

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015296.D
 Acq On : 23 Aug 2023 21:17
 Operator : SY/MD
 Sample : 04116-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Aug 24 02:37:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

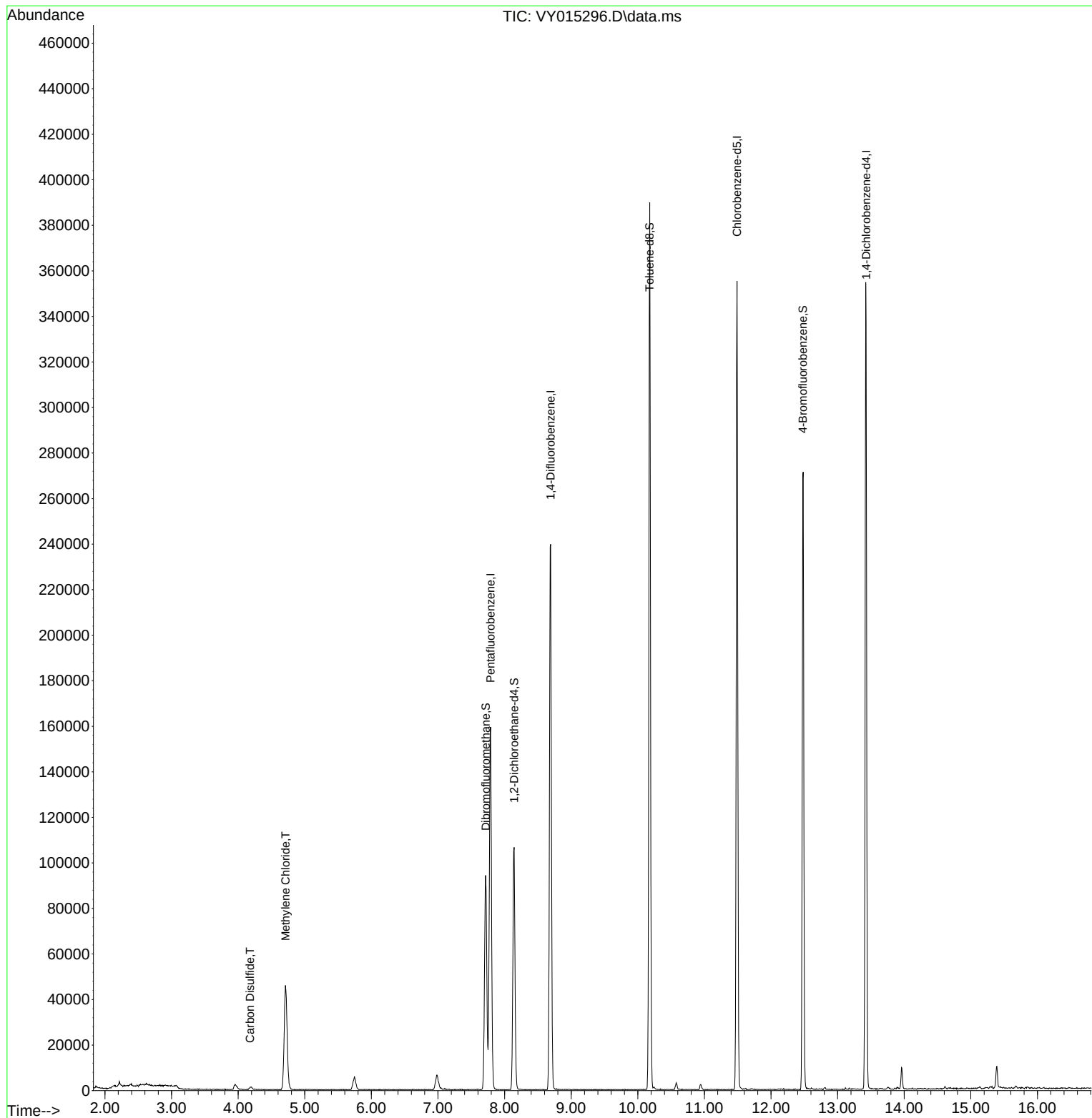
Internal Standards						
1) Pentafluorobenzene	7.789	168	125093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83551	55.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.716	113	66752	49.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.640%
50) Toluene-d8	10.179	98	247757	49.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.477	95	82566	45.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.660%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.180	76	2465	1.609	ug/l	99
20) Methylene Chloride	4.710	84	34101	27.006	ug/l	92

