

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016949.D
 Acq On : 09 Jan 2024 15:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:27:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

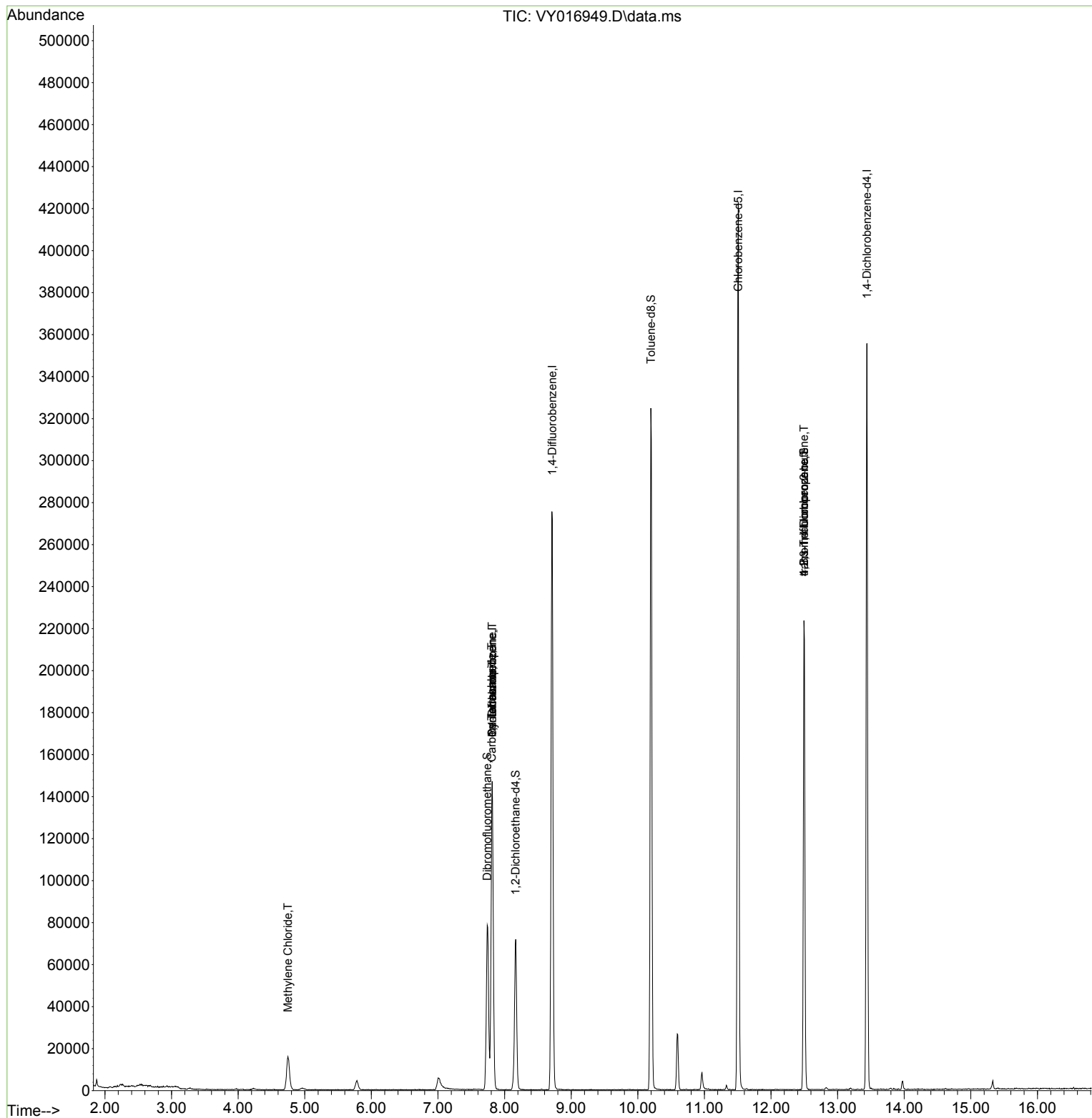
Internal Standards						
1) Pentafluorobenzene	7.813	168	112147	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	238728	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	230561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	85972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	53021	47.835	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.660%
35) Dibromofluoromethane	7.740	113	57888	38.053	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.100%
50) Toluene-d8	10.197	98	214378	40.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.840%
62) 4-Bromofluorobenzene	12.495	95	66096	37.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	86	Below Cal	#	40
11) Tert butyl alcohol	4.960	59	1158	Below Cal	#	75
16) Acetone	3.966	43	534	Below Cal		95
20) Methylene Chloride	4.747	84	11899	1.494	ug/l	96
25) 2-Butanone	6.996	43	195	Below Cal	#	48
31) Cyclohexane	7.813	56	2536	1.333	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	10070	4.542	ug/l #	49
38) Carbon Tetrachloride	7.807	117	11253	4.996	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	35474	38.023	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	35474	86.342	ug/l #	12

