

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017783.D
 Acq On : 27 Mar 2024 15:59
 Operator : SY/MD
 Sample : P1877-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1291

Quant Time: Mar 28 02:18:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

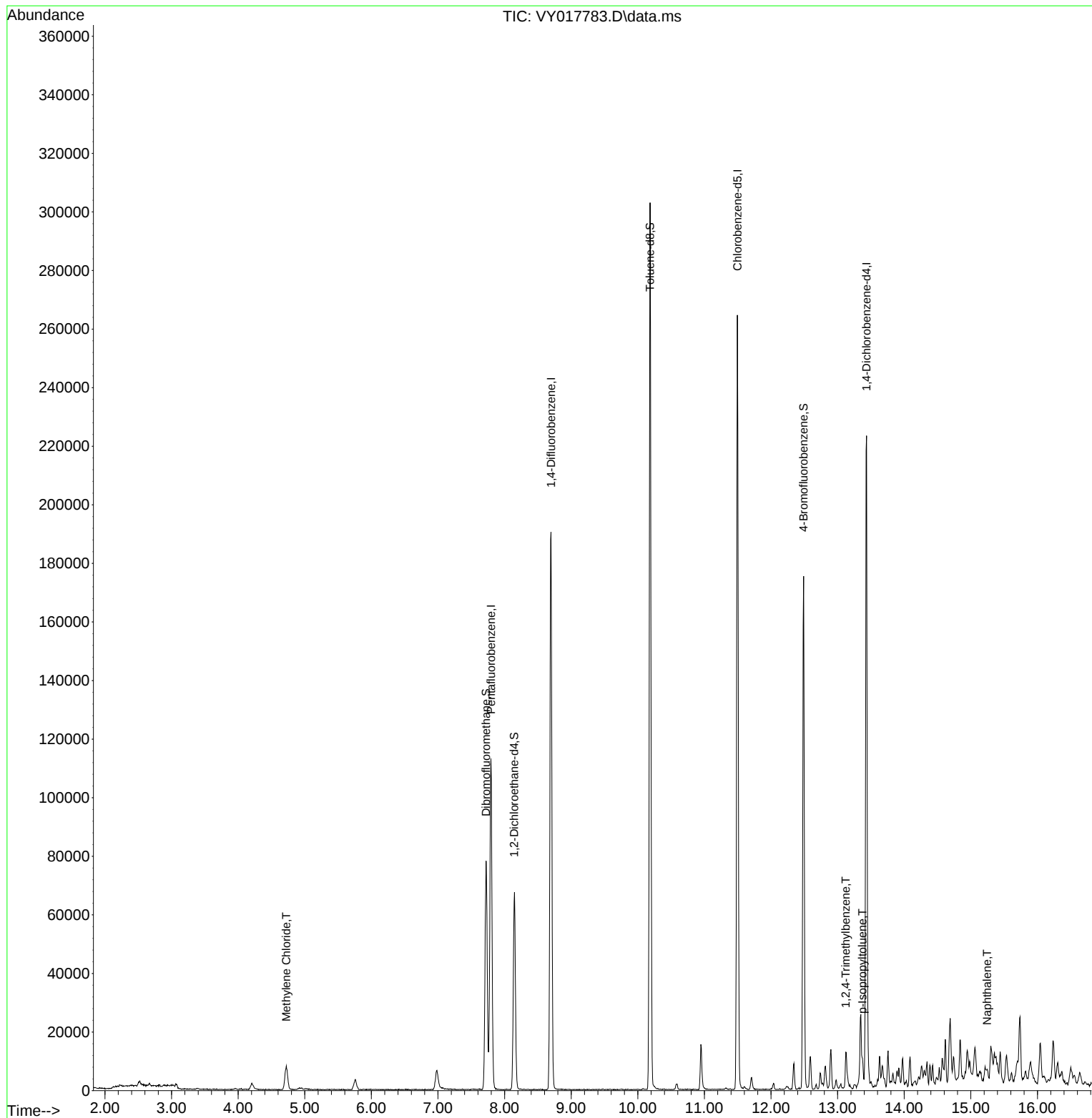
Internal Standards						
1) Pentafluorobenzene	7.795	168	87238	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	166428	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	142866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	55932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51698	68.024	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.040%	
35) Dibromofluoromethane	7.722	113	54637	54.921	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.840%	
50) Toluene-d8	10.185	98	192779	50.632	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.489	95	50656	44.306	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.620%	
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	5988	6.194	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	6772	2.089	ug/l	93
86) p-Isopropyltoluene	13.373	119	4933	1.325	ug/l #	74
95) Naphthalene	15.245	128	1920	3.867	ug/l #	90

