

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020584.D
 Acq On : 11 Dec 2024 13:37
 Operator : SY/MD
 Sample : P5219-03RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-CAM-012RE

Quant Time: Dec 12 00:05:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

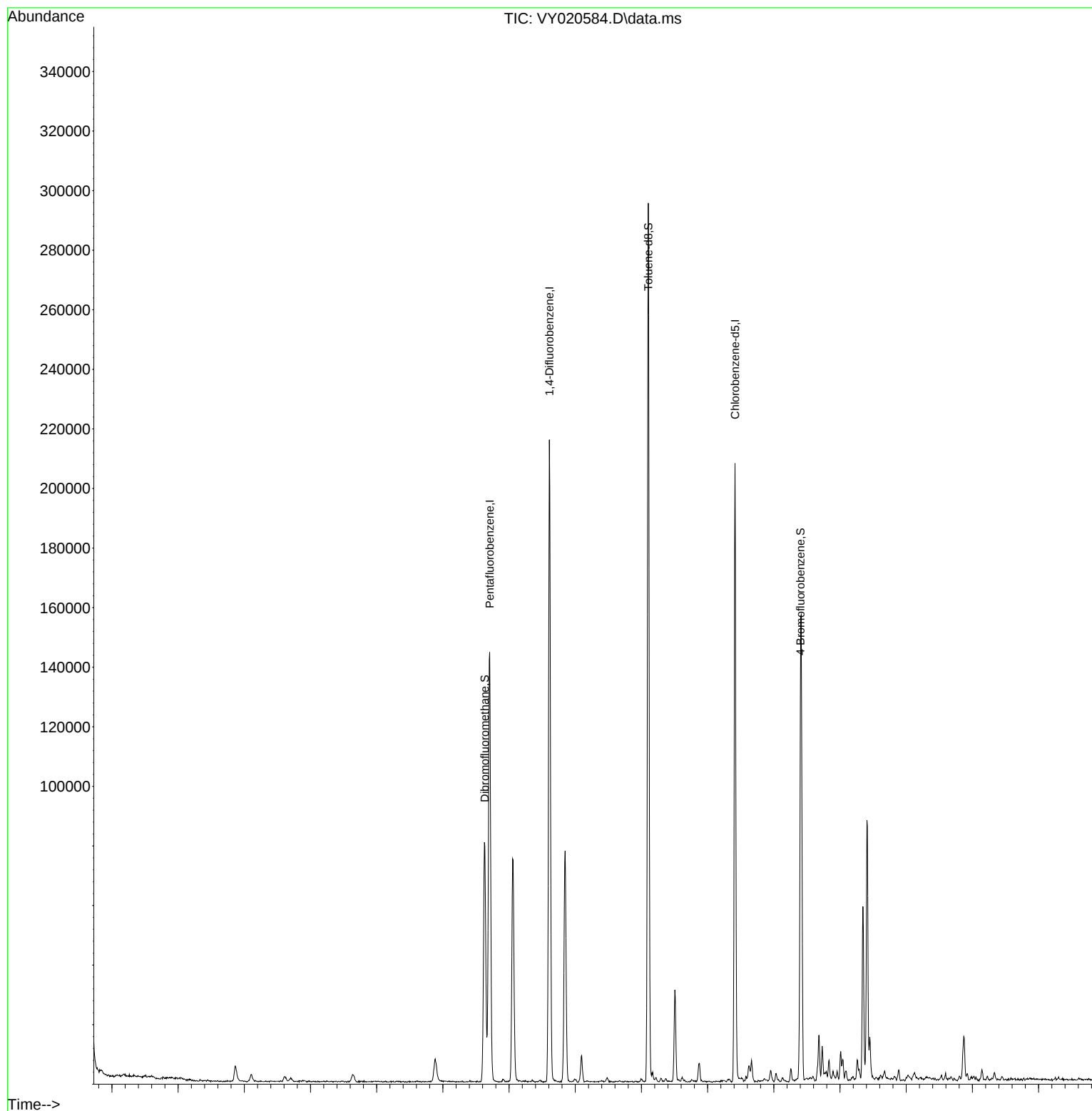
Internal Standards						
1) Pentafluorobenzene	7.707	168	109743	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	178393	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	106734	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	14371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	62205	55.734	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.460%
35) Dibromofluoromethane	7.634	113	58288	51.901	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.800%
50) Toluene-d8	10.103	98	189689	44.357	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.720%
62) 4-Bromofluorobenzene	12.401	95	32889	21.989	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	43.980%
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	9339	33.652	ug/l	90
17) Carbon Disulfide	4.110	76	4277	1.312	ug/l	98
20) Methylene Chloride	4.610	84	1309	1.109	ug/l	87
84) 1,2,4-Trimethylbenzene	13.041	105	3910	3.610	ug/l	97
86) p-Isopropyltoluene	13.291	119	1797	1.506	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.328	180	778	3.641	ug/l	85

