

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020288.D
 Acq On : 13 Nov 2024 17:12
 Operator : SY/MD
 Sample : P4822-03
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 01:00:28 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)

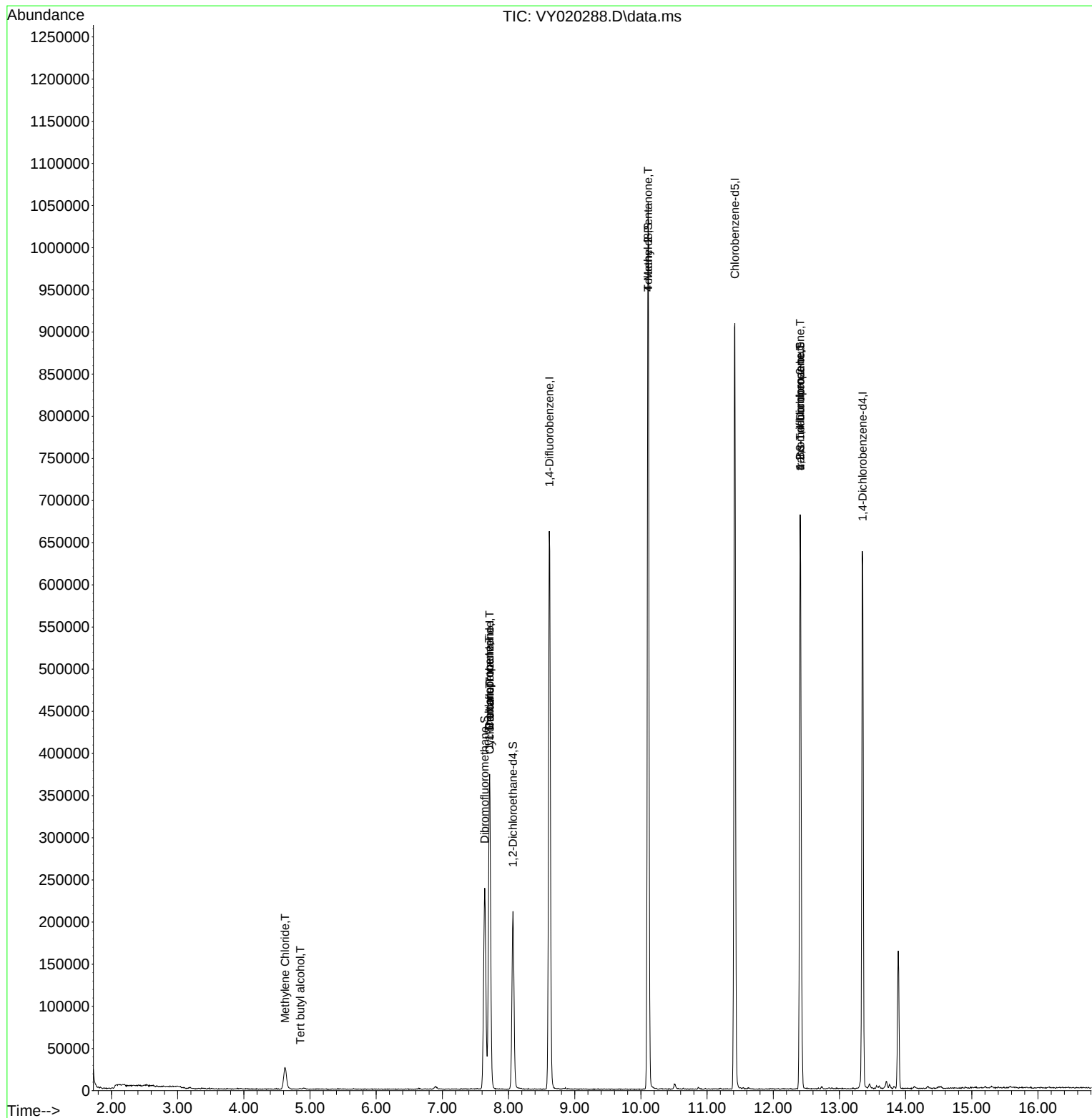
Internal Standards						
1) Pentafluorobenzene	7.713	168	264987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	538681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	472561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	152978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163127	49.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.640	113	169064	49.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.109	98	660885	48.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.408	95	188805	42.638	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	413	1.736	ug/l #	88
20) Methylene Chloride	4.622	84	18627	5.391	ug/l #	74
31) Cyclohexane	7.719	56	7244	1.207	ug/l #	53
36) 1,1-Dichloropropene	7.707	75	25613	4.841	ug/l #	48
38) Carbon Tetrachloride	7.713	117	30410	5.716	ug/l #	18
51) 4-Methyl-2-Pentanone	10.109	43	3565	1.426	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	108276	75.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	108276	162.410	ug/l #	16

