

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019355.D
 Acq On : 29 Aug 2024 03:52
 Operator : SY/MD
 Sample : P3737-02
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 04:52:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	185581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	328301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	301442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	113240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	102836	55.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.560%
35) Dibromofluoromethane	7.628	113	104482	48.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.340%
50) Toluene-d8	10.103	98	373849	48.395	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.408	95	119584	45.410	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.820%

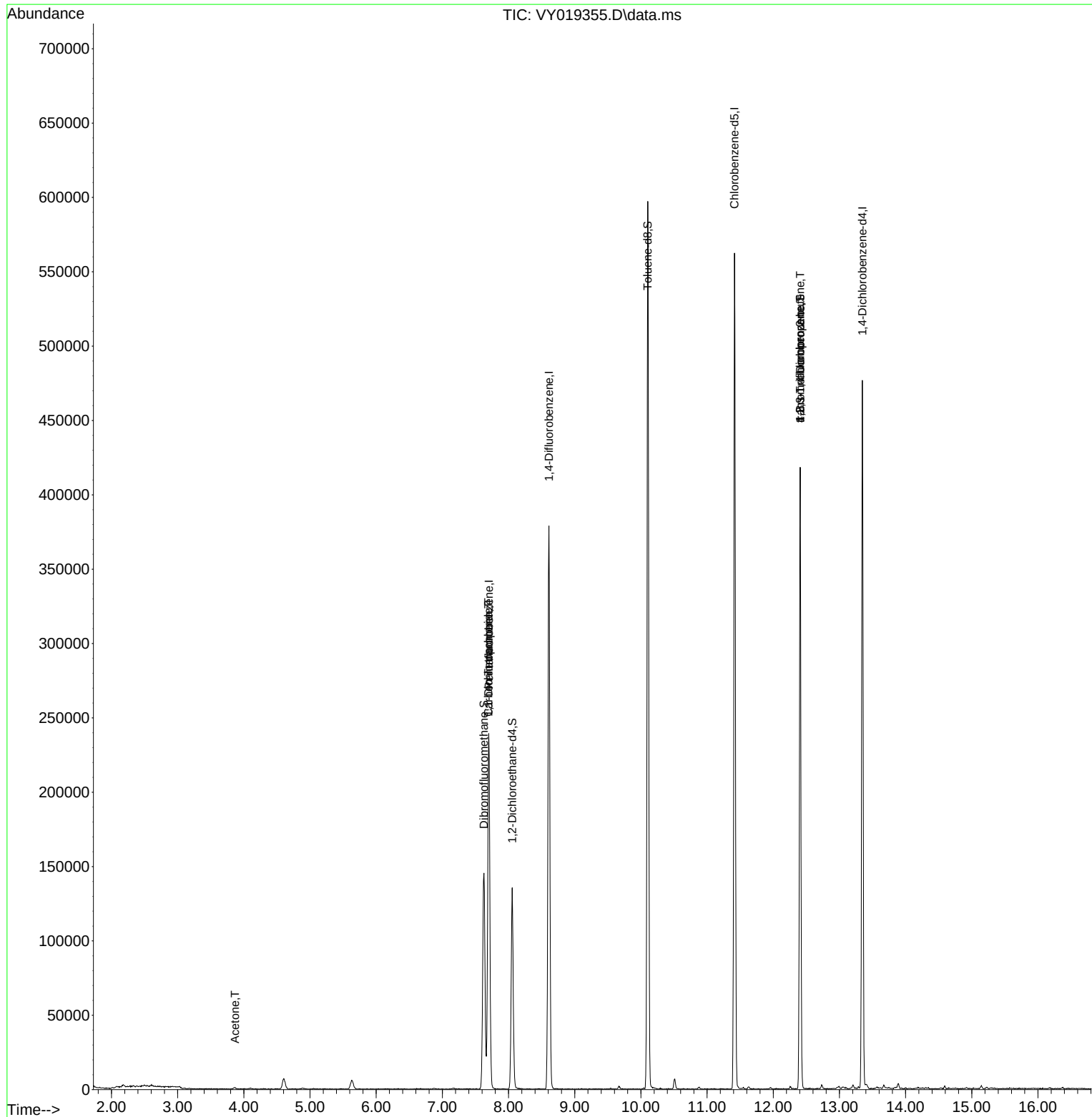
Target Compounds					Qvalue
5) Bromomethane	2.605	94	470	Below Cal	# 49
6) Chloroethane	2.714	64	31	Below Cal	# 42
13) Acrolein	3.909	56	20	Below Cal	# 15
16) Acetone	3.866	43	1608	4.661 ug/l	# 74
20) Methylene Chloride	4.604	84	5104	Below Cal	# 87
31) Cyclohexane	7.701	56	4156	Below Cal	# 60
36) 1,1-Dichloropropene	7.695	75	13905	4.717 ug/l	# 49
38) Carbon Tetrachloride	7.695	117	18383	5.381 ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	64976	58.183 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	64976	143.693 ug/l	# 16

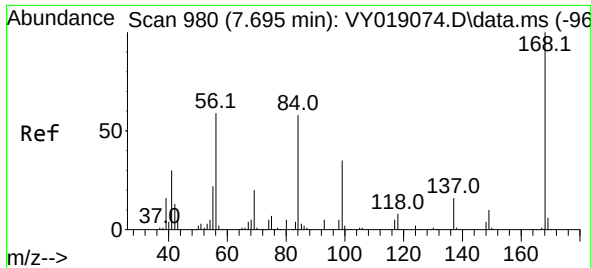
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
Data File : VY019355.D
Acq On : 29 Aug 2024 03:52
Operator : SY/MD
Sample : P3737-02
Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 29 04:52:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

