

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072314.D
 Acq On : 19 Mar 2022 03:39
 Operator : VA/SY
 Sample : N1944-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27154

Quant Time: Mar 19 05:34:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

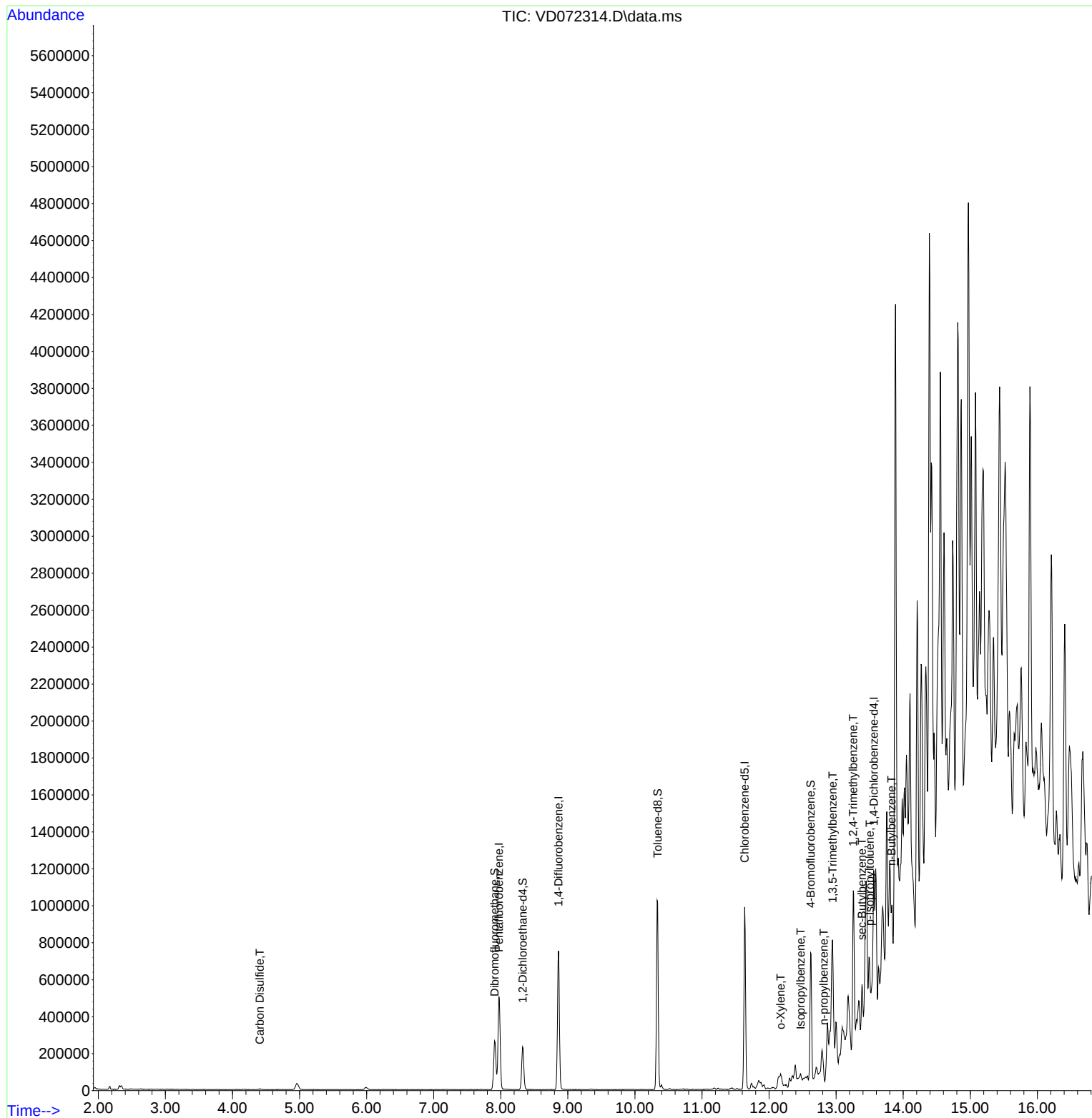
Internal Standards						
1) Pentafluorobenzene	7.973	168	366988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	623792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	546975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	180784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181858	44.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.940%
35) Dibromofluoromethane	7.908	113	193971	44.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.380%
50) Toluene-d8	10.337	98	692981	43.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.340%
62) 4-Bromofluorobenzene	12.620	95	239642	38.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.840%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.408	76	6722	2.329	ug/l #	84
69) o-Xylene	12.173	106	10441	1.327	ug/l	93
73) Isopropylbenzene	12.473	105	17821	1.244	ug/l	99
78) n-propylbenzene	12.814	91	42372	2.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	95790	7.783	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	469032	38.677	ug/l	98
85) sec-Butylbenzene	13.384	105	59136	3.649	ug/l #	73
86) p-Isopropyltoluene	13.502	119	76098	5.707	ug/l	96
89) n-Butylbenzene	13.825	91	108739	8.556	ug/l #	83

