

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076872.D
 Acq On : 31 Jul 2023 14:06
 Operator : KP/SY
 Sample : 03788-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20430RE

Quant Time: Aug 01 02:10:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

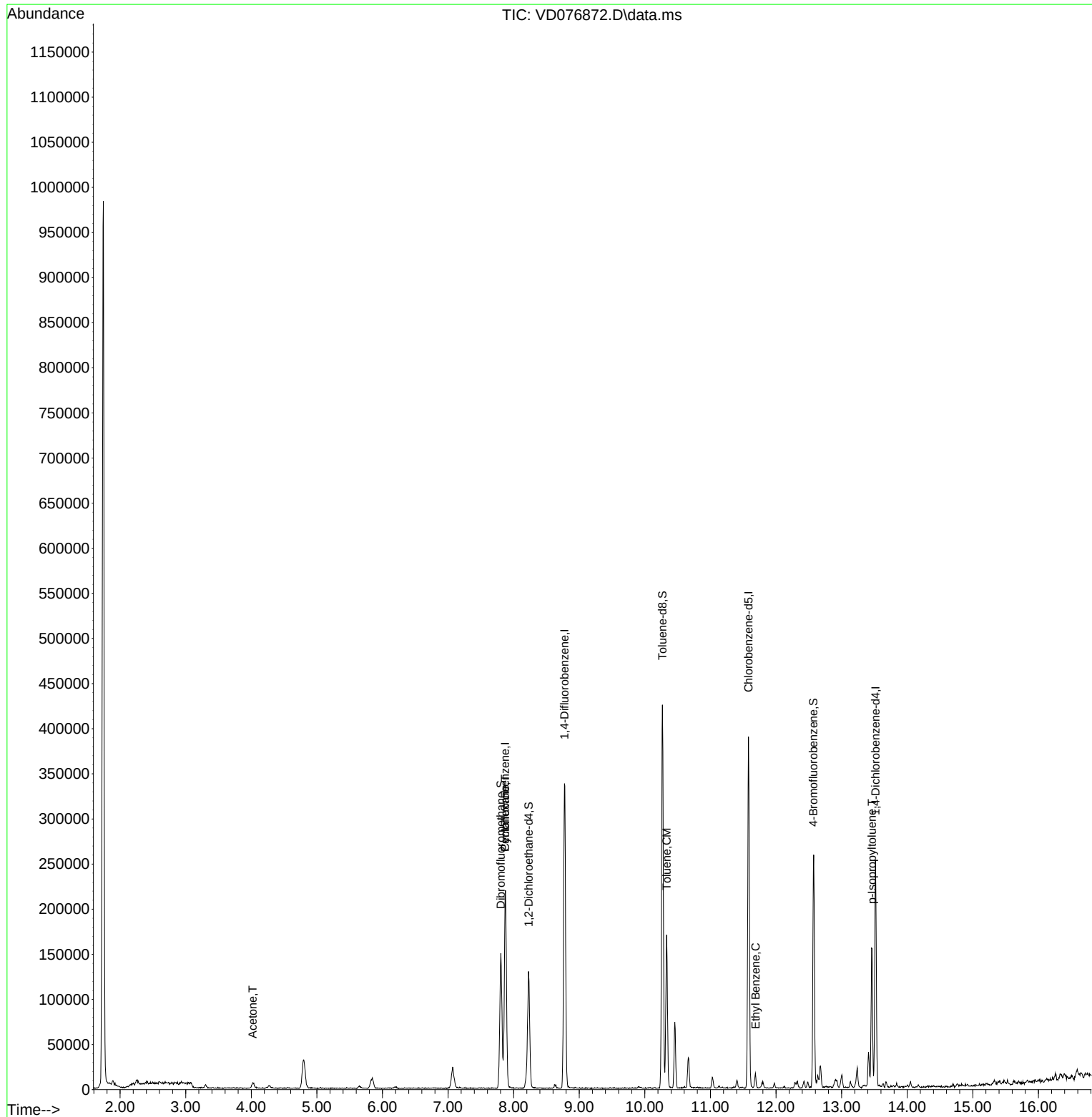
Internal Standards						
1) Pentafluorobenzene	7.869	168	168077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	321122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	67621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93085	55.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.200%
35) Dibromofluoromethane	7.804	113	108020	53.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.060%
50) Toluene-d8	10.269	98	308252	42.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.400%
62) 4-Bromofluorobenzene	12.569	95	75508	32.333	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.660%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	9675	24.199	ug/l #	84
31) Cyclohexane	7.869	56	4075	1.654	ug/l #	60
52) Toluene	10.334	92	73237	13.402	ug/l	100
67) Ethyl Benzene	11.687	91	10737	1.312	ug/l	90
86) p-Isopropyltoluene	13.463	119	89534	20.315	ug/l	98

