

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073184.D
 Acq On : 28 Jun 2022 01:23
 Operator : JC\MD
 Sample : N3499-02
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31547

Quant Time: Jun 28 06:43:59 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	8.010	168	345507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	561588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	551086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	296704	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.357	65	199862	42.786	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.580%
35) Dibromofluoromethane	7.945	113	167444	48.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	10.375	98	599748	46.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.860%
62) 4-Bromofluorobenzene	12.669	95	294883	63.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	126.980%#

Target Compounds

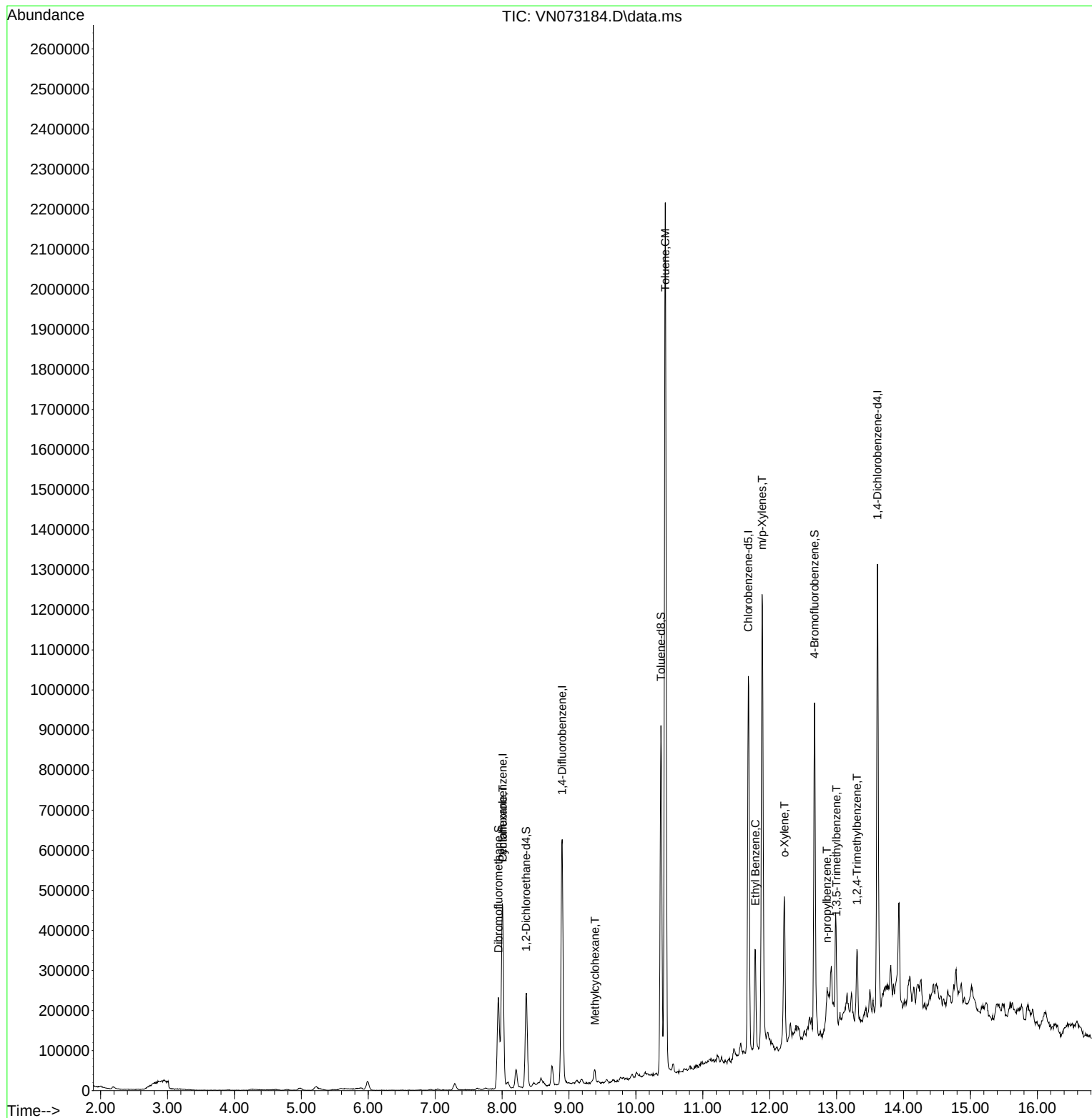
						Qvalue
31) Cyclohexane	8.010	56	20031	3.170	ug/l #	66
39) Methylcyclohexane	9.386	83	13564	2.396	ug/l	95
52) Toluene	10.439	92	956280	105.521	ug/l	99
67) Ethyl Benzene	11.786	91	200316	10.573	ug/l	95
68) m/p-Xylenes	11.886	106	339478	45.685	ug/l	97
69) o-Xylene	12.222	106	107000	14.410	ug/l	99
78) n-propylbenzene	12.857	91	32207	1.276	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	26184	1.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	101595	5.410	ug/l	97

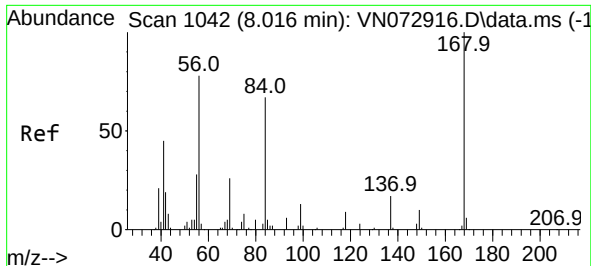
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
Data File : VN073184.D
Acq On : 28 Jun 2022 01:23
Operator : JC\MD
Sample : N3499-02
Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31547