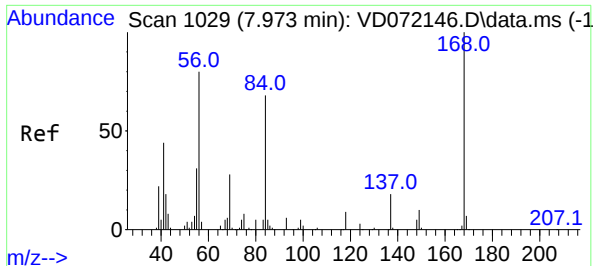
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072314.D
Acq On : 19 Mar 2022 03:39
Operator : VA/SY
Sample : N1944-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-27154

Quant Time: Mar 19 05:34:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

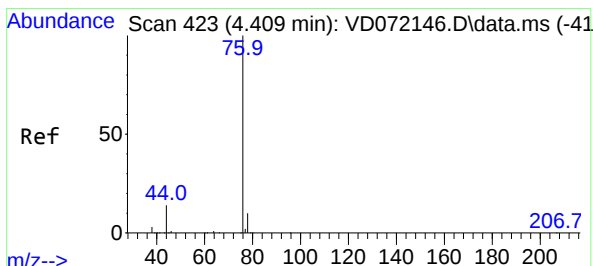
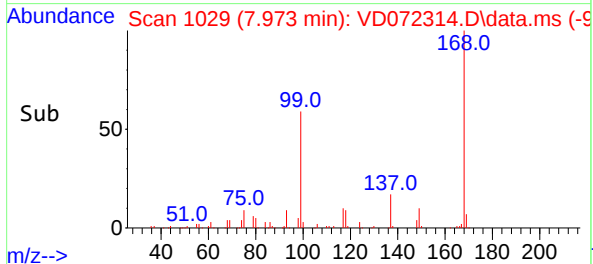
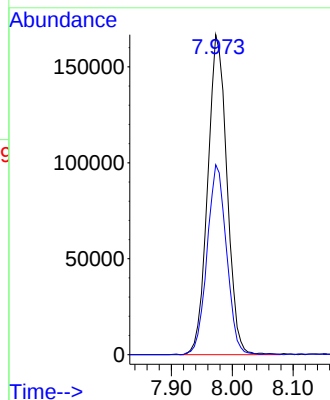
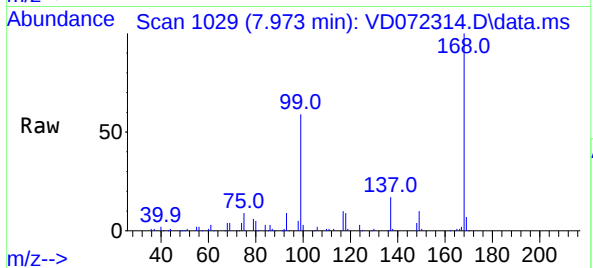




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

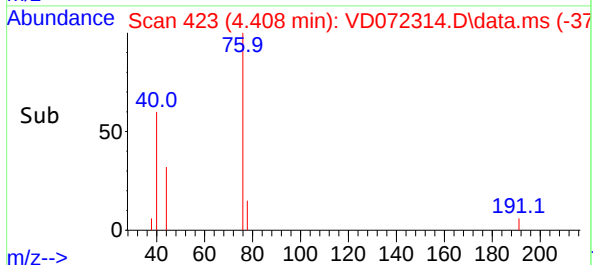
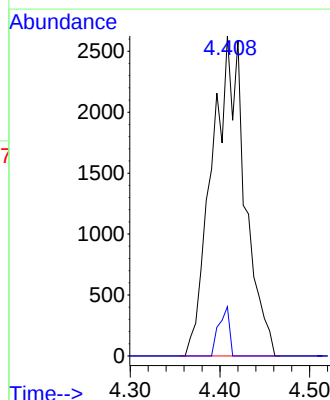
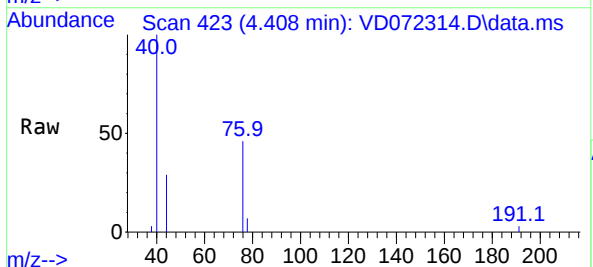
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27154

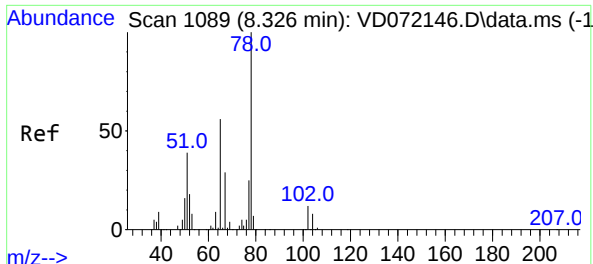
Tgt Ion:168 Resp: 366988
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#17
Carbon Disulfide
Concen: 2.329 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.001 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

Tgt Ion: 76 Resp: 6722
Ion Ratio Lower Upper
76 100
78 15.4 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 44.465 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072314.D

Acq: 19 Mar 2022 03:39

Instrument :

MSVOA_D

ClientSampleId :

