

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016991.D
 Acq On : 12 Jan 2024 14:34
 Operator : SY/MD
 Sample : P1123-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:05:52 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)

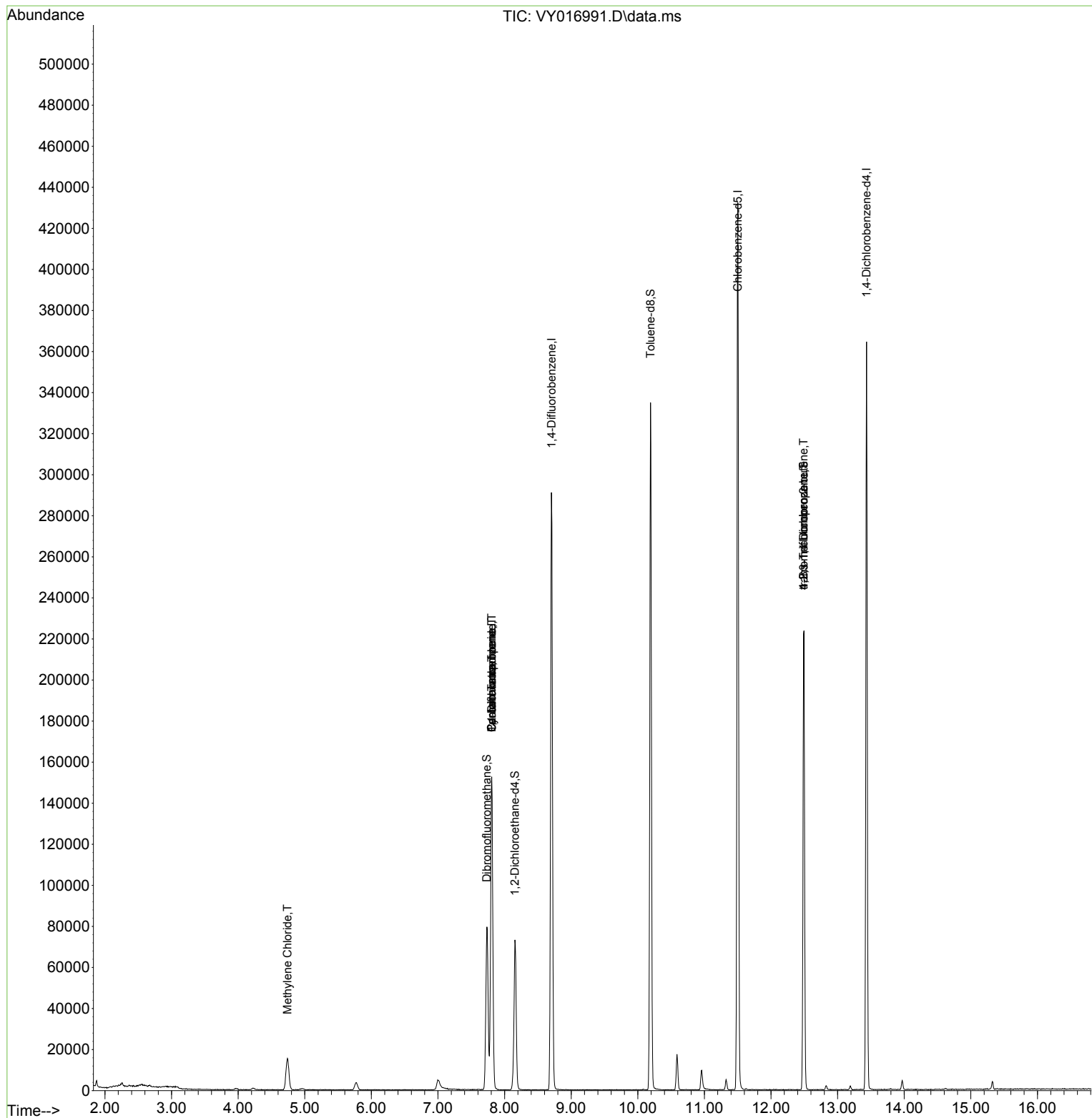
Internal Standards						
1) Pentafluorobenzene	7.807	168	116671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	250409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	237451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	87159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54586	47.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.680%
35) Dibromofluoromethane	7.734	113	58891	36.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.820%
50) Toluene-d8	10.191	98	216972	39.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.980%
62) 4-Bromofluorobenzene	12.489	95	68893	37.161	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1082	Below Cal	#	75
16) Acetone	3.966	43	1235	Below Cal		91
20) Methylene Chloride	4.741	84	12015	1.225	ug/l	95
25) 2-Butanone	6.996	43	116	Below Cal	#	48
31) Cyclohexane	7.807	56	2669	1.349	ug/l	# 10
36) 1,1-Dichloropropene	7.807	75	10716	4.608	ug/l	# 48
38) Carbon Tetrachloride	7.807	117	11924	5.047	ug/l	# 17
76) 1,2,3-Trichloropropane	12.489	75	35945	38.004	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	35945	86.296	ug/l	# 12