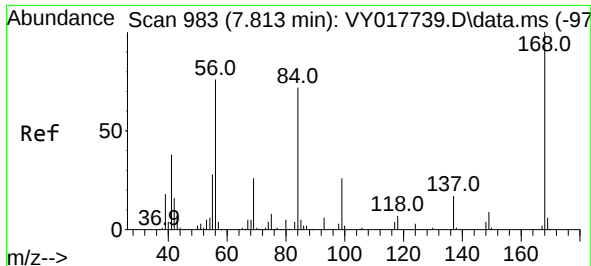
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
Data File : VY017783.D
Acq On : 27 Mar 2024 15:59
Operator : SY/MD
Sample : P1877-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1291

Quant Time: Mar 28 02:18:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

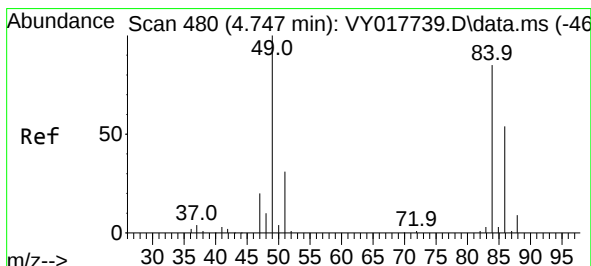
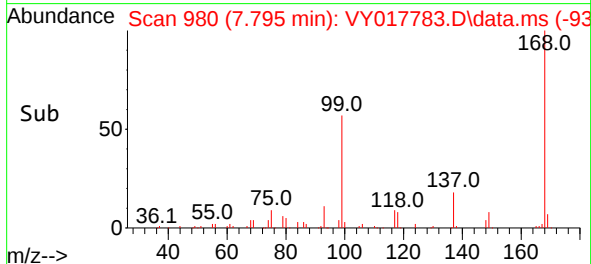
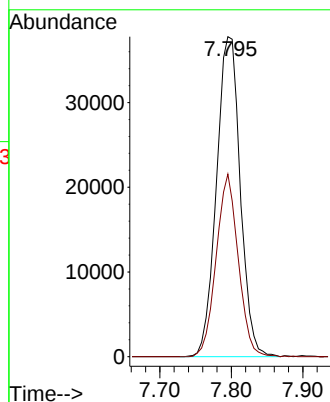
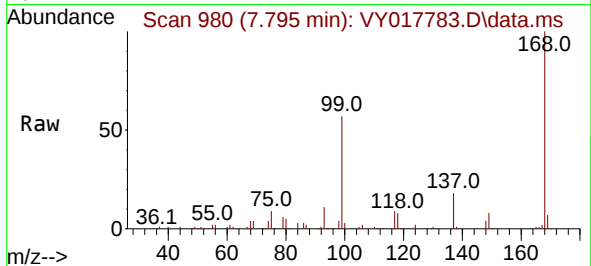




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017783.D
Acq: 27 Mar 2024 15:59