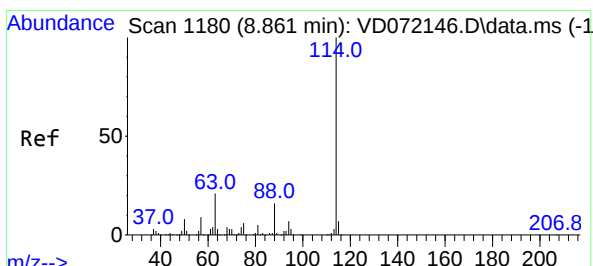
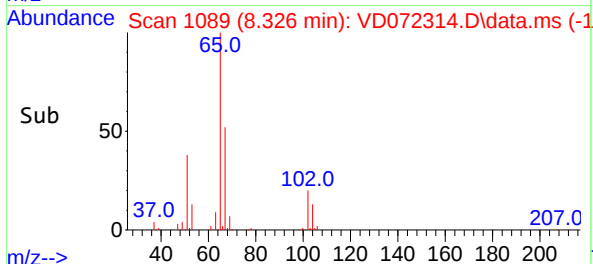
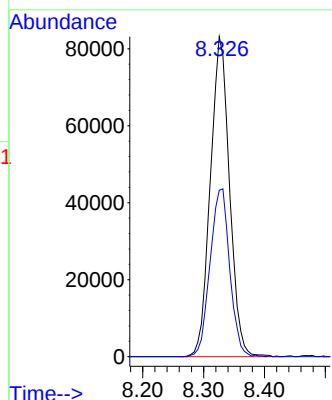
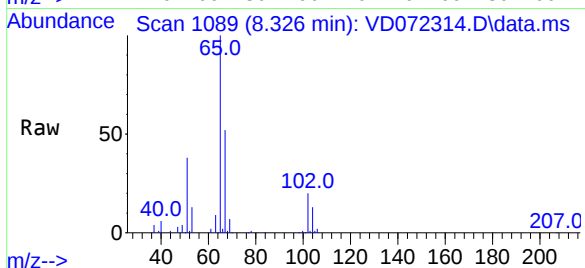
CHRT-27154

Tgt Ion: 65 Resp: 181858

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072314.D

Acq: 19 Mar 2022 03:39

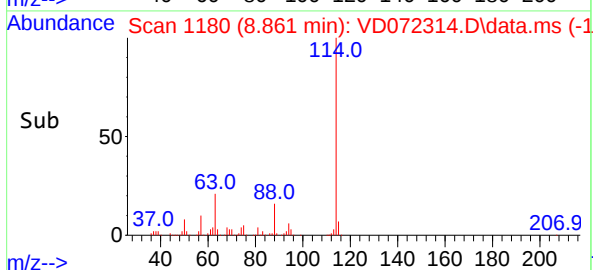
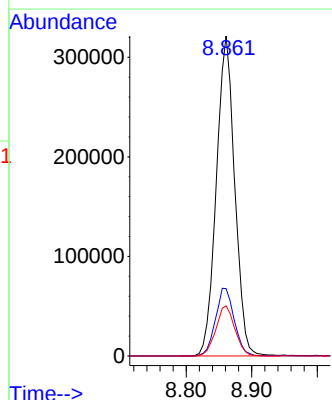
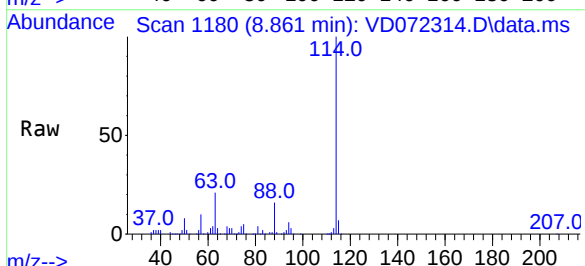
Tgt Ion: 114 Resp: 623792

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.7 0.0 33.2

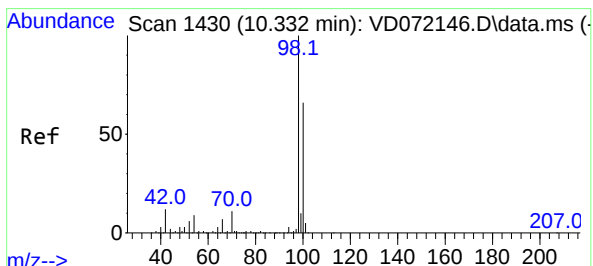
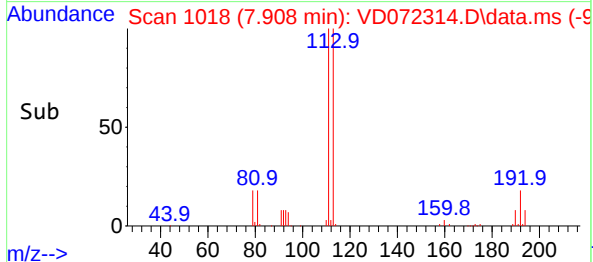
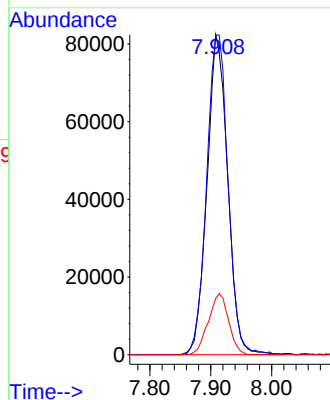
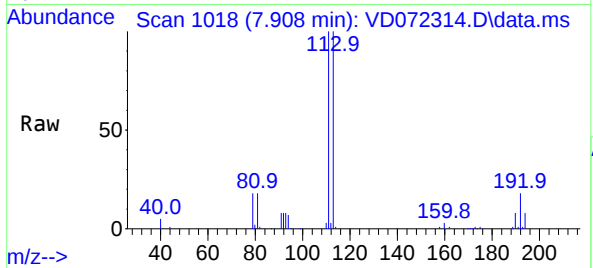