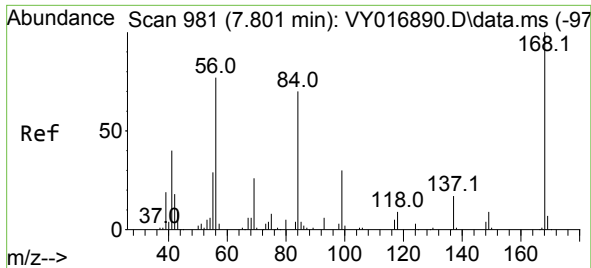
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

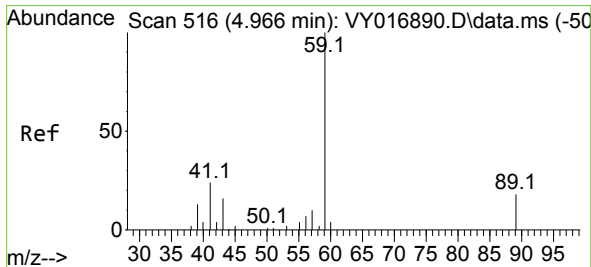
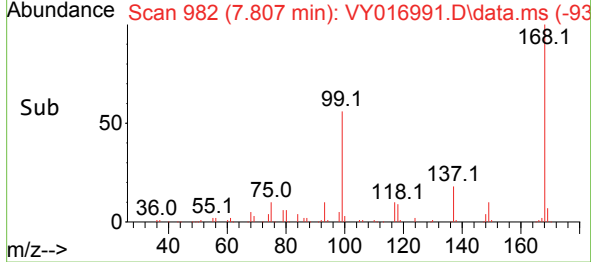
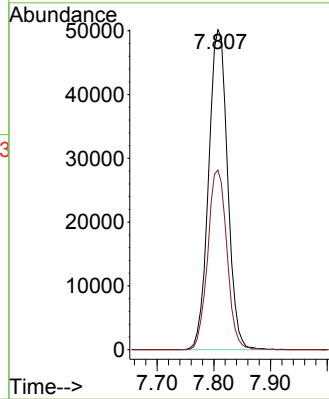
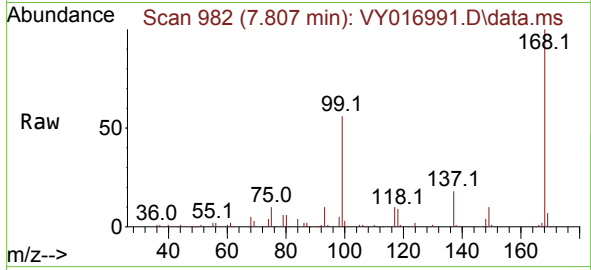




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016991.D
Acq: 12 Jan 2024 14:34

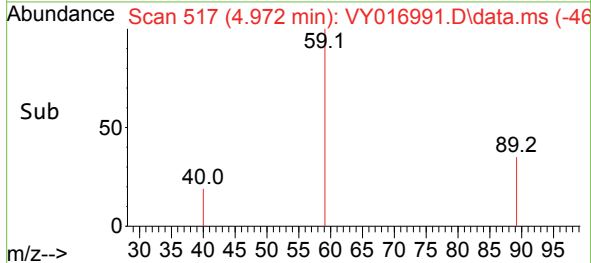
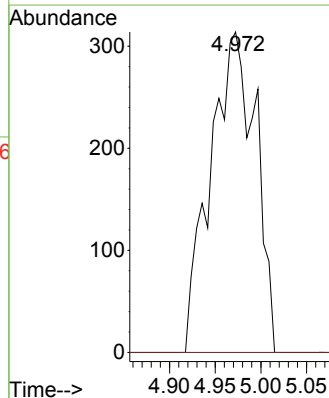
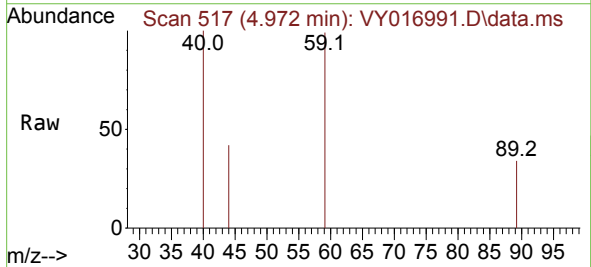
Instrument :
MSVOA_Y
ClientSampleId :