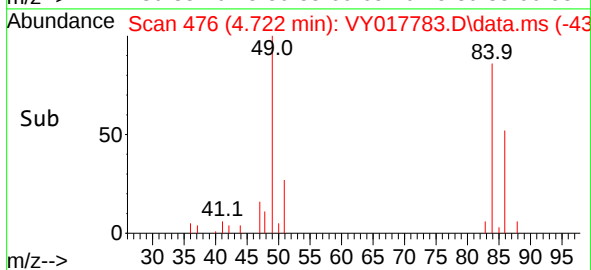
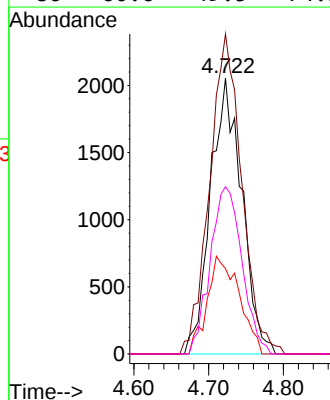
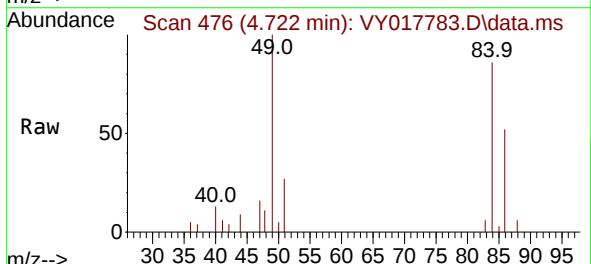
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1291

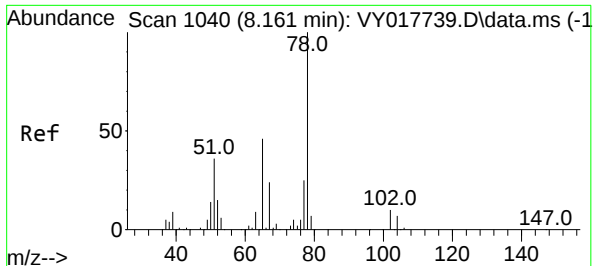
Tgt Ion:168 Resp: 87238
Ion Ratio Lower Upper
168 100
99 57.1 39.1 58.7



#20
Methylene Chloride
Concen: 6.194 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.024 min
Lab File: VY017783.D
Acq: 27 Mar 2024 15:59

Tgt Ion: 84 Resp: 5988
Ion Ratio Lower Upper
84 100
49 116.0 84.4 126.6
51 30.9 26.0 39.0
86 60.6 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 68.024 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.018 min

Lab File: VY017783.D

Acq: 27 Mar 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

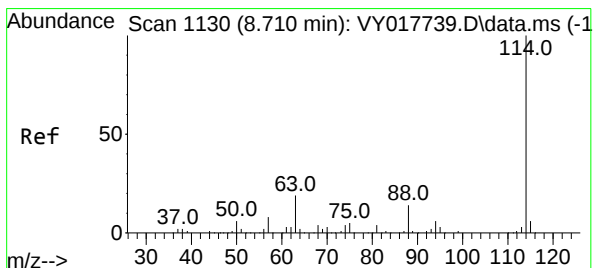
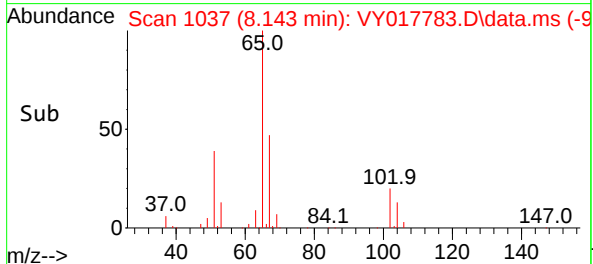
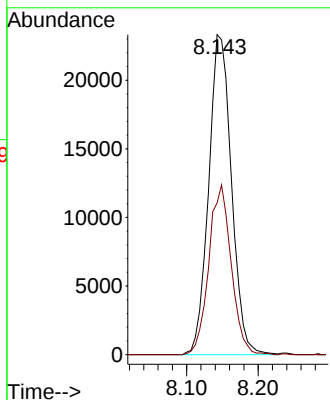
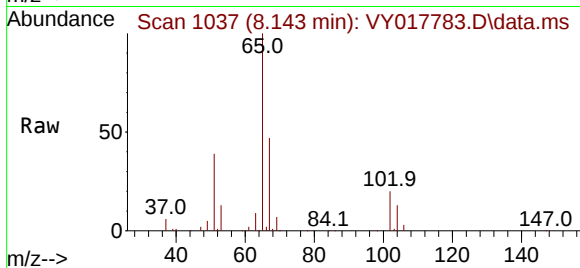
TRE-1291