Quant Time: Jun 28 06:43:59 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

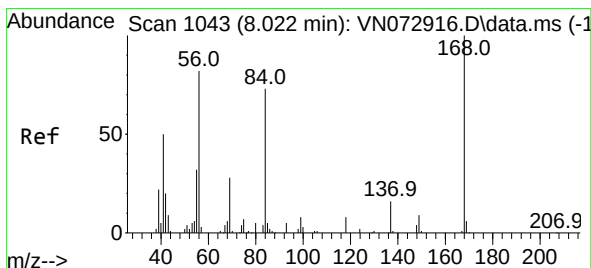
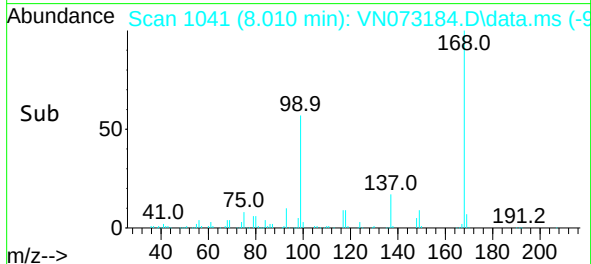
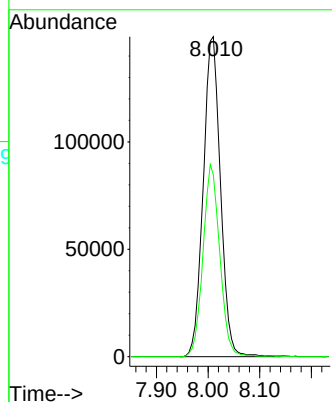
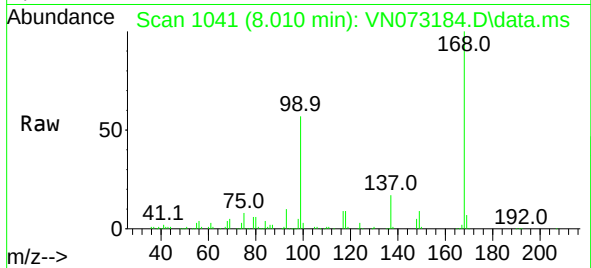




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

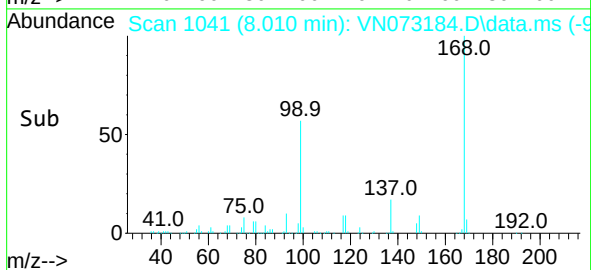
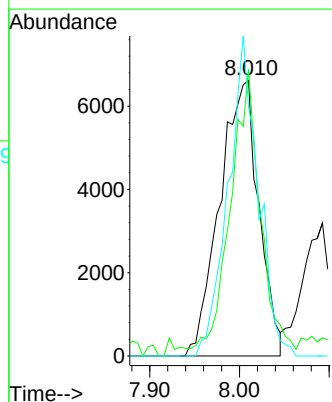
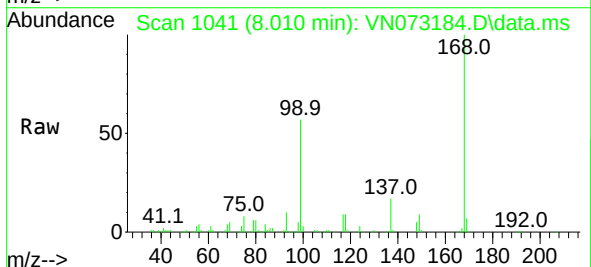
Instrument :
MSVOA_N
ClientSampleId :
31547

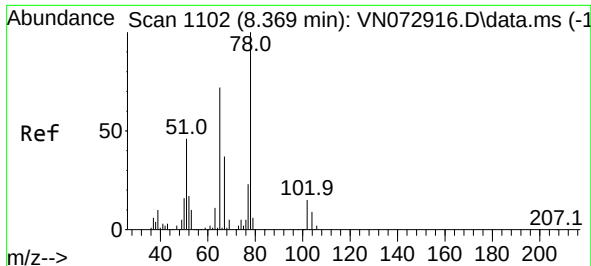
Tgt Ion:168 Resp: 345507
Ion Ratio Lower Upper
168 100
99 56.8 42.3 63.5



#31
Cyclohexane
Concen: 3.170 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

Tgt Ion: 56 Resp: 20031
Ion Ratio Lower Upper
56 100
69 100.7 27.8 41.8#
84 90.5 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 42.786 ug/l

RT: 8.357 min Scan# 1100

Delta R.T. -0.012 min

Lab File: VN073184.D

Acq: 28 Jun 2022 01:23

Instrument :

MSVOA_N

ClientSampleId :