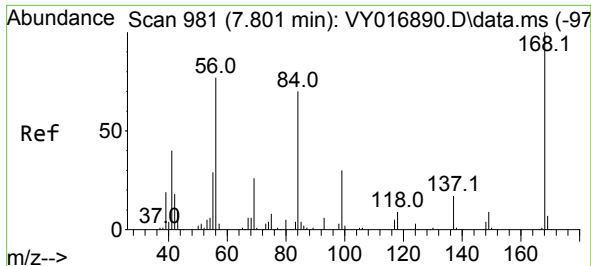
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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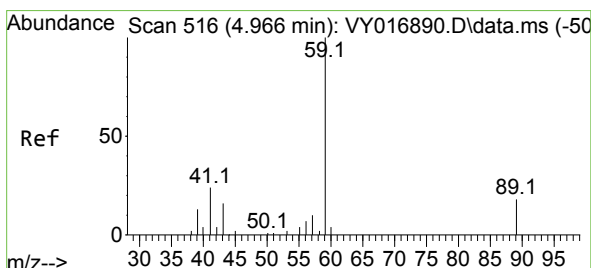
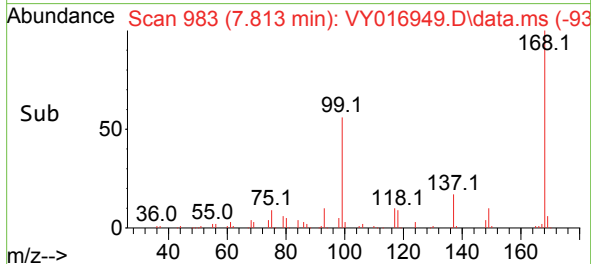
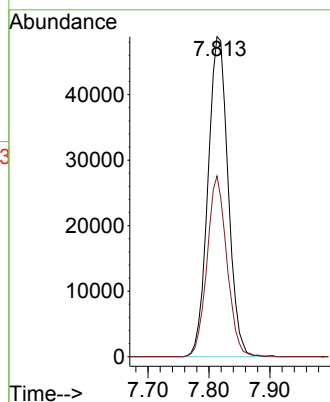
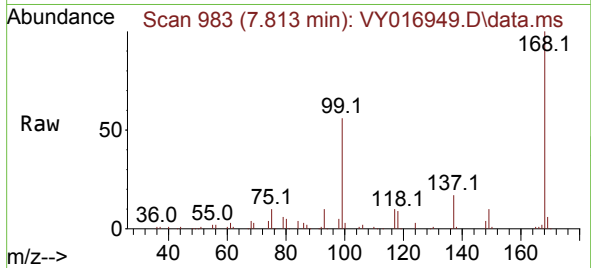




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

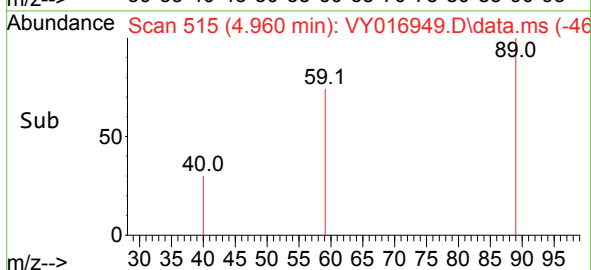
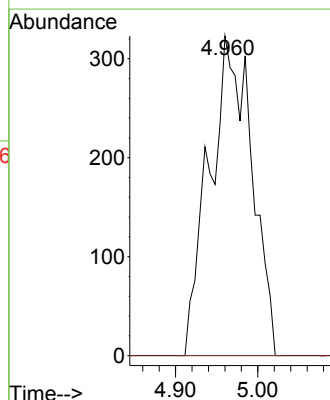
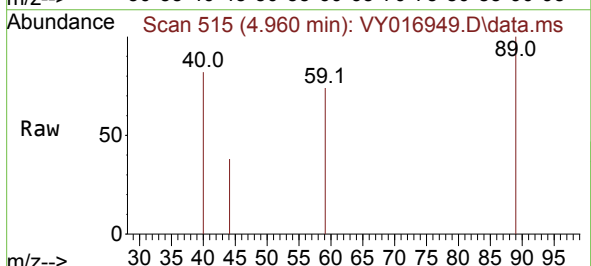
Instrument :
MSVOA_Y
ClientSampleId :

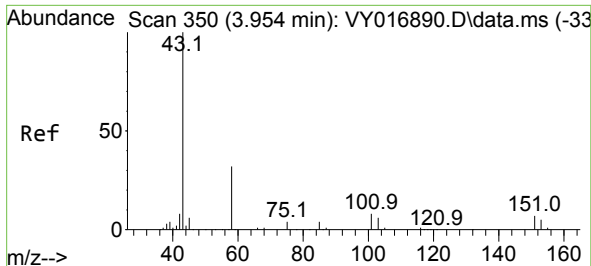
Tgt Ion:168 Resp: 112147
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

Tgt Ion: 59 Resp: 1158
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.966 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY016949.D

Acq: 09 Jan 2024 15:24

Instrument :