Tgt Ion: 65 Resp: 51698

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017783.D

Acq: 27 Mar 2024 15:59

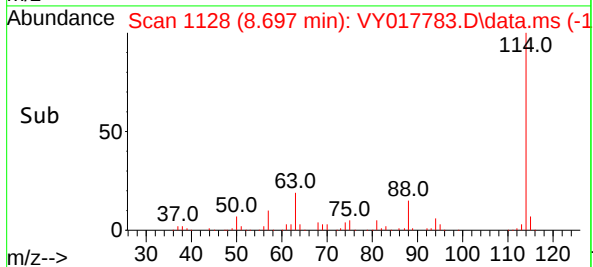
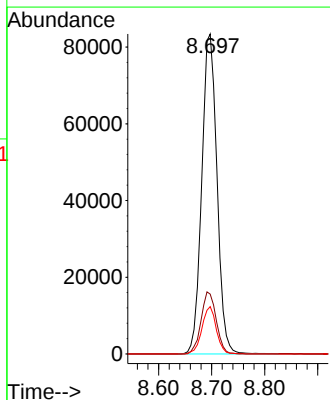
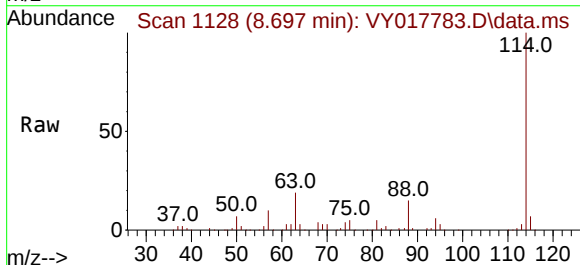
Tgt Ion: 114 Resp: 166428

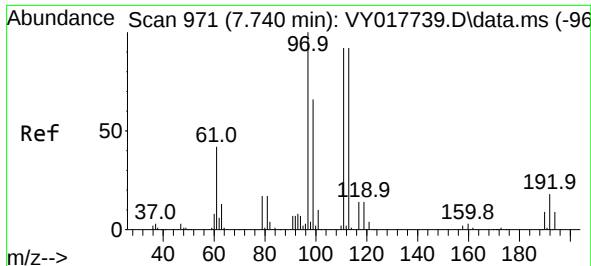
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.921 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.018 min