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

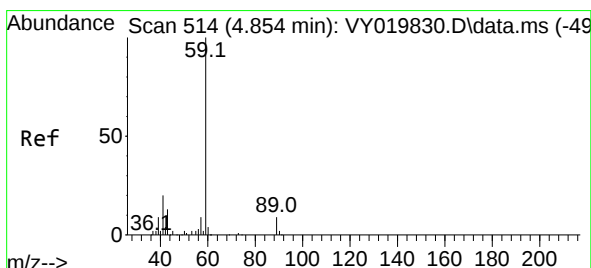
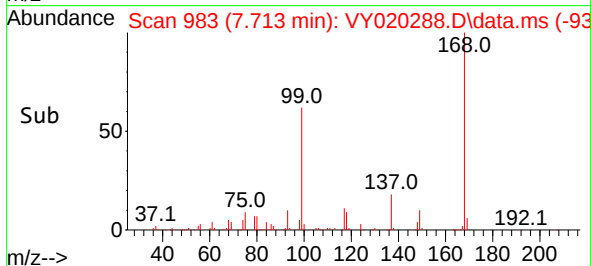
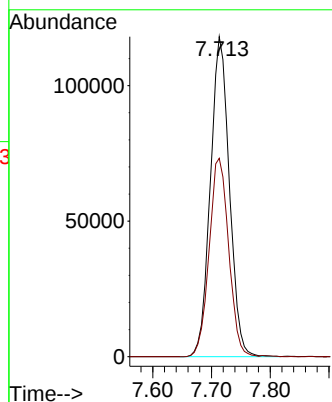
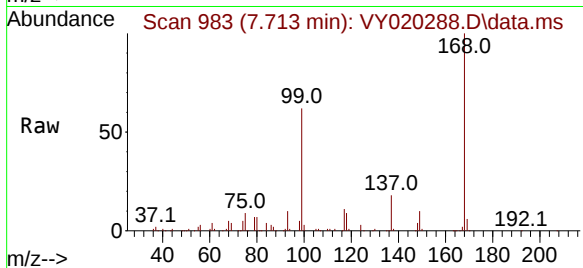




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

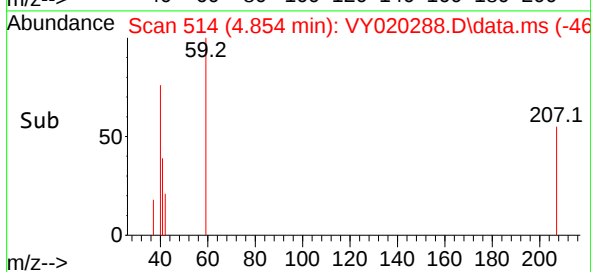
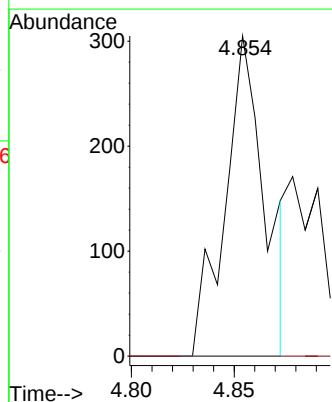
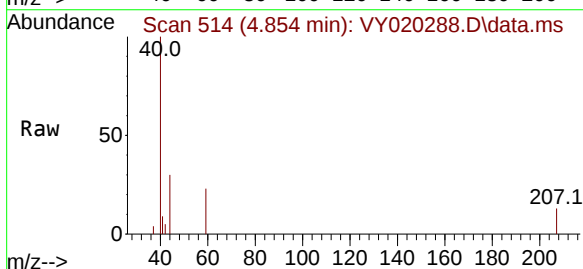
Instrument :
MSVOA_Y
ClientSampleId :

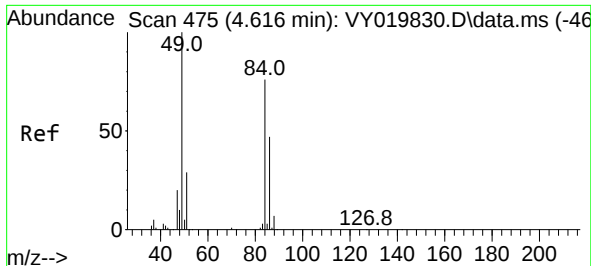
Tgt Ion:168 Resp: 264987
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.736 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

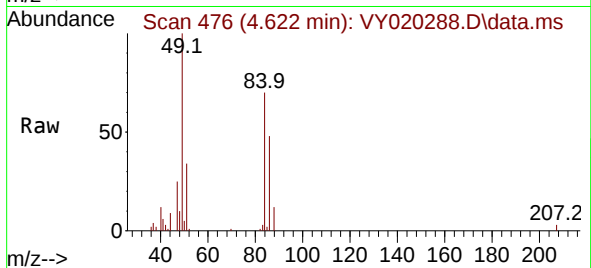
Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



