

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016900.D
 Acq On : 02 Jan 2024 17:31
 Operator : SY/MD
 Sample : P1003-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 03 00:21:02 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)

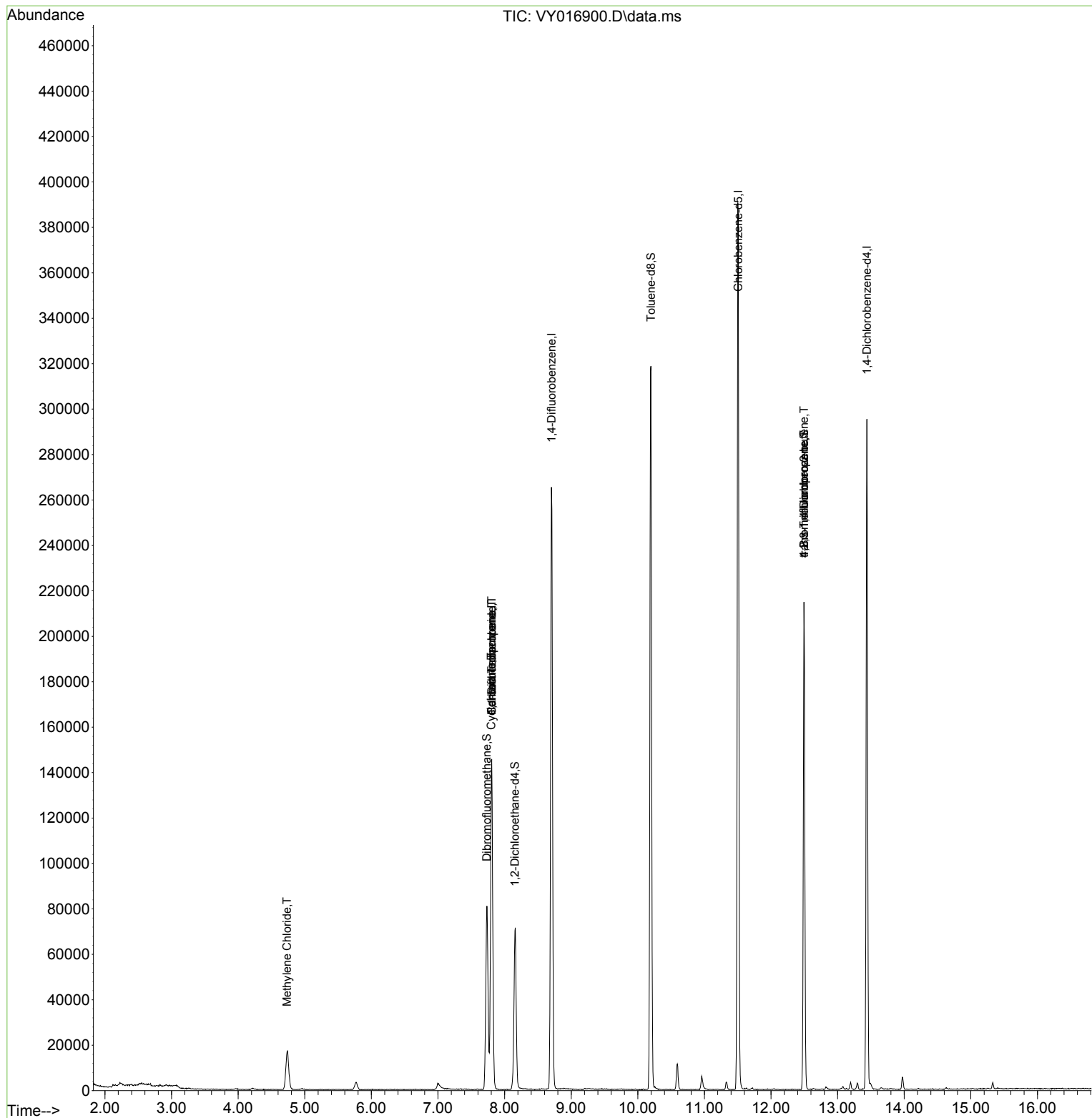
Internal Standards						
1) Pentafluorobenzene	7.807	168	109821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	229210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	214841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54224	49.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.734	113	58920	40.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.680%
50) Toluene-d8	10.197	98	215567	42.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.720%
62) 4-Bromofluorobenzene	12.495	95	63025	37.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	382	Below Cal	#	75
16) Acetone	3.973	43	732	Below Cal		97
20) Methylene Chloride	4.735	84	12950	2.513	ug/l	97
25) 2-Butanone	7.009	43	219	Below Cal	#	48
31) Cyclohexane	7.801	56	2622	1.407	ug/l	# 10
36) 1,1-Dichloropropene	7.807	75	9306	4.372	ug/l	# 49
38) Carbon Tetrachloride	7.807	117	11507	5.321	ug/l	# 17
76) 1,2,3-Trichloropropane	12.495	75	33258	42.242	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	33258	95.921	ug/l	# 12