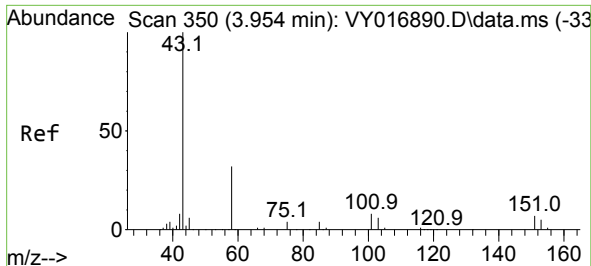
Tgt Ion:168 Resp: 116671
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016991.D
Acq: 12 Jan 2024 14:34

Tgt Ion: 59 Resp: 1082
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.966 min Scan# 31

Delta R.T. 0.006 min

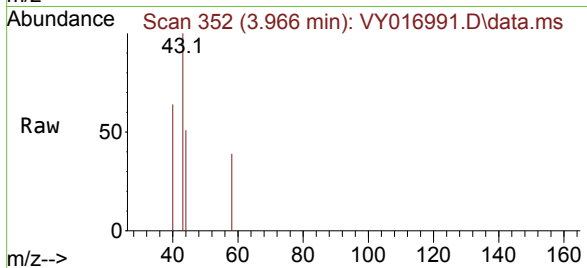
Lab File: VY016991.D

Acq: 12 Jan 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :

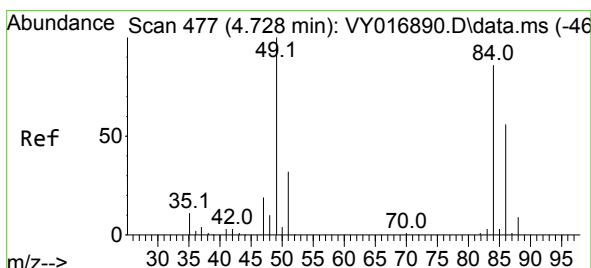
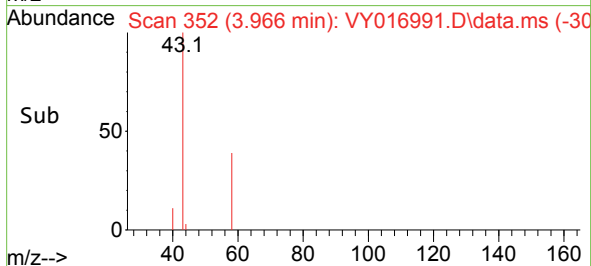
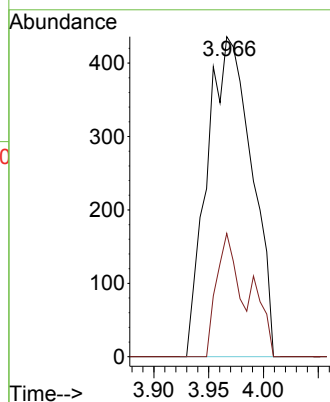


Tgt Ion: 43 Resp: 1235

Ion Ratio Lower Upper

43 100

58 38.5 26.6 39.8



#20

Methylene Chloride

Concen: 1.225 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.007 min

Lab File: VY016991.D

Acq: 12 Jan 2024 14:34

Tgt Ion: 84 Resp: 12015

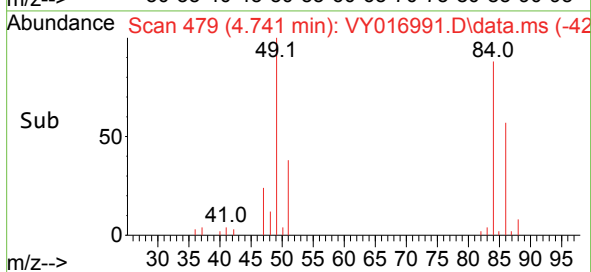
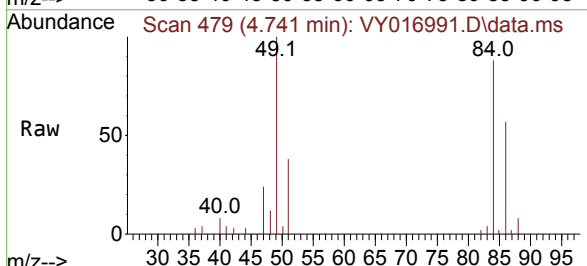
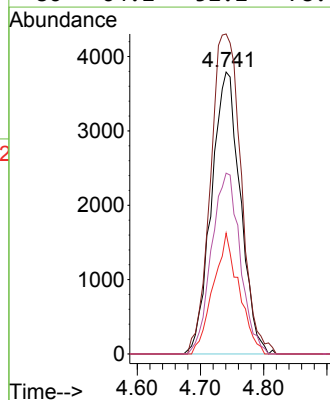
Ion Ratio Lower Upper

