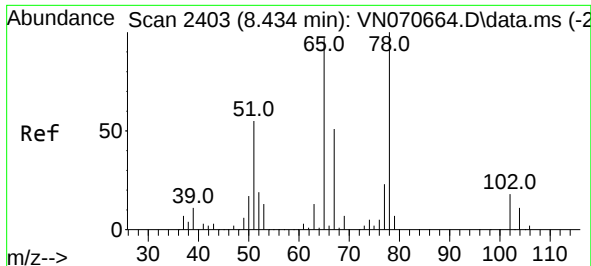
Tgt Ion: 83 Resp: 82
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



#31
Cyclohexane
Concen: 0.900 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Tgt Ion: 56 Resp: 17126
Ion Ratio Lower Upper
56 100
69 184.0 27.1 40.7#
84 130.5 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 50.677 ug/l

RT: 8.440 min Scan# 2403

Delta R.T. 0.006 min

Lab File: VN070825.D

Acq: 28 Jan 2022 13:38

Instrument :

MSVOA_N

ClientSampleId :

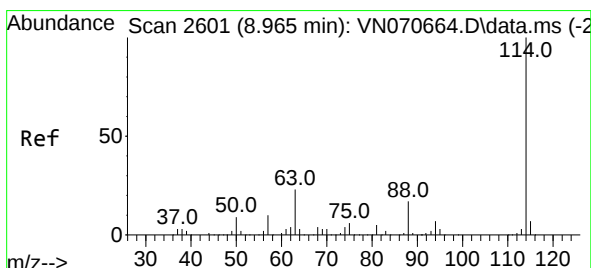
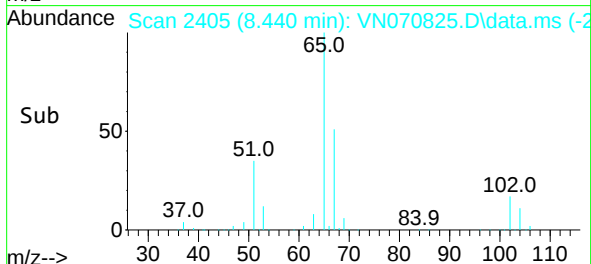
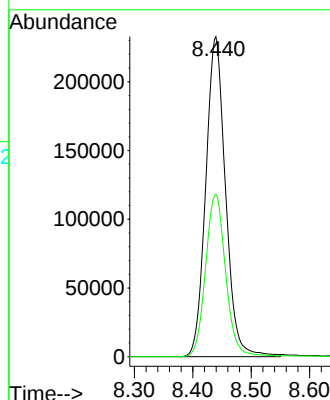
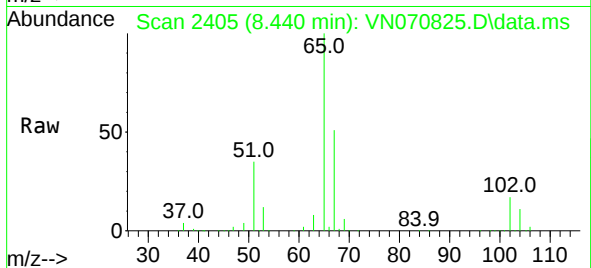
PB142316ZHE#02

Tgt Ion: 65 Resp: 547393

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070825.D

Acq: 28 Jan 2022 13:38

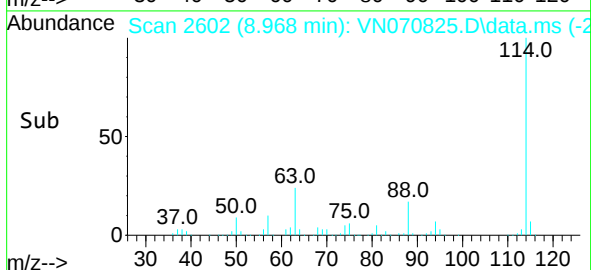
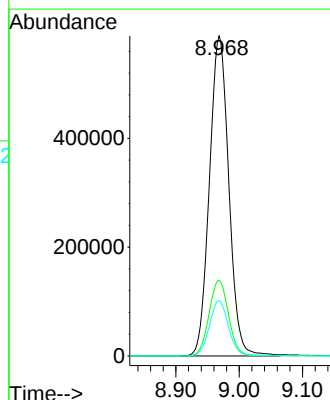
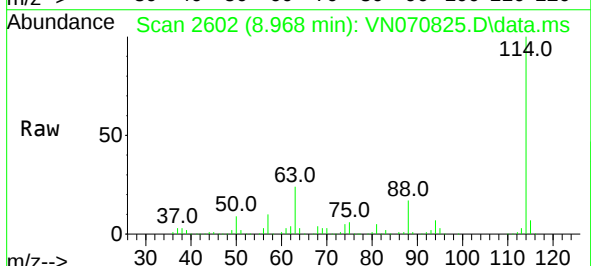
Tgt Ion: 114 Resp: 1250131

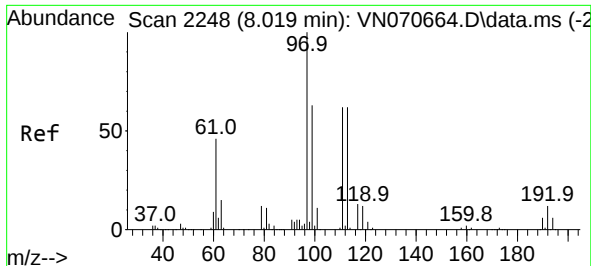
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 17.3 0.0 27.4

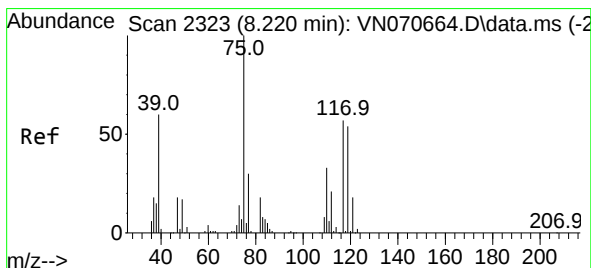
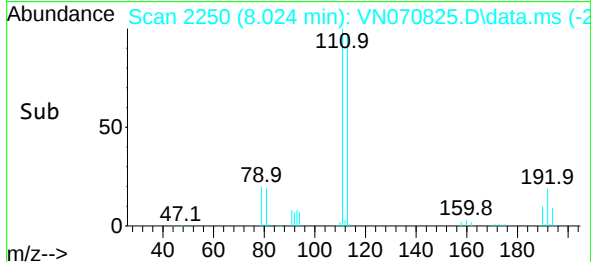
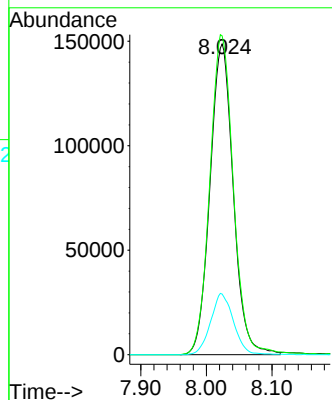
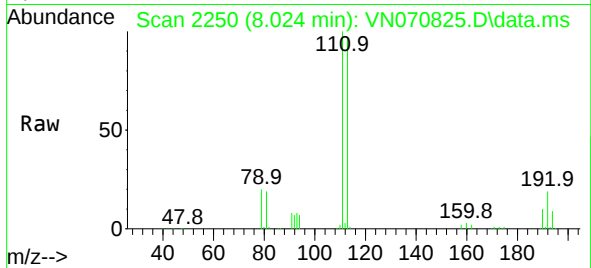




