

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020368.D
 Acq On : 20 Nov 2024 18:35
 Operator : SY/MD
 Sample : P4860-03
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:52:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

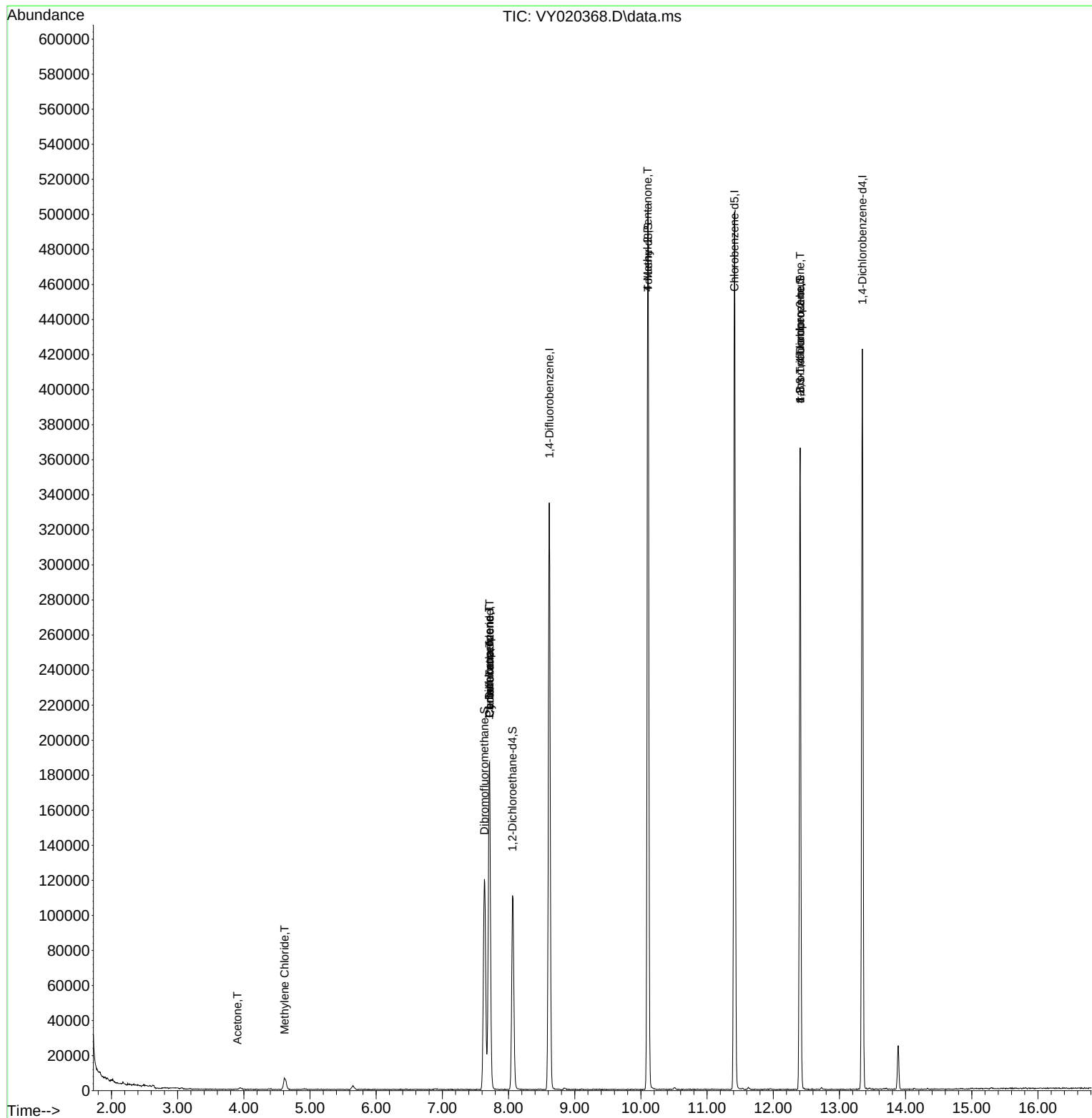
Internal Standards						
1) Pentafluorobenzene	7.713	168	137679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	269671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	257307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	102362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92673	58.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.180%
35) Dibromofluoromethane	7.634	113	86578	50.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.140%
50) Toluene-d8	10.109	98	333450	48.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.408	95	113373	51.775	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.540%
Target Compounds						
						Qvalue
3) Chloromethane	2.080	50	123	Below Cal	#	41
16) Acetone	3.903	43	654	1.725	ug/l #	43
20) Methylene Chloride	4.616	84	4613	2.873	ug/l #	93
31) Cyclohexane	7.713	56	3362	1.140	ug/l #	10
36) 1,1-Dichloropropene	7.707	75	12425	4.704	ug/l #	50
38) Carbon Tetrachloride	7.713	117	14944	5.419	ug/l #	14
51) 4-Methyl-2-Pentanone	10.103	43	1589	1.331	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	63539	65.858	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	63539	129.045	ug/l #	9

