

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020291.D
 Acq On : 13 Nov 2024 18:23
 Operator : SY/MD
 Sample : P4822-11
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 01:01:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

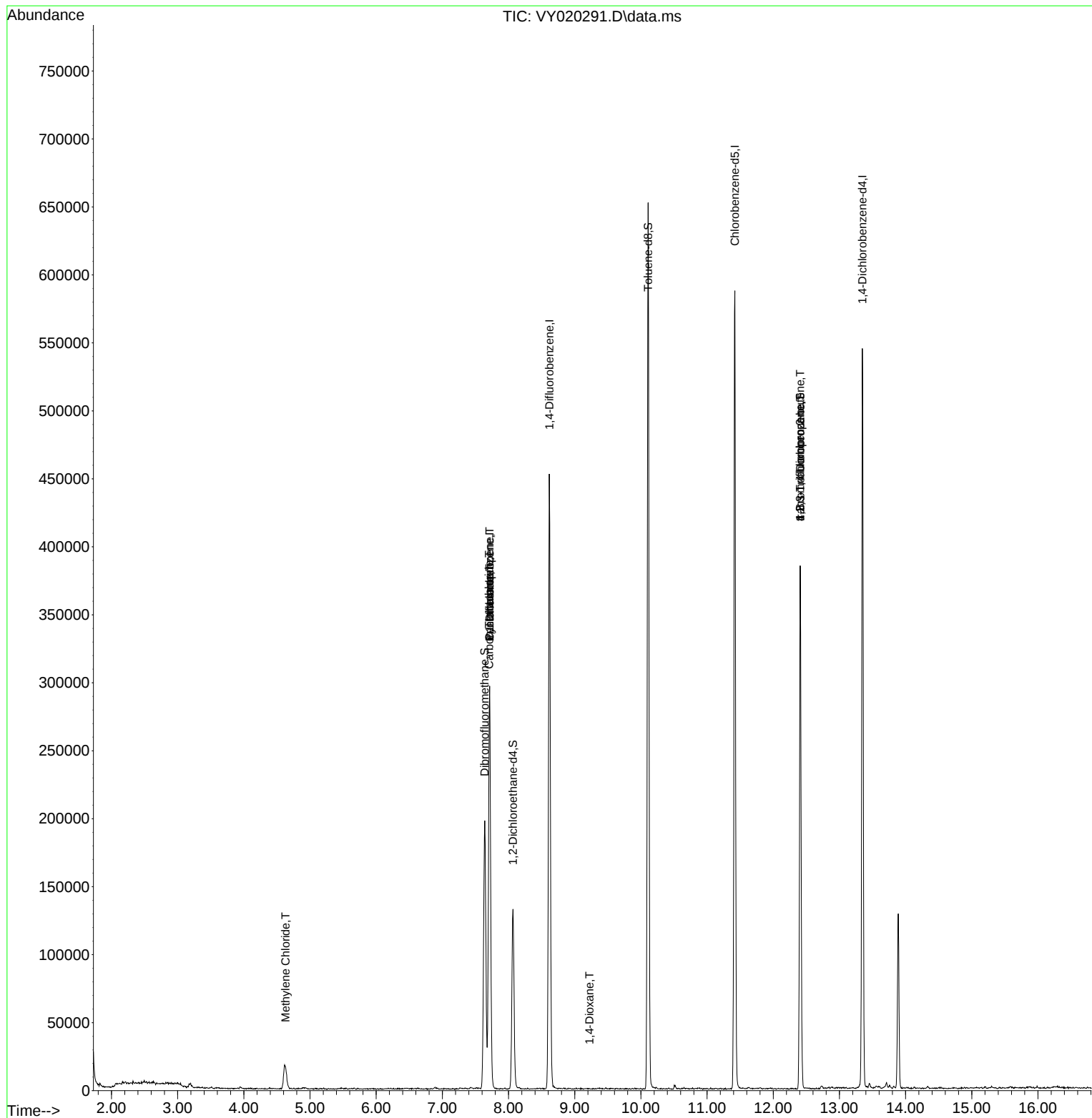
Internal Standards						
1) Pentafluorobenzene	7.713	168	206493	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	355515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	288337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	102799	39.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.780%
35) Dibromofluoromethane	7.640	113	139221	61.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.180%
50) Toluene-d8	10.109	98	405849	45.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.407	95	107192	36.679	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.360%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.628	84	12499	4.642	ug/l #	85
31) Cyclohexane	7.713	56	5455	1.166	ug/l #	8
36) 1,1-Dichloropropene	7.713	75	19460	5.573	ug/l #	47
38) Carbon Tetrachloride	7.707	117	22750	6.479	ug/l #	15
49) 1,4-Dioxane	9.225	88	36	2.647	ug/l #	20
76) 1,2,3-Trichloropropane	12.407	75	63556	54.443	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	63556	117.105	ug/l #	16