#35
Dibromofluoromethane
Concen: 47.277 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.005 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

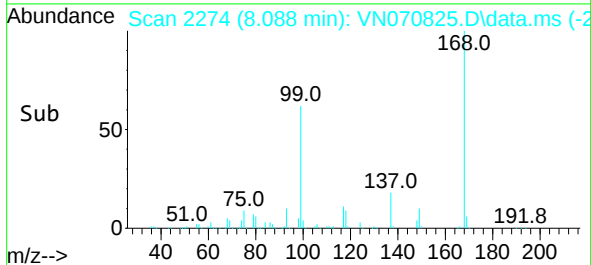
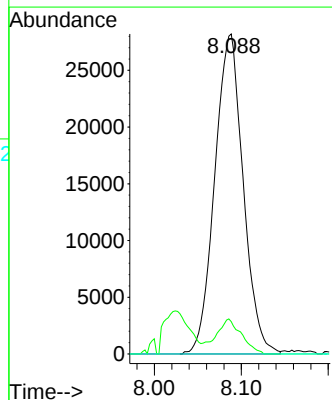
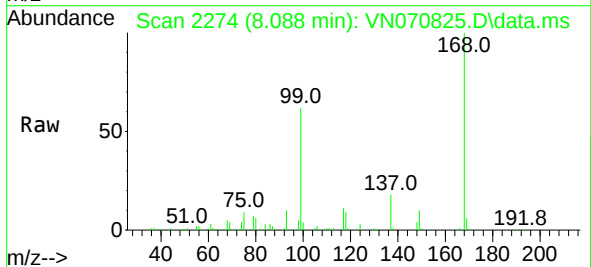
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

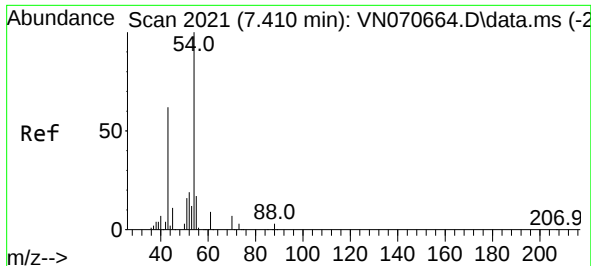
Tgt Ion:113 Resp: 366614
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.907 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.132 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Tgt Ion: 75 Resp: 64054
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.318 ug/l

RT: 7.345 min Scan# 19

Delta R.T. -0.065 min

Lab File: VN070825.D

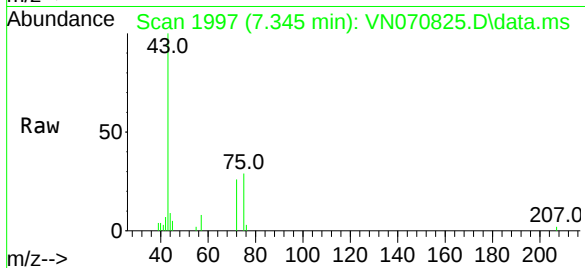
Acq: 28 Jan 2022 13:38

Instrument :

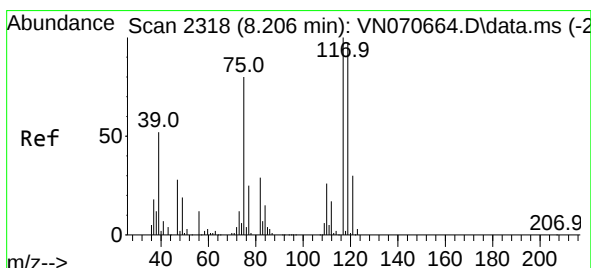
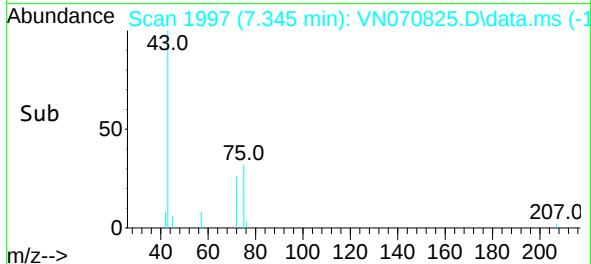
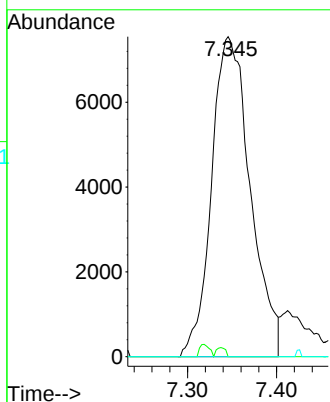
MSVOA_N

ClientSampleId :

PB142316ZHE#02



Tgt Ion:	43	Resp:	22839
Ion	Ratio	Lower	Upper
43	100		
61	0.7	11.5	17.3#
70	0.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 6.804 ug/l

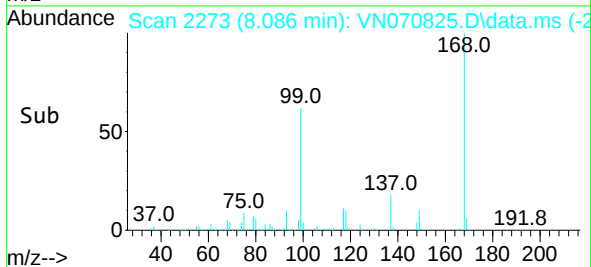
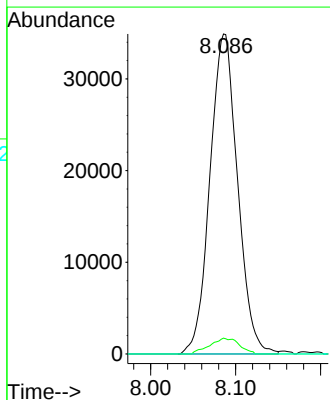
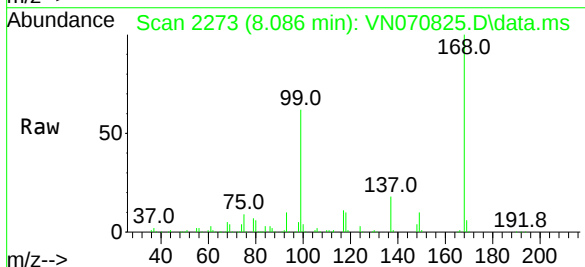
RT: 8.086 min Scan# 2273

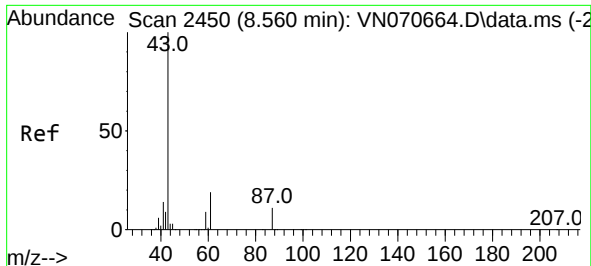
Delta R.T. -0.120 min

Lab File: VN070825.D

Acq: 28 Jan 2022 13:38

Tgt Ion:	117	Resp:	79017
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.1	114.1#
121	0.0	24.2	36.2#