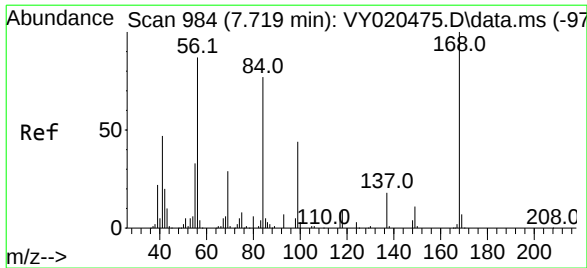
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

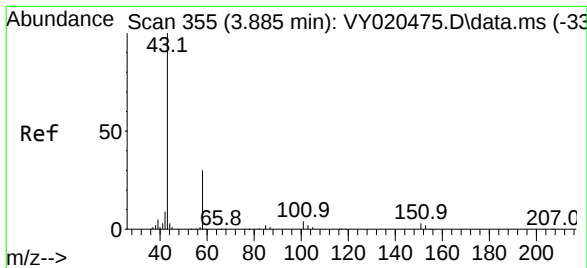
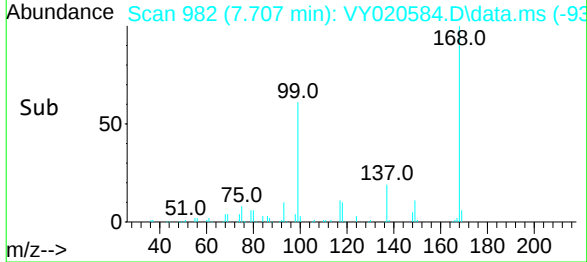
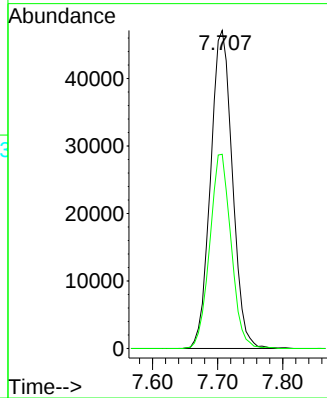
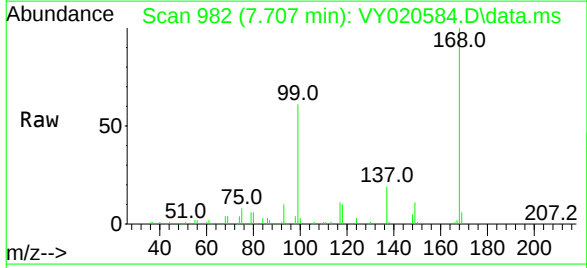




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020584.D
Acq: 11 Dec 2024 13:37

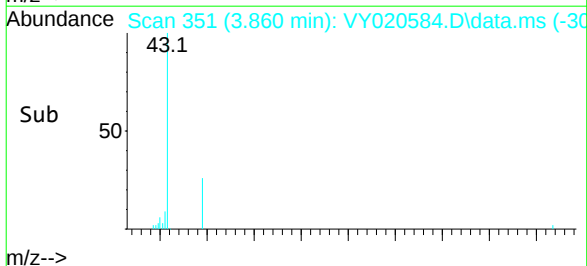
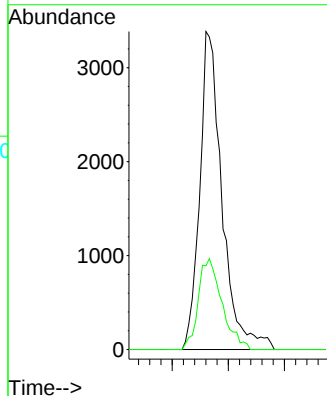
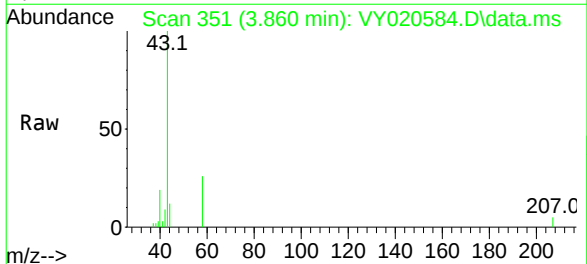
Instrument :
MSVOA_Y
ClientSampleId :
MR-CAM-012RE