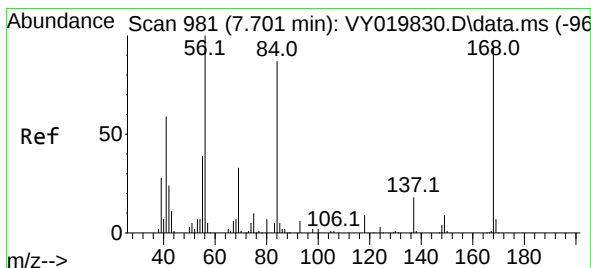
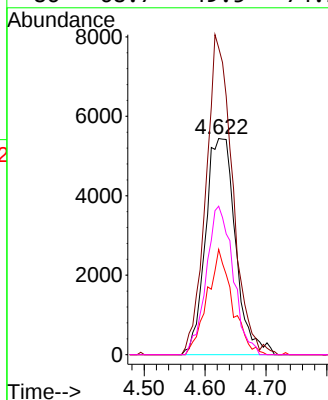
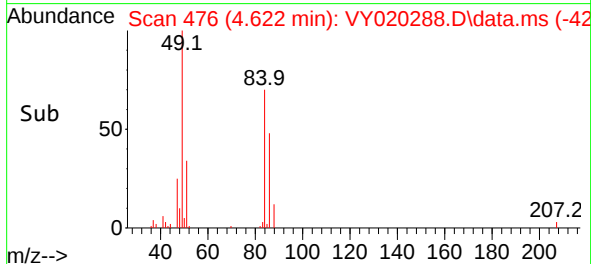


#20
Methylene Chloride
Concen: 5.391 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

Instrument :
MSVOA_Y
ClientSampleId :

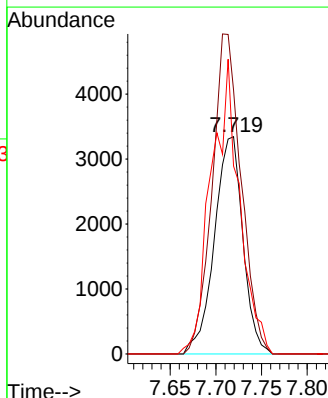
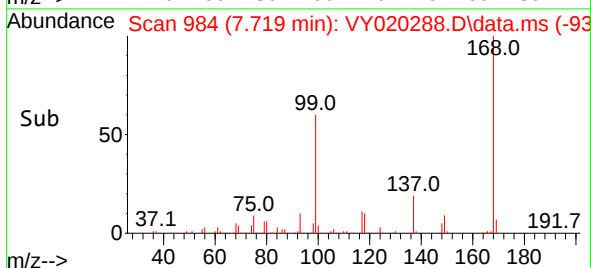
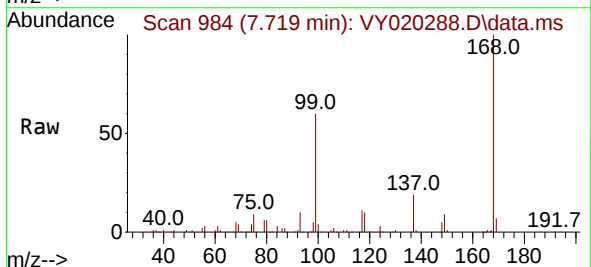


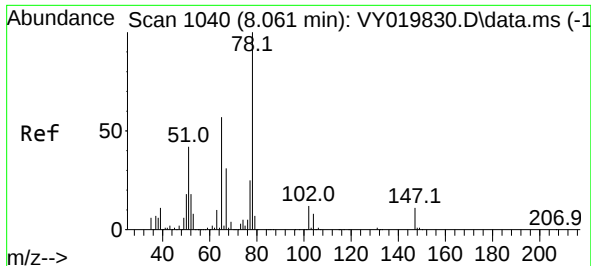
Tgt Ion:	84	Resp:	18627
Ion	Ratio	Lower	Upper
84	100		
49	142.0	84.4	126.6#
51	48.7	26.0	39.0#
86	68.7	49.5	74.3



#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.019 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

Tgt Ion:	56	Resp:	7244
Ion	Ratio	Lower	Upper
56	100		
69	121.5	28.7	43.1#
84	86.5	77.7	116.5

