

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016992.D
 Acq On : 12 Jan 2024 14:58
 Operator : SY/MD
 Sample : P1123-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:06:16 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)

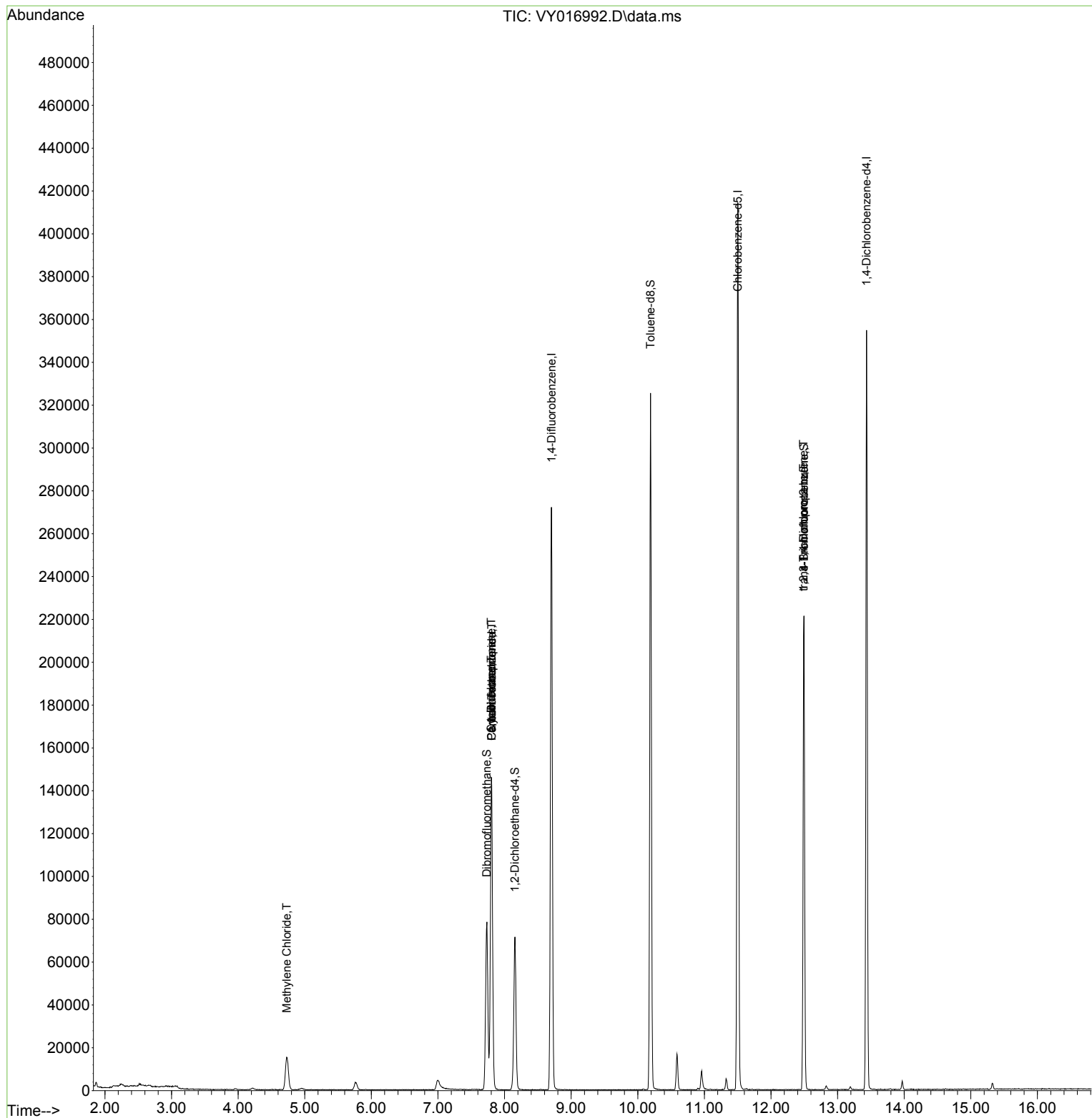
Internal Standards						
1) Pentafluorobenzene	7.807	168	110308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	234916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	229070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54025	49.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.734	113	56335	37.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.260%
50) Toluene-d8	10.191	98	208104	40.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.740%
62) 4-Bromofluorobenzene	12.496	95	66562	38.272	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	722	Below Cal	#	75
16) Acetone	3.948	43	771	Below Cal		93
20) Methylene Chloride	4.729	84	12079	1.787	ug/l	94
25) 2-Butanone	7.003	43	189	Below Cal	#	48
31) Cyclohexane	7.801	56	2351	1.256	ug/l	# 3
36) 1,1-Dichloropropene	7.801	75	9513	4.361	ug/l	# 49
38) Carbon Tetrachloride	7.807	117	11449	5.165	ug/l	# 16
76) 1,2,3-Trichloropropane	12.489	75	34563	36.788	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	34563	83.536	ug/l	# 12

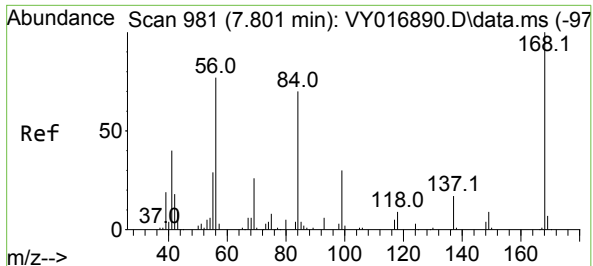
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 00:06:16 2024
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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

