

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016213.D
 Acq On : 03 Nov 2023 14:23
 Operator : SY/MD
 Sample : 05228-01
 Misc : 2.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26882

Quant Time: Nov 03 23:02:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

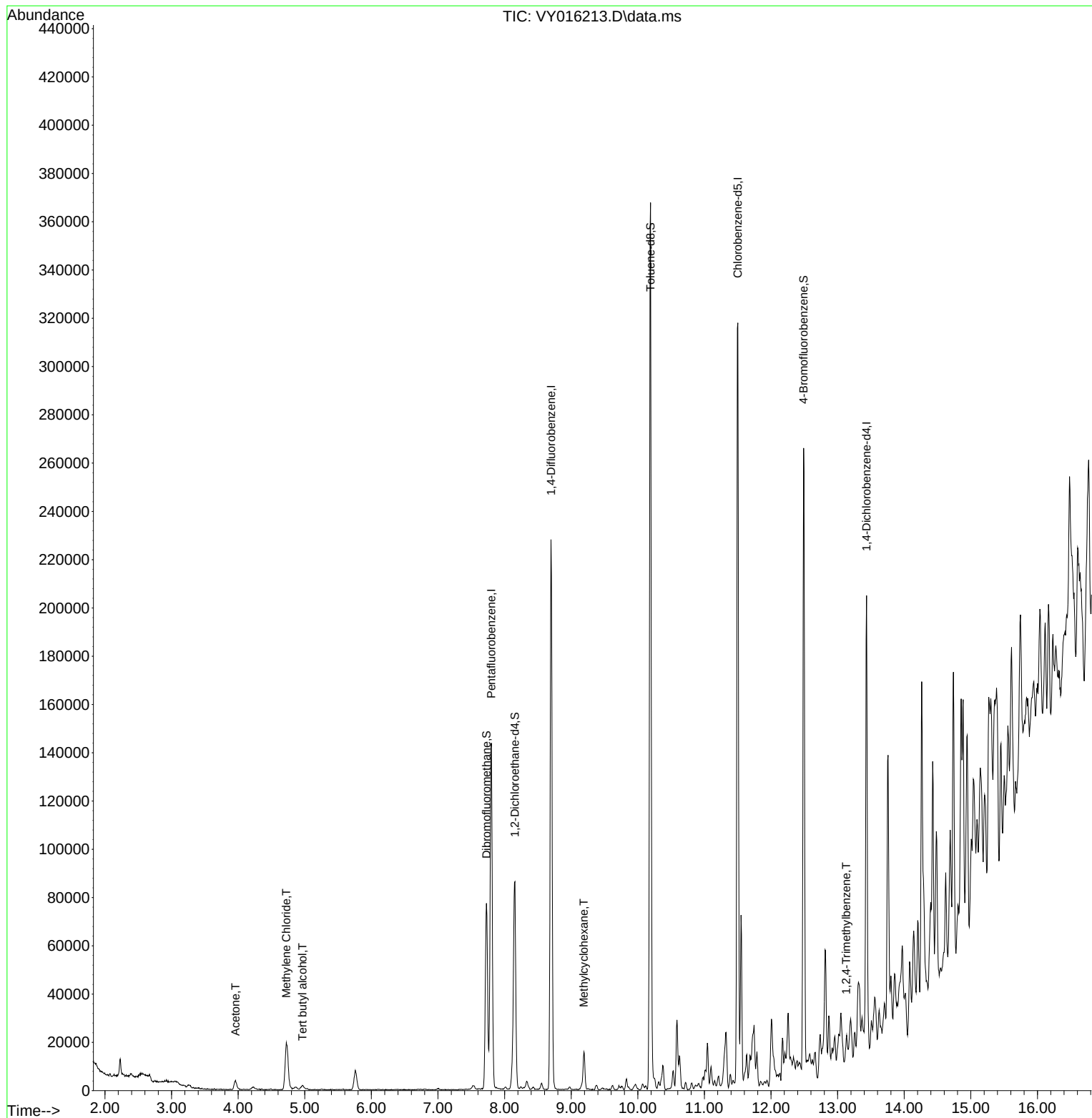
Internal Standards						
1) Pentafluorobenzene	7.801	168	114440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	183505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	49385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	64841	60.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.100%
35) Dibromofluoromethane	7.728	113	55998	47.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.191	98	234170	49.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.489	95	69881	43.462	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	3691	46.132	ug/l #	88
16) Acetone	3.960	43	6708	21.827	ug/l #	76
20) Methylene Chloride	4.722	84	15764	12.169	ug/l	86
39) Methylcyclohexane	9.191	83	6399	3.130	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	4383	1.476	ug/l	84