MSVOA_Y

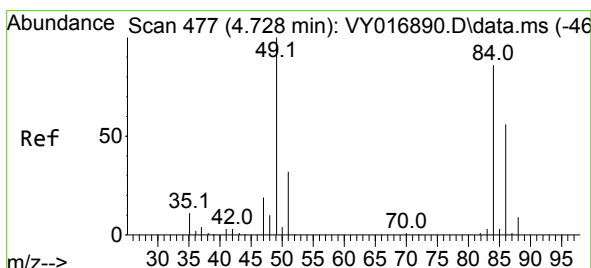
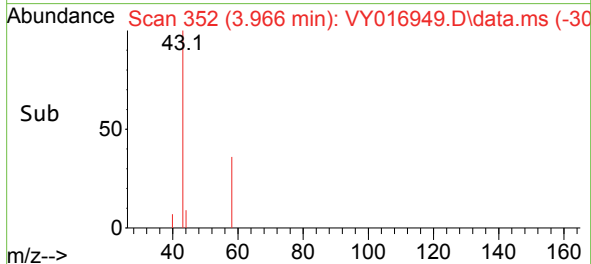
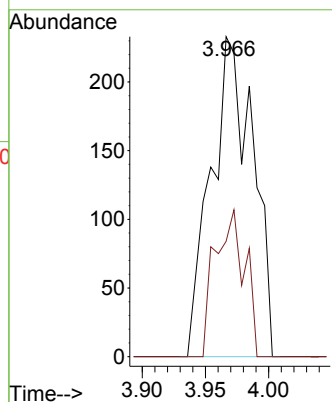
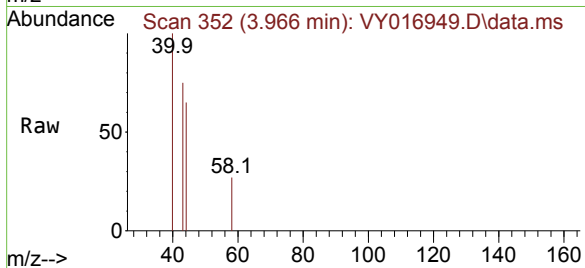
ClientSampleId :

Tgt Ion: 43 Resp: 534

Ion Ratio Lower Upper

43 100

58 36.1 26.6 39.8



#20

Methylene Chloride

Concen: 1.494 ug/l

RT: 4.747 min Scan# 480

Delta R.T. 0.013 min

Lab File: VY016949.D

Acq: 09 Jan 2024 15:24

Tgt Ion: 84 Resp: 11899

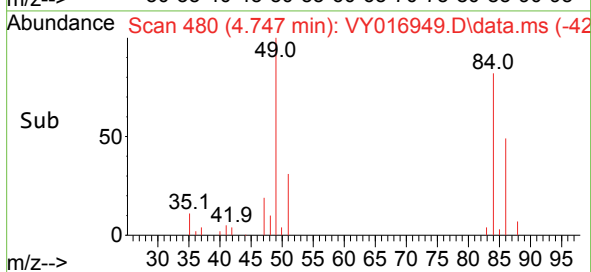
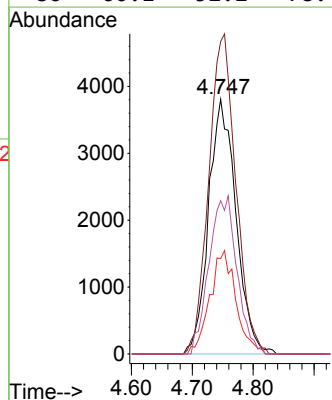
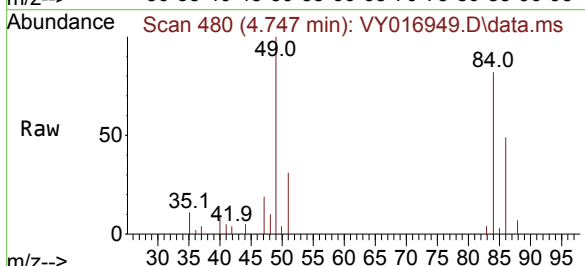
Ion Ratio Lower Upper