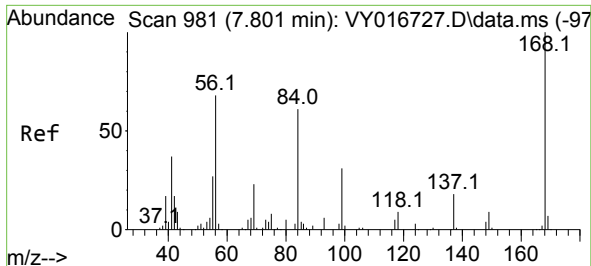
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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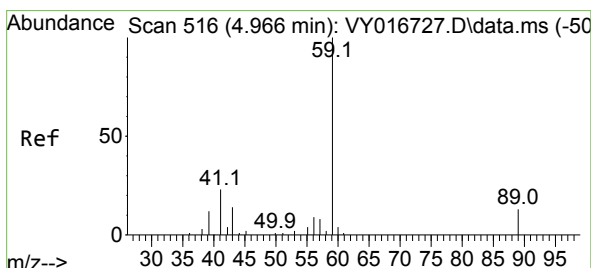
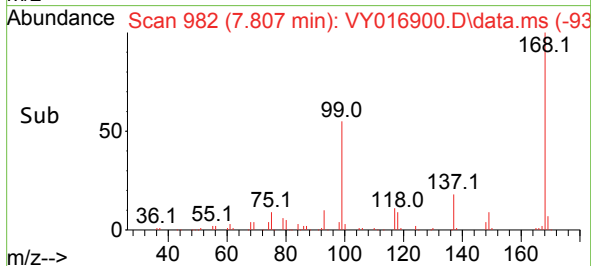
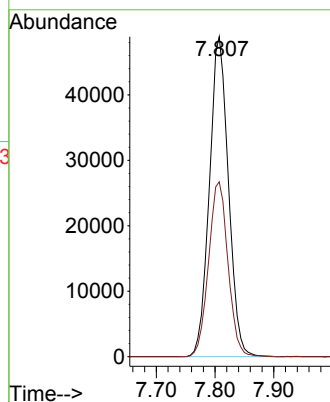
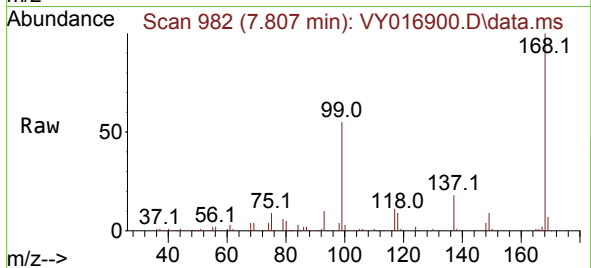




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

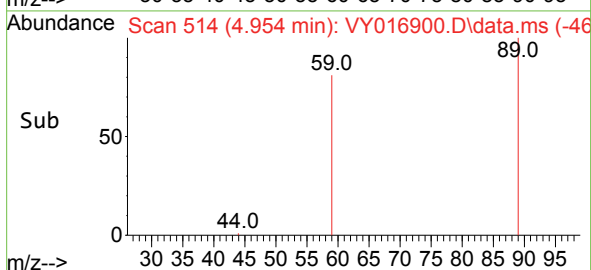
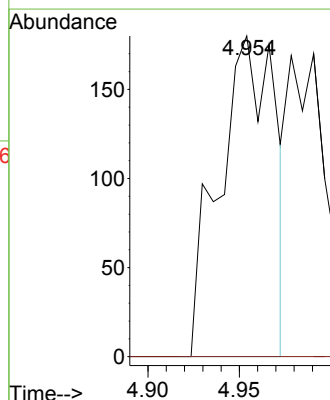
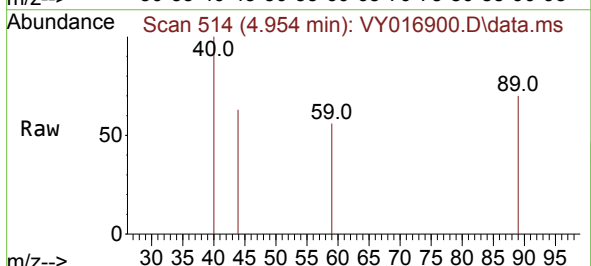
Instrument :
MSVOA_Y
ClientSampleId :

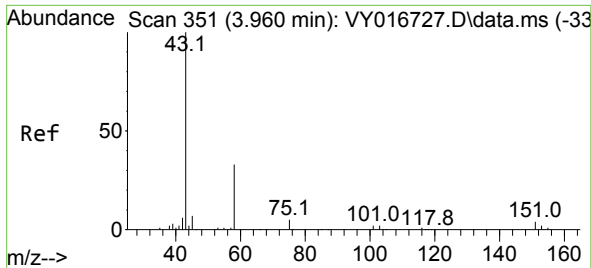
Tgt Ion:168 Resp: 109821
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.973 min Scan# 3

Delta R.T. 0.013 min

Lab File: VY016900.D

Acq: 02 Jan 2024 17:31

Instrument :