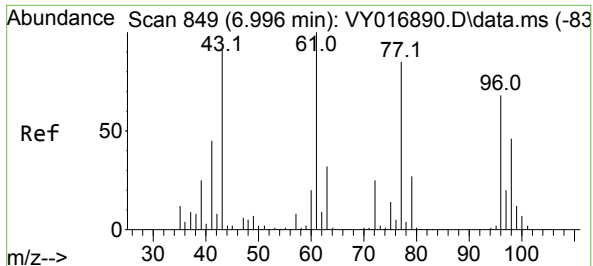
84 100

49 113.5 95.2 142.8

51 42.9 29.9 44.9

86 64.2 52.2 78.4





#25

2-Butanone

Concen: Below Cal

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016991.D

Acq: 12 Jan 2024 14:34

Instrument :

MSVOA_Y

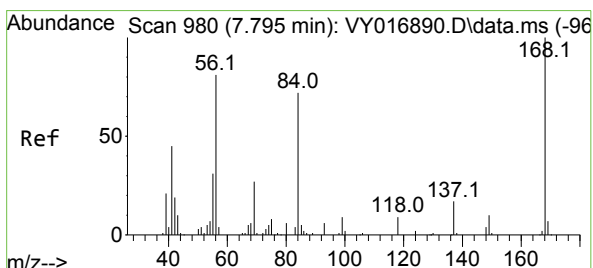
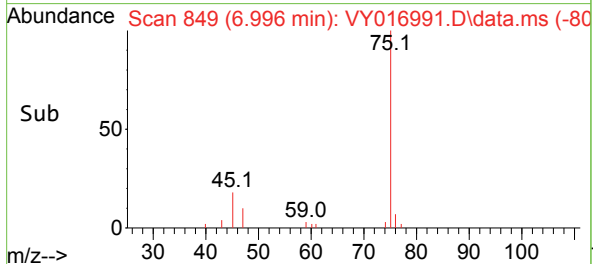
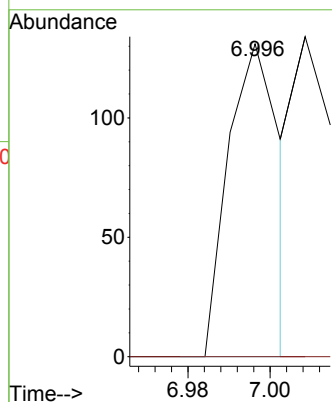
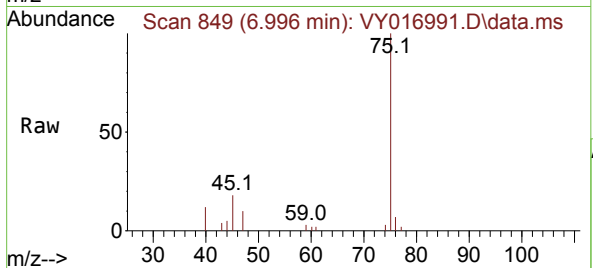
ClientSampleId :

Tgt Ion: 43 Resp: 116

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.349 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY016991.D

Acq: 12 Jan 2024 14:34

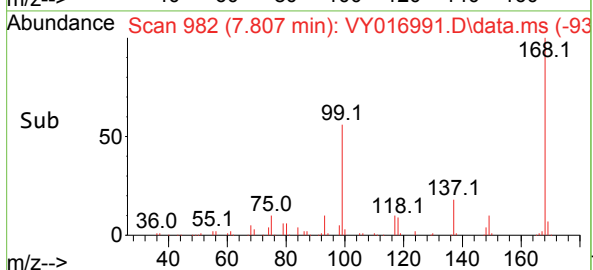
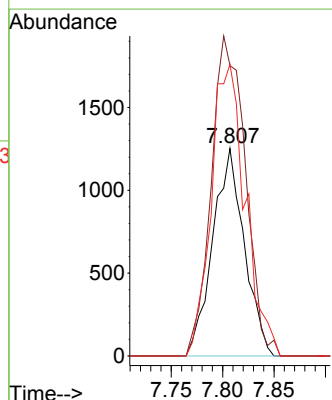
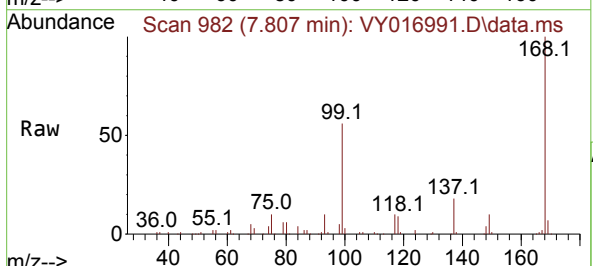
Tgt Ion: 56 Resp: 2669