Lab File: VY017783.D

Acq: 27 Mar 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

TRE-1291

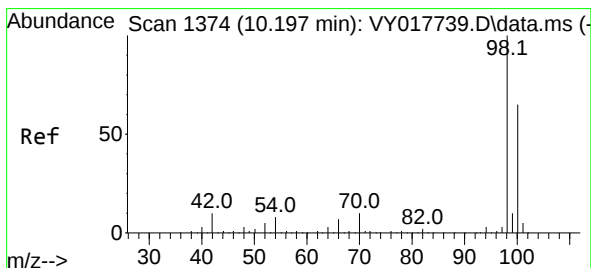
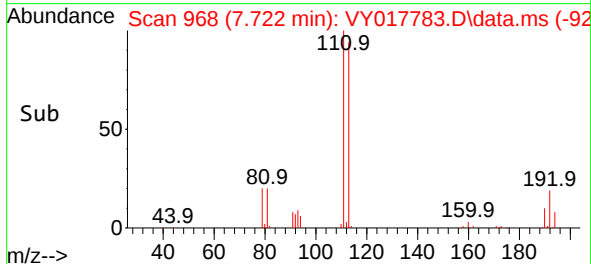
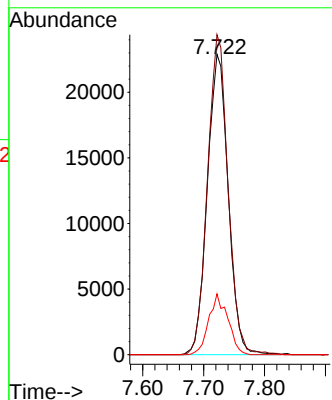
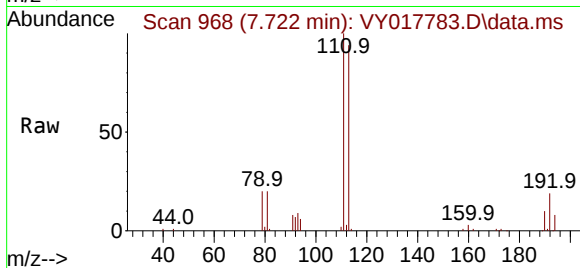
Tgt Ion:113 Resp: 54637

Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 18.5 15.9 23.9



#50

Toluene-d8

Concen: 50.632 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.012 min

Lab File: VY017783.D

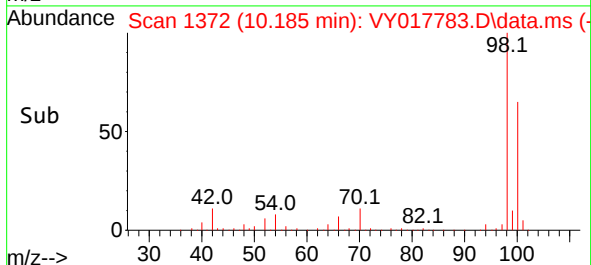
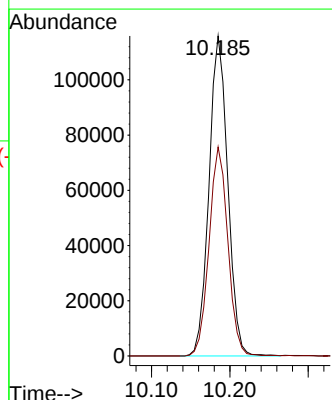
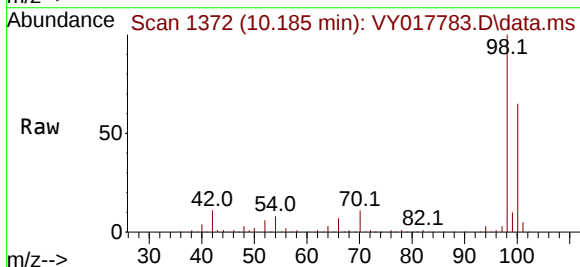
Acq: 27 Mar 2024 15:59