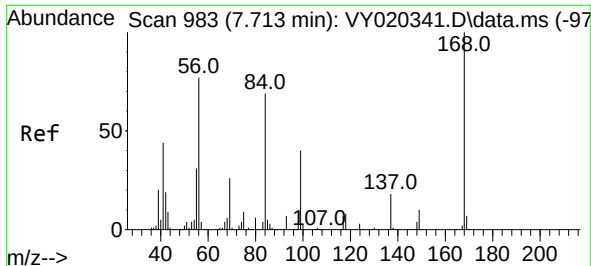
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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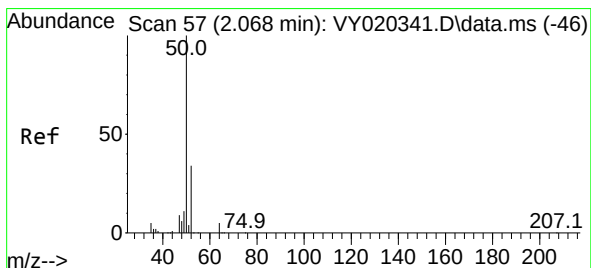
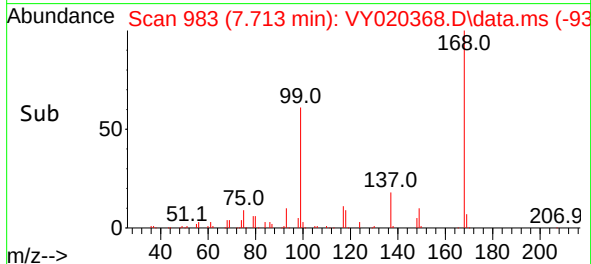
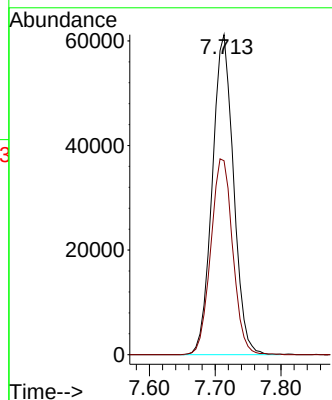
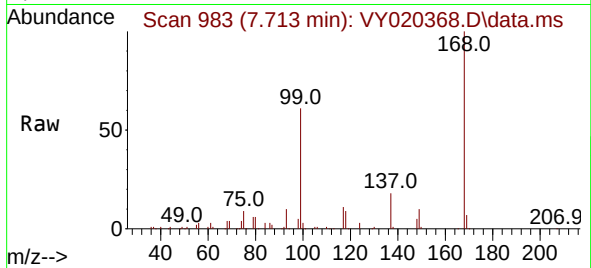




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

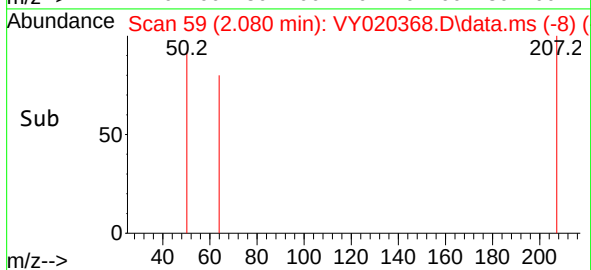
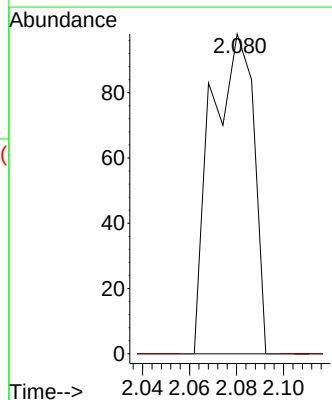
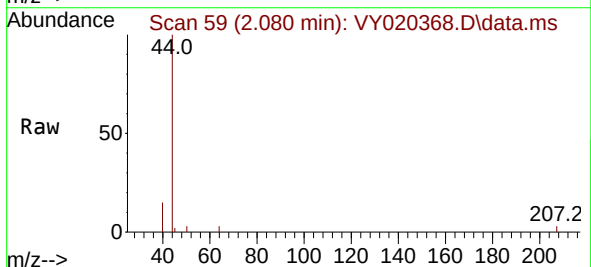
Instrument :
MSVOA_Y
ClientSampleId :

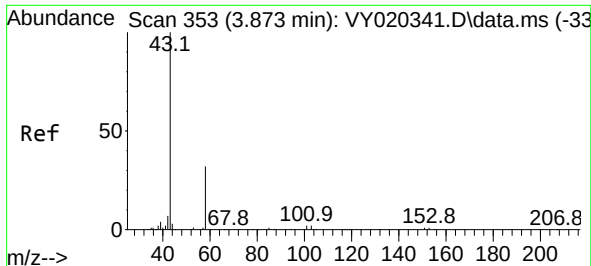
Tgt Ion:168 Resp: 137679
Ion Ratio Lower Upper
168 100
99 60.6 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

Tgt Ion: 50 Resp: 123
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#16

Acetone

Concen: 1.725 ug/l

RT: 3.903 min Scan# 3

Delta R.T. 0.030 min

Lab File: VY020368.D

Acq: 20 Nov 2024 18:35

Instrument :