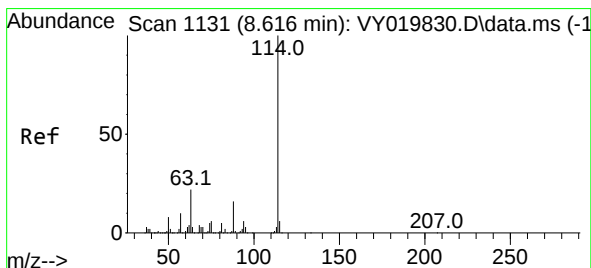
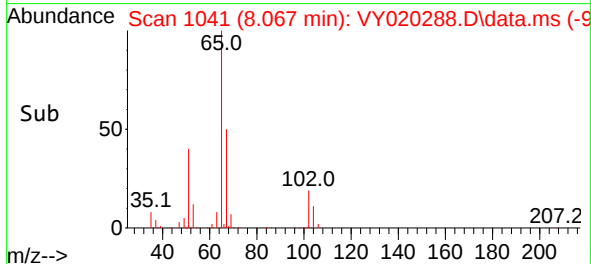
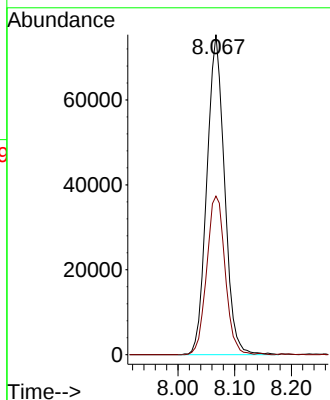
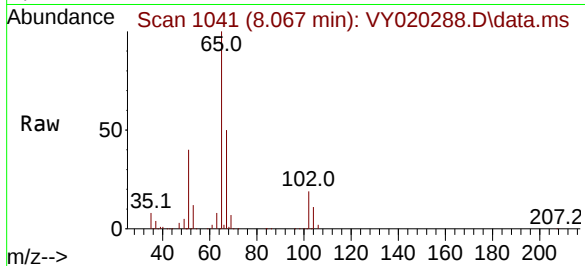




#33
 1,2-Dichloroethane-d4
 Concen: 49.325 ug/l
 RT: 8.067 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY020288.D
 Acq: 13 Nov 2024 17:12

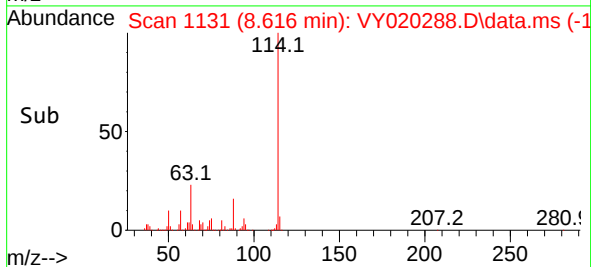
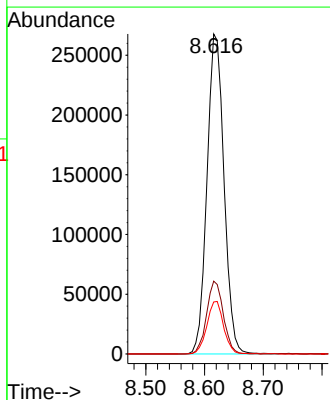
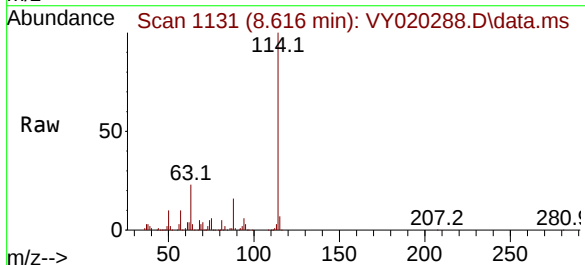
Instrument :
 MSVOA_Y
 ClientSampleId :

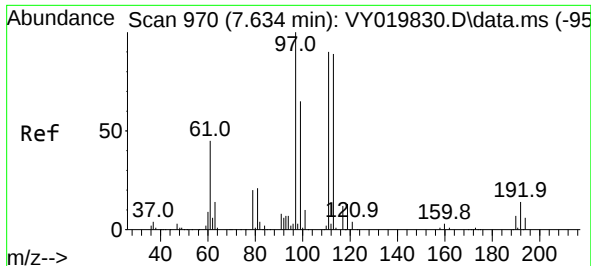
Tgt Ion: 65 Resp: 163127
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020288.D
 Acq: 13 Nov 2024 17:12

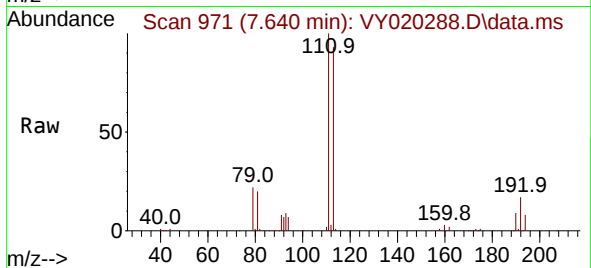
Tgt Ion: 114 Resp: 538681
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 35.0
 88 16.3 0.0 27.2



