

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009515.D
 Acq On : 11 Jul 2022 17:04
 Operator : KP/MD
 Sample : N3622-10
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220503-FIELD-DUP-COMPOSITE

Quant Time: Jul 12 05:04:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

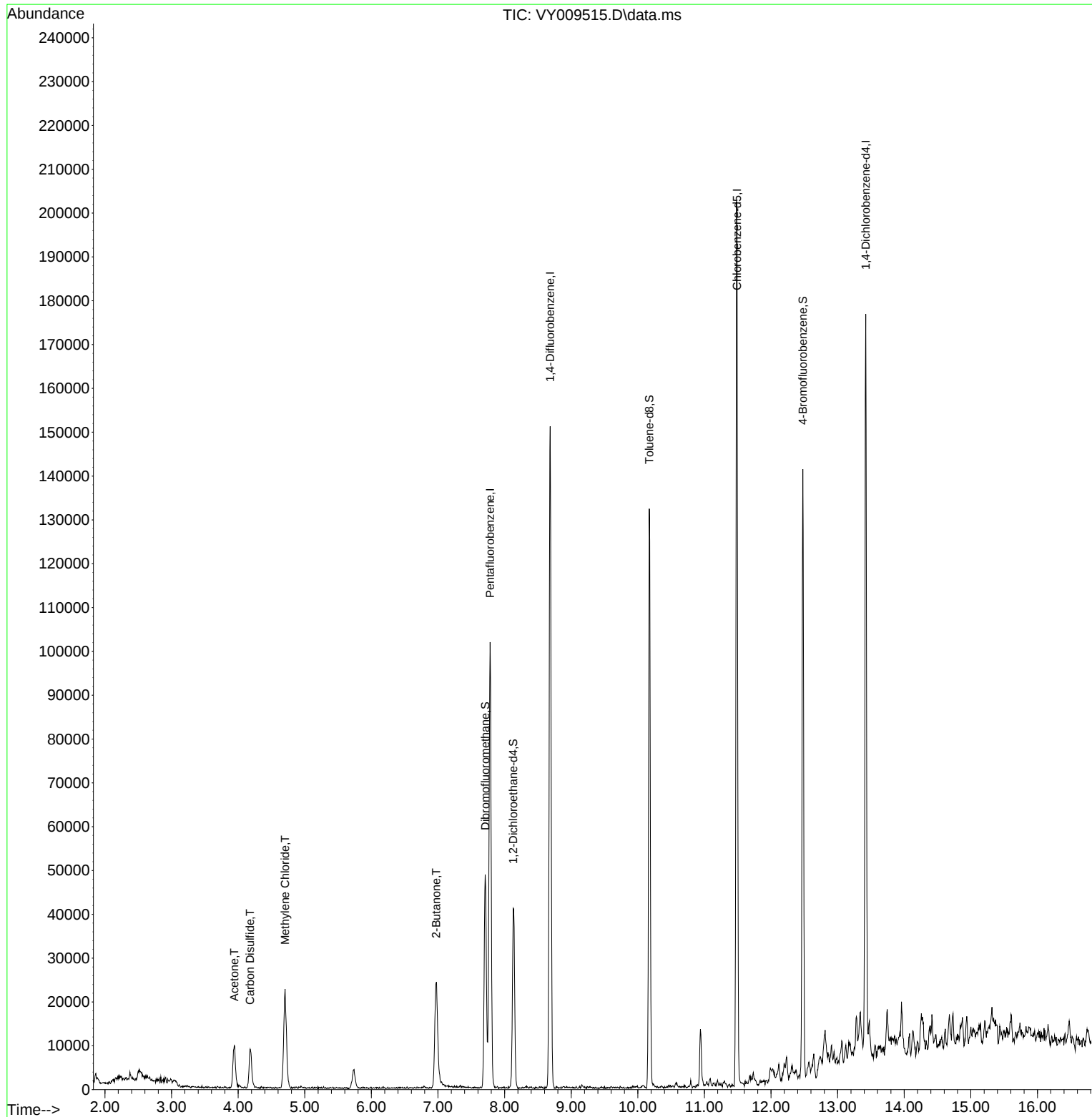
Internal Standards						
1) Pentafluorobenzene	7.783	168	80216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	129451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	31781	57.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.340%
35) Dibromofluoromethane	7.709	113	33273	48.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.172	98	83792	43.873	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	87.740%
62) 4-Bromofluorobenzene	12.477	95	39428	41.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	82.020%
Target Compounds						
16) Acetone	3.942	43	16782	86.001	ug/l	96
17) Carbon Disulfide	4.180	76	16684	11.396	ug/l #	94
20) Methylene Chloride	4.704	84	14909	12.601	ug/l #	83
25) 2-Butanone	6.972	43	5616	17.791	ug/l	91

