

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016910.D
 Acq On : 03 Jan 2024 15:02
 Operator : SY/MD
 Sample : P1005-02RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 04 00:32:45 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)

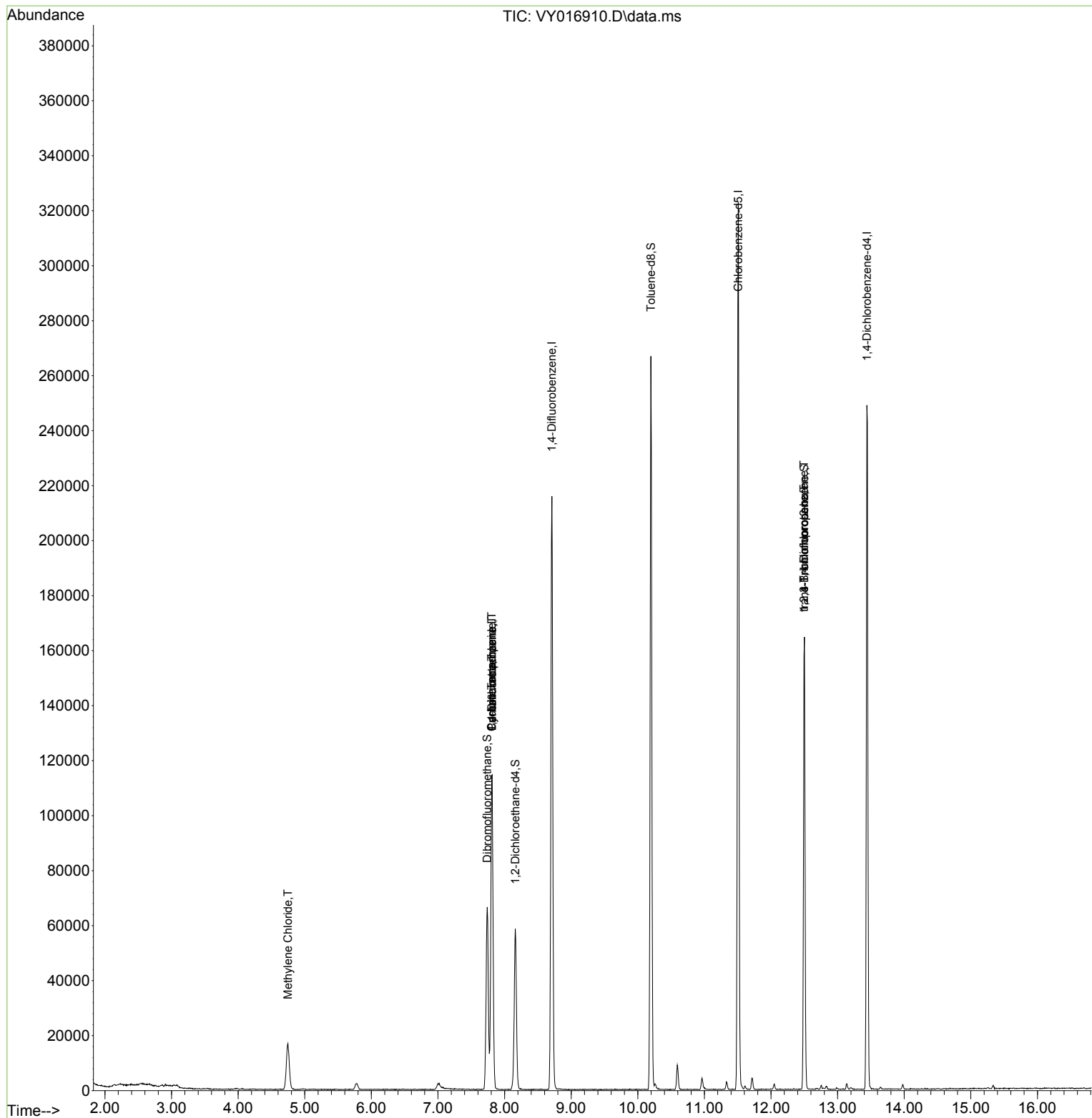
Internal Standards						
1) Pentafluorobenzene	7.813	168	88848	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	184731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	176640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	63162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44319	50.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.940%	
35) Dibromofluoromethane	7.740	113	48321	41.048	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 82.100%	
50) Toluene-d8	10.197	98	172752	42.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.240%	
62) 4-Bromofluorobenzene	12.501	95	50735	37.097	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 74.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	314	Below Cal	#	75
16) Acetone	3.960	43	297	Below Cal	#	41
20) Methylene Chloride	4.747	84	13095	5.064	ug/l	99
25) 2-Butanone	7.015	43	50	Below Cal	#	48
31) Cyclohexane	7.807	56	2115	1.403	ug/l	# 1
36) 1,1-Dichloropropene	7.807	75	7726	4.503	ug/l	# 49
38) Carbon Tetrachloride	7.807	117	9207	5.282	ug/l	# 16
76) 1,2,3-Trichloropropane	12.495	75	27668	40.366	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.495	75	27668	91.662	ug/l	# 12