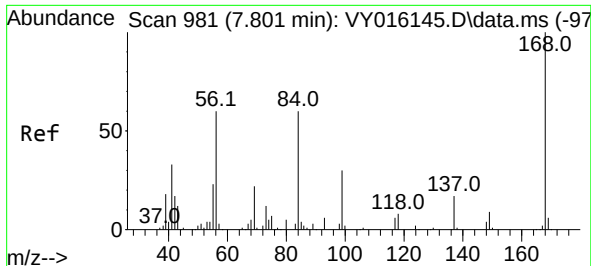
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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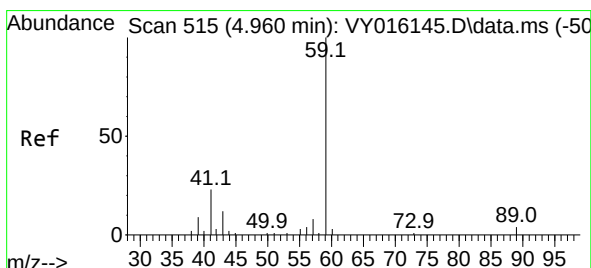
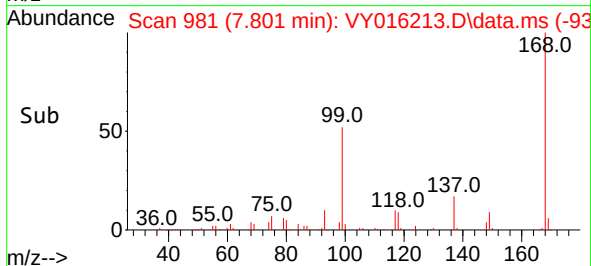
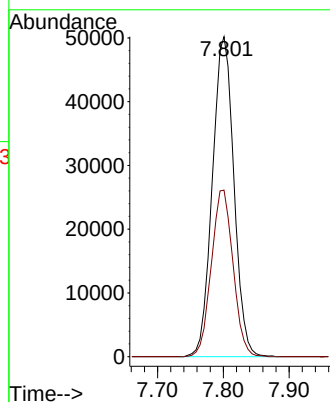
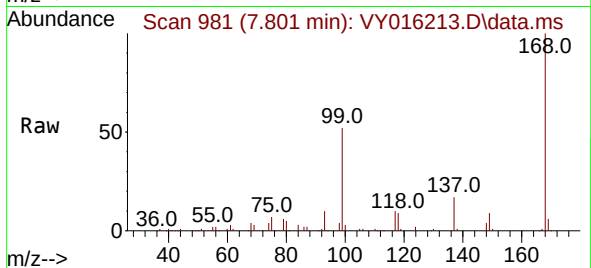




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016213.D
Acq: 03 Nov 2023 14:23

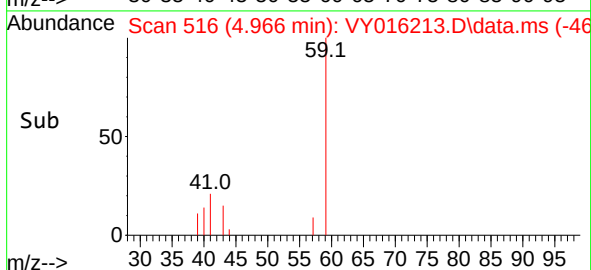
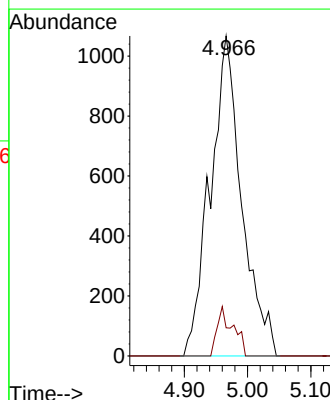
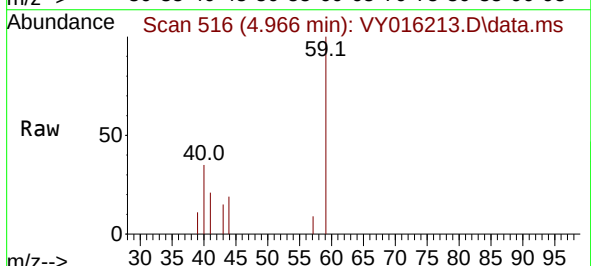
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