MSVOA_Y

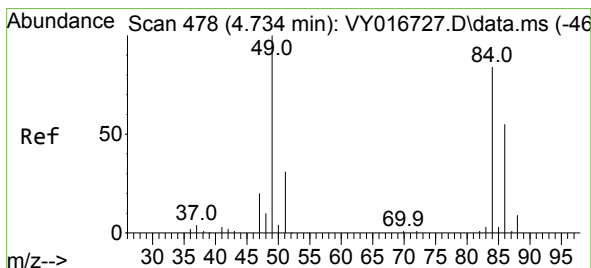
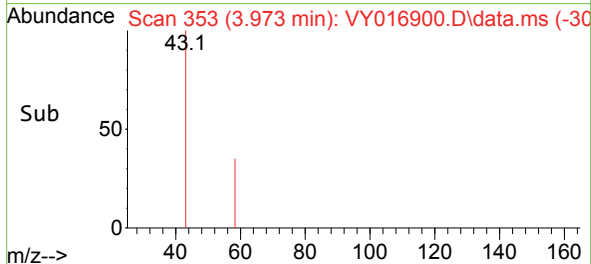
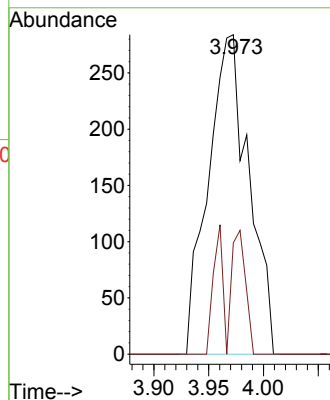
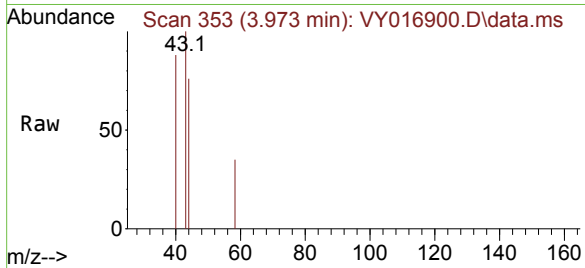
ClientSampleId :

Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

58 34.9 26.6 39.8



#20

Methylene Chloride

Concen: 2.513 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.001 min

Lab File: VY016900.D

Acq: 02 Jan 2024 17:31

Tgt Ion: 84 Resp: 12950

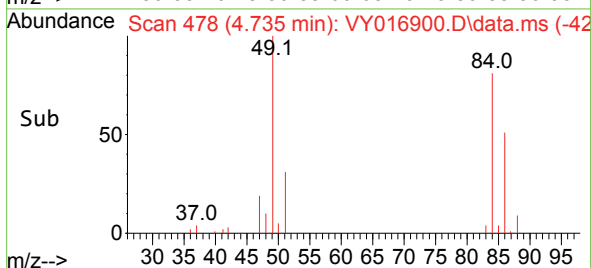
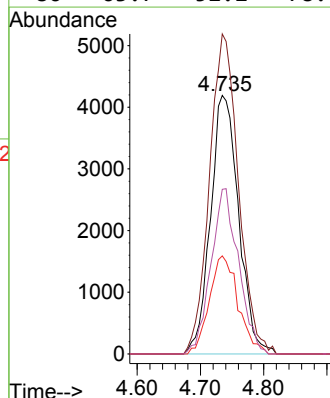
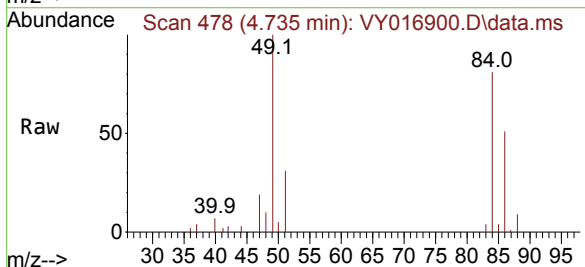
Ion Ratio Lower Upper

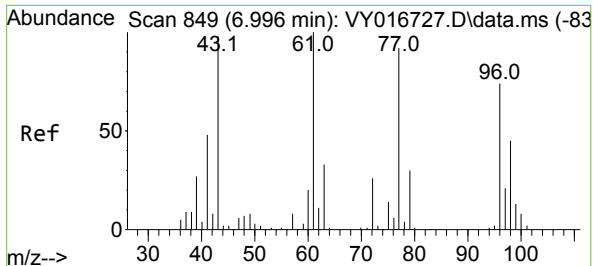
84 100

49 123.8 95.2 142.8

51 38.0 29.9 44.9

86 63.7 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY016900.D

Acq: 02 Jan 2024 17:31

Instrument :

MSVOA_Y

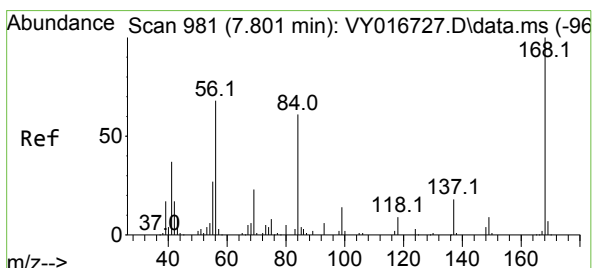
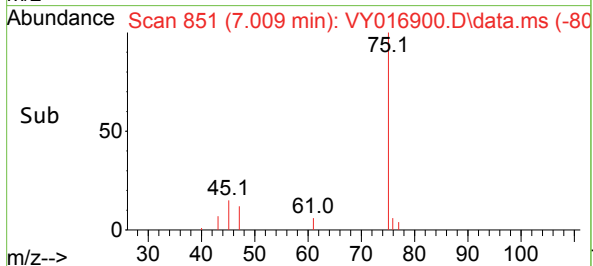
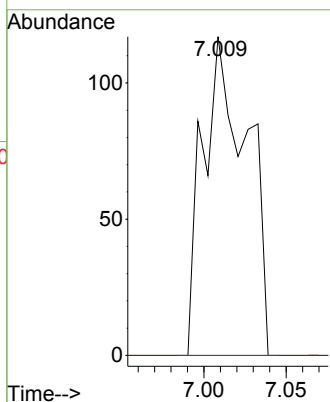
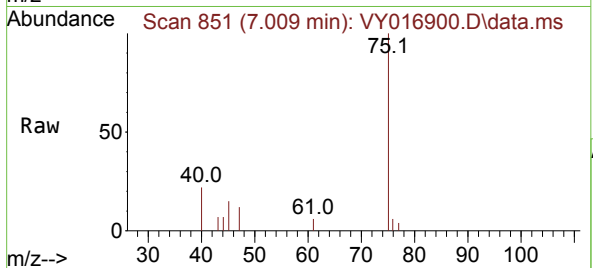
ClientSampleId :