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

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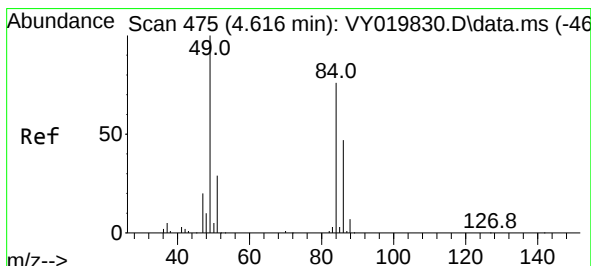
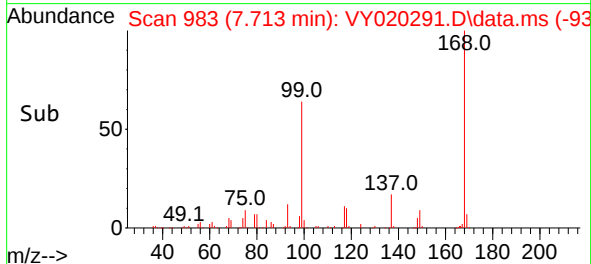
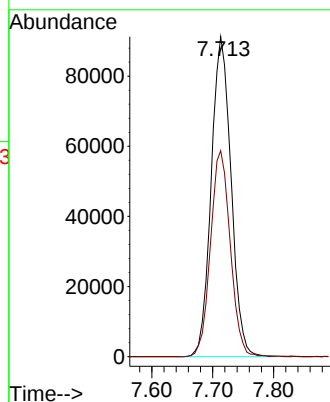
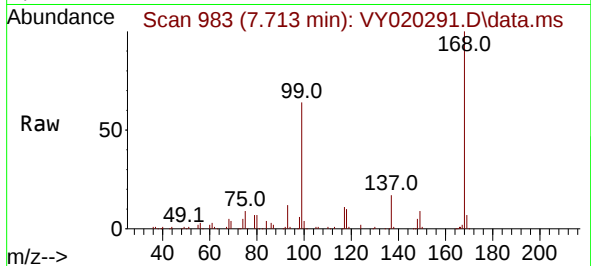




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020291.D
Acq: 13 Nov 2024 18:23

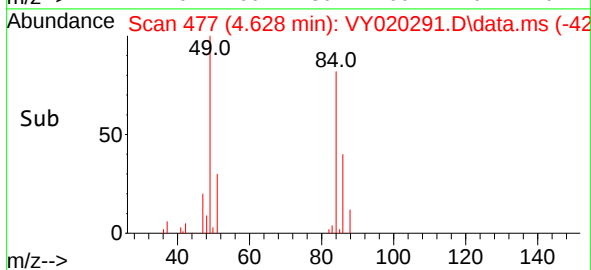
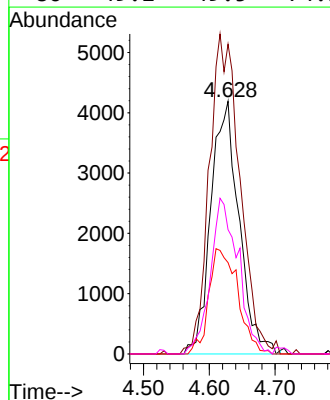
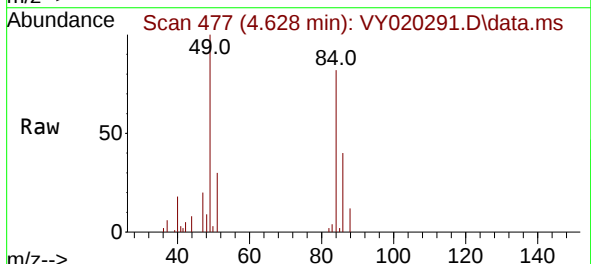
Instrument :
MSVOA_Y
ClientSampleId :

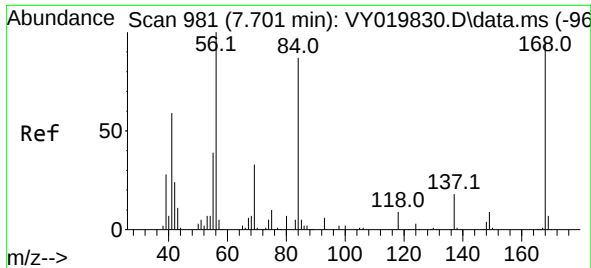
Tgt Ion:168 Resp: 206493
Ion Ratio Lower Upper
168 100
99 64.4 39.1 58.7#



#20
Methylene Chloride
Concen: 4.642 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020291.D
Acq: 13 Nov 2024 18:23