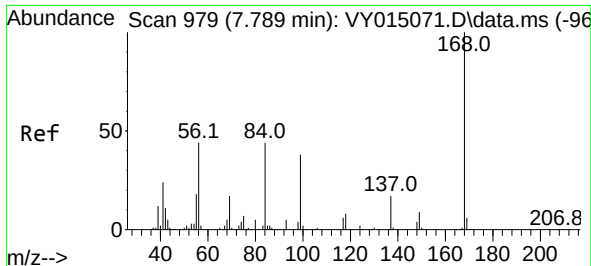
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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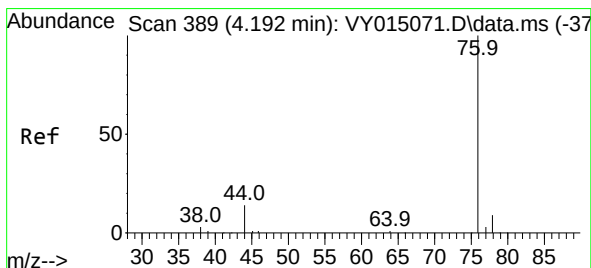
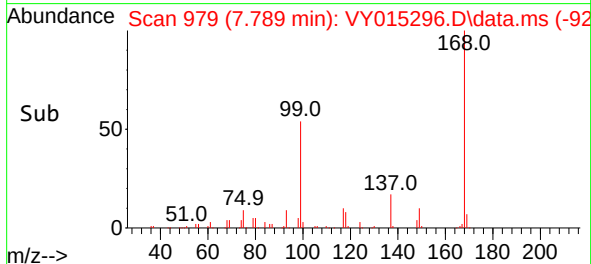
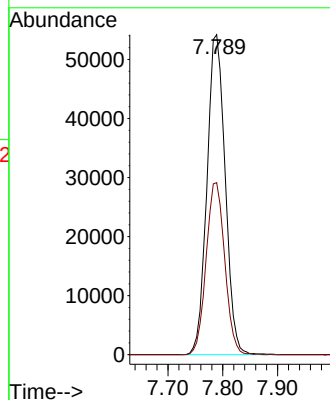
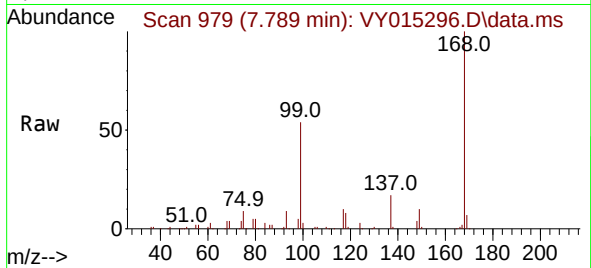




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015296.D
Acq: 23 Aug 2023 21:17

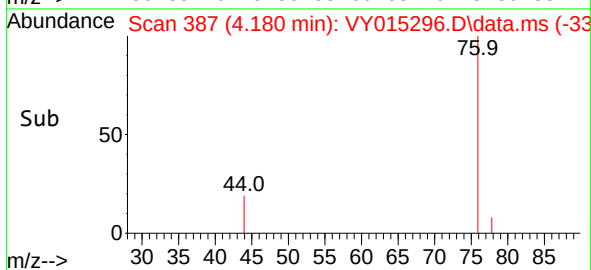
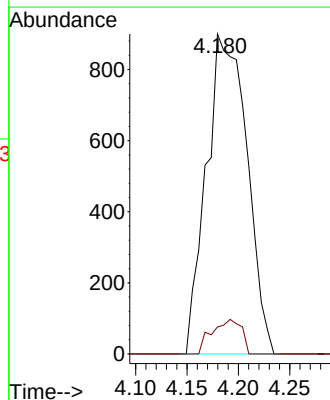
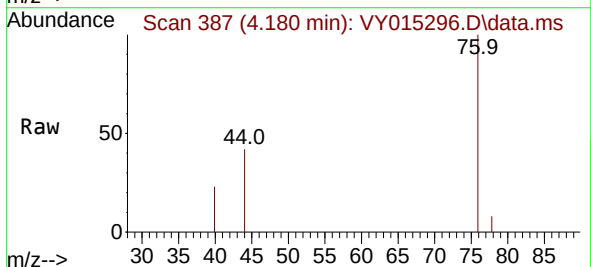
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