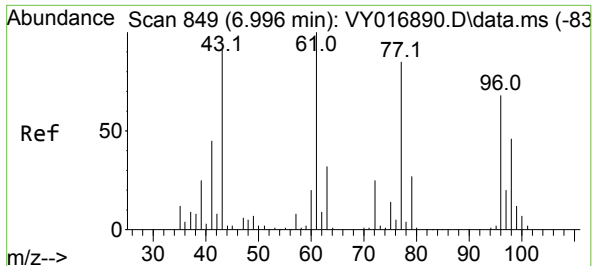
84 100

49 122.6 95.2 142.8

51 37.4 29.9 44.9

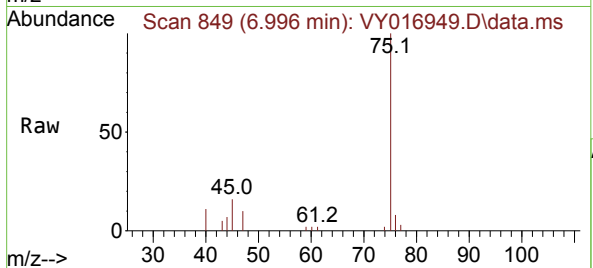
86 60.1 52.2 78.4



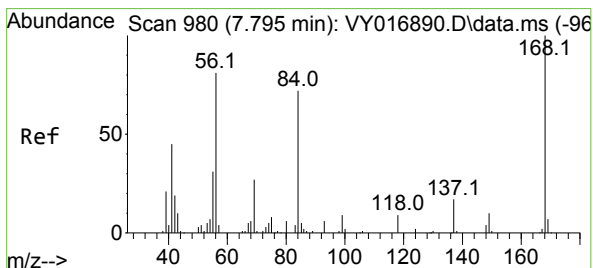
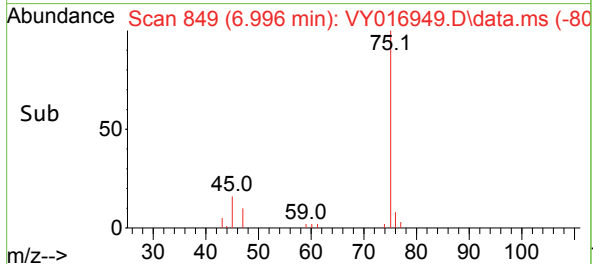
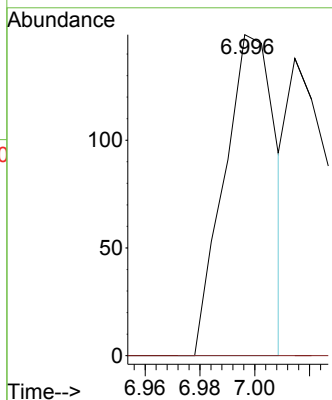


#25
2-Butanone
Concen: Below Cal
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

Instrument :
MSVOA_Y
ClientSampleId :

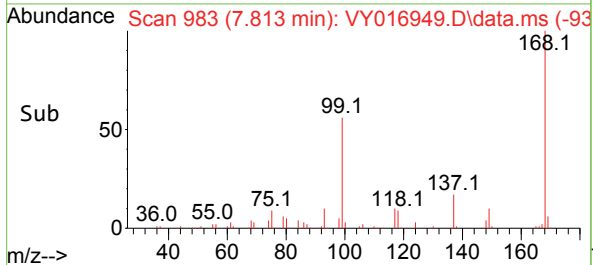
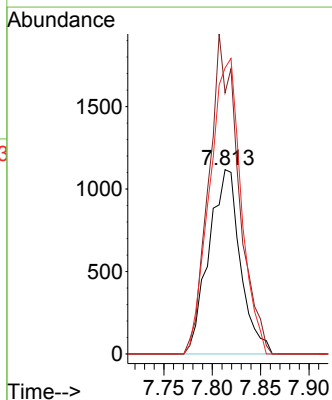
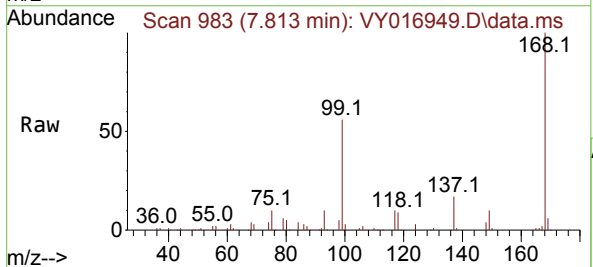


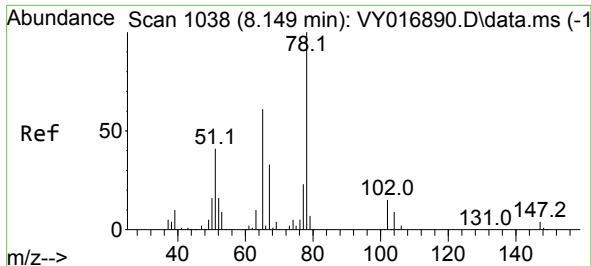
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

Tgt Ion: 56 Resp: 2536
Ion Ratio Lower Upper
56 100
69 141.6 27.0 40.6#
84 155.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 47.835 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016949.D

Acq: 09 Jan 2024 15:24

Instrument :

MSVOA_Y

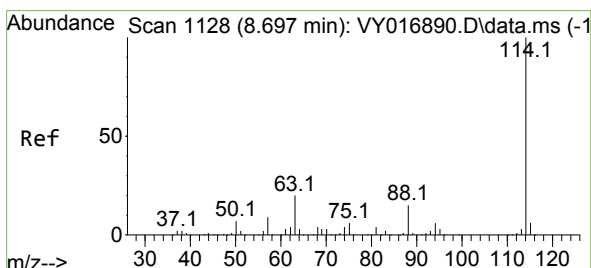
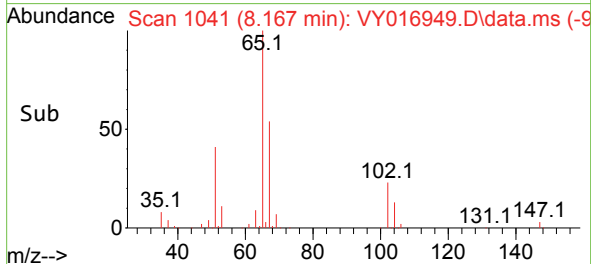
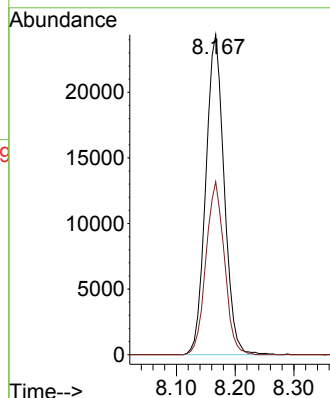
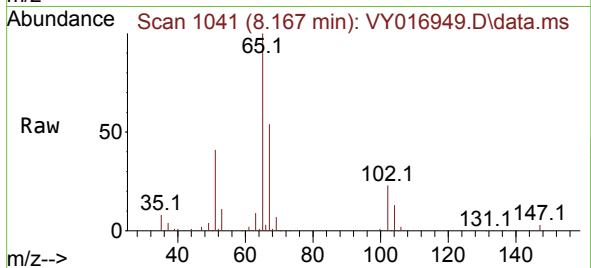
ClientSampleId :