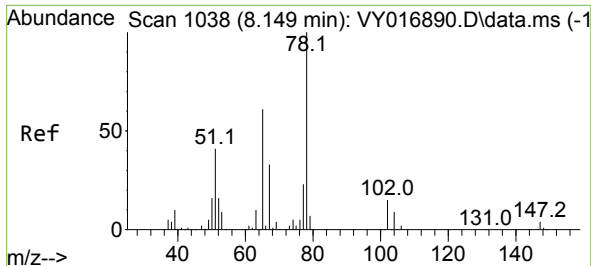
Ion Ratio Lower Upper

56 100

69 139.9 27.0 40.6#

84 140.5 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 47.337 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016991.D

Acq: 12 Jan 2024 14:34

Instrument :

MSVOA_Y

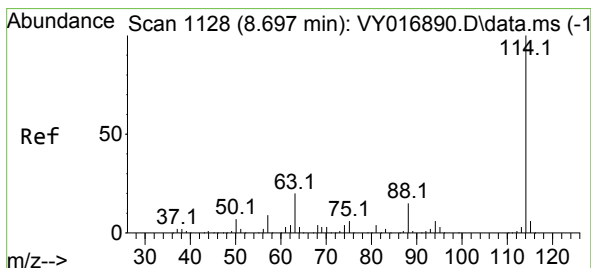
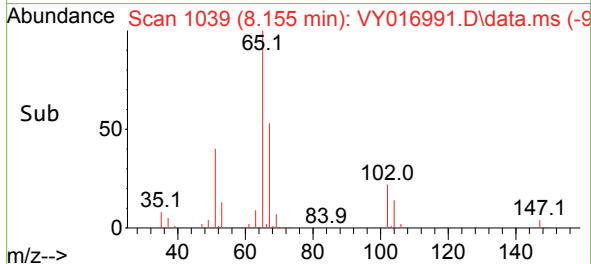
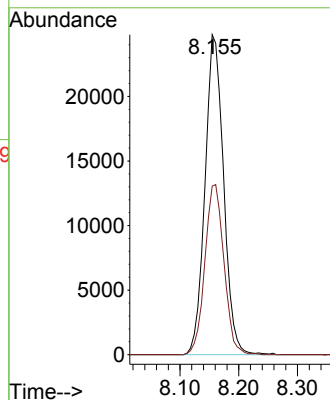
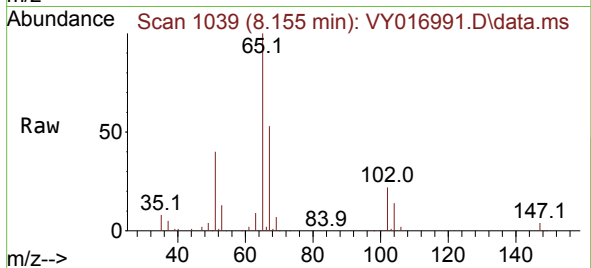
ClientSampleId :

Tgt Ion: 65 Resp: 54586

Ion Ratio Lower Upper

65 100

67 54.5 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: VY016991.D

Acq: 12 Jan 2024 14:34

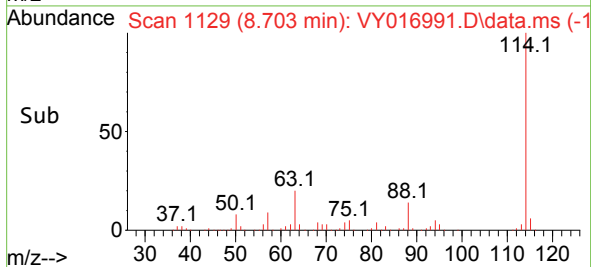
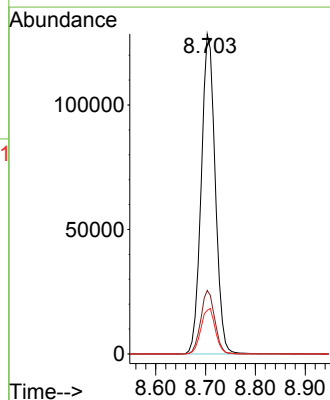
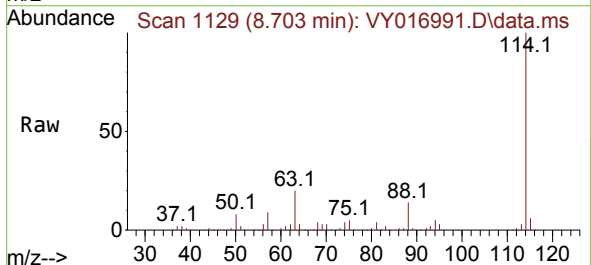
Tgt Ion:114 Resp: 250409