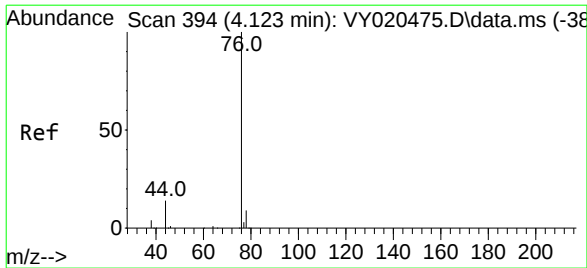
Tgt Ion:168 Resp: 109743
Ion Ratio Lower Upper
168 100
99 61.1 46.6 69.8



#16
Acetone
Concen: 33.652 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.025 min
Lab File: VY020584.D
Acq: 11 Dec 2024 13:37

Tgt Ion: 43 Resp: 9339
Ion Ratio Lower Upper
43 100
58 26.3 25.7 38.5

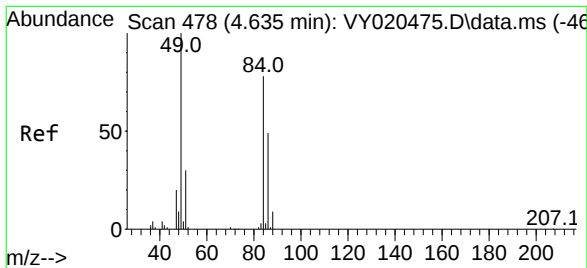
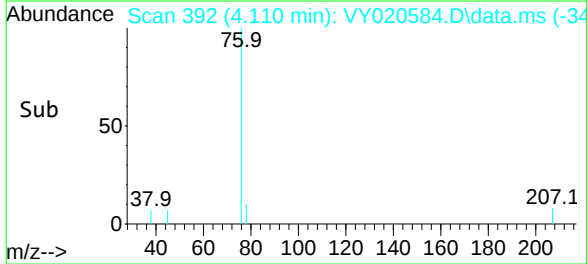
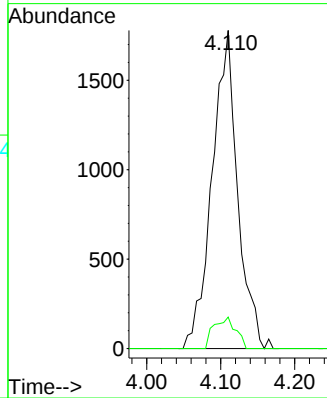
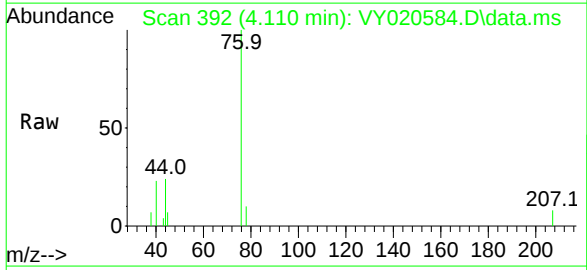




#17
Carbon Disulfide
Concen: 1.312 ug/l
RT: 4.110 min Scan# 39
Delta R.T. -0.012 min
Lab File: VY020584.D
Acq: 11 Dec 2024 13:37

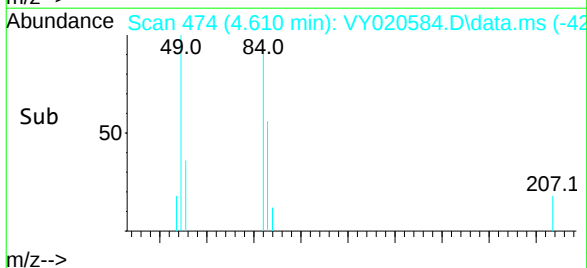
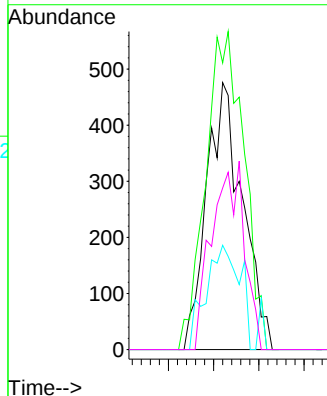
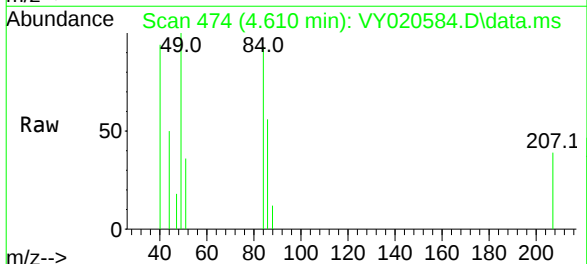
Instrument :
MSVOA_Y
ClientSampleId :
MR-CAM-012RE