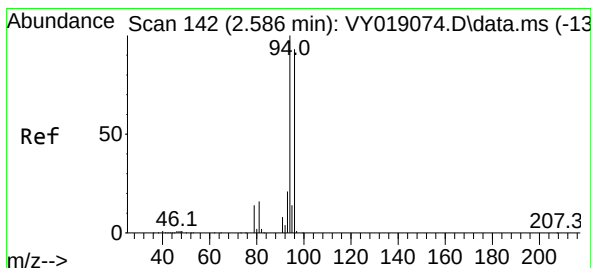
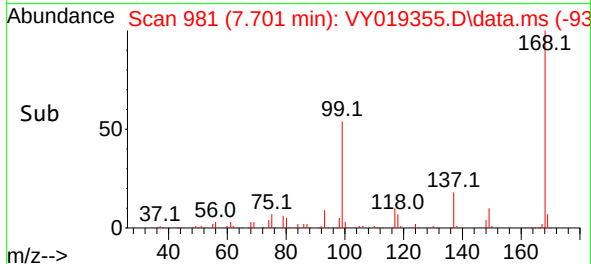
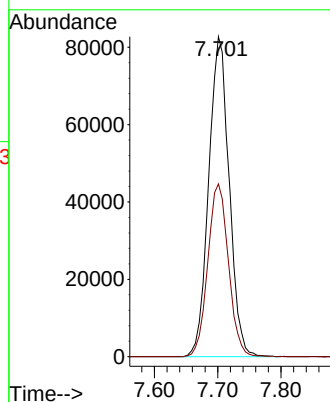
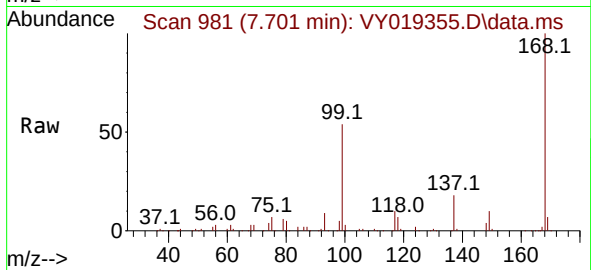




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

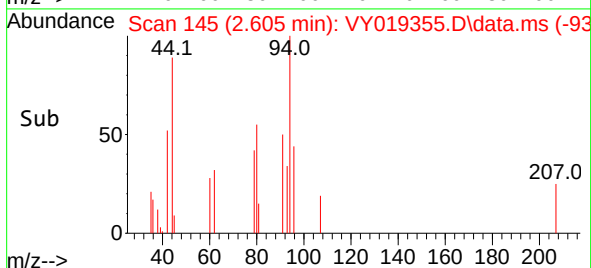
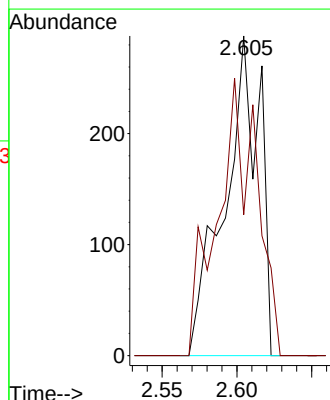
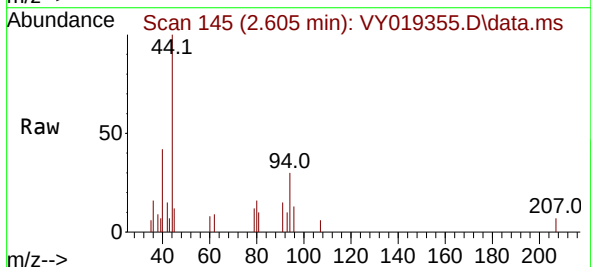
Instrument :
MSVOA_Y
ClientSampleId :

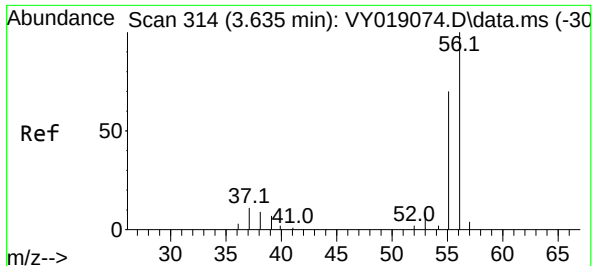
Tgt Ion:168 Resp: 185581
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

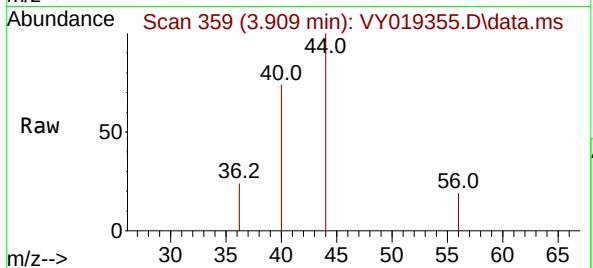
Tgt Ion: 94 Resp: 470
Ion Ratio Lower Upper
94 100
96 44.1 74.1 111.1#