#35
Dibromofluoromethane
Concen: 44.188 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

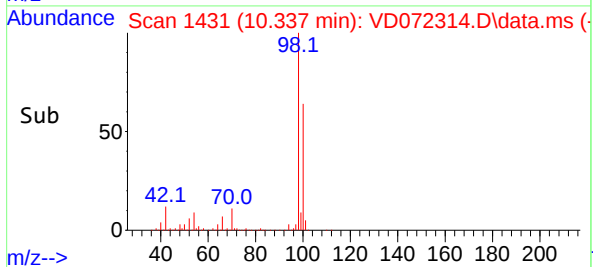
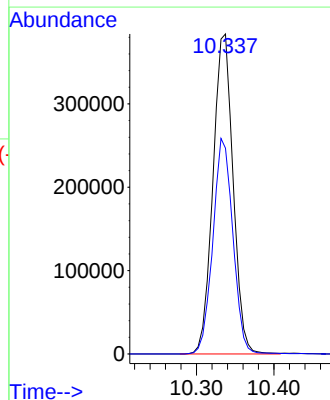
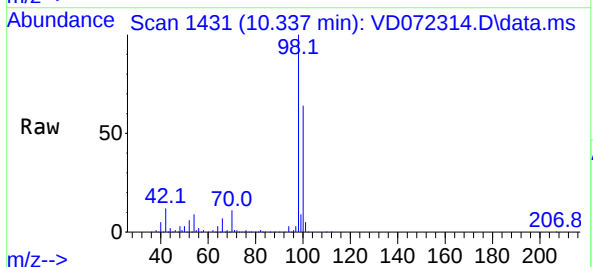
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27154

Tgt Ion:113 Resp: 193971
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.7 14.6 21.8



#50
Toluene-d8
Concen: 43.174 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.005 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

Tgt Ion: 98 Resp: 692981
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6

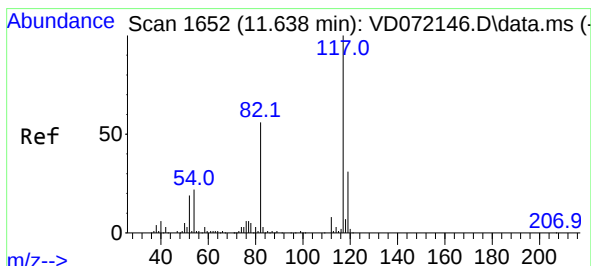
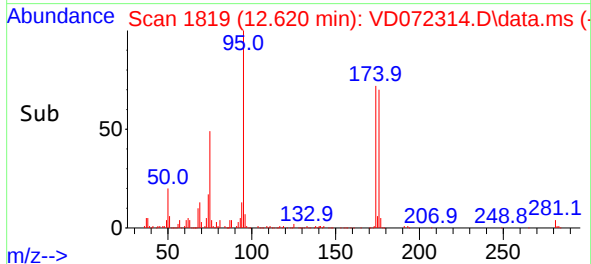
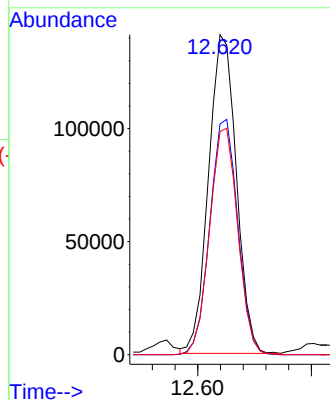
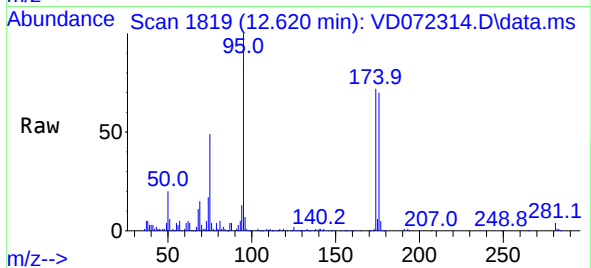




#62
4-Bromofluorobenzene
Concen: 38.425 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

