

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015829.D
 Acq On : 04 Oct 2023 15:49
 Operator : SY/MD
 Sample : 04714-10
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Oct 05 06:55:27 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)

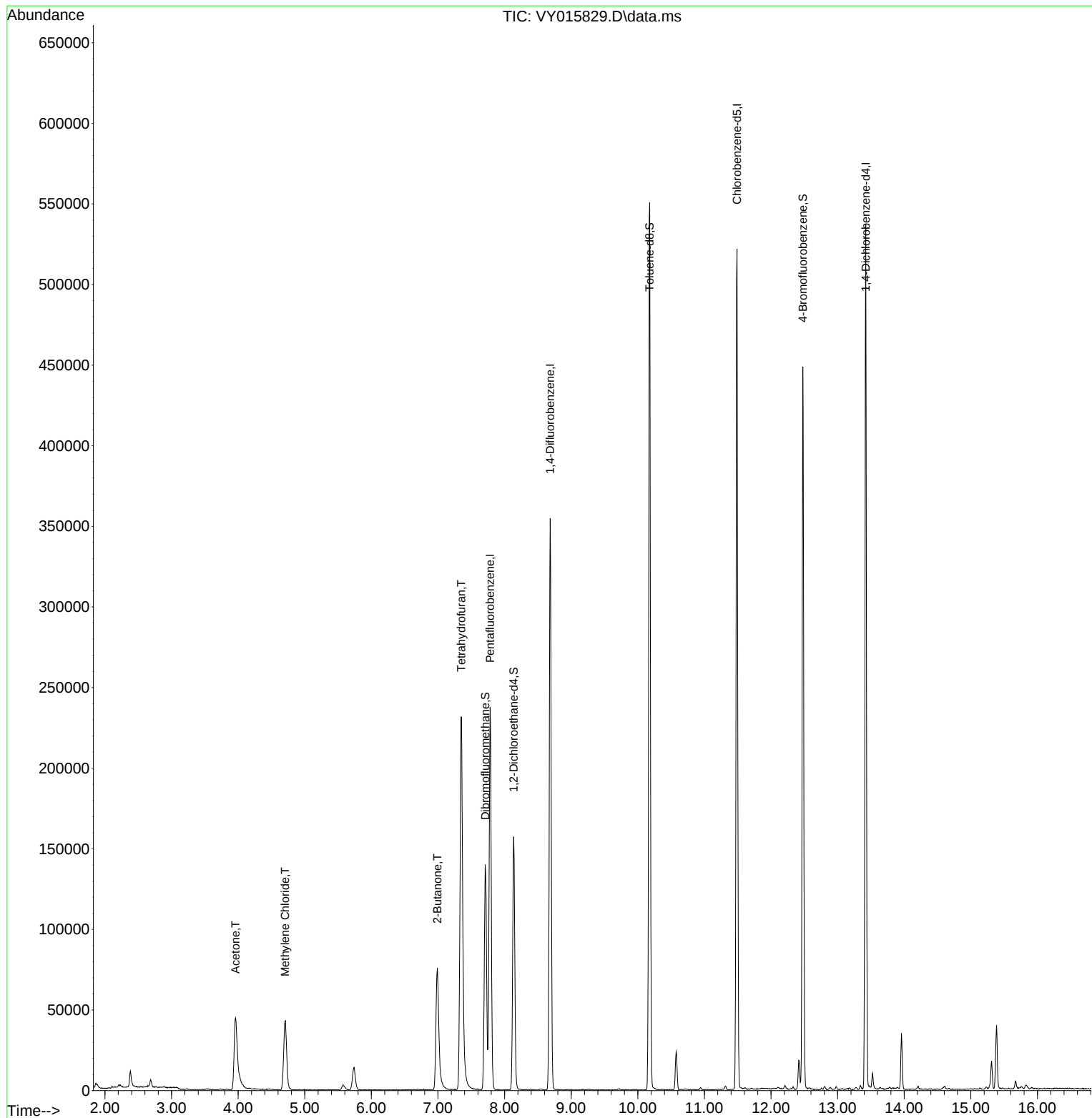
Internal Standards						
1) Pentafluorobenzene	7.783	168	180524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122059	61.451	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.900%		
35) Dibromofluoromethane	7.710	113	100138	54.318	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.640%		
50) Toluene-d8	10.179	98	362371	57.972	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 115.940%		
62) 4-Bromofluorobenzene	12.477	95	127724	52.068	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 104.140%		
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	111961	105.329	ug/l	92
20) Methylene Chloride	4.704	84	33683	10.661	ug/l	89
25) 2-Butanone	6.990	43	149685	99.627	ug/l	98
29) Tetrahydrofuran	7.350	42	207407	244.237	ug/l	92