Tgt Ion: 84 Resp: 12499
Ion Ratio Lower Upper
84 100
49 122.7 84.4 126.6
51 36.2 26.0 39.0
86 49.2 49.5 74.3#

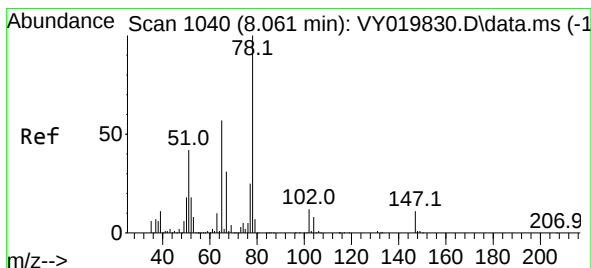
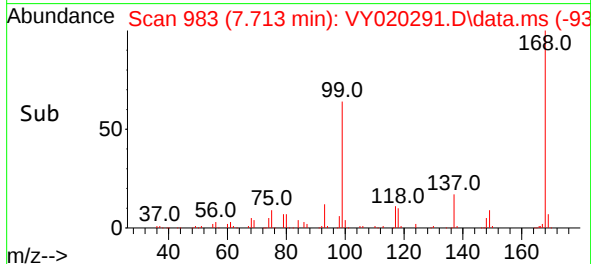
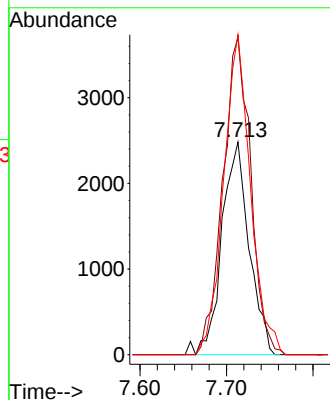
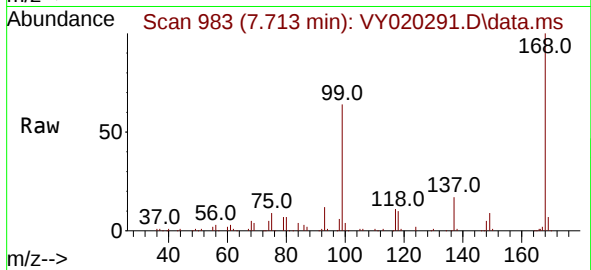




#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020291.D
Acq: 13 Nov 2024 18:23

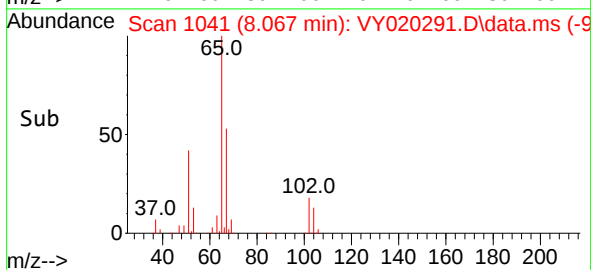
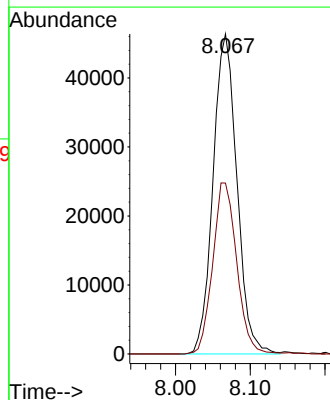
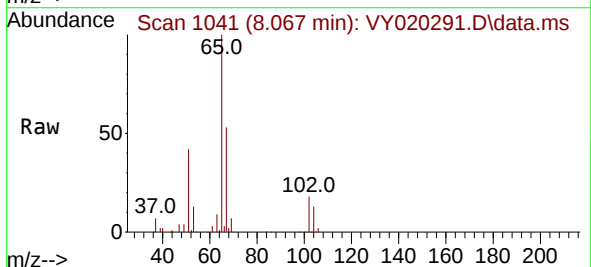
Instrument :
MSVOA_Y
ClientSampleId :

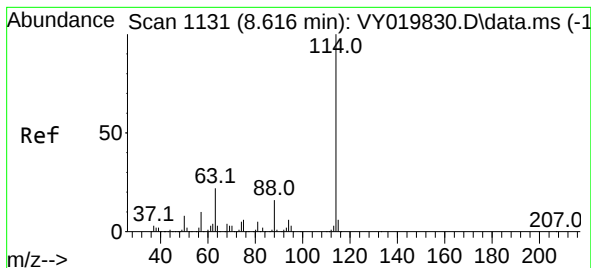
Tgt Ion: 56 Resp: 5455
Ion Ratio Lower Upper
56 100
69 149.2 28.7 43.1#
84 150.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 39.888 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020291.D
Acq: 13 Nov 2024 18:23