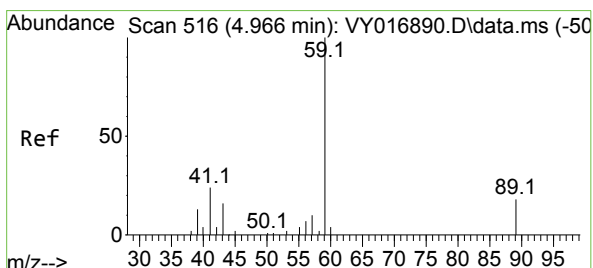
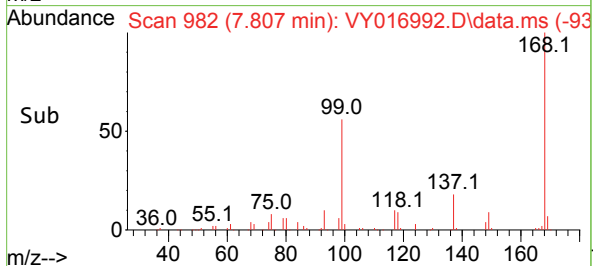
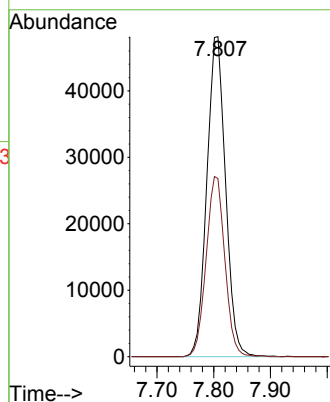
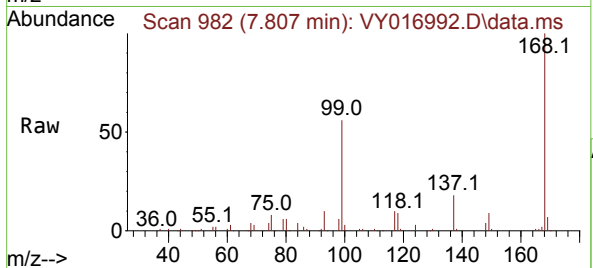




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

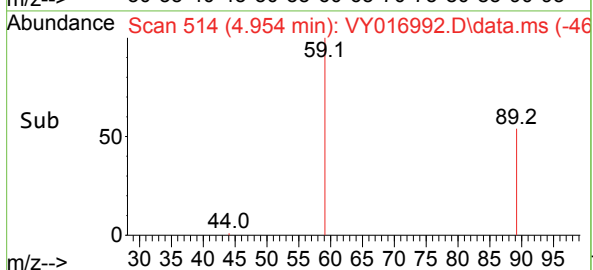
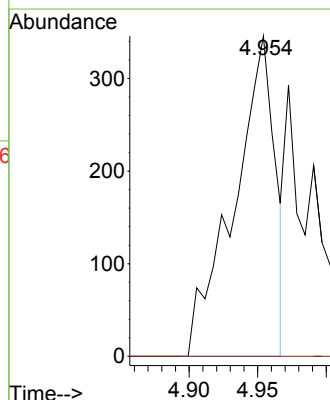
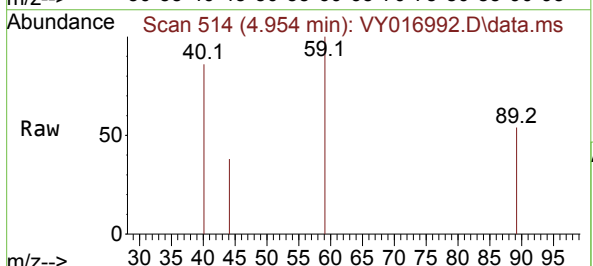
Instrument :
MSVOA_Y
ClientSampleId :

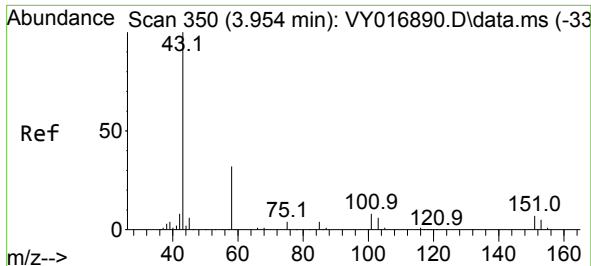
Tgt Ion:168 Resp: 110308
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

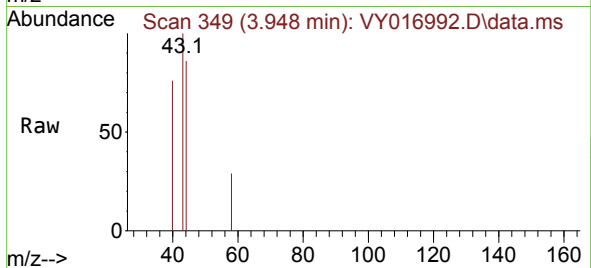
Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