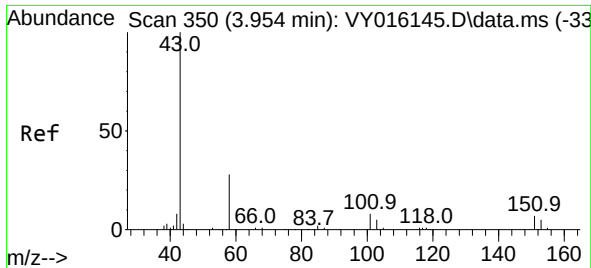
Tgt Ion:168 Resp: 114440
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 46.132 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016213.D
Acq: 03 Nov 2023 14:23

Tgt Ion: 59 Resp: 3691
Ion Ratio Lower Upper
59 100
57 7.7 3.0 4.4#

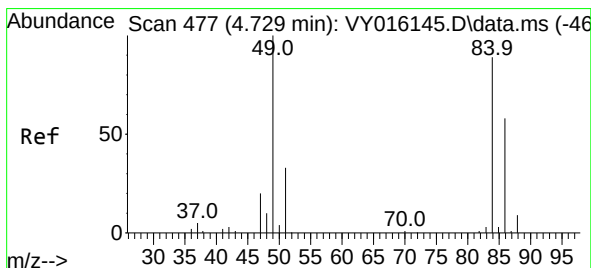
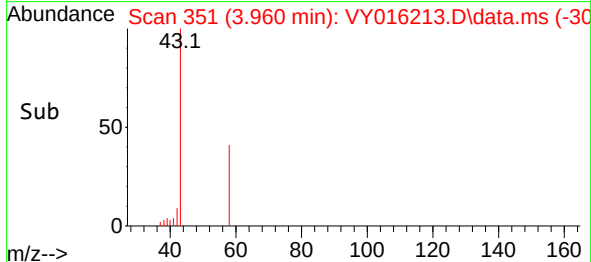
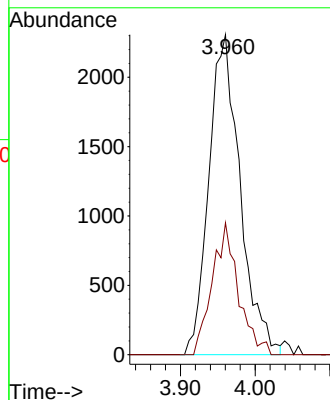
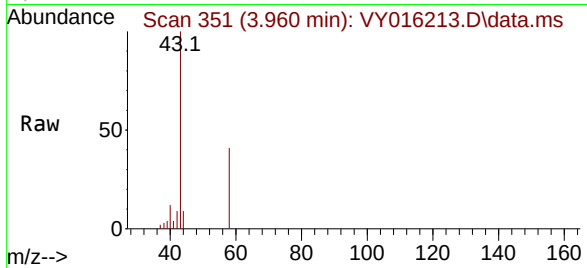




#16
Acetone
Concen: 21.827 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016213.D
Acq: 03 Nov 2023 14:23