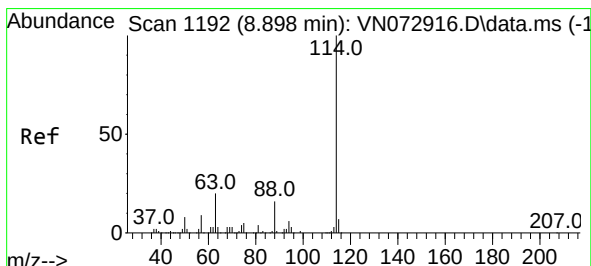
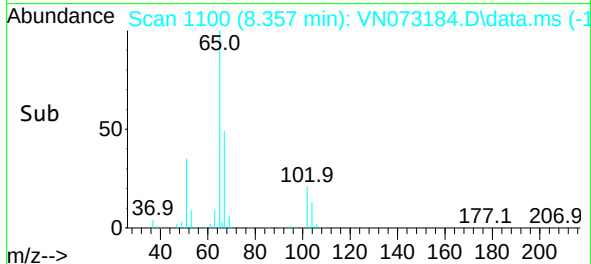
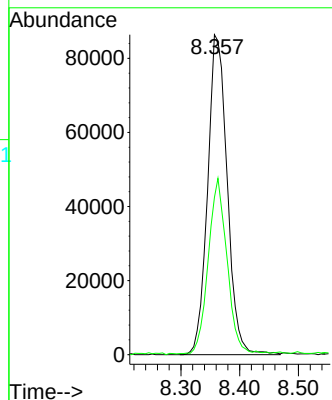
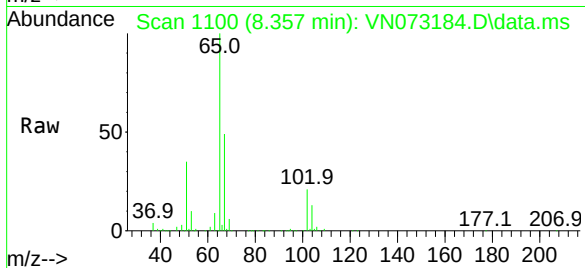
31547

Tgt Ion: 65 Resp: 199862

Ion Ratio Lower Upper

65 100

67 52.5 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: VN073184.D

Acq: 28 Jun 2022 01:23

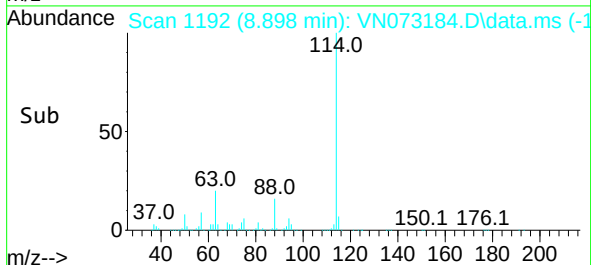
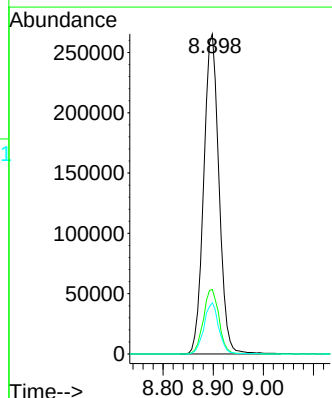
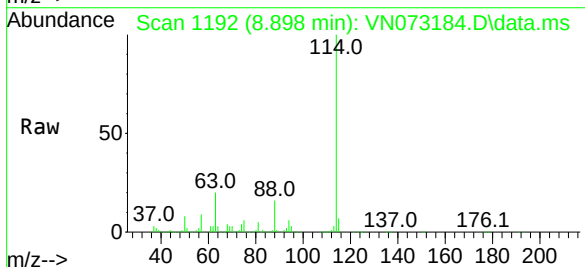
Tgt Ion: 114 Resp: 561588

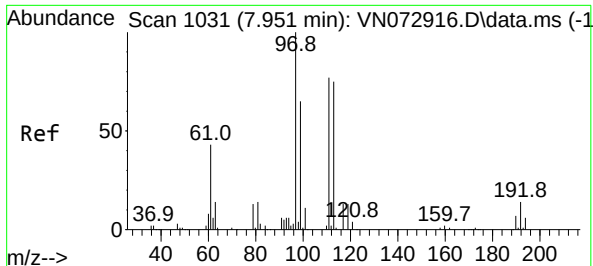
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 16.0 0.0 32.6

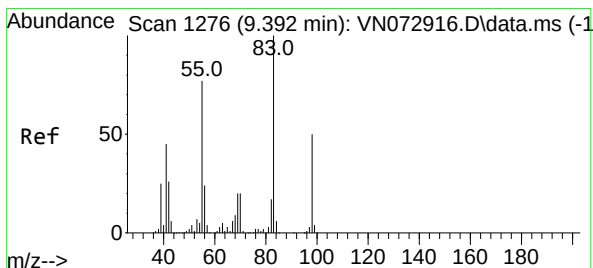
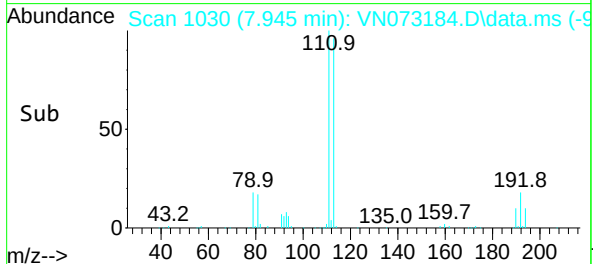
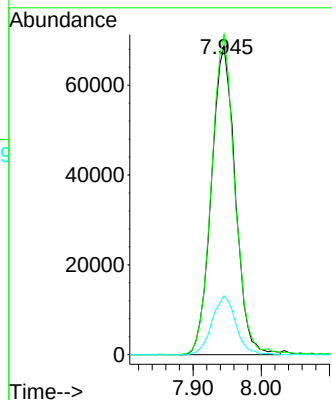
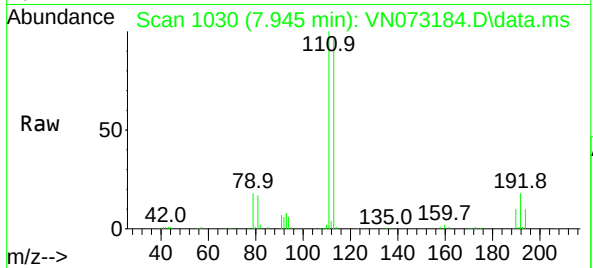