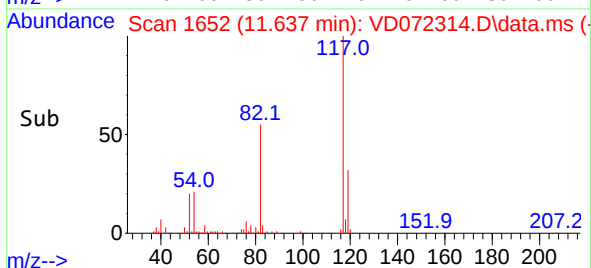
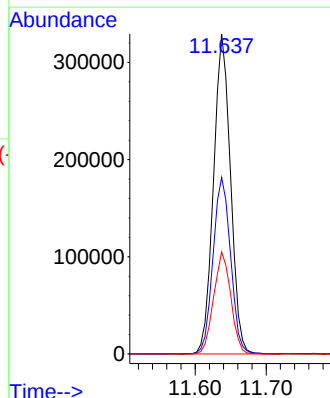
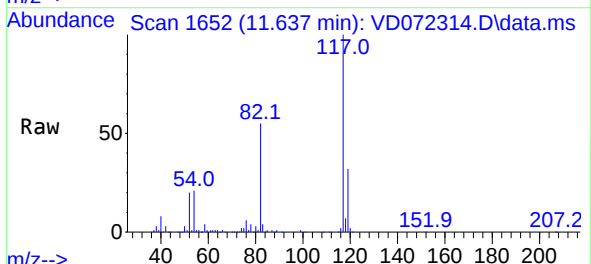
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27154

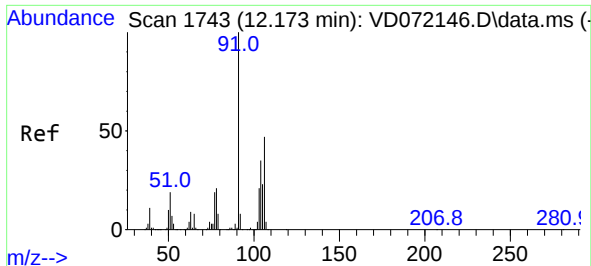
Tgt Ion: 95 Resp: 239642
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 71.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

Tgt Ion: 117 Resp: 546975
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 31.9 26.6 40.0

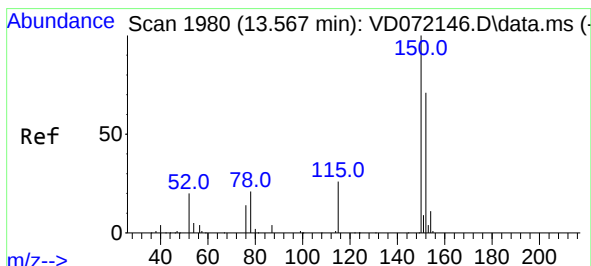
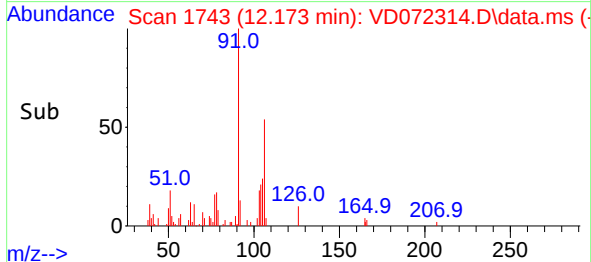
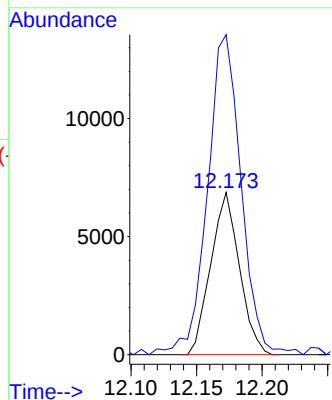
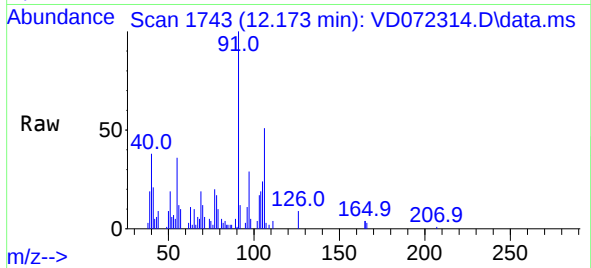




#69
o-Xylene
Concen: 1.327 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

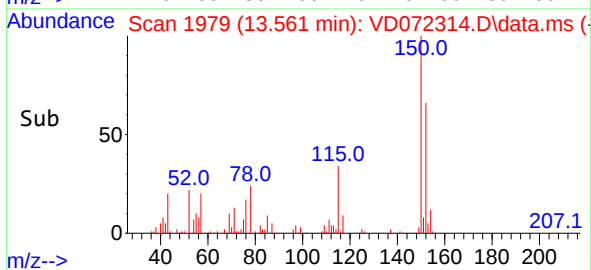
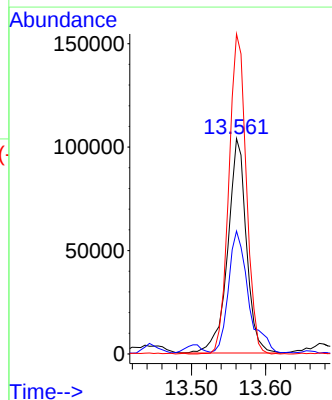
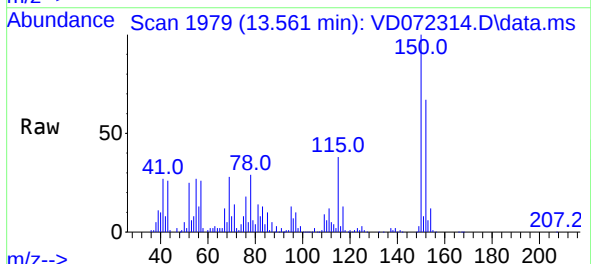
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27154