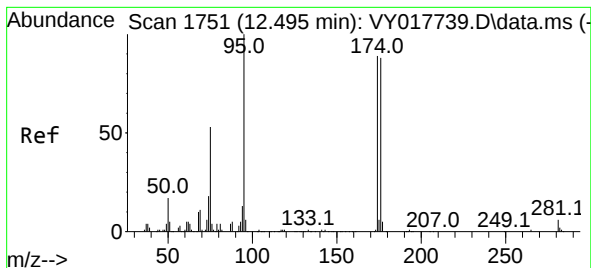
Tgt Ion: 98 Resp: 192779

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

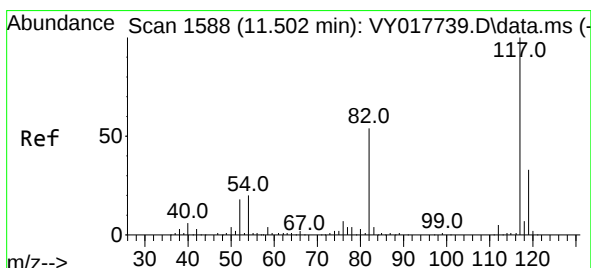
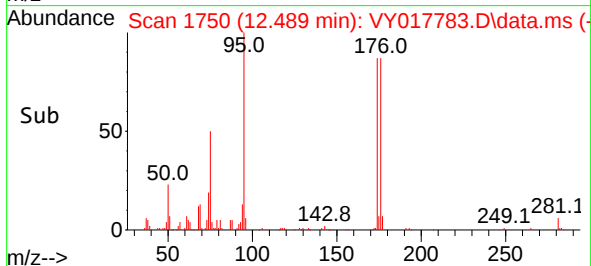
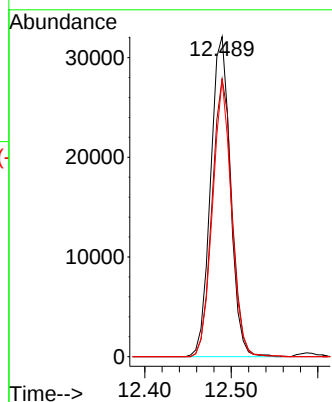
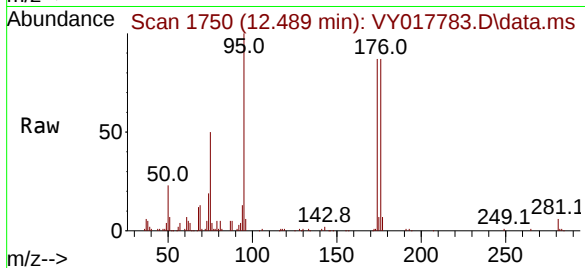




#62
4-Bromofluorobenzene
Concen: 44.306 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017783.D
Acq: 27 Mar 2024 15:59

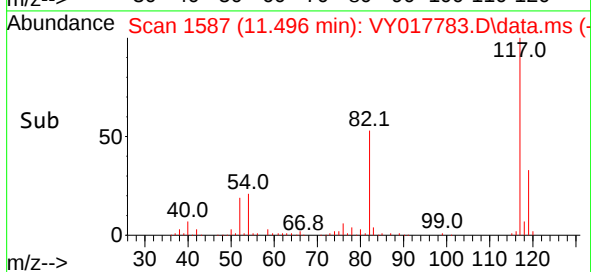
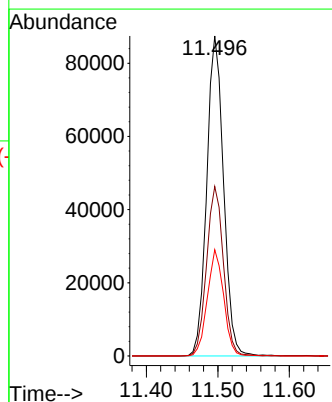
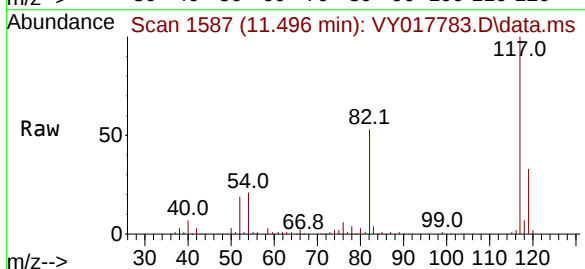
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1291