#35
Dibromofluoromethane
Concen: 48.239 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

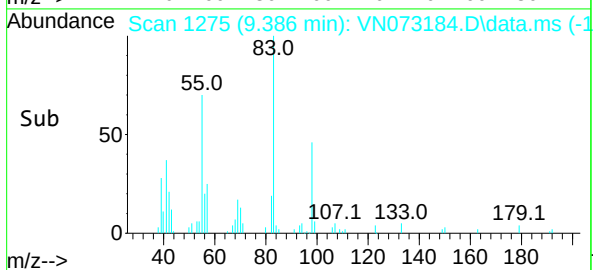
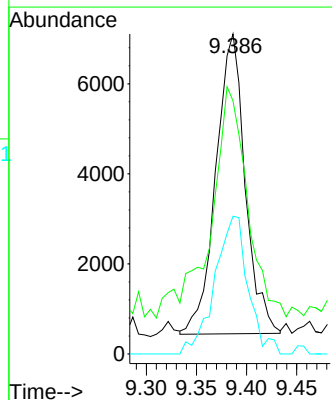
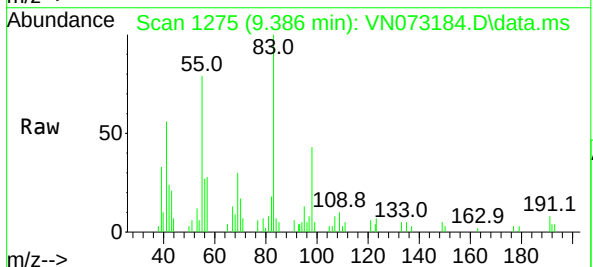
Instrument :
MSVOA_N
ClientSampleId :
31547

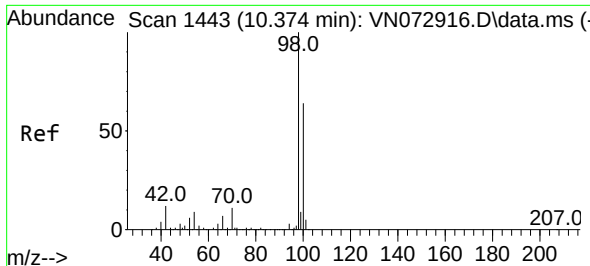
Tgt Ion:113 Resp: 167444
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.0 17.0 25.6



#39
Methylcyclohexane
Concen: 2.396 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

Tgt Ion: 83 Resp: 13564
Ion Ratio Lower Upper
83 100
55 68.1 57.8 86.8
98 46.4 39.4 59.2

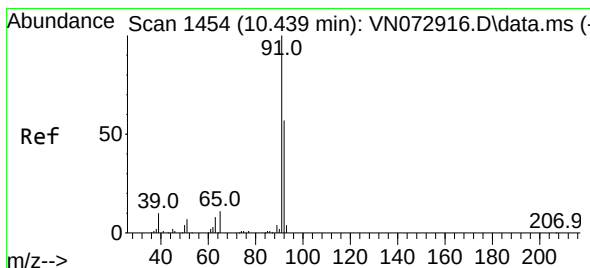
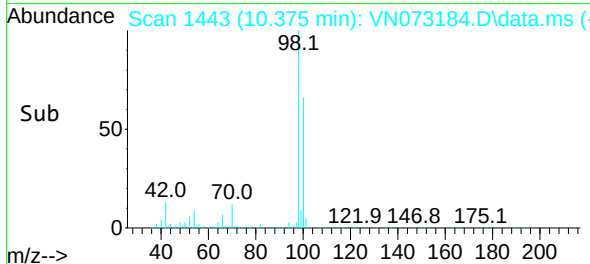
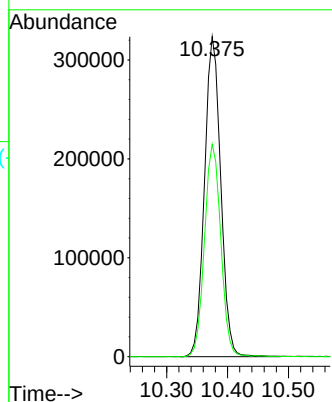
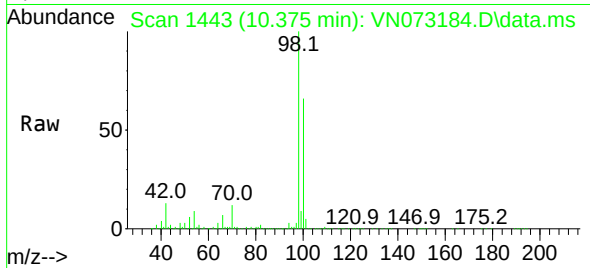