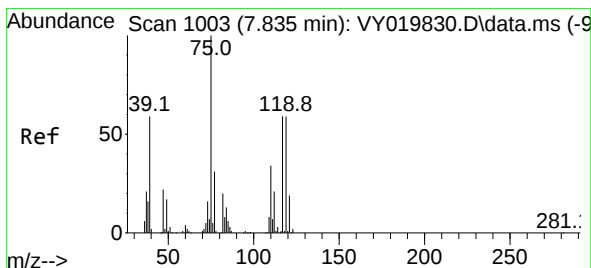
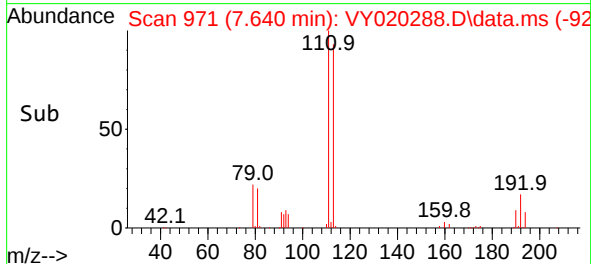
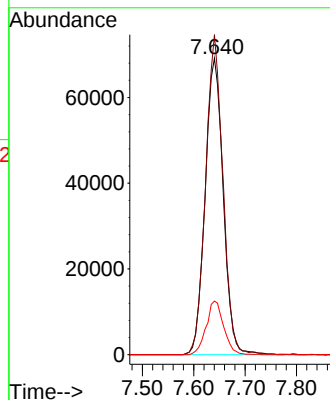


#35
Dibromofluoromethane
Concen: 49.363 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

Instrument :
MSVOA_Y
ClientSampleId :

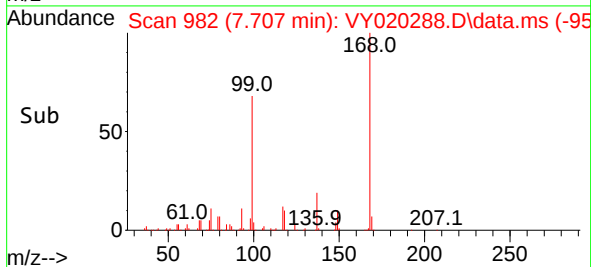
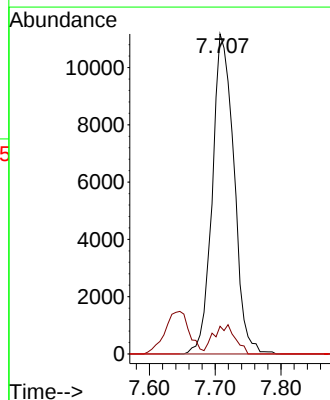
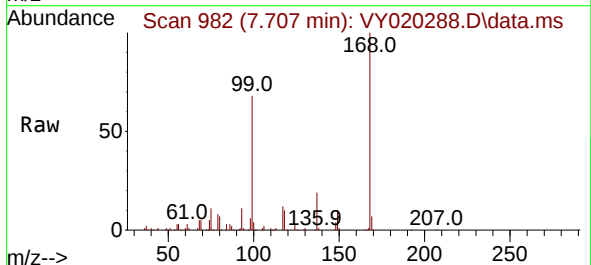


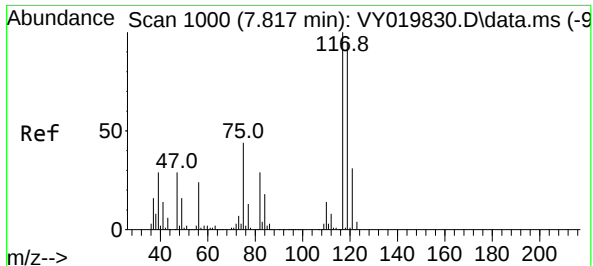
Tgt Ion:113 Resp: 169064
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.841 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

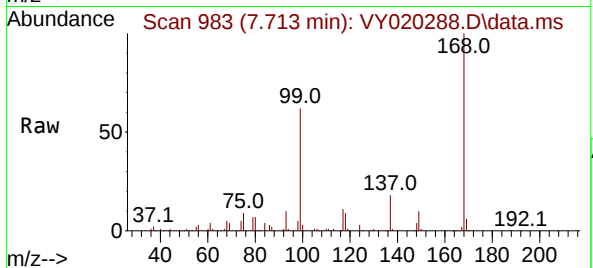
Tgt Ion: 75 Resp: 25613
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