Tgt Ion: 43 Resp: 219

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.407 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY016900.D

Acq: 02 Jan 2024 17:31

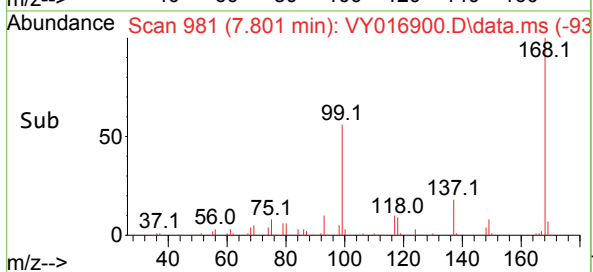
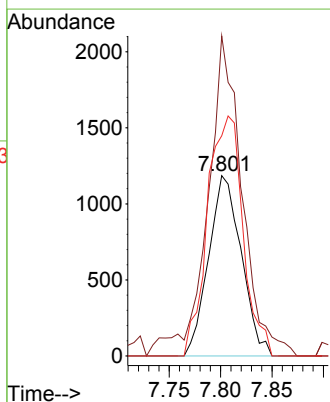
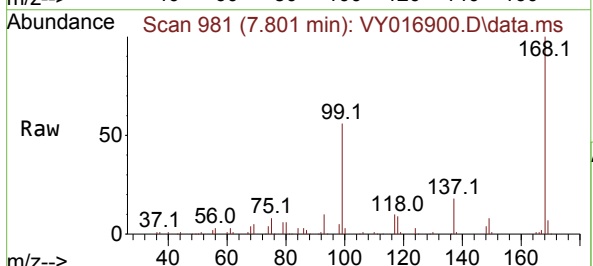
Tgt Ion: 56 Resp: 2622

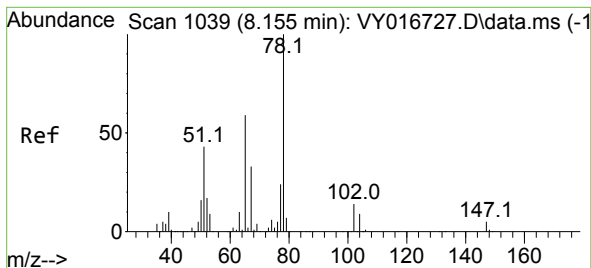
Ion Ratio Lower Upper

56 100

69 169.0 27.0 40.6#

84 122.1 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.956 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016900.D

Acq: 02 Jan 2024 17:31

Instrument :

MSVOA_Y

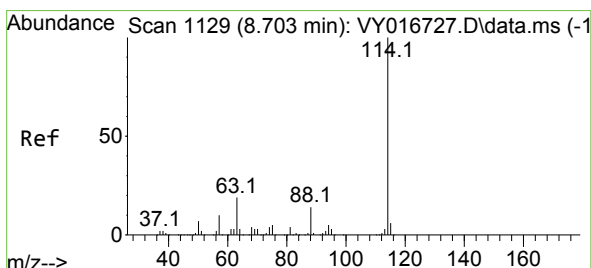
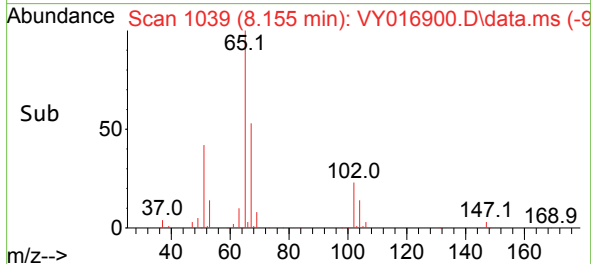
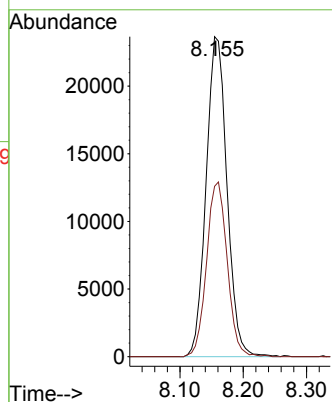
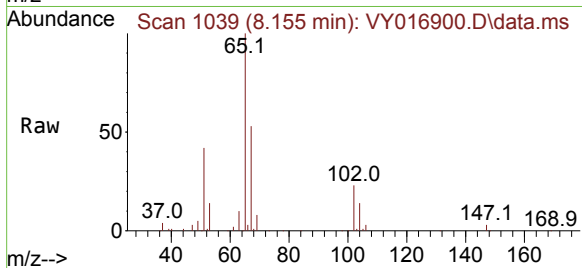
ClientSampleId :