#50
Toluene-d8
Concen: 46.434 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

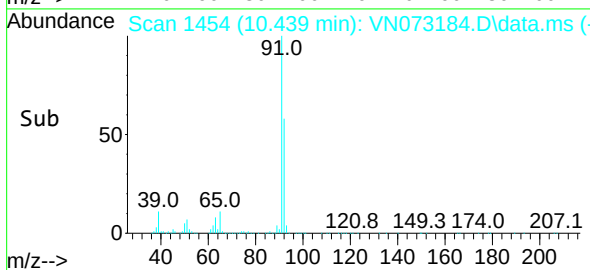
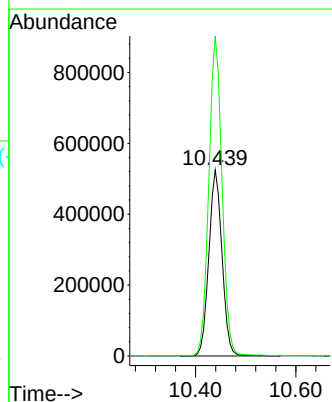
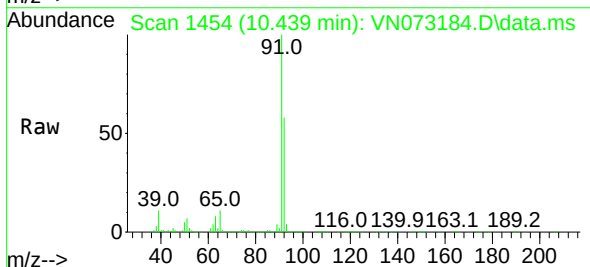
Instrument :
MSVOA_N
ClientSampleId :
31547

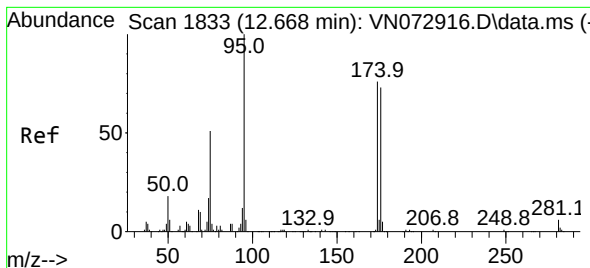
Tgt Ion: 98 Resp: 599748
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#52
Toluene
Concen: 105.521 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

Tgt Ion: 92 Resp: 956280
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8

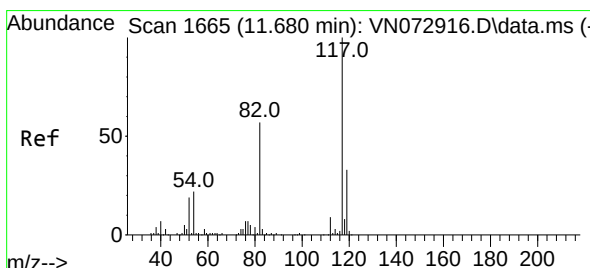
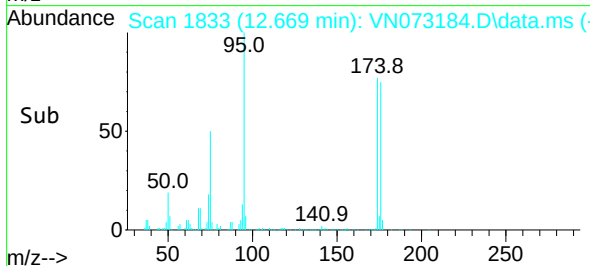
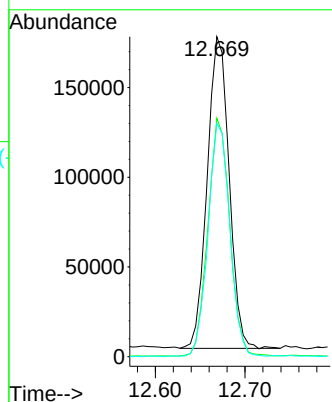
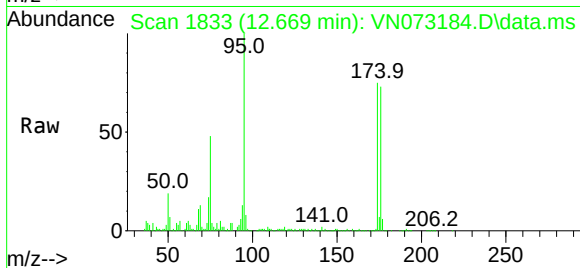




#62
4-Bromofluorobenzene
Concen: 63.491 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

