

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073100.D
 Acq On : 25 Jun 2022 10:48
 Operator : JC\MD
 Sample : VN0625MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBL01

Quant Time: Jun 27 03:33:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

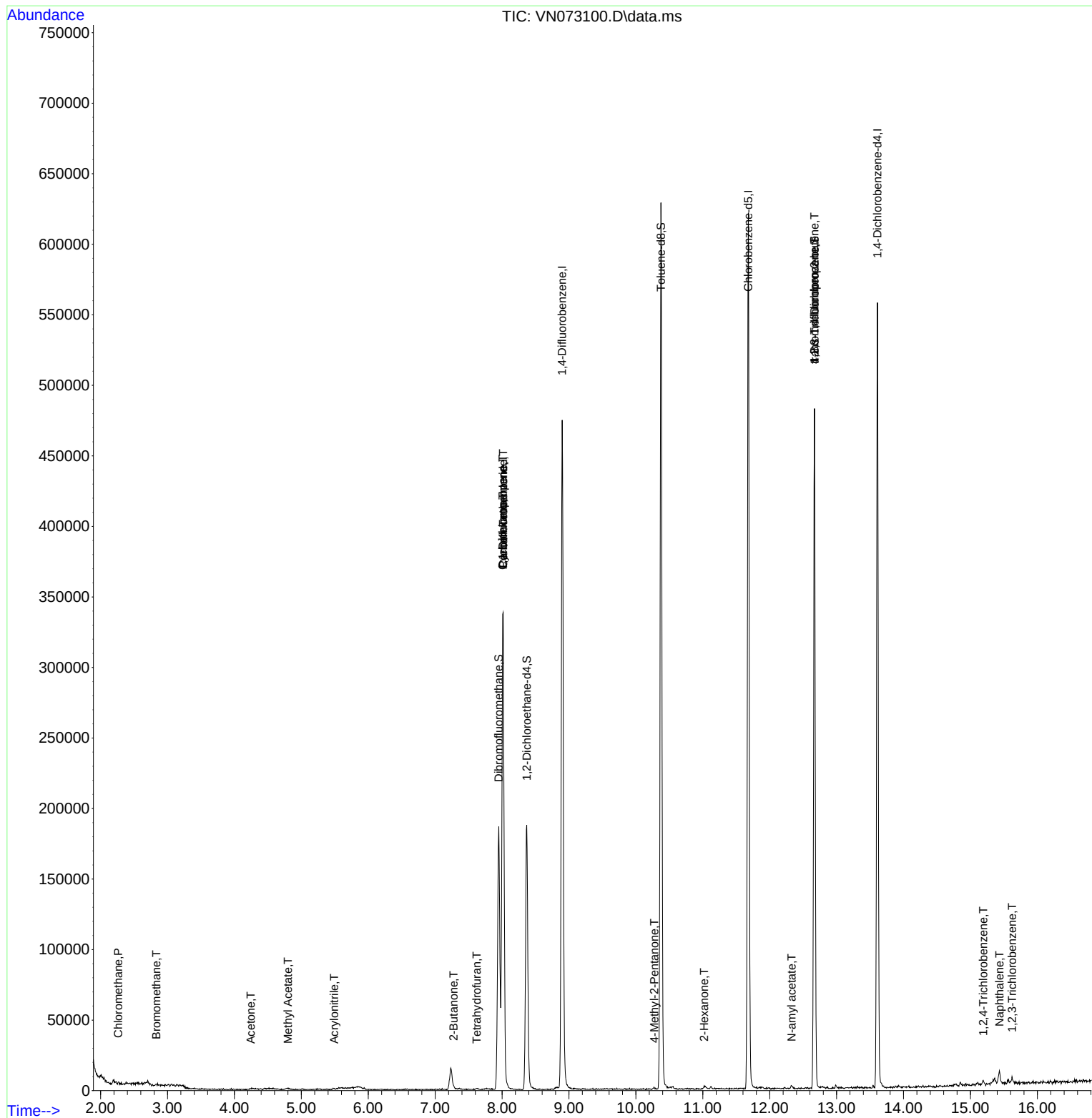
Internal Standards						
1) Pentafluorobenzene	8.016	168	255985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	421749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	358769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	149669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	158815	45.889	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.780%		
35) Dibromofluoromethane	7.951	113	135216	51.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.740%		
50) Toluene-d8	10.374	98	429790	44.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.620%		
62) 4-Bromofluorobenzene	12.668	95	161476	46.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.600%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	406	0.722	ug/l #	69
5) Bromomethane	2.834	94	378	0.439	ug/l	86
15) Acrylonitrile	5.492	53	505	0.245	ug/l #	54
16) Acetone	4.245	43	716	0.376	ug/l #	42
18) Methyl Acetate	4.798	43	2510	0.495	ug/l #	53
20) Methylene Chloride	4.998	84	189	Below Cal	#	10
25) 2-Butanone	7.275	43	1240	0.411	ug/l #	45
26) 2,2-Dichloropropane	7.234	77	1064	Below Cal	#	53
29) Tetrahydrofuran	7.622	42	594	0.298	ug/l #	43
31) Cyclohexane	8.010	56	6108	1.305	ug/l #	1
36) 1,1-Dichloropropene	8.010	75	21231	6.019	ug/l #	49
38) Carbon Tetrachloride	8.016	117	26931	7.259	ug/l #	16
51) 4-Methyl-2-Pentanone	10.274	43	1531	0.291	ug/l #	52
59) 2-Hexanone	11.021	43	2709	0.666	ug/l	67
74) N-amyl acetate	12.327	43	1606	0.267	ug/l #	71
76) 1,2,3-Trichloropropane	12.668	75	85293	23.505	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	85293	63.478	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.192	180	1221	0.427	ug/l	78
95) Naphthalene	15.433	128	8945	0.774	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.621	180	1973	0.646	ug/l	95

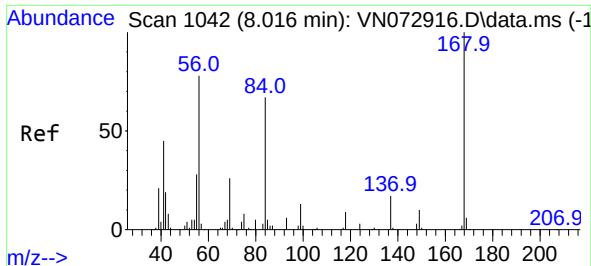
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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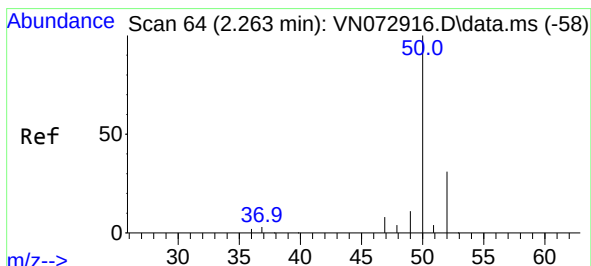
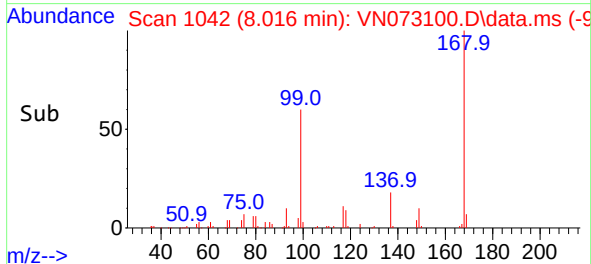
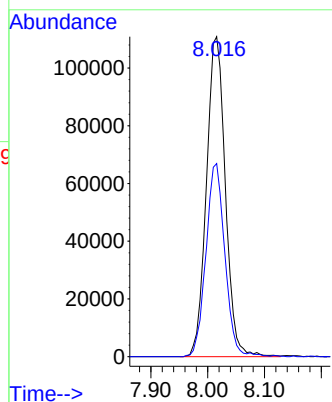
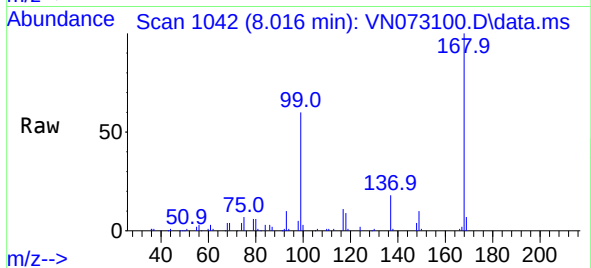