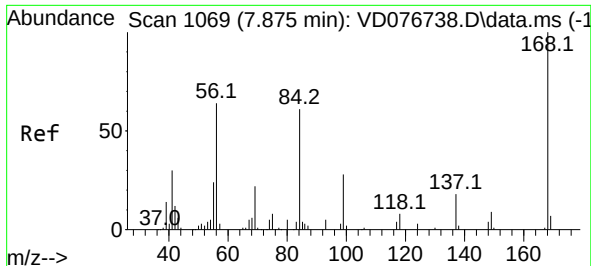
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 01 02:10:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

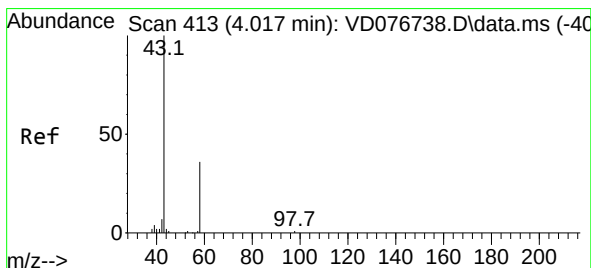
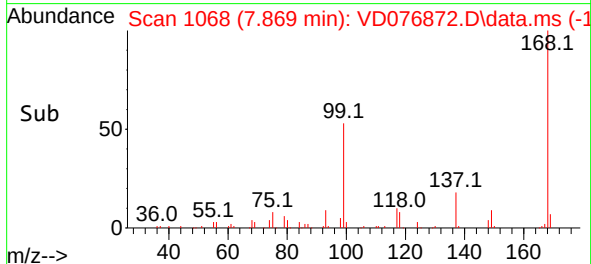
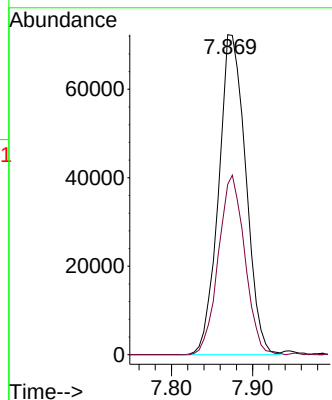
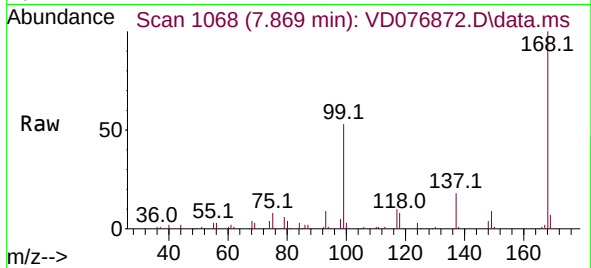