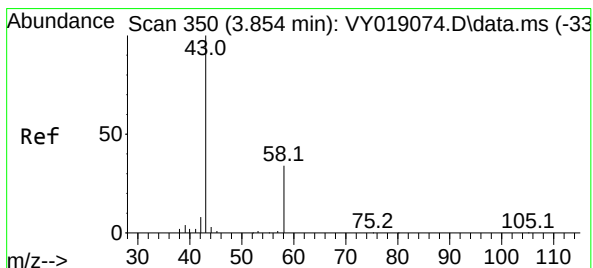
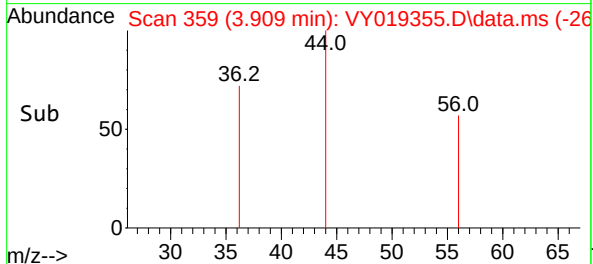
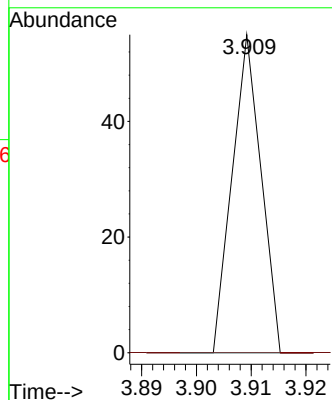


#13
Acrolein
Concen: Below Cal
RT: 3.909 min Scan# 314
Delta R.T. 0.274 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

Instrument :
MSVOA_Y
ClientSampleId :

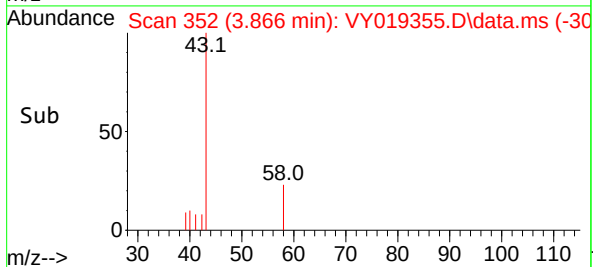
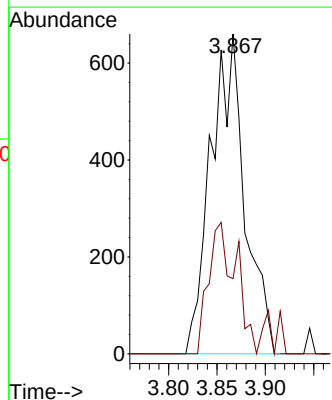
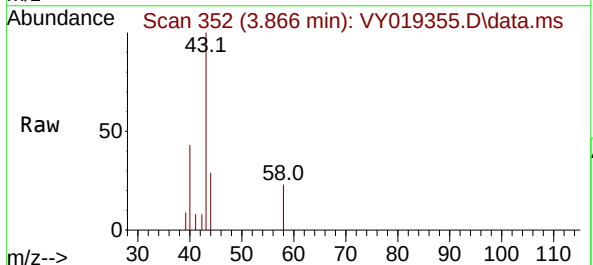


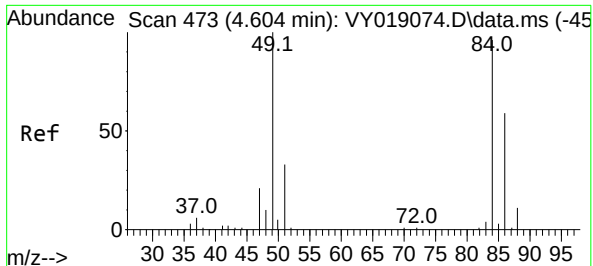
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 4.661 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

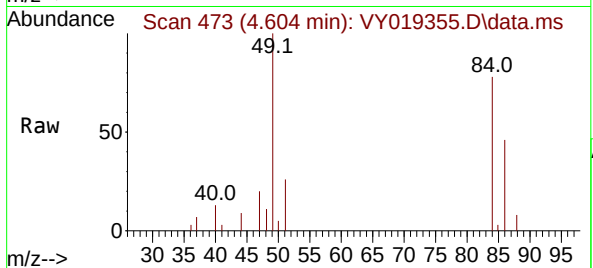
Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
58 23.5 31.7 47.5#



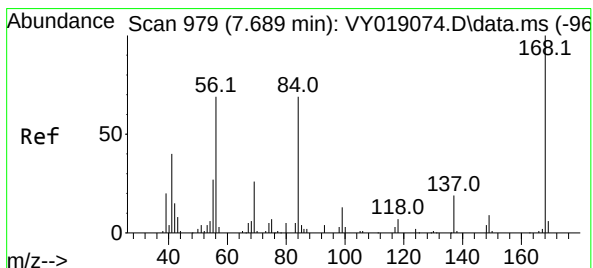
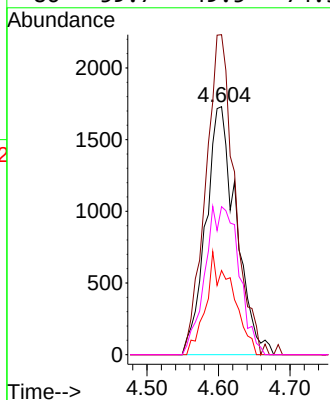
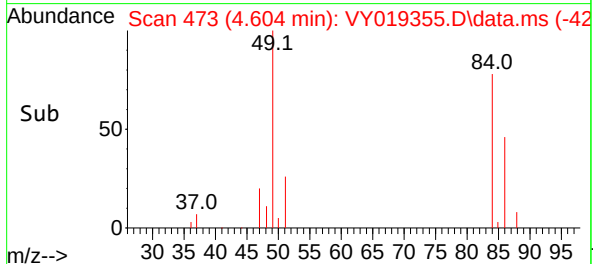