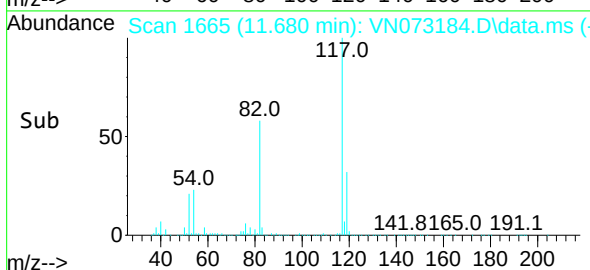
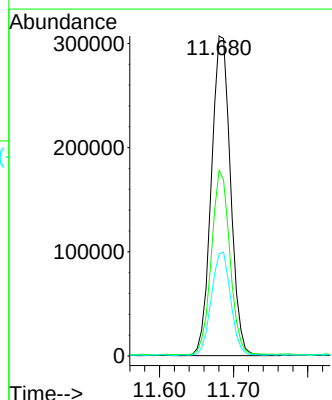
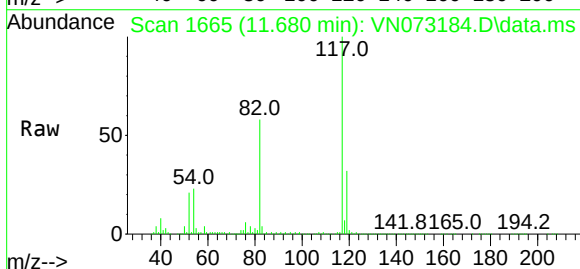
Instrument :
MSVOA_N
ClientSampleId :
31547

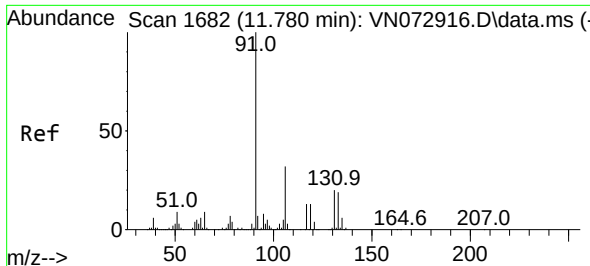
Tgt Ion: 95 Resp: 294883
Ion Ratio Lower Upper
95 100
174 76.1 0.0 167.6
176 74.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

Tgt Ion: 117 Resp: 551086
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.2
119 31.7 25.4 38.0





#67

Ethyl Benzene

Concen: 10.573 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073184.D

Acq: 28 Jun 2022 01:23

Instrument :

MSVOA_N

ClientSampleId :

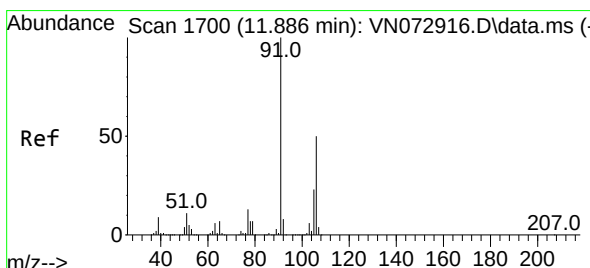
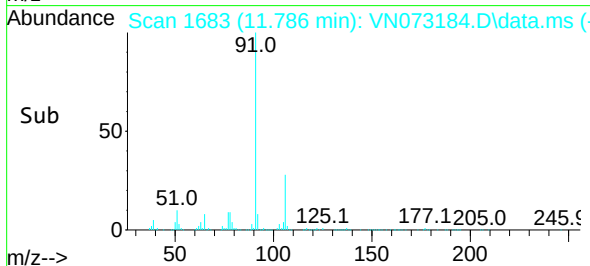
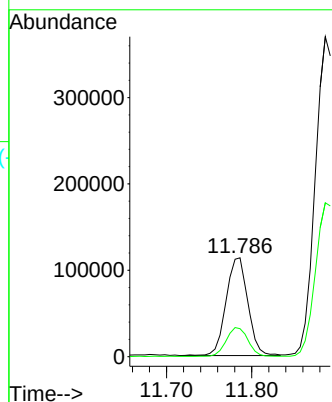
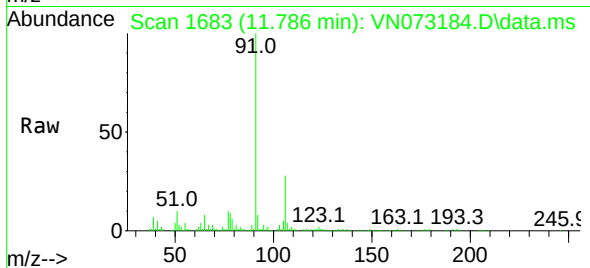
31547

Tgt Ion: 91 Resp: 200316

Ion Ratio Lower Upper

91 100

106 28.3 24.9 37.3



#68

m/p-Xylenes

Concen: 45.685 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VN073184.D

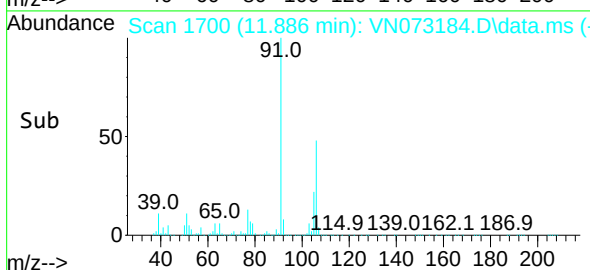
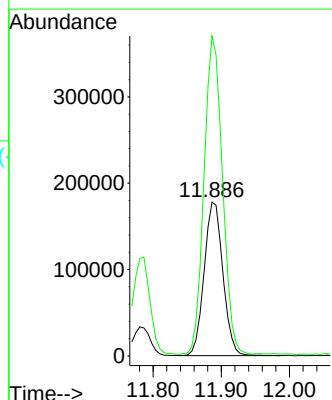
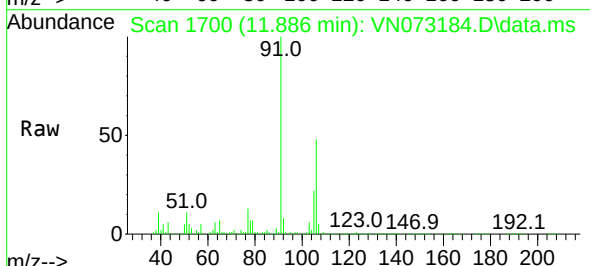
Acq: 28 Jun 2022 01:23