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

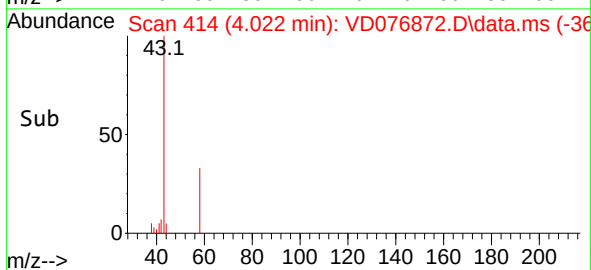
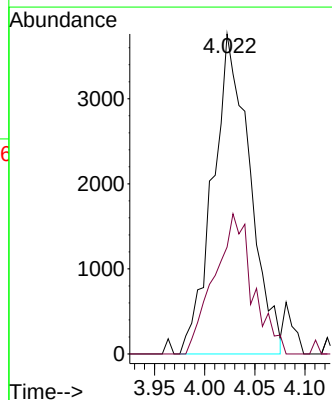
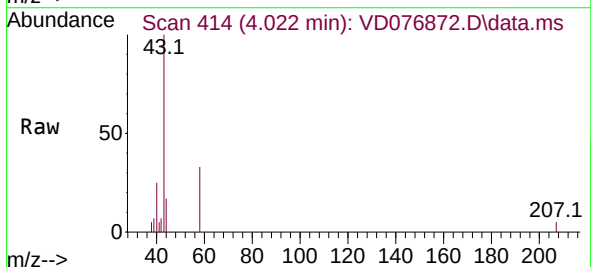
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

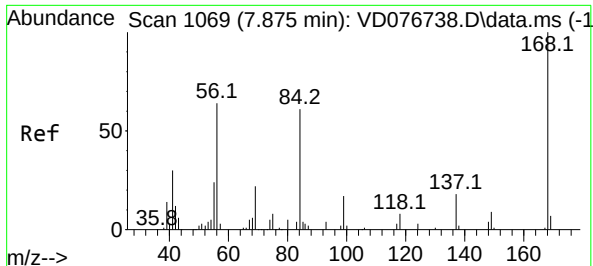
Tgt Ion:168 Resp: 168077
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#16
Acetone
Concen: 24.199 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 43 Resp: 9675
Ion Ratio Lower Upper
43 100
58 33.4 34.7 52.1#

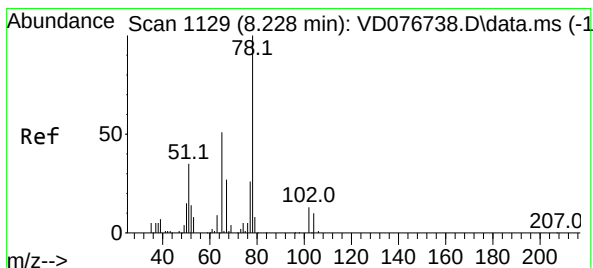
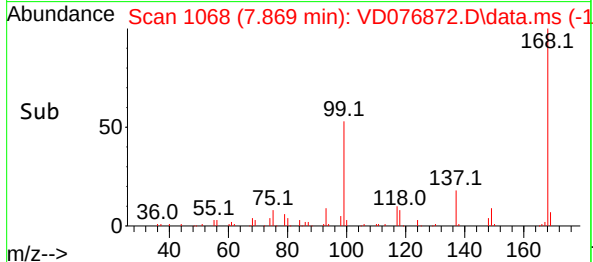
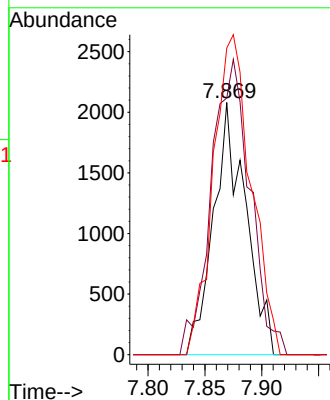
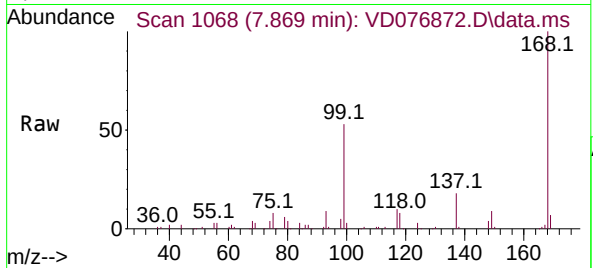




#31
Cyclohexane
Concen: 1.654 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