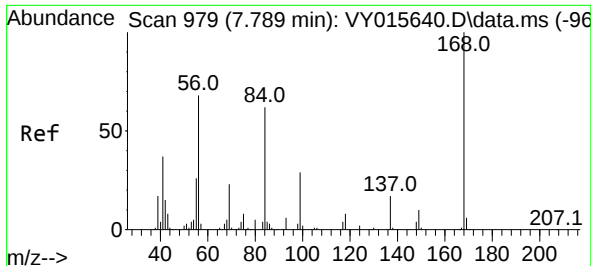
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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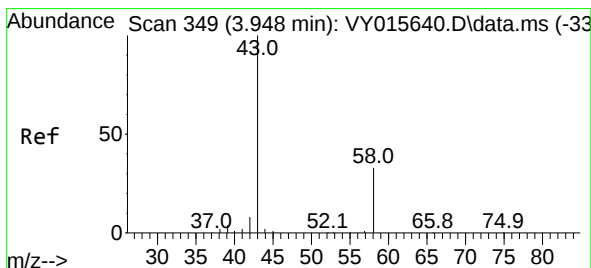
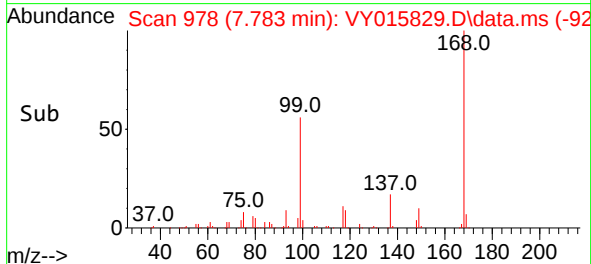
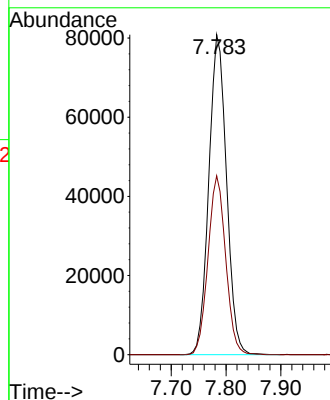
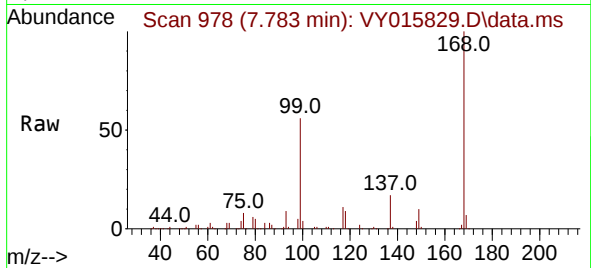




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015829.D
Acq: 04 Oct 2023 15:49

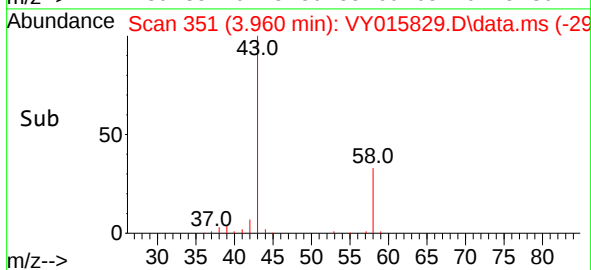
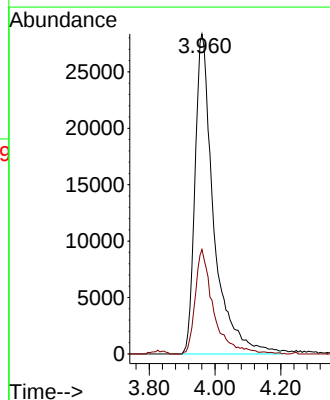
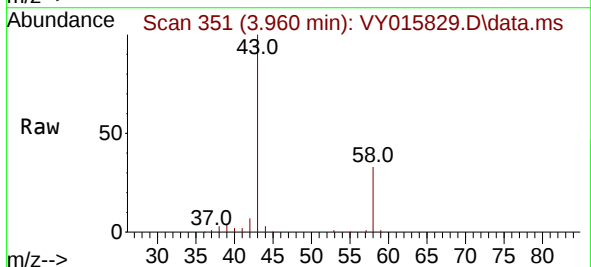
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