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

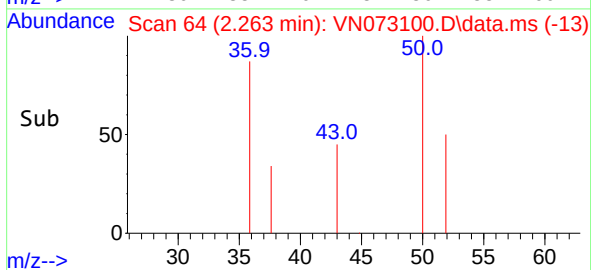
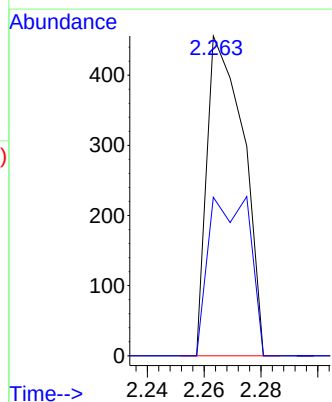
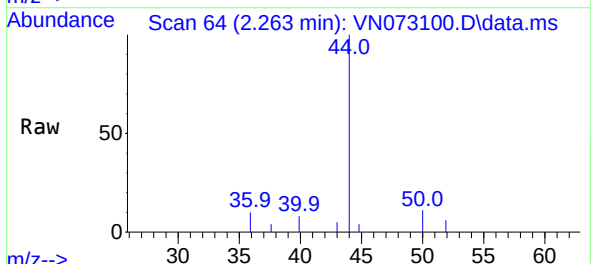
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

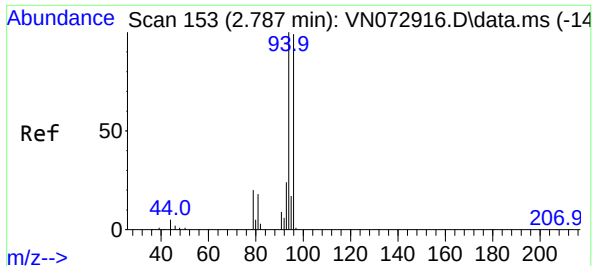
Tgt Ion:168 Resp: 255985
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#3
Chloromethane
Concen: 0.722 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

Tgt Ion: 50 Resp: 406
Ion Ratio Lower Upper
50 100
52 49.6 25.7 38.5#

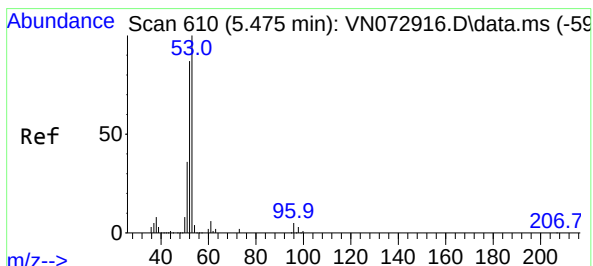
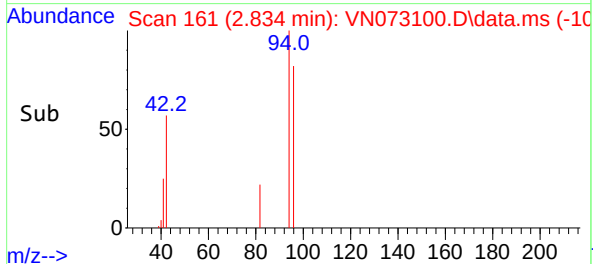
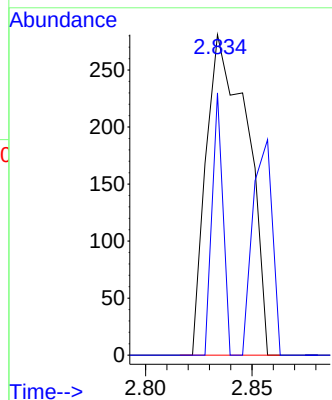
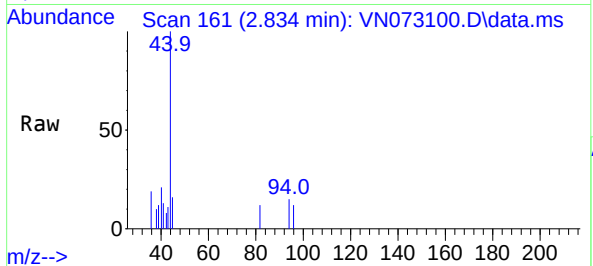




#5
Bromomethane
Concen: 0.439 ug/l
RT: 2.834 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

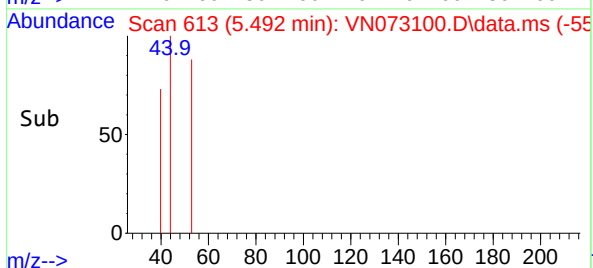
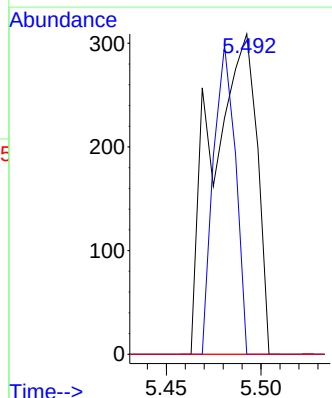
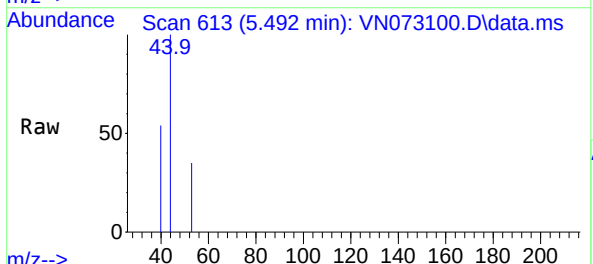
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

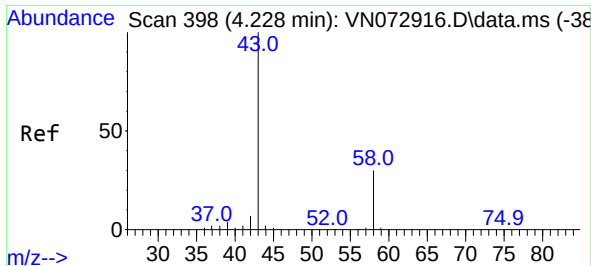
Tgt Ion: 94 Resp: 378
Ion Ratio Lower Upper
94 100
96 81.9 76.0 114.0



#15
Acrylonitrile
Concen: 0.245 ug/l
RT: 5.492 min Scan# 613
Delta R.T. 0.018 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

Tgt Ion: 53 Resp: 505
Ion Ratio Lower Upper
53 100
52 47.7 66.4 99.6#
51 0.0 28.5 42.7#