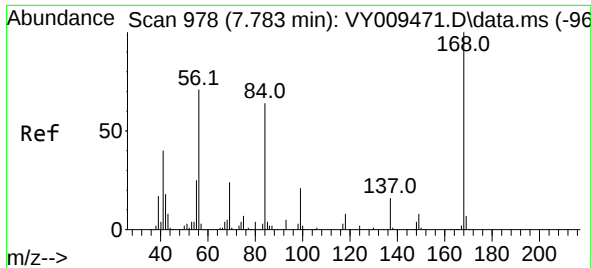
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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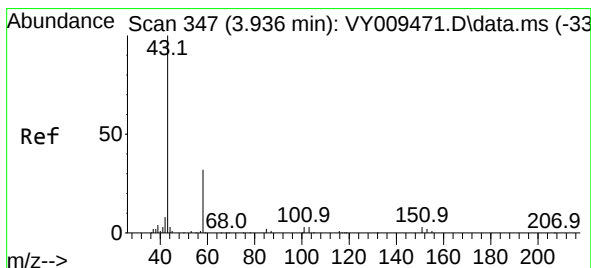
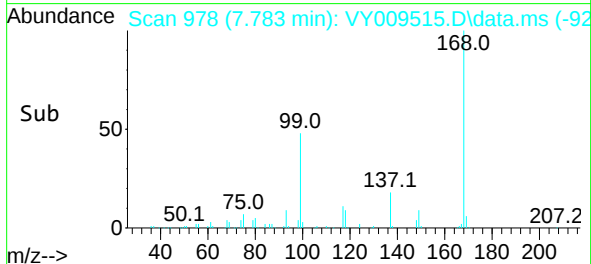
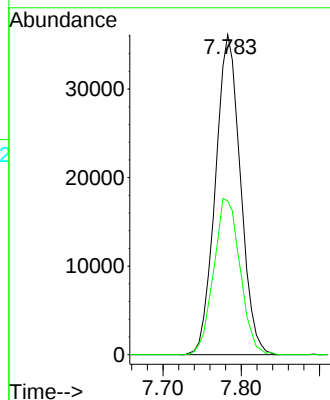
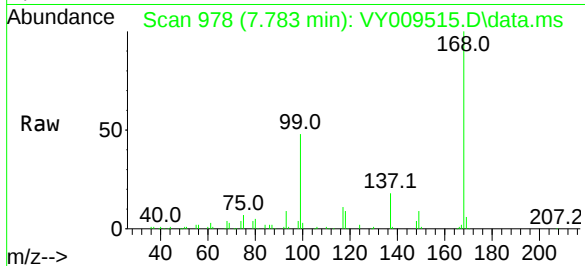




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

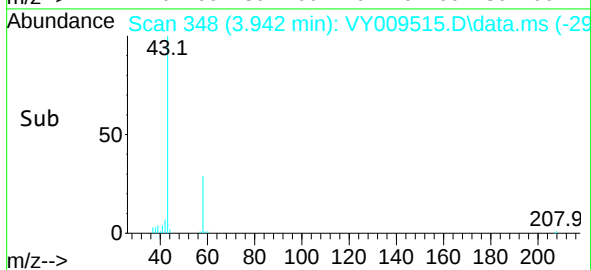
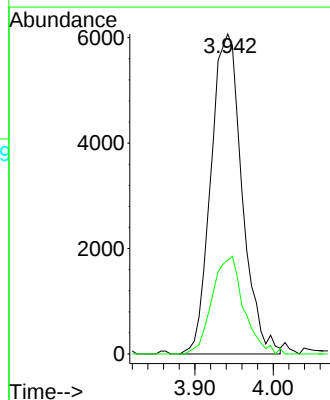
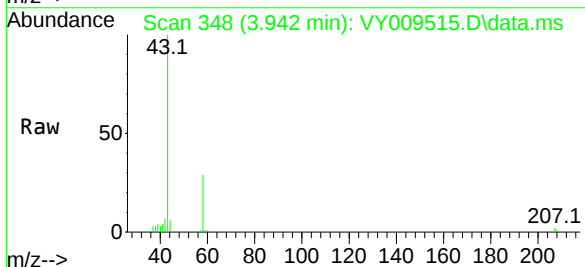
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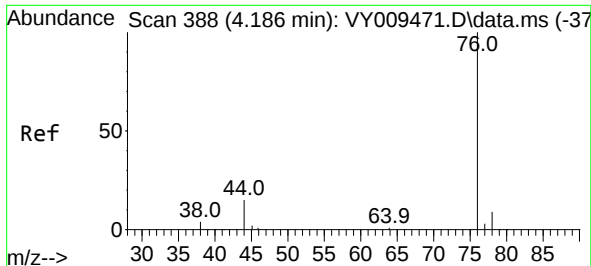
Tgt Ion:168 Resp: 80216
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#16
Acetone
Concen: 86.001 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Tgt Ion: 43 Resp: 16782
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0