#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

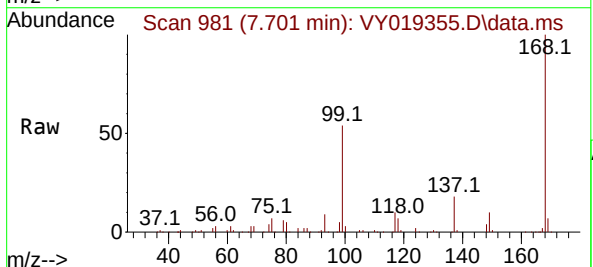
Instrument :
MSVOA_Y
ClientSampleId :



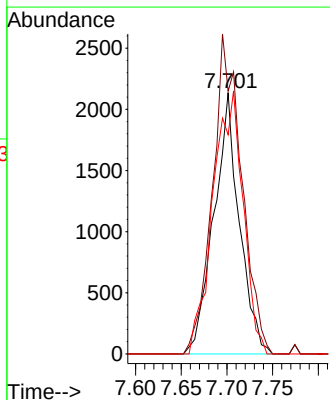
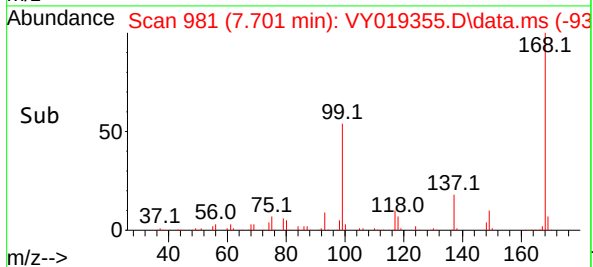
Tgt Ion:	84	Resp:	5104
Ion	Ratio	Lower	Upper
84	100		
49	129.0	84.4	126.6#
51	33.9	26.0	39.0
86	59.7	49.5	74.3

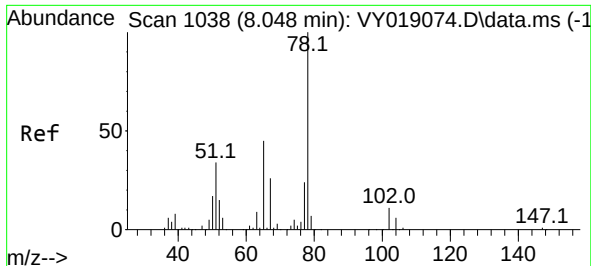


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52



Tgt Ion:	56	Resp:	4156
Ion	Ratio	Lower	Upper
56	100		
69	100.5	28.7	43.1#
84	83.9	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 55.279 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019355.D

Acq: 29 Aug 2024 03:52

Instrument :

MSVOA_Y

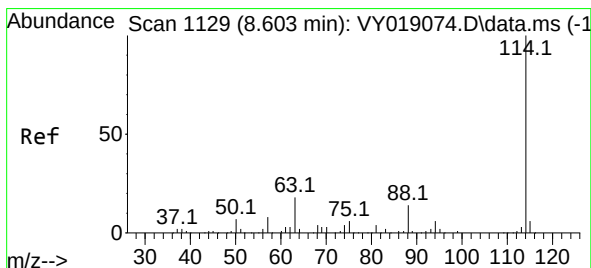
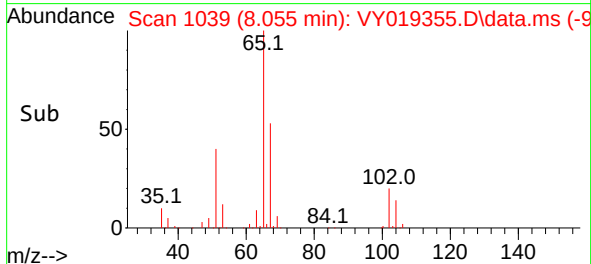
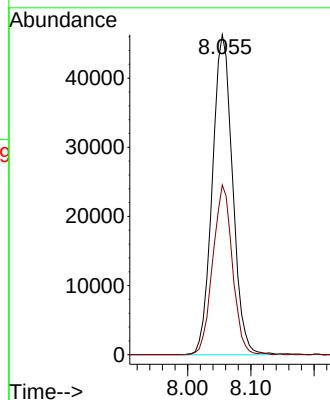
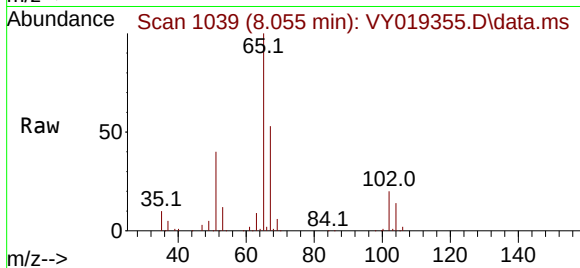
ClientSampleId :