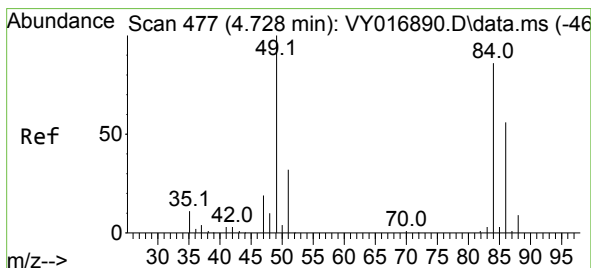
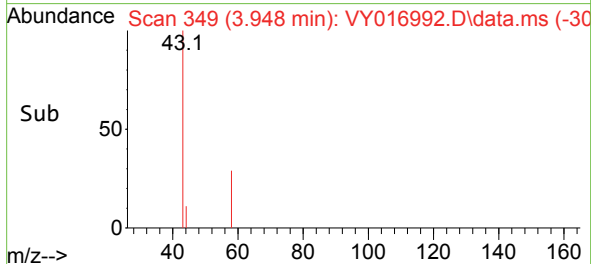
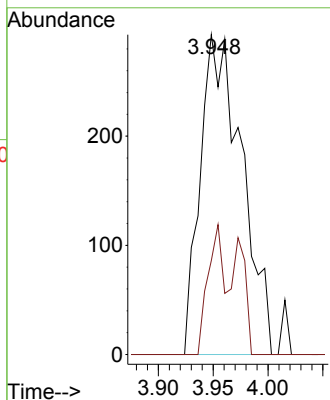


#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

Instrument :
MSVOA_Y
ClientSampleId :

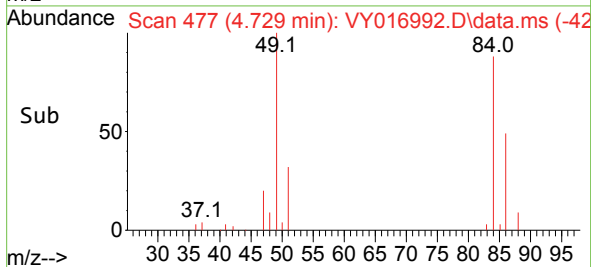
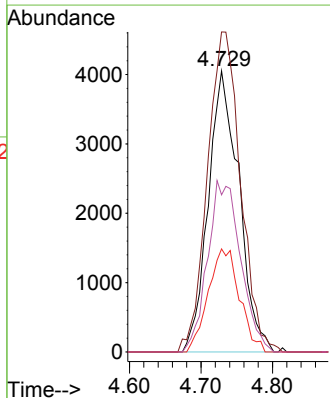
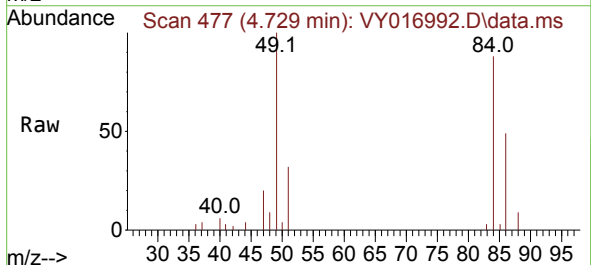


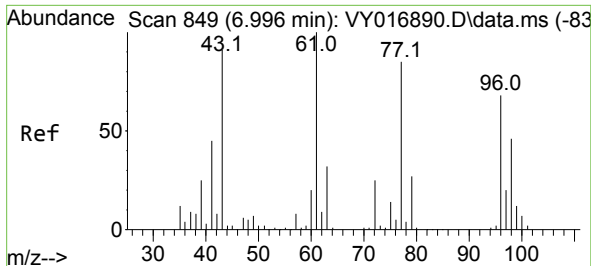
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 29.4 26.6 39.8



#20
Methylene Chloride
Concen: 1.787 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.005 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

Tgt Ion: 84 Resp: 12079
Ion Ratio Lower Upper
84 100
49 113.9 95.2 142.8
51 36.7 29.9 44.9
86 55.9 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 7.003 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY016992.D

Acq: 12 Jan 2024 14:58

Instrument :

MSVOA_Y

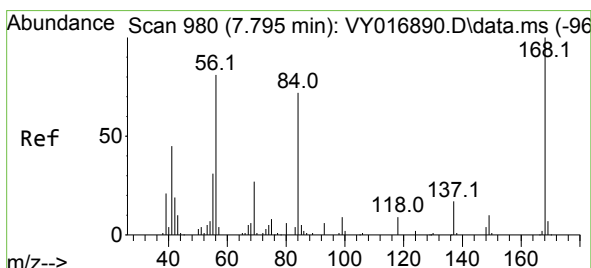
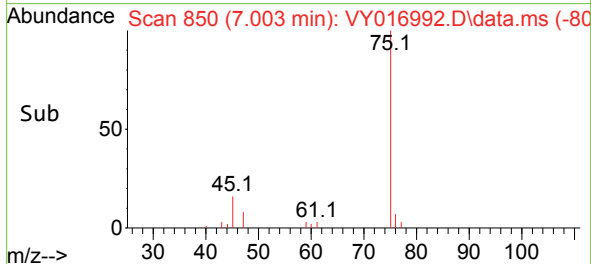
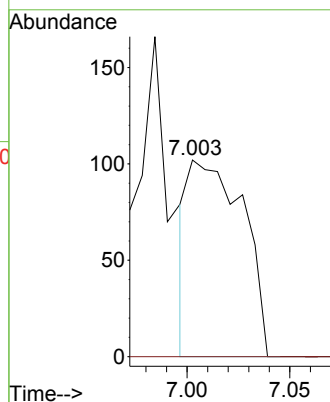
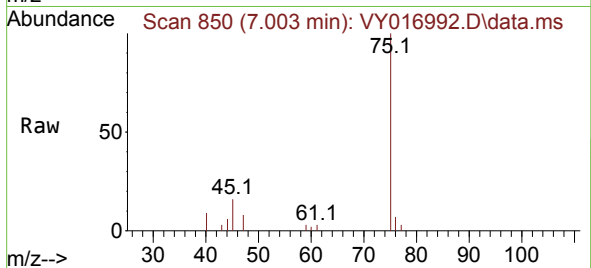
ClientSampleId :