Tgt Ion: 65 Resp: 102799
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020291.D

Acq: 13 Nov 2024 18:23

Instrument :

MSVOA_Y

ClientSampleId :

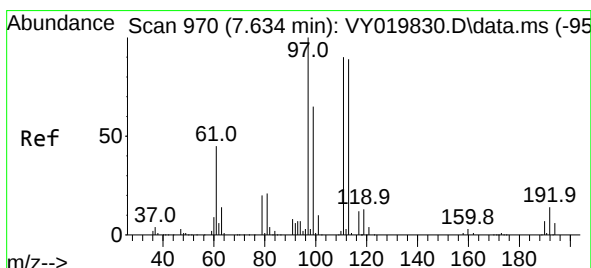
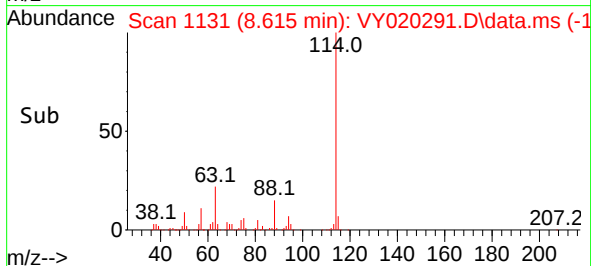
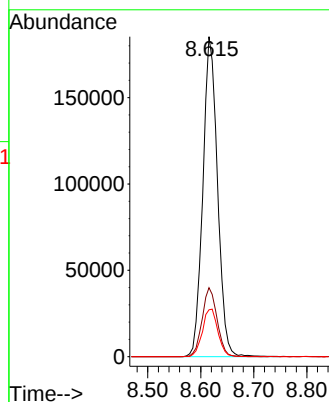
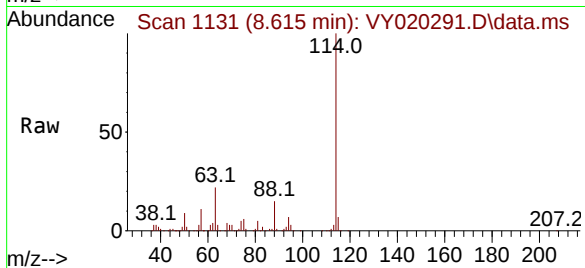
Tgt Ion:114 Resp: 355515

Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 61.593 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020291.D

Acq: 13 Nov 2024 18:23

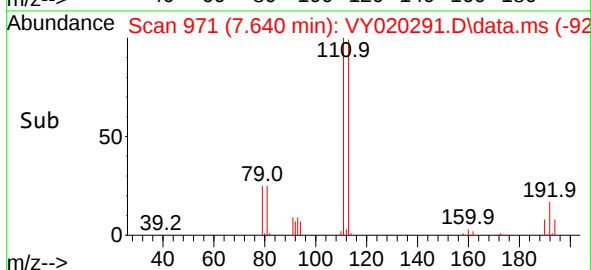
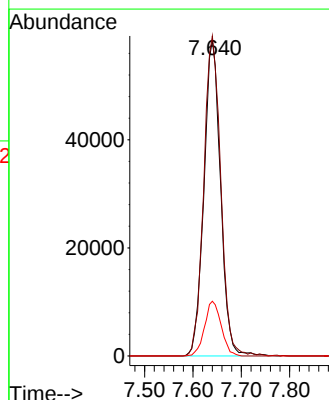
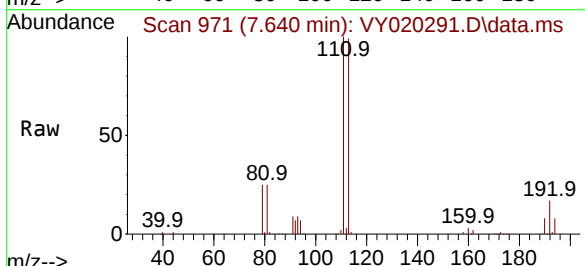
Tgt Ion:113 Resp: 139221

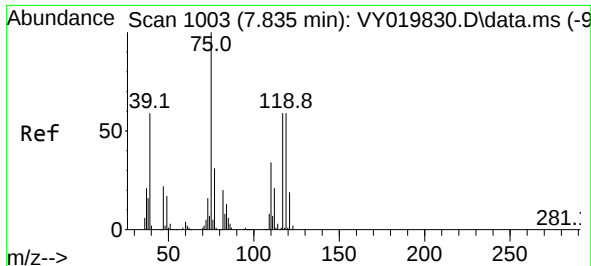
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.573 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

