

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073815.D
 Acq On : 11 Aug 2022 10:46
 Operator : JC\MD
 Sample : VN0811MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811MBL01

Quant Time: Aug 12 05:57:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

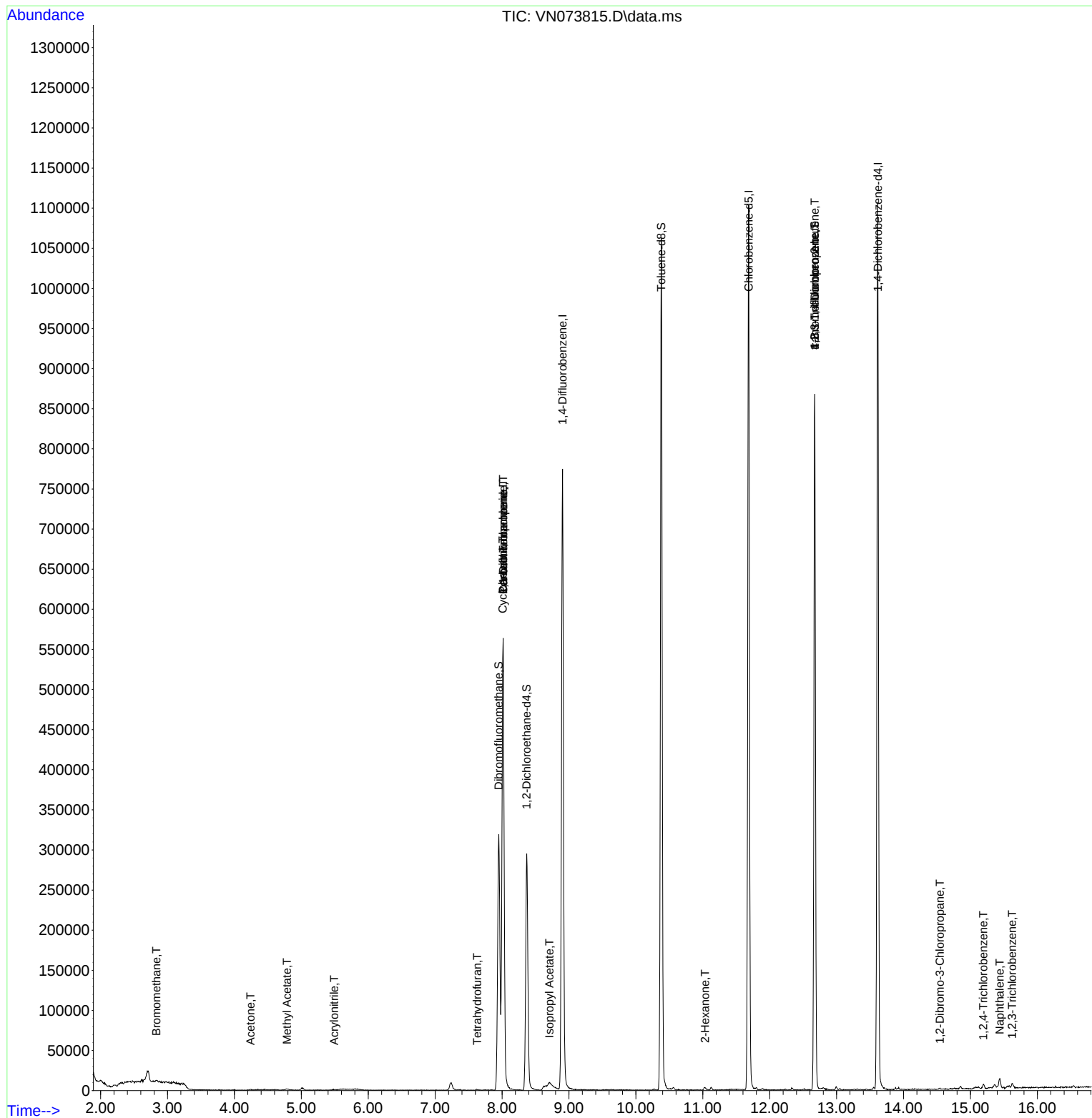
Internal Standards						
1) Pentafluorobenzene	8.016	168	463068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	711645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	667075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	319210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	242832	43.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.060%
35) Dibromofluoromethane	7.951	113	236297	52.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.760%
50) Toluene-d8	10.380	98	761391	43.298	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.600%
62) 4-Bromofluorobenzene	12.674	95	281128	45.786	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1137	Below Cal		93
5) Bromomethane	2.834	94	2412	0.529 ug/l		94
6) Chloroethane	2.957	64	733	Below Cal		89
15) Acrylonitrile	5.493	53	705	0.209 ug/l #		23
16) Acetone	4.240	43	1555	0.513 ug/l #		42
18) Methyl Acetate	4.787	43	3068	0.407 ug/l #		78
20) Methylene Chloride	5.022	84	2185	Below Cal #		90
29) Tetrahydrofuran	7.628	42	740	0.249 ug/l #		50
31) Cyclohexane	8.010	56	8209	0.977 ug/l #		1
36) 1,1-Dichloropropene	8.016	75	31728	4.982 ug/l #		49
38) Carbon Tetrachloride	8.016	117	42287	6.537 ug/l #		16
43) Isopropyl Acetate	8.710	43	19595	1.730 ug/l #		53
59) 2-Hexanone	11.033	43	3455	0.561 ug/l		76
76) 1,2,3-Trichloropropane	12.674	75	141684	22.453 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.674	75	141684	57.521 ug/l #		11
92) 1,2-Dibromo-3-Chloropr...	14.545	75	391	0.216 ug/l		83
93) 1,2,4-Trichlorobenzene	15.192	180	2661	0.476 ug/l		96
95) Naphthalene	15.439	128	13621	0.751 ug/l		97
96) 1,2,3-Trichlorobenzene	15.621	180	2891	0.491 ug/l		98

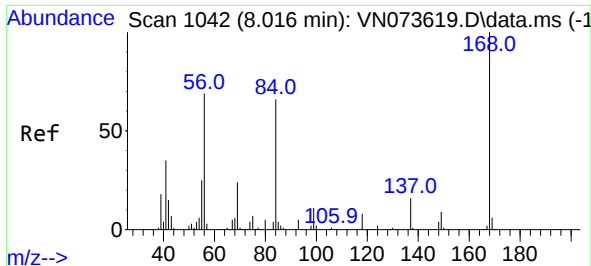
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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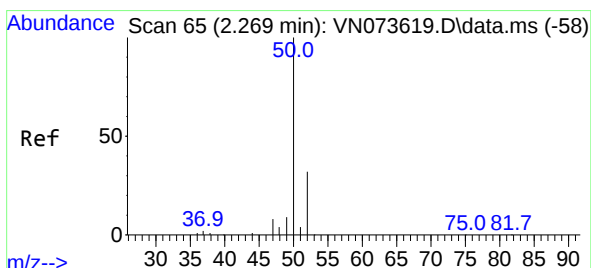
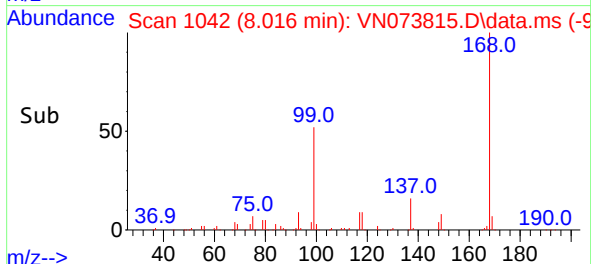
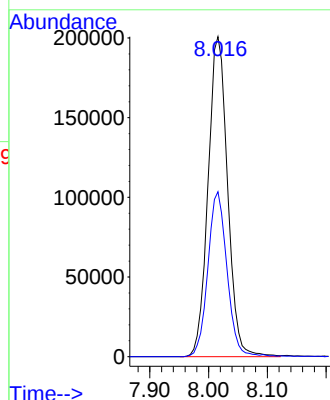
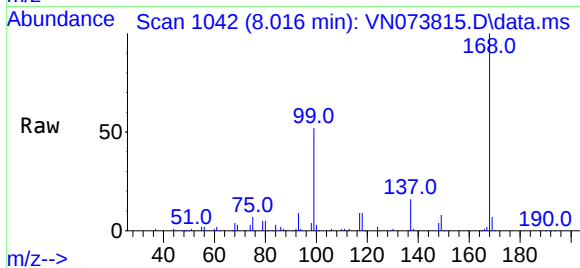