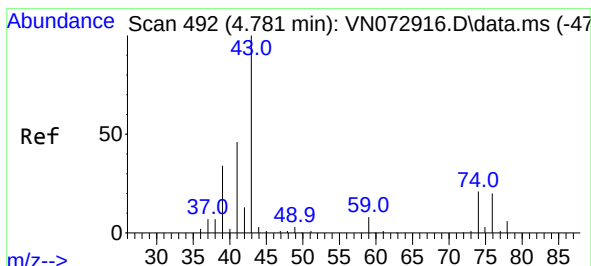
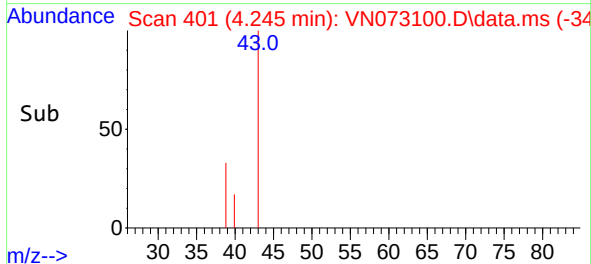
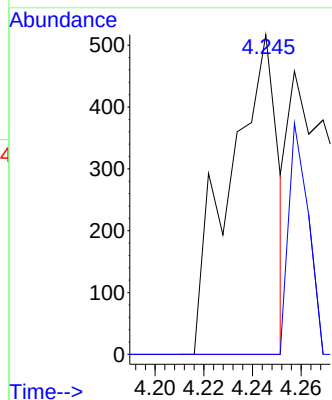
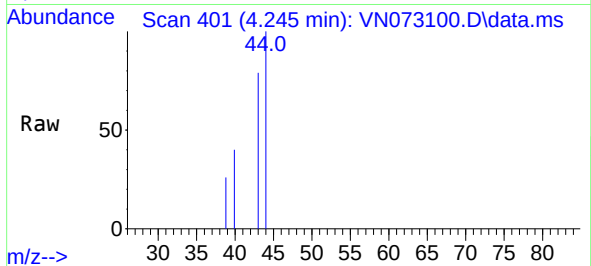




#16
Acetone
Concen: 0.376 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.018 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

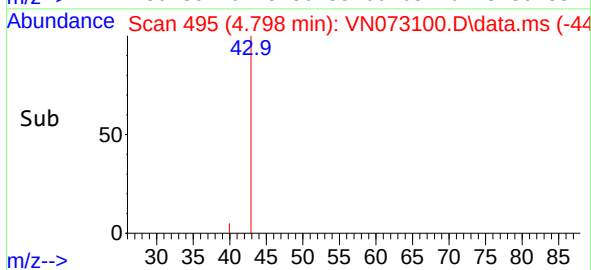
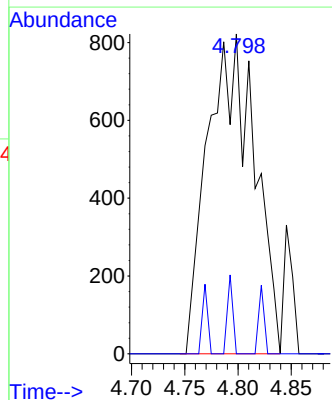
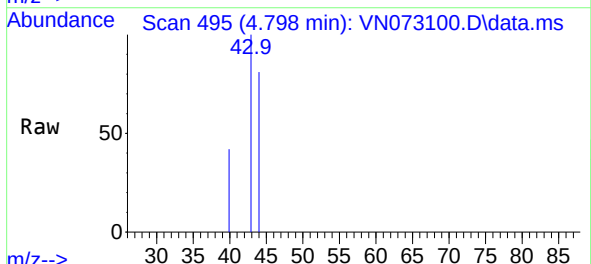
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

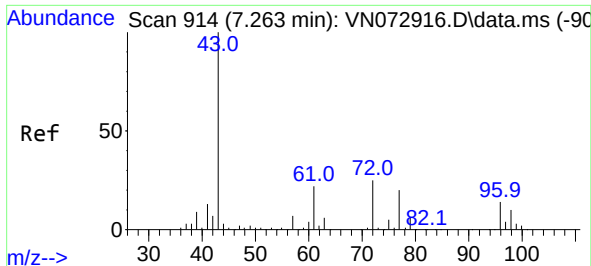
Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.495 ug/l
RT: 4.798 min Scan# 495
Delta R.T. 0.018 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

Tgt Ion: 43 Resp: 2510
Ion Ratio Lower Upper
43 100
74 2.9 21.6 32.4#

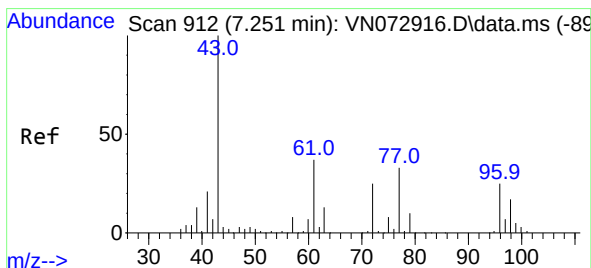
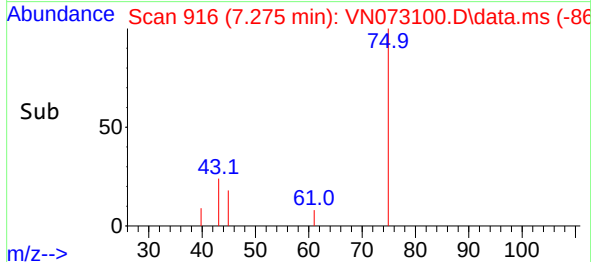
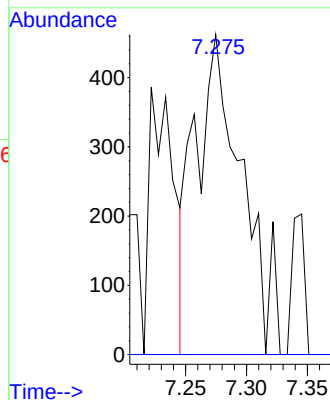
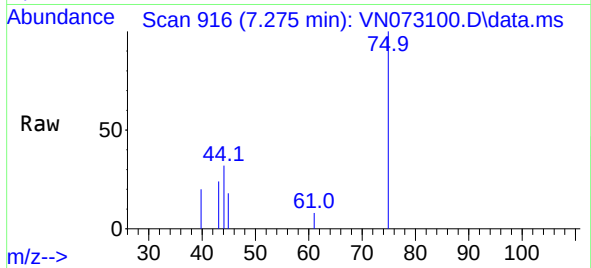




#25
2-Butanone
Concen: 0.411 ug/l
RT: 7.275 min Scan# 914
Delta R.T. 0.012 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

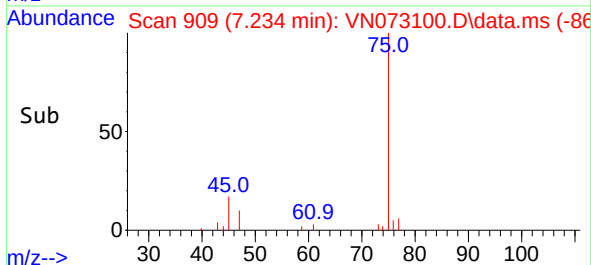
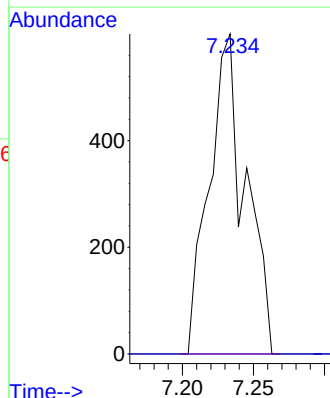
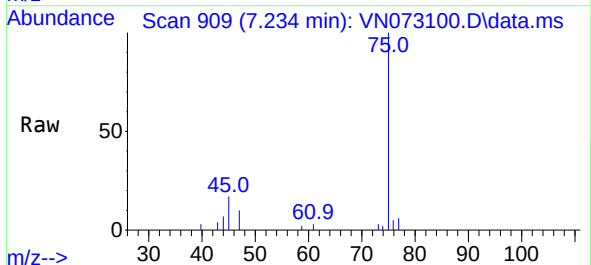
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

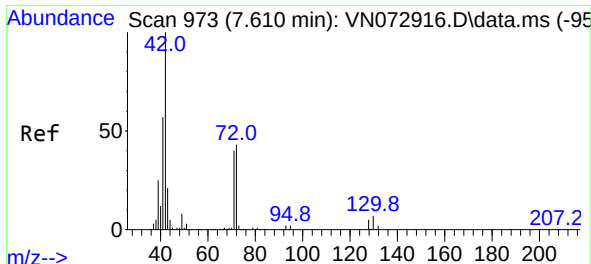
Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.234 min Scan# 909
Delta R.T. -0.018 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