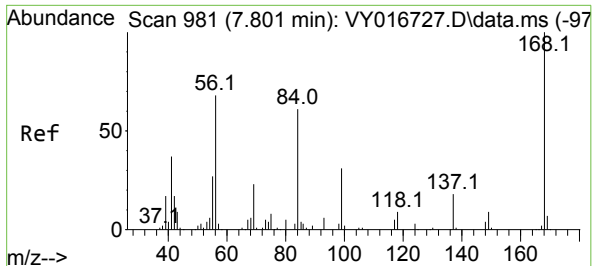
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

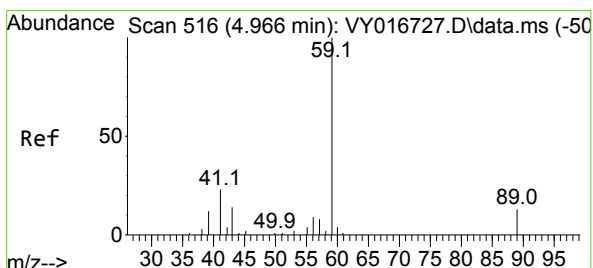
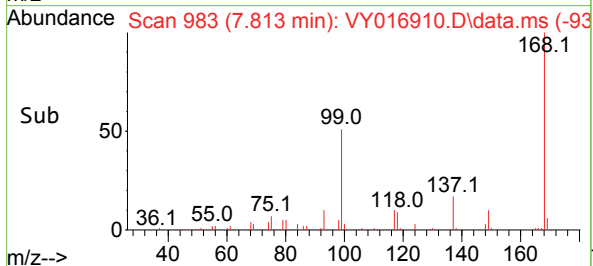
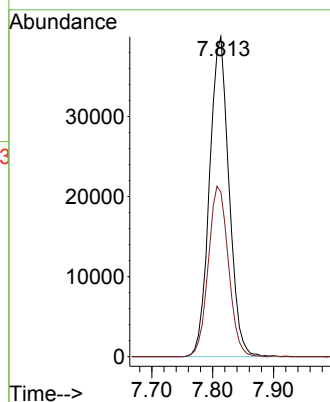
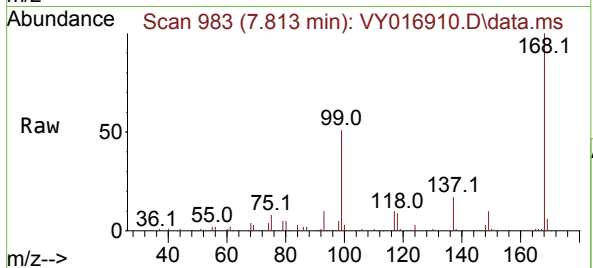




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

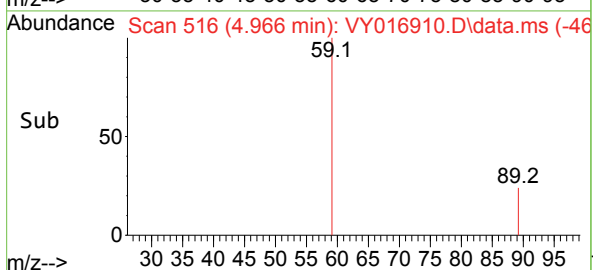
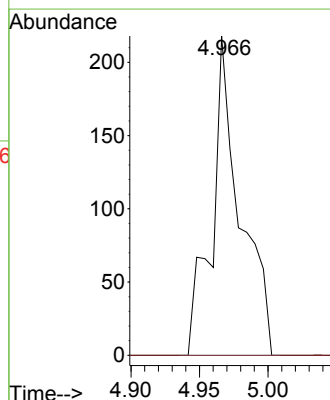
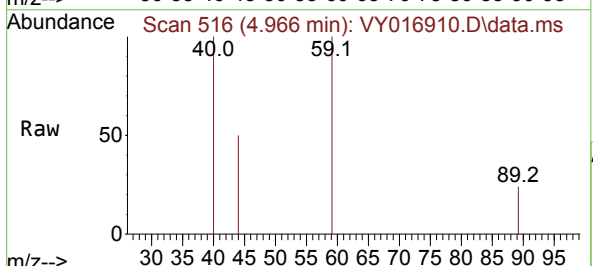
Instrument :
MSVOA_Y
ClientSampleId :

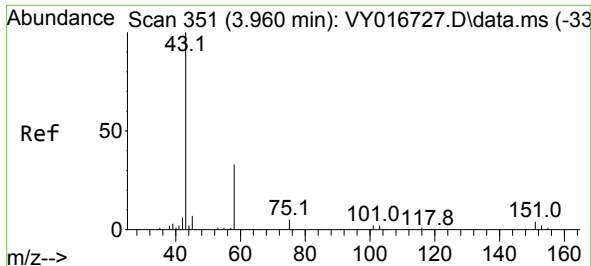
Tgt Ion:168 Resp: 88848
Ion Ratio Lower Upper
168 100
99 51.5 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

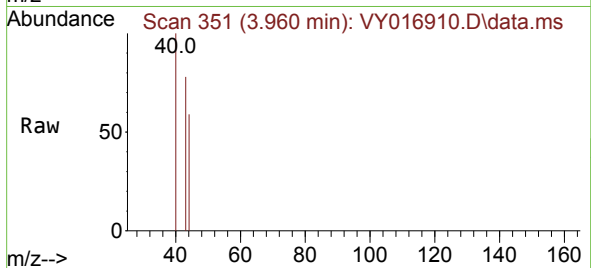
Tgt Ion: 59 Resp: 314
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