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

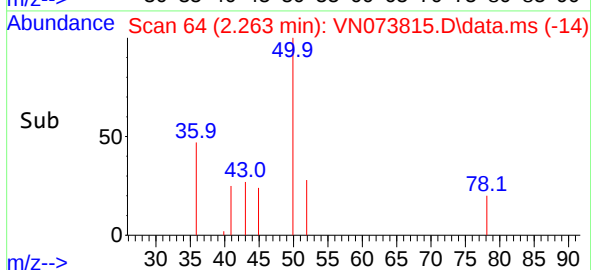
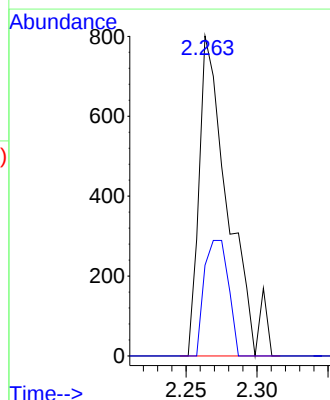
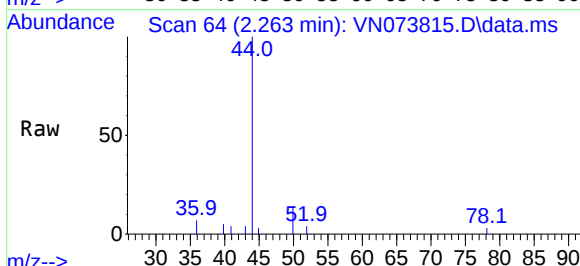
Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

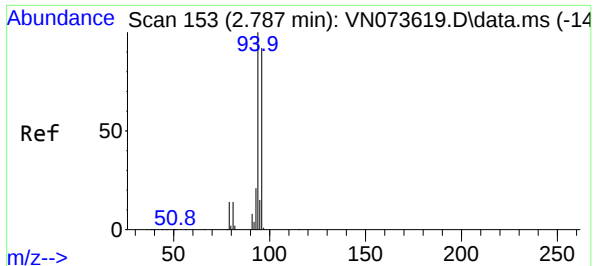
Tgt Ion:168 Resp: 463068
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Tgt Ion: 50 Resp: 1137
Ion Ratio Lower Upper
50 100
52 28.3 25.7 38.5

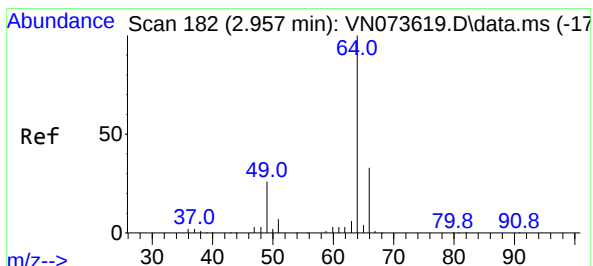
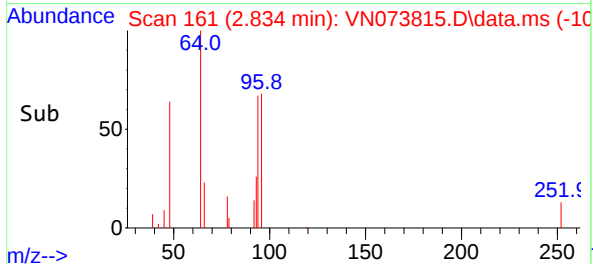
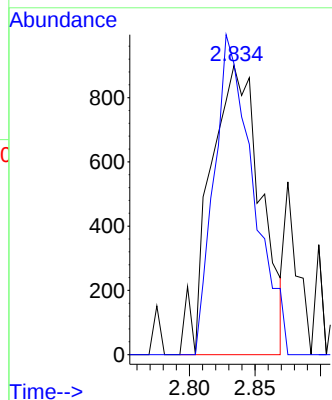
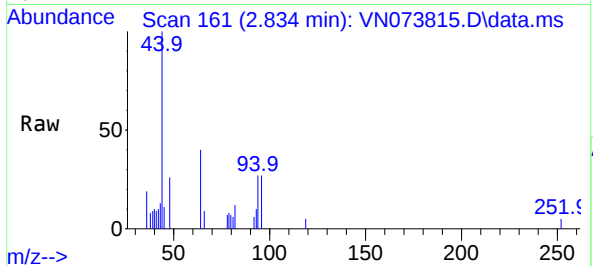




#5
Bromomethane
Concen: 0.529 ug/l
RT: 2.834 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

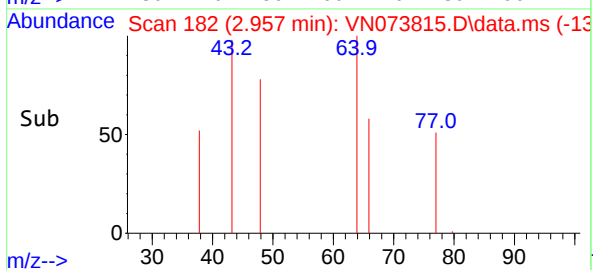
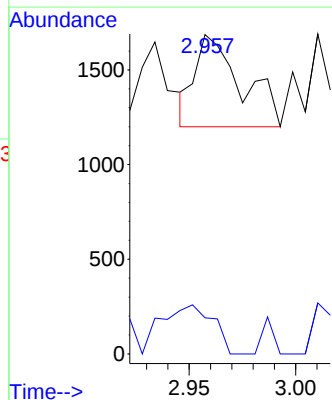
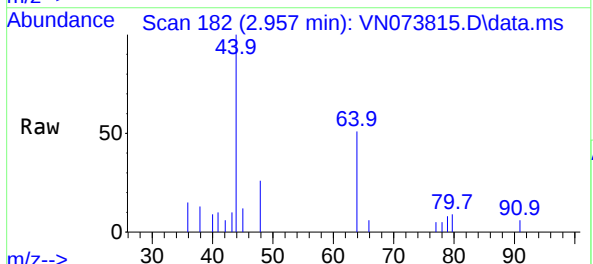
Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

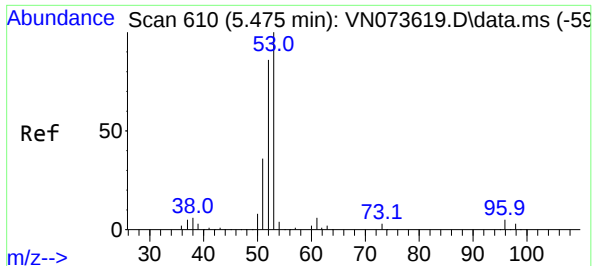
Tgt Ion: 94 Resp: 2412
Ion Ratio Lower Upper
94 100
96 100.7 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Tgt Ion: 64 Resp: 733
Ion Ratio Lower Upper
64 100
66 39.2 26.2 39.4

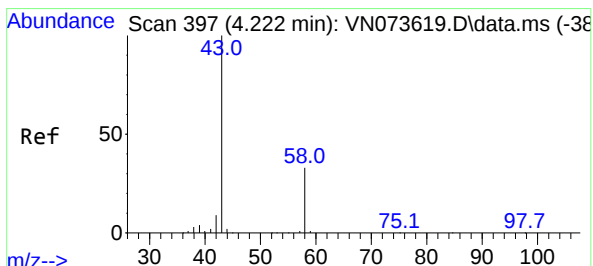
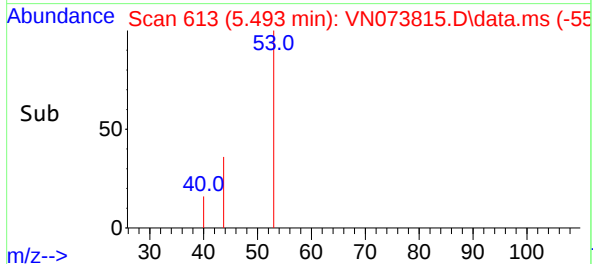
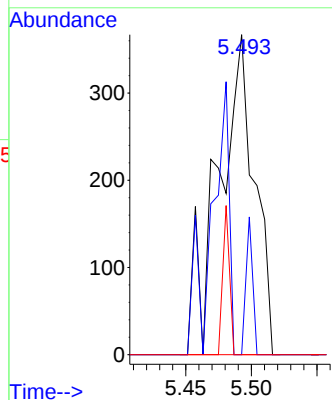
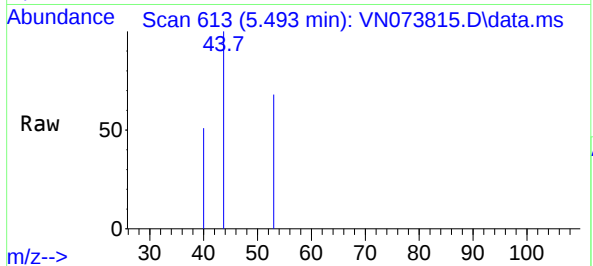