MSVOA_Y

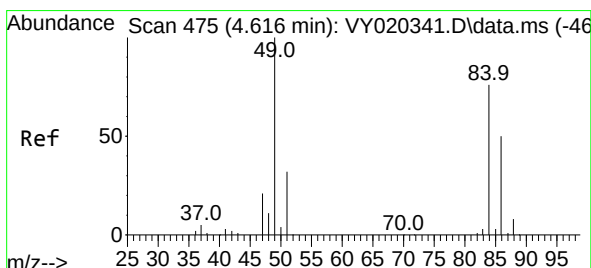
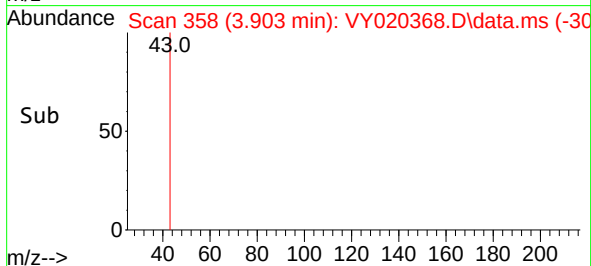
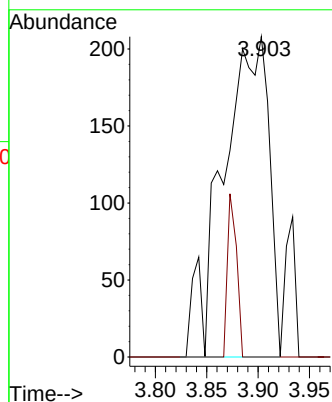
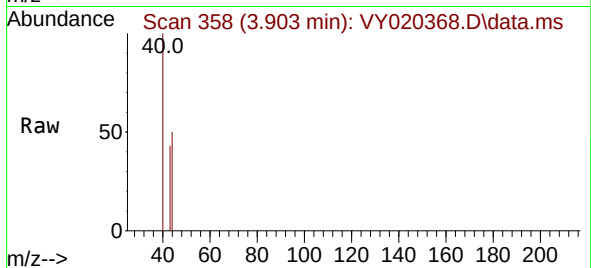
ClientSampleId :

Tgt Ion: 43 Resp: 654

Ion Ratio Lower Upper

43 100

58 0.0 25.7 38.5#



#20

Methylene Chloride

Concen: 2.873 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY020368.D

Acq: 20 Nov 2024 18:35

Tgt Ion: 84 Resp: 4613

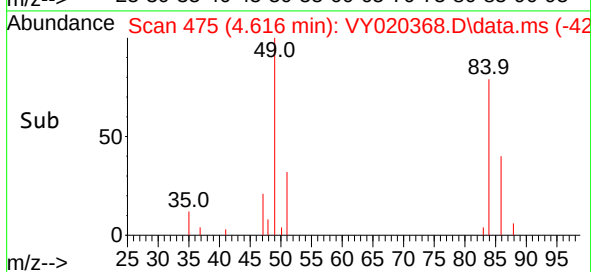
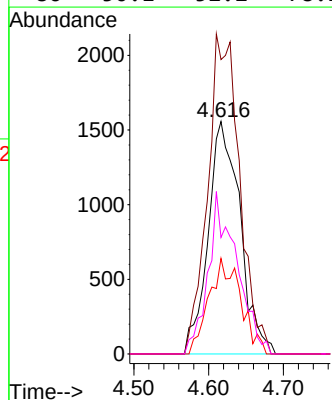
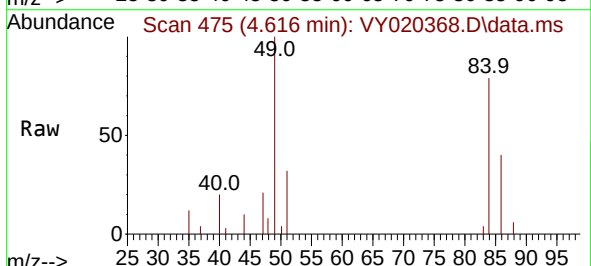
Ion Ratio Lower Upper