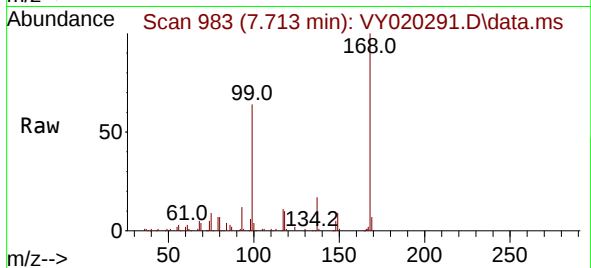
Lab File: VY020291.D

Acq: 13 Nov 2024 18:23

Instrument :

MSVOA_Y

ClientSampleId :



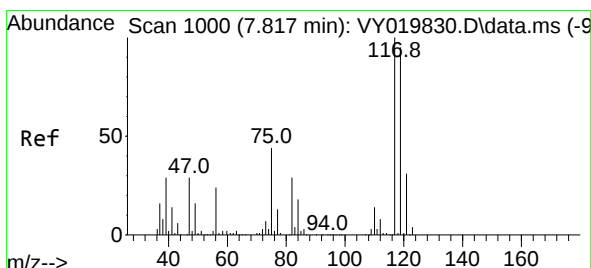
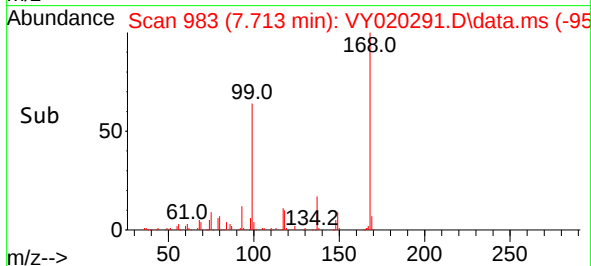
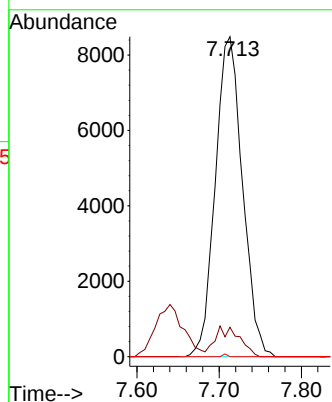
Tgt Ion: 75 Resp: 19460

Ion Ratio Lower Upper

75 100

110 8.5 19.0 57.0#

77 0.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.479 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY020291.D

Acq: 13 Nov 2024 18:23

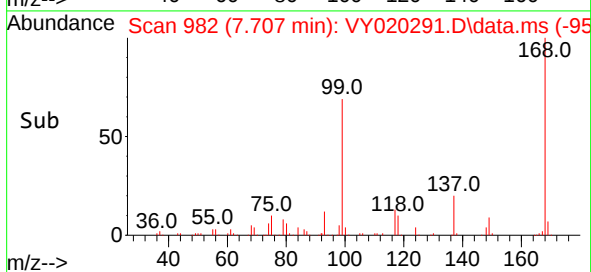
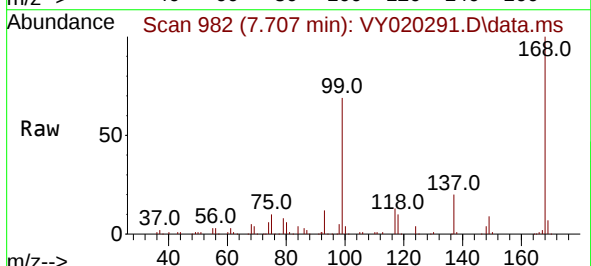
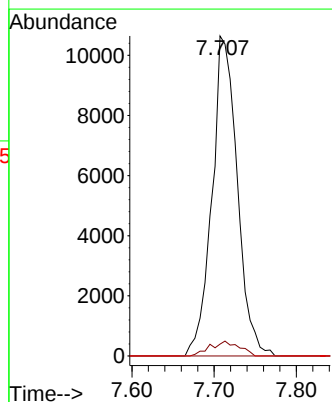
Tgt Ion: 117 Resp: 22750

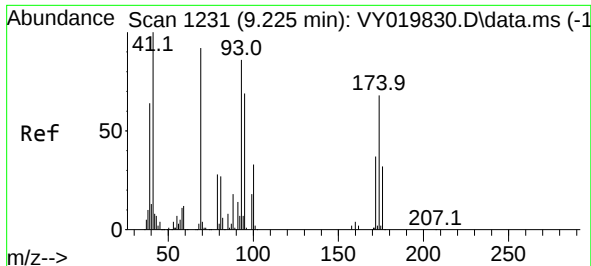
Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.6#