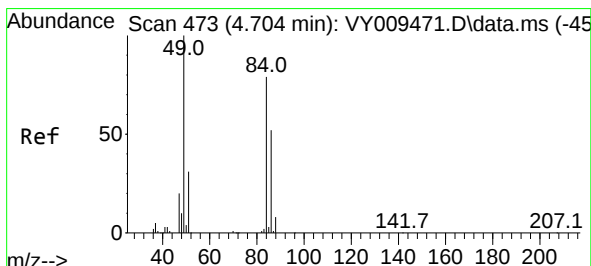
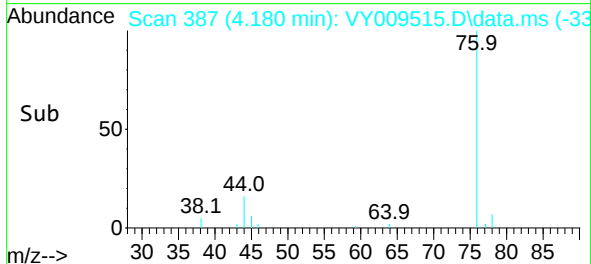
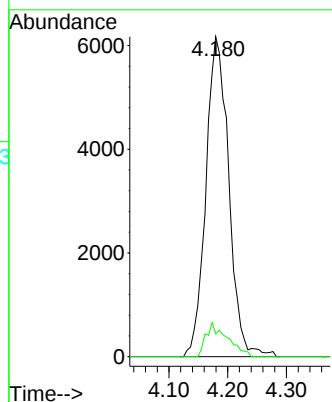
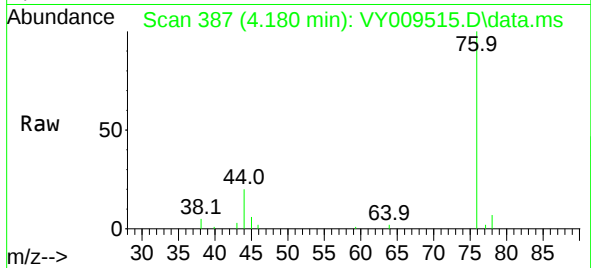




#17
Carbon Disulfide
Concen: 11.396 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