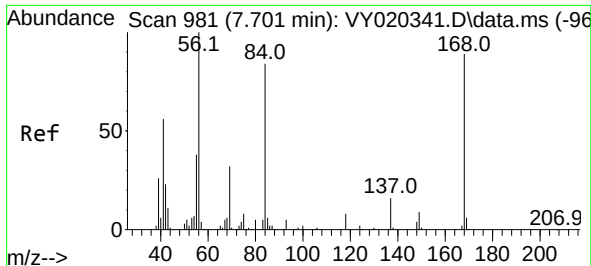
84 100

49 126.7 104.7 157.1

51 41.1 33.4 50.0

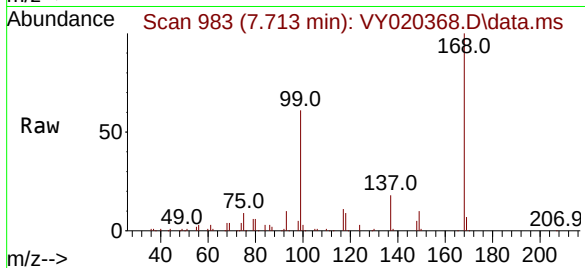
86 50.1 52.2 78.2#



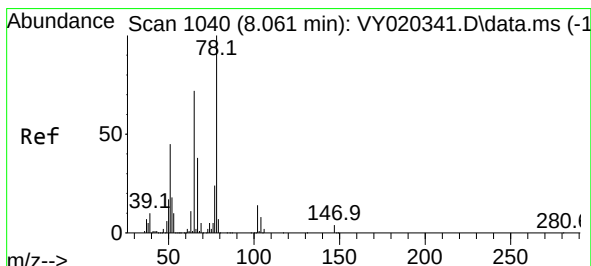
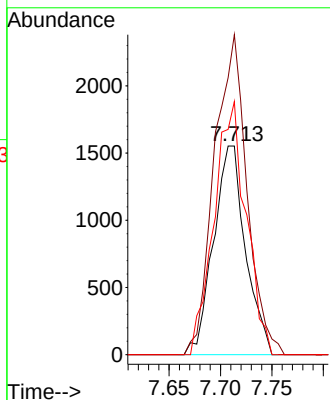
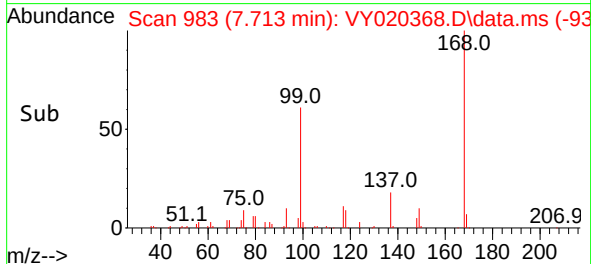


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

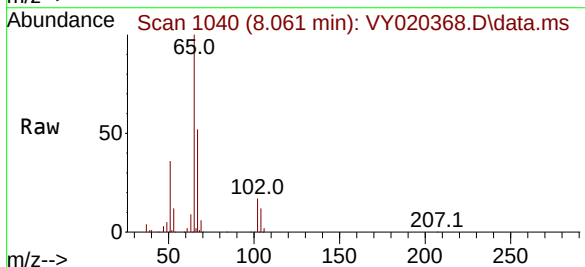
Instrument :
MSVOA_Y
ClientSampleId :



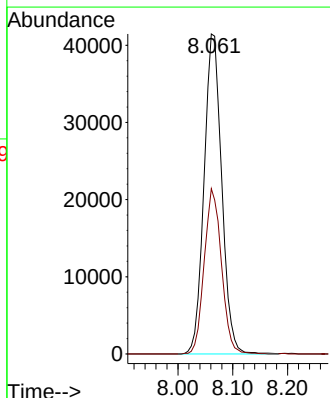
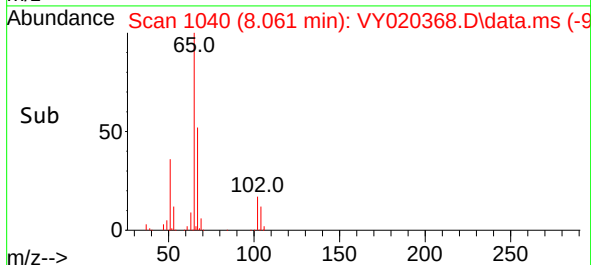
Tgt Ion: 56 Resp: 3362
Ion Ratio Lower Upper
56 100
69 153.3 25.3 37.9#
84 121.2 66.9 100.3#

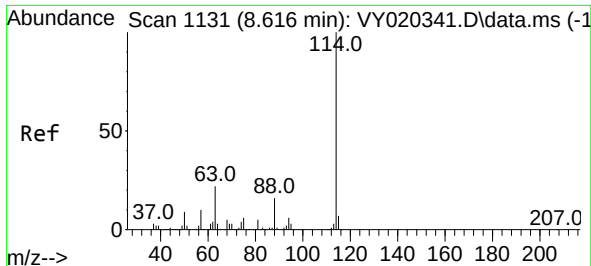


#33
1,2-Dichloroethane-d4
Concen: 58.588 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35



Tgt Ion: 65 Resp: 92673
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020368.D

Acq: 20 Nov 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

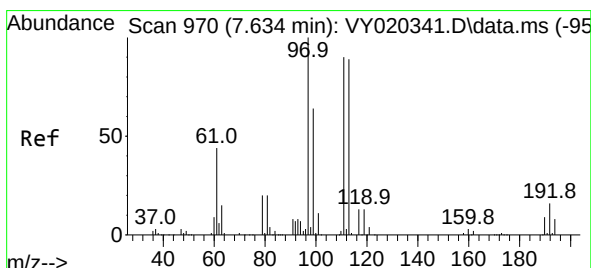
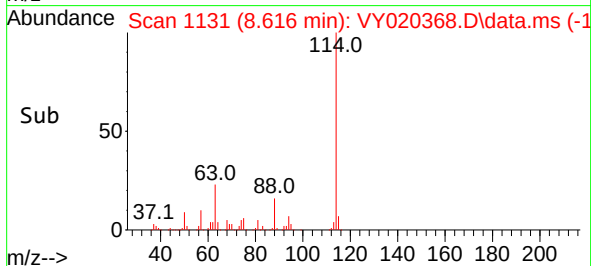
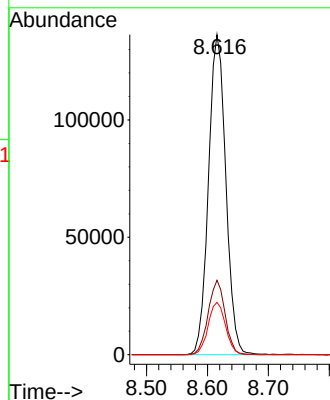
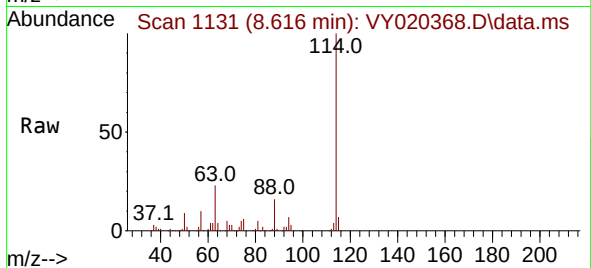
Tgt Ion:114 Resp: 269671

Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.8

88 16.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.068 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020368.D

Acq: 20 Nov 2024 18:35

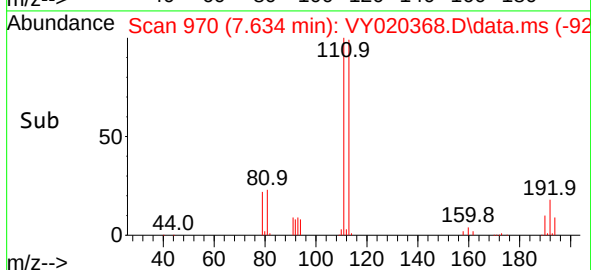
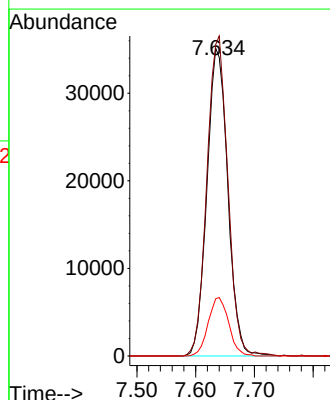
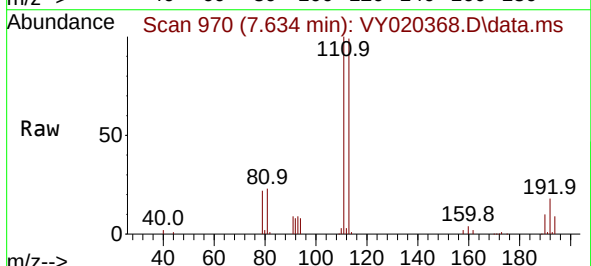
Tgt Ion:113 Resp: 86578

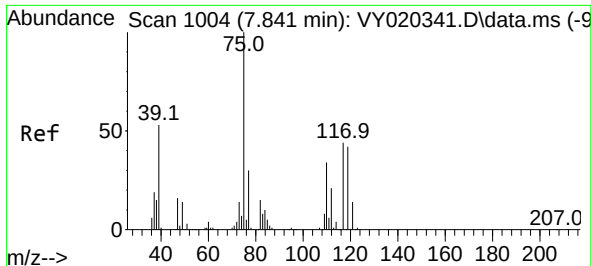
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

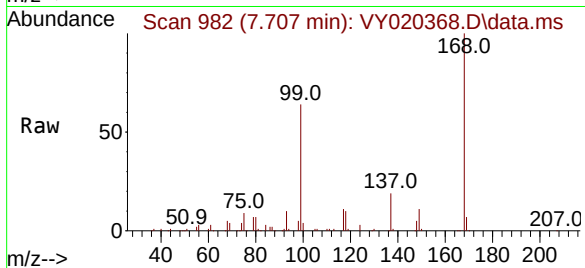
192 18.7 15.1 22.7



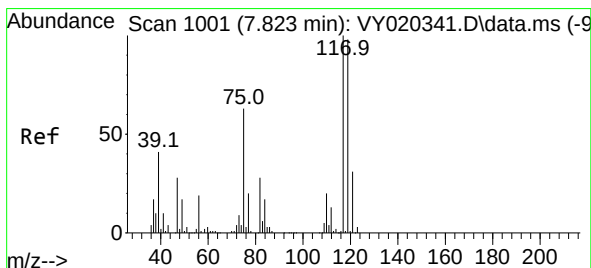
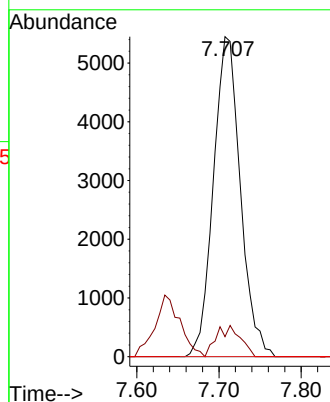
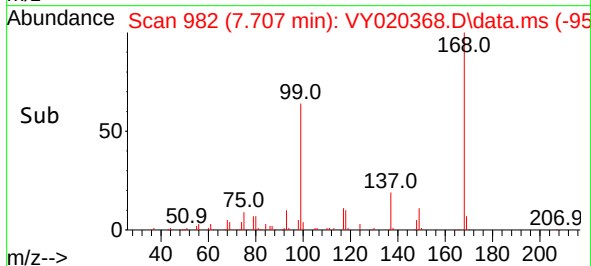


#36
 1,1-Dichloropropene
 Concen: 4.704 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY020368.D
 Acq: 20 Nov 2024 18:35

Instrument :
 MSVOA_Y
 ClientSampleId :