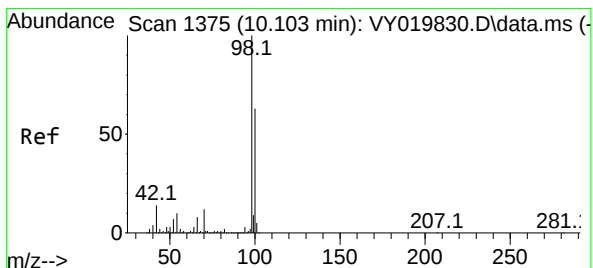
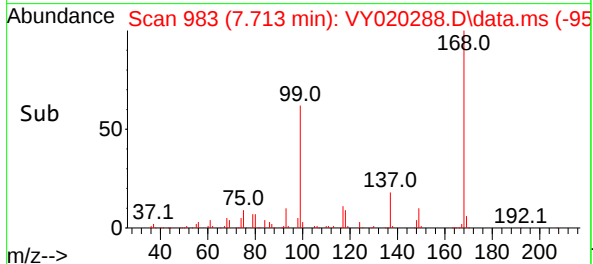
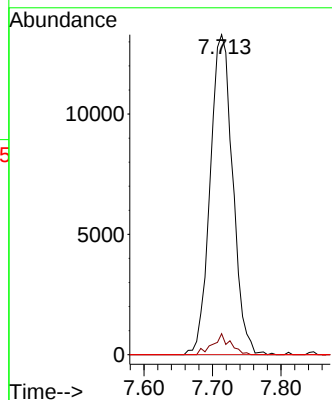


#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

Instrument :
MSVOA_Y
ClientSampleId :

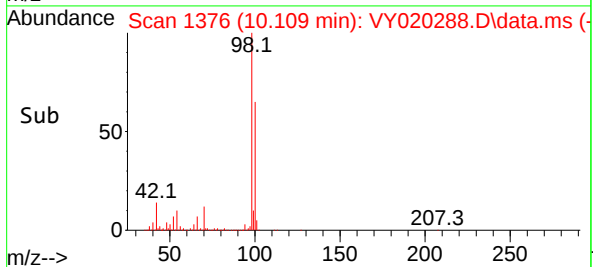
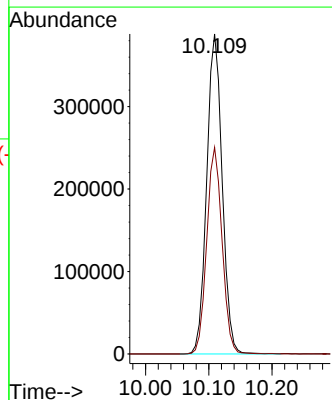
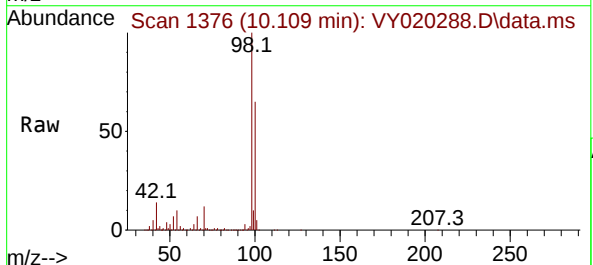


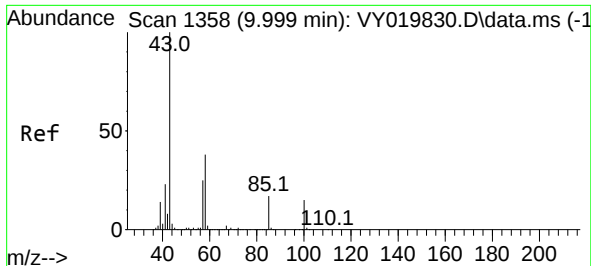
Tgt Ion:117 Resp: 30410
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.478 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

Tgt Ion: 98 Resp: 660885
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.426 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.110 min

Lab File: VY020288.D

Acq: 13 Nov 2024 17:12

Instrument :

MSVOA_Y

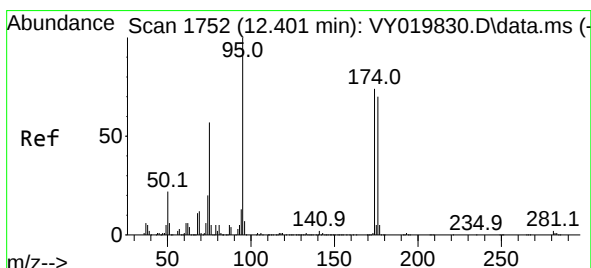
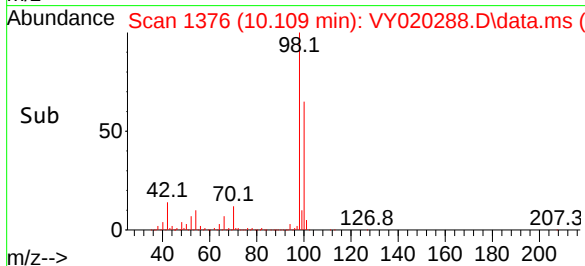
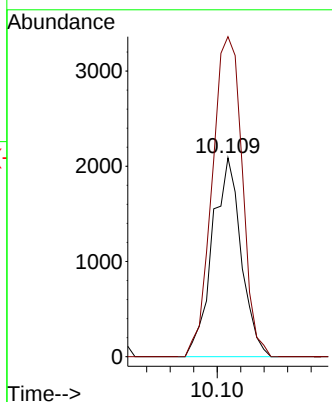
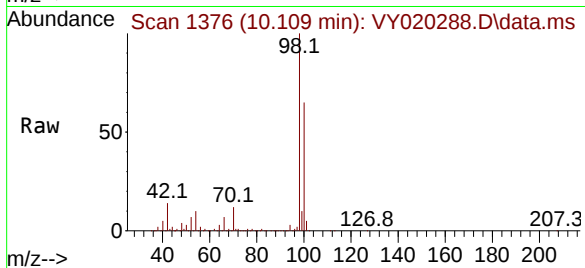
ClientSampleId :

