

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015831.D
 Acq On : 04 Oct 2023 16:36
 Operator : SY/MD
 Sample : 04685-12
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B13-13-15

Quant Time: Oct 05 06:56:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

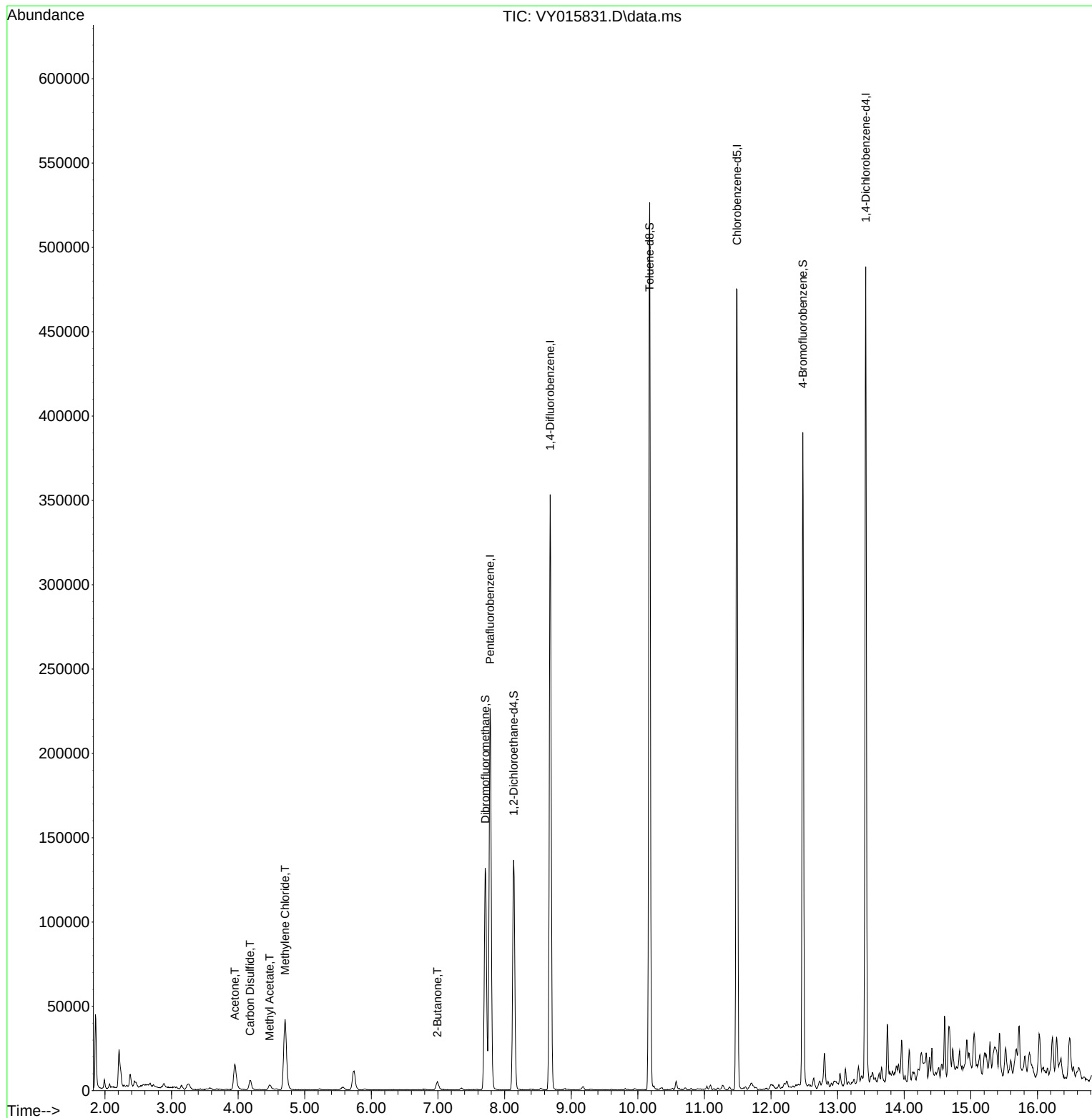
Internal Standards						
1) Pentafluorobenzene	7.783	168	177055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	299867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106347	54.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.180%	
35) Dibromofluoromethane	7.710	113	92553	51.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.140%	
50) Toluene-d8	10.179	98	348614	57.286	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.580%	
62) 4-Bromofluorobenzene	12.477	95	116441	48.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	29161	27.971	ug/l #	85
17) Carbon Disulfide	4.180	76	12170	4.022	ug/l	98
18) Methyl Acetate	4.472	43	6079	1.738	ug/l	97
20) Methylene Chloride	4.704	84	31074	9.710	ug/l	93
25) 2-Butanone	6.990	43	8768	5.950	ug/l	98