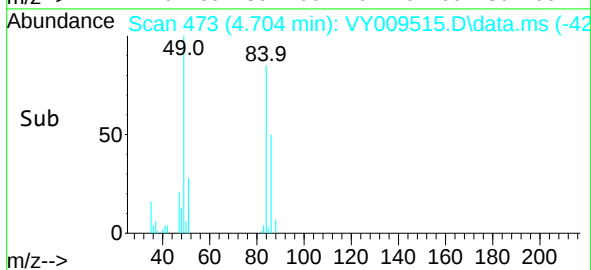
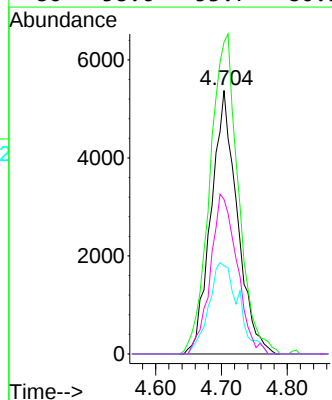
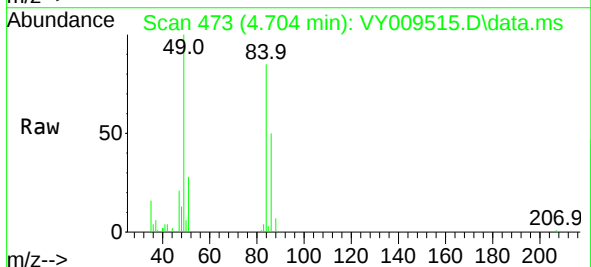
Instrument :
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ClientSampleId :
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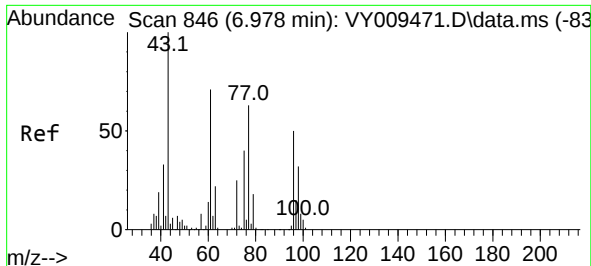
Tgt Ion: 76 Resp: 16684
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0#



#20
Methylene Chloride
Concen: 12.601 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Tgt Ion: 84 Resp: 14909
Ion Ratio Lower Upper
84 100
49 118.3 114.4 171.6
51 33.5 35.3 52.9#
86 58.6 53.7 80.5

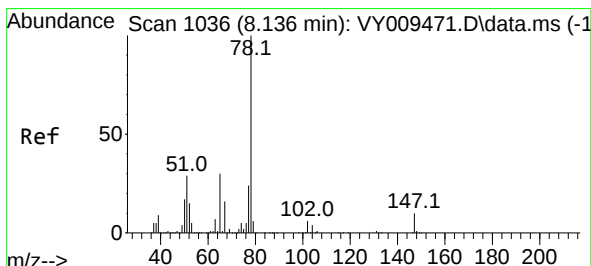
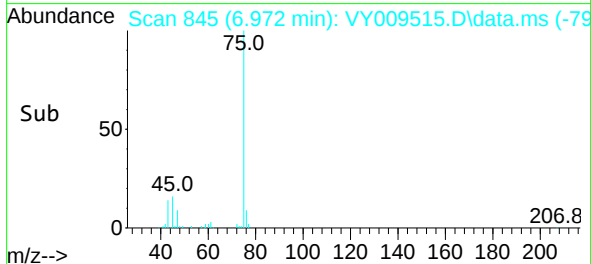
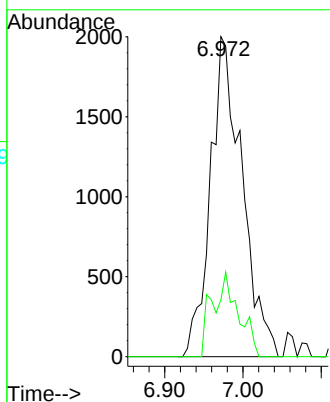
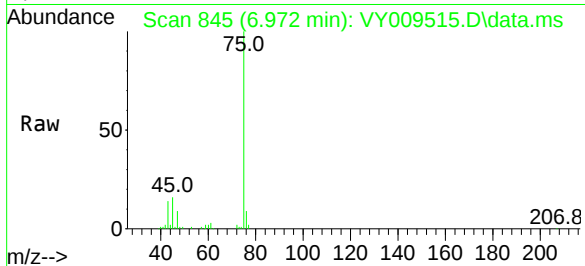




#25
2-Butanone
Concen: 17.791 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