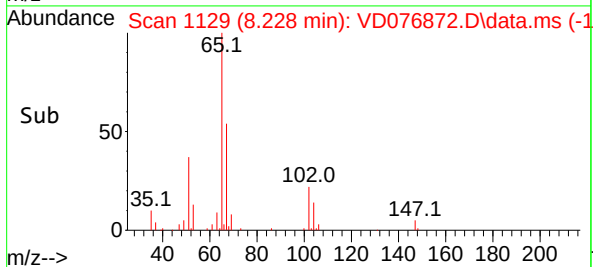
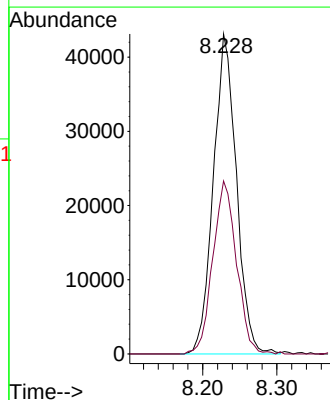
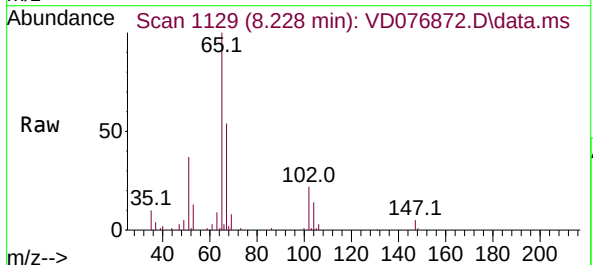
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

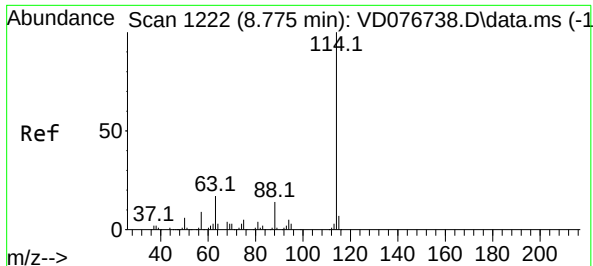
Tgt Ion: 56 Resp: 4075
Ion Ratio Lower Upper
56 100
69 101.7 28.6 43.0#
84 121.5 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 55.603 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 65 Resp: 93085
Ion Ratio Lower Upper
65 100
67 55.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076872.D

Acq: 31 Jul 2023 14:06

Instrument :

MSVOA_D

ClientSampleId :

CHRT-20430RE

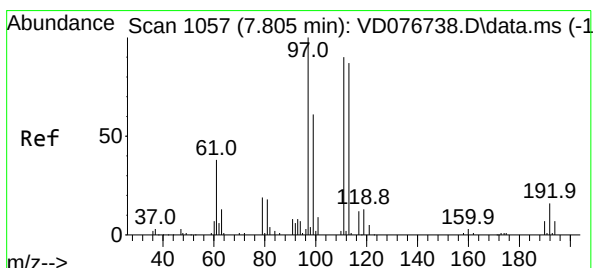
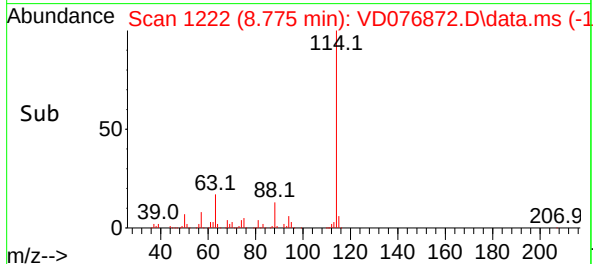
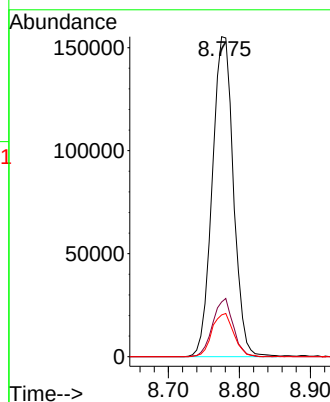
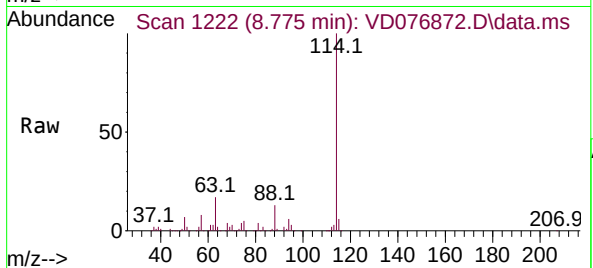
Tgt Ion:114 Resp: 321122