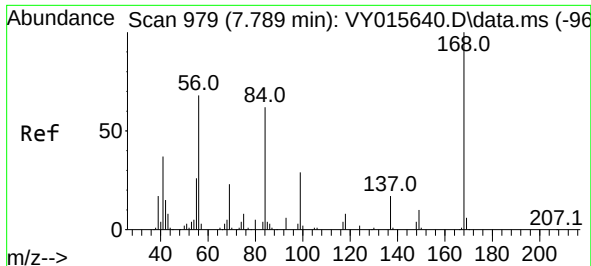
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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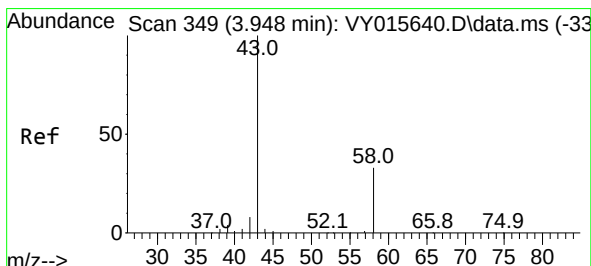
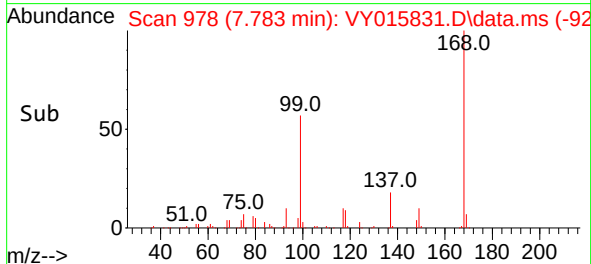
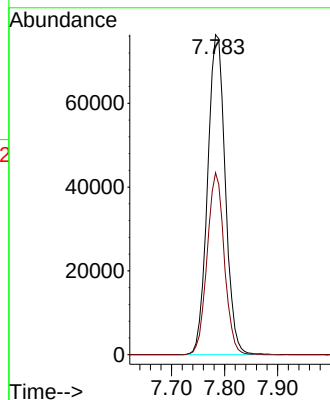
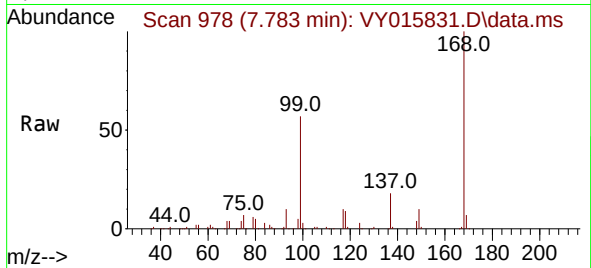




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

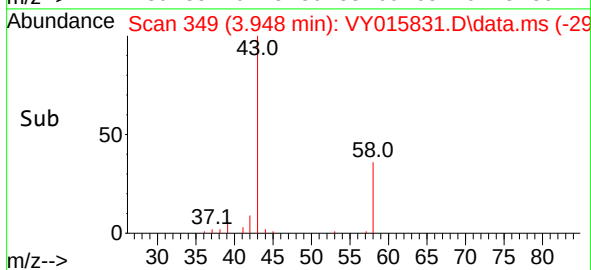
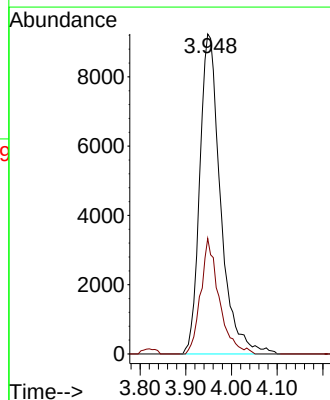
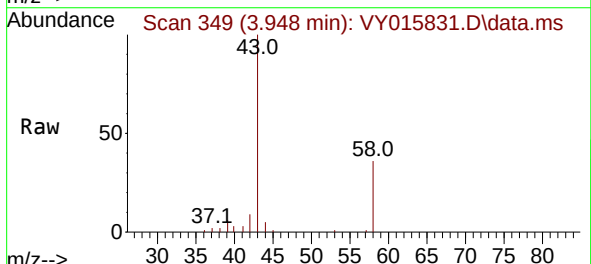
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B13-13-15