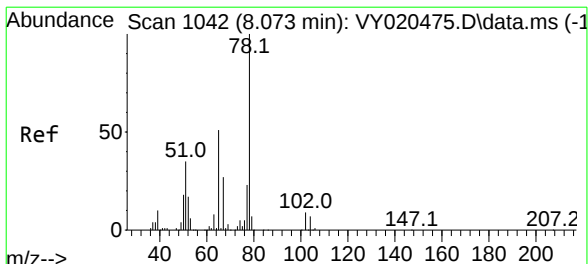
Tgt Ion: 76 Resp: 4277
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#20
Methylene Chloride
Concen: 1.109 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.025 min
Lab File: VY020584.D
Acq: 11 Dec 2024 13:37

Tgt Ion: 84 Resp: 1309
Ion Ratio Lower Upper
84 100
49 107.4 104.7 157.1
51 39.1 33.4 50.0
86 60.5 52.2 78.2

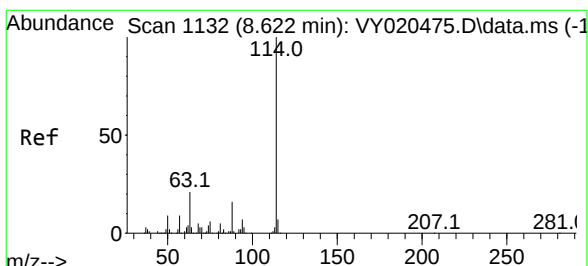
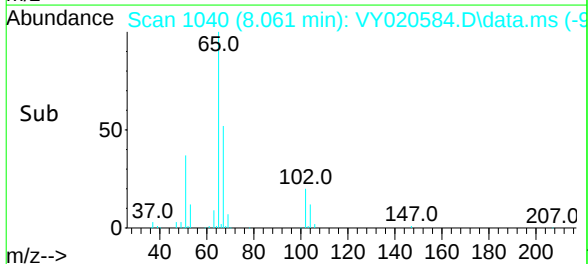
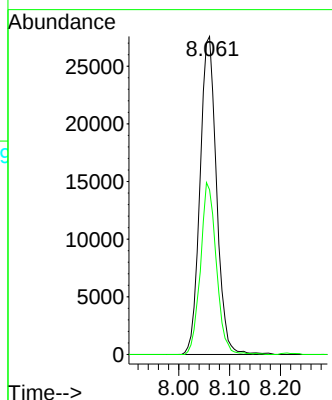
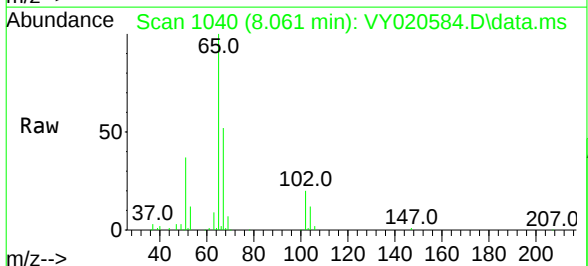




#33
 1,2-Dichloroethane-d4
 Concen: 55.734 ug/l
 RT: 8.061 min Scan# 1042
 Delta R.T. -0.012 min
 Lab File: VY020584.D
 Acq: 11 Dec 2024 13:37

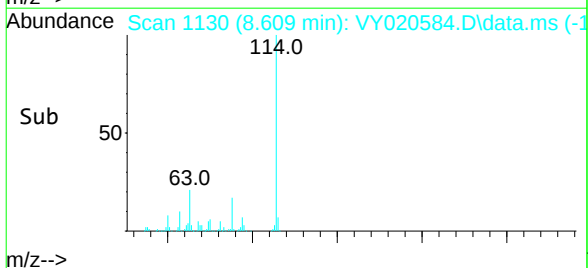
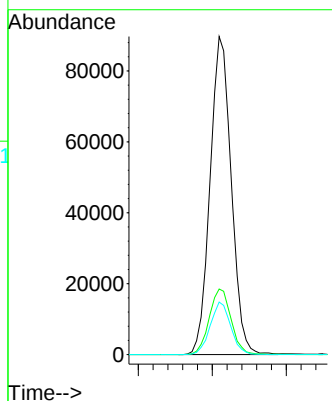
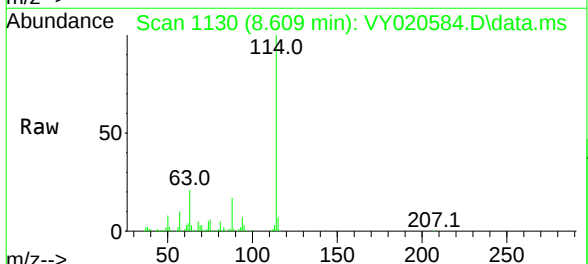
Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-CAM-012RE