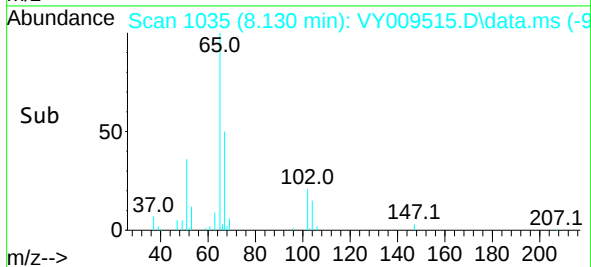
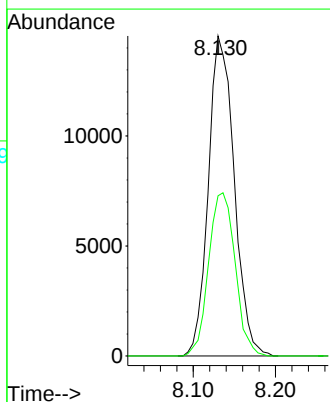
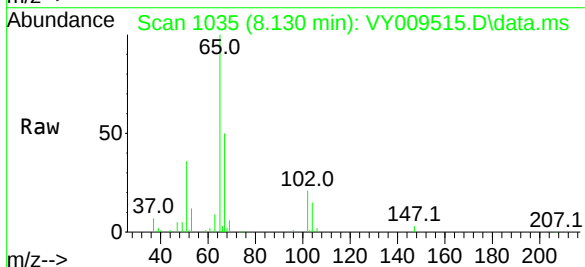
Instrument :
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ClientSampleId :
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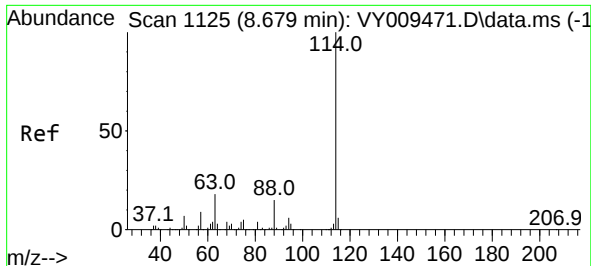
Tgt Ion: 43 Resp: 5616
Ion Ratio Lower Upper
43 100
72 17.8 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 57.174 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Tgt Ion: 65 Resp: 31781
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4

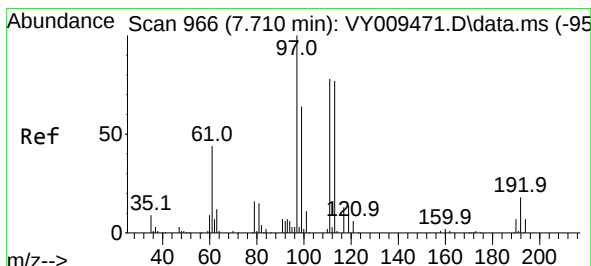
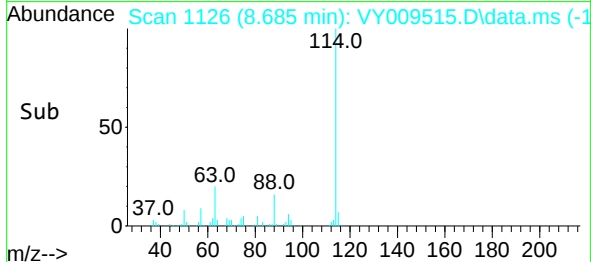
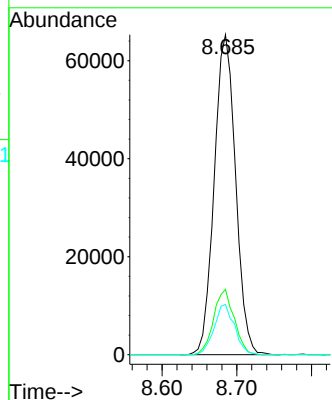
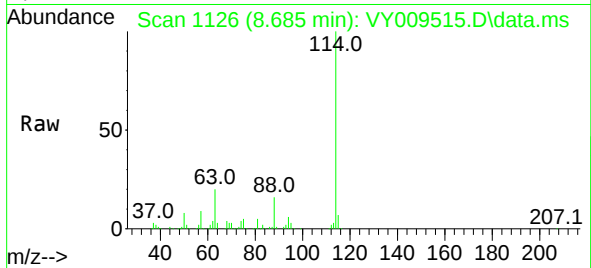