Tgt Ion: 77 Resp: 1064
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

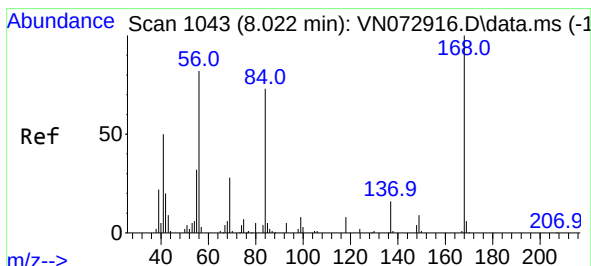
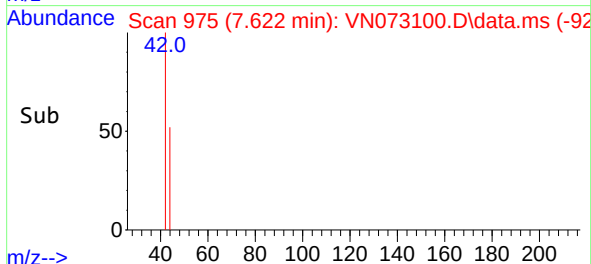
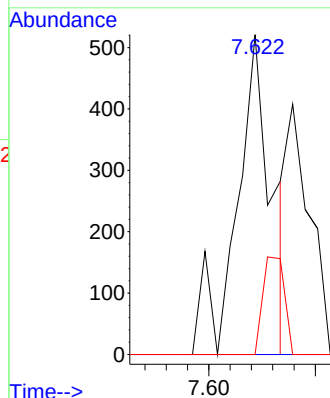
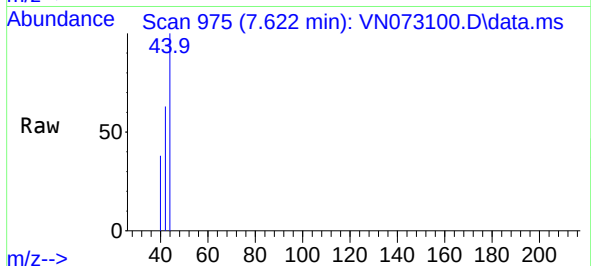




#29
Tetrahydrofuran
Concen: 0.298 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

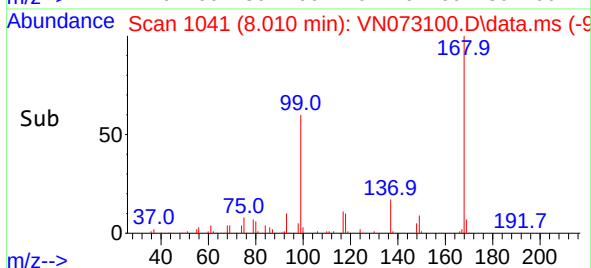
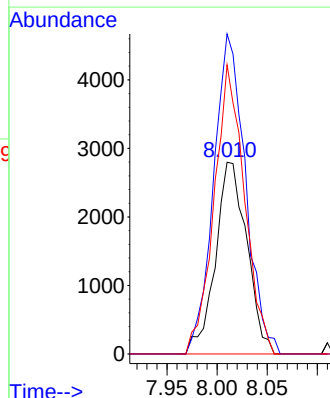
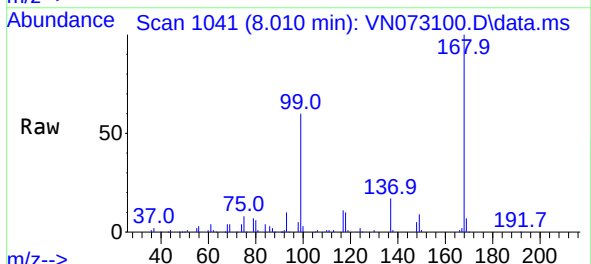
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

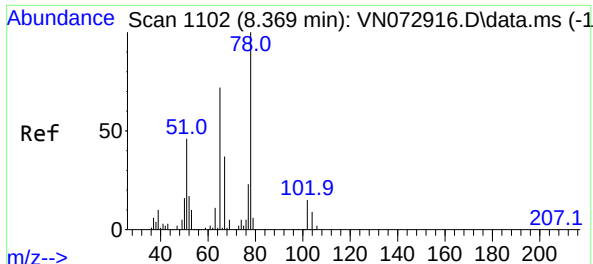
Tgt Ion:	42	Resp:	594
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.7	59.5#
71	18.7	36.6	55.0#



#31
Cyclohexane
Concen: 1.305 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

Tgt Ion:	56	Resp:	6108
Ion	Ratio	Lower	Upper
56	100		
69	166.9	27.8	41.8#
84	150.8	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 45.889 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073100.D

Acq: 25 Jun 2022 10:48

Instrument :

MSVOA_N

ClientSampleId :

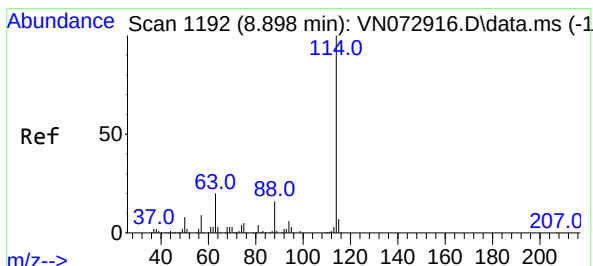
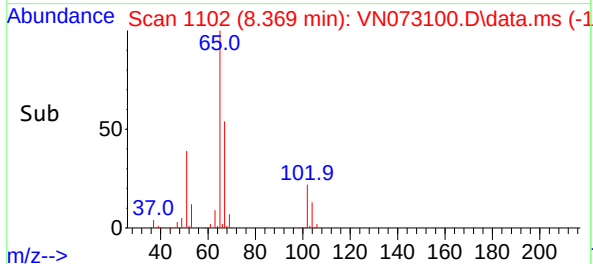
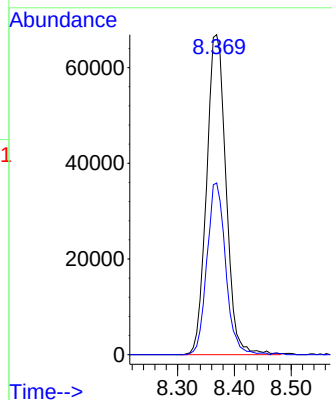
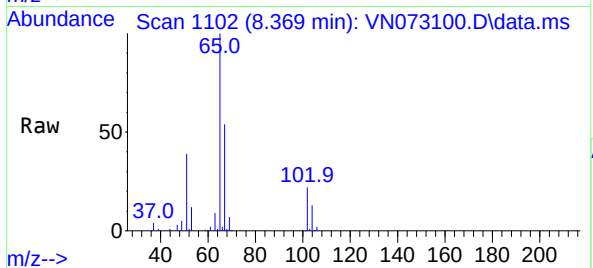
VN0625MBL01

Tgt Ion: 65 Resp: 158815

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073100.D

Acq: 25 Jun 2022 10:48

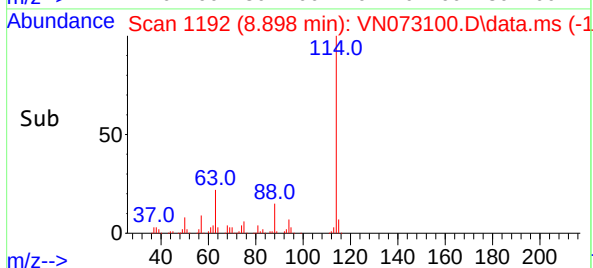
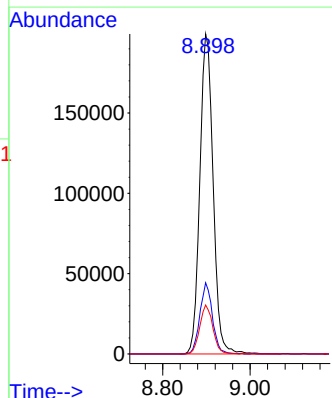
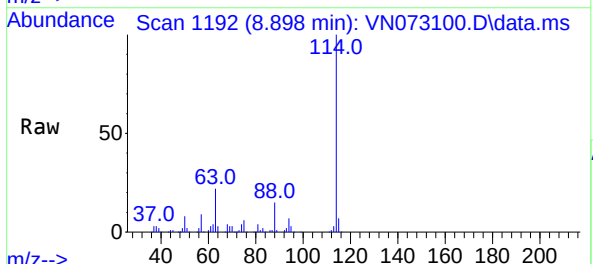
Tgt Ion: 114 Resp: 421749