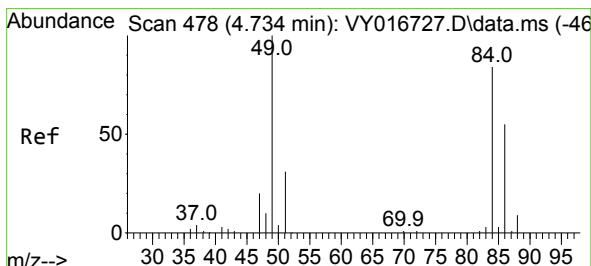
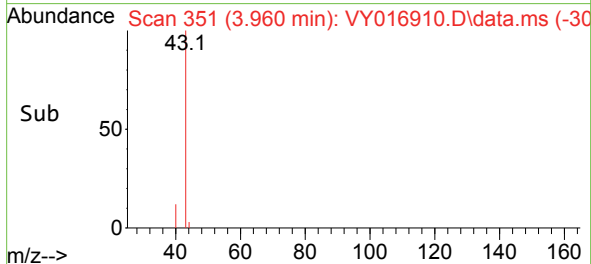
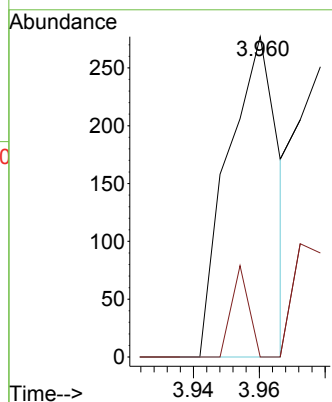


#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :

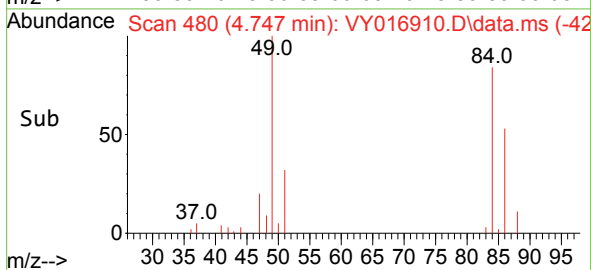
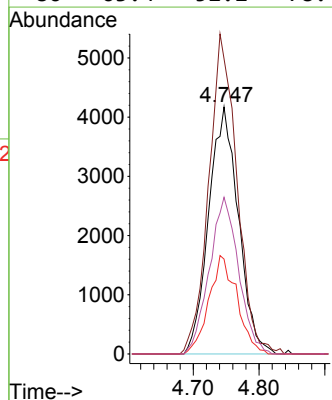
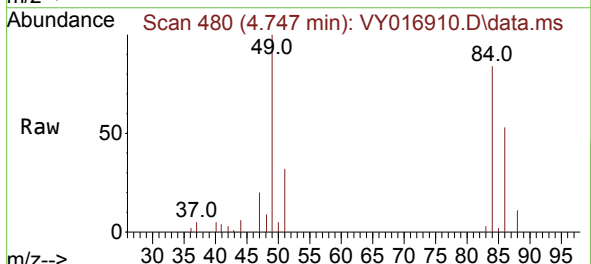


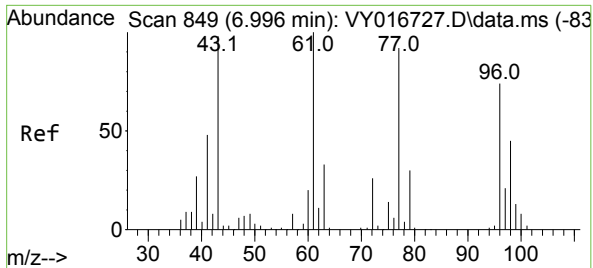
Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#20
Methylene Chloride
Concen: 5.064 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

Tgt Ion: 84 Resp: 13095
Ion Ratio Lower Upper
84 100
49 119.5 95.2 142.8
51 38.4 29.9 44.9
86 63.4 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.015 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY016910.D

Acq: 03 Jan 2024 15:02

Instrument :

MSVOA_Y

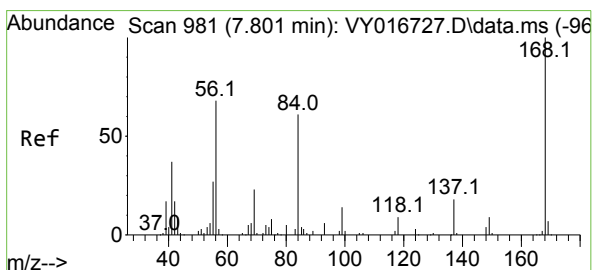
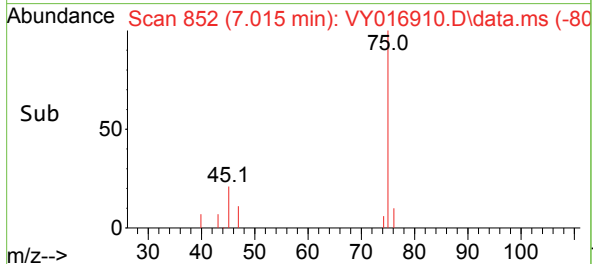
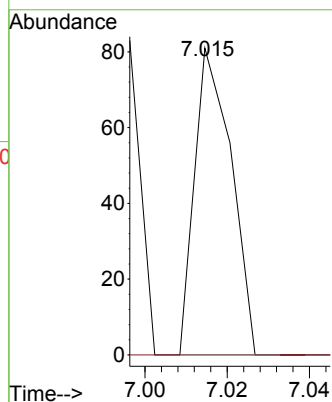
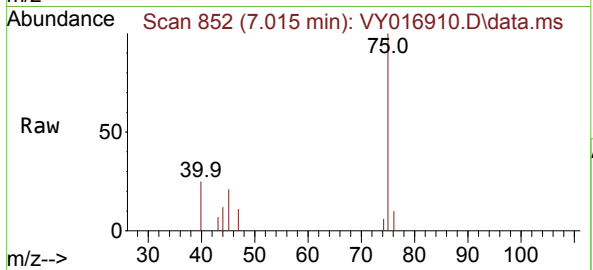
ClientSampleId :