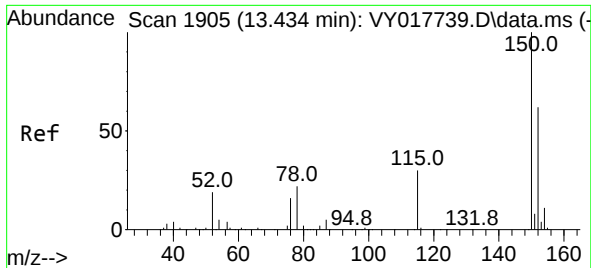
Tgt Ion:	95	Resp:	50656
Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	175.6
176	83.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017783.D
Acq: 27 Mar 2024 15:59

Tgt Ion:	117	Resp:	142866
Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.4	63.6
119	33.2	25.9	38.9

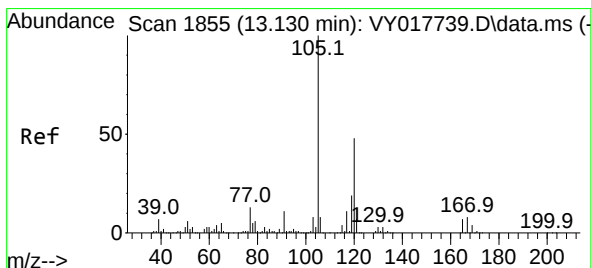
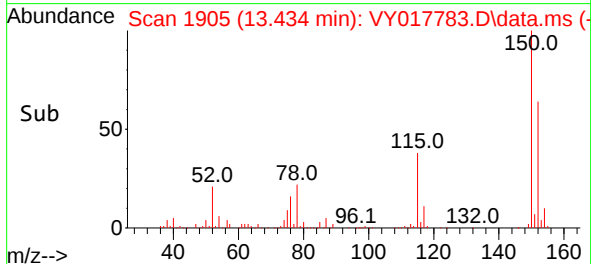
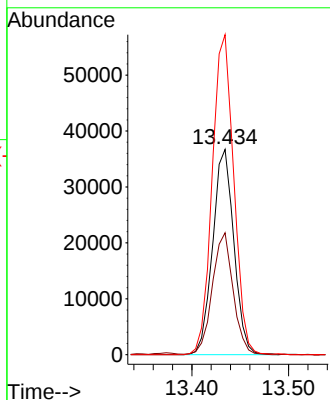
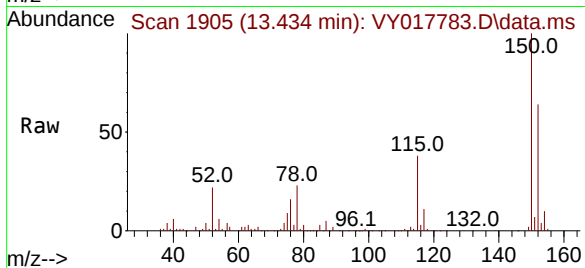




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017783.D
 Acq: 27 Mar 2024 15:59

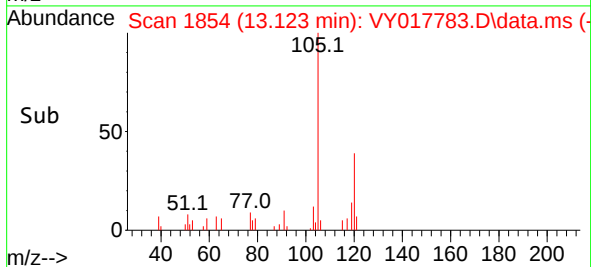
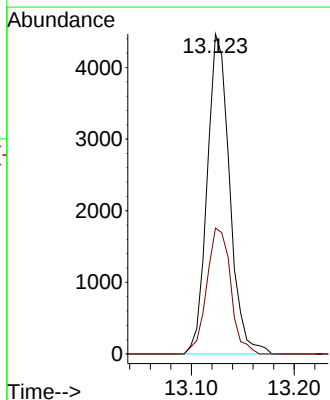
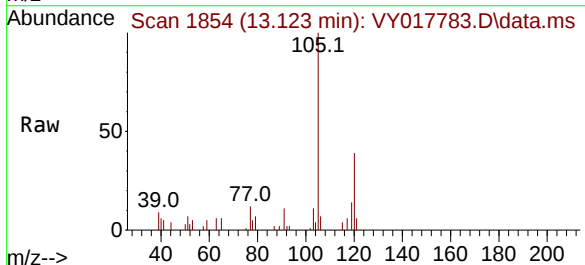
Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1291