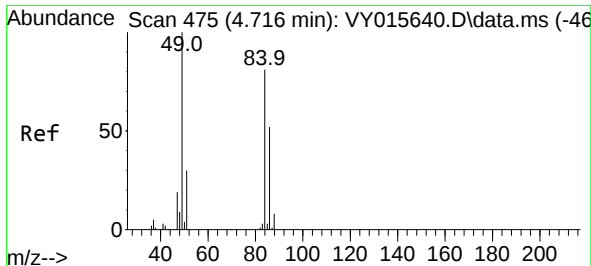
Tgt Ion:168 Resp: 180524
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#16
Acetone
Concen: 105.329 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015829.D
Acq: 04 Oct 2023 15:49

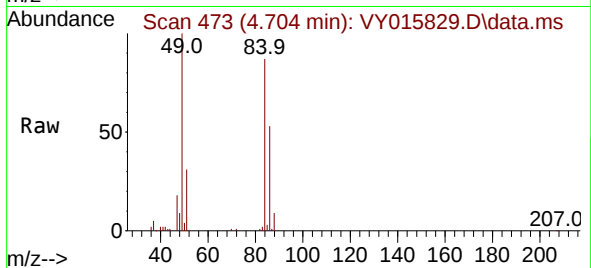
Tgt Ion: 43 Resp: 111961
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1



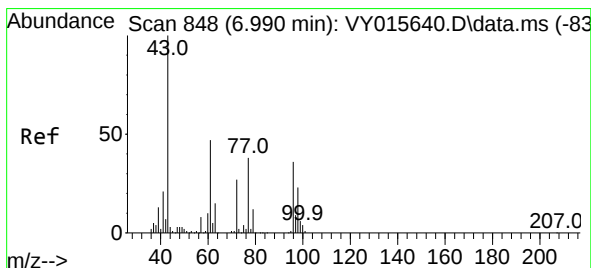
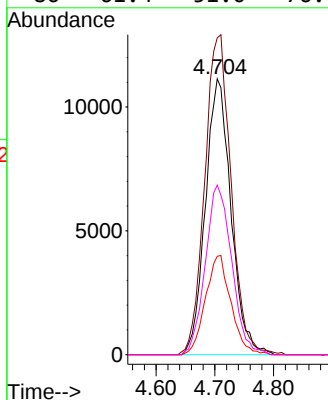
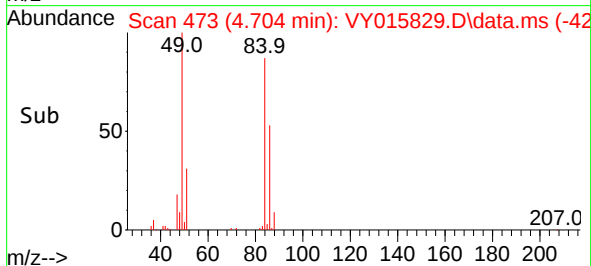


#20
Methylene Chloride
Concen: 10.661 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015829.D
Acq: 04 Oct 2023 15:49

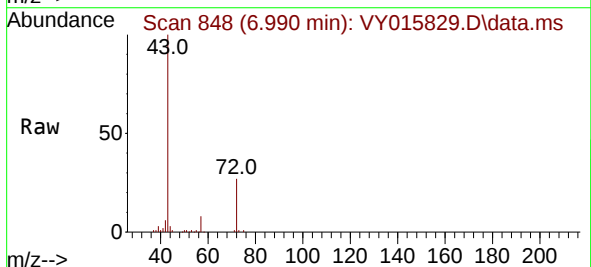
Instrument :
MSVOA_Y
ClientSampleId :
TP-4