Tgt Ion: 43 Resp: 50

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.403 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY016910.D

Acq: 03 Jan 2024 15:02

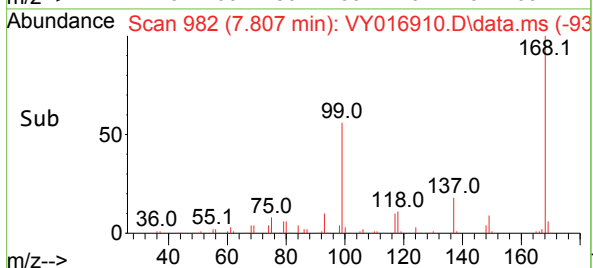
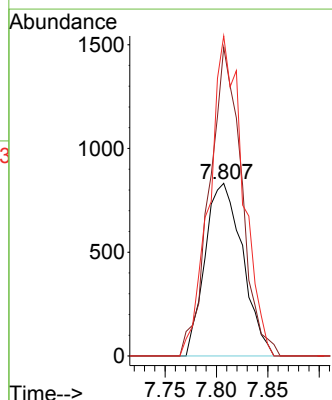
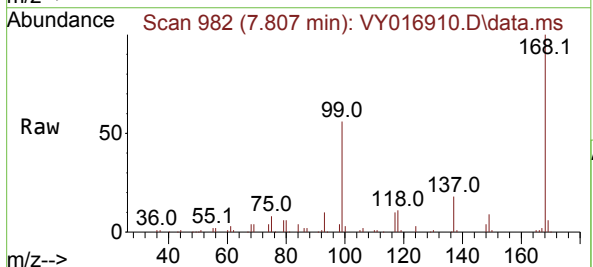
Tgt Ion: 56 Resp: 2115

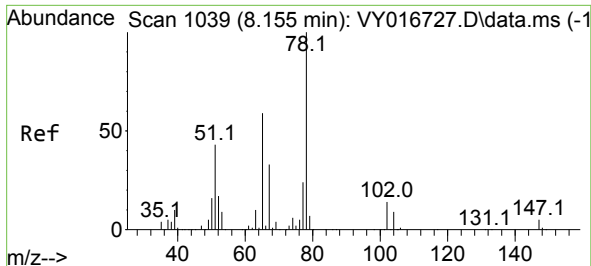
Ion Ratio Lower Upper

56 100

69 178.7 27.0 40.6#

84 185.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 50.469 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016910.D

Acq: 03 Jan 2024 15:02

Instrument :

MSVOA_Y

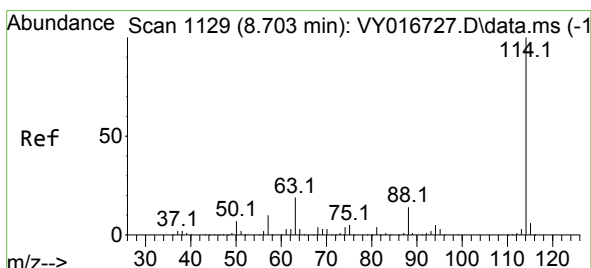
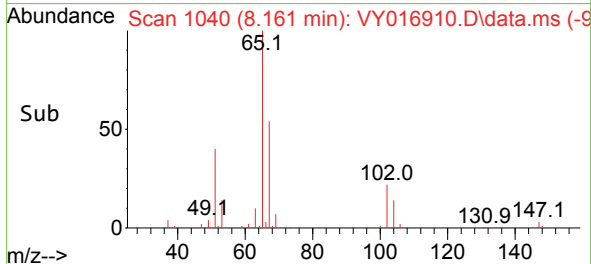
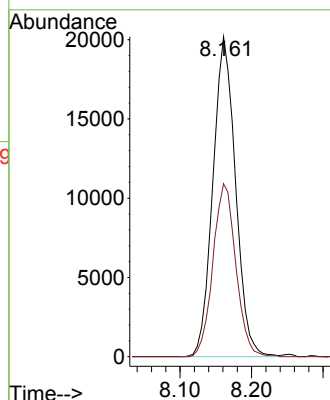
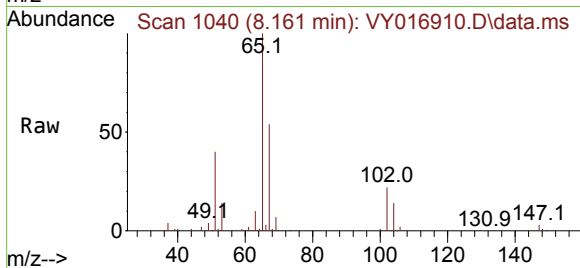
ClientSampleId :