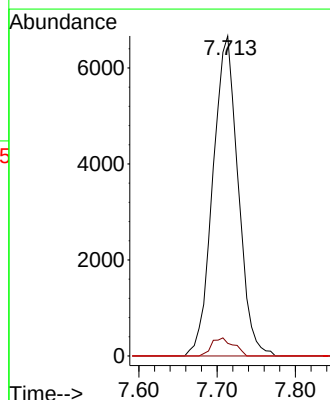
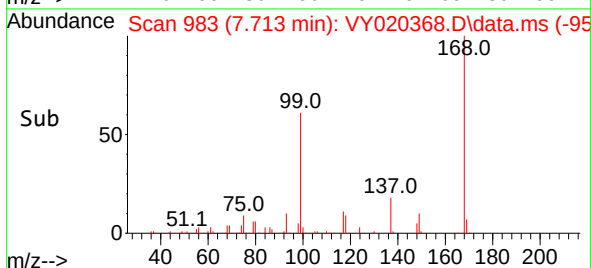
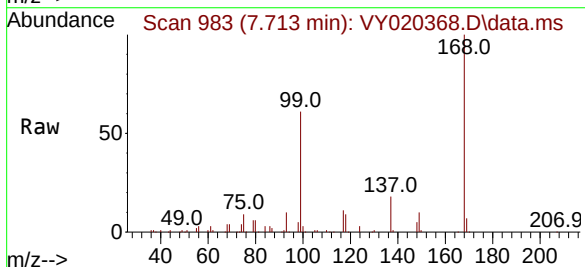


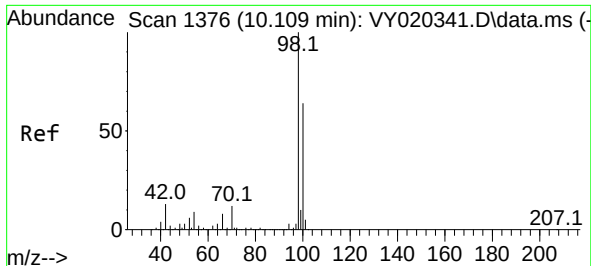
Tgt Ion: 75 Resp: 12425
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.7 50.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.419 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. -0.110 min
 Lab File: VY020368.D
 Acq: 20 Nov 2024 18:35

Tgt Ion: 117 Resp: 14944
 Ion Ratio Lower Upper
 117 100
 119 3.9 77.8 116.6#
 121 0.0 24.6 37.0#

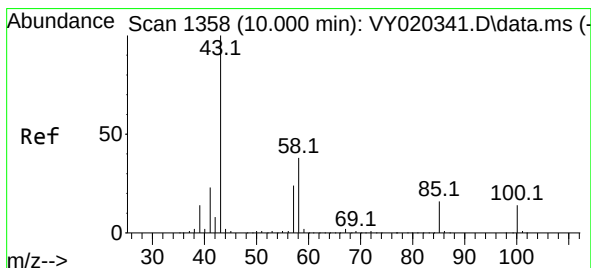
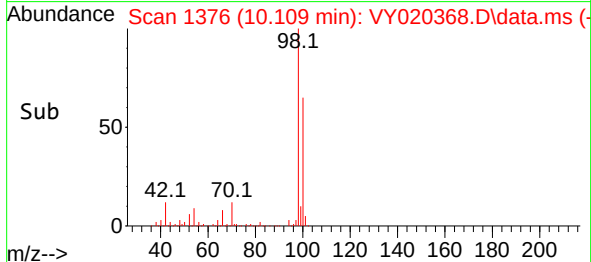
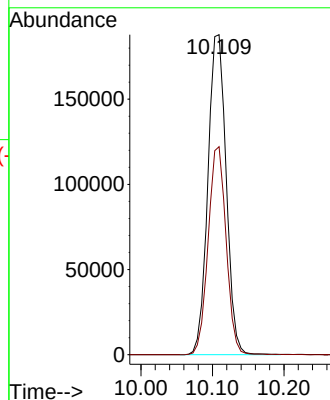
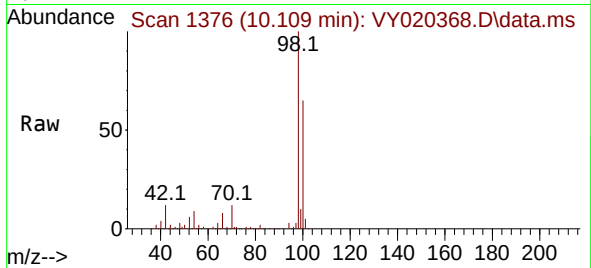




#50
Toluene-d8
Concen: 48.952 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

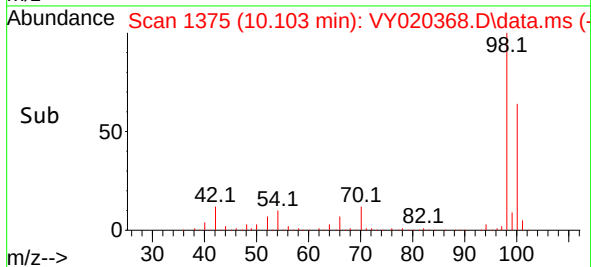
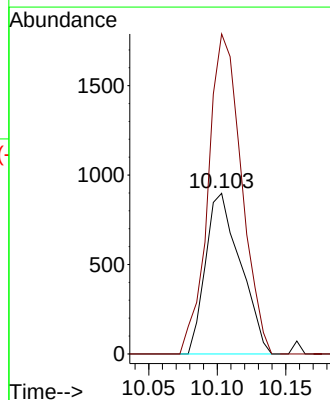
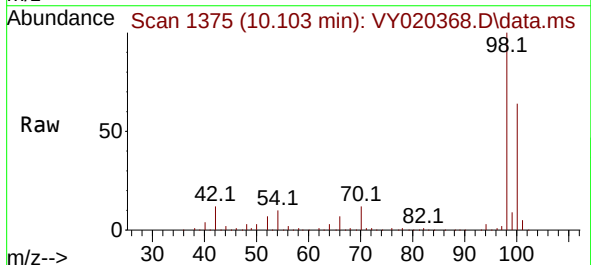
Instrument :
MSVOA_Y
ClientSampleId :