#15
Acrylonitrile
Concen: 0.209 ug/l
RT: 5.493 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

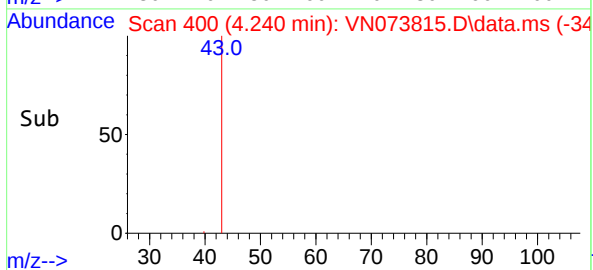
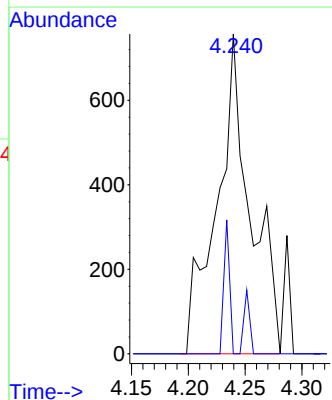
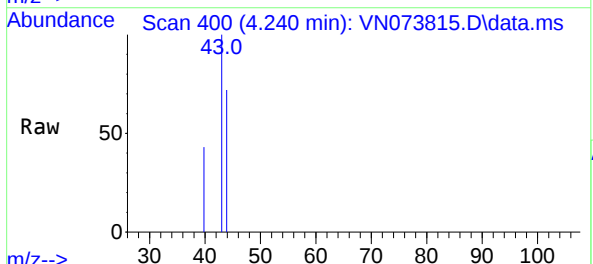
Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

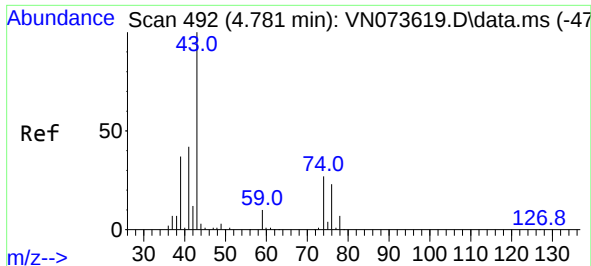
Tgt Ion: 53 Resp: 705
Ion Ratio Lower Upper
53 100
52 7.9 66.4 99.6#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 0.513 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

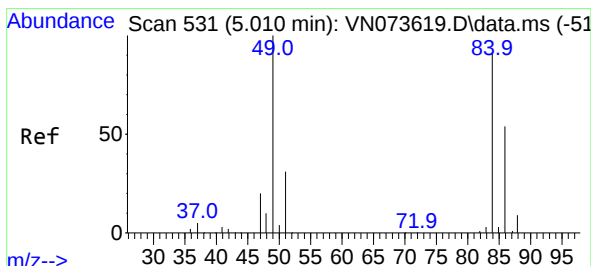
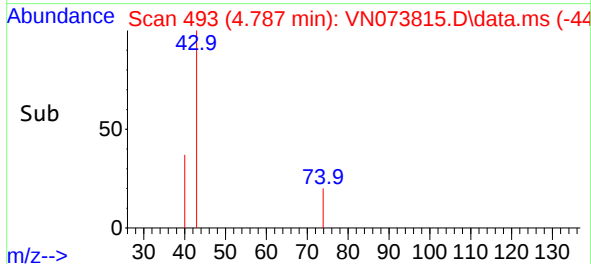
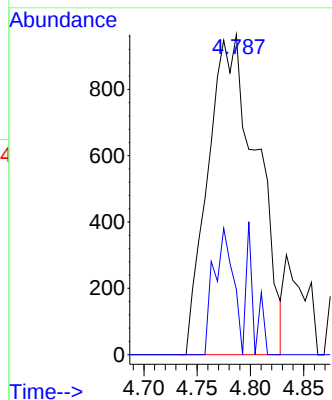
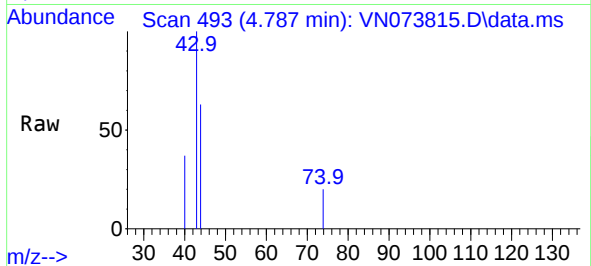




#18
Methyl Acetate
Concen: 0.407 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

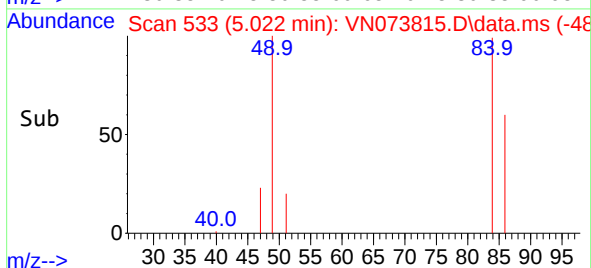
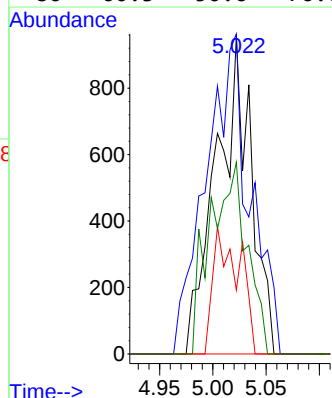
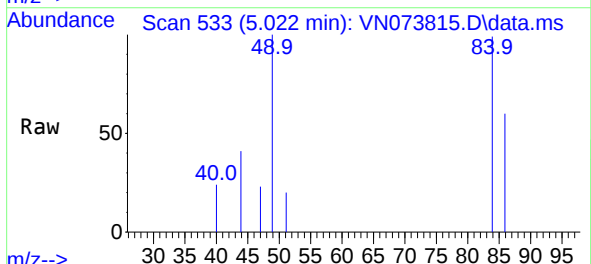
Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

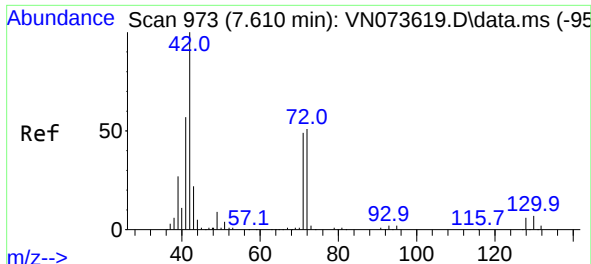
Tgt Ion: 43 Resp: 3068
Ion Ratio Lower Upper
43 100
74 15.6 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Tgt Ion: 84 Resp: 2185
Ion Ratio Lower Upper
84 100
49 100.6 88.3 132.5
51 20.1 28.2 42.2#
86 60.3 50.6 76.0