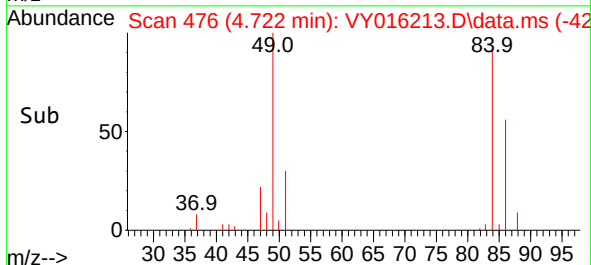
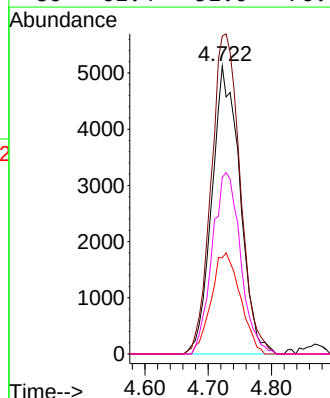
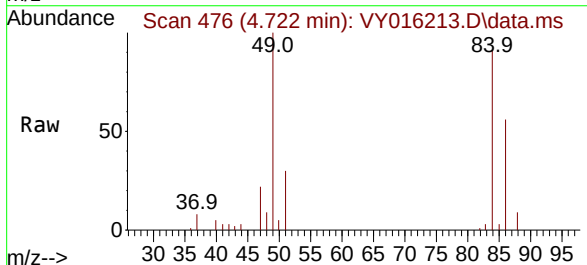
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26882

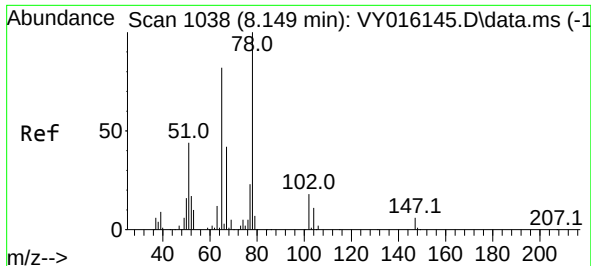
Tgt Ion: 43 Resp: 6708
Ion Ratio Lower Upper
43 100
58 41.2 22.7 34.1#



#20
Methylene Chloride
Concen: 12.169 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016213.D
Acq: 03 Nov 2023 14:23

Tgt Ion: 84 Resp: 15764
Ion Ratio Lower Upper
84 100
49 110.4 106.9 160.3
51 33.4 33.2 49.8
86 61.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.551 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016213.D

Acq: 03 Nov 2023 14:23

Instrument :

MSVOA_Y

ClientSampleId :

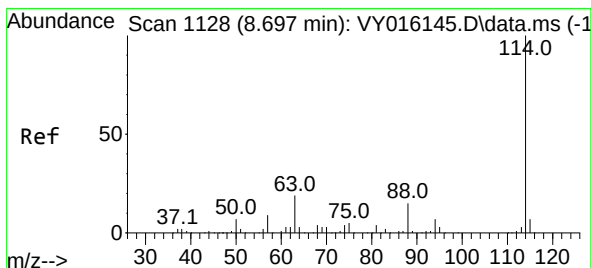
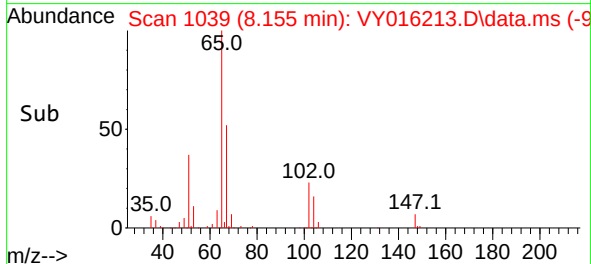
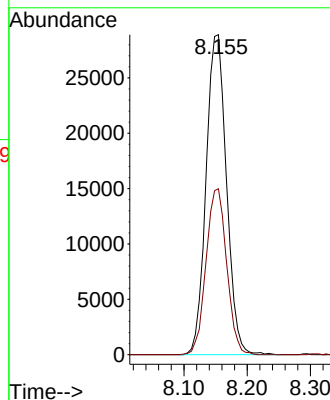
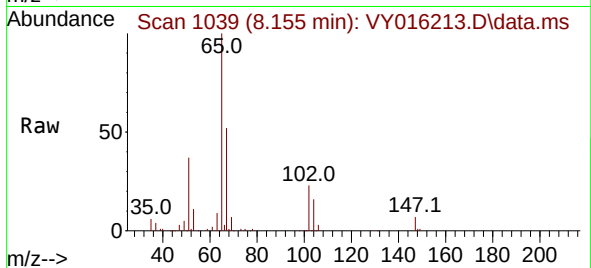
CHRT-26882