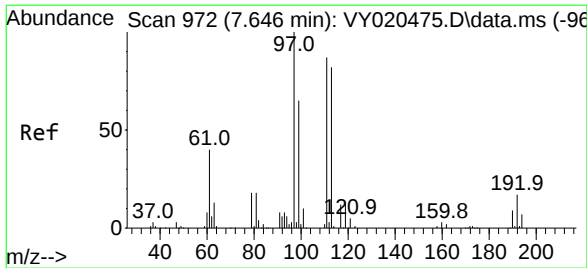
Tgt Ion: 65 Resp: 62205
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.012 min
 Lab File: VY020584.D
 Acq: 11 Dec 2024 13:37

Tgt Ion: 114 Resp: 178393
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.8
 88 16.5 0.0 32.0

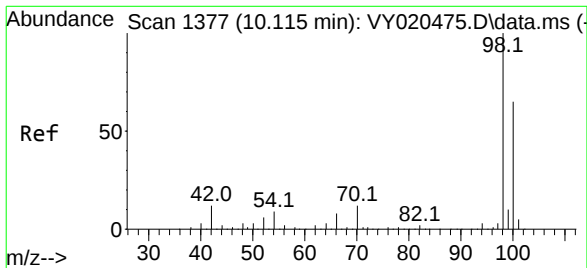
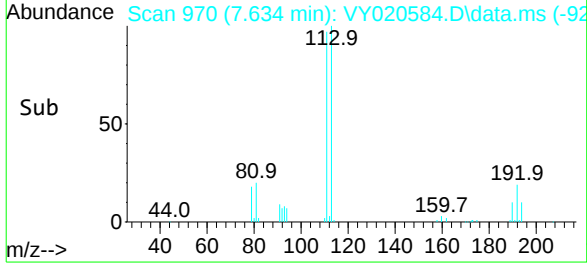
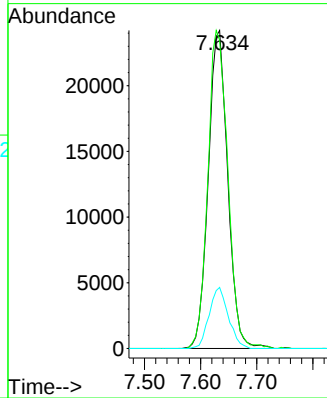
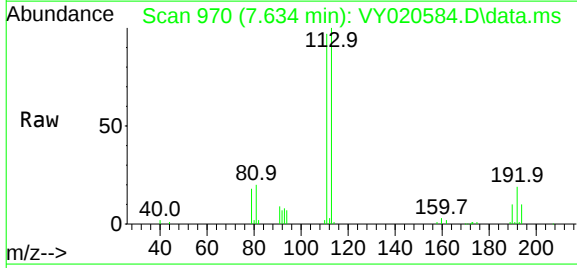




#35
Dibromofluoromethane
Concen: 51.901 ug/l
RT: 7.634 min Scan# 97
Delta R.T. -0.012 min
Lab File: VY020584.D
Acq: 11 Dec 2024 13:37

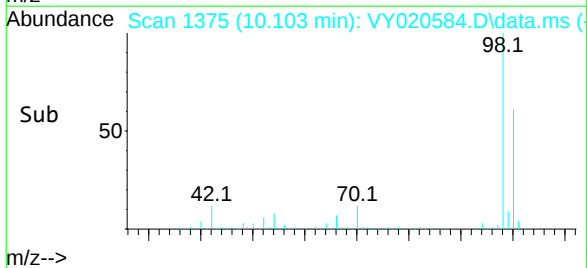
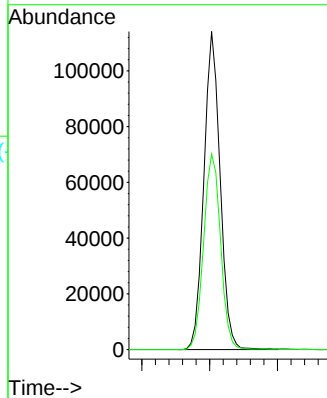
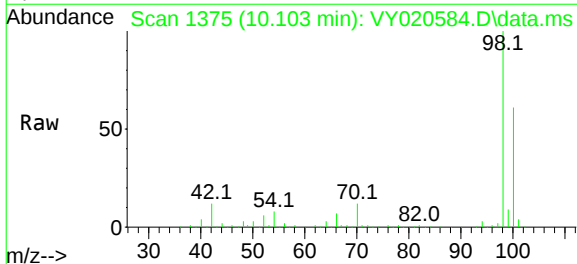
Instrument :
MSVOA_Y
ClientSampleId :
MR-CAM-012RE