#29

Tetrahydrofuran

Concen: 0.249 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073815.D

Acq: 11 Aug 2022 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN0811MBL01

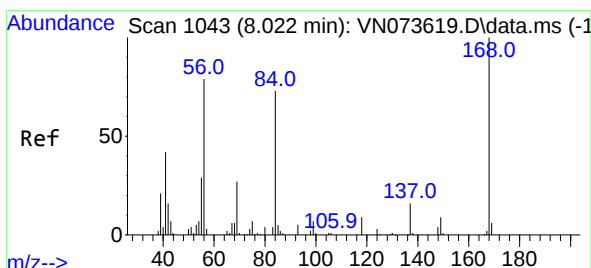
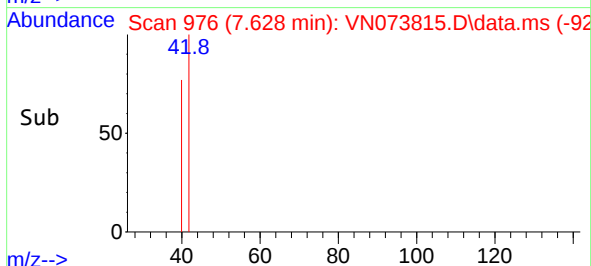
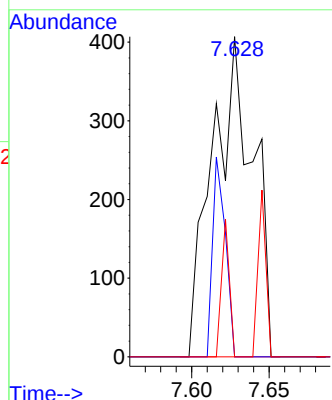
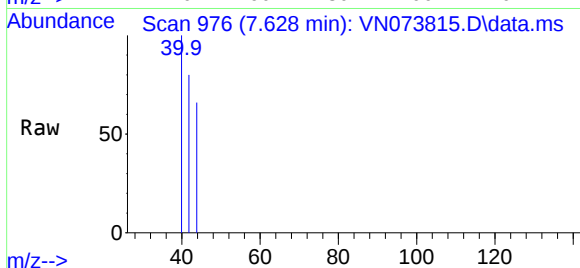
Tgt Ion: 42 Resp: 740

Ion Ratio Lower Upper

42 100

72 19.6 39.7 59.5#

71 8.4 36.6 55.0#



#31

Cyclohexane

Concen: 0.977 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073815.D

Acq: 11 Aug 2022 10:46

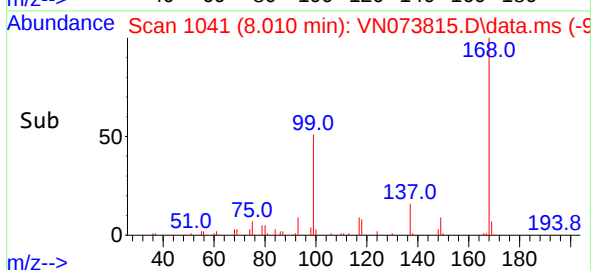
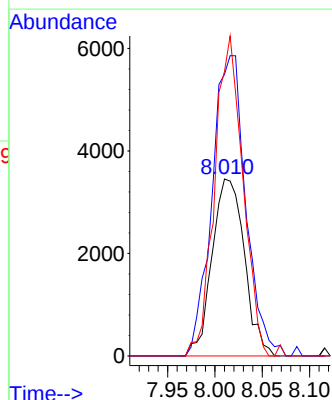
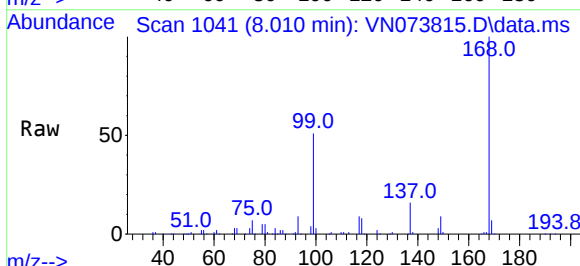
Tgt Ion: 56 Resp: 8209

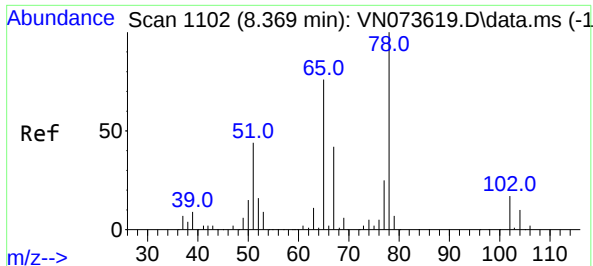
Ion Ratio Lower Upper

56 100

69 159.2 27.8 41.8#

84 160.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.031 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073815.D

Acq: 11 Aug 2022 10:46

Instrument :

MSVOA_N

ClientSampleId :

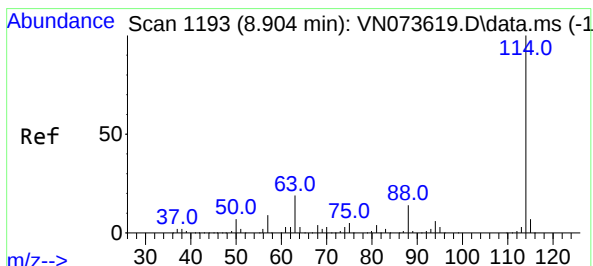
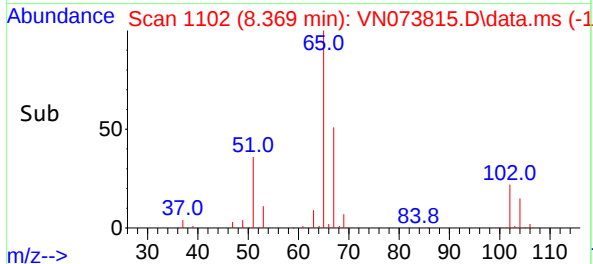
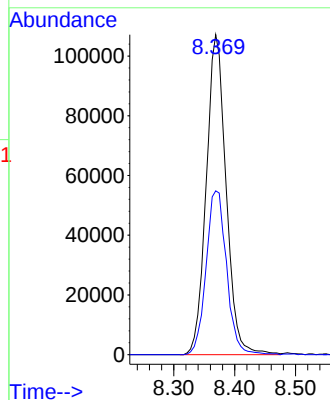
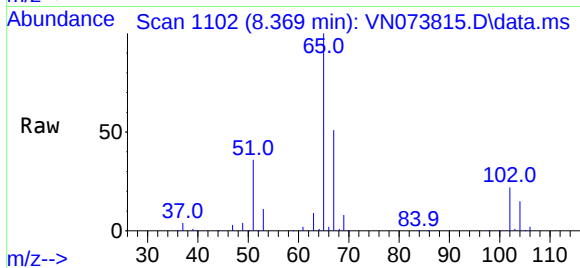
VN0811MBL01

Tgt Ion: 65 Resp: 242832

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073815.D

Acq: 11 Aug 2022 10:46

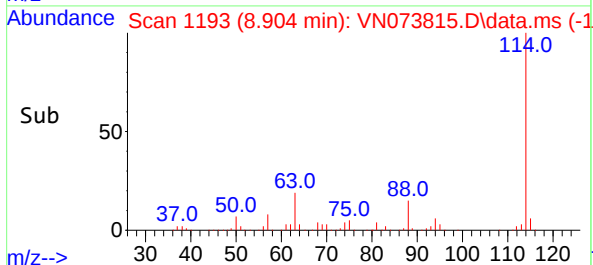
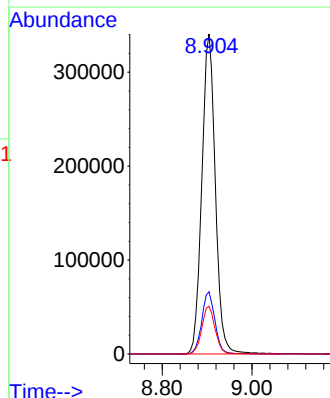
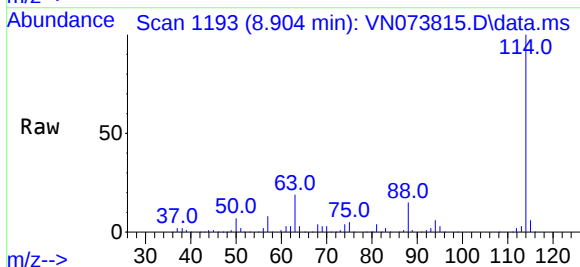
Tgt Ion: 114 Resp: 711645