Tgt Ion: 65 Resp: 102836

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019355.D

Acq: 29 Aug 2024 03:52

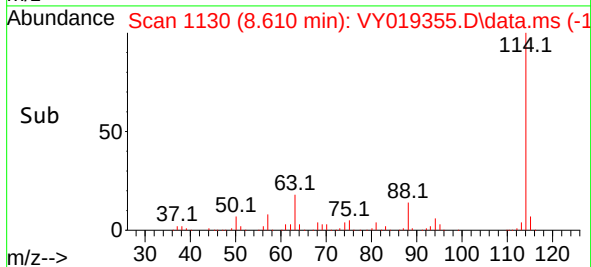
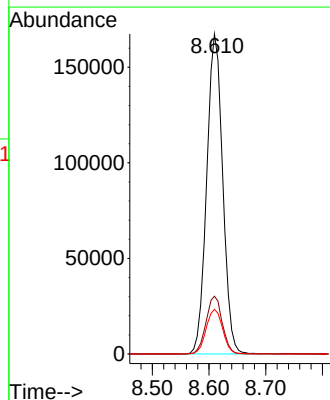
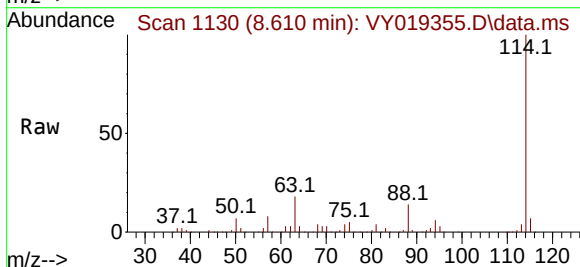
Tgt Ion: 114 Resp: 328301

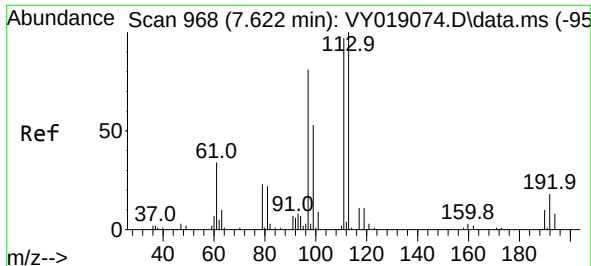
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.9 0.0 27.2

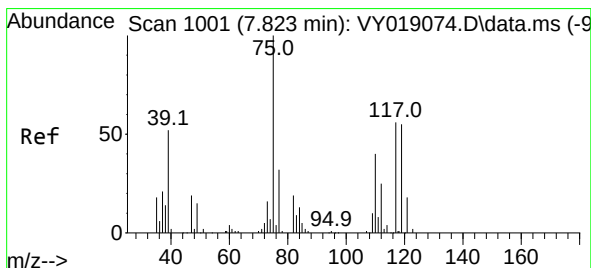
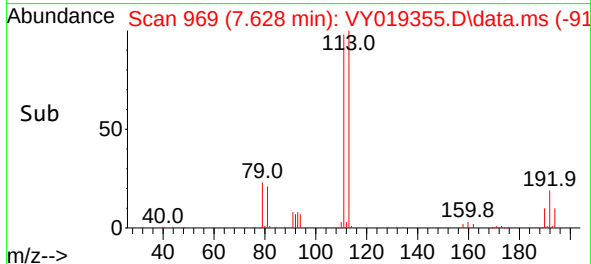
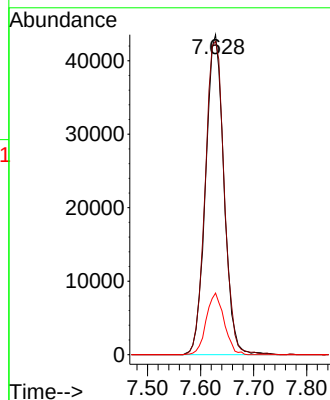
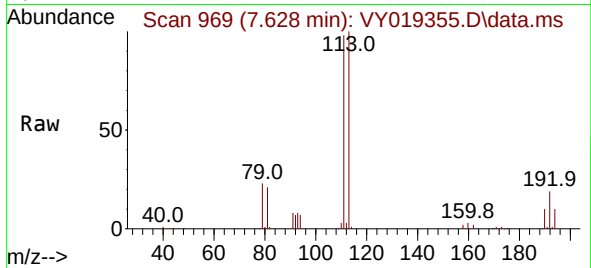




#35
Dibromofluoromethane
Concen: 48.673 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