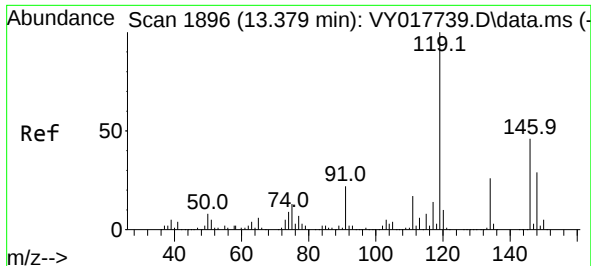
Tgt Ion:152 Resp: 55932
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 158.6 0.0 345.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.089 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: VY017783.D
 Acq: 27 Mar 2024 15:59

Tgt Ion:105 Resp: 6772
 Ion Ratio Lower Upper
 105 100
 120 41.9 23.2 69.6

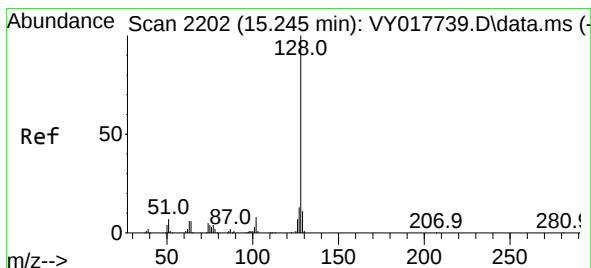
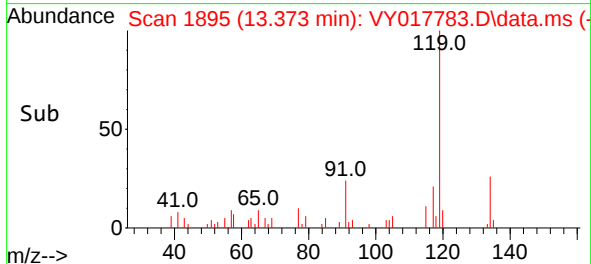
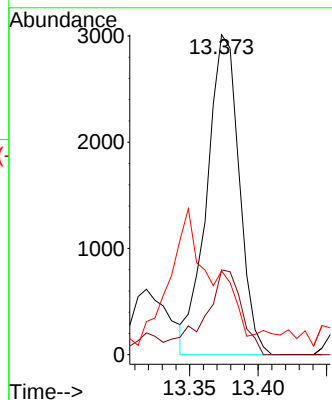
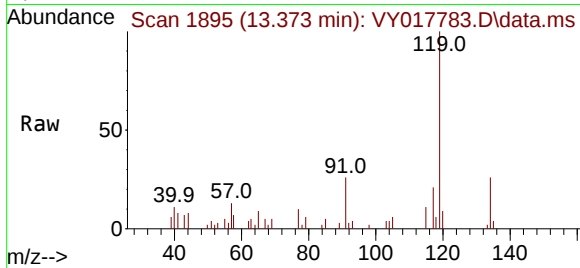




#86
p-Isopropyltoluene
Concen: 1.325 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VY017783.D
Acq: 27 Mar 2024 15:59

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1291

Tgt Ion:119 Resp: 4933
Ion Ratio Lower Upper
119 100
134 31.0 13.1 39.3
91 0.0 10.7 32.1#



#95
Naphthalene
Concen: 3.867 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017783.D
Acq: 27 Mar 2024 15:59

Tgt Ion:128 Resp: 1920
Ion Ratio Lower Upper
128 100
127 7.7 10.6 16.0#
129 8.8 8.6 13.0