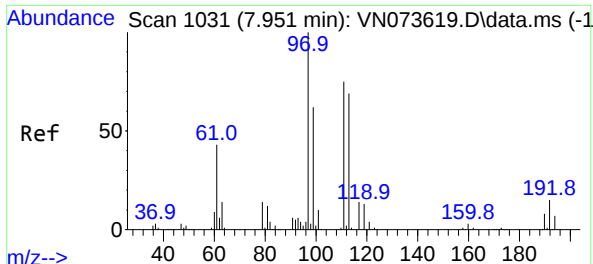
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.9 0.0 32.6

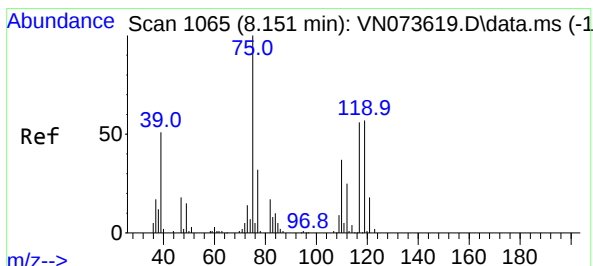
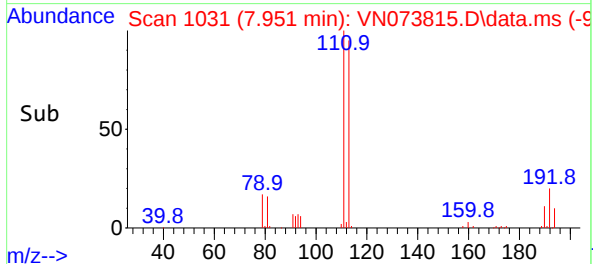
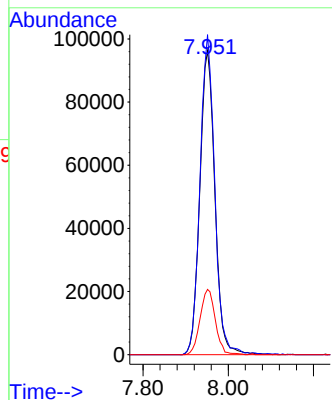
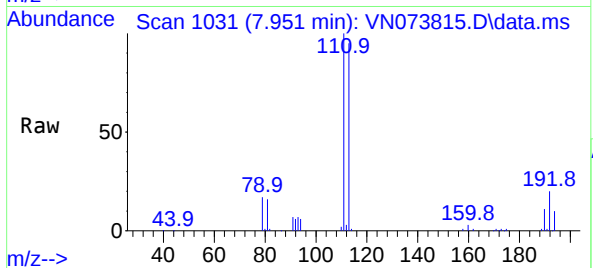




#35
Dibromofluoromethane
Concen: 52.878 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

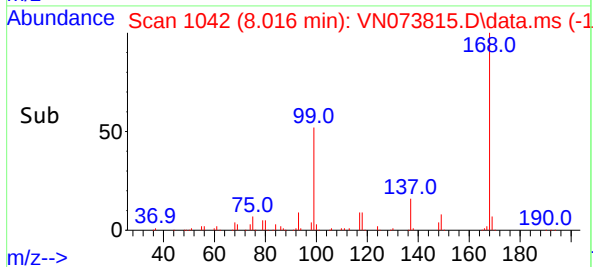
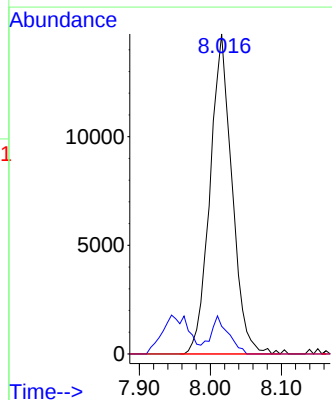
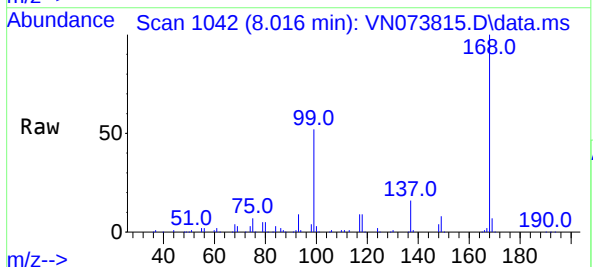
Instrument :
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VN0811MBL01

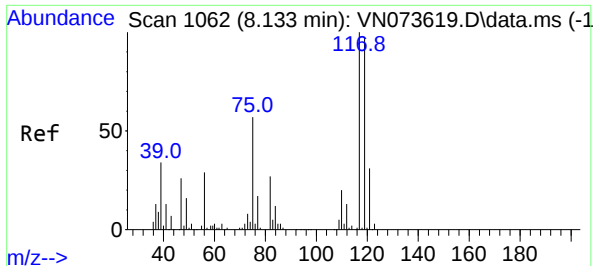
Tgt Ion:113 Resp: 236297
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 21.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.982 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

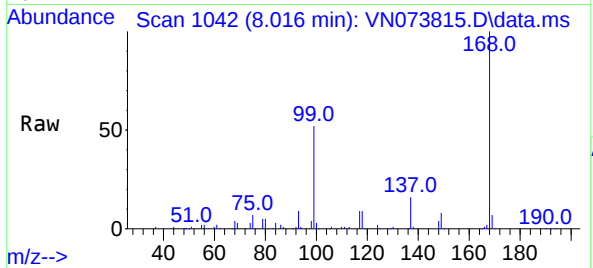
Tgt Ion: 75 Resp: 31728
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 25.1 37.7#



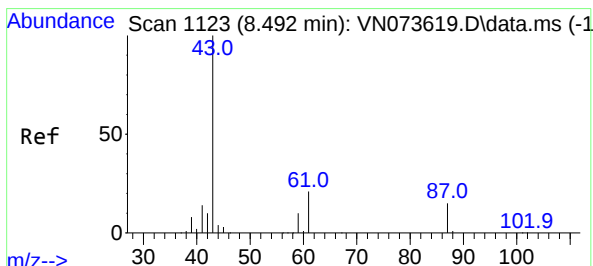
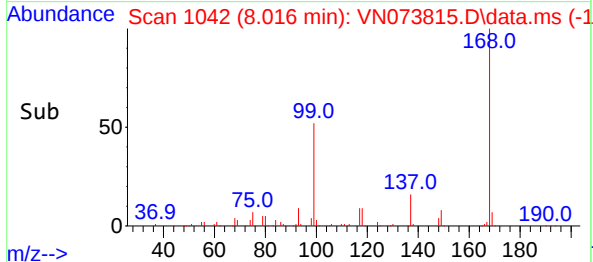
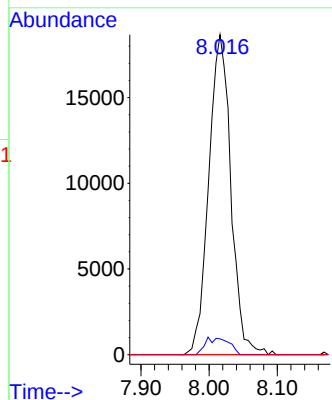


#38
Carbon Tetrachloride
Concen: 6.537 ug/l
RT: 8.016 min Scan# 1160
Delta R.T. -0.118 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

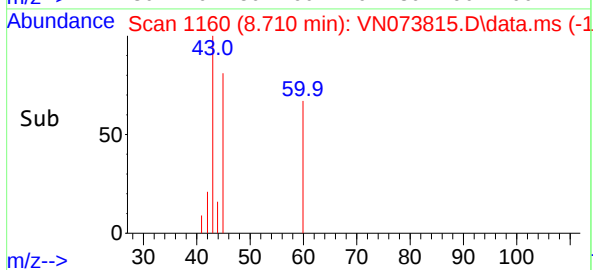
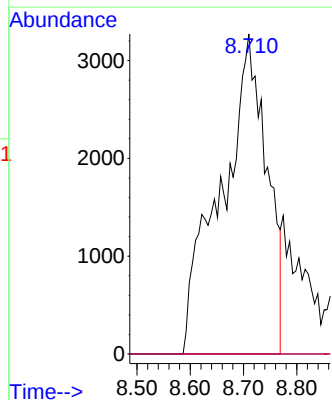
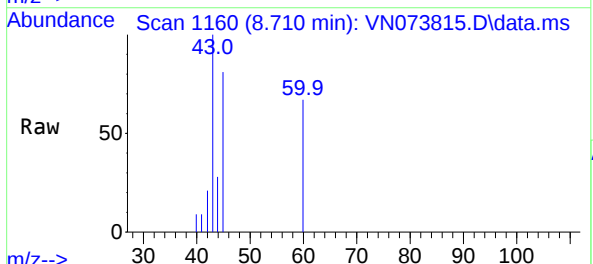