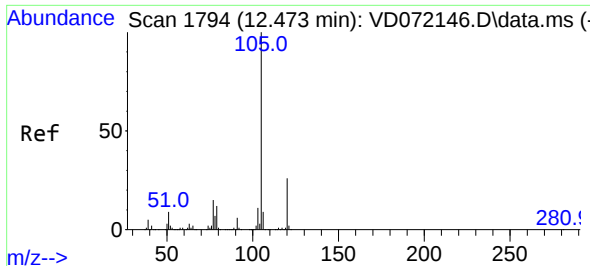
Tgt Ion:106 Resp: 10441
Ion Ratio Lower Upper
106 100
91 232.5 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

Tgt Ion:152 Resp: 180784
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 139.6 0.0 348.6

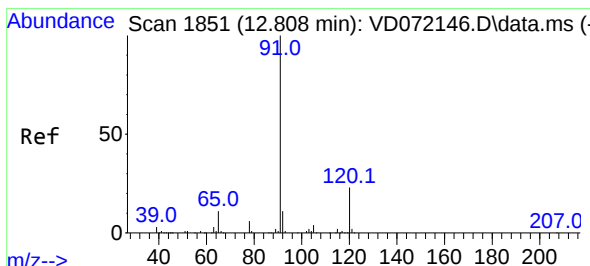
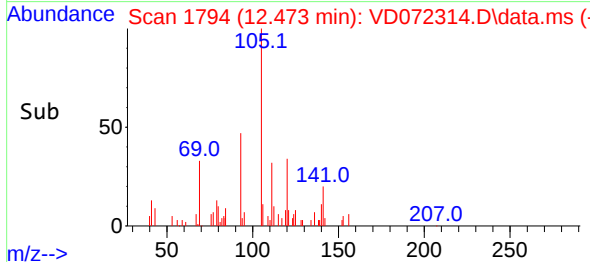
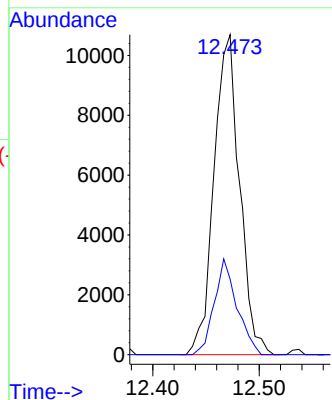
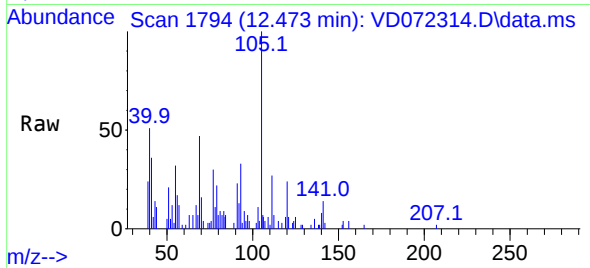




#73
Isopropylbenzene
Concen: 1.244 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

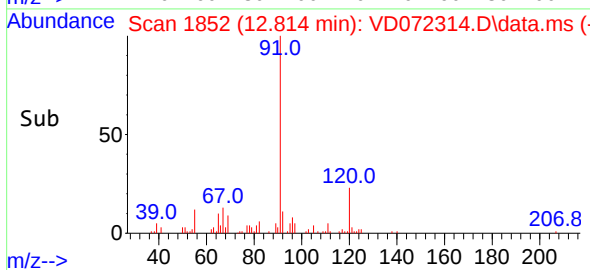
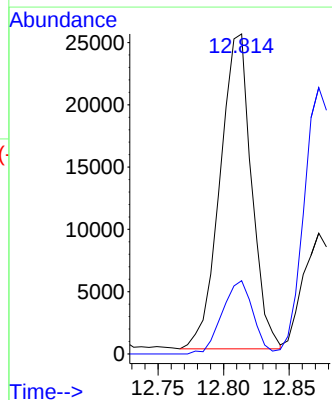
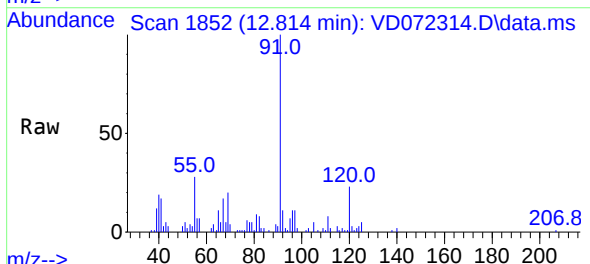
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27154

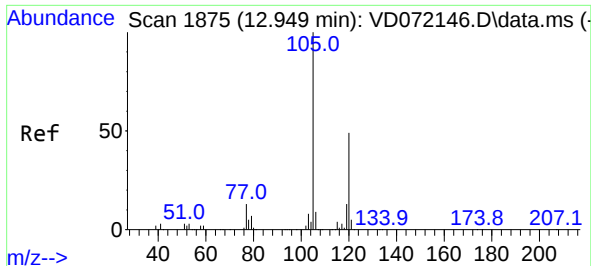
Tgt Ion:105 Resp: 17821
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#78
n-propylbenzene
Concen: 2.435 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