Tgt Ion: 65 Resp: 44319

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016910.D

Acq: 03 Jan 2024 15:02

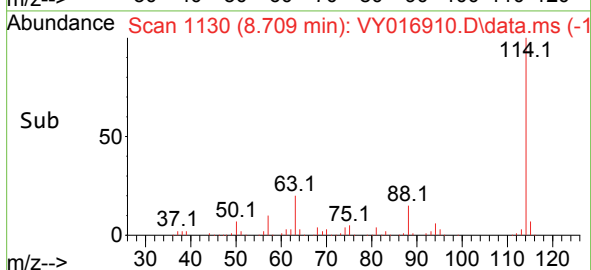
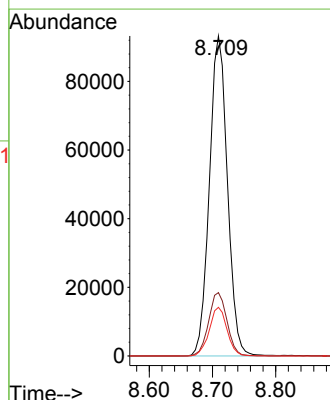
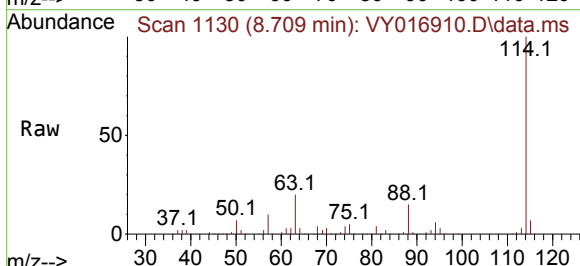
Tgt Ion: 114 Resp: 184731

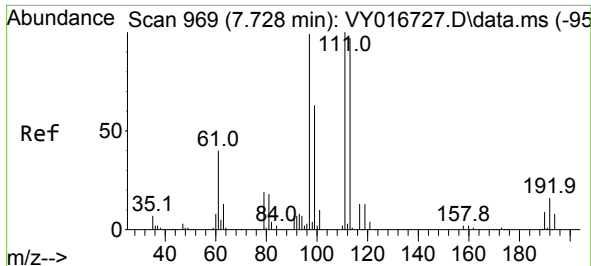
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

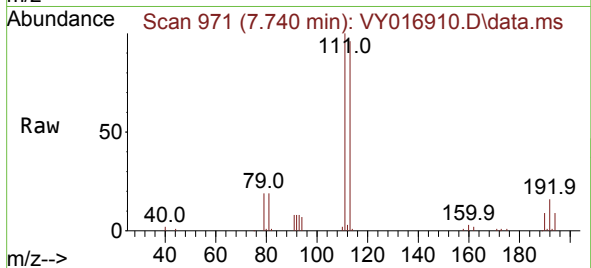
88 15.2 0.0 29.0



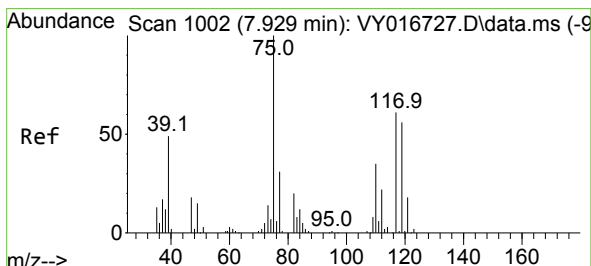
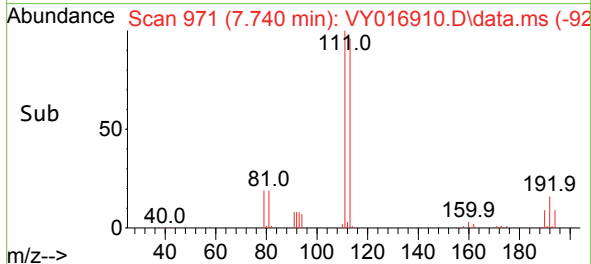
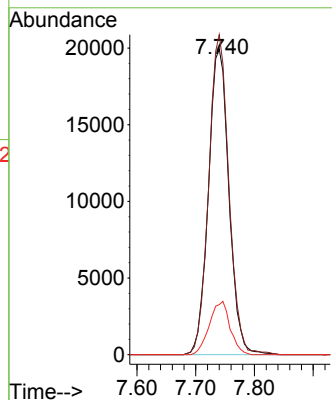


#35
Dibromofluoromethane
Concen: 41.048 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :