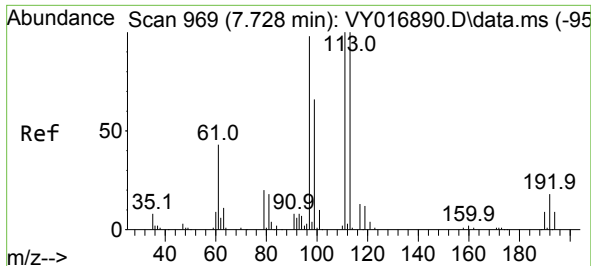
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

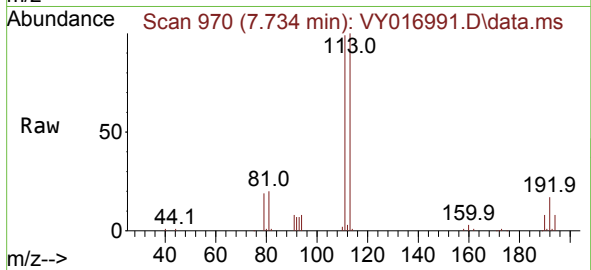
88 13.6 0.0 29.0



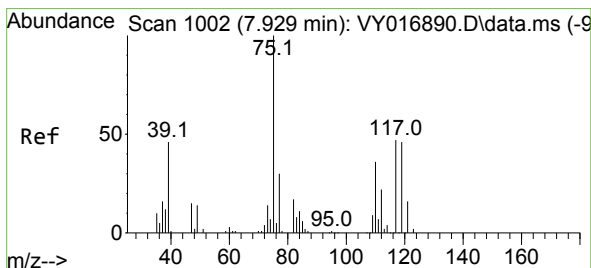
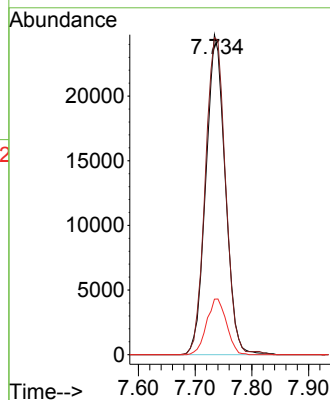
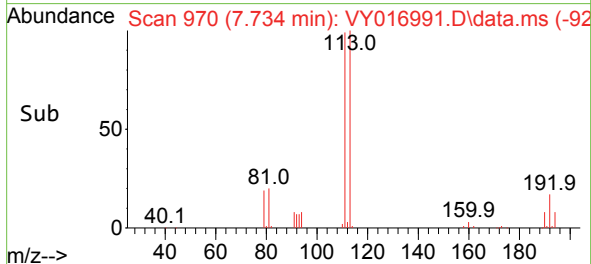


#35
Dibromofluoromethane
Concen: 36.906 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016991.D
Acq: 12 Jan 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :

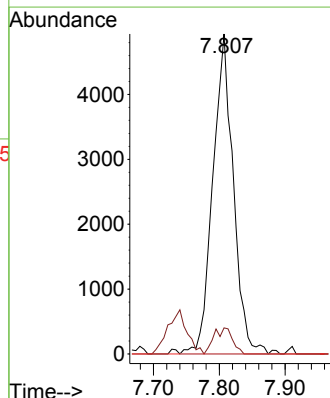
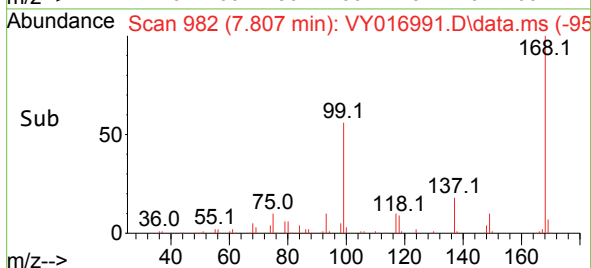
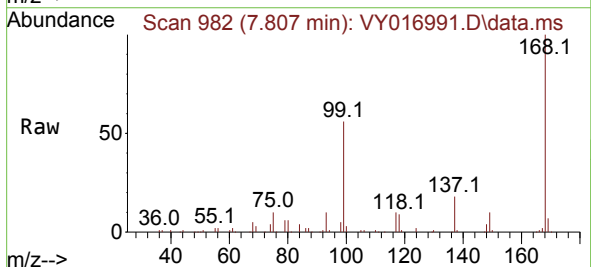


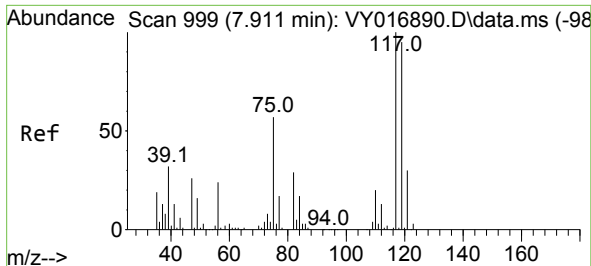
Tgt Ion:113 Resp: 58891
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY016991.D
Acq: 12 Jan 2024 14:34