#43

Isopropyl Acetate

Concen: 3.257 ug/l

RT: 8.563 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070825.D

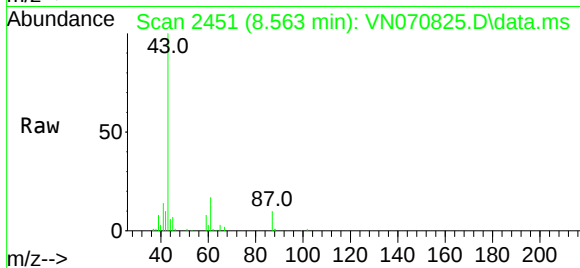
Acq: 28 Jan 2022 13:38

Instrument :

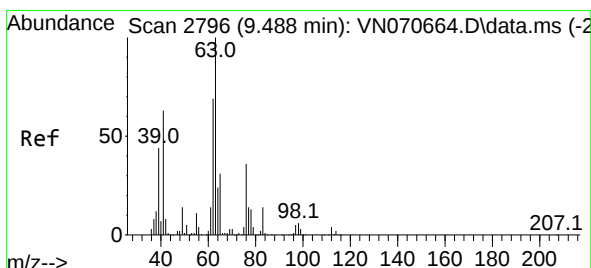
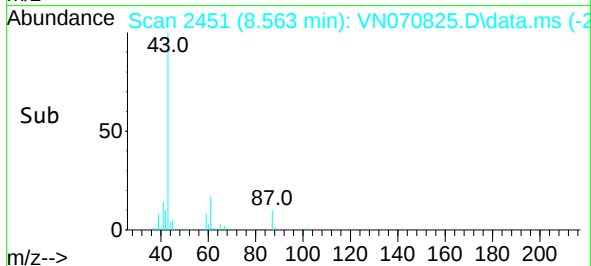
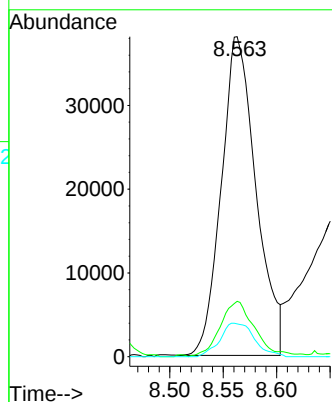
MSVOA_N

ClientSampleId :

PB142316ZHE#02



Tgt Ion:	43	Resp:	86214
Ion Ratio	Lower	Upper	
43	100		
61	17.4	20.4	30.6#
87	10.4	11.2	16.8#



#45

1,2-Dichloropropane

Concen: 0.550 ug/l

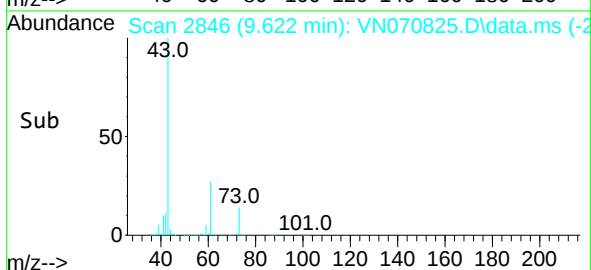
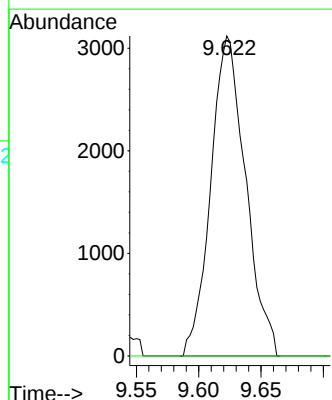
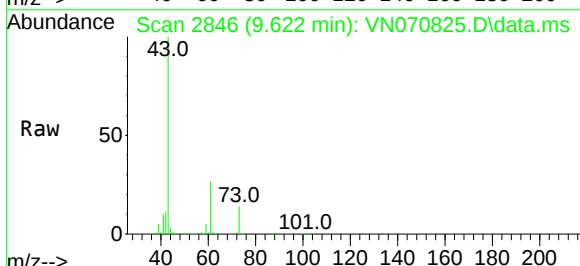
RT: 9.622 min Scan# 2846

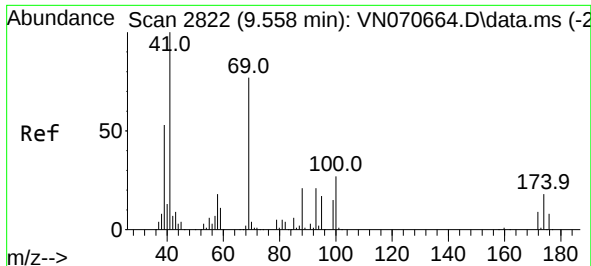
Delta R.T. 0.134 min

Lab File: VN070825.D

Acq: 28 Jan 2022 13:38

Tgt Ion:	63	Resp:	6057
Ion Ratio	Lower	Upper	
63	100		
65	0.0	24.7	37.1#

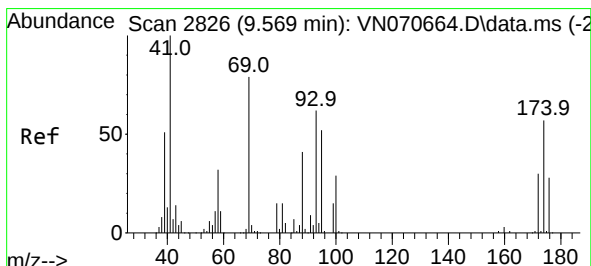
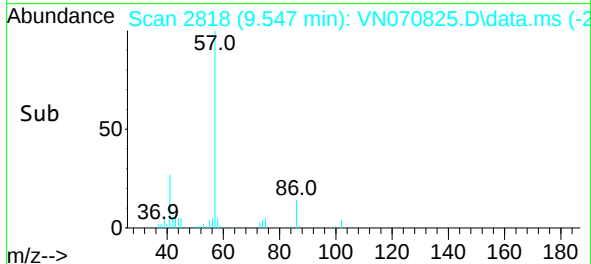
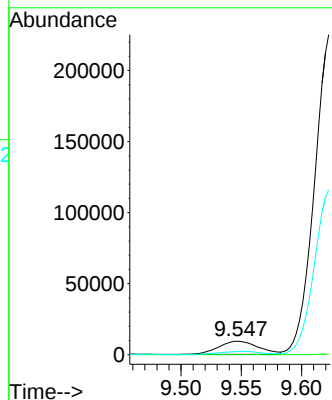
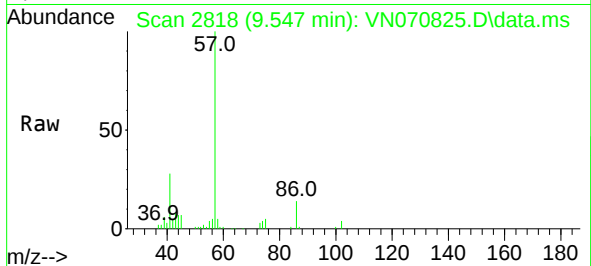