Tgt Ion: 65 Resp: 54224

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016900.D

Acq: 02 Jan 2024 17:31

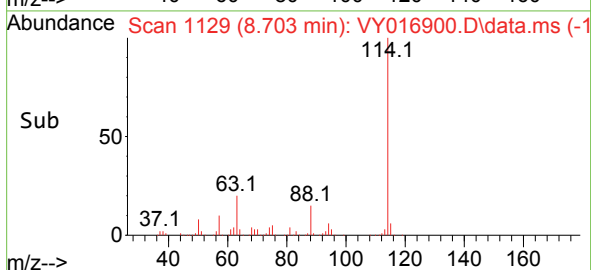
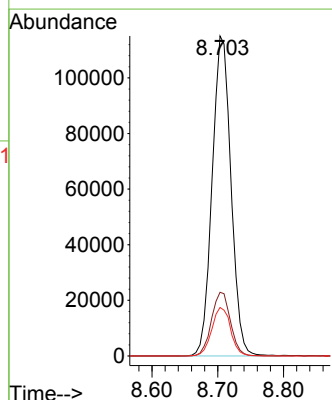
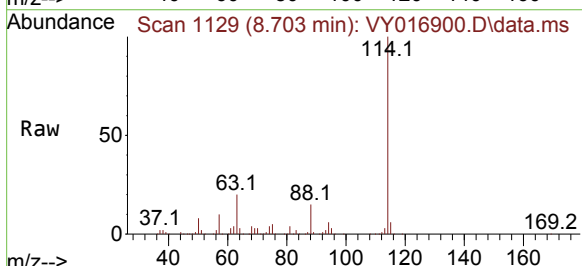
Tgt Ion: 114 Resp: 229210

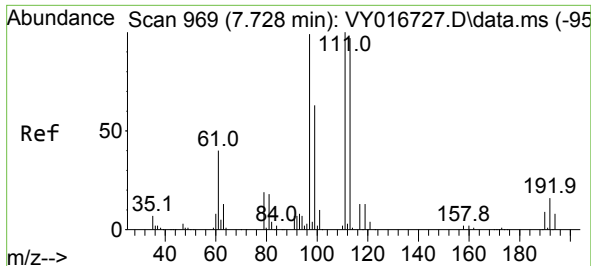
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

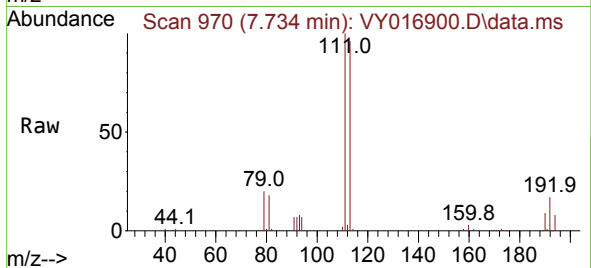
88 15.2 0.0 29.0



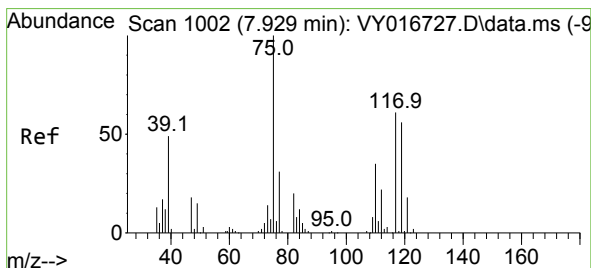
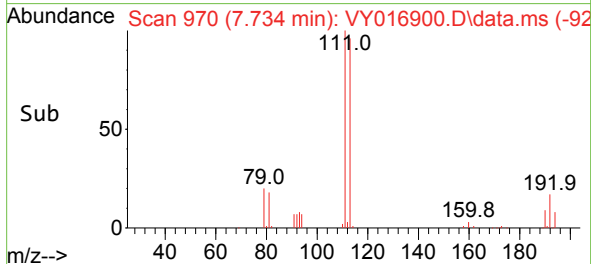
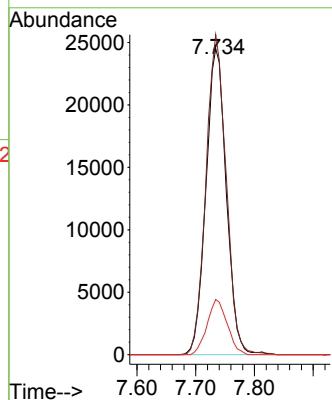


#35
Dibromofluoromethane
Concen: 40.339 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

Instrument :
MSVOA_Y
ClientSampleId :