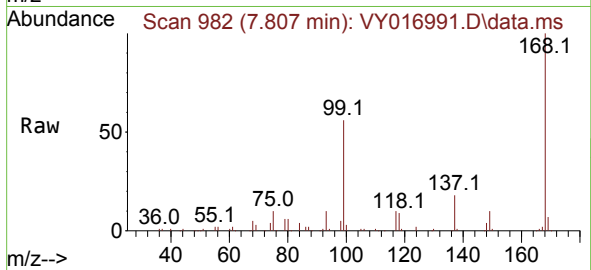
Tgt Ion: 75 Resp: 10716
Ion Ratio Lower Upper
75 100
110 7.4 17.4 52.3#
77 0.0 24.7 37.1#



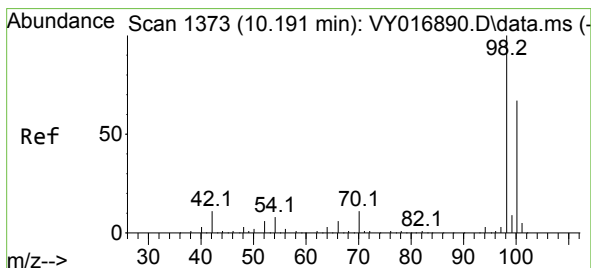
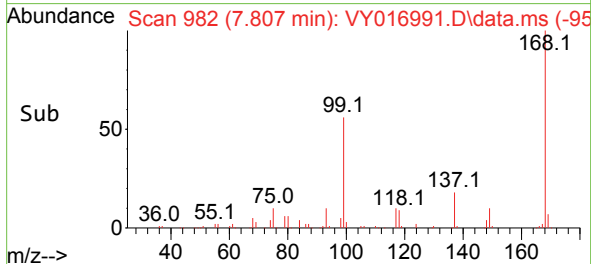
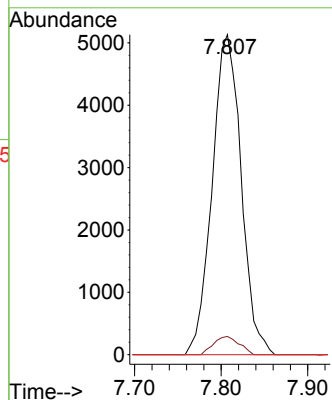


#38
Carbon Tetrachloride
Concen: 5.047 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016991.D
Acq: 12 Jan 2024 14:34

Instrument :
MSVOA_Y
ClientSampleId :

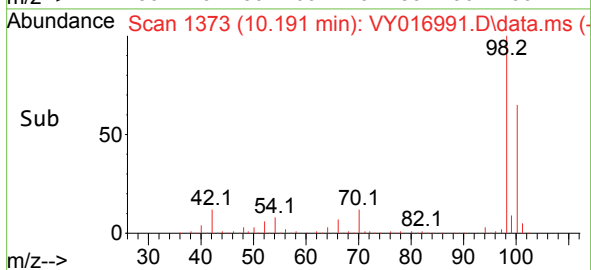
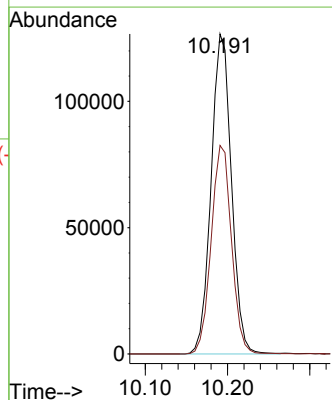
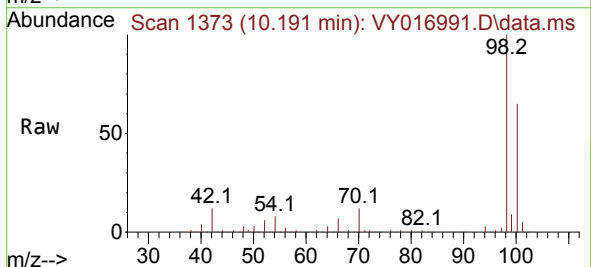


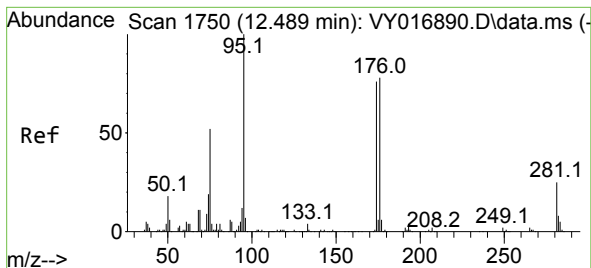
Tgt Ion:117 Resp: 11924
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.487 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016991.D
Acq: 12 Jan 2024 14:34