Tgt Ion: 91 Resp: 42372
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9

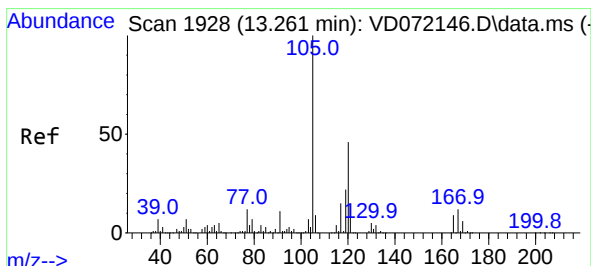
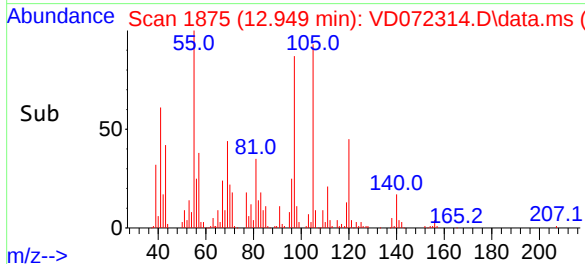
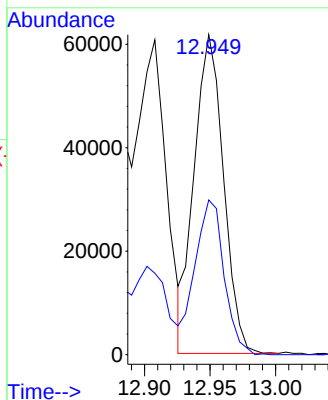
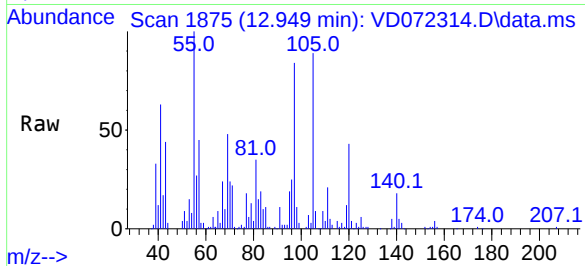




#80
1,3,5-Trimethylbenzene
Concen: 7.783 ug/l
RT: 12.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

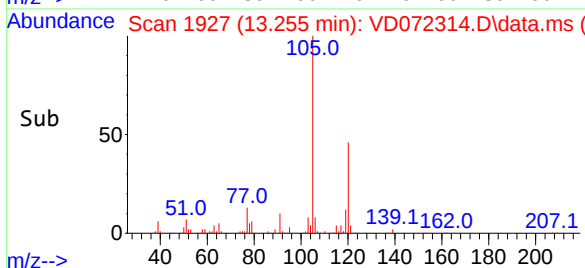
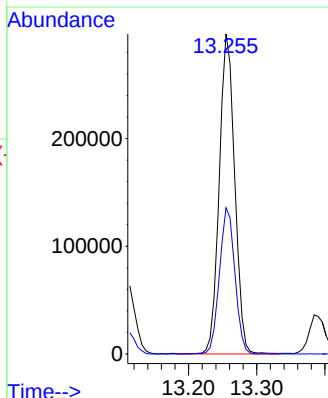
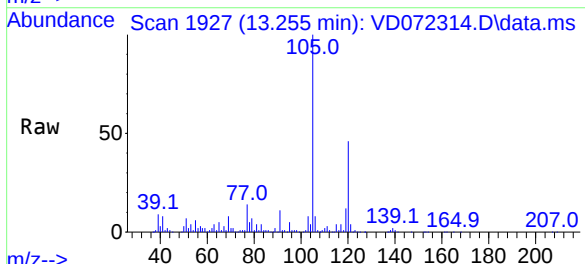
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27154

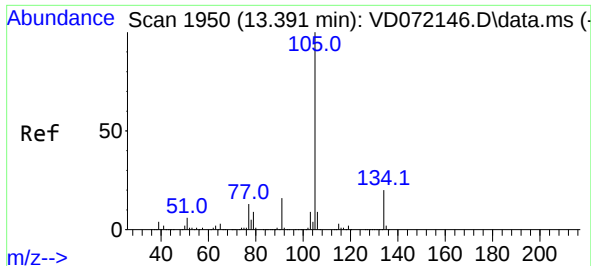
Tgt Ion:105 Resp: 95790
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 38.677 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