Tgt Ion: 65 Resp: 53021

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016949.D

Acq: 09 Jan 2024 15:24

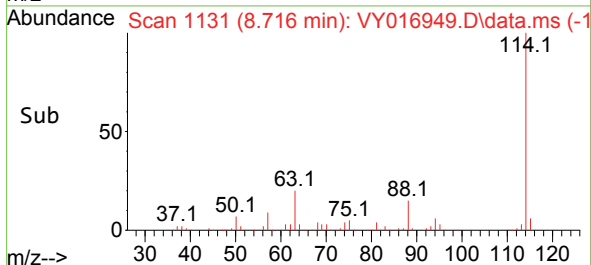
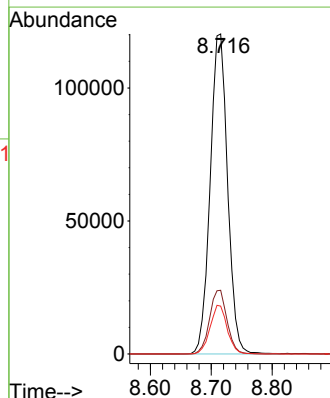
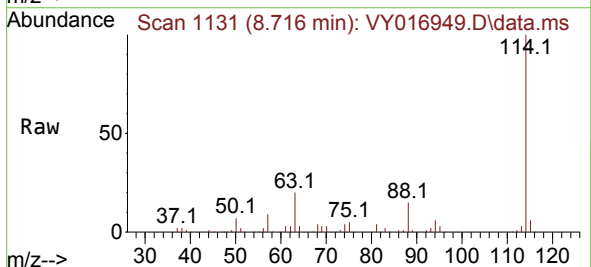
Tgt Ion: 114 Resp: 238728

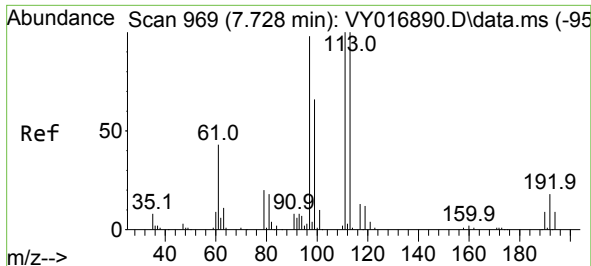
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 38.053 ug/l

RT: 7.740 min Scan# 91

Delta R.T. 0.012 min

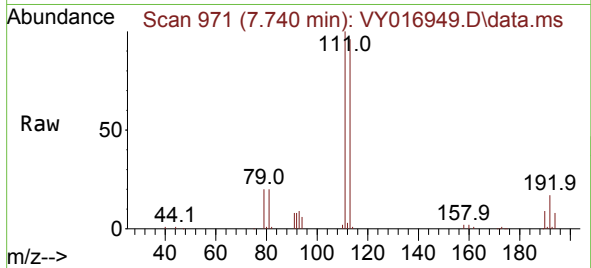
Lab File: VY016949.D

Acq: 09 Jan 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :



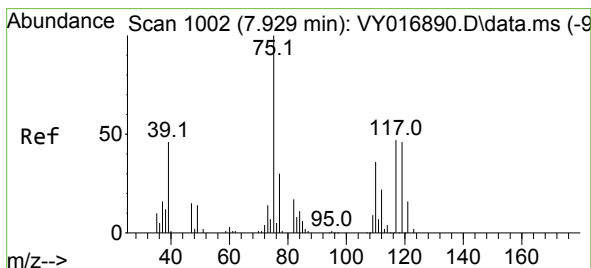
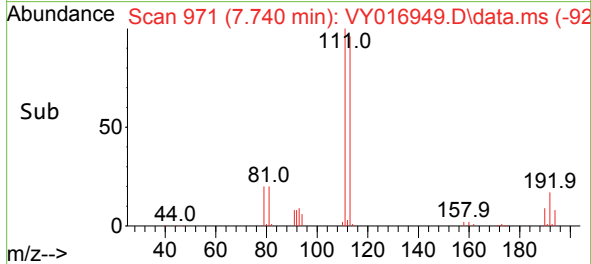
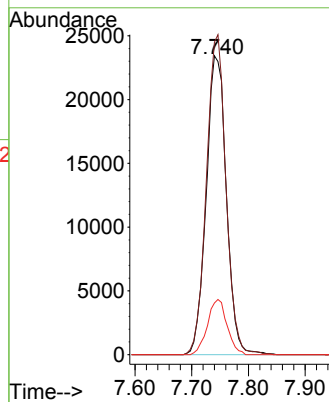
Tgt Ion:113 Resp: 57888

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 17.9 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.542 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.116 min