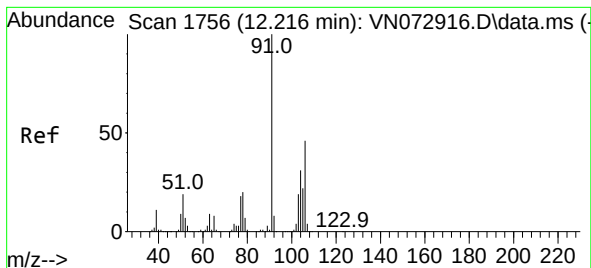
Tgt Ion:106 Resp: 339478

Ion Ratio Lower Upper

106 100

91 203.8 158.9 238.3





#69

o-Xylene

Concen: 14.410 ug/l

RT: 12.222 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073184.D

Acq: 28 Jun 2022 01:23

Instrument :

MSVOA_N

ClientSampleId :

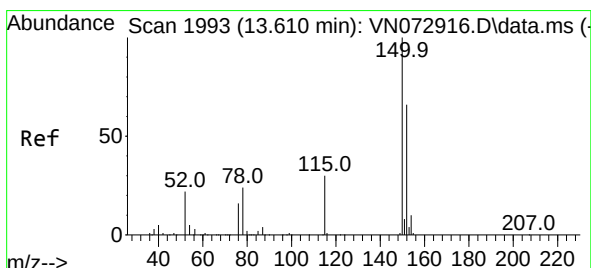
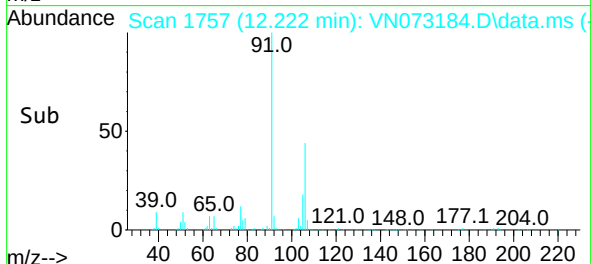
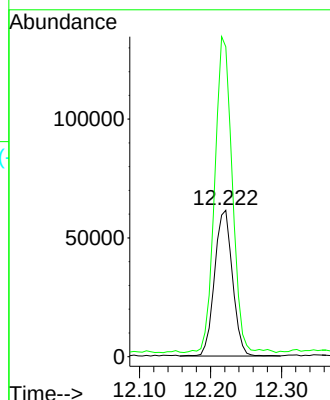
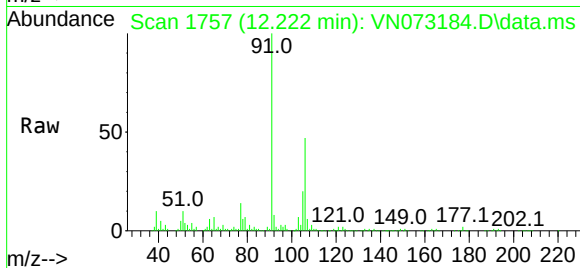
31547

Tgt Ion:106 Resp: 107000

Ion Ratio Lower Upper

106 100

91 210.9 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073184.D

Acq: 28 Jun 2022 01:23

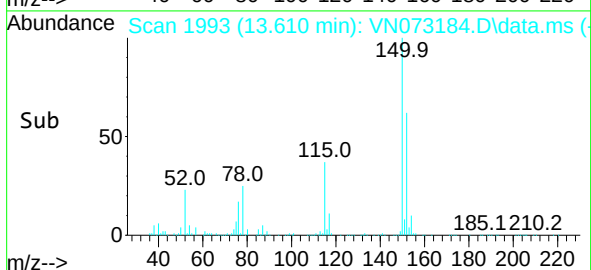
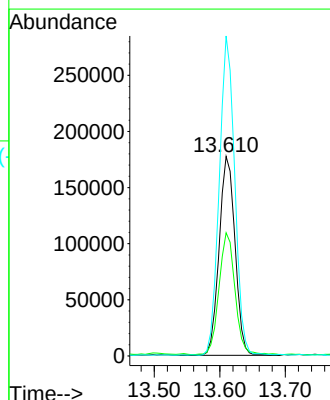
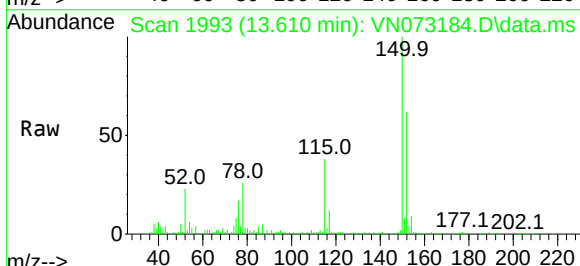
Tgt Ion:152 Resp: 296704