#48
Methyl methacrylate
Concen: 1.676 ug/l
RT: 9.547 min Scan# 21135
Delta R.T. -0.011 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

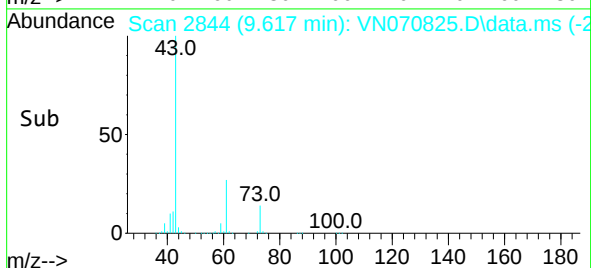
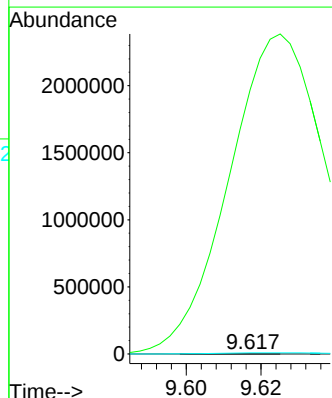
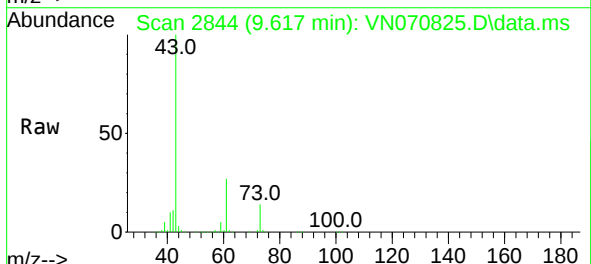
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

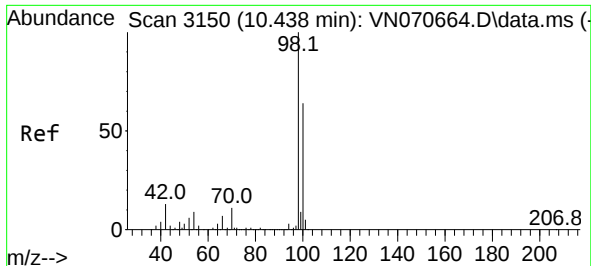
Tgt Ion: 41 Resp: 21135
Ion Ratio Lower Upper
41 100
69 0.1 72.4 108.6#
39 0.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 1.995 ug/l
RT: 9.617 min Scan# 2844
Delta R.T. 0.048 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Tgt Ion: 88 Resp: 378
Ion Ratio Lower Upper
88 100
43 1232745.5 23.4 35.2#
58 4759.5 50.6 75.8#

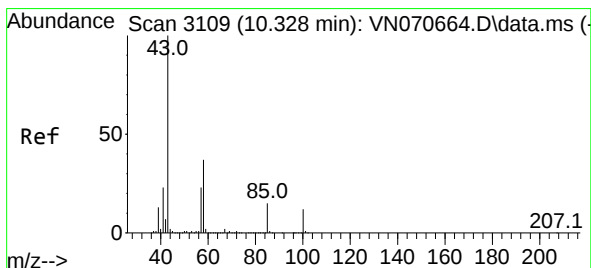
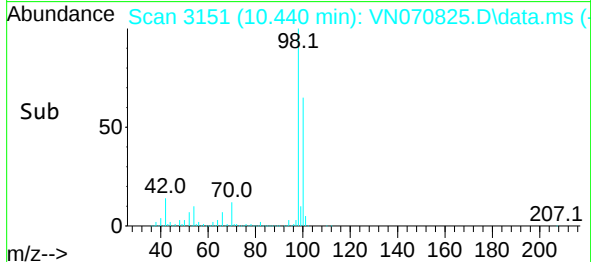
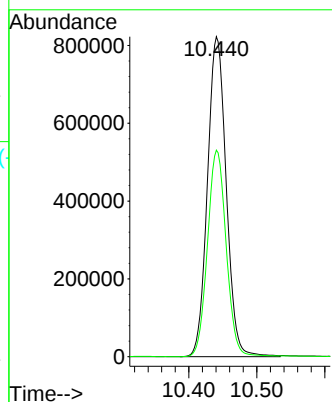
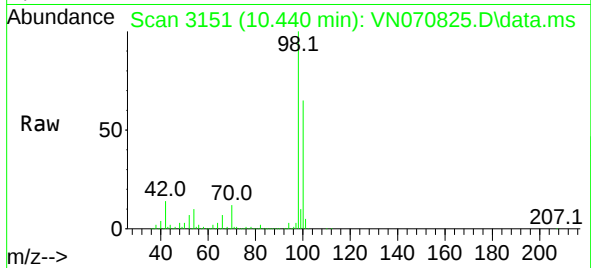




#50
Toluene-d8
Concen: 48.361 ug/l
RT: 10.440 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

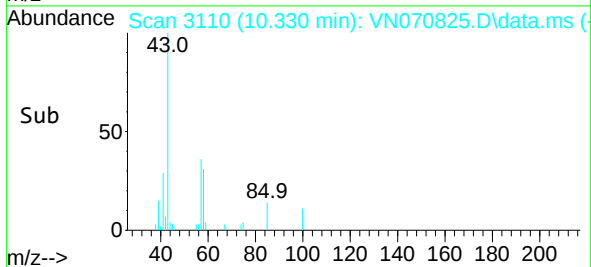
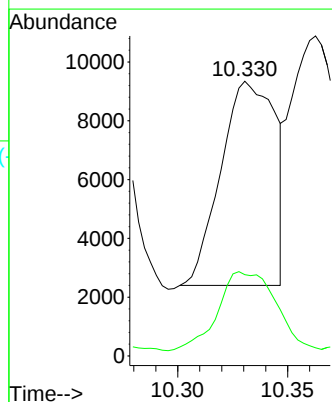
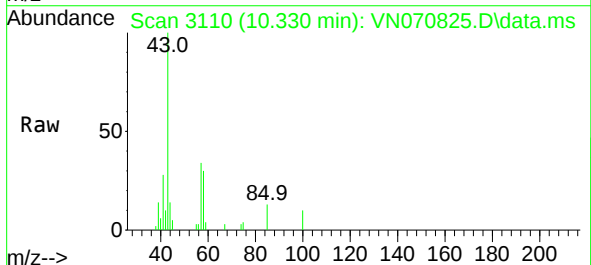
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

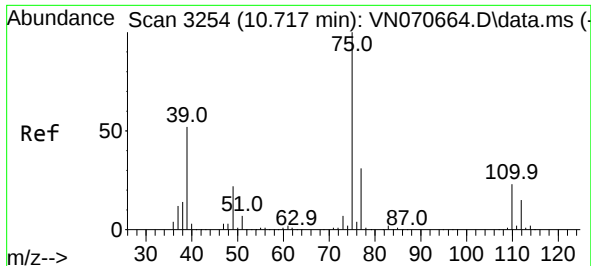
Tgt Ion: 98 Resp: 1579878
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.707 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Tgt Ion: 43 Resp: 11943
Ion Ratio Lower Upper
43 100
58 44.2 30.4 45.6