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

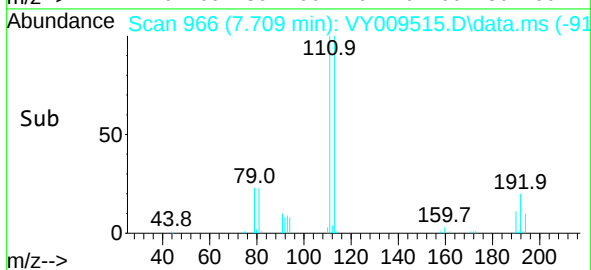
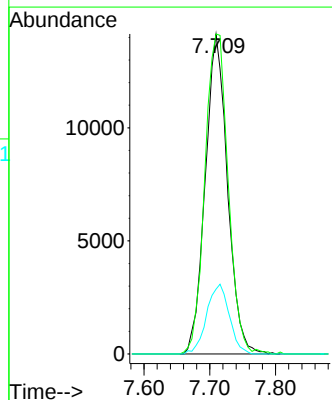
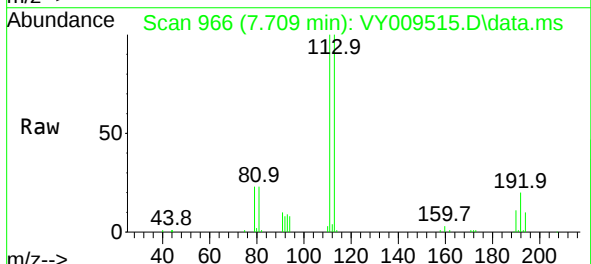
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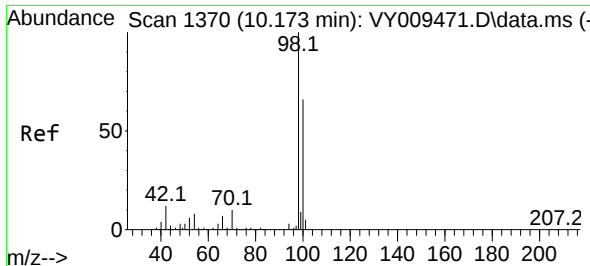
Tgt Ion:114 Resp: 129451
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.850 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Tgt Ion:113 Resp: 33273
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 22.2 17.6 26.4

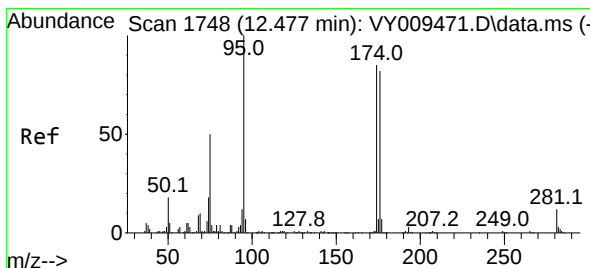
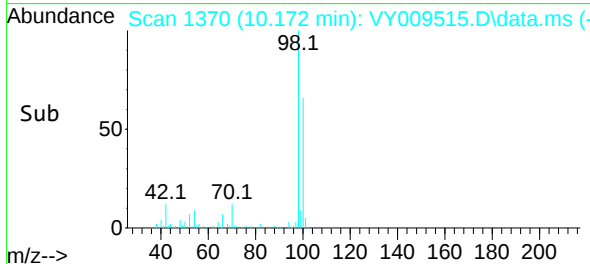
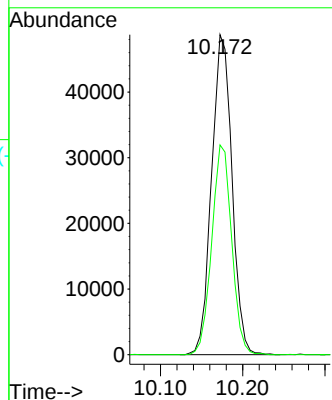
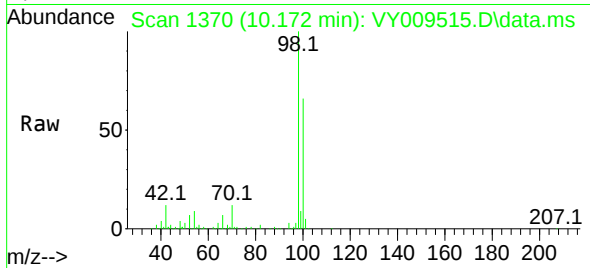




#50
Toluene-d8
Concen: 43.873 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