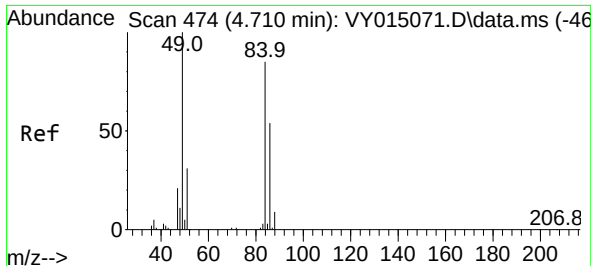
Tgt Ion:168 Resp: 125093
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#17
Carbon Disulfide
Concen: 1.609 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY015296.D
Acq: 23 Aug 2023 21:17

Tgt Ion: 76 Resp: 2465
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4

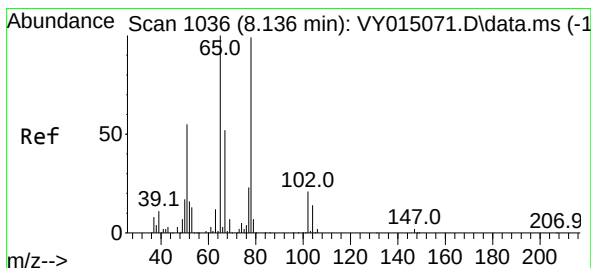
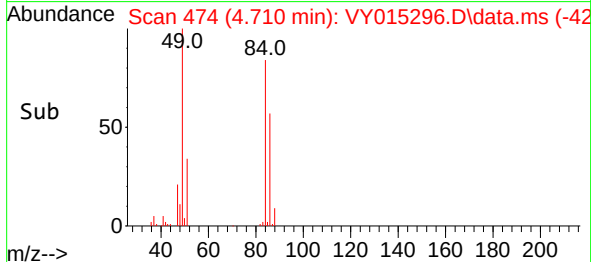
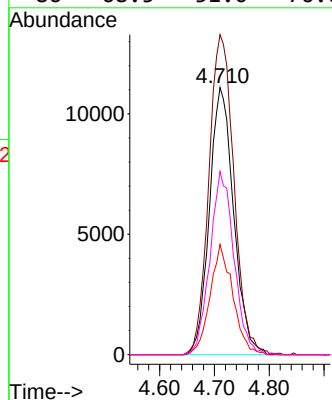
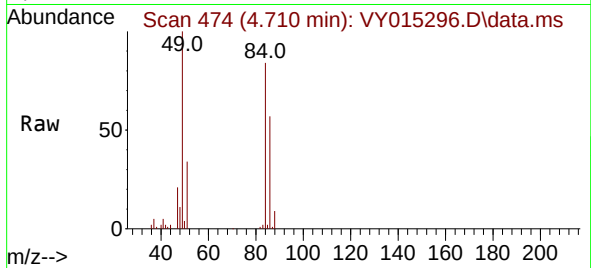




#20
Methylene Chloride
Concen: 27.006 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015296.D
Acq: 23 Aug 2023 21:17

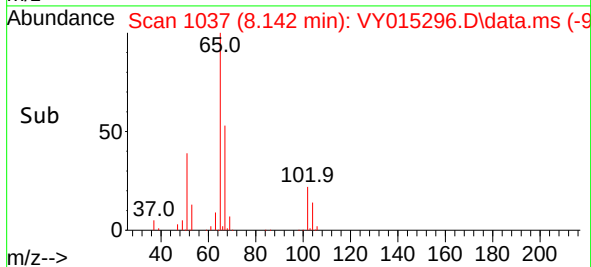
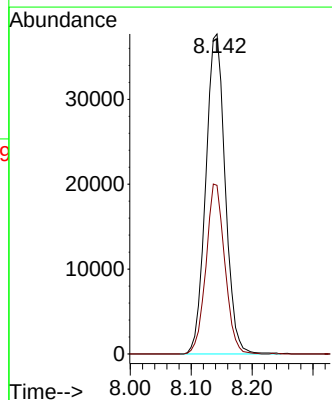
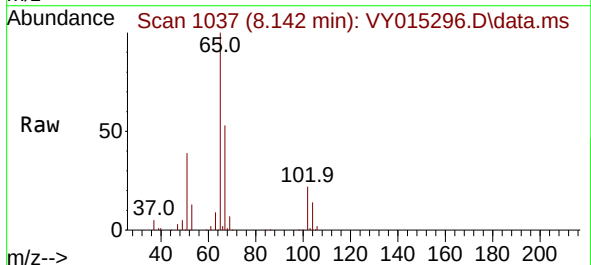
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