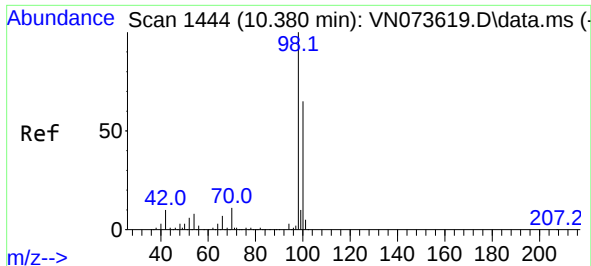
Tgt Ion:117 Resp: 42287
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.730 ug/l
RT: 8.710 min Scan# 1160
Delta R.T. 0.218 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Tgt Ion: 43 Resp: 19595
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

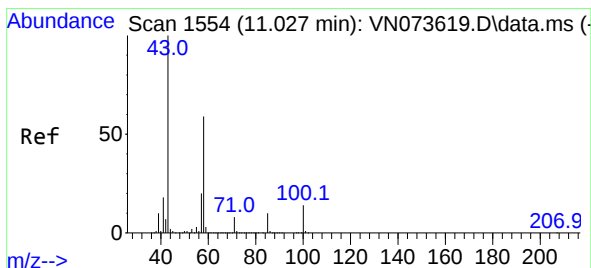
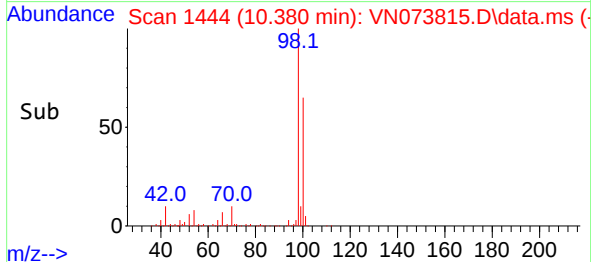
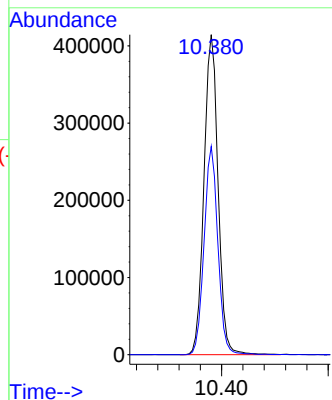
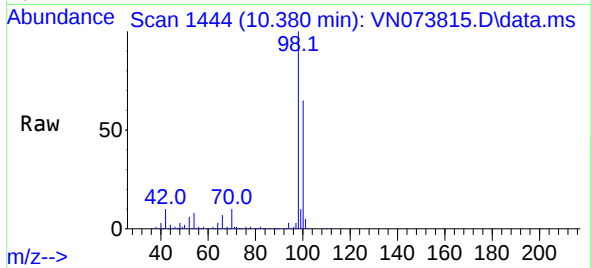




#50
Toluene-d8
Concen: 43.298 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

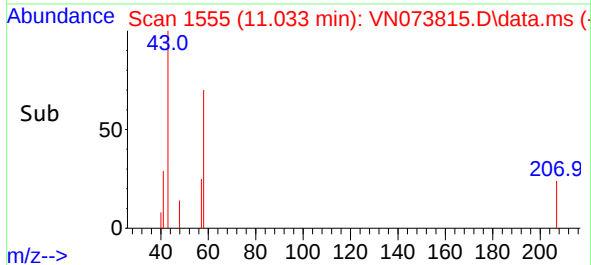
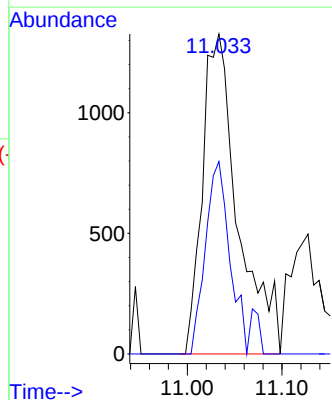
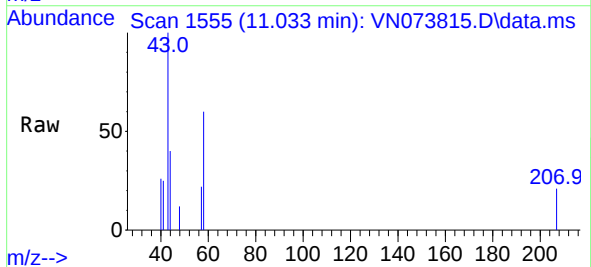
Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

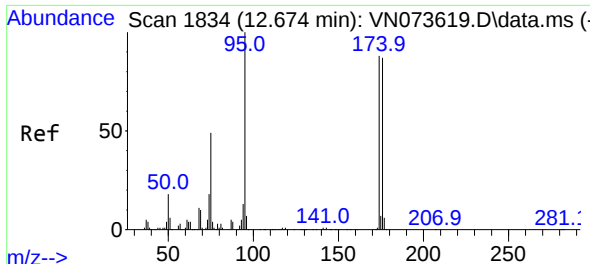
Tgt Ion: 98 Resp: 761391
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#59
2-Hexanone
Concen: 0.561 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Tgt Ion: 43 Resp: 3455
Ion Ratio Lower Upper
43 100
58 41.0 29.7 89.1

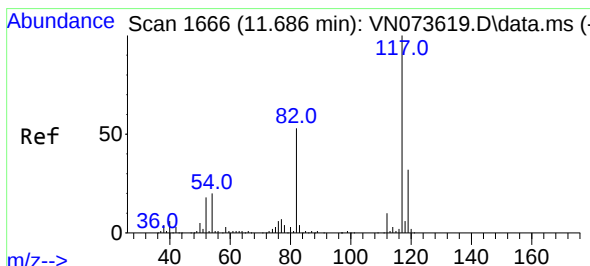
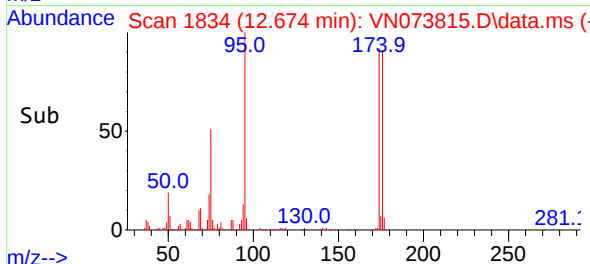
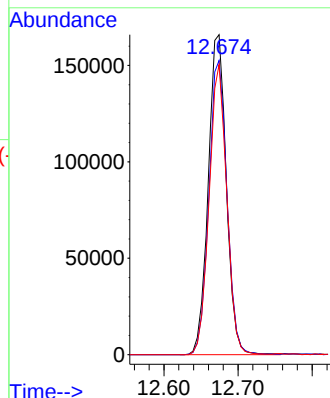
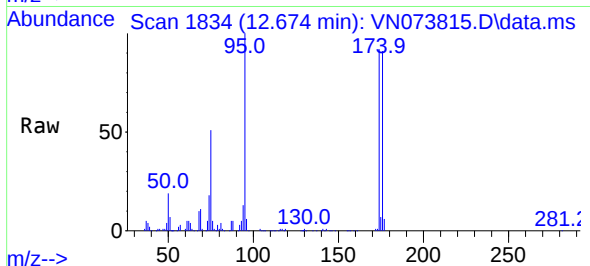




#62
4-Bromofluorobenzene
Concen: 45.786 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