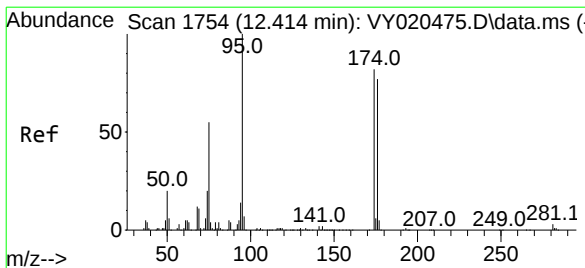
Tgt Ion:113 Resp: 58288
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 19.0 15.1 22.7



#50
Toluene-d8
Concen: 44.357 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020584.D
Acq: 11 Dec 2024 13:37

Tgt Ion: 98 Resp: 189689
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 21.989 ug/l

RT: 12.401 min Scan# 1754

Delta R.T. -0.012 min

Lab File: VY020584.D

Acq: 11 Dec 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

MR-CAM-012RE

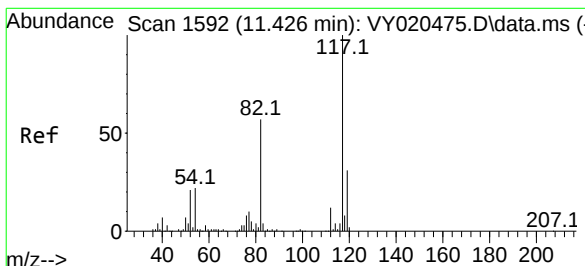
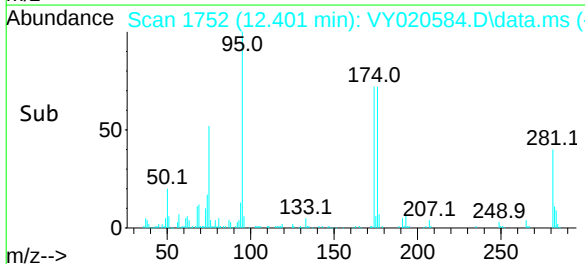
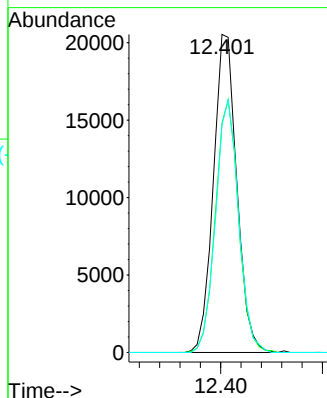
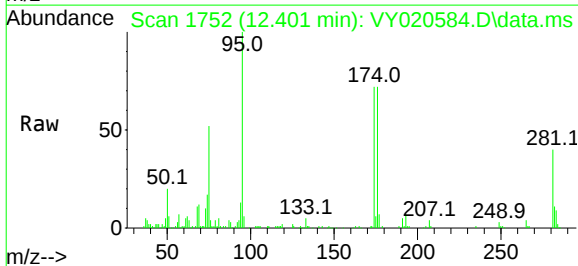
Tgt Ion: 95 Resp: 32889

Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.8

176 78.1 0.0 152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.012 min

Lab File: VY020584.D

Acq: 11 Dec 2024 13:37

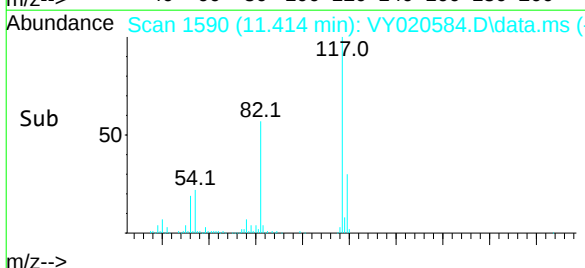
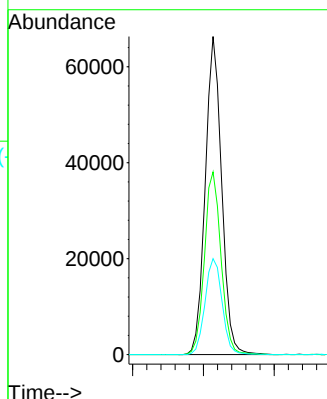
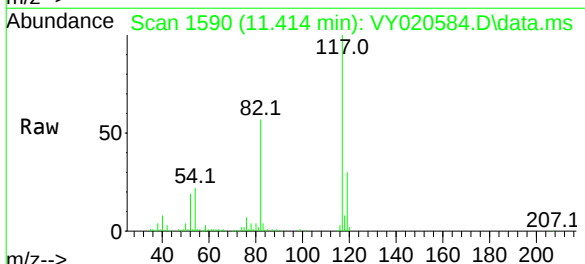
Tgt Ion: 117 Resp: 106734

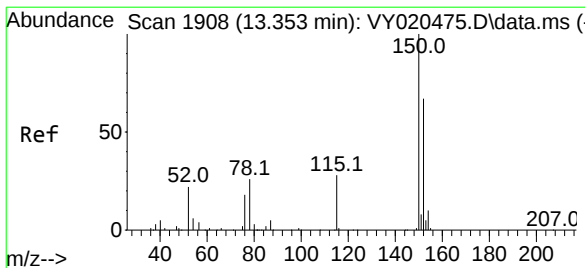
Ion Ratio Lower Upper

117 100

82 57.4 48.2 72.4

119 30.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 19

Delta R.T. -0.006 min

Lab File: VY020584.D

Acq: 11 Dec 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

MR-CAM-012RE

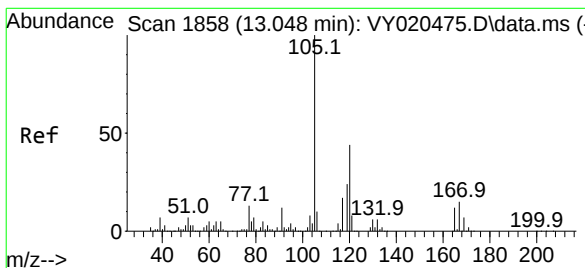
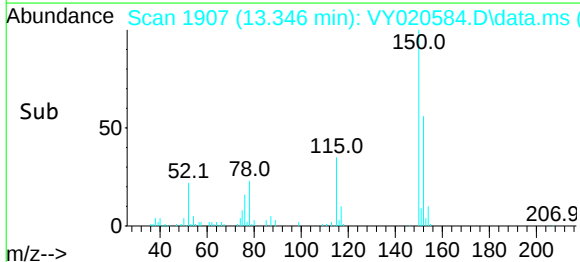
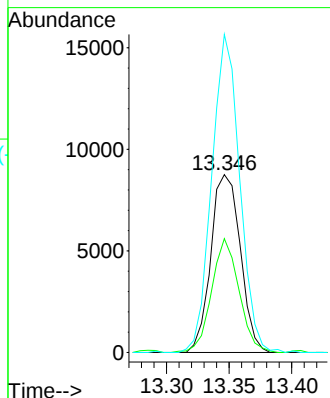
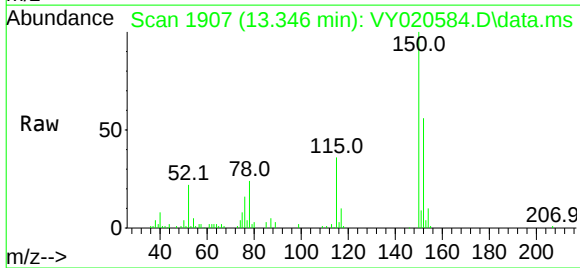
Tgt Ion:152 Resp: 14371