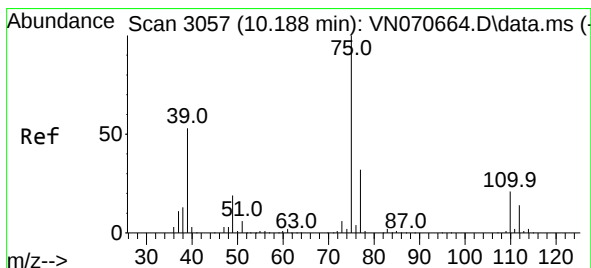
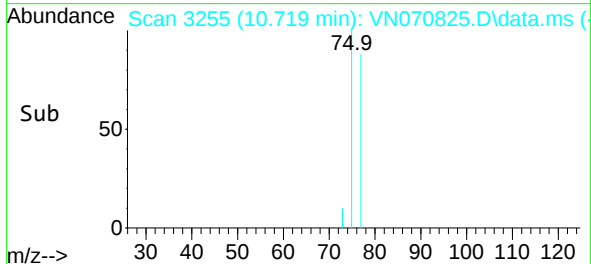
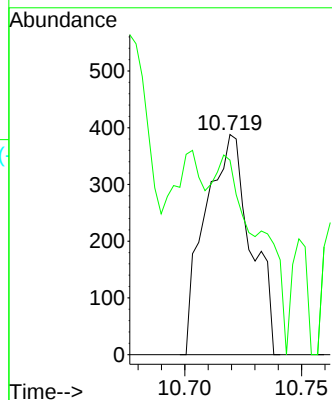
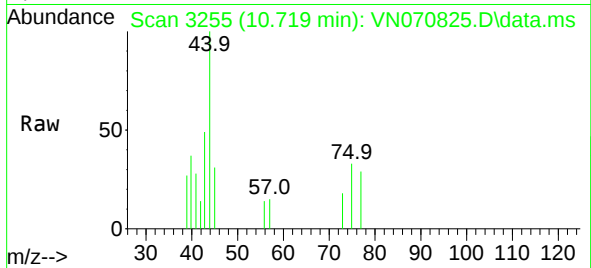




#53
 t-1,3-Dichloropropene
 Concen: 2.436 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: VN070825.D
 Acq: 28 Jan 2022 13:38

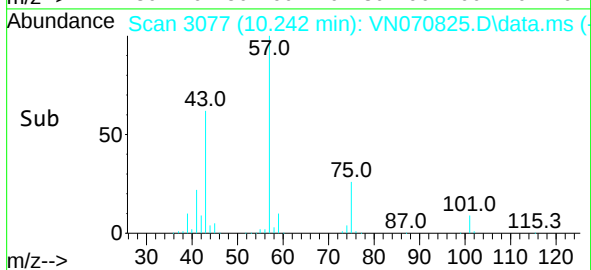
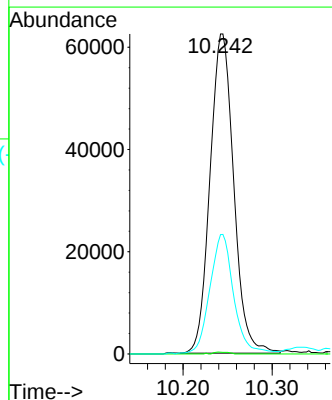
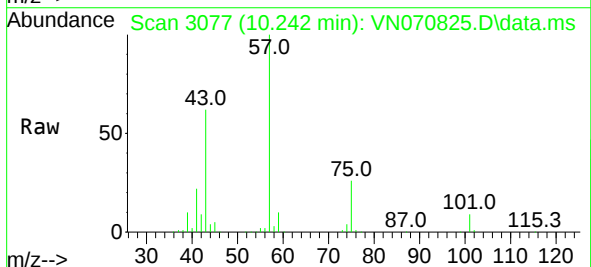
Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316ZHE#02

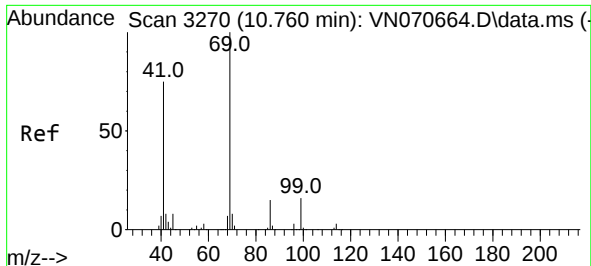
Tgt Ion: 75 Resp: 530
 Ion Ratio Lower Upper
 75 100
 77 45.4 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 7.363 ug/l
 RT: 10.242 min Scan# 3077
 Delta R.T. 0.054 min
 Lab File: VN070825.D
 Acq: 28 Jan 2022 13:38

Tgt Ion: 75 Resp: 115507
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.4 39.6#
 39 37.1 42.5 63.7#

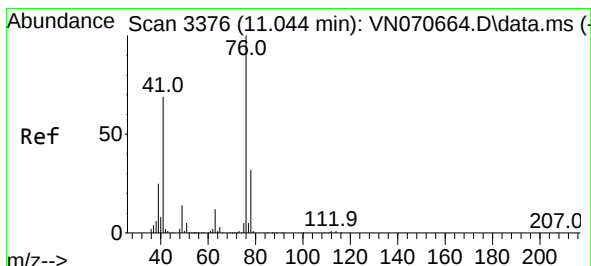
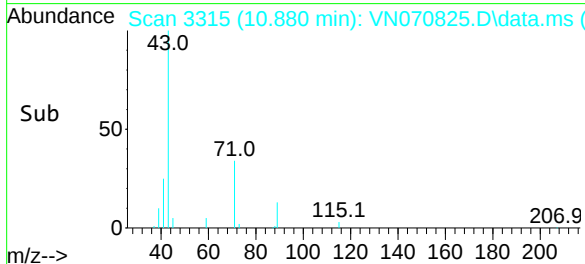
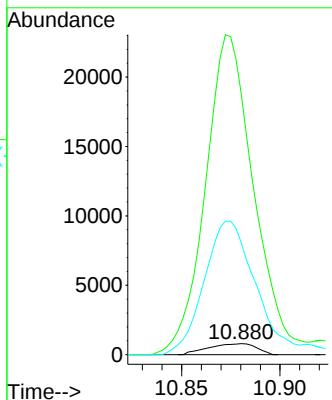
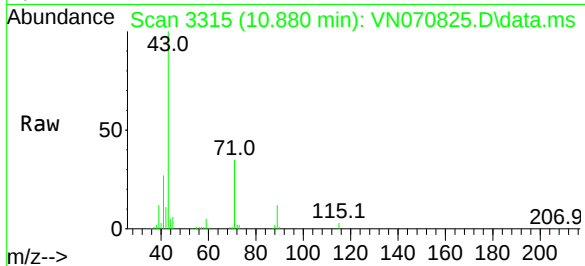




#56
Ethyl methacrylate
Concen: 2.373 ug/l
RT: 10.880 min Scan# 31
Delta R.T. 0.120 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