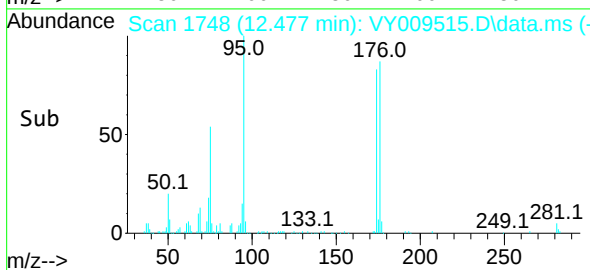
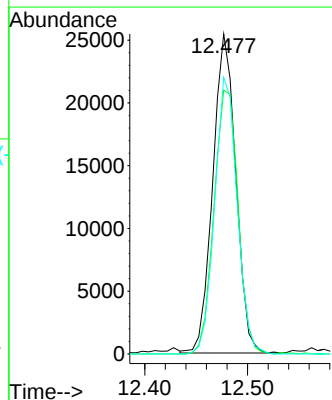
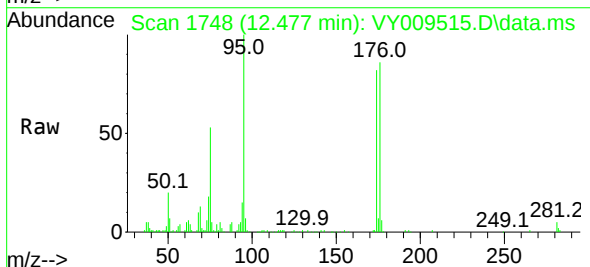
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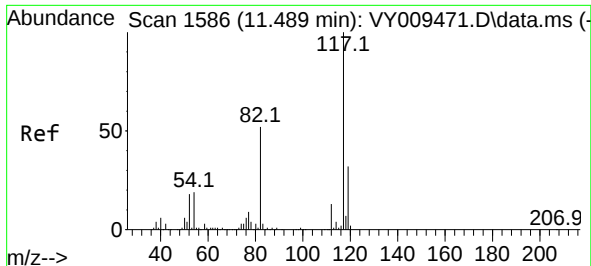
Tgt Ion: 98 Resp: 83792
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.008 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Tgt Ion: 95 Resp: 39428
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 84.7 0.0 175.8

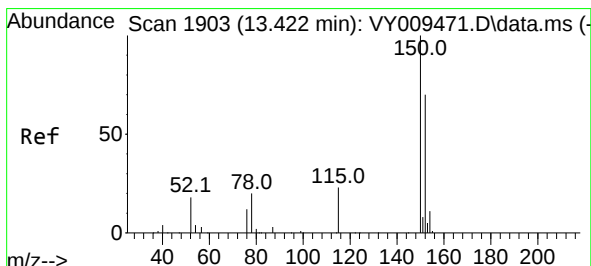
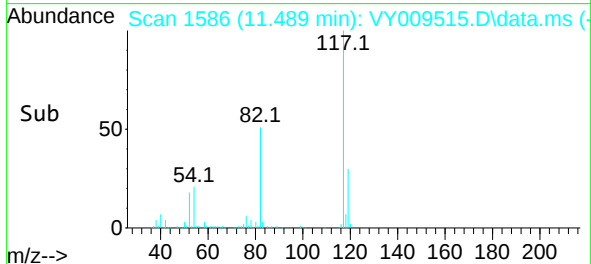
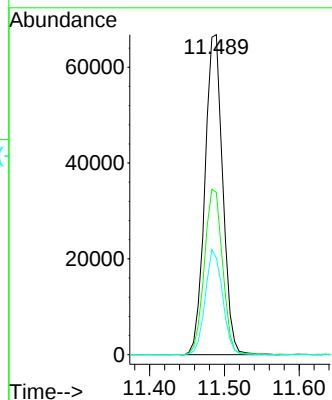
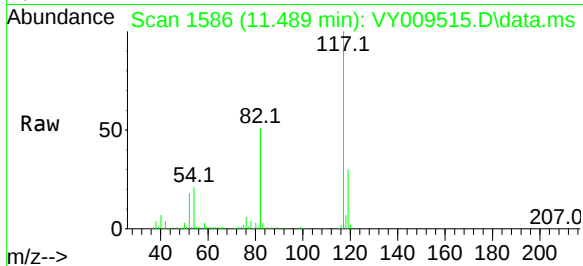




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Instrument :
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Tgt Ion:117 Resp: 110599
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 30.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009515.D
Acq: 11 Jul 2022 17:04

Tgt Ion:152 Resp: 44328
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 156.3 0.0 347.6