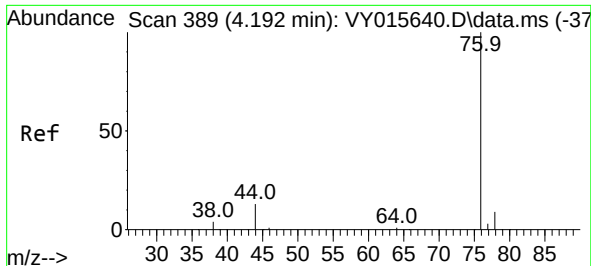
Tgt Ion:168 Resp: 177055
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#16
Acetone
Concen: 27.971 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

Tgt Ion: 43 Resp: 29161
Ion Ratio Lower Upper
43 100
58 36.1 22.7 34.1#

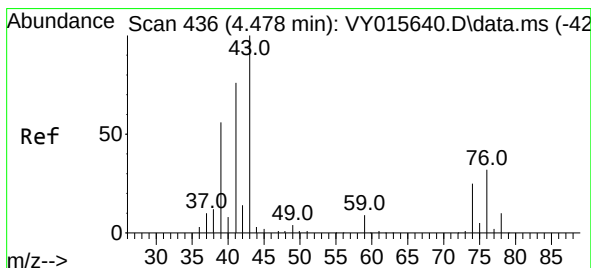
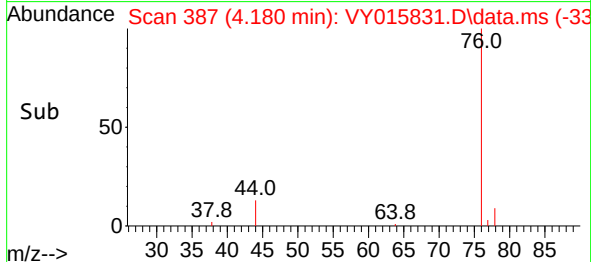
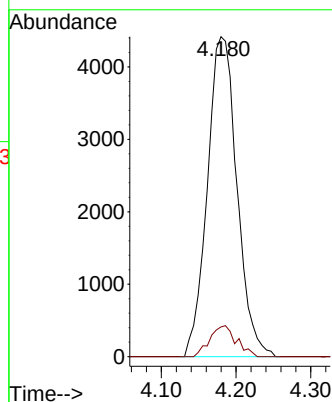
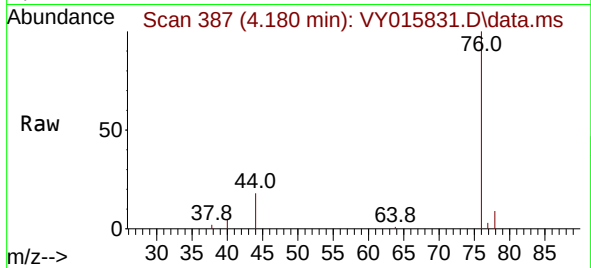




#17
Carbon Disulfide
Concen: 4.022 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