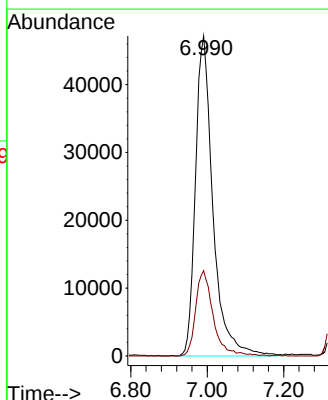
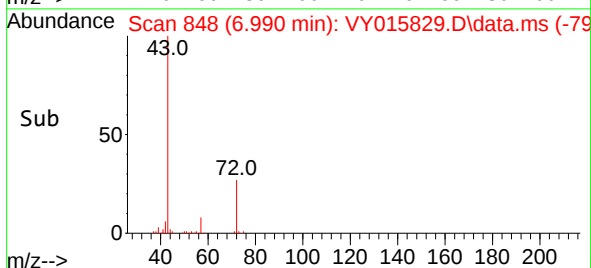
Tgt Ion:	84	Resp:	33683
Ion	Ratio	Lower	Upper
84	100		
49	114.9	106.9	160.3
51	35.7	33.2	49.8
86	61.4	51.0	76.6

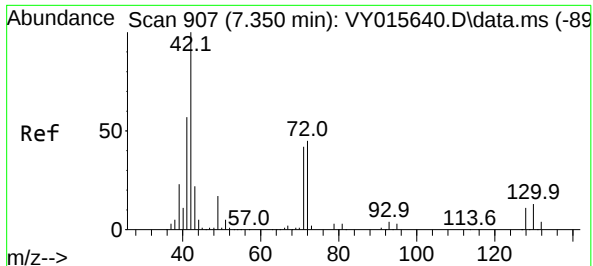


#25
2-Butanone
Concen: 99.627 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015829.D
Acq: 04 Oct 2023 15:49



Tgt Ion:	43	Resp:	149685
Ion	Ratio	Lower	Upper
43	100		
72	26.6	20.5	30.7





#29

Tetrahydrofuran

Concen: 244.237 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY015829.D

Acq: 04 Oct 2023 15:49

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

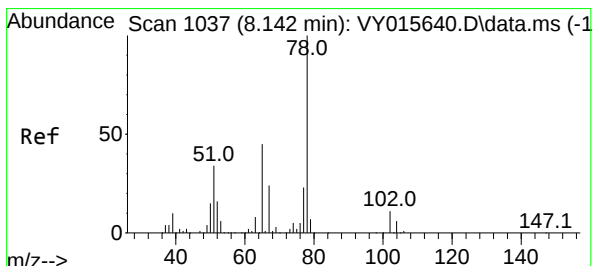
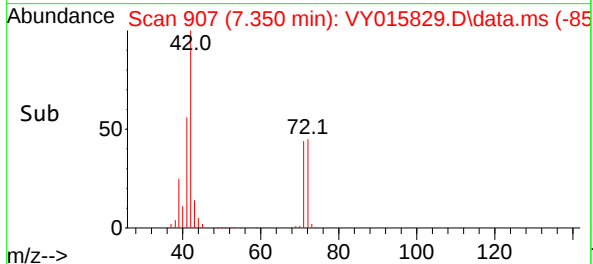
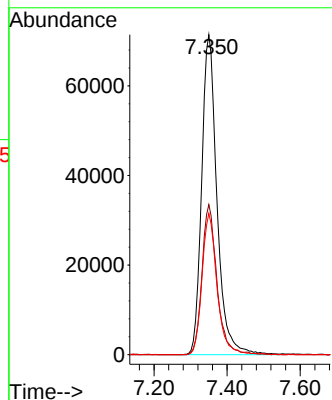
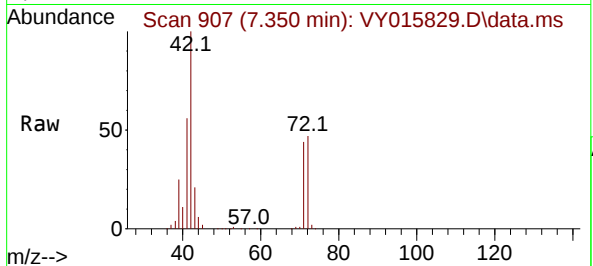
Tgt Ion: 42 Resp: 207407

Ion Ratio Lower Upper

42 100

72 46.0 32.8 49.2

71 43.1 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 61.451 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015829.D