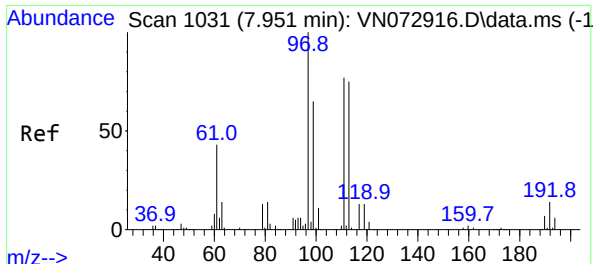
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 15.3 0.0 32.6

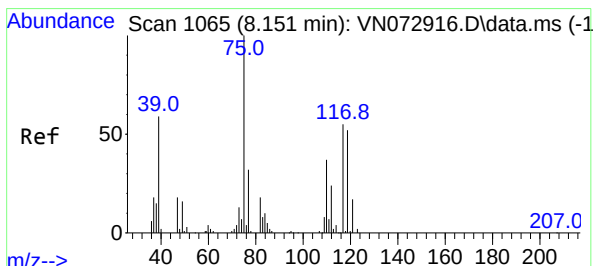
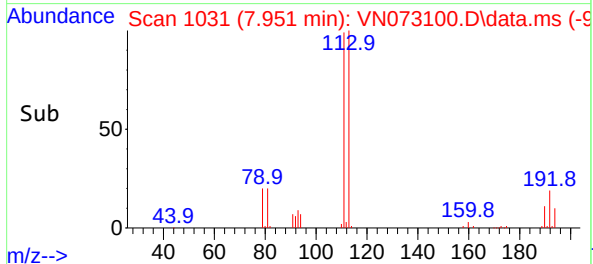
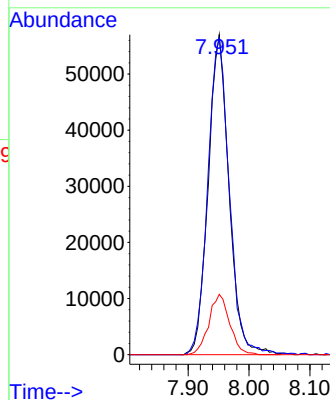
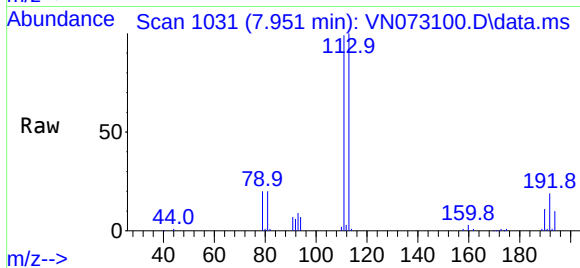




#35
Dibromofluoromethane
Concen: 51.871 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

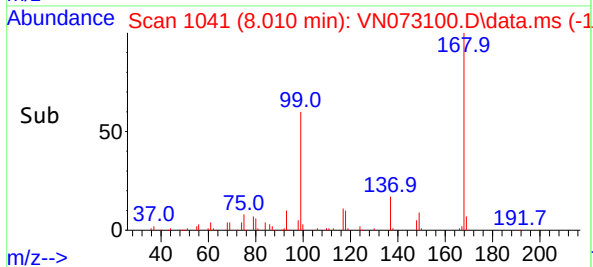
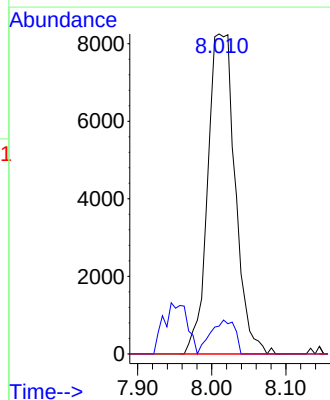
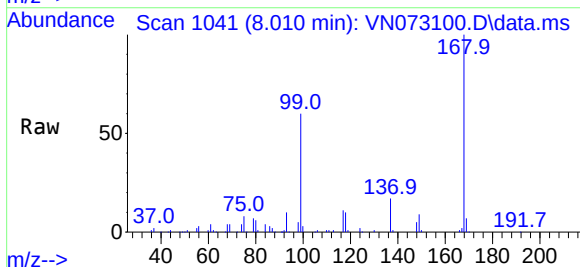
Instrument :
MSVOA_N
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VN0625MBL01

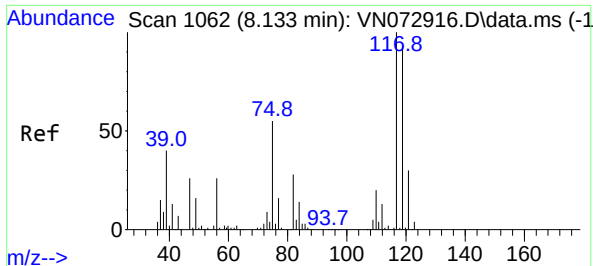
Tgt Ion:113 Resp: 135216
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 18.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 6.019 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

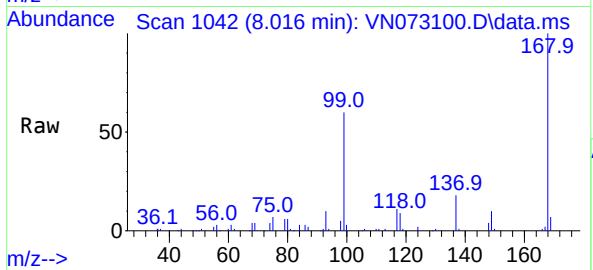
Tgt Ion: 75 Resp: 21231
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 25.1 37.7#



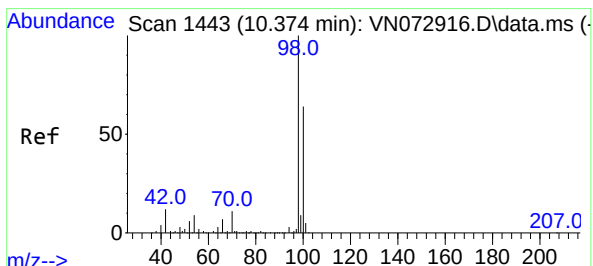
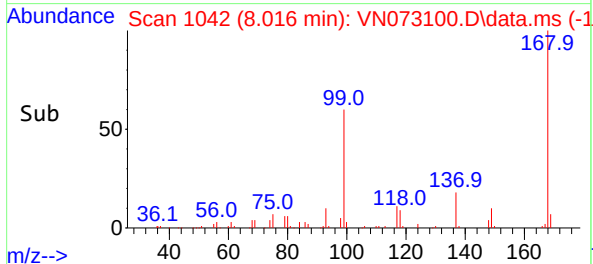
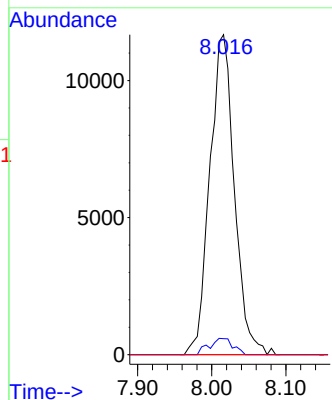


#38
Carbon Tetrachloride
Concen: 7.259 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

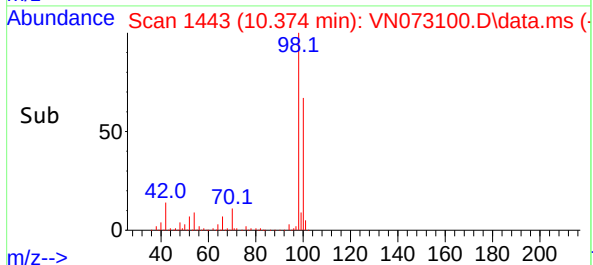
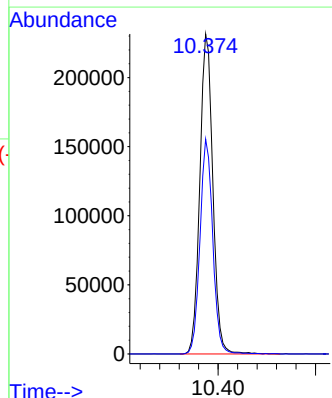
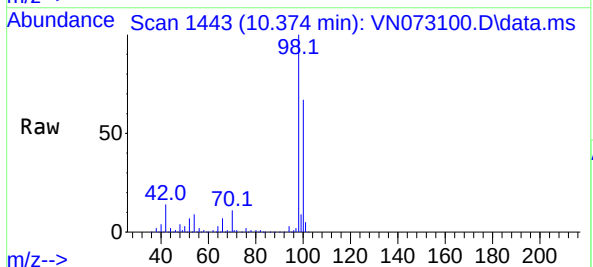