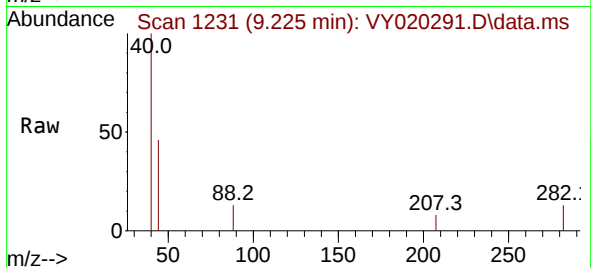
121 0.0 24.0 36.0#



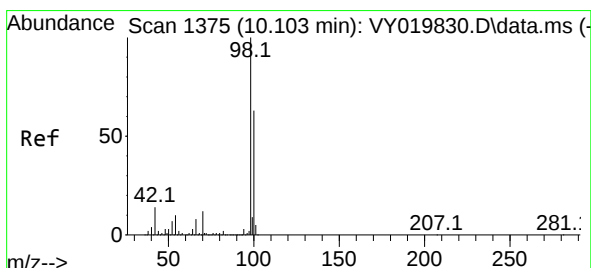
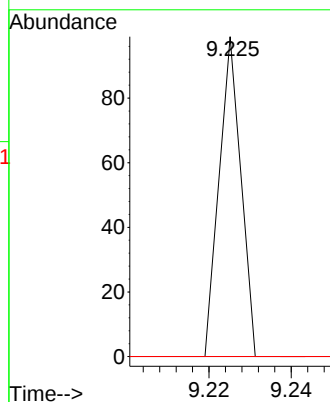
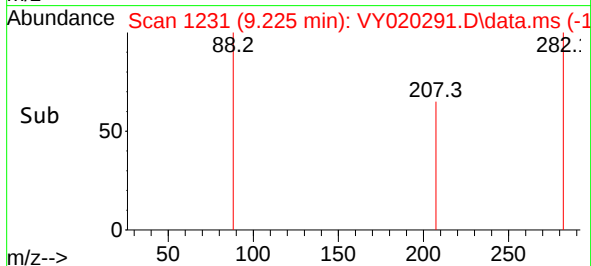


#49
1,4-Dioxane
Concen: 2.647 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020291.D
Acq: 13 Nov 2024 18:23

Instrument :
MSVOA_Y
ClientSampleId :

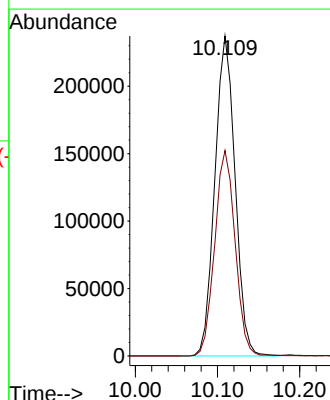
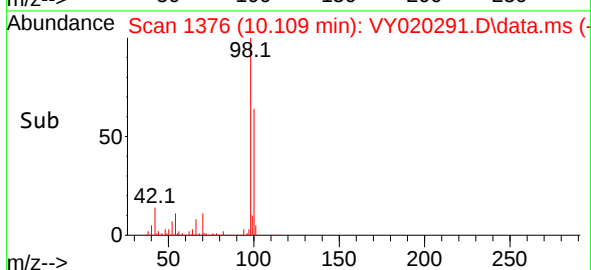
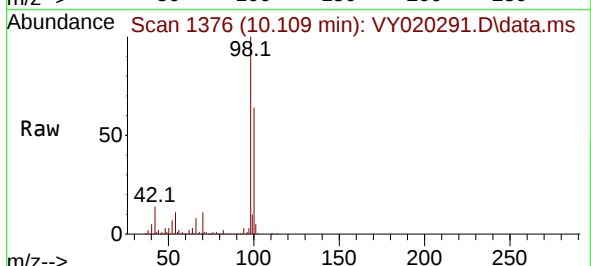


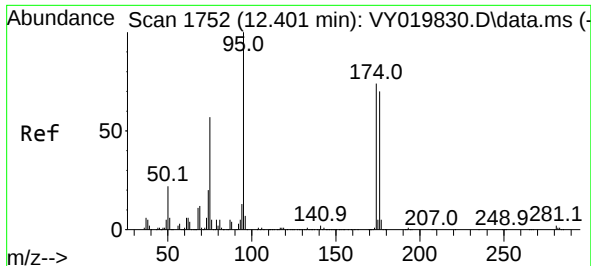
Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 45.108 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020291.D
Acq: 13 Nov 2024 18:23