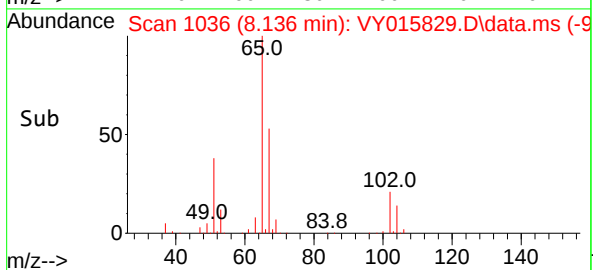
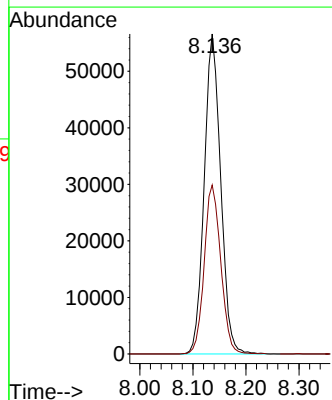
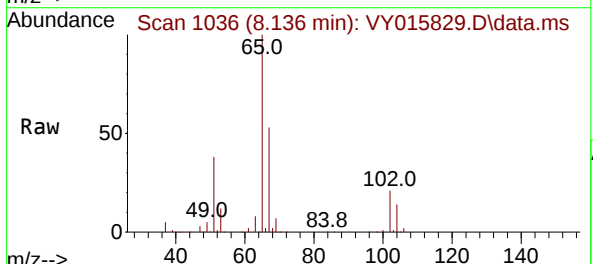
Acq: 04 Oct 2023 15:49

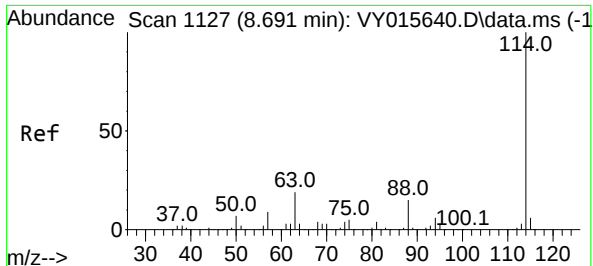
Tgt Ion: 65 Resp: 122059

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8

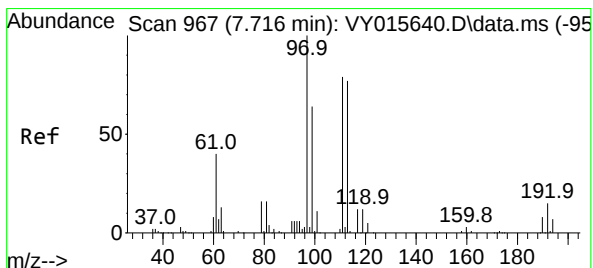
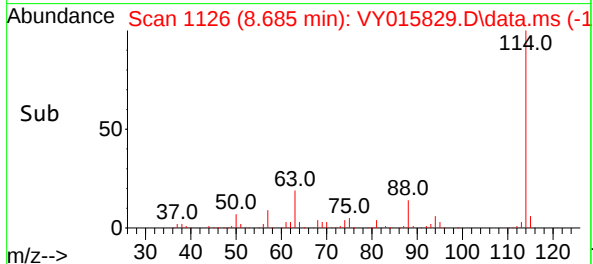
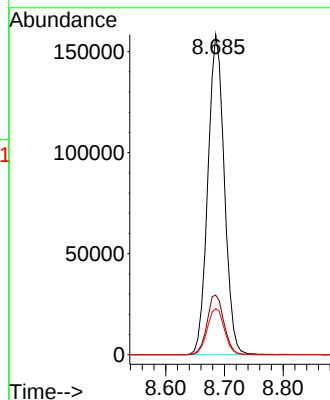
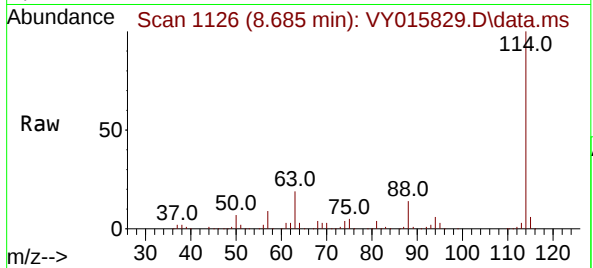




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015829.D
Acq: 04 Oct 2023 15:49