Lab File: VY016949.D

Acq: 09 Jan 2024 15:24

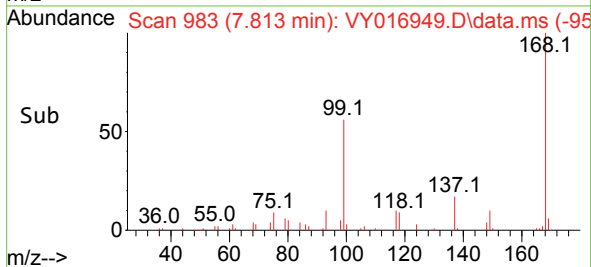
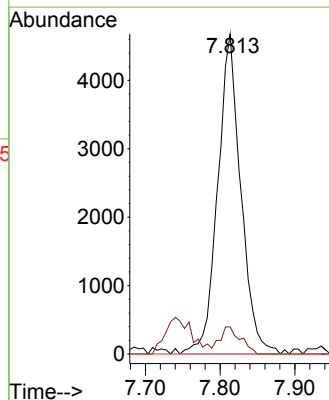
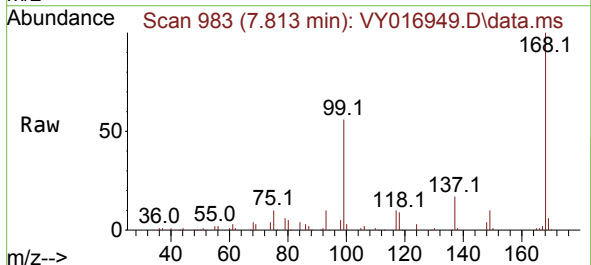
Tgt Ion: 75 Resp: 10070

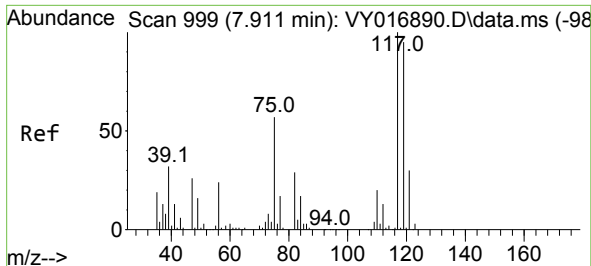
Ion Ratio Lower Upper

75 100

110 7.6 17.4 52.3#

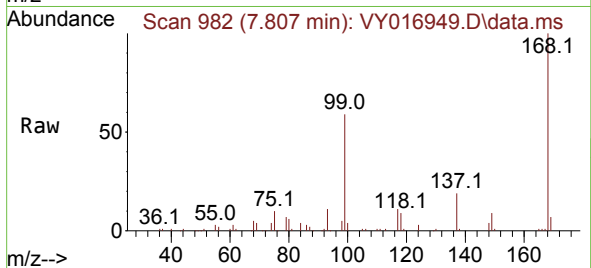
77 0.0 24.7 37.1#



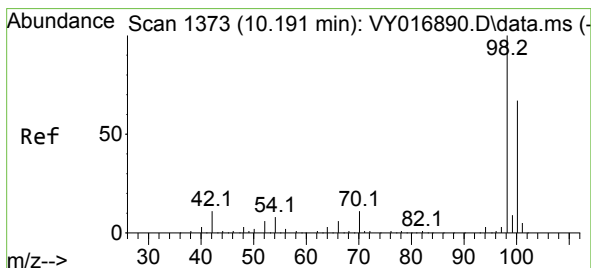
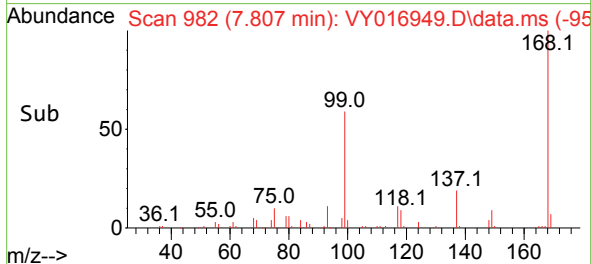
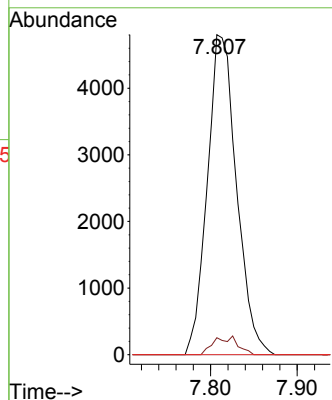


#38
Carbon Tetrachloride
Concen: 4.996 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

Instrument :
MSVOA_Y
ClientSampleId :

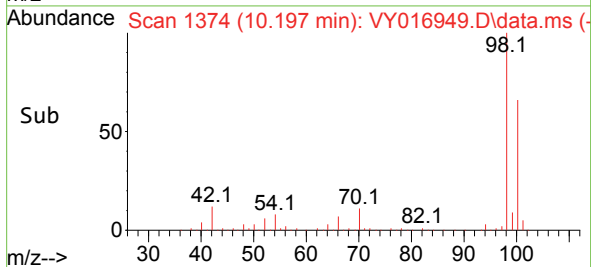
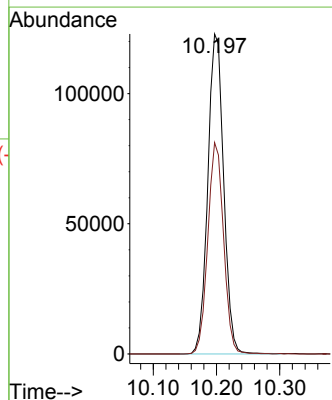
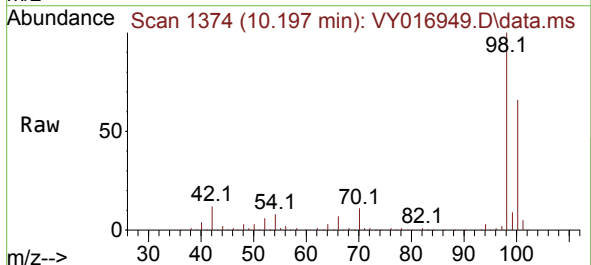