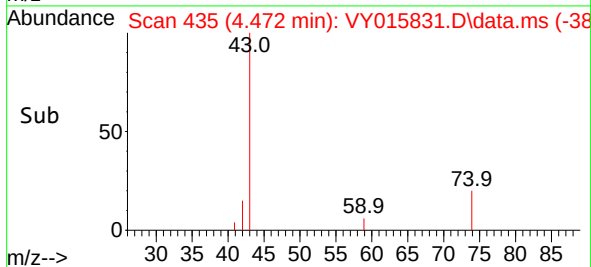
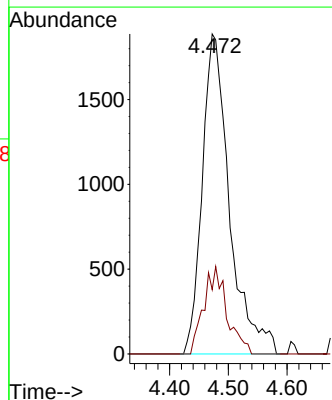
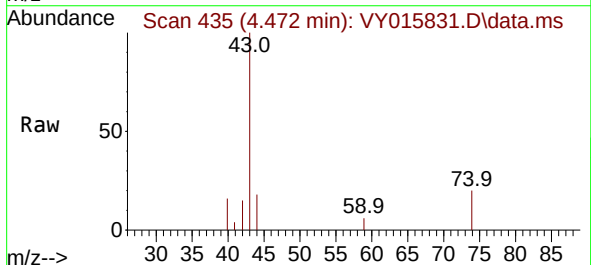
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B13-13-15

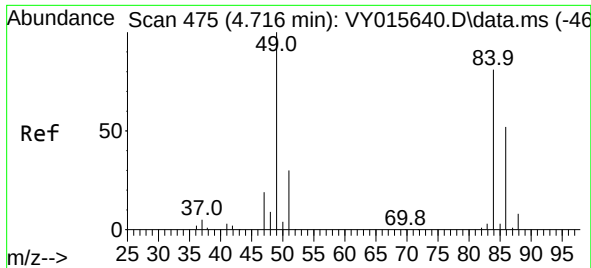
Tgt Ion: 76 Resp: 12170
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 1.738 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

Tgt Ion: 43 Resp: 6079
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0

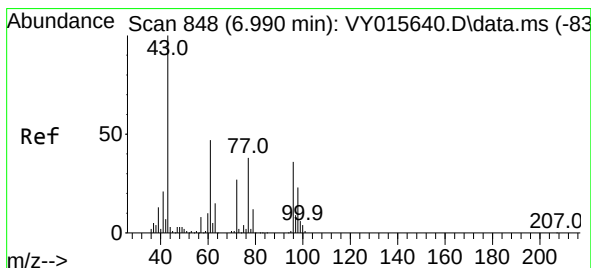
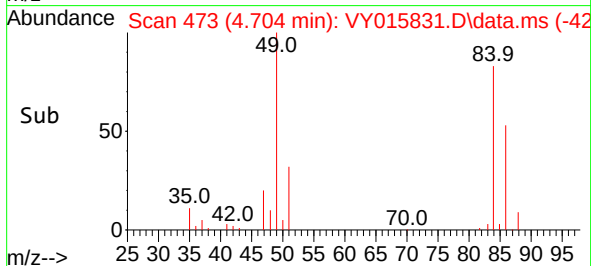
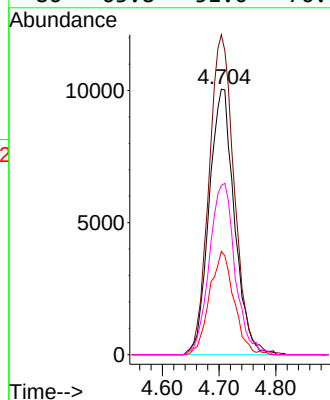
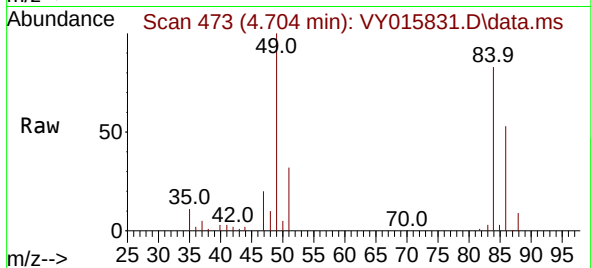




#20
Methylene Chloride
Concen: 9.710 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