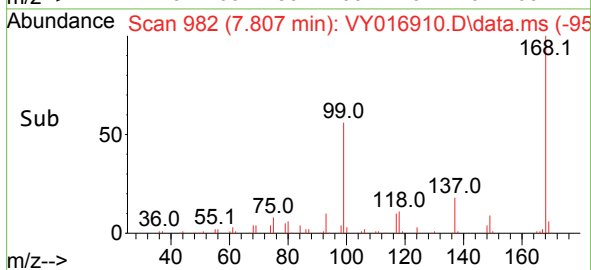
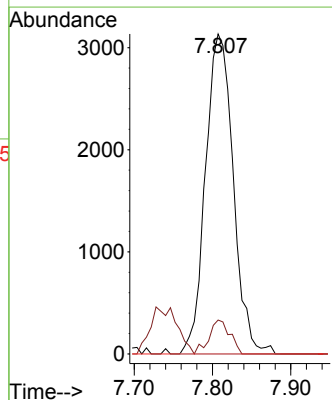
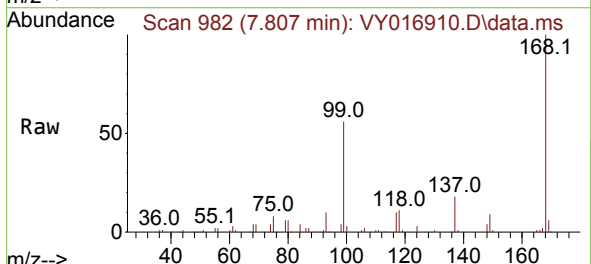


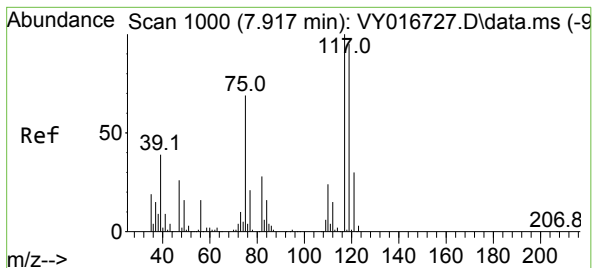
Tgt Ion:113 Resp: 48321
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.503 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

Tgt Ion: 75 Resp: 7726
Ion Ratio Lower Upper
75 100
110 7.9 17.4 52.3#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.282 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.110 min

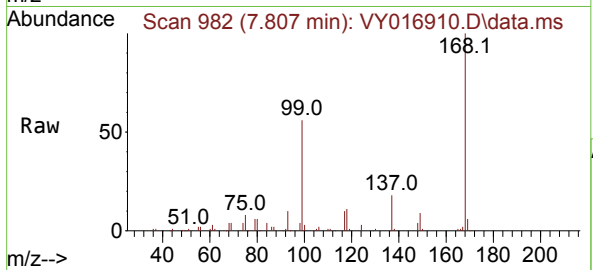
Lab File: VY016910.D

Acq: 03 Jan 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :



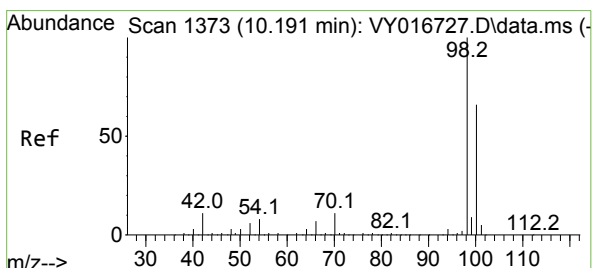
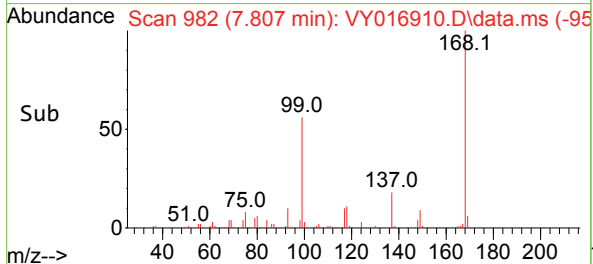
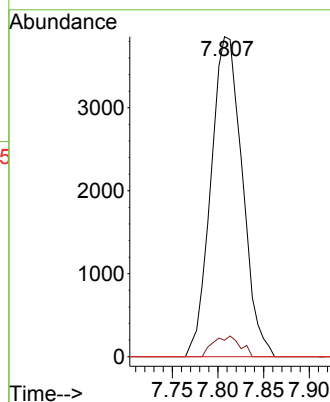
Tgt Ion:117 Resp: 9207

Ion Ratio Lower Upper

117 100

119 5.2 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 42.617 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016910.D

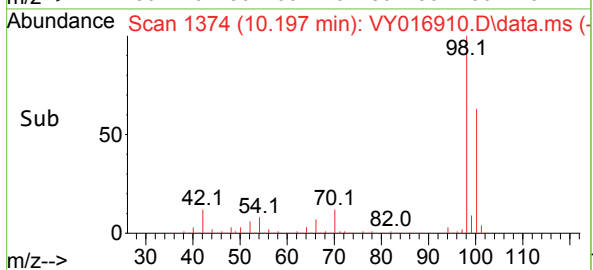
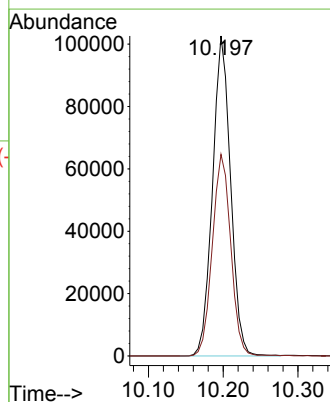
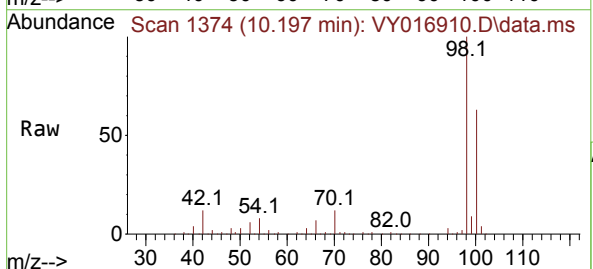
Acq: 03 Jan 2024 15:02