Tgt Ion: 43 Resp: 3565

Ion Ratio Lower Upper

43 100

58 167.6 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 42.638 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020288.D

Acq: 13 Nov 2024 17:12

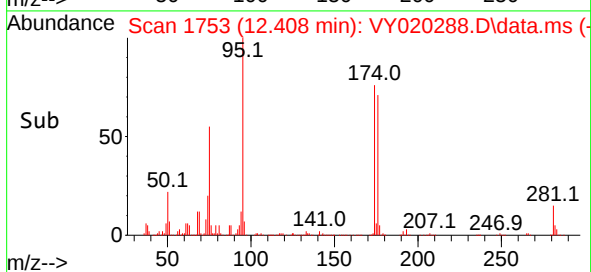
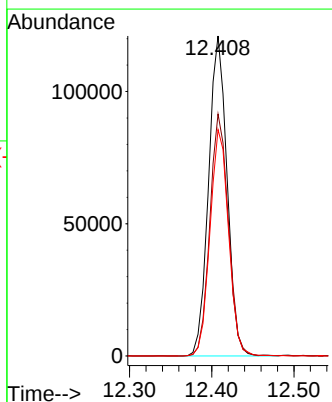
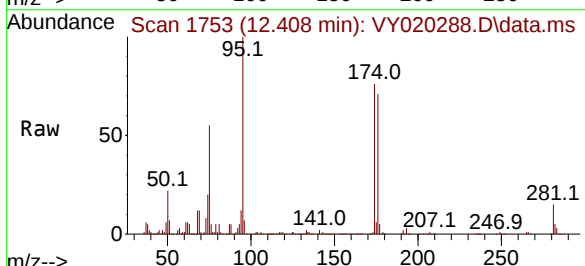
Tgt Ion: 95 Resp: 188805

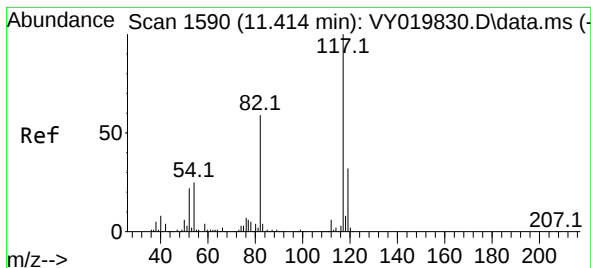
Ion Ratio Lower Upper

95 100

174 76.0 0.0 175.6

176 71.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020288.D

Acq: 13 Nov 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

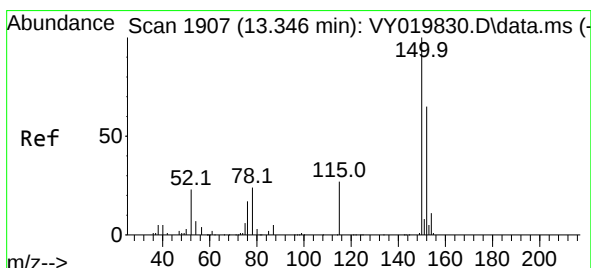
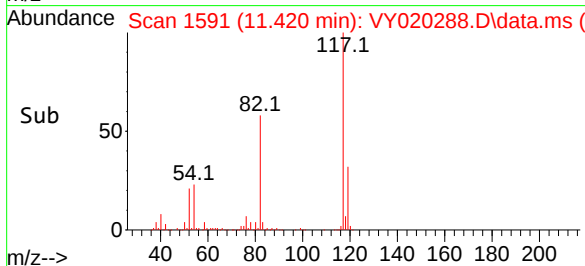
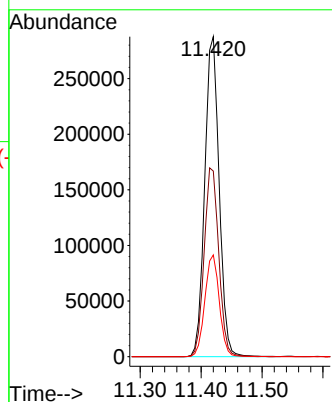
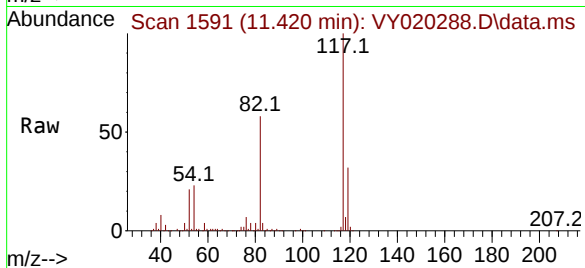
Tgt Ion:117 Resp: 472561