Tgt Ion: 65 Resp: 64841

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016213.D

Acq: 03 Nov 2023 14:23

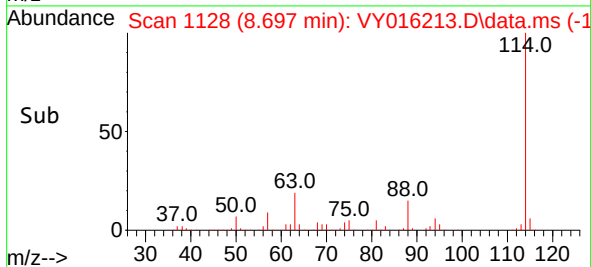
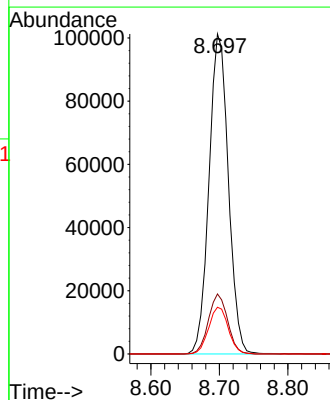
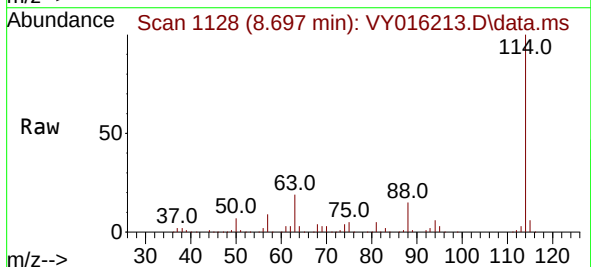
Tgt Ion: 114 Resp: 198930

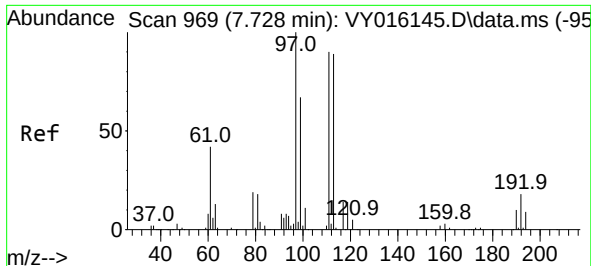
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.6 0.0 30.6

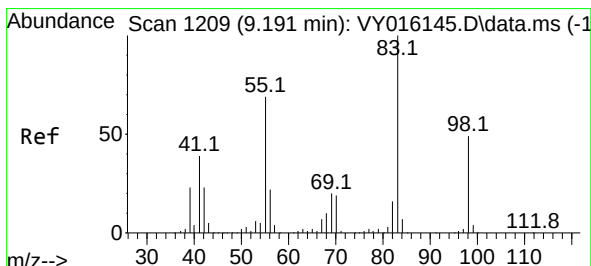
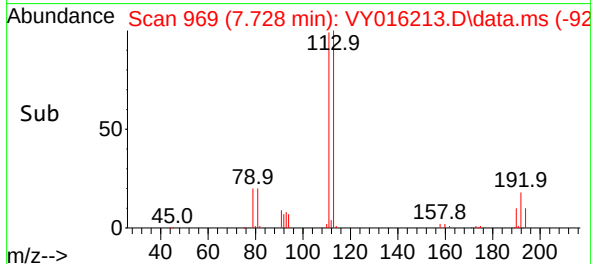
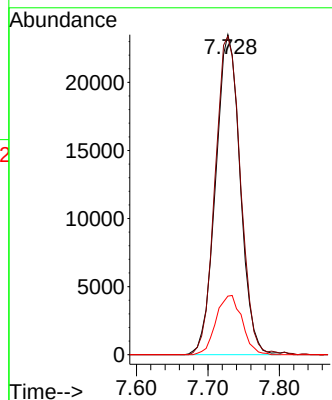
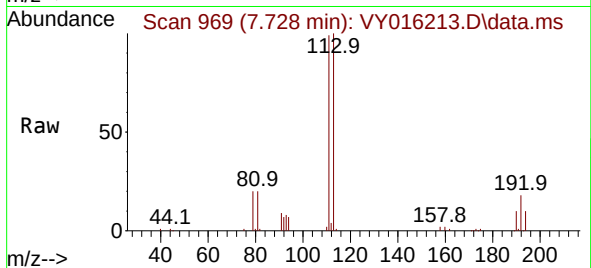