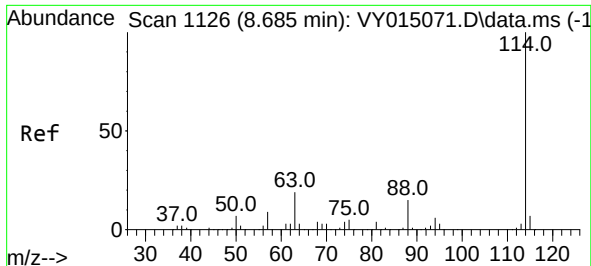
Tgt Ion:	84	Resp:	34101
Ion	Ratio	Lower	Upper
84	100		
49	119.7	106.9	160.3
51	41.3	33.2	49.8
86	68.5	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 55.640 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015296.D
Acq: 23 Aug 2023 21:17

Tgt Ion:	65	Resp:	83551
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015296.D

Acq: 23 Aug 2023 21:17

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

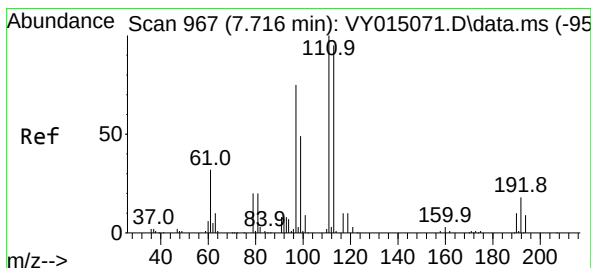
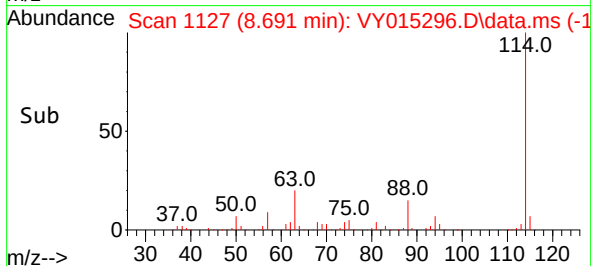
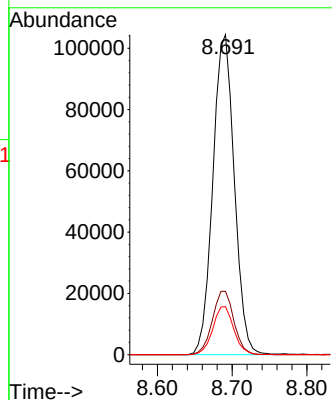
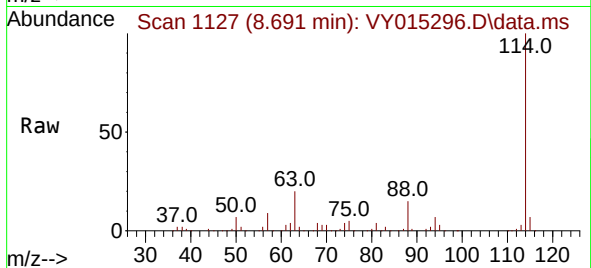
Tgt Ion:114 Resp: 208248

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.825 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015296.D