Tgt Ion: 98 Resp: 405849
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

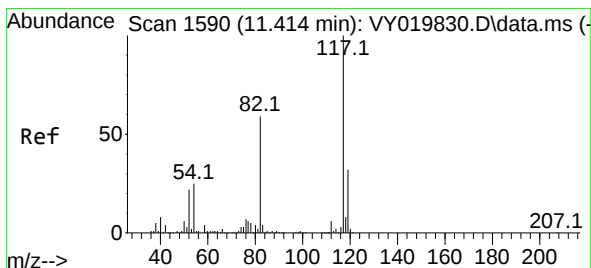
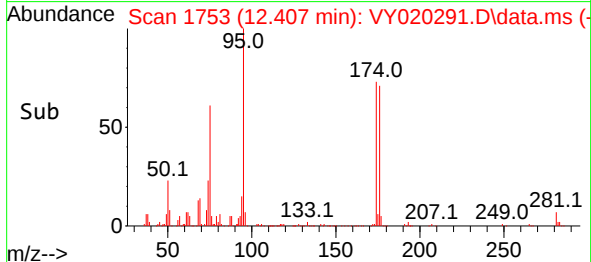
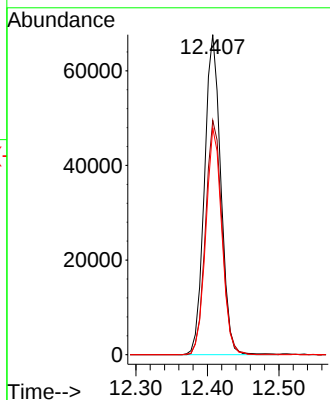
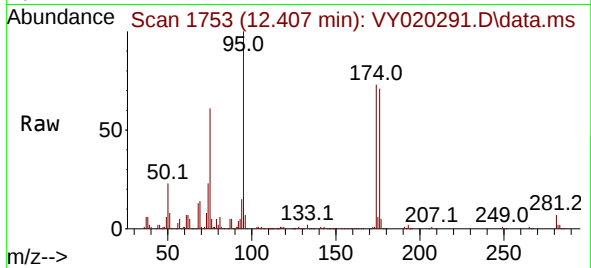




#62
4-Bromofluorobenzene
Concen: 36.679 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020291.D
Acq: 13 Nov 2024 18:23

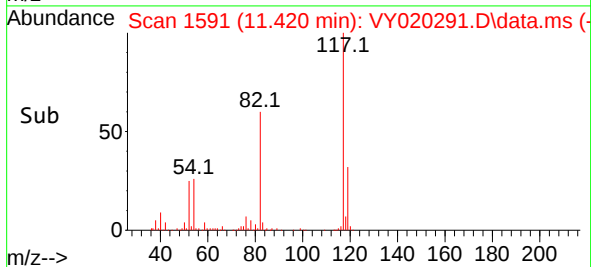
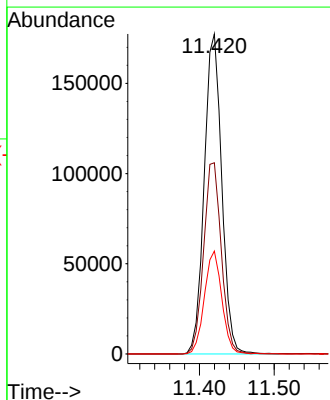
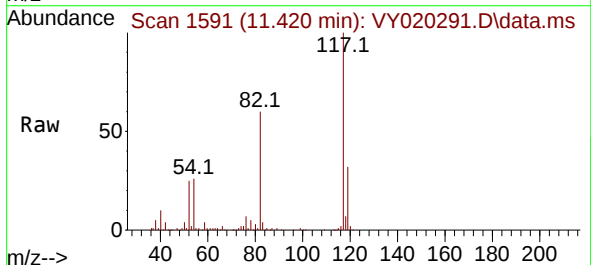
Instrument :
MSVOA_Y
ClientSampleId :

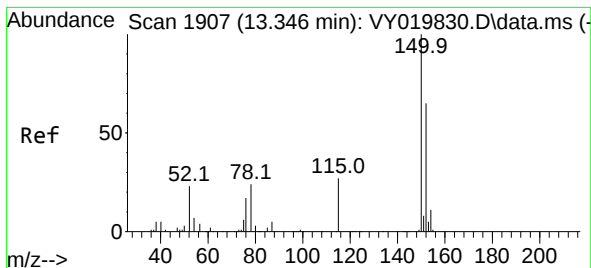
Tgt Ion: 95 Resp: 107192
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 69.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020291.D
Acq: 13 Nov 2024 18:23

Tgt Ion: 117 Resp: 288337
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020291.D

Acq: 13 Nov 2024 18:23

Instrument :

MSVOA_Y

ClientSampleId :