#35
Dibromofluoromethane
Concen: 47.217 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016213.D
Acq: 03 Nov 2023 14:23

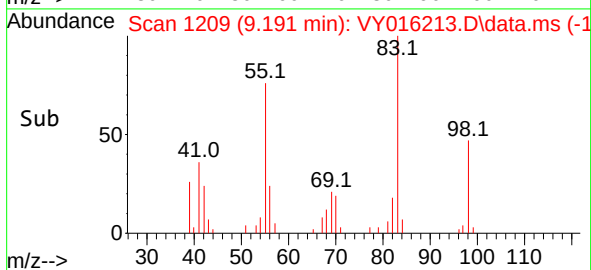
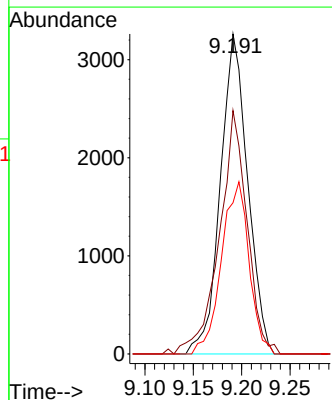
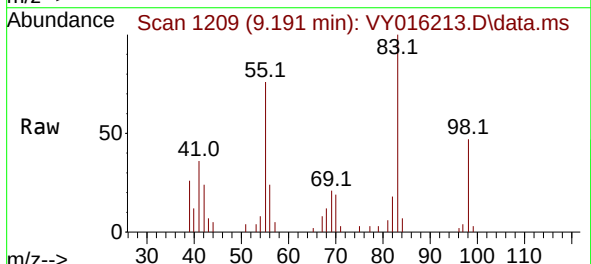
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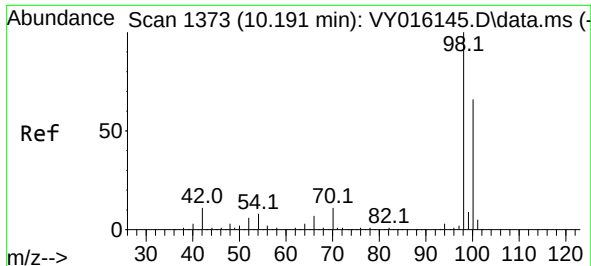
Tgt Ion:113 Resp: 55998
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3



#39
Methylcyclohexane
Concen: 3.130 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY016213.D
Acq: 03 Nov 2023 14:23

Tgt Ion: 83 Resp: 6399
Ion Ratio Lower Upper
83 100
55 76.0 63.0 94.4
98 47.2 37.4 56.2

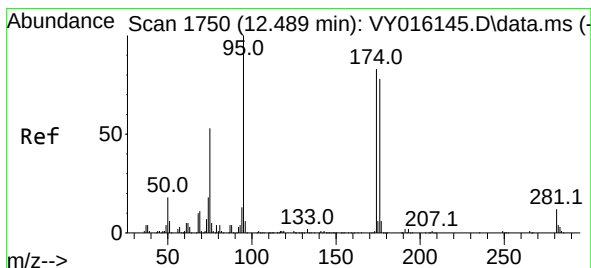
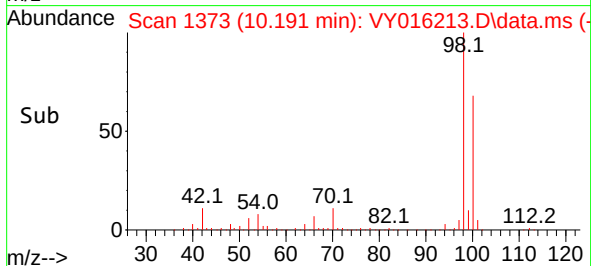
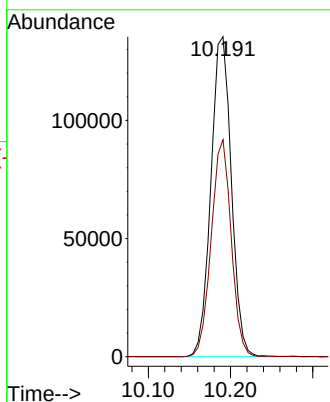
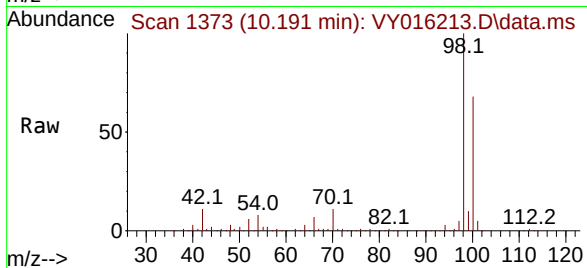