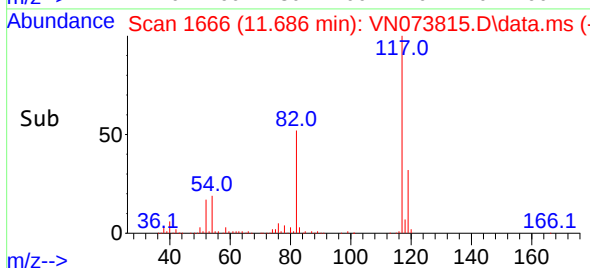
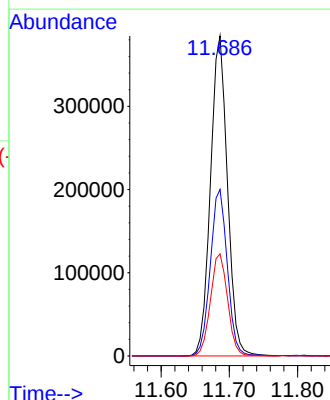
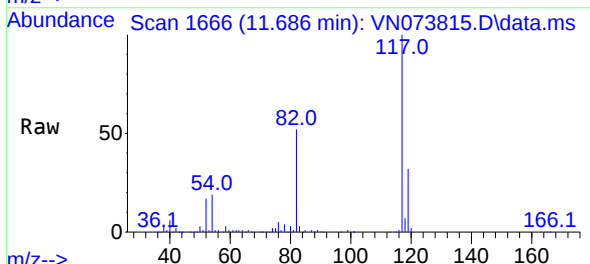
Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

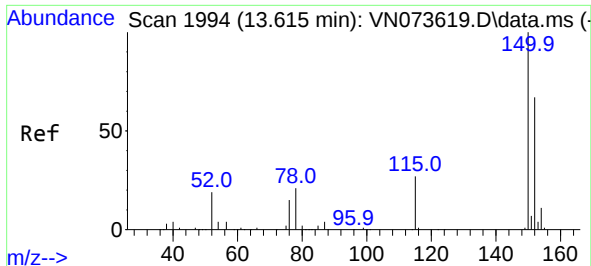
Tgt Ion: 95 Resp: 281128
Ion Ratio Lower Upper
95 100
174 92.0 0.0 167.6
176 88.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Tgt Ion: 117 Resp: 667075
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 31.9 25.4 38.0

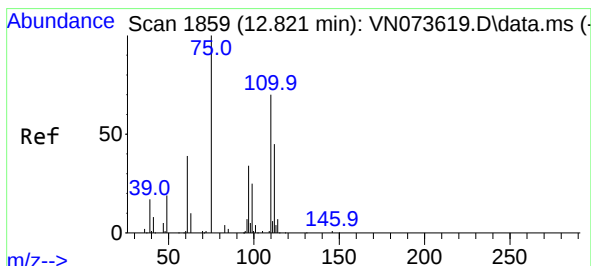
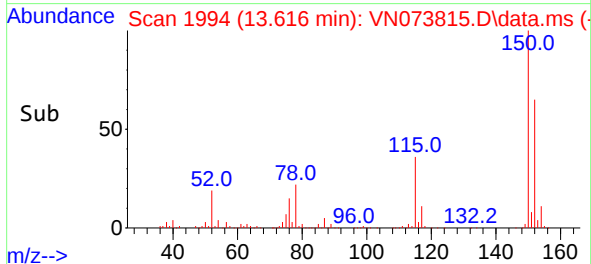
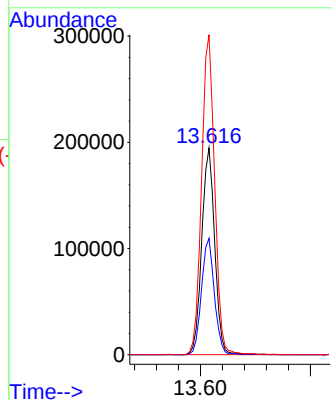
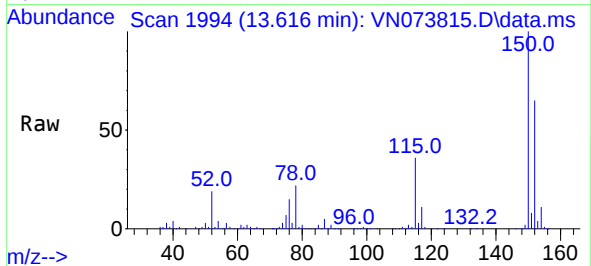




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

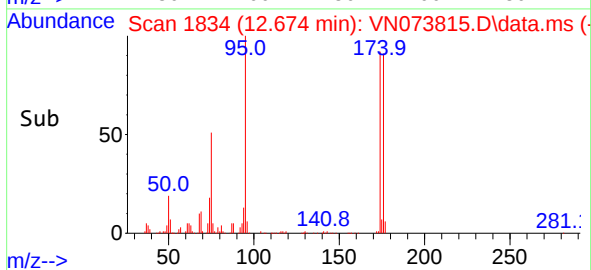
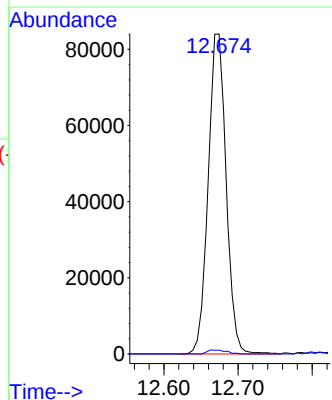
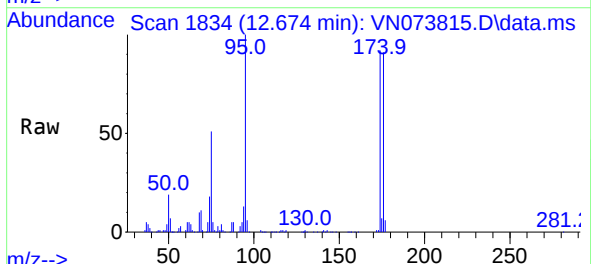
Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

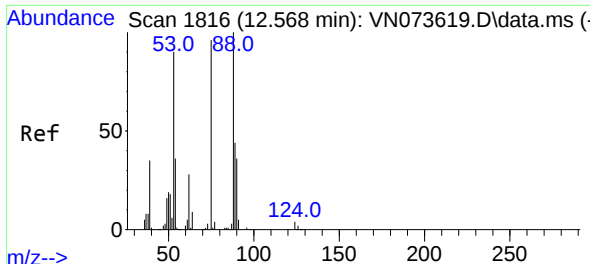
Tgt Ion:152 Resp: 319210
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 156.0 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 22.453 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Tgt Ion: 75 Resp: 141684
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

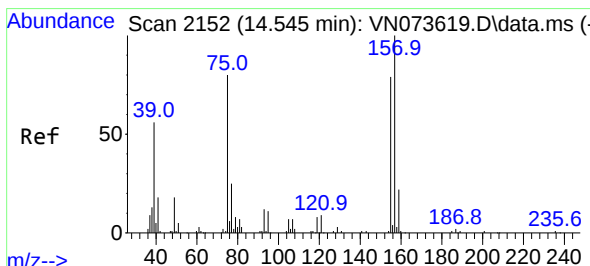
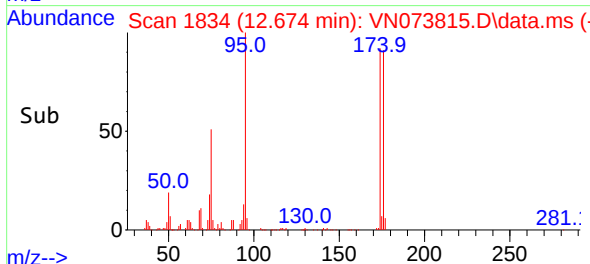
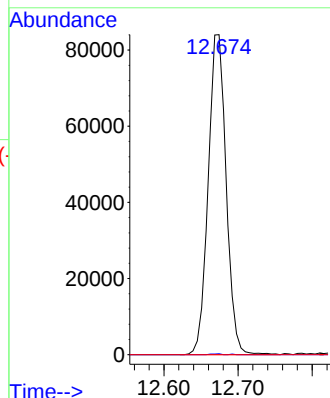
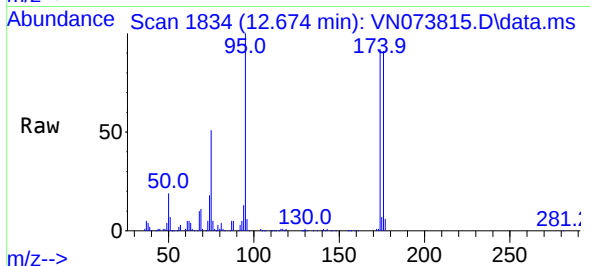