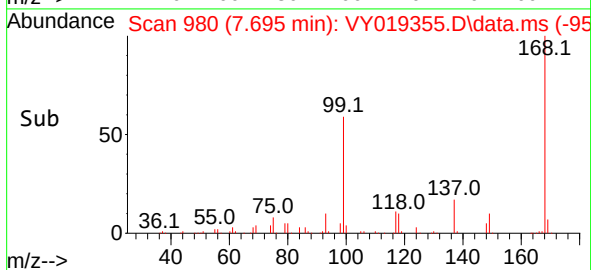
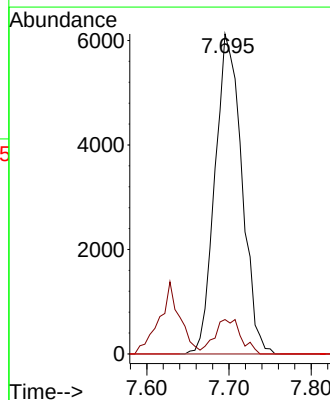
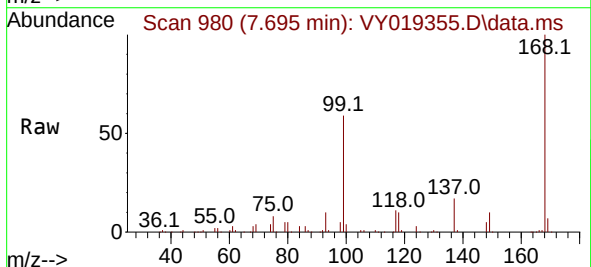
Instrument :
MSVOA_Y
ClientSampleId :

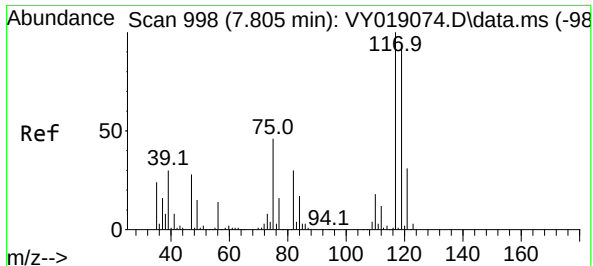
Tgt Ion:113 Resp: 104482
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.717 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

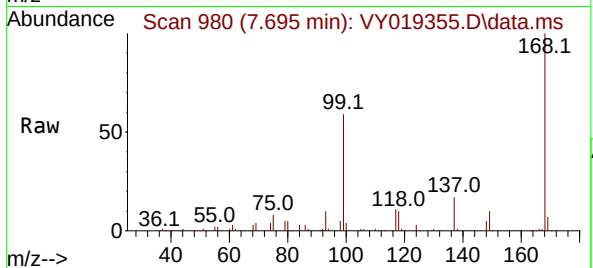
Tgt Ion: 75 Resp: 13905
Ion Ratio Lower Upper
75 100
110 10.7 19.0 57.0#
77 0.0 25.3 37.9#



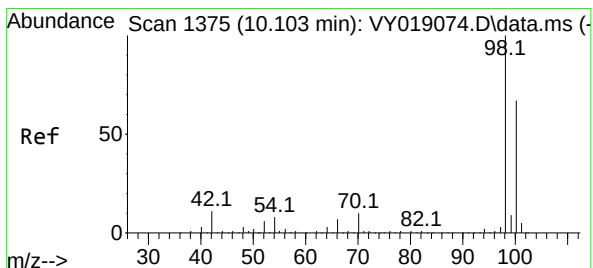
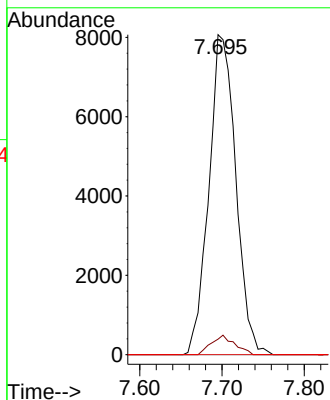
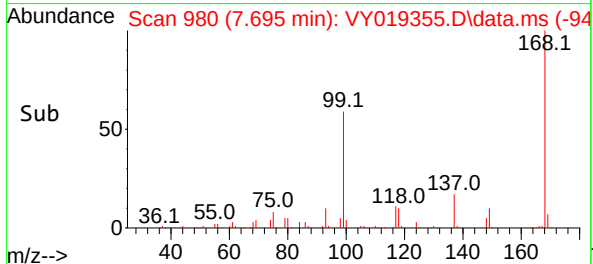


#38
Carbon Tetrachloride
Concen: 5.381 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

Instrument :
MSVOA_Y
ClientSampleId :

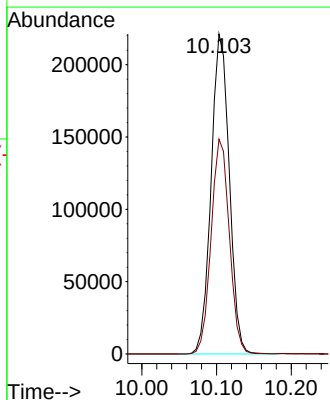
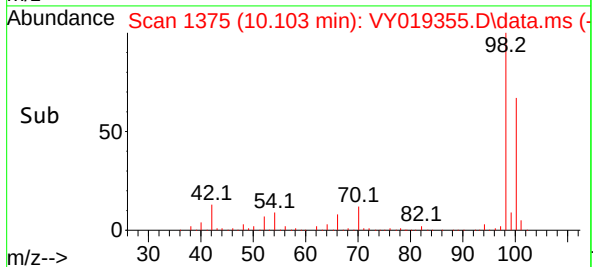
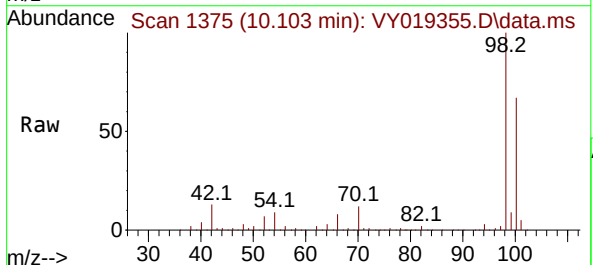