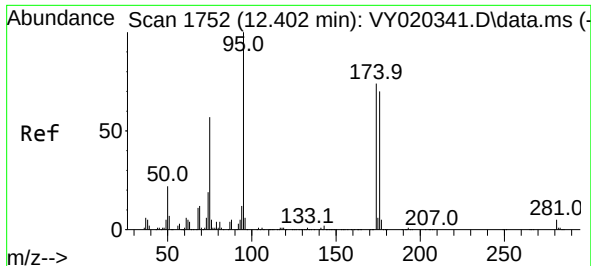
Tgt Ion: 98 Resp: 333450
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.331 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 191.3 30.9 46.3#

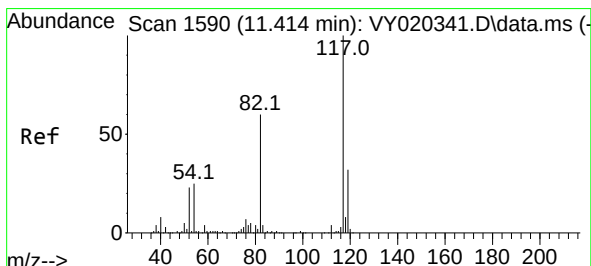
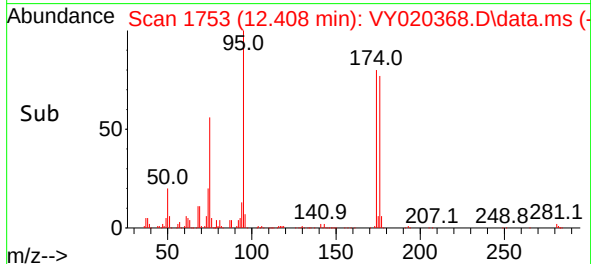
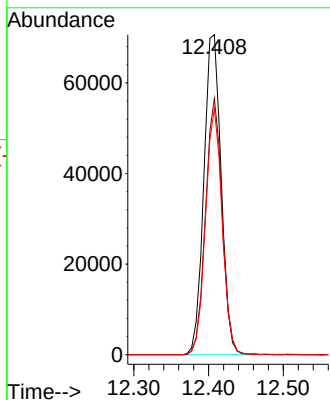
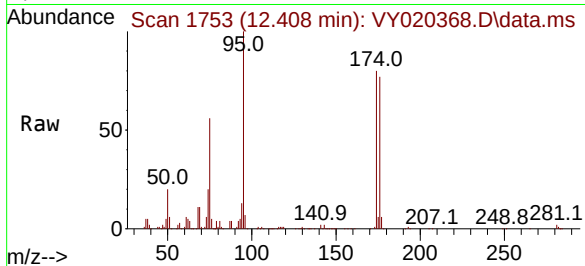




#62
4-Bromofluorobenzene
Concen: 51.775 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

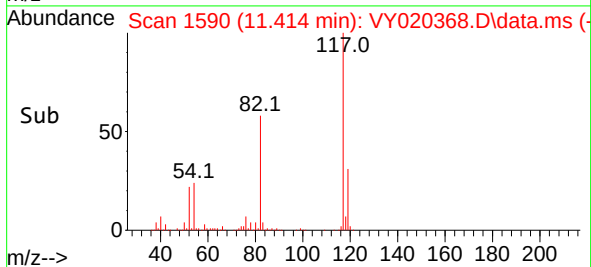
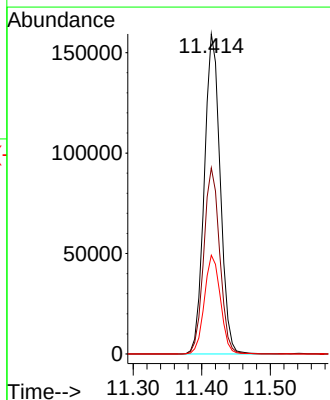
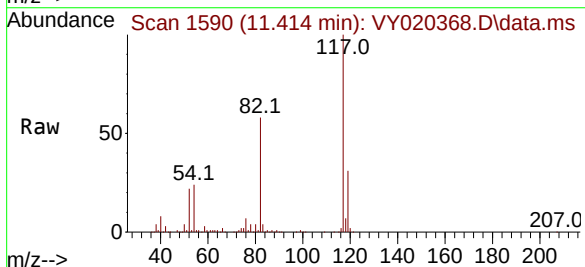
Instrument :
MSVOA_Y
ClientSampleId :

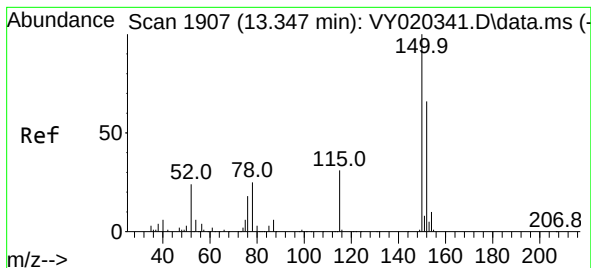
Tgt Ion: 95 Resp: 113373
Ion Ratio Lower Upper
95 100
174 77.4 0.0 156.8
176 73.9 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020368.D
Acq: 20 Nov 2024 18:35