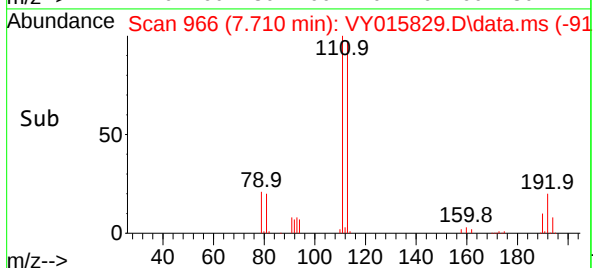
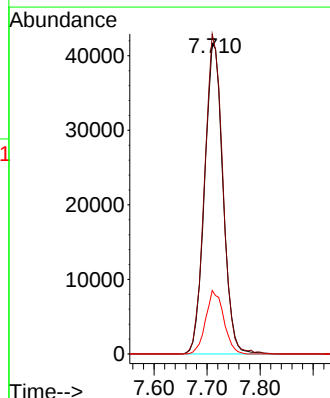
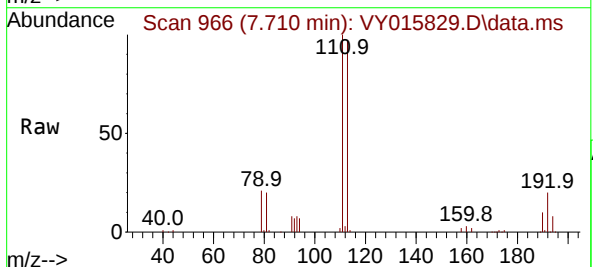
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

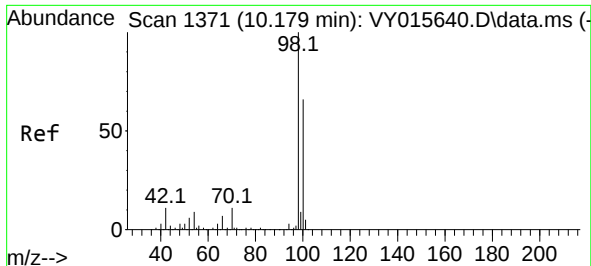
Tgt Ion:114 Resp: 308010
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.318 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015829.D
Acq: 04 Oct 2023 15:49

Tgt Ion:113 Resp: 100138
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.1 16.9 25.3

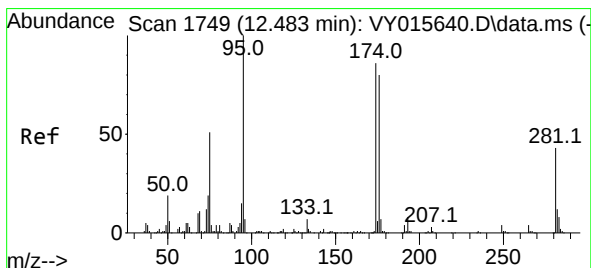
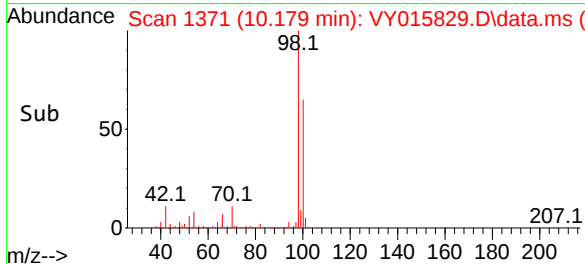
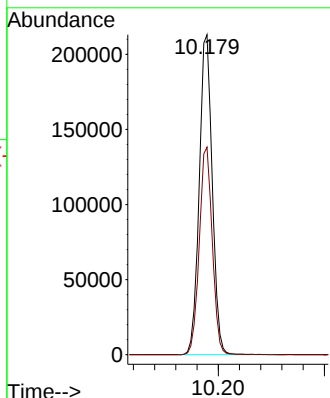
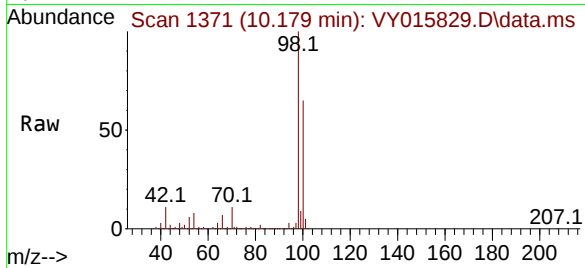




#50
Toluene-d8
Concen: 57.972 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015829.D
Acq: 04 Oct 2023 15:49