Tgt Ion: 43 Resp: 189

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY016992.D

Acq: 12 Jan 2024 14:58

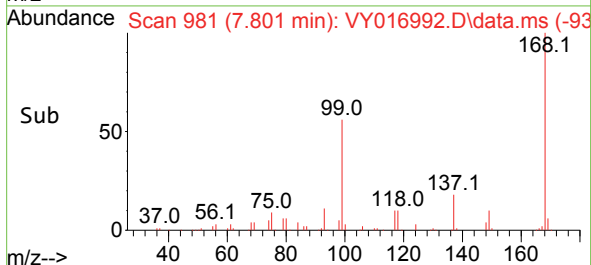
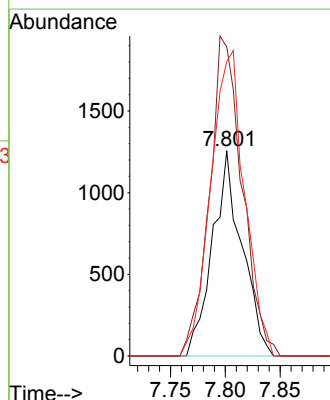
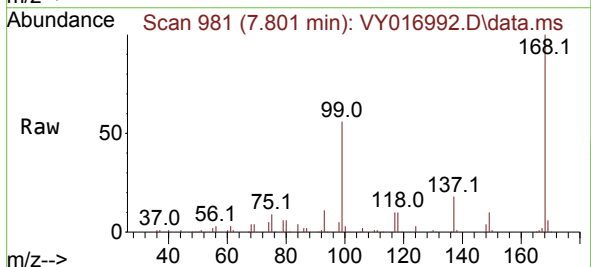
Tgt Ion: 56 Resp: 2351

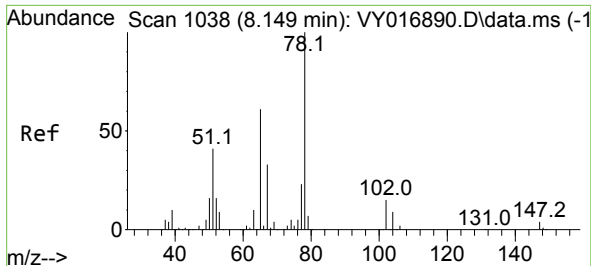
Ion Ratio Lower Upper

56 100

69 150.5 27.0 40.6#

84 143.4 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 49.553 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VY016992.D

Acq: 12 Jan 2024 14:58

Instrument :

MSVOA_Y

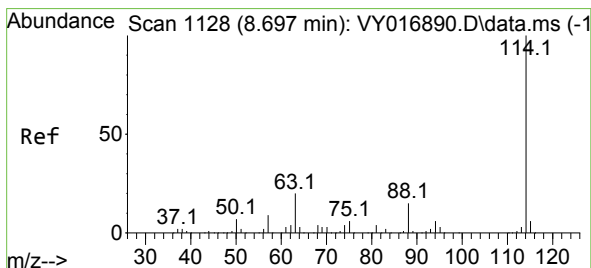
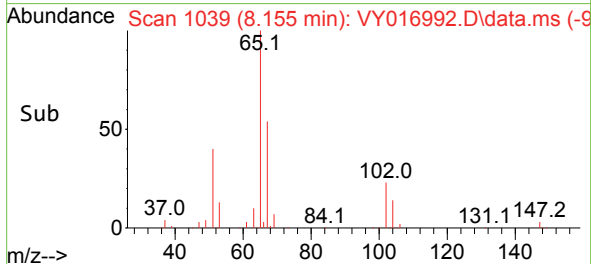
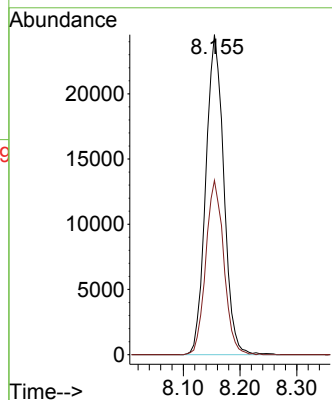
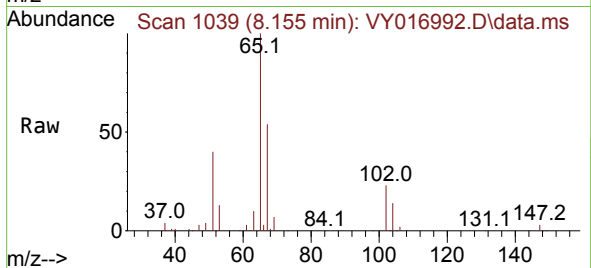
ClientSampleId :