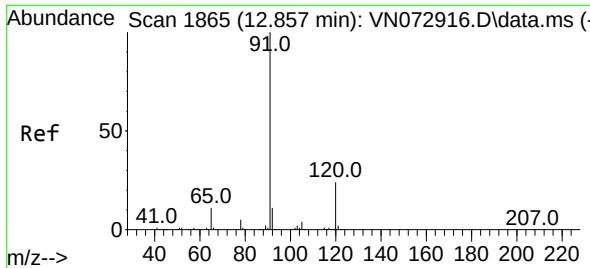
Ion Ratio Lower Upper

152 100

115 61.9 28.9 86.7

150 156.8 0.0 356.2

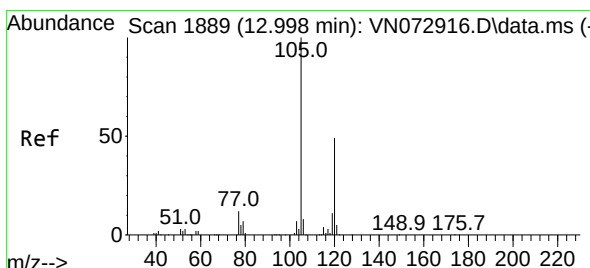
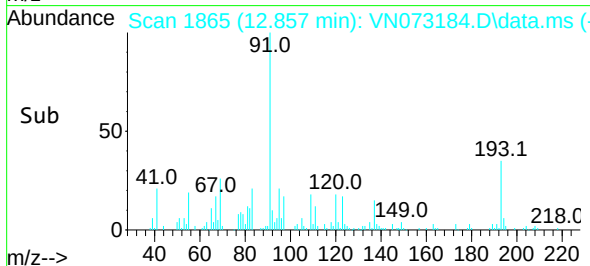
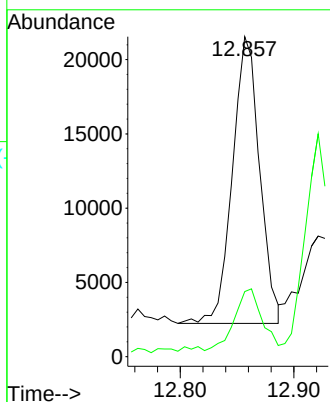
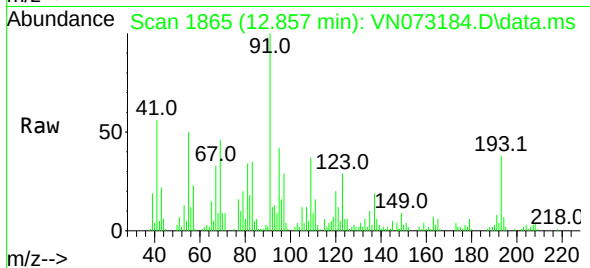




#78
n-propylbenzene
Concen: 1.276 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

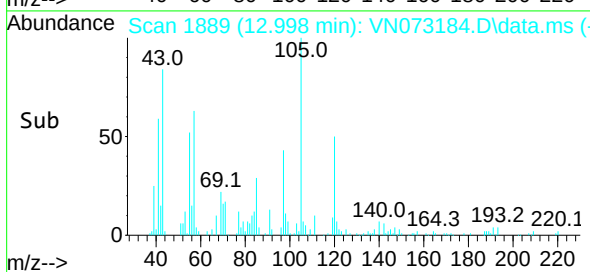
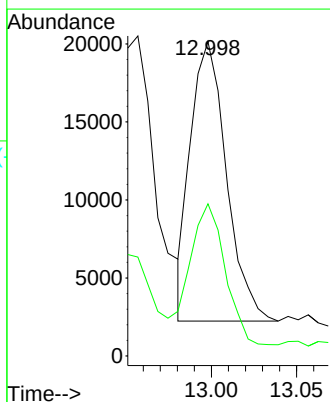
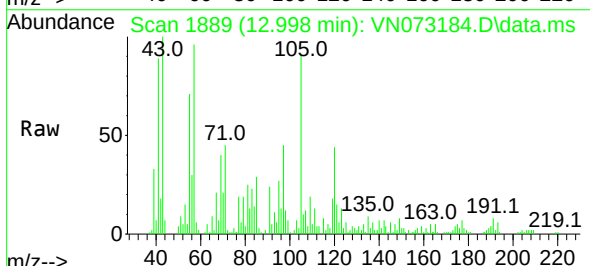
Instrument :
MSVOA_N
ClientSampleId :
31547

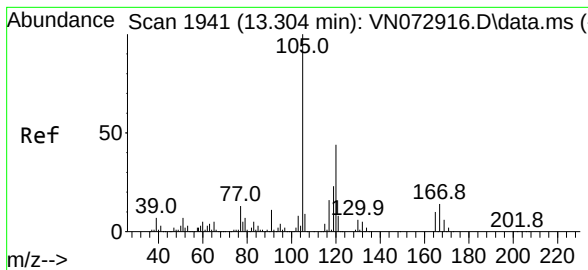
Tgt Ion: 91 Resp: 32207
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 1.389 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073184.D
Acq: 28 Jun 2022 01:23

Tgt Ion: 105 Resp: 26184
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 5.410 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VN073184.D
 Acq: 28 Jun 2022 01:23

Instrument :
 MSVOA_N
 ClientSampleId :
 31547

Tgt Ion:105 Resp: 101595
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.3 69.8