Tgt Ion:105 Resp: 469032
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8

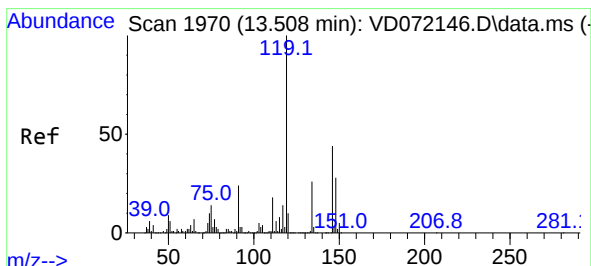
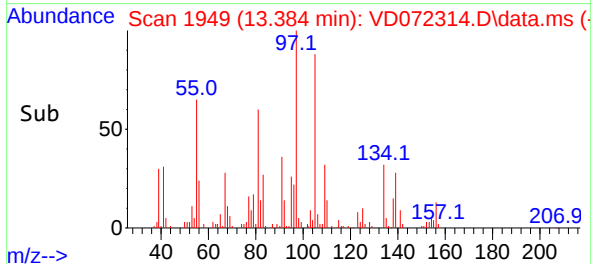
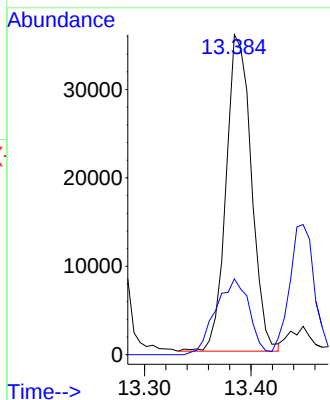
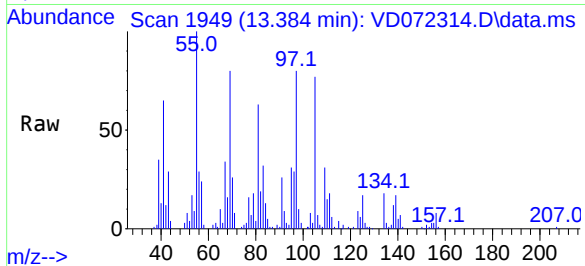




#85
sec-Butylbenzene
Concen: 3.649 ug/l
RT: 13.384 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

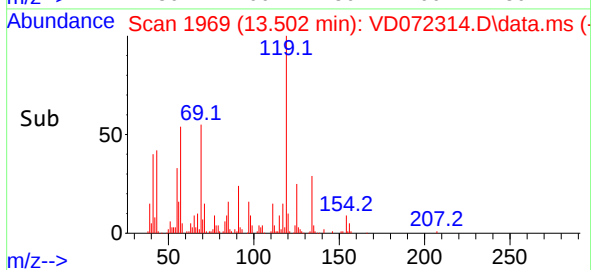
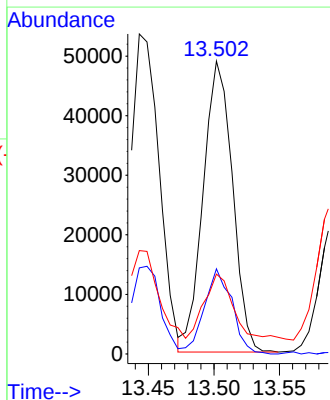
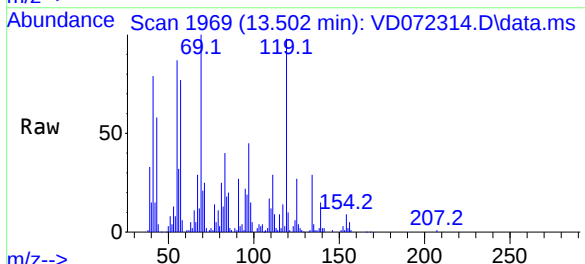
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27154

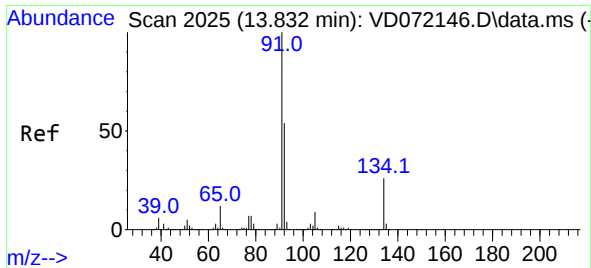
Tgt Ion:105 Resp: 59136
Ion Ratio Lower Upper
105 100
134 31.9 9.8 29.3#



#86
p-Isopropyltoluene
Concen: 5.707 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072314.D
Acq: 19 Mar 2022 03:39

Tgt Ion:119 Resp: 76098
Ion Ratio Lower Upper
119 100
134 27.7 12.9 38.6
91 22.7 12.1 36.3





#89

n-Butylbenzene

Concen: 8.556 ug/l

RT: 13.825 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD072314.D

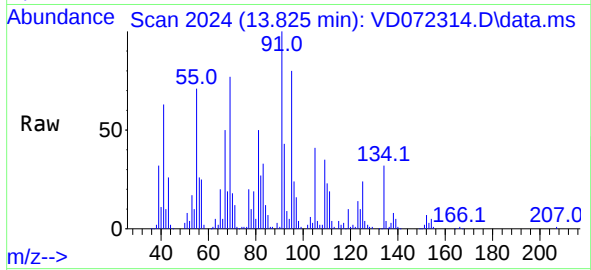
Acq: 19 Mar 2022 03:39

Instrument :

MSVOA_D

ClientSampleId :

CHRT-27154



Tgt Ion: 91 Resp: 108739

Ion Ratio Lower Upper

91 100

92 55.1 26.6 79.8

134 0.0 12.3 36.9#