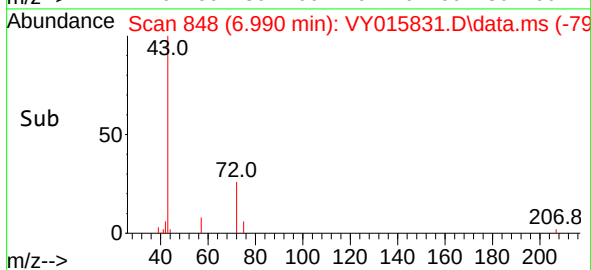
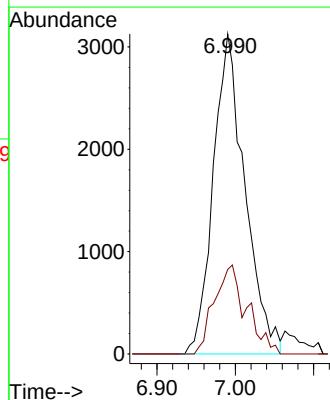
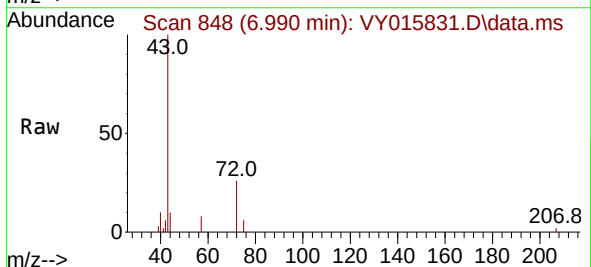
Instrument :
MSVOA_Y
ClientSampleId :
PP-20230928-B13-13-15

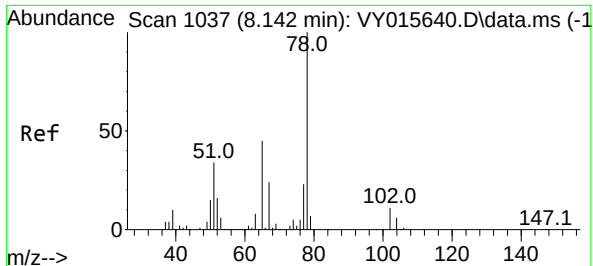
Tgt Ion:	84	Resp:	31074
Ion	Ratio	Lower	Upper
84	100		
49	120.5	106.9	160.3
51	39.0	33.2	49.8
86	63.8	51.0	76.6



#25
2-Butanone
Concen: 5.950 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

Tgt Ion:	43	Resp:	8768
Ion	Ratio	Lower	Upper
43	100		
72	26.4	20.5	30.7





#33

1,2-Dichloroethane-d4

Concen: 54.590 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY015831.D

Acq: 04 Oct 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

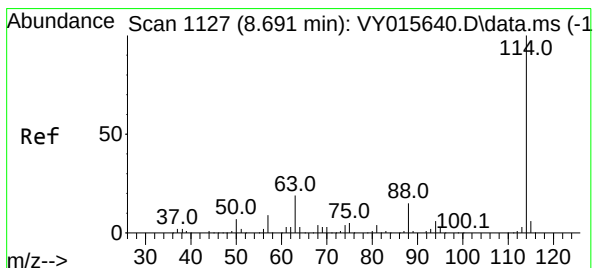
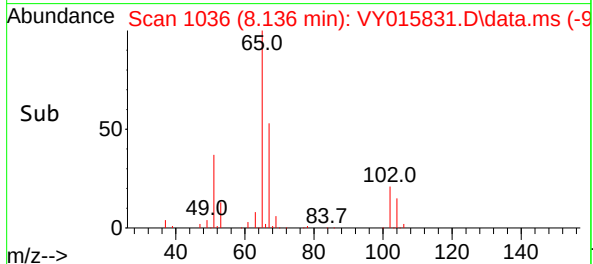
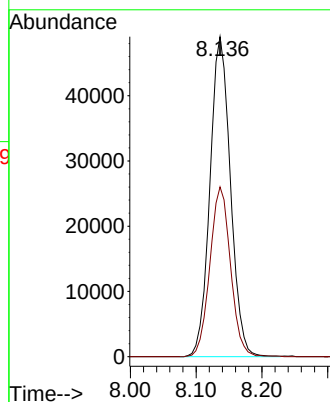
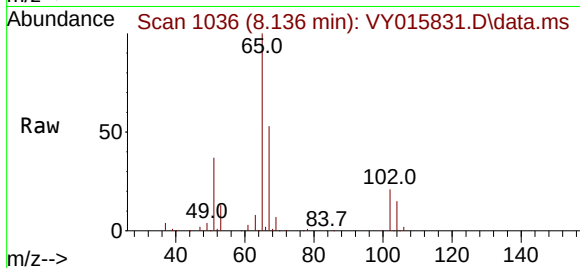
PP-20230928-B13-13-15