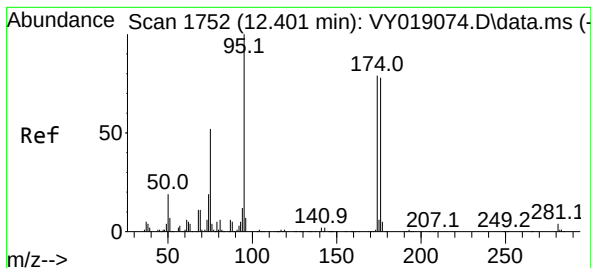
Tgt Ion:117 Resp: 18383
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.395 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

Tgt Ion: 98 Resp: 373849
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0

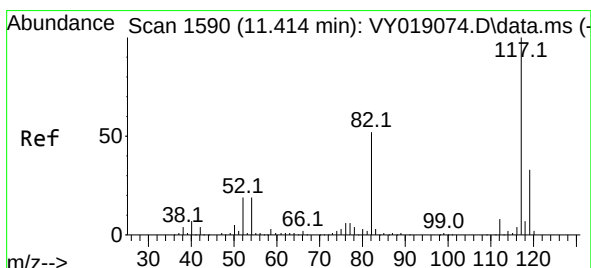
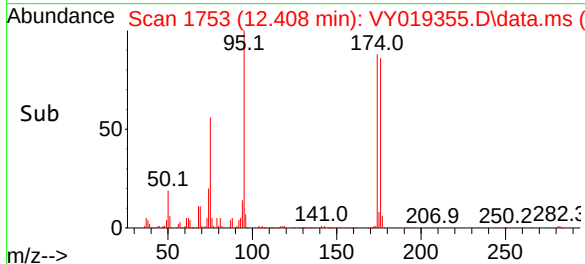
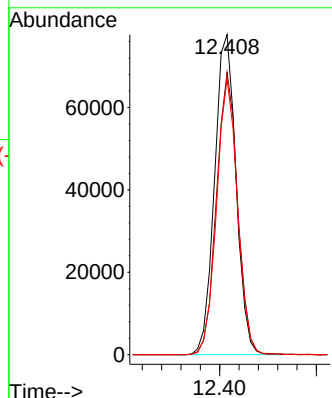
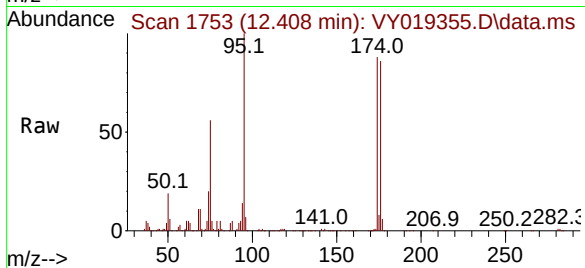




#62
4-Bromofluorobenzene
Concen: 45.410 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

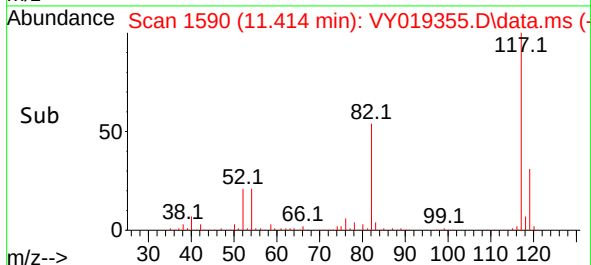
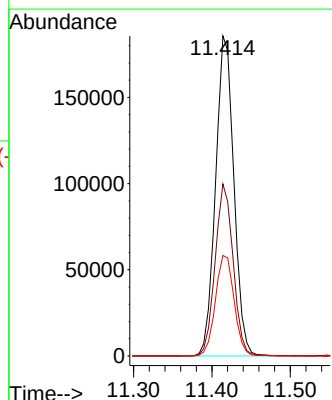
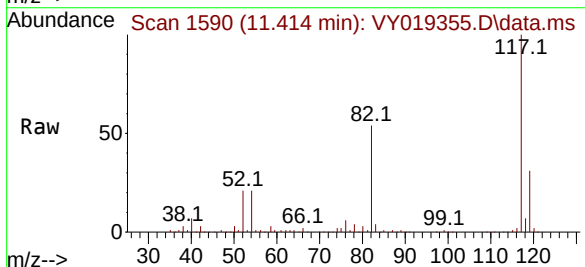
Instrument :
MSVOA_Y
ClientSampleId :

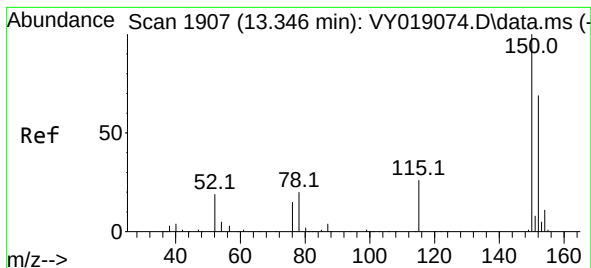
Tgt Ion: 95 Resp: 119584
Ion Ratio Lower Upper
95 100
174 86.8 0.0 175.6
176 83.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