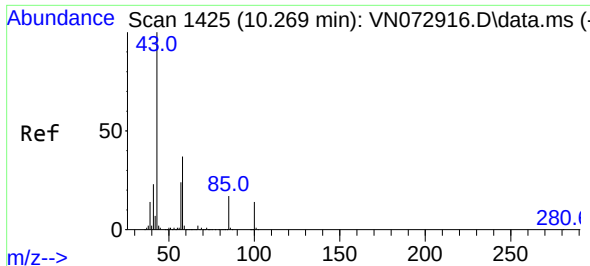
Tgt Ion:117 Resp: 26931
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.309 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

Tgt Ion: 98 Resp: 429790
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

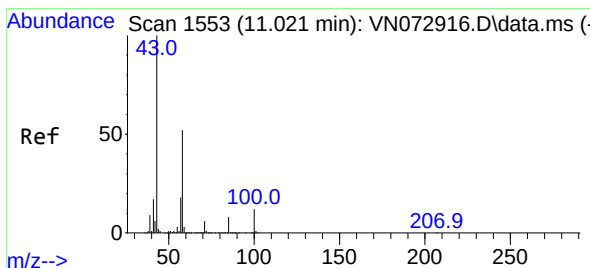
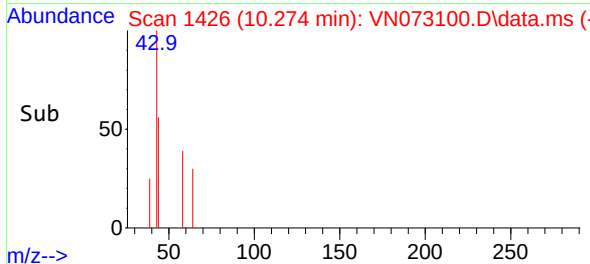
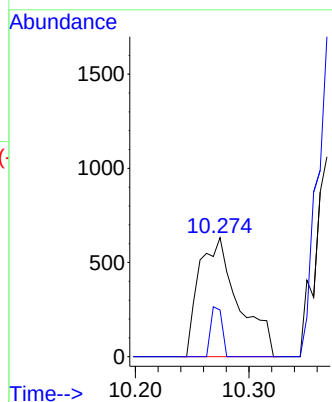
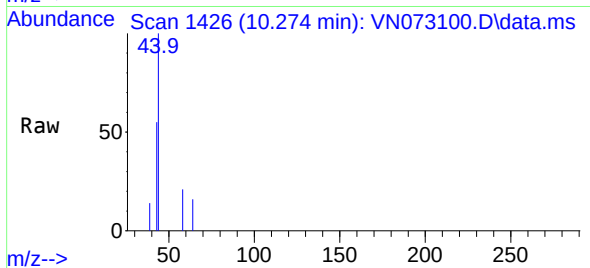




#51
4-Methyl-2-Pentanone
Concen: 0.291 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

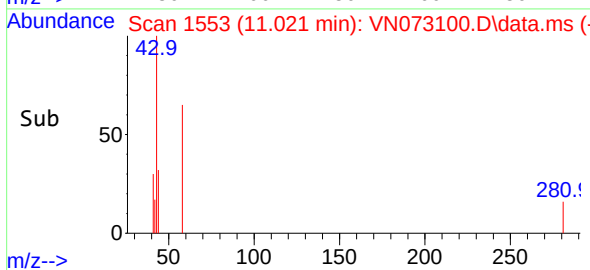
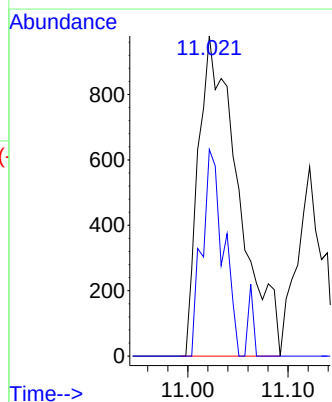
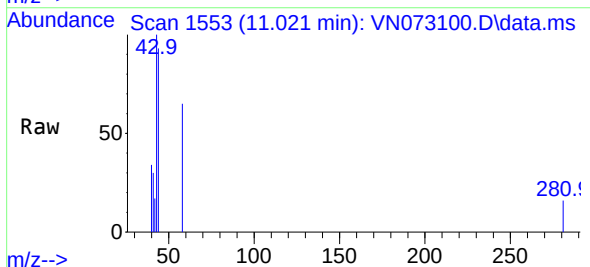
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

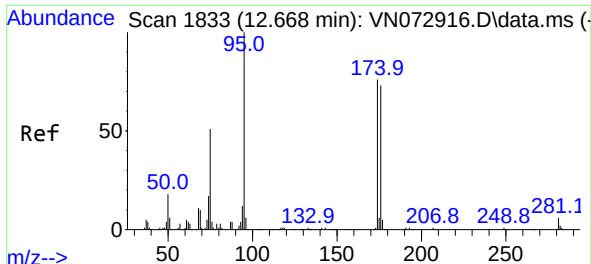
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 11.8 34.1 51.1#



#59
2-Hexanone
Concen: 0.666 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

Tgt Ion: 43 Resp: 2709
Ion Ratio Lower Upper
43 100
58 34.7 29.7 89.1

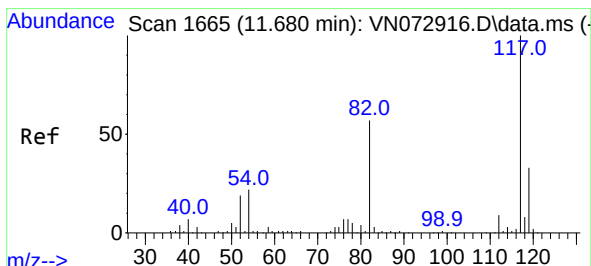
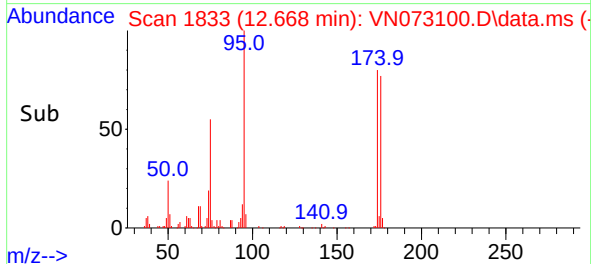
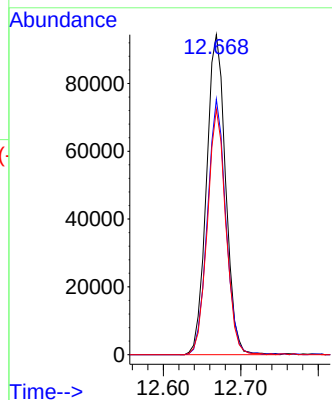
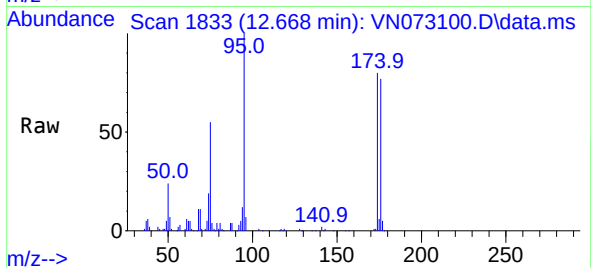




#62
4-Bromofluorobenzene
Concen: 46.295 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