Tgt Ion: 65 Resp: 106347

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015831.D

Acq: 04 Oct 2023 16:36

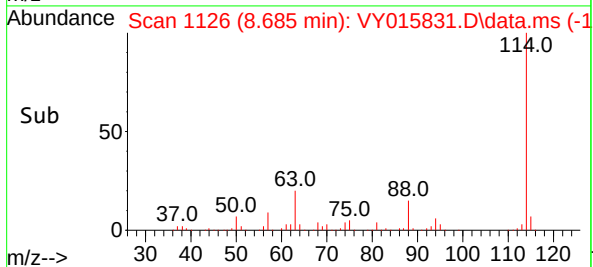
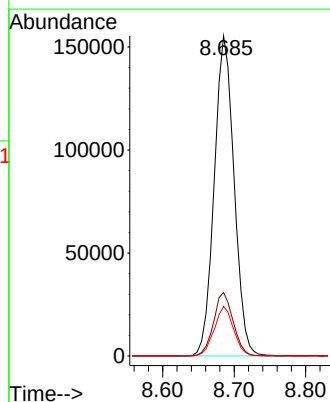
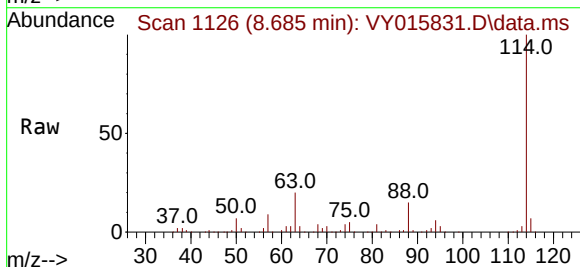
Tgt Ion: 114 Resp: 299867

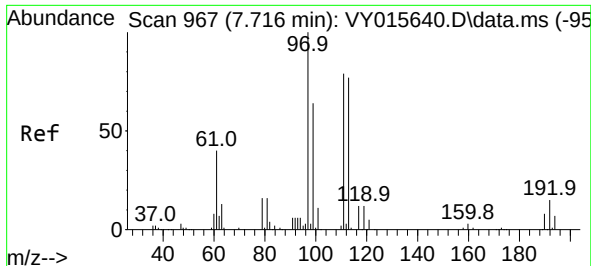
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.4 0.0 30.6

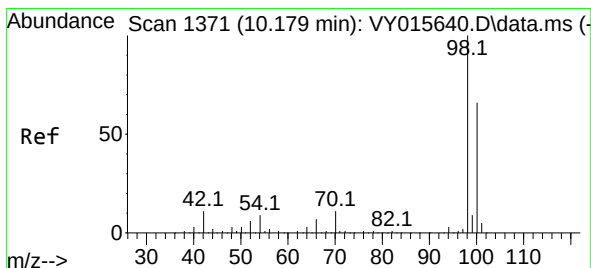
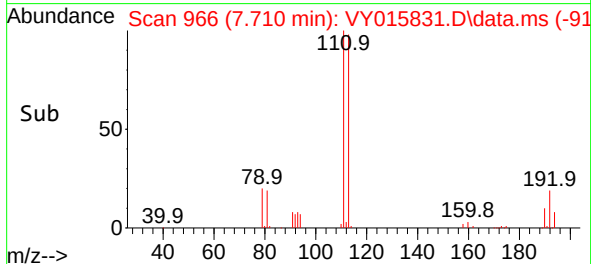
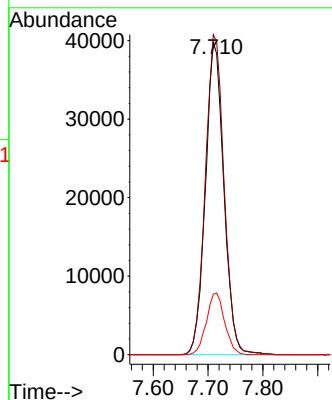
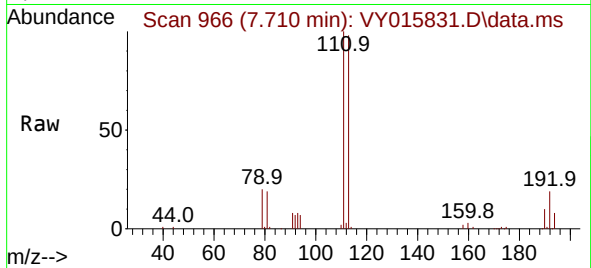