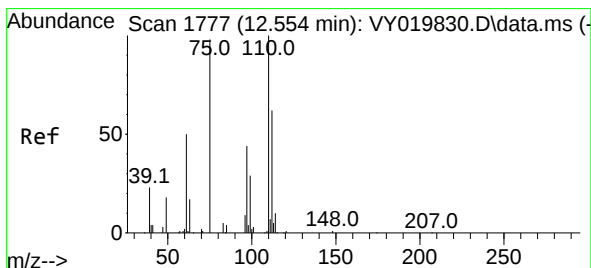
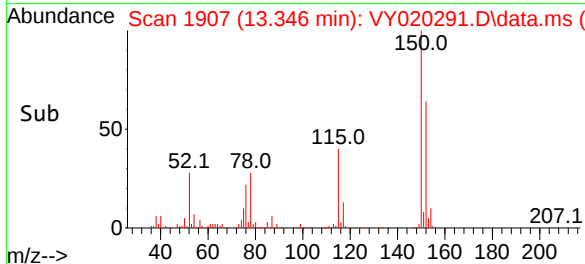
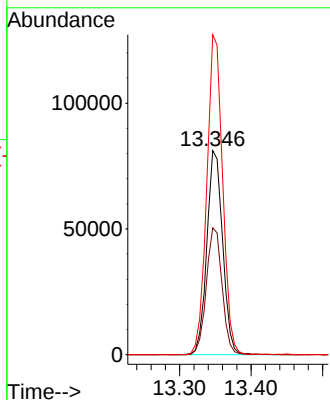
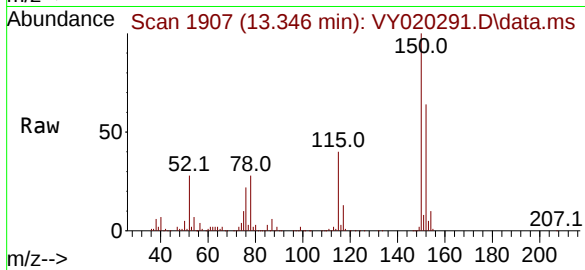
Tgt Ion:152 Resp: 124535

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 156.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 54.443 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020291.D

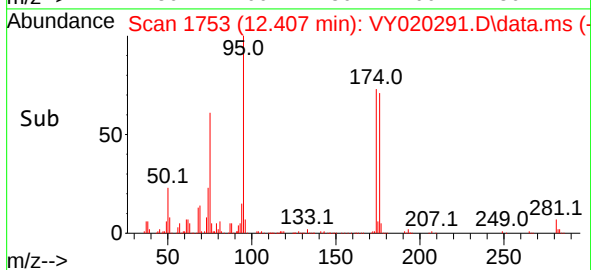
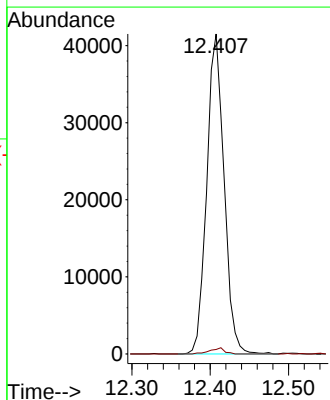
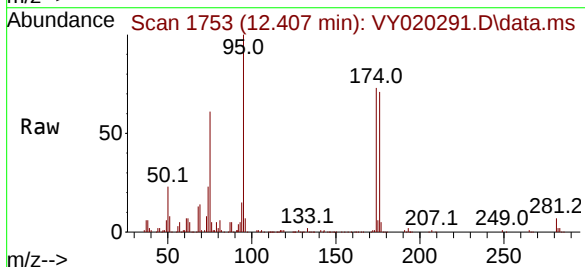
Acq: 13 Nov 2024 18:23

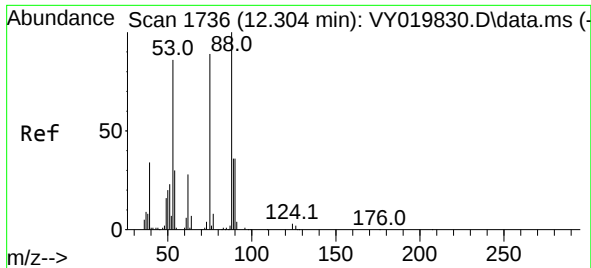
Tgt Ion: 75 Resp: 63556

Ion Ratio Lower Upper

75 100

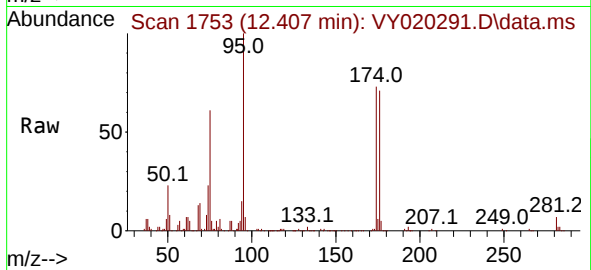
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.105 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020291.D
 Acq: 13 Nov 2024 18:23

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.4	35.8	53.6#