Tgt Ion: 117 Resp: 301442
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019355.D

Acq: 29 Aug 2024 03:52

Instrument :

MSVOA_Y

ClientSampleId :

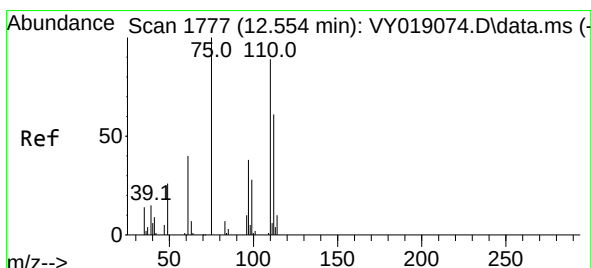
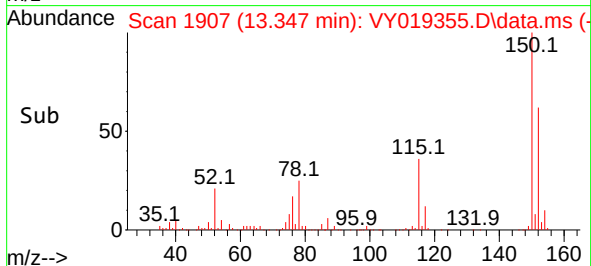
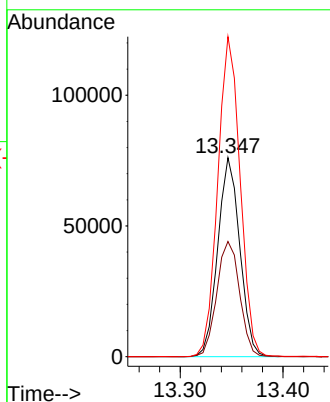
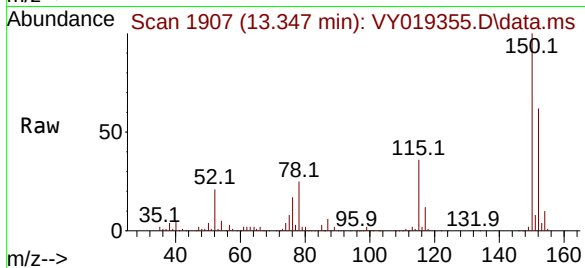
Tgt Ion:152 Resp: 113240

Ion Ratio Lower Upper

152 100

115 60.2 28.2 84.7

150 163.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 58.183 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019355.D

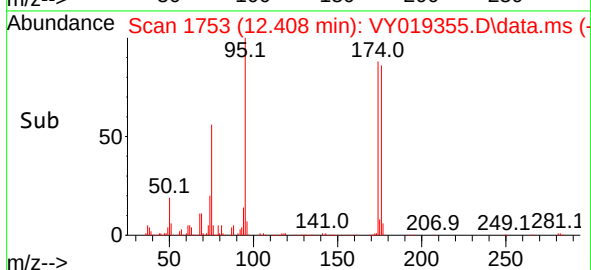
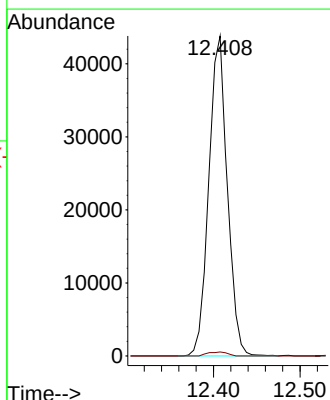
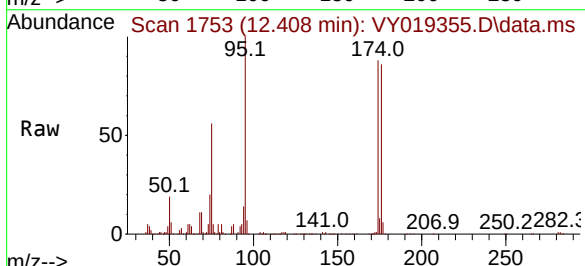
Acq: 29 Aug 2024 03:52

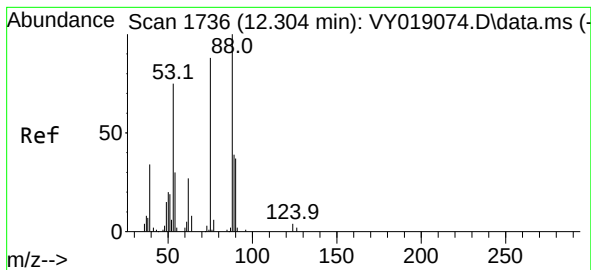
Tgt Ion: 75 Resp: 64976

Ion Ratio Lower Upper

75 100

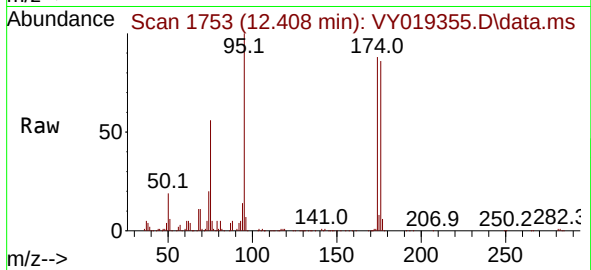
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 143.693 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019355.D
Acq: 29 Aug 2024 03:52

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 64976
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