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.529 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076872.D

Acq: 31 Jul 2023 14:06

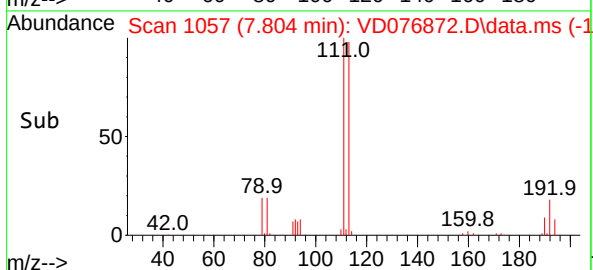
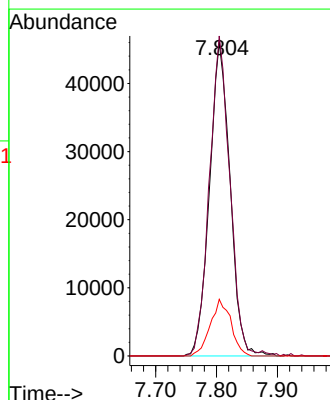
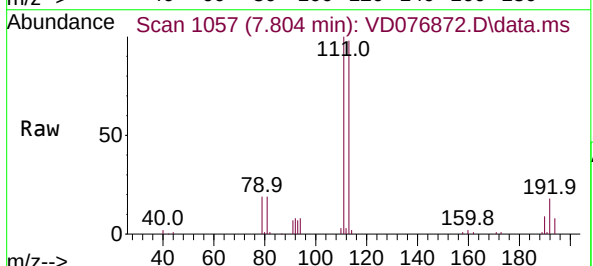
Tgt Ion:113 Resp: 108020

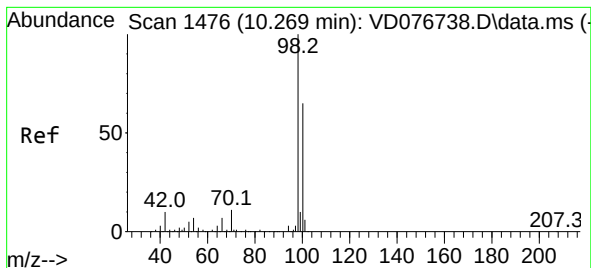
Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 18.1 16.8 25.2

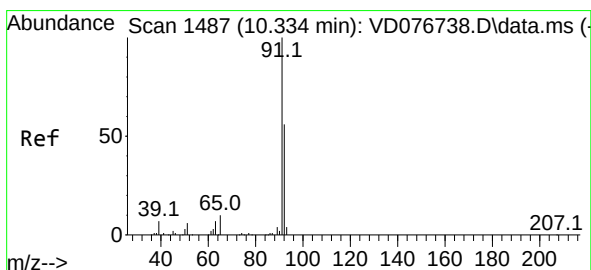
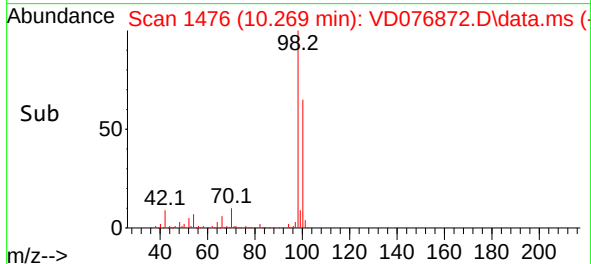
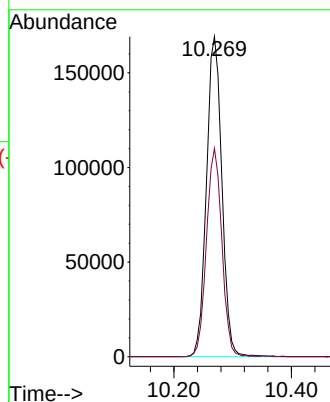
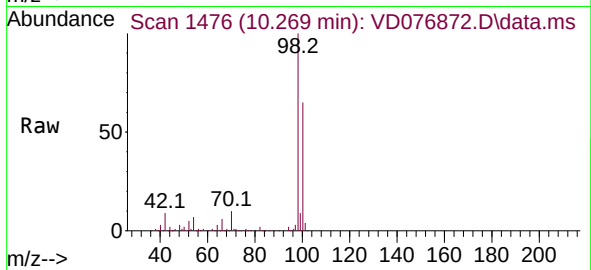