Tgt Ion: 65 Resp: 54025

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.001 min

Lab File: VY016992.D

Acq: 12 Jan 2024 14:58

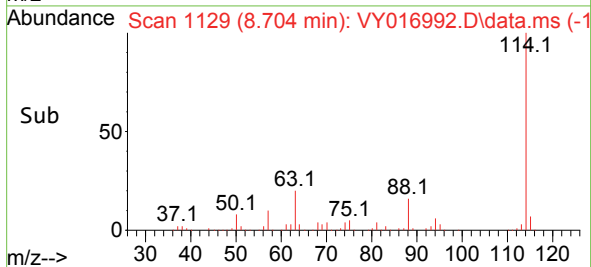
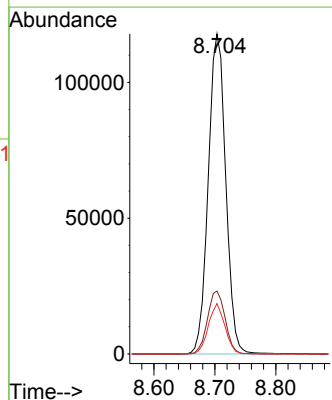
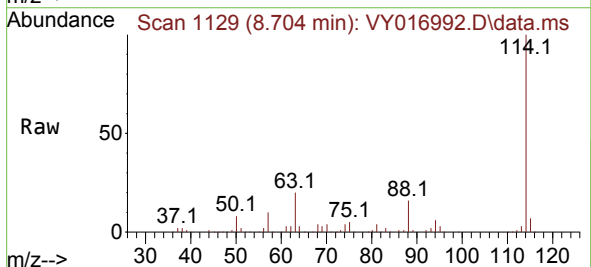
Tgt Ion: 114 Resp: 234916

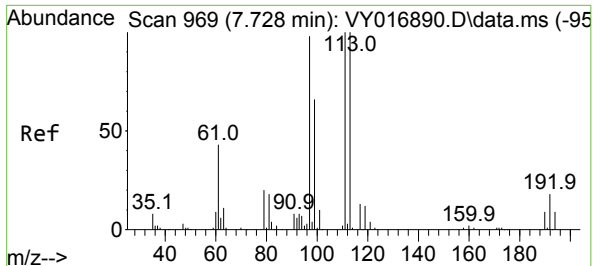
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.8 0.0 29.0

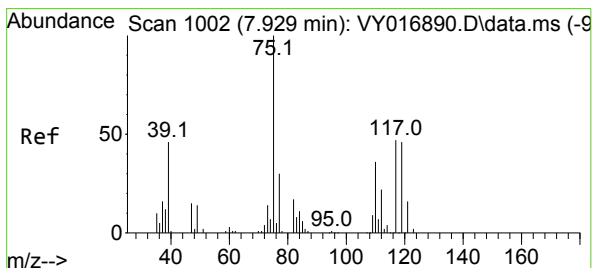
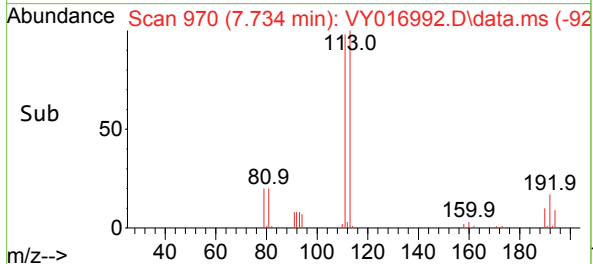
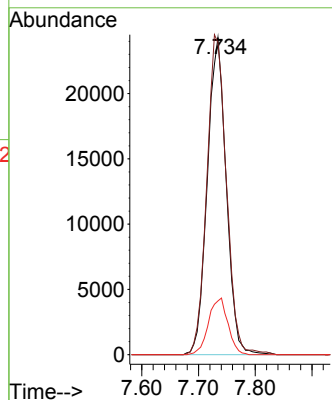
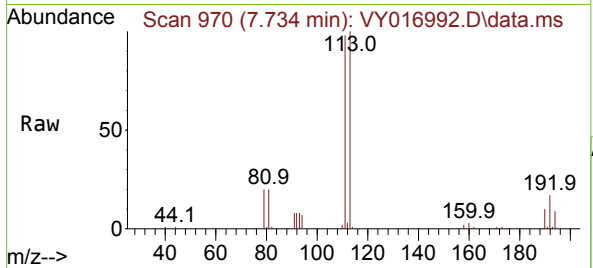




#35
Dibromofluoromethane
Concen: 37.633 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