Tgt Ion: 117 Resp: 257307
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 30.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020368.D

Acq: 20 Nov 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

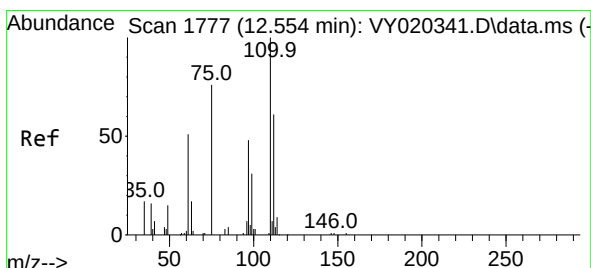
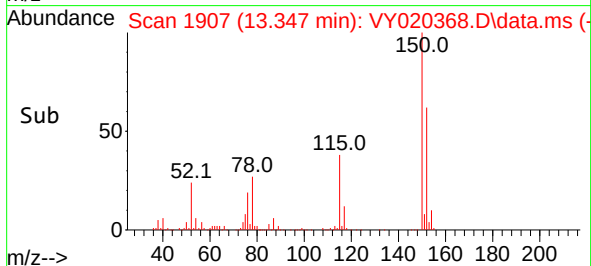
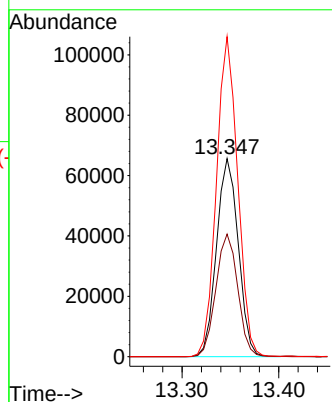
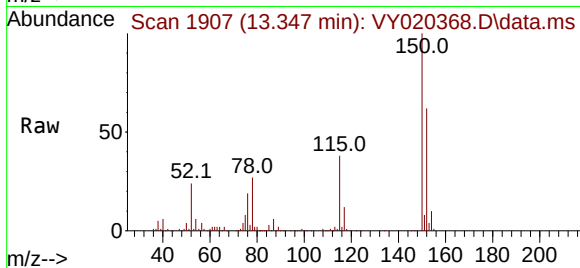
Tgt Ion:152 Resp: 102362

Ion Ratio Lower Upper

152 100

115 62.3 30.0 90.0

150 157.7 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 65.858 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020368.D

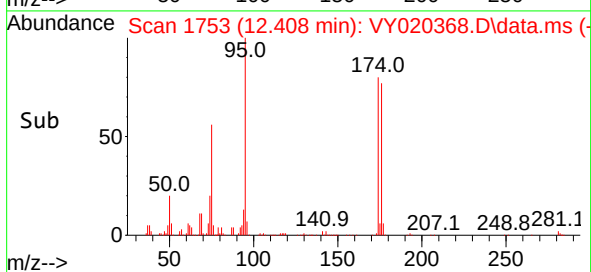
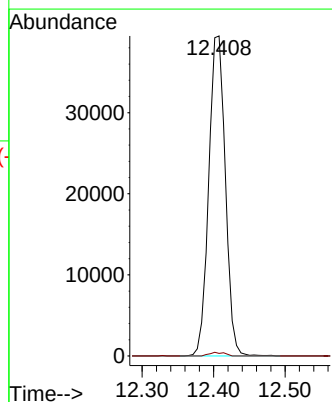
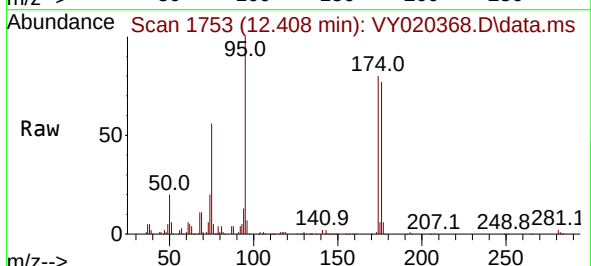
Acq: 20 Nov 2024 18:35

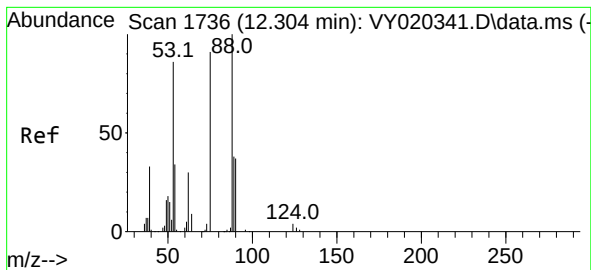
Tgt Ion: 75 Resp: 63539

Ion Ratio Lower Upper

75 100

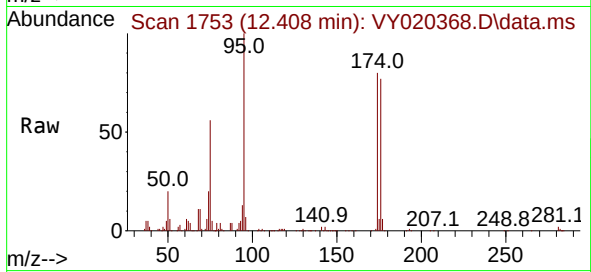
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.045 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020368.D
 Acq: 20 Nov 2024 18:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63539
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.1 35.1 52.7#