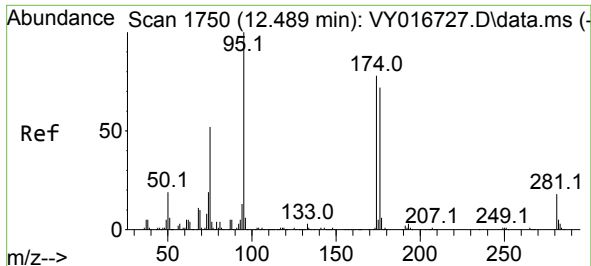
Tgt Ion: 98 Resp: 172752

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5

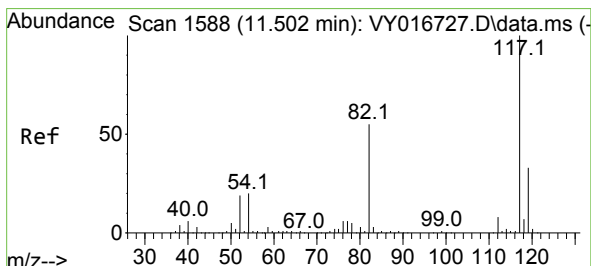
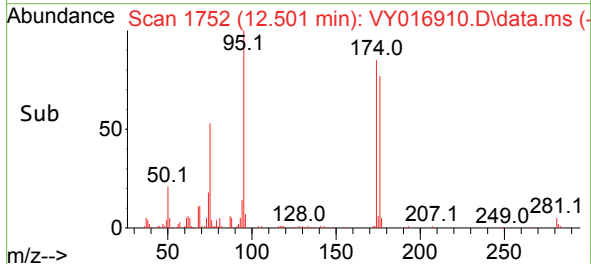
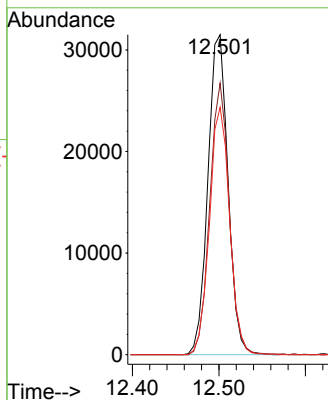
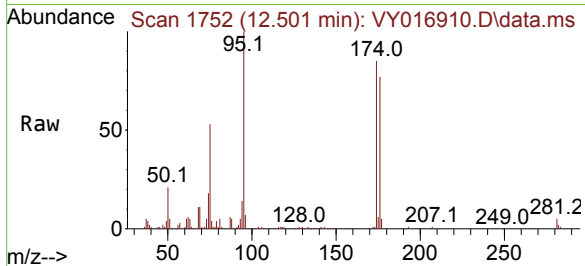




#62
4-Bromofluorobenzene
Concen: 37.097 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

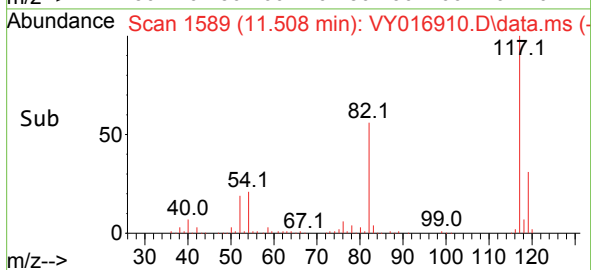
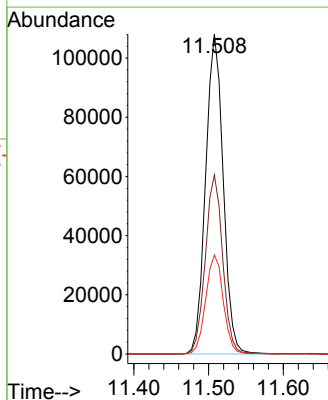
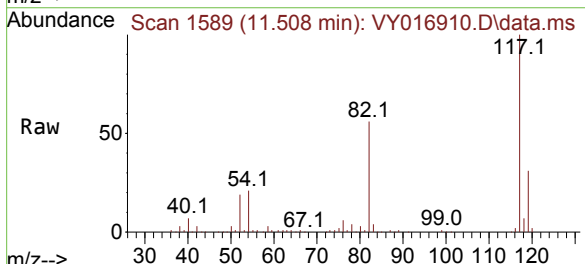
Instrument :
MSVOA_Y
ClientSampleId :

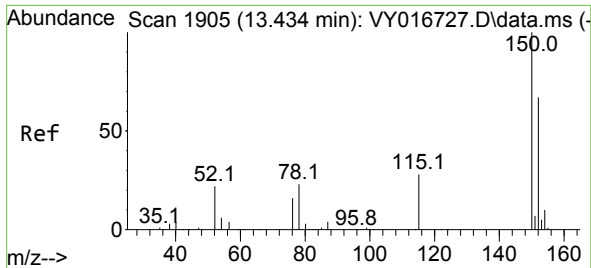
Tgt Ion: 95 Resp: 50735
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.0
176 77.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016910.D
Acq: 03 Jan 2024 15:02