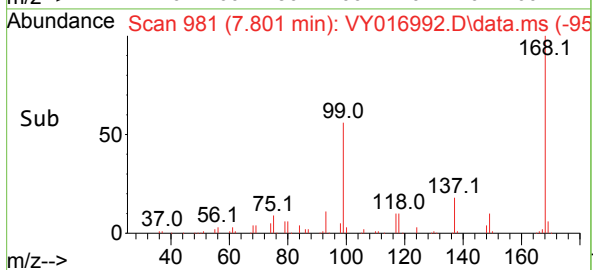
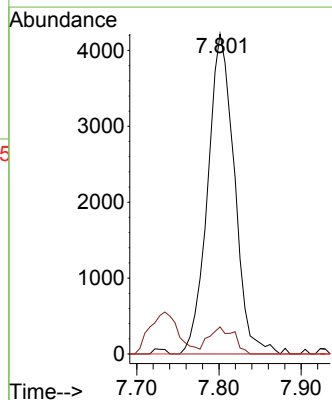
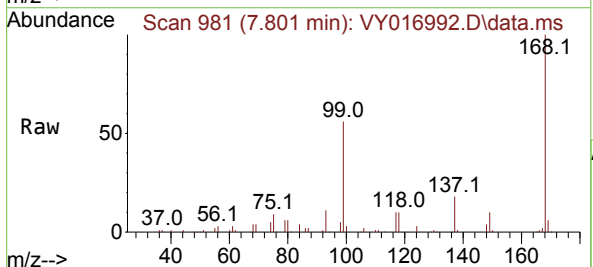
Instrument :
MSVOA_Y
ClientSampleId :

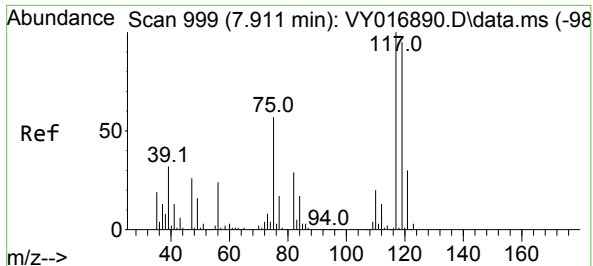
Tgt Ion:113 Resp: 56335
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.361 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

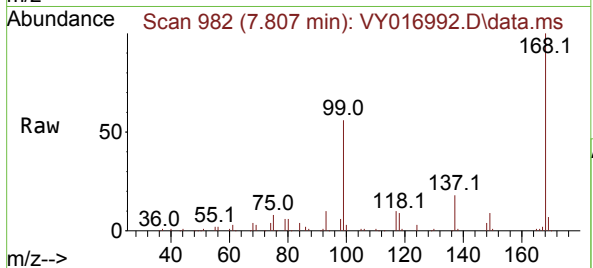
Tgt Ion: 75 Resp: 9513
Ion Ratio Lower Upper
75 100
110 7.9 17.4 52.3#
77 0.0 24.7 37.1#



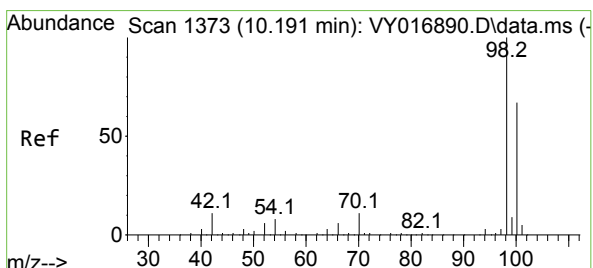
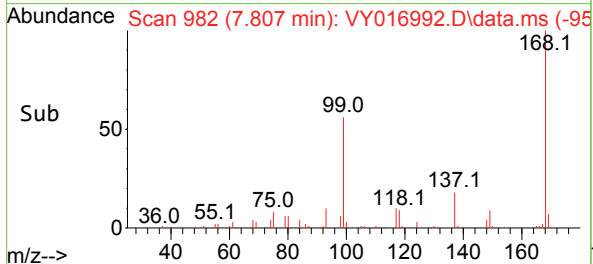
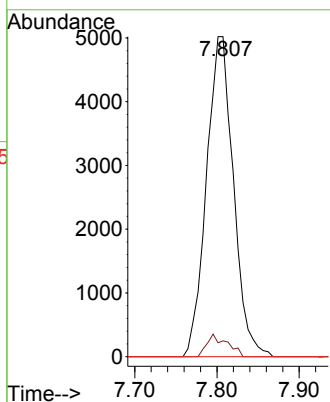


#38
Carbon Tetrachloride
Concen: 5.165 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

Instrument :
MSVOA_Y
ClientSampleId :

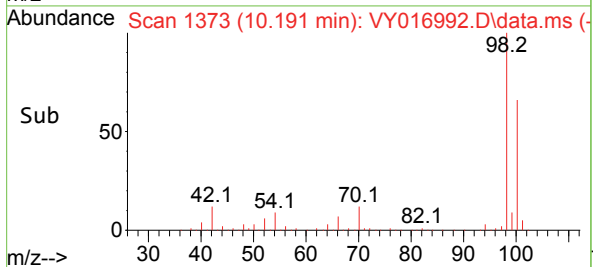
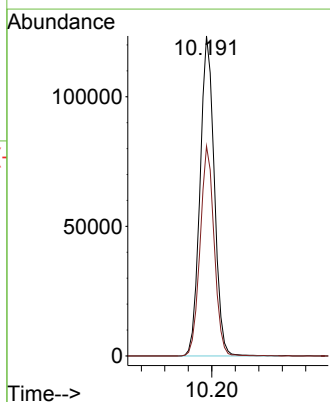
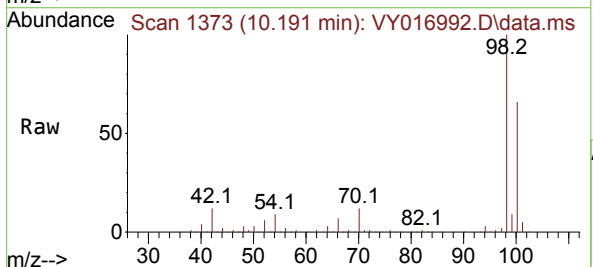