#35
Dibromofluoromethane
Concen: 51.567 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

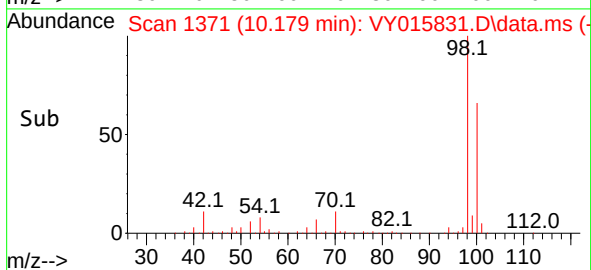
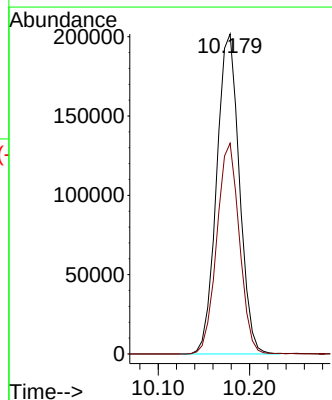
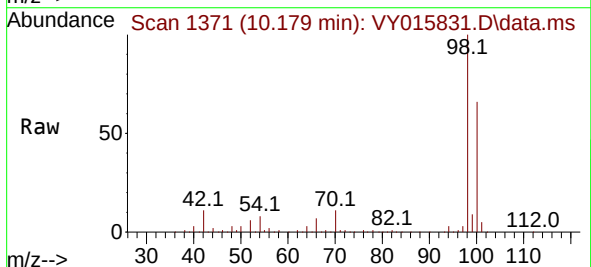
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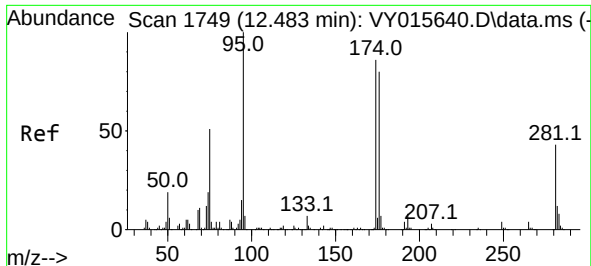
Tgt Ion:113 Resp: 92553
Ion Ratio Lower Upper
113 100
111 104.5 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 57.286 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