#50
Toluene-d8
Concen: 42.700 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

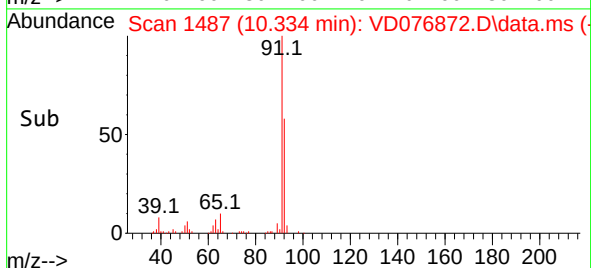
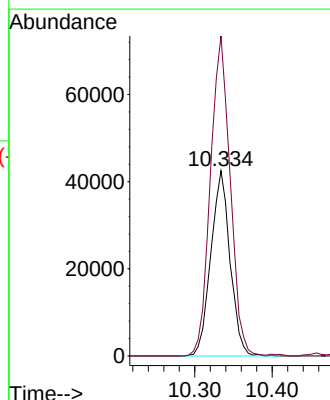
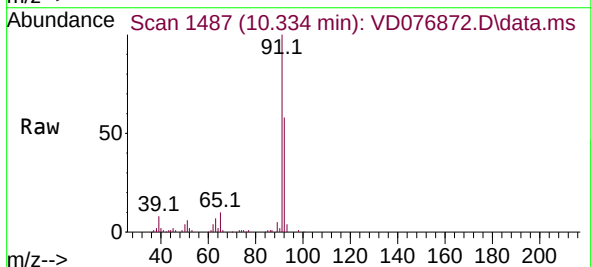
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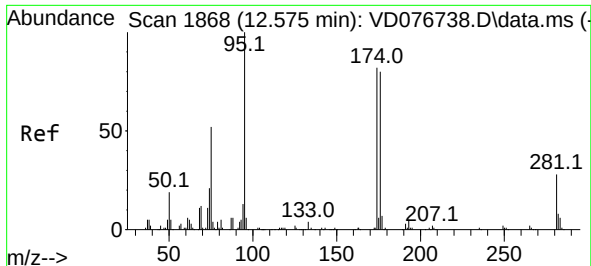
Tgt Ion: 98 Resp: 308252
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#52
Toluene
Concen: 13.402 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 92 Resp: 73237
Ion Ratio Lower Upper
92 100
91 178.3 143.0 214.4

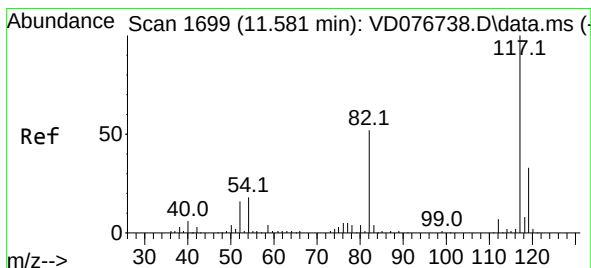
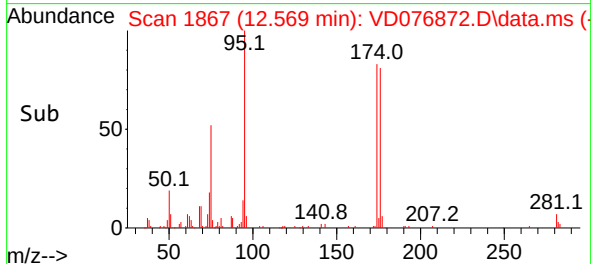
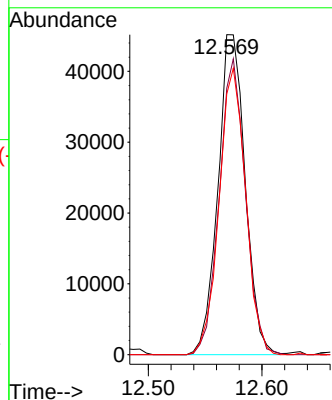
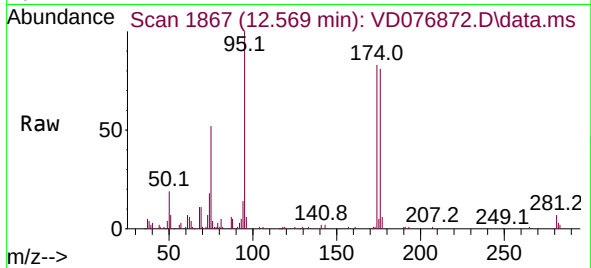