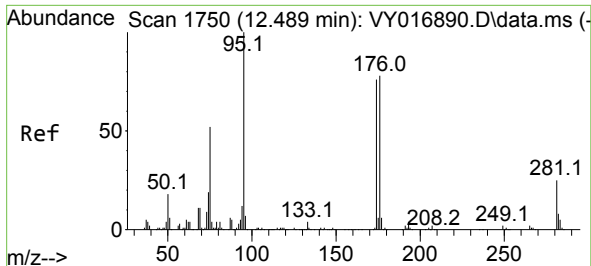
Tgt Ion:117 Resp: 11449
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.371 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

Tgt Ion: 98 Resp: 208104
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

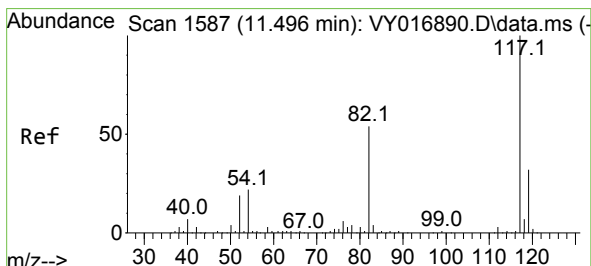
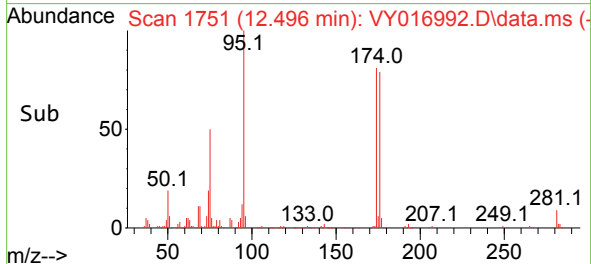
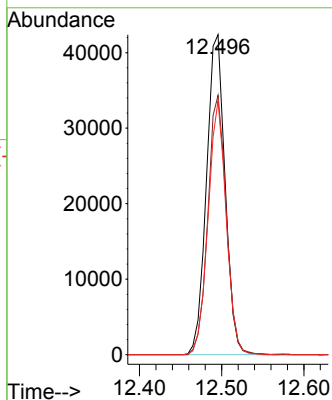
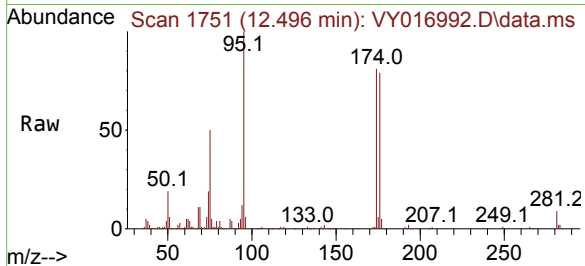




#62
4-Bromofluorobenzene
Concen: 38.272 ug/l
RT: 12.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

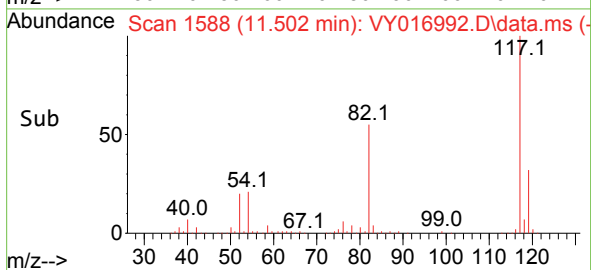
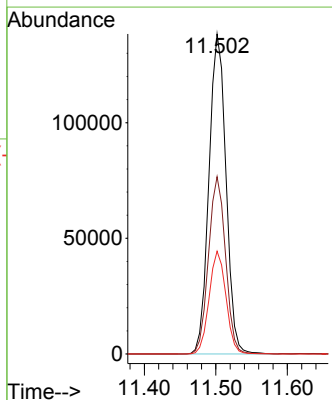
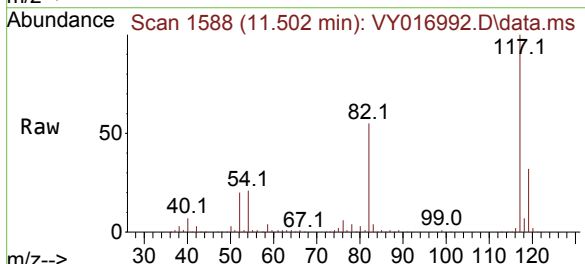
Instrument :
MSVOA_Y
ClientSampleId :

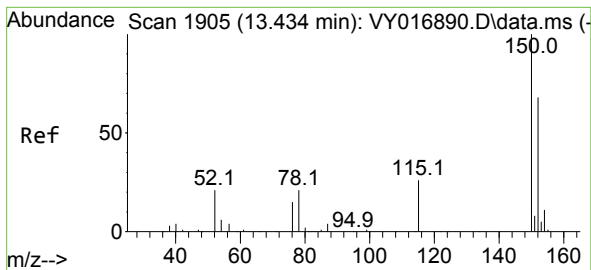
Tgt Ion: 95 Resp: 66562
Ion Ratio Lower Upper
95 100
174 80.4 0.0 160.0
176 76.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016992.D
Acq: 12 Jan 2024 14:58