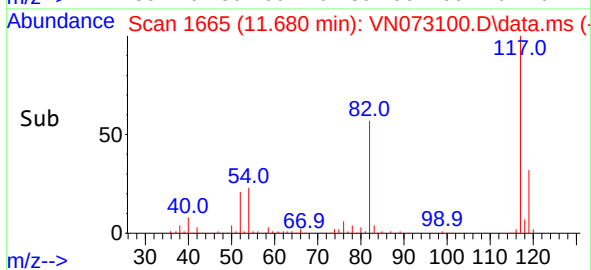
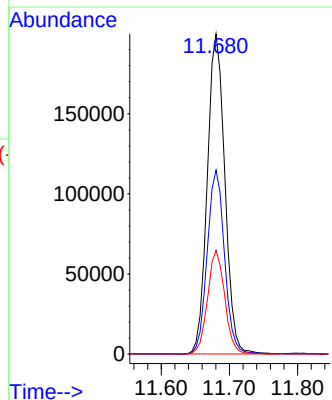
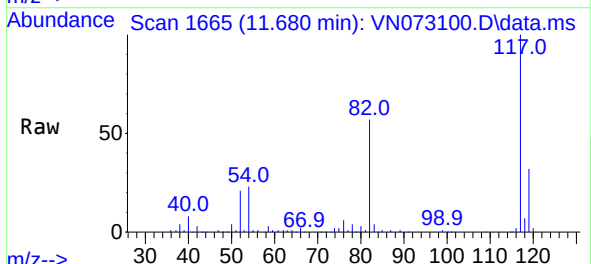
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

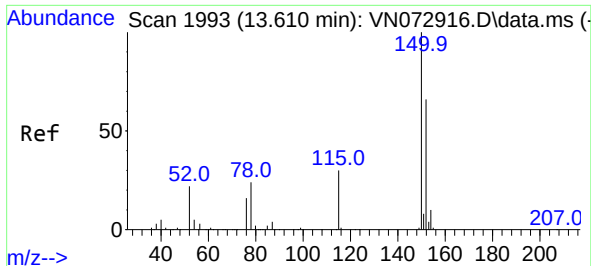
Tgt Ion: 95 Resp: 161476
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 73.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

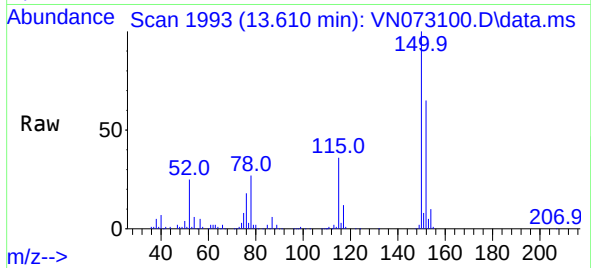
Tgt Ion: 117 Resp: 358769
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 32.4 25.4 38.0



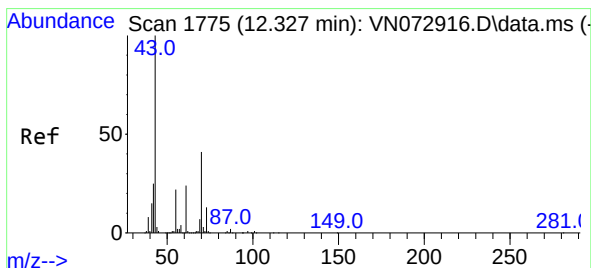
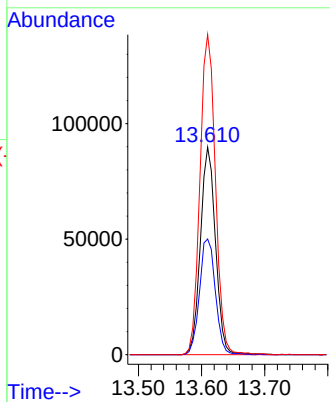
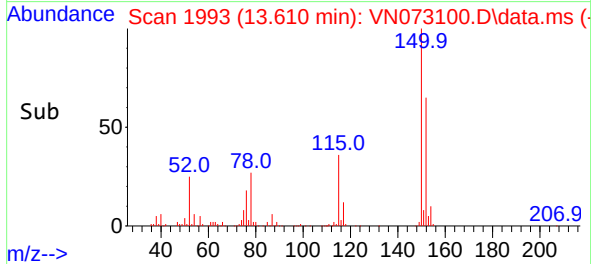


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

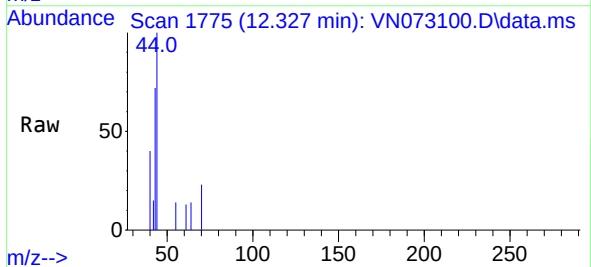
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01



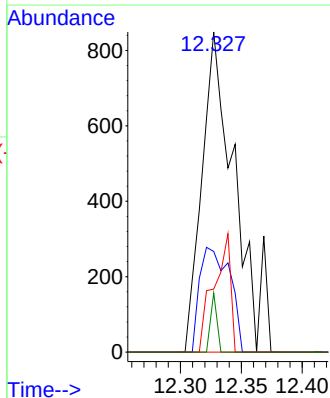
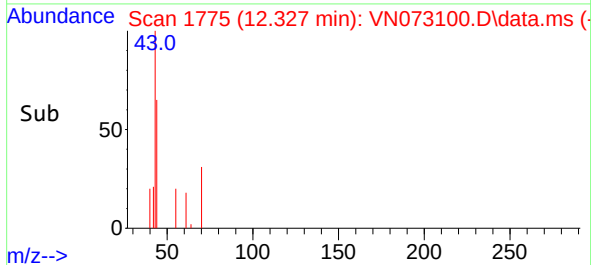
Tgt Ion:152 Resp: 149669
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.7
150 157.5 0.0 356.2

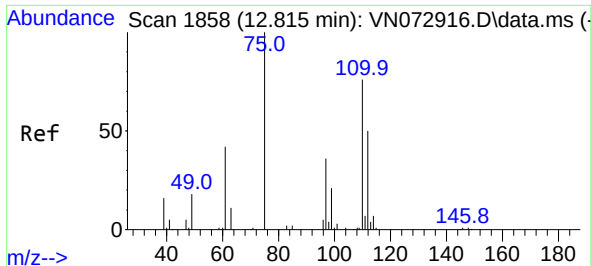


#74
N-ethyl acetate
Concen: 0.267 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48



Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
70 29.7 39.0 58.4#
55 18.8 21.1 31.7#
61 3.4 21.1 31.7#

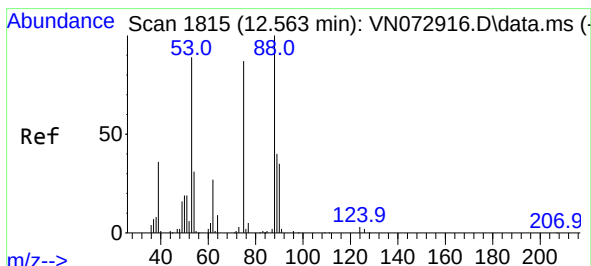
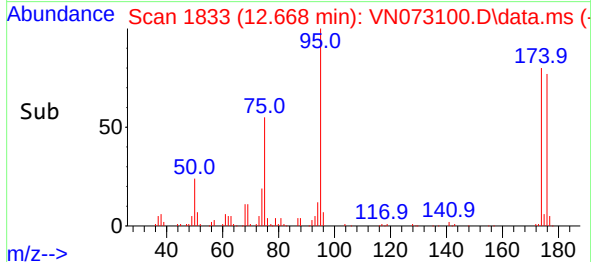
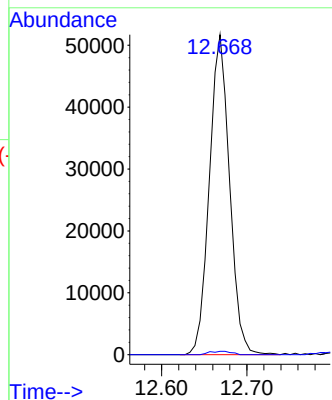
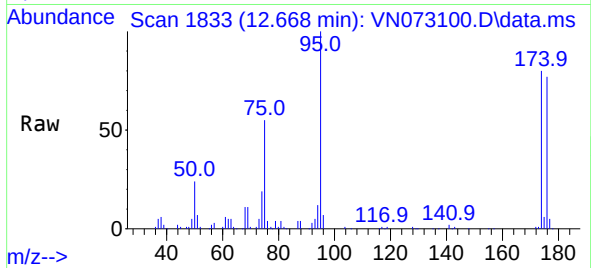