#50
Toluene-d8
Concen: 49.801 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016213.D
Acq: 03 Nov 2023 14:23

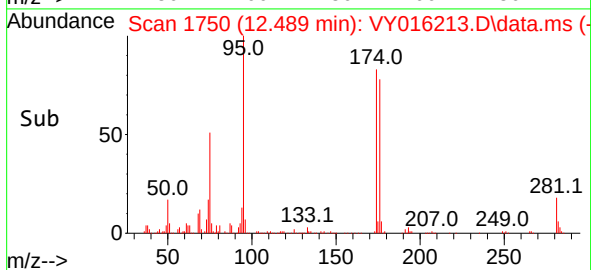
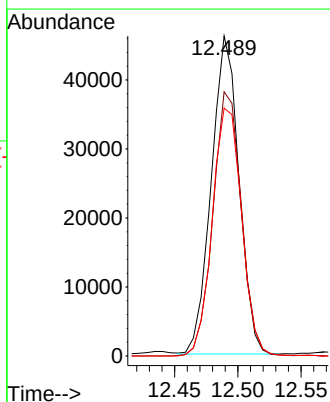
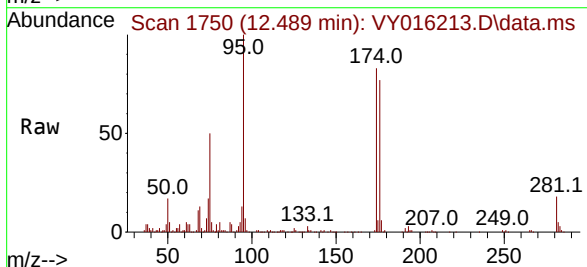
Instrument :
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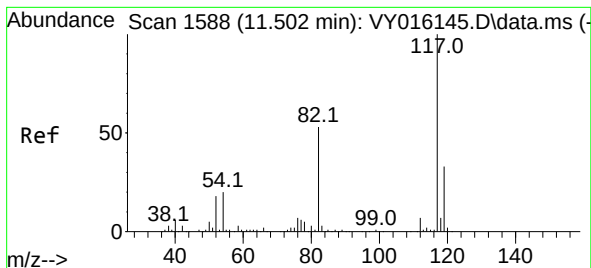
Tgt Ion: 98 Resp: 234170
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.462 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016213.D
Acq: 03 Nov 2023 14:23

Tgt Ion: 95 Resp: 69881
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016213.D

Acq: 03 Nov 2023 14:23

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26882

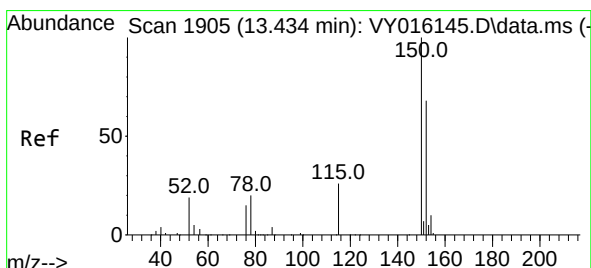
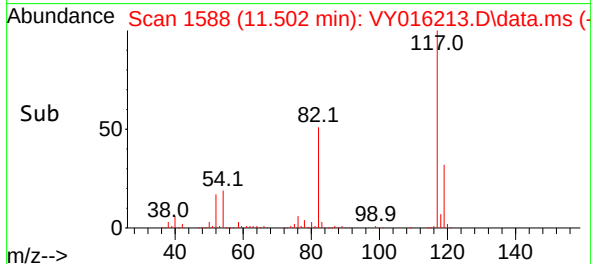
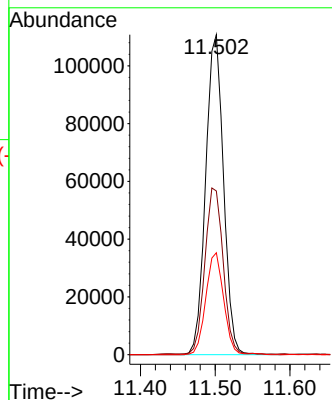
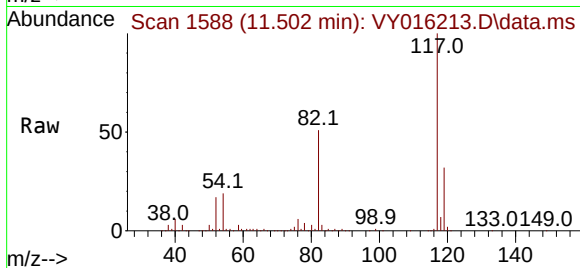
Tgt Ion:117 Resp: 183505