#62
4-Bromofluorobenzene
Concen: 32.333 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

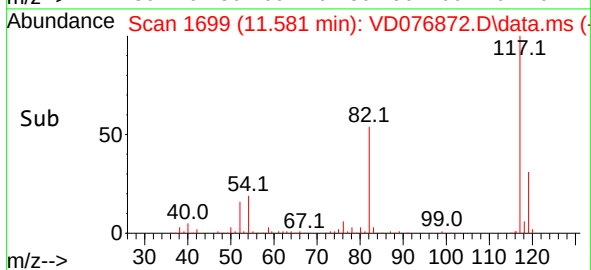
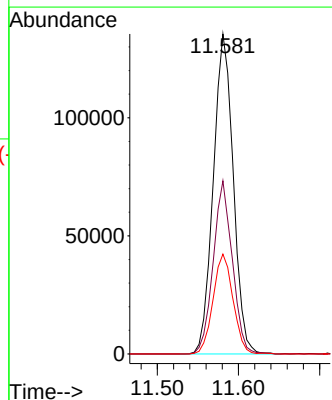
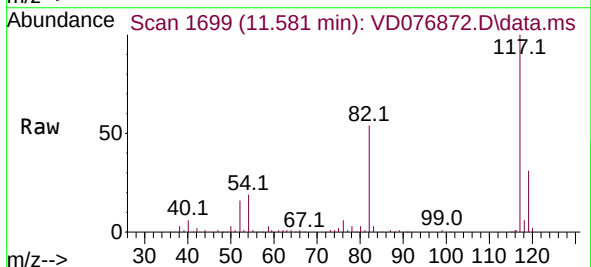
Instrument :
MSVOA_D
ClientSampleId :
CHRT-20430RE

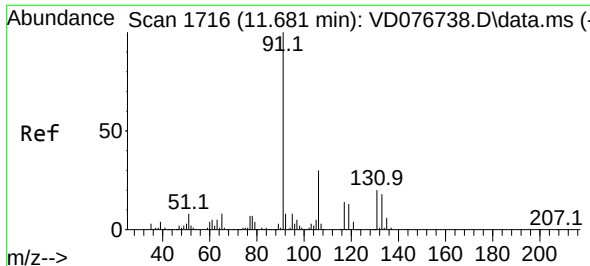
Tgt Ion: 95 Resp: 75508
Ion Ratio Lower Upper
95 100
174 88.4 0.0 201.8
176 86.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion: 117 Resp: 231624
Ion Ratio Lower Upper
117 100
82 54.1 38.3 57.5
119 31.2 25.0 37.4