Ion Ratio Lower Upper

117 100

82 58.0 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020288.D

Acq: 13 Nov 2024 17:12

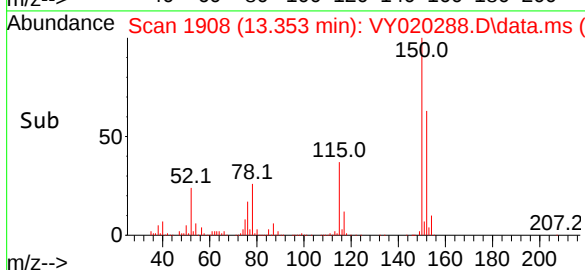
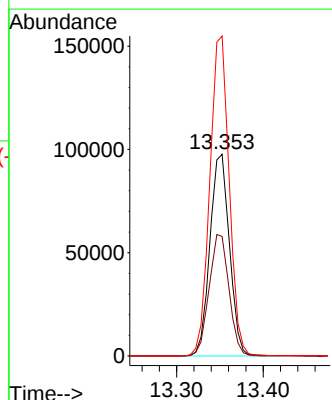
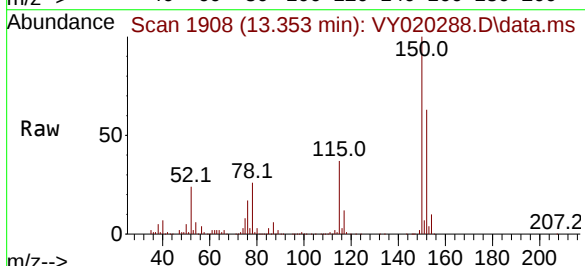
Tgt Ion:152 Resp: 152978

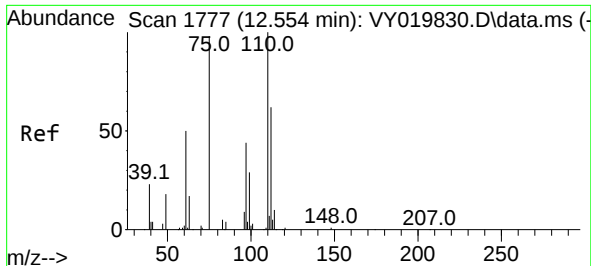
Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 157.3 0.0 345.6

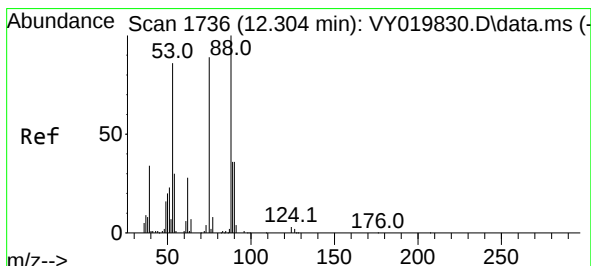
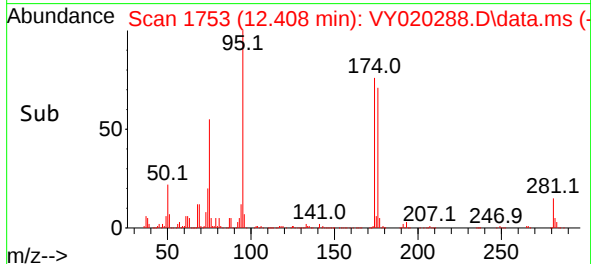
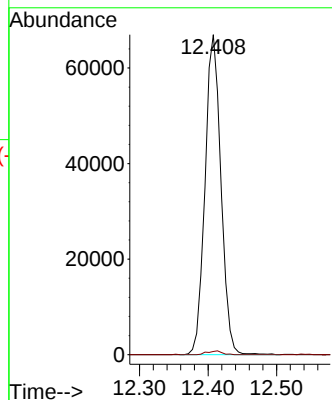
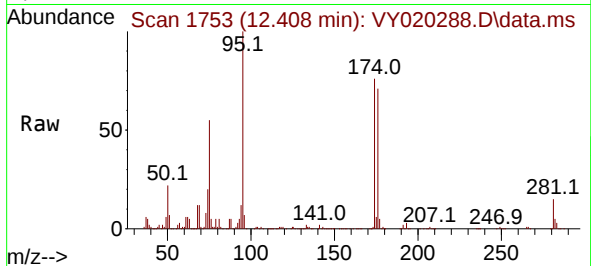




#76
1,2,3-Trichloropropane
Concen: 75.506 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 108276
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 162.410 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020288.D
Acq: 13 Nov 2024 17:12

Tgt Ion: 75 Resp: 108276
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.6 35.8 53.6#