Ion Ratio Lower Upper

117 100

82 50.9 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016213.D

Acq: 03 Nov 2023 14:23

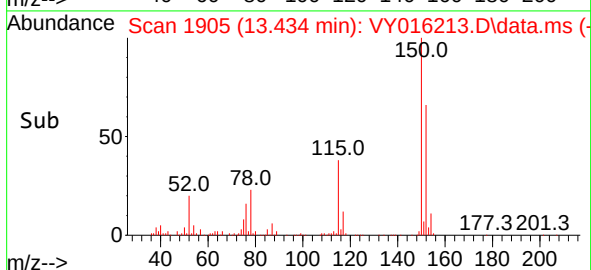
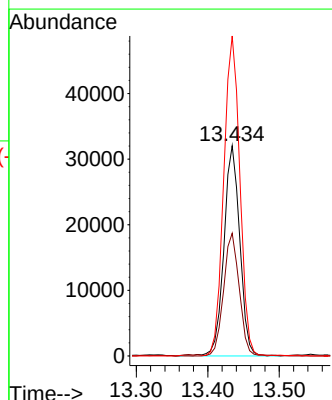
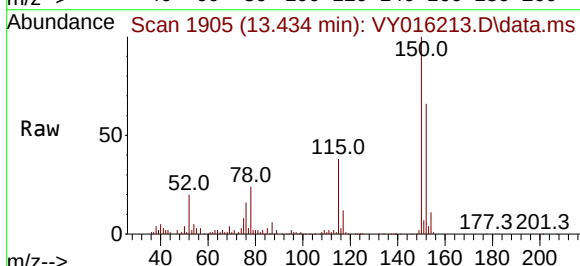
Tgt Ion:152 Resp: 49385

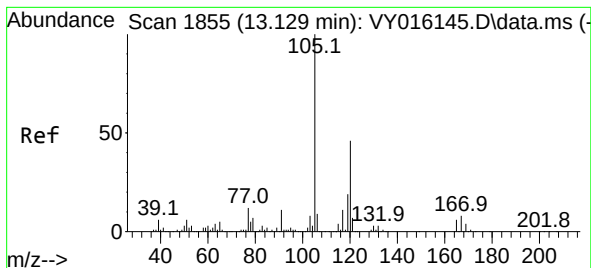
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 154.2 0.0 348.8





#84

1,2,4-Trimethylbenzene

Concen: 1.476 ug/l

RT: 13.129 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016213.D

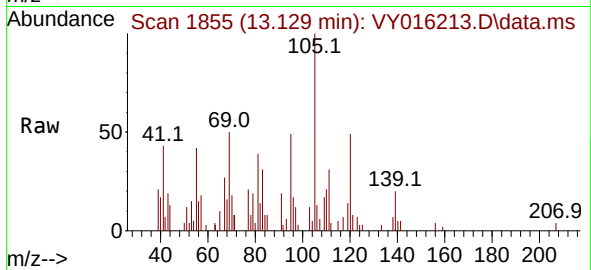
Acq: 03 Nov 2023 14:23

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26882



Tgt Ion:105 Resp: 4383

Ion Ratio Lower Upper

105 100

120 33.9 22.2 66.6