Tgt Ion: 117 Resp: 229070
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 32.1 26.5 39.7

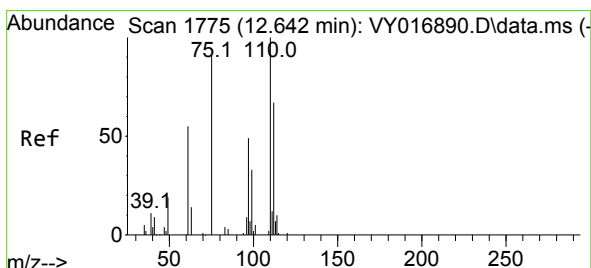
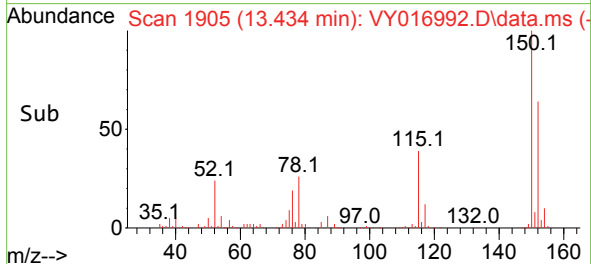
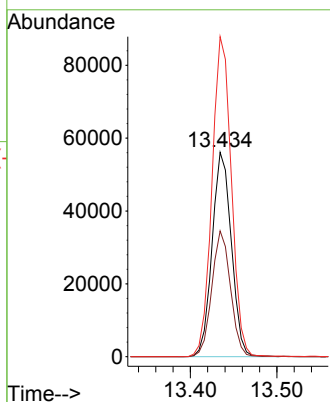
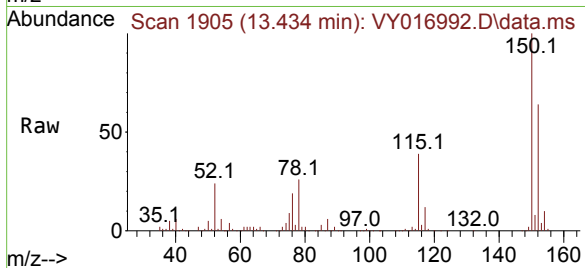




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016992.D
 Acq: 12 Jan 2024 14:58

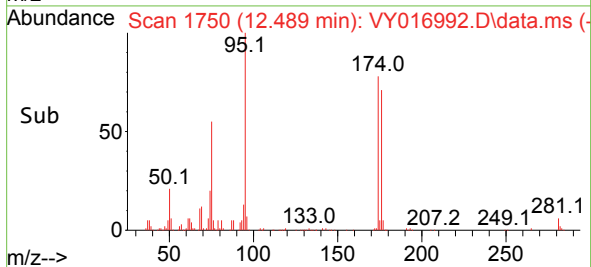
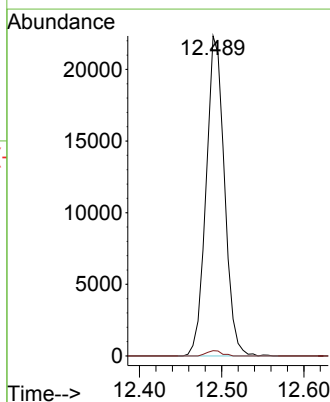
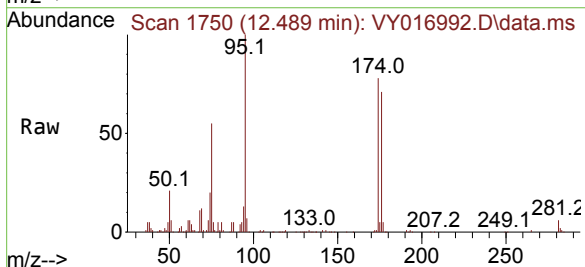
Instrument :
 MSVOA_Y
 ClientSampleId :

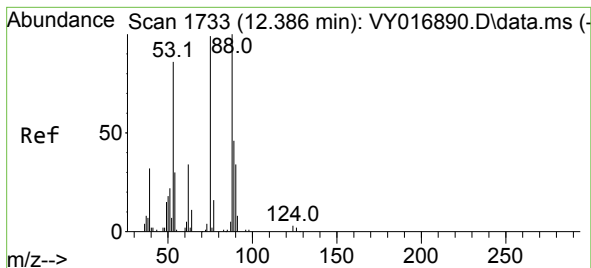
Tgt Ion:152 Resp: 86577
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.0 90.0
 150 157.5 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 36.788 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016992.D
 Acq: 12 Jan 2024 14:58

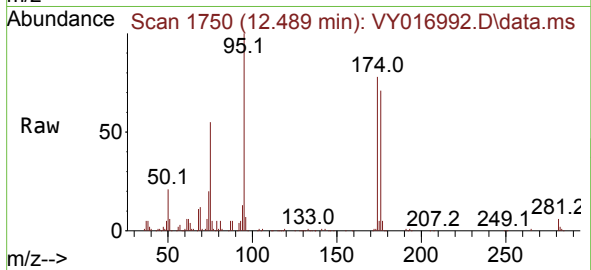
Tgt Ion: 75 Resp: 34563
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.536 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016992.D
 Acq: 12 Jan 2024 14:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 34563
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