Acq: 23 Aug 2023 21:17

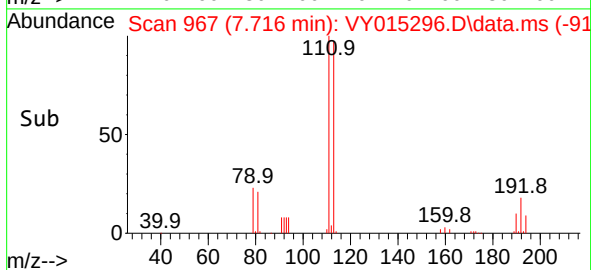
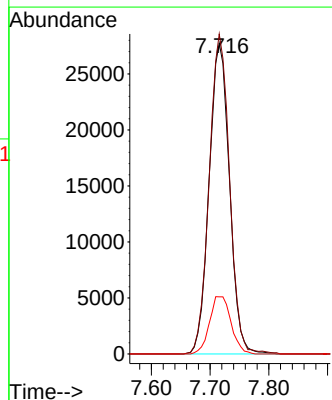
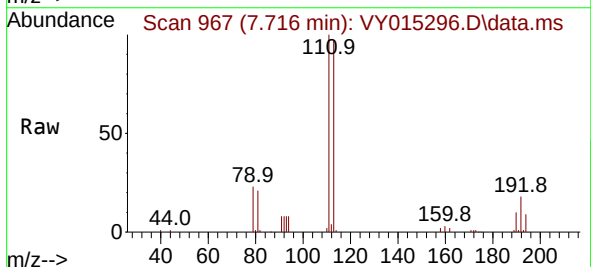
Tgt Ion:113 Resp: 66752

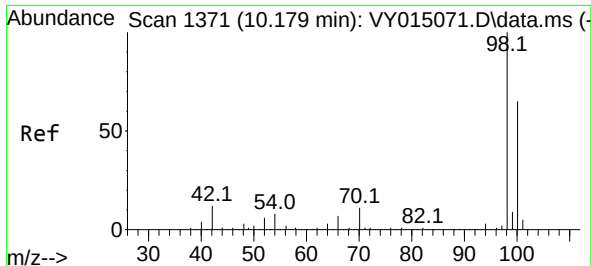
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 19.5 16.9 25.3

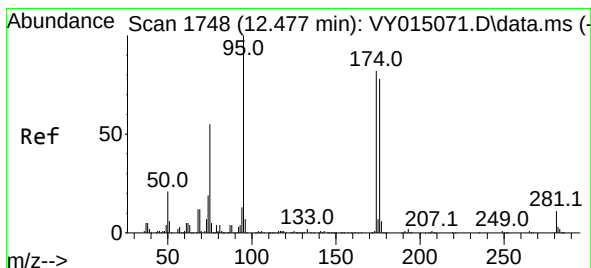
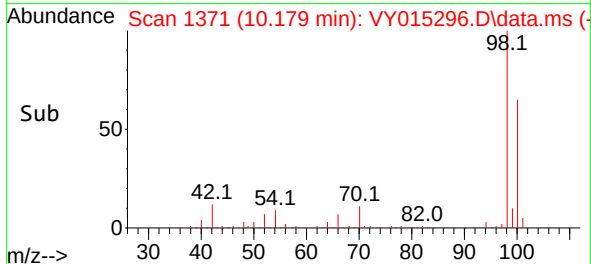
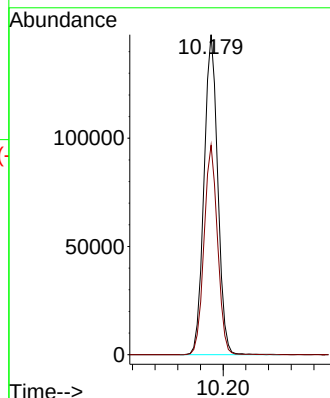
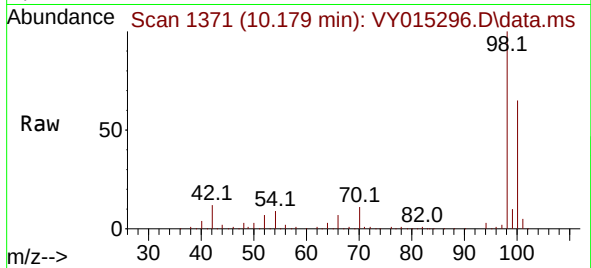




#50
Toluene-d8
Concen: 49.678 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015296.D
Acq: 23 Aug 2023 21:17