Tgt Ion: 98 Resp: 348614
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

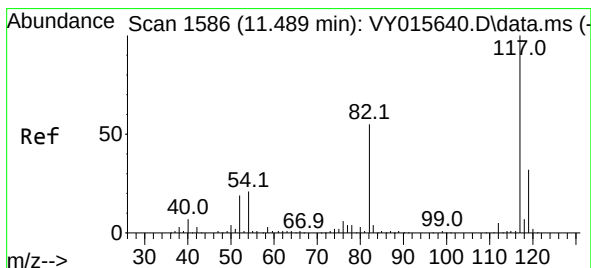
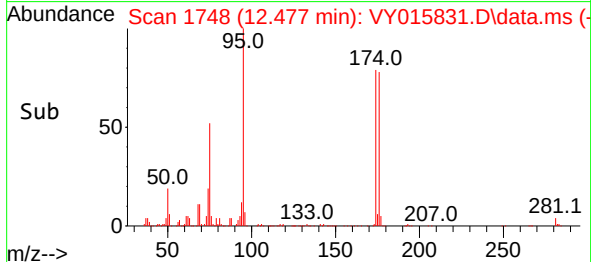
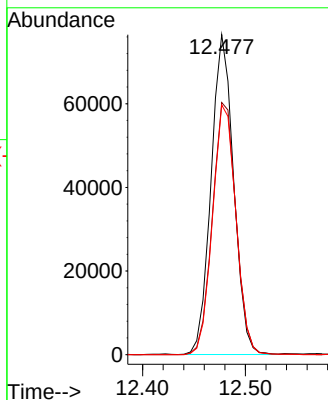
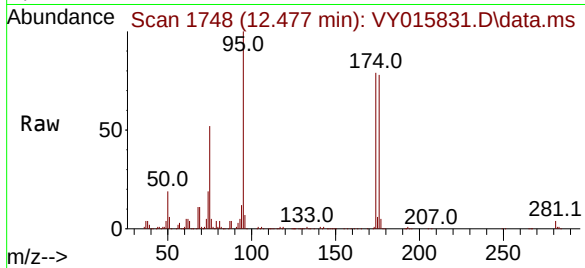




#62
4-Bromofluorobenzene
Concen: 48.757 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

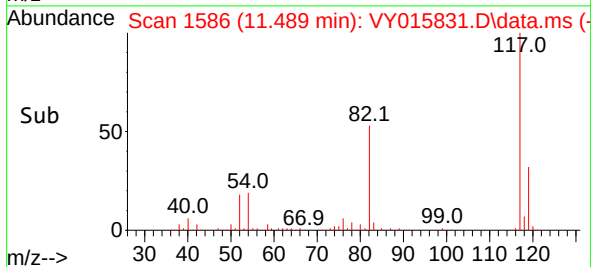
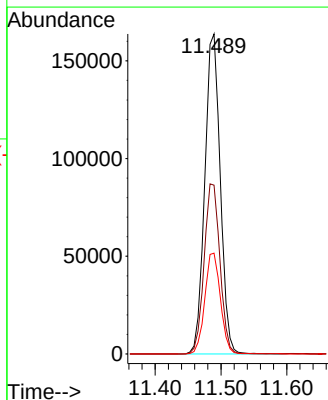
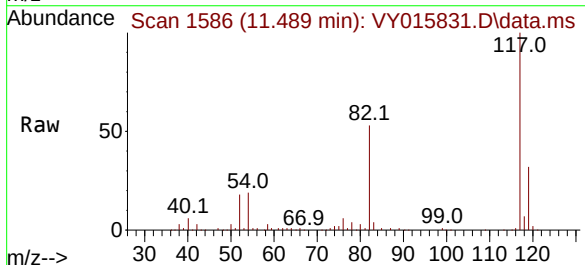
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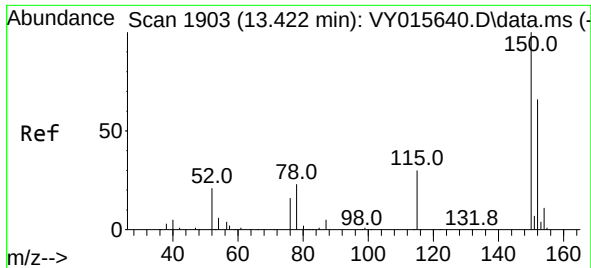
Tgt Ion: 95 Resp: 116441
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 81.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015831.D
Acq: 04 Oct 2023 16:36

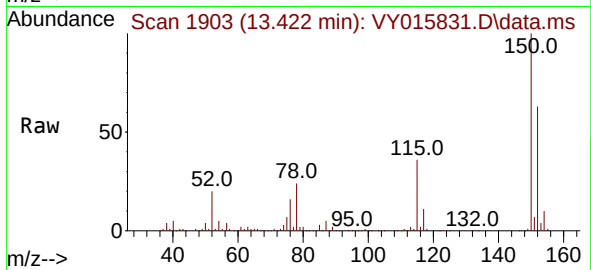
Tgt Ion: 117 Resp: 268180
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015831.D
 Acq: 04 Oct 2023 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 PP-20230928-B13-13-15



Tgt Ion:152 Resp: 121508
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 159.0 0.0 348.8