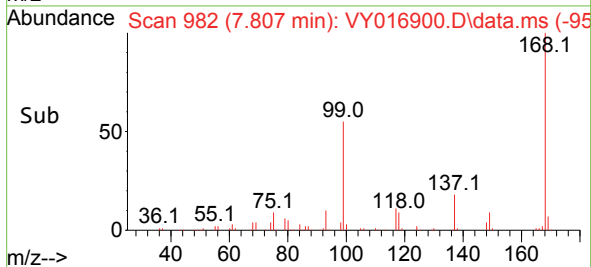
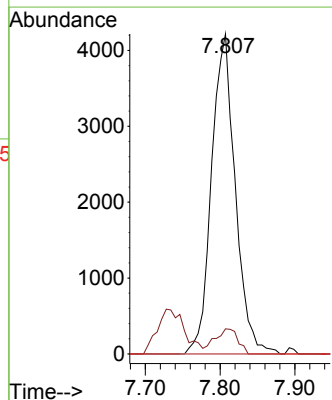
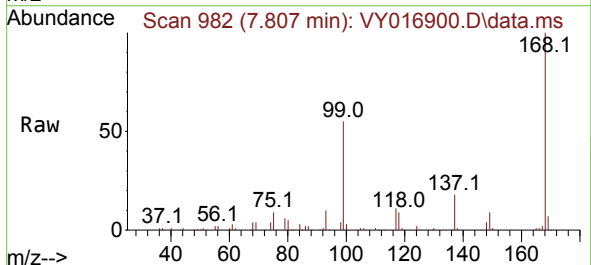


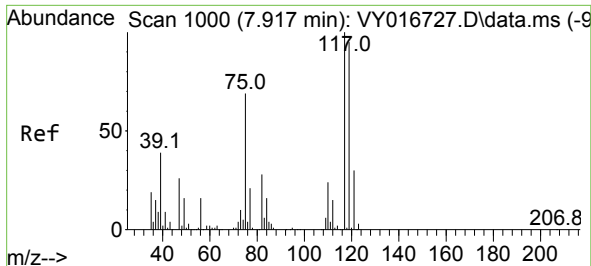
Tgt Ion:113 Resp: 58920
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.372 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

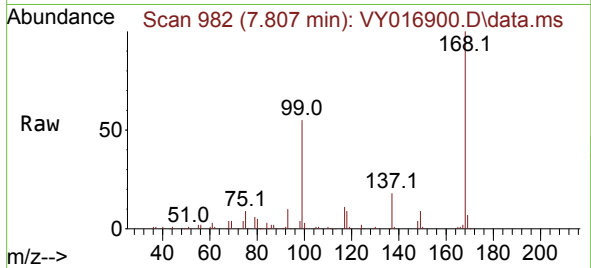
Tgt Ion: 75 Resp: 9306
Ion Ratio Lower Upper
75 100
110 7.7 17.4 52.3#
77 0.0 24.7 37.1#



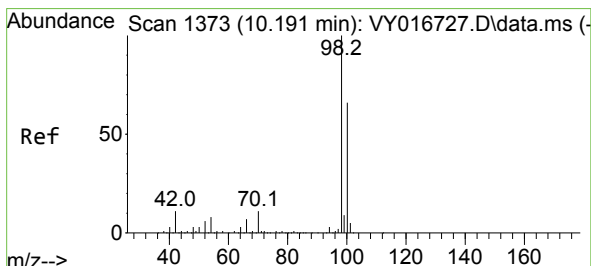
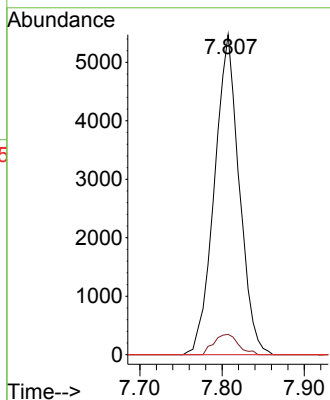
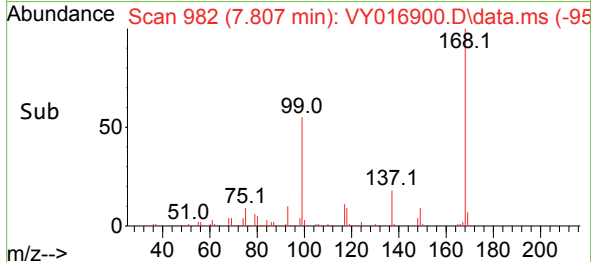


#38
Carbon Tetrachloride
Concen: 5.321 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

Instrument :
MSVOA_Y
ClientSampleId :

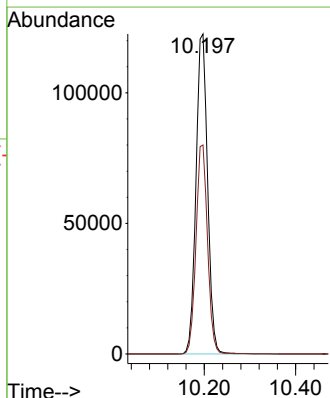
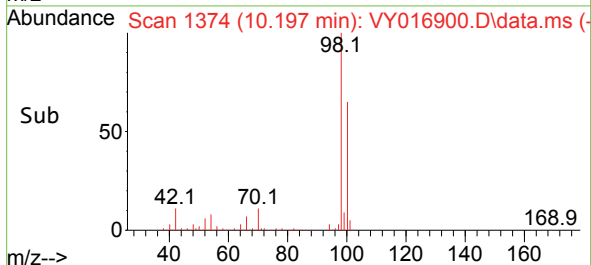
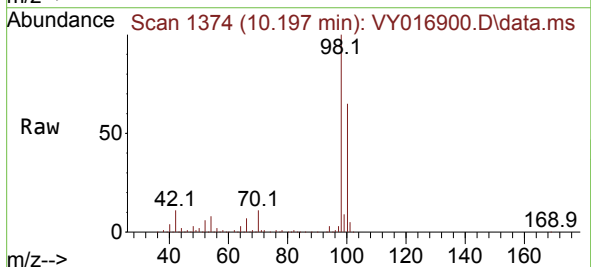