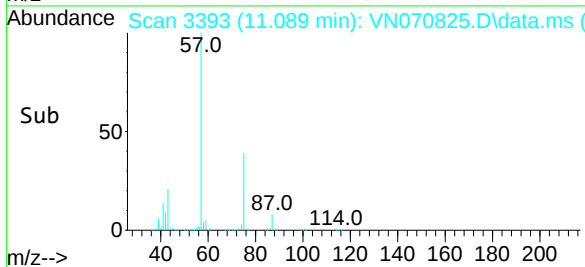
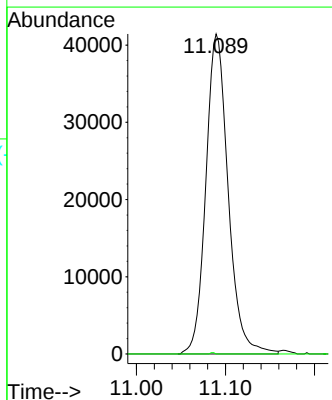
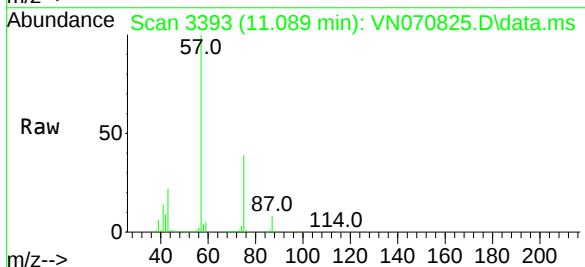
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

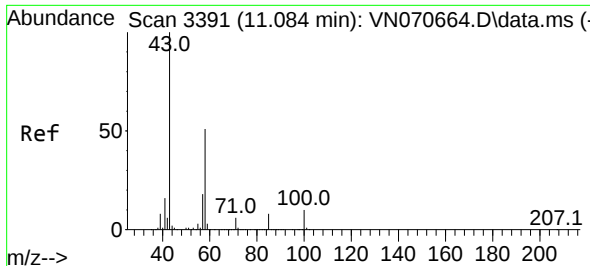
Tgt Ion: 69 Resp: 1349
Ion Ratio Lower Upper
69 100
41 2924.5 51.4 77.0#
39 1324.8 34.6 52.0#



#57
1,3-Dichloropropane
Concen: 4.283 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.045 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Tgt Ion: 76 Resp: 72080
Ion Ratio Lower Upper
76 100
78 0.1 25.7 38.5#

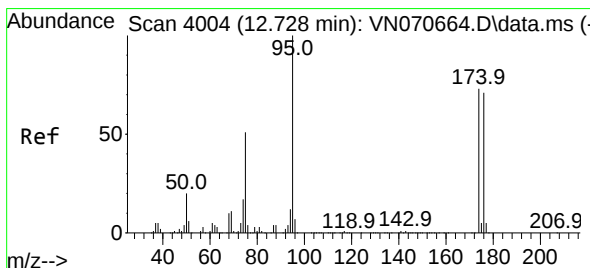
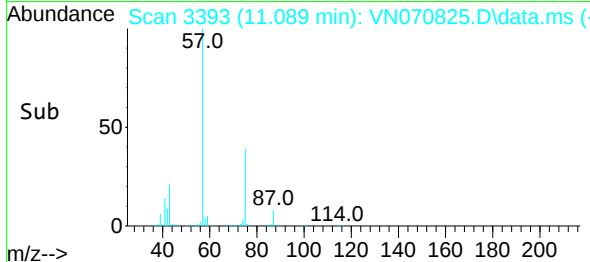
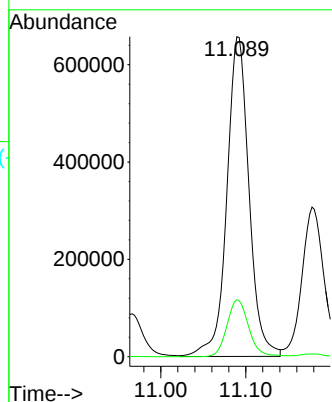
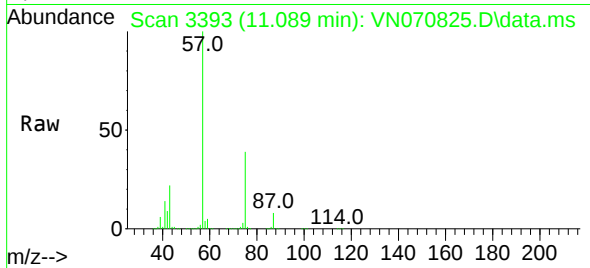




#59
2-Hexanone
Concen: 96.967 ug/l
RT: 11.089 min Scan# 311
Delta R.T. 0.005 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

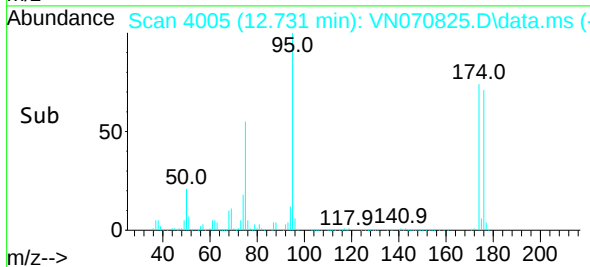
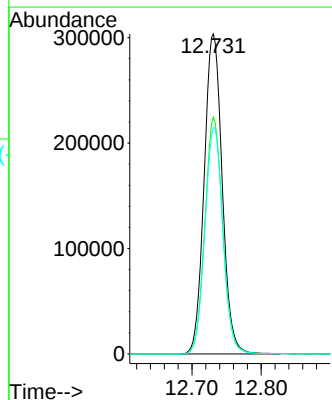
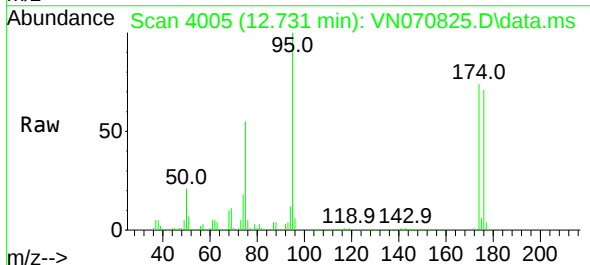
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

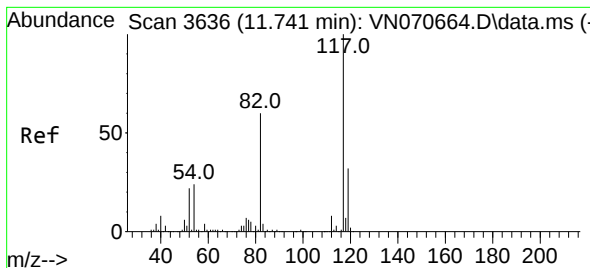
Tgt Ion: 43 Resp: 1189897
Ion Ratio Lower Upper
43 100
58 17.5 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 47.124 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Tgt Ion: 95 Resp: 548574
Ion Ratio Lower Upper
95 100
174 73.3 0.0 187.2
176 71.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. 0.003 min

Lab File: VN070825.D

Acq: 28 Jan 2022 13:38

Instrument :

MSVOA_N

ClientSampleId :