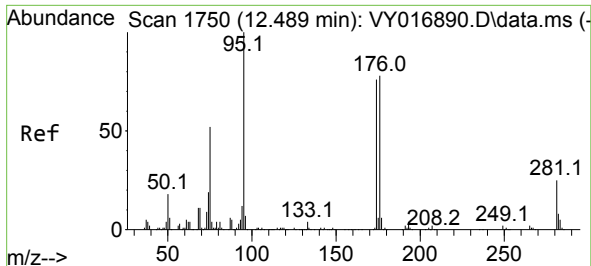
Tgt Ion:117 Resp: 11253
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.924 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

Tgt Ion: 98 Resp: 214378
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

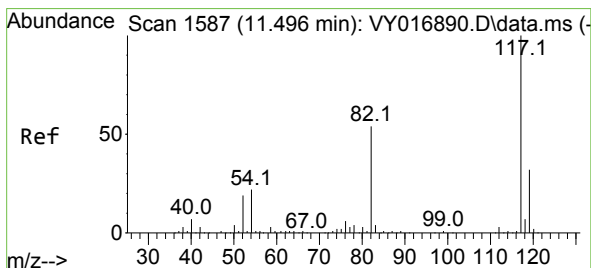
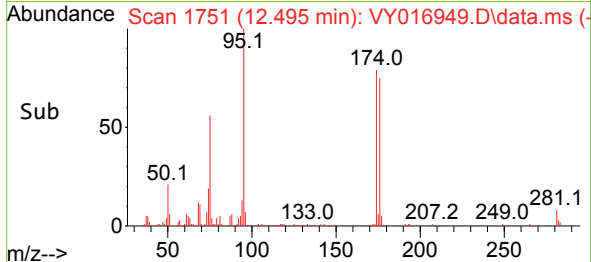
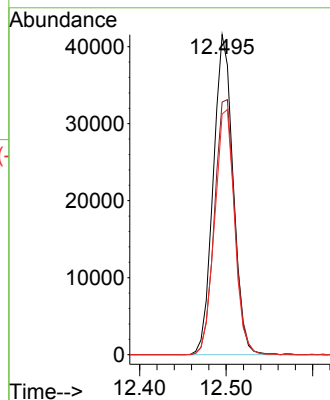
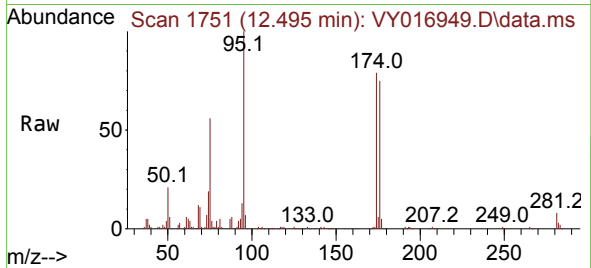




#62
4-Bromofluorobenzene
Concen: 37.397 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

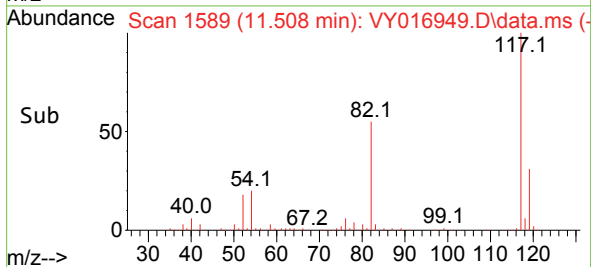
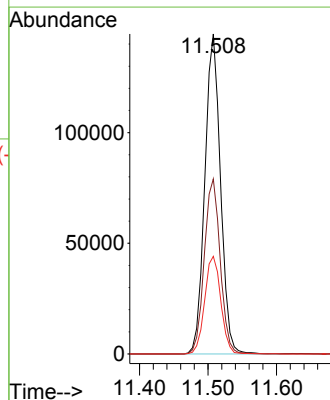
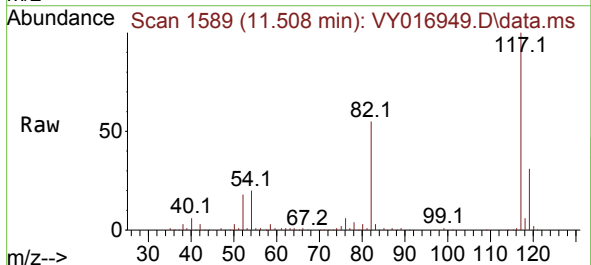
Instrument :
MSVOA_Y
ClientSampleId :

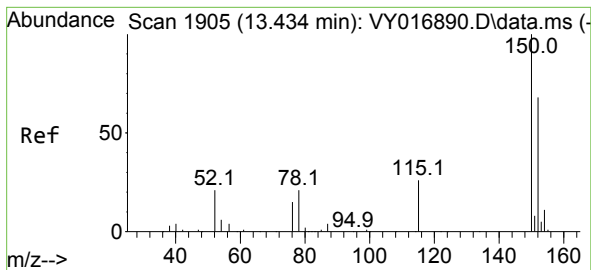
Tgt Ion: 95 Resp: 66096
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.0
176 77.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016949.D
Acq: 09 Jan 2024 15:24