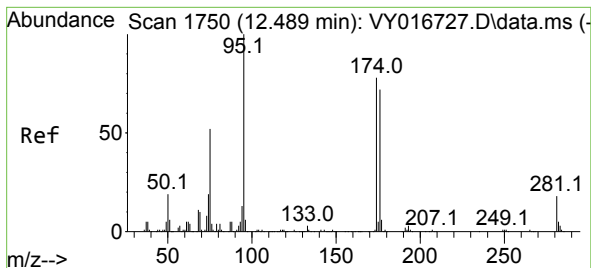
Tgt Ion:117 Resp: 11507
Ion Ratio Lower Upper
117 100
119 6.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 42.859 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

Tgt Ion: 98 Resp: 215567
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

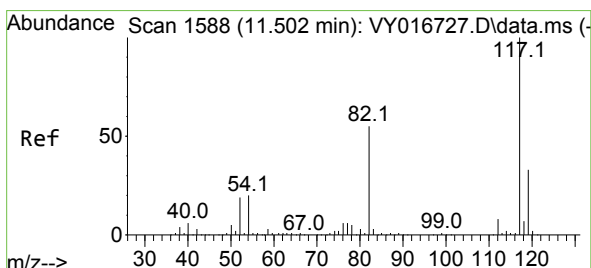
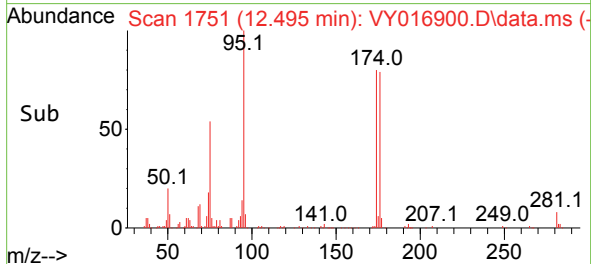
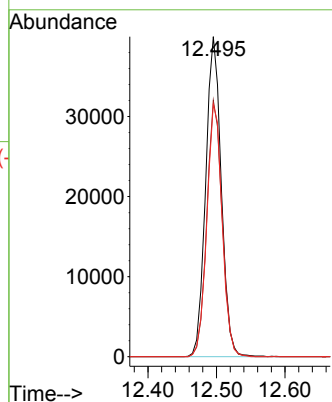
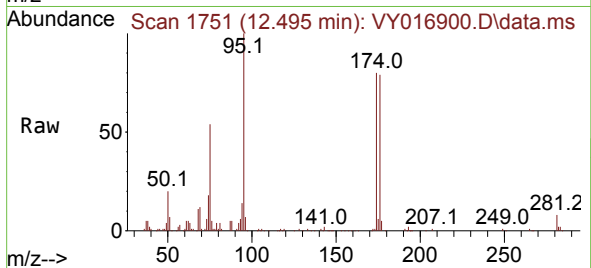




#62
4-Bromofluorobenzene
Concen: 37.140 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

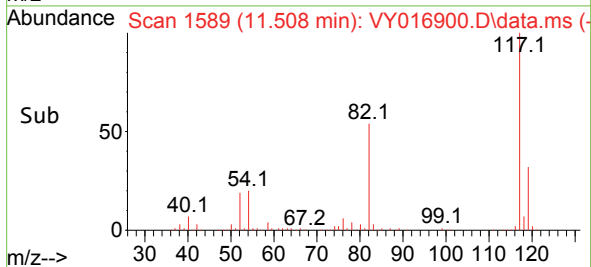
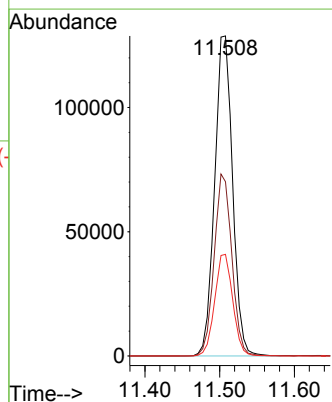
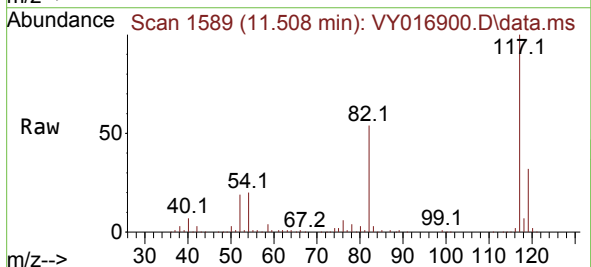
Instrument :
MSVOA_Y
ClientSampleId :

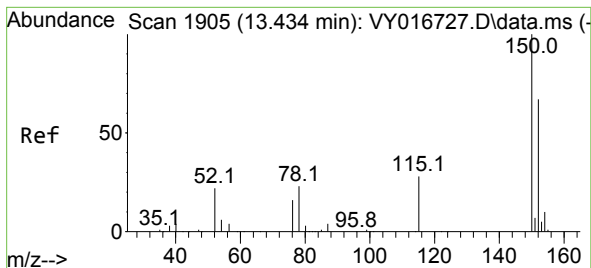
Tgt Ion: 95 Resp: 63025
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 77.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