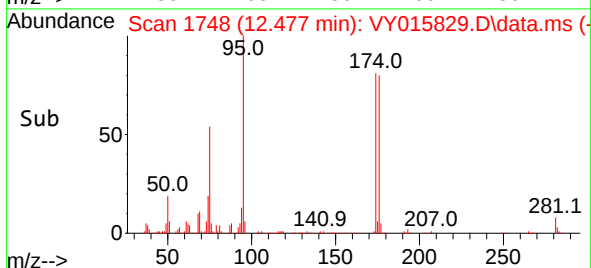
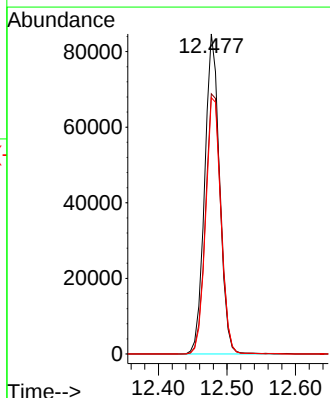
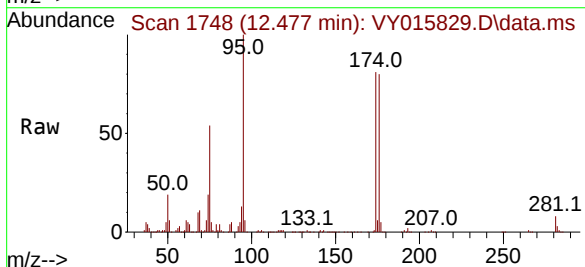
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

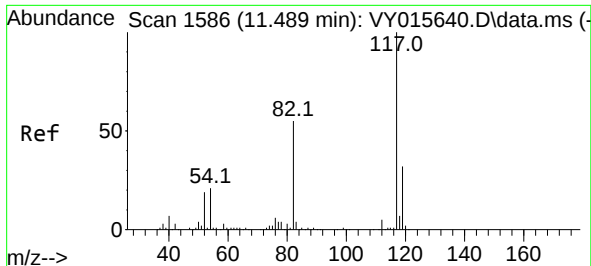
Tgt Ion: 98 Resp: 362371
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.068 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015829.D
Acq: 04 Oct 2023 15:49

Tgt Ion: 95 Resp: 127724
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.0 0.0 173.8

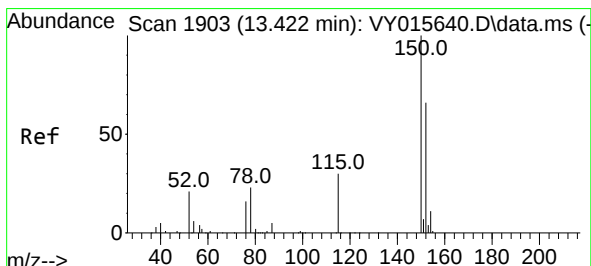
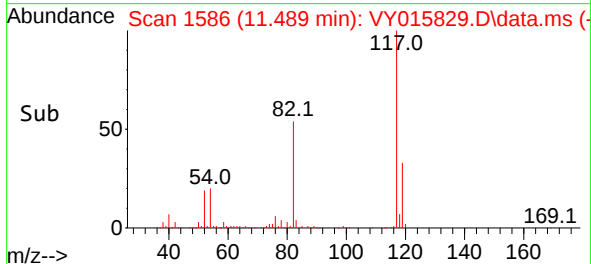
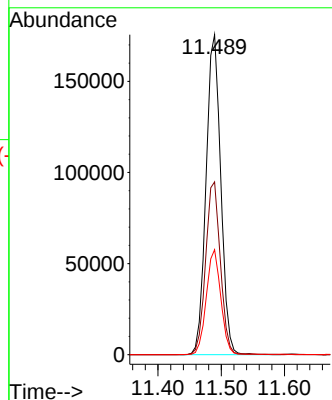
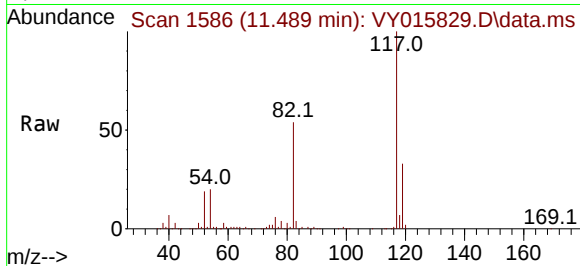




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY015829.D
Acq: 04 Oct 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 284393
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.8 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: VY015829.D
Acq: 04 Oct 2023 15:49

Tgt Ion:152 Resp: 134705
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 154.5 0.0 348.8