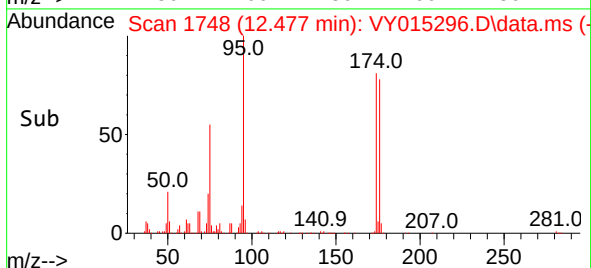
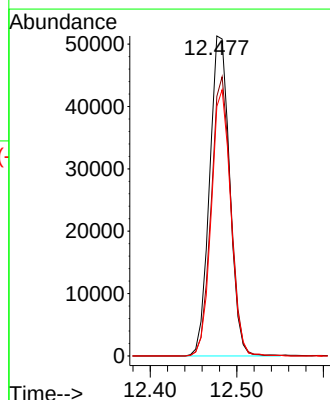
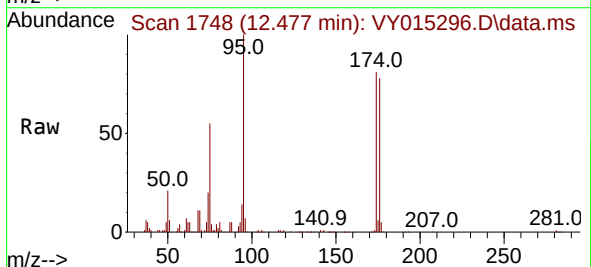
Instrument :
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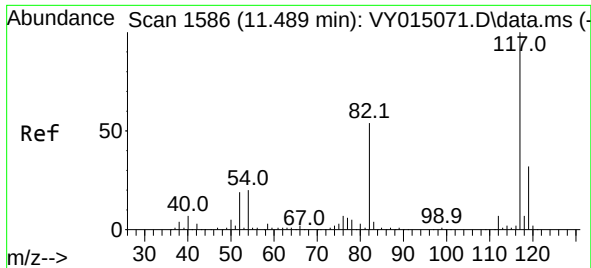
Tgt Ion: 98 Resp: 247757
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.327 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015296.D
Acq: 23 Aug 2023 21:17

Tgt Ion: 95 Resp: 82566
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 81.0 0.0 173.8

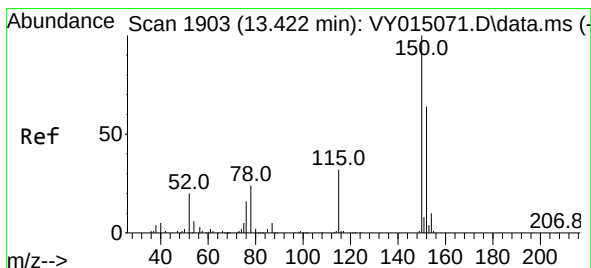
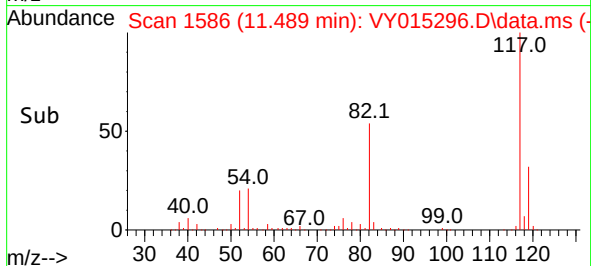
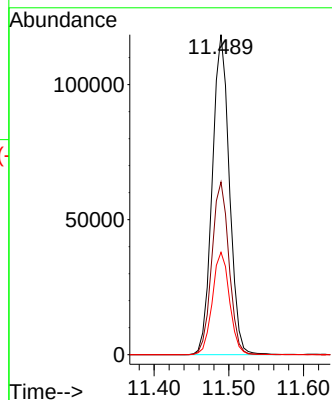
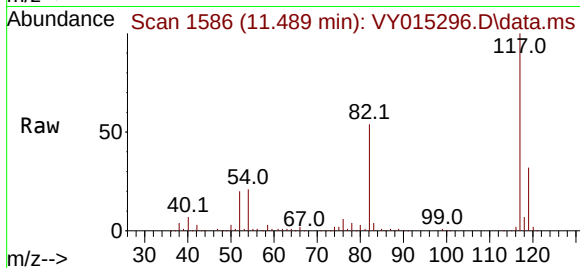




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015296.D
Acq: 23 Aug 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 188969
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015296.D
Acq: 23 Aug 2023 21:17

Tgt Ion:152 Resp: 90924
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 156.1 0.0 348.8