PB142316ZHE#02

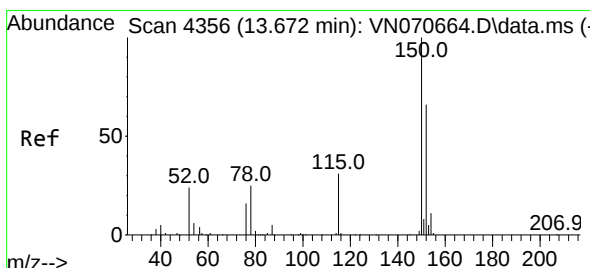
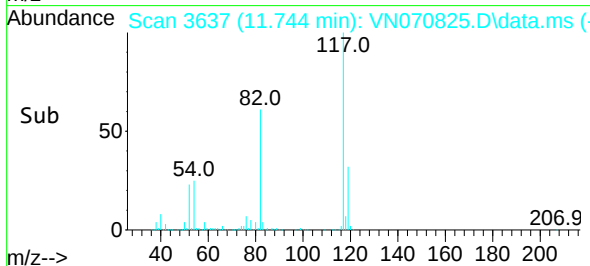
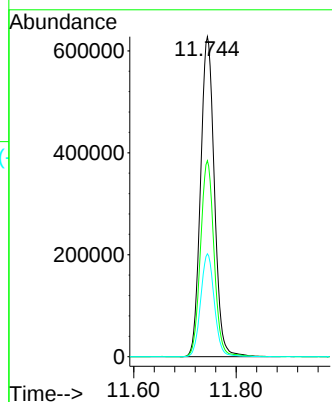
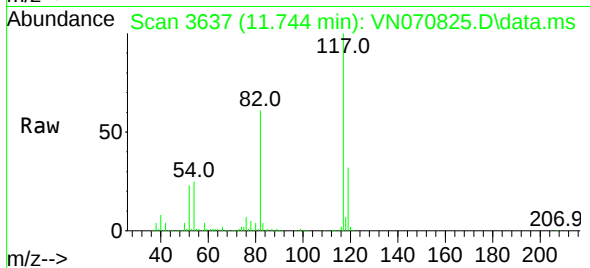
Tgt Ion:117 Resp: 1175505

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070825.D

Acq: 28 Jan 2022 13:38

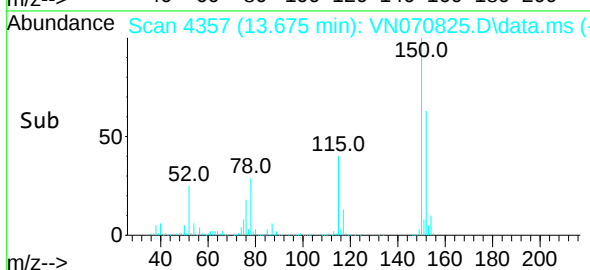
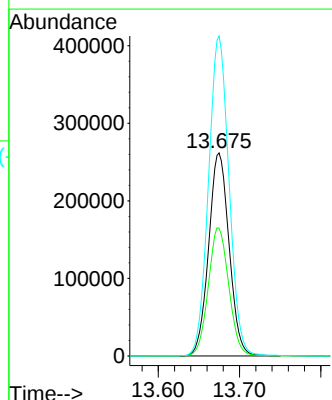
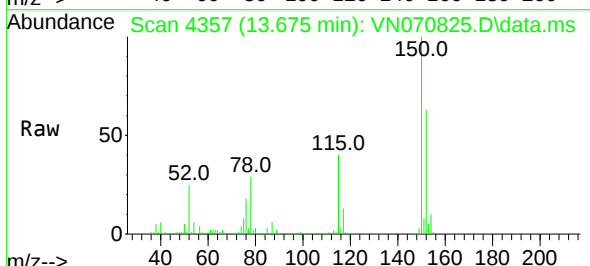
Tgt Ion:152 Resp: 457934

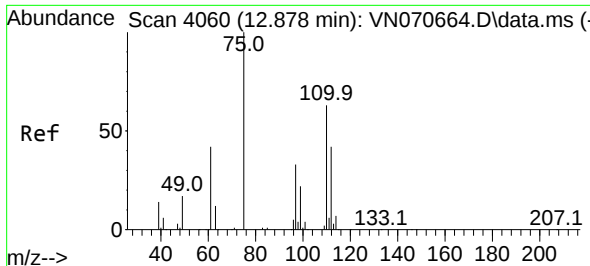
Ion Ratio Lower Upper

152 100

115 63.2 27.5 82.5

150 157.3 0.0 344.4

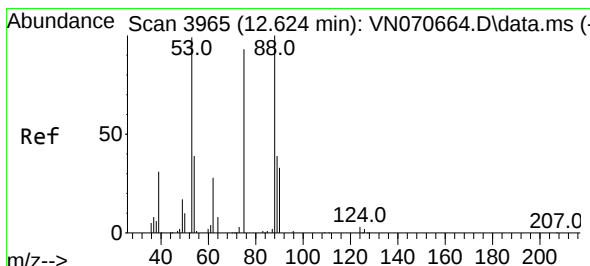
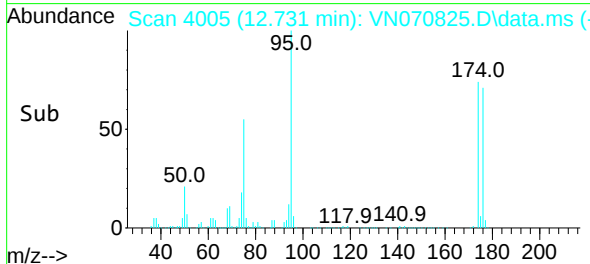
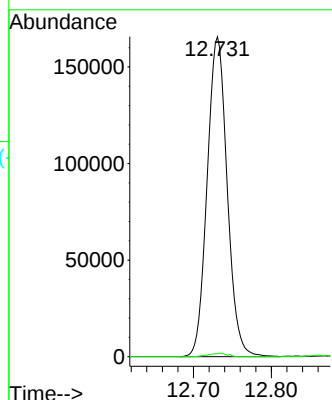
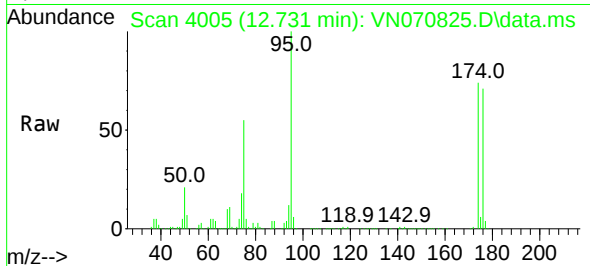




#76
1,2,3-Trichloropropane
Concen: 24.367 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