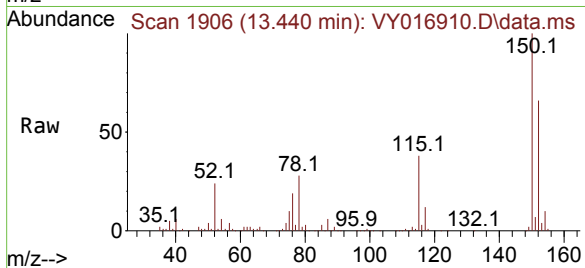
Tgt Ion: 117 Resp: 176640
Ion Ratio Lower Upper
117 100
82 56.0 43.8 65.8
119 30.9 26.5 39.7



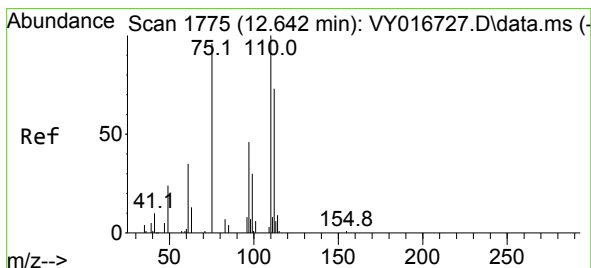
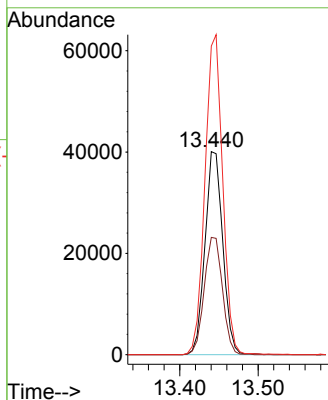
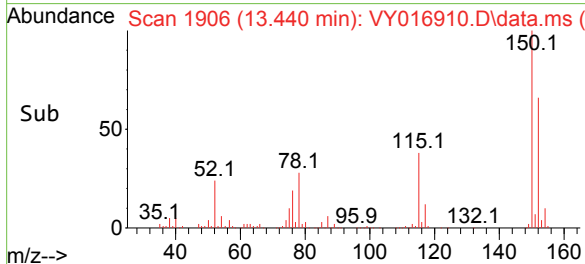


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY016910.D
 Acq: 03 Jan 2024 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :

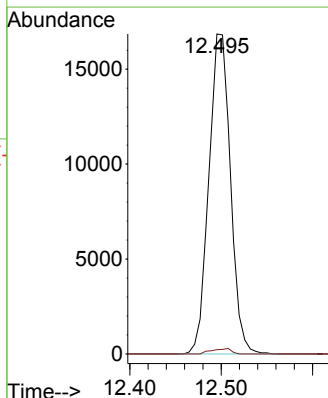
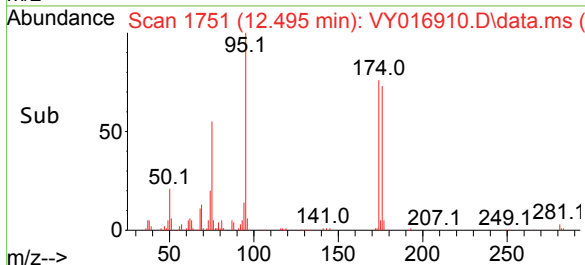
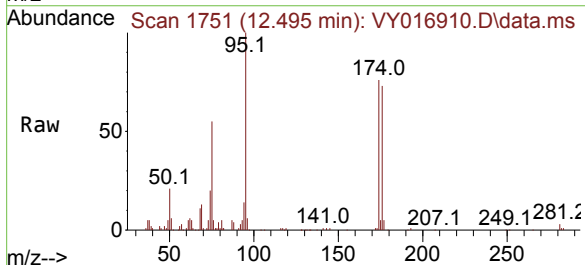


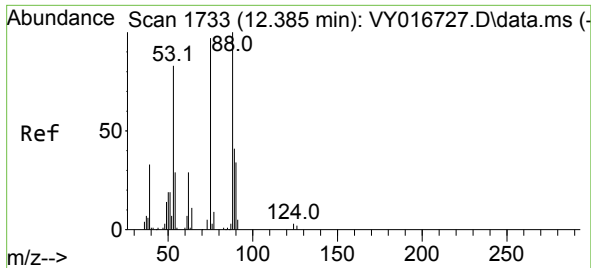
Tgt Ion:152 Resp: 63162
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.0 90.0
 150 156.8 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 40.366 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.147 min
 Lab File: VY016910.D
 Acq: 03 Jan 2024 15:02

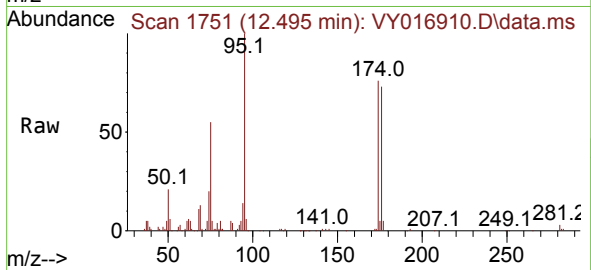
Tgt Ion: 75 Resp: 27668
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.662 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016910.D
 Acq: 03 Jan 2024 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 27668
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