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 169.4 0.0 348.2



#84

1,2,4-Trimethylbenzene

Concen: 3.610 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020584.D

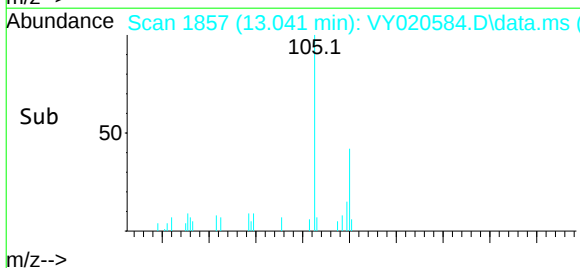
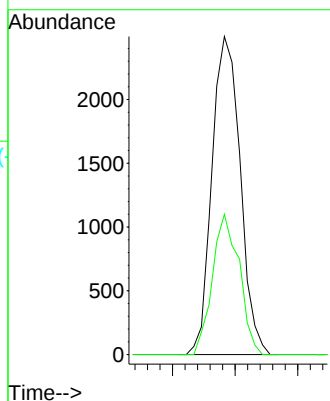
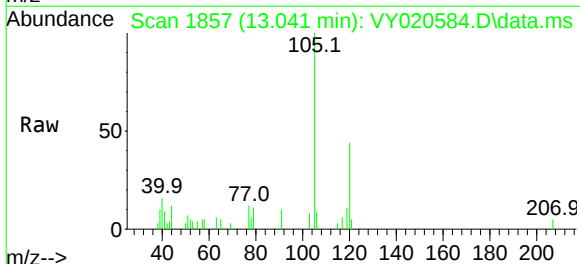
Acq: 11 Dec 2024 13:37

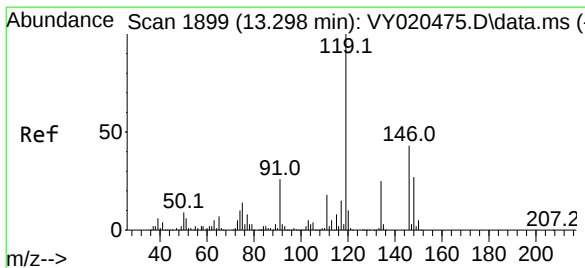
Tgt Ion:105 Resp: 3910

Ion Ratio Lower Upper

105 100

120 41.9 22.0 66.0





#86

p-Isopropyltoluene

Concen: 1.506 ug/l

RT: 13.291 min Scan# 18

Delta R.T. -0.006 min

Lab File: VY020584.D

Acq: 11 Dec 2024 13:37

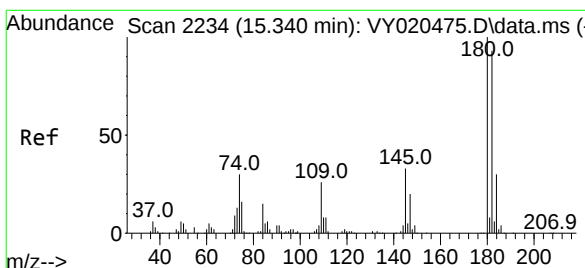
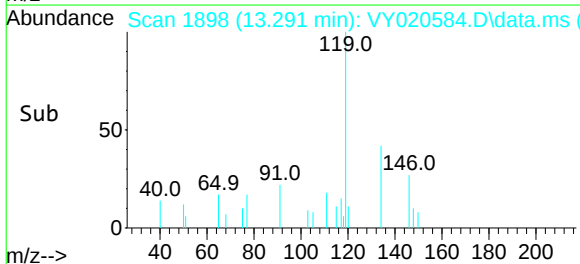
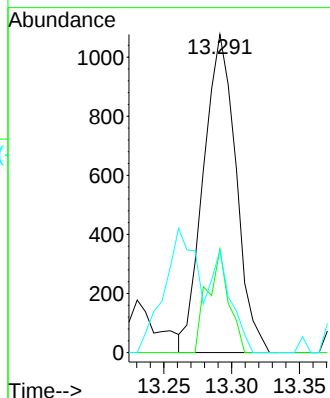
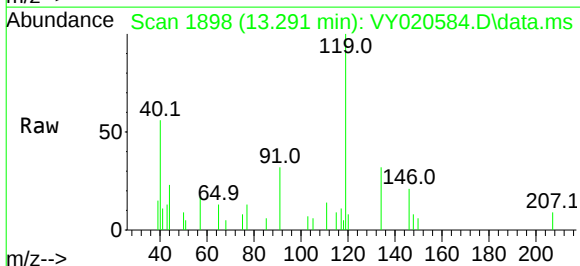
Instrument :

MSVOA_Y

ClientSampleId :

MR-CAM-012RE

Tgt Ion:	119	Resp:	1797
Ion	Ratio	Lower	Upper
119	100		
134	21.2	12.8	38.4
91	0.0	12.3	36.8



#96

1,2,3-Trichlorobenzene

Concen: 3.641 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.012 min

Lab File: VY020584.D

Acq: 11 Dec 2024 13:37

Tgt Ion:	180	Resp:	778
Ion	Ratio	Lower	Upper
180	100		
182	79.7	47.4	142.3
145	25.7	16.9	50.6