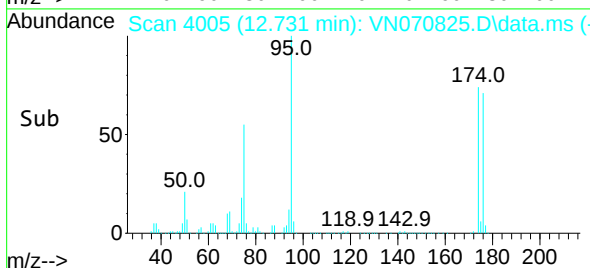
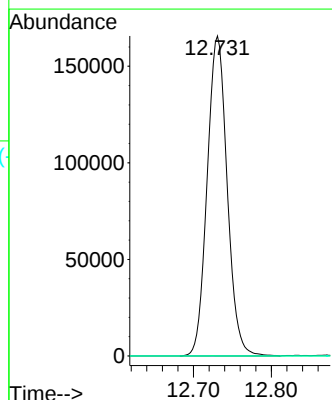
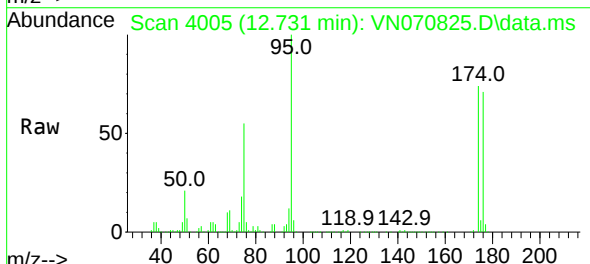
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

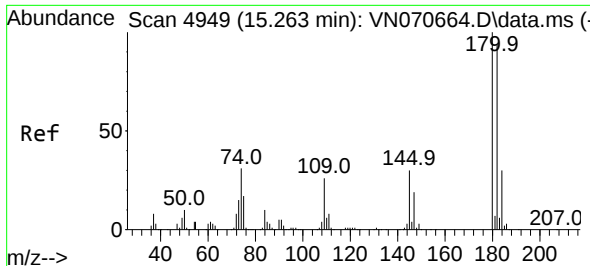
Tgt Ion: 75 Resp: 295957
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.595 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

Tgt Ion: 75 Resp: 295957
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

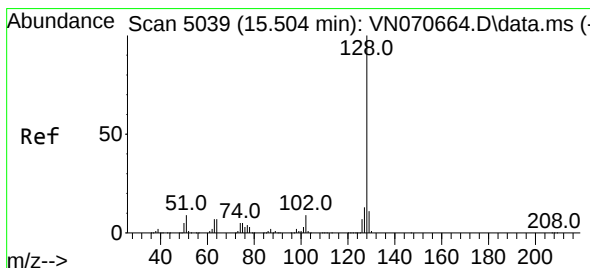
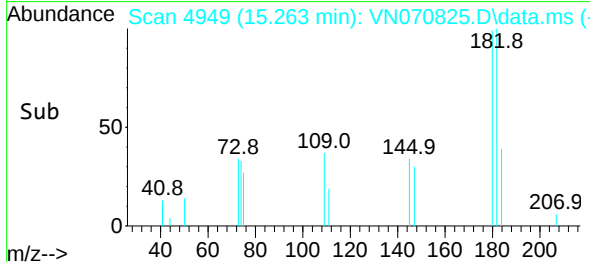
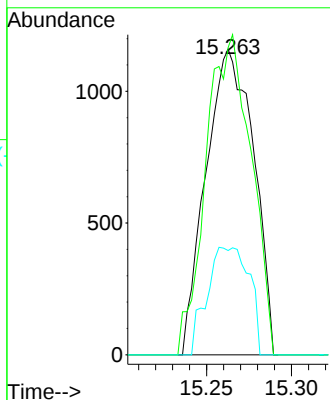
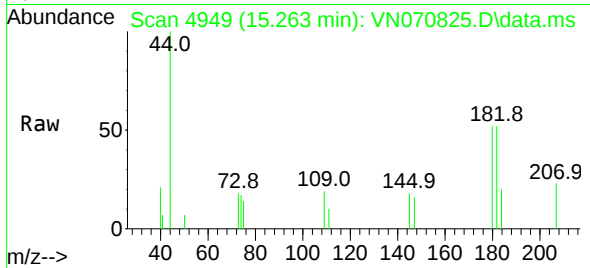




#93
1,2,4-Trichlorobenzene
Concen: 3.674 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

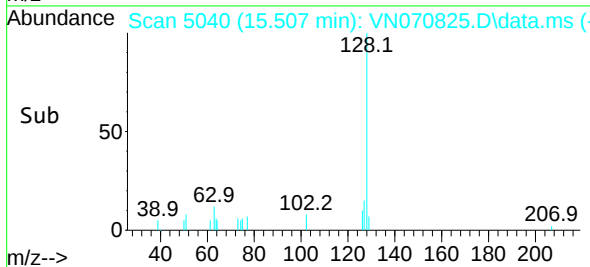
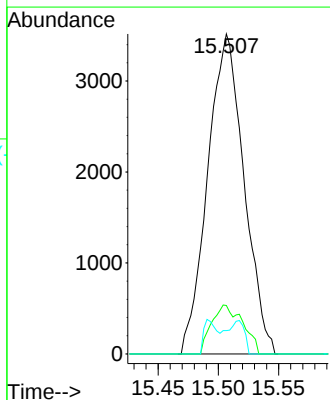
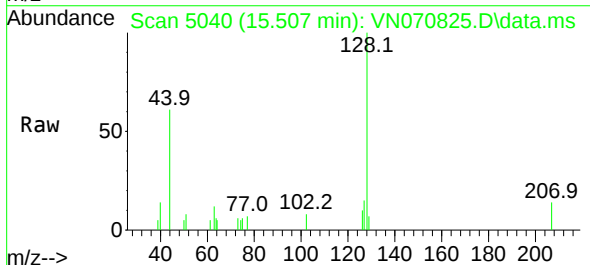
Instrument :
MSVOA_N
ClientSampleId :
PB142316ZHE#02

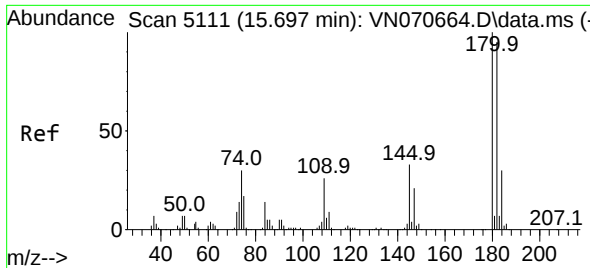
Tgt Ion:180 Resp: 2258
Ion Ratio Lower Upper
180 100
182 99.6 48.3 144.9
145 31.0 14.5 43.5



#95
Naphthalene
Concen: 5.228 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070825.D
Acq: 28 Jan 2022 13:38

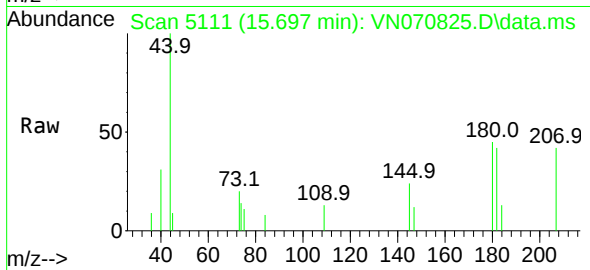
Tgt Ion:128 Resp: 7365
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 3.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.353 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN070825.D
 Acq: 28 Jan 2022 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316ZHE#02



Tgt Ion:180 Resp: 1182
 Ion Ratio Lower Upper
 180 100
 182 181.6 47.4 142.2#
 145 60.2 15.0 45.1#