Tgt Ion: 117 Resp: 230561
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 30.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016949.D

Acq: 09 Jan 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

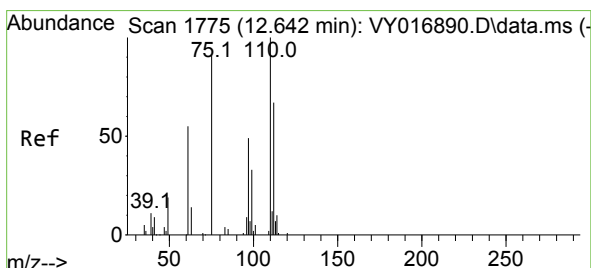
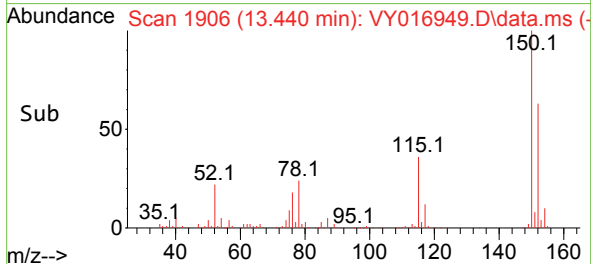
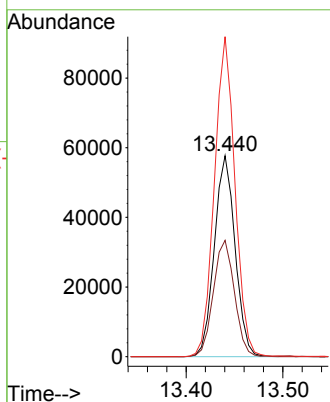
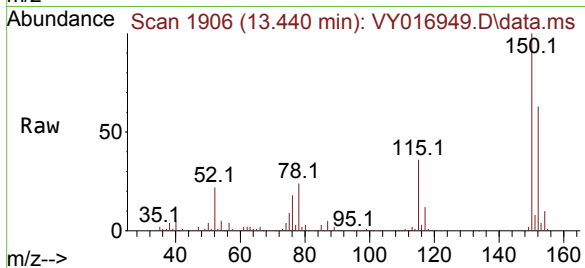
Tgt Ion:152 Resp: 85972

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 157.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 38.023 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016949.D

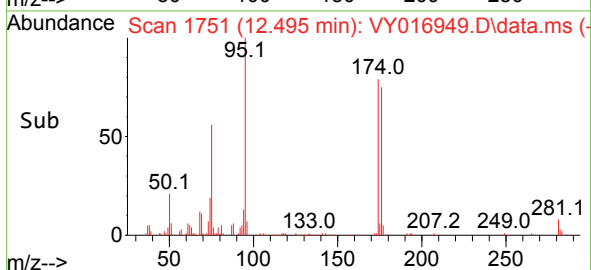
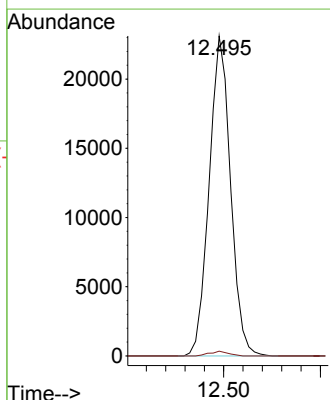
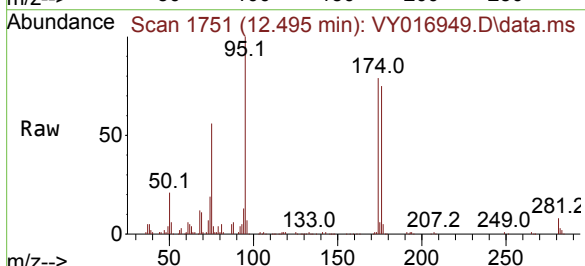
Acq: 09 Jan 2024 15:24

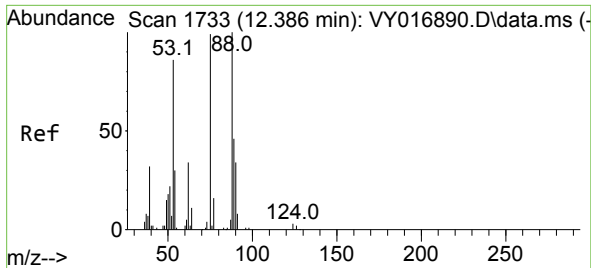
Tgt Ion: 75 Resp: 35474

Ion Ratio Lower Upper

75 100

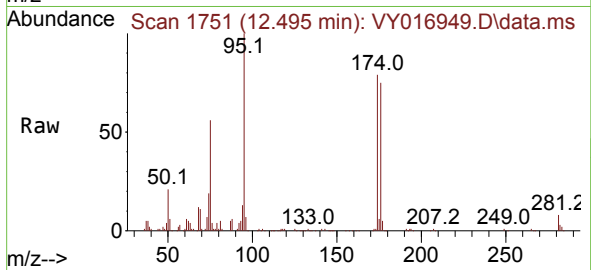
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.342 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016949.D
 Acq: 09 Jan 2024 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35474
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