#76
1,2,3-Trichloropropane
Concen: 23.505 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

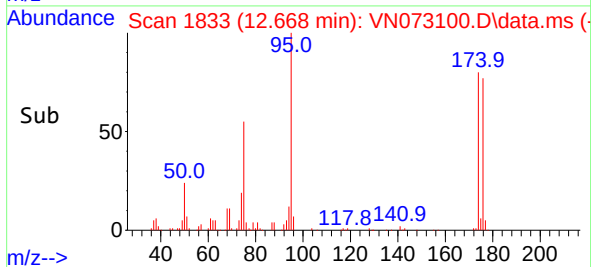
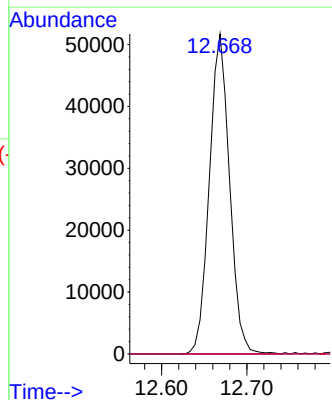
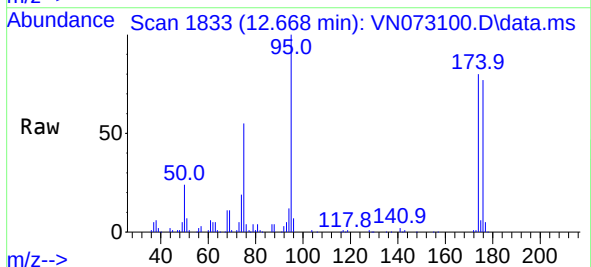
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

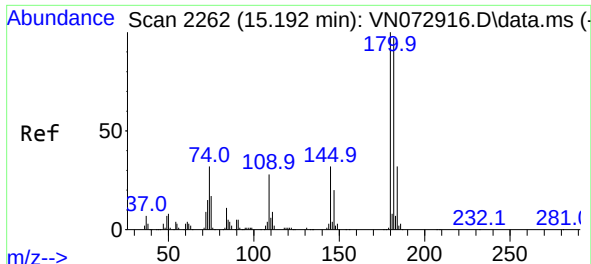
Tgt Ion: 75 Resp: 85293
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.478 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

Tgt Ion: 75 Resp: 85293
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

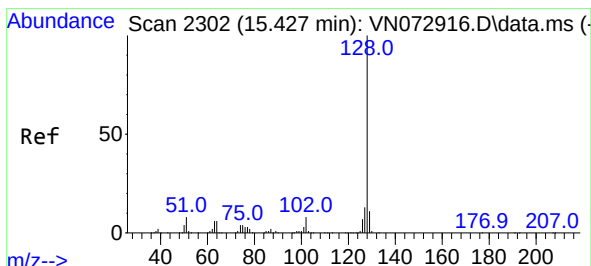
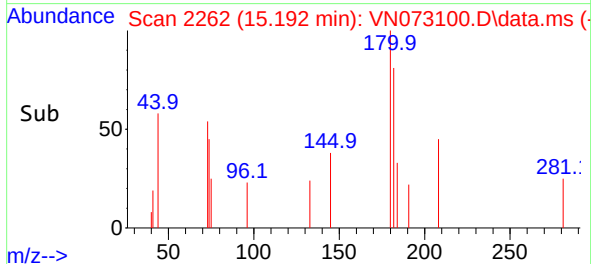
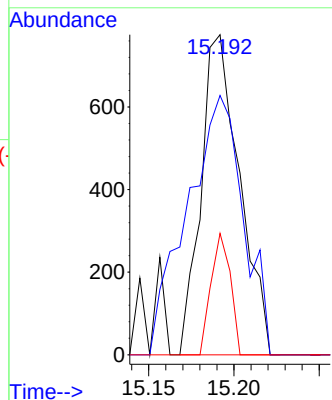
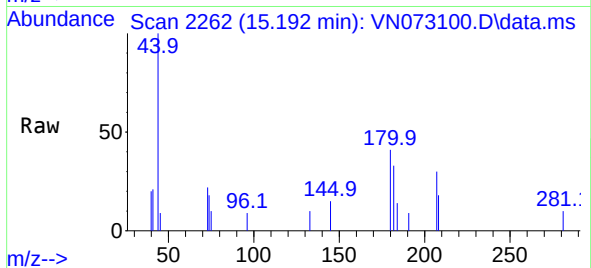




#93
1,2,4-Trichlorobenzene
Concen: 0.427 ug/l
RT: 15.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

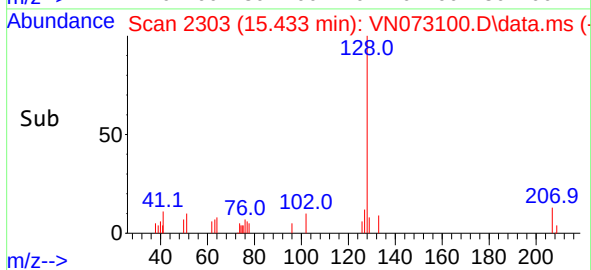
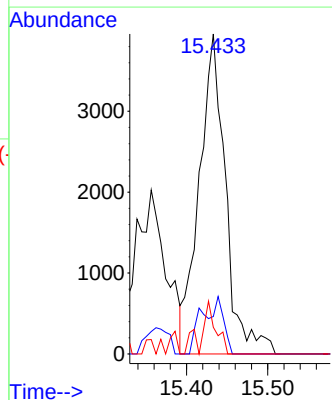
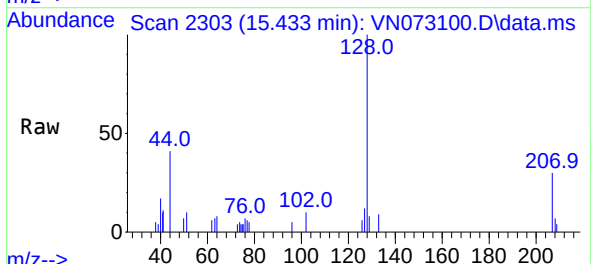
Instrument :
MSVOA_N
ClientSampleId :
VN0625MBL01

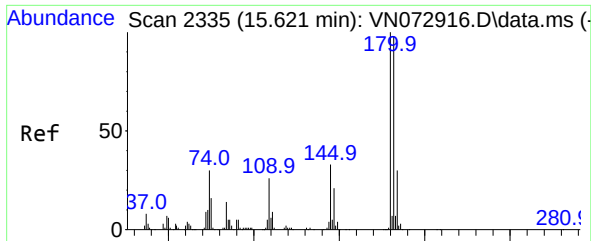
Tgt Ion:180 Resp: 1221
Ion Ratio Lower Upper
180 100
182 117.8 47.5 142.5
145 19.0 14.5 43.5



#95
Naphthalene
Concen: 0.774 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073100.D
Acq: 25 Jun 2022 10:48

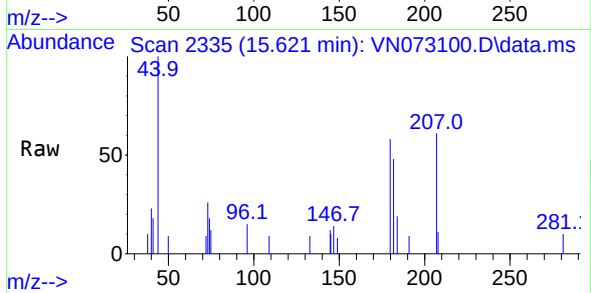
Tgt Ion:128 Resp: 8945
Ion Ratio Lower Upper
128 100
127 7.3 10.3 15.5#
129 7.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.646 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073100.D
 Acq: 25 Jun 2022 10:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBL01



Tgt Ion:	180	Resp:	1973
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.8	143.3
145	24.1	15.5	46.5