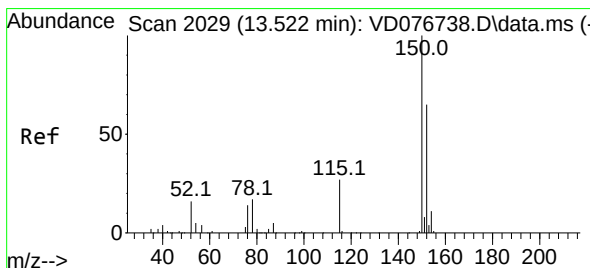
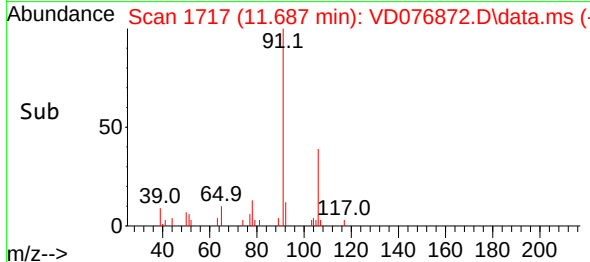
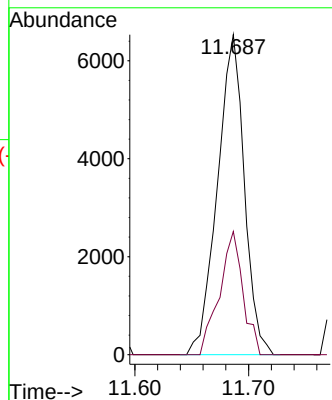
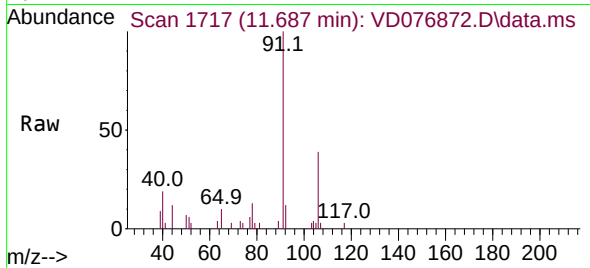




#67
Ethyl Benzene
Concen: 1.312 ug/l
RT: 11.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

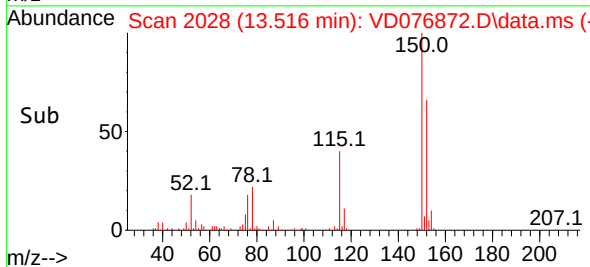
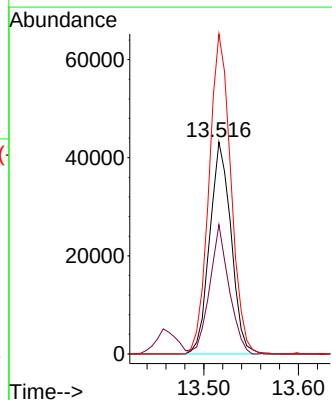
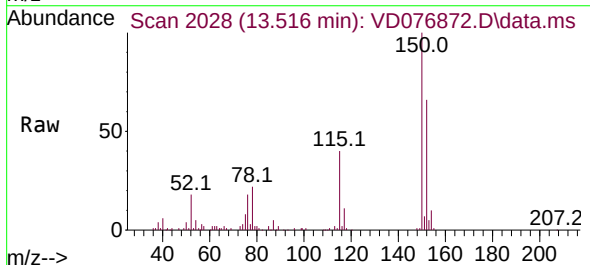
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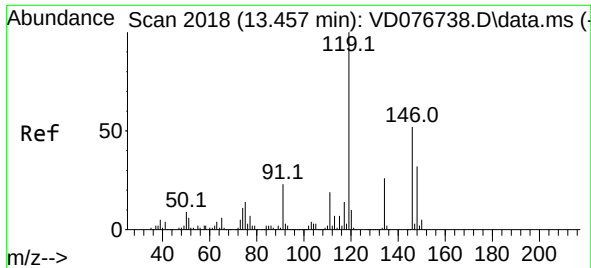
Tgt Ion: 91 Resp: 10737
Ion Ratio Lower Upper
91 100
106 38.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076872.D
Acq: 31 Jul 2023 14:06

Tgt Ion:152 Resp: 67621
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 154.3 0.0 353.6





#86
 p-Isopropyltoluene
 Concen: 20.315 ug/l
 RT: 13.463 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076872.D
 Acq: 31 Jul 2023 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20430RE

Tgt Ion:119 Resp: 89534
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 21.3 10.5 31.5