Tgt Ion: 117 Resp: 214841
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.7 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: VY016900.D

Acq: 02 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

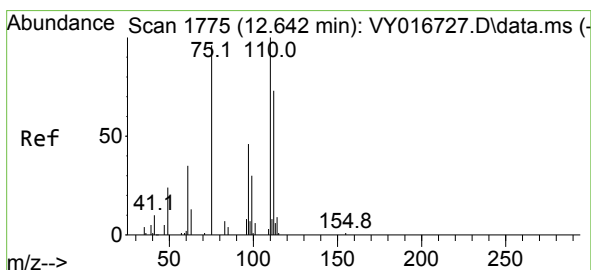
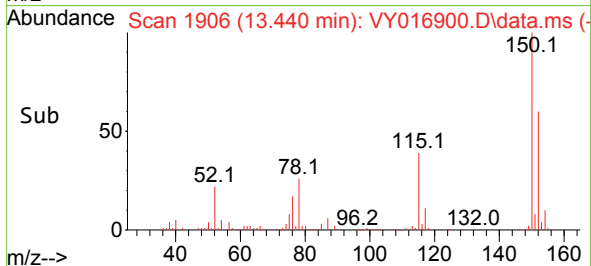
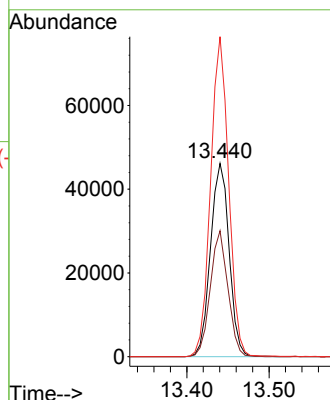
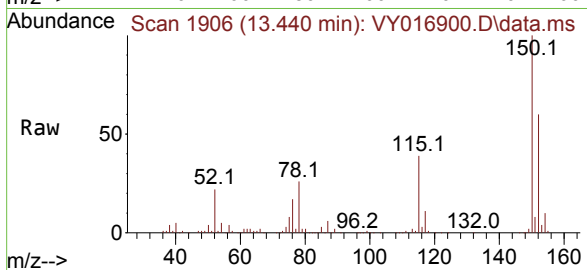
Tgt Ion:152 Resp: 72552

Ion Ratio Lower Upper

152 100

115 61.7 30.0 90.0

150 160.2 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 42.242 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016900.D

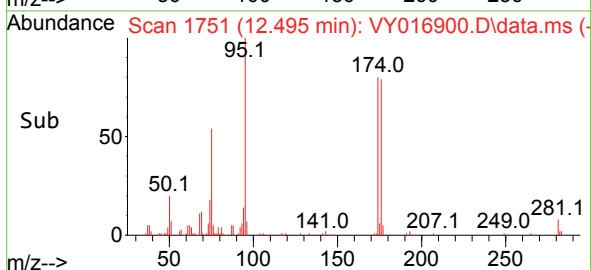
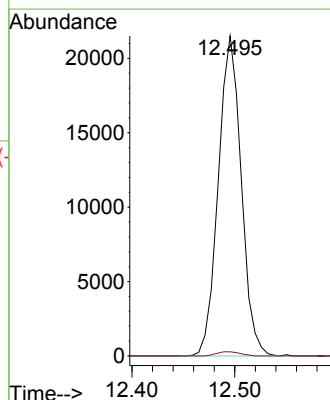
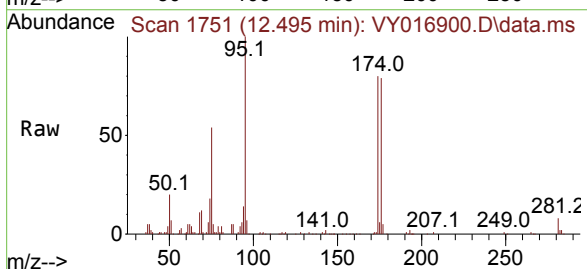
Acq: 02 Jan 2024 17:31

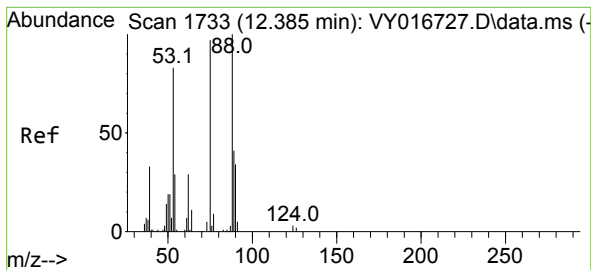
Tgt Ion: 75 Resp: 33258

Ion Ratio Lower Upper

75 100

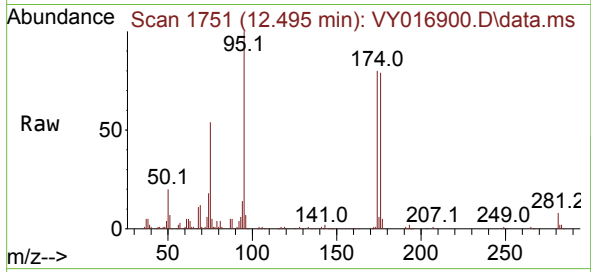
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.921 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016900.D
 Acq: 02 Jan 2024 17:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33258
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