#81
trans-1,4-Dichloro-2-butene
Concen: 57.521 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

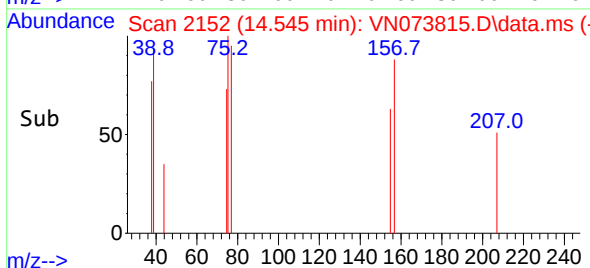
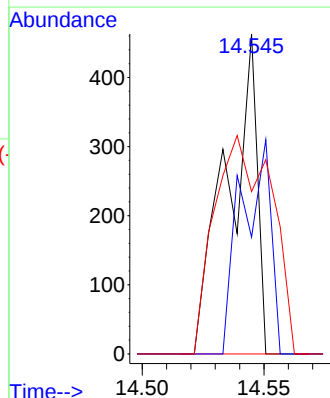
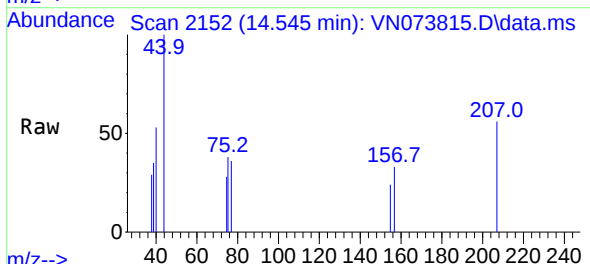
Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

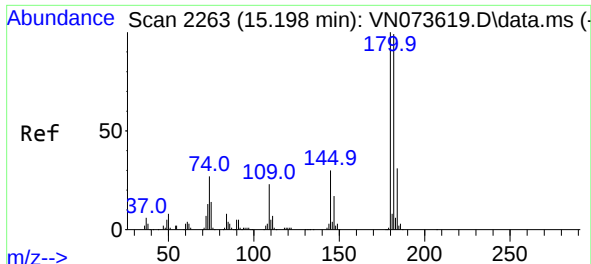
Tgt Ion: 75 Resp: 141684
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.216 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

Tgt Ion: 75 Resp: 391
Ion Ratio Lower Upper
75 100
155 66.5 44.9 134.5
157 130.9 59.0 176.8

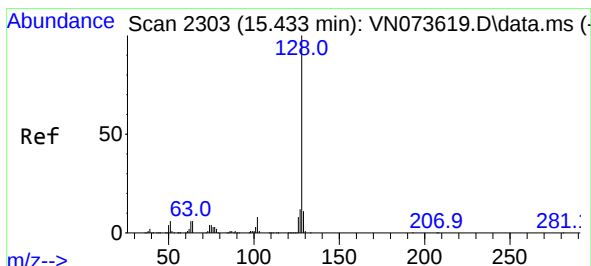
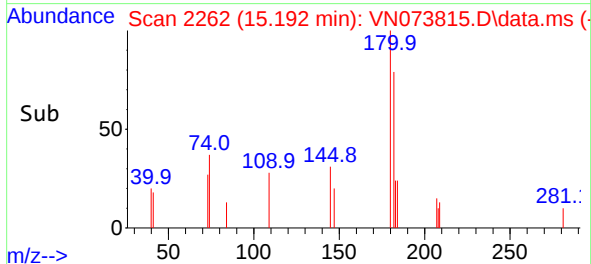
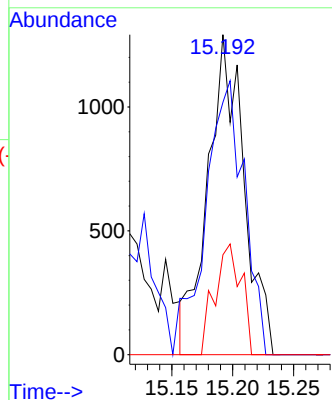
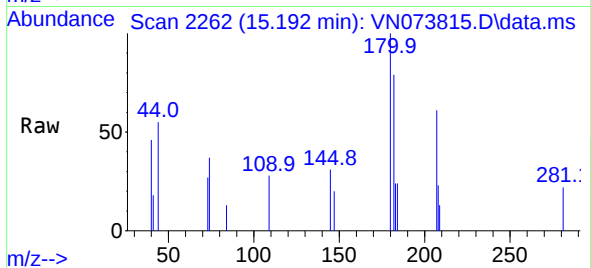




#93
1,2,4-Trichlorobenzene
Concen: 0.476 ug/l
RT: 15.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

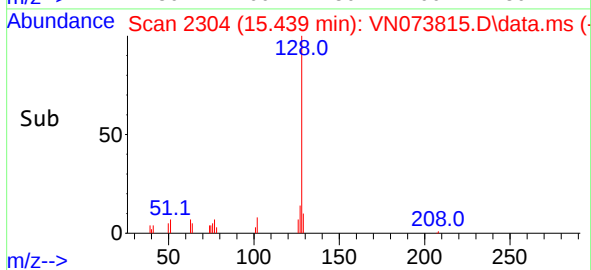
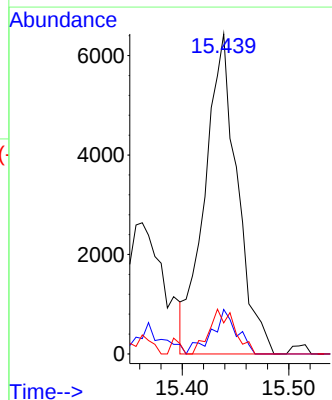
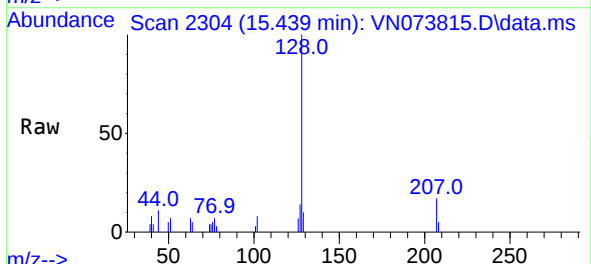
Instrument :
MSVOA_N
ClientSampleId :
VN0811MBL01

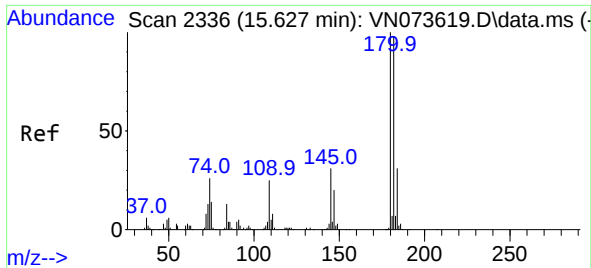
Tgt Ion:180	Resp:	2661
Ion Ratio	Lower	Upper
180	100	
182	91.9	47.5 142.5
145	25.3	14.5 43.5



#95
Naphthalene
Concen: 0.751 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073815.D
Acq: 11 Aug 2022 10:46

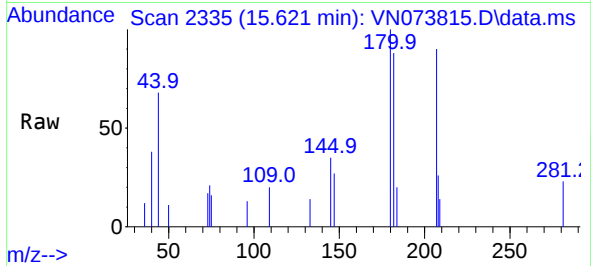
Tgt Ion:128	Resp:	13621
Ion Ratio	Lower	Upper
128	100	
127	10.7	10.3 15.5
129	11.1	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.491 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN073815.D
 Acq: 11 Aug 2022 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811MBL01



Tgt Ion:	180	Resp:	2891
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.3
145	27.4	15.5	46.5