Tgt Ion: 98 Resp: 216972
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

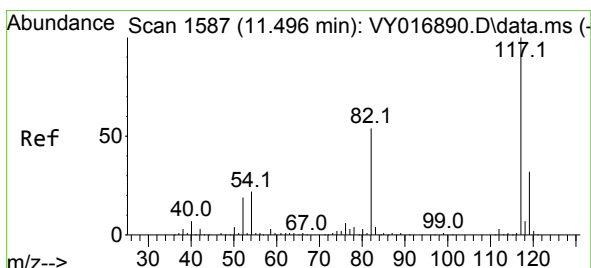
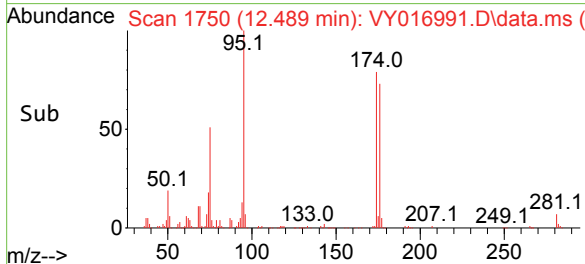
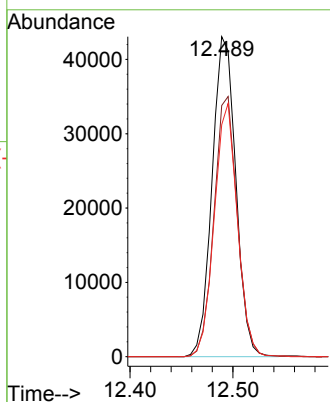
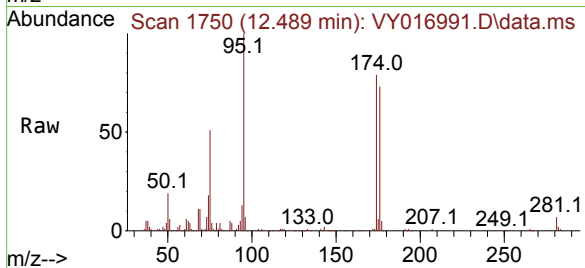




#62
4-Bromofluorobenzene
Concen: 37.161 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016991.D
Acq: 12 Jan 2024 14:34

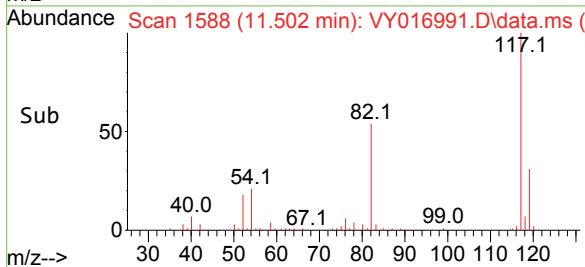
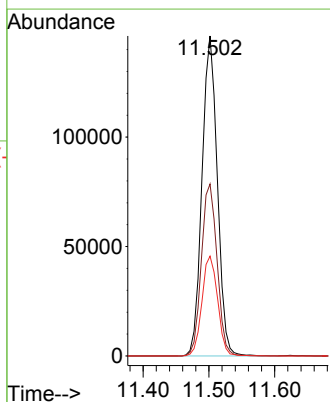
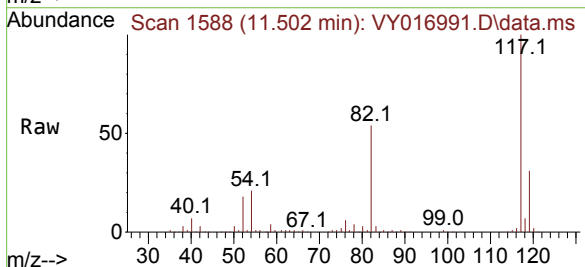
Instrument :
MSVOA_Y
ClientSampleId :

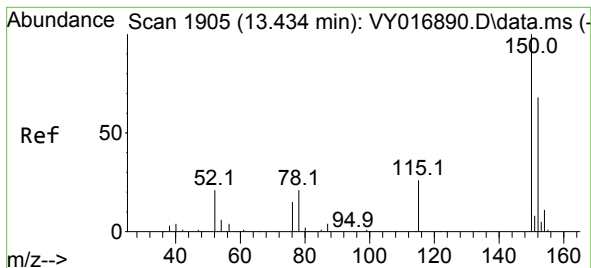
Tgt Ion: 95 Resp: 68893
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 77.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016991.D
Acq: 12 Jan 2024 14:34

Tgt Ion: 117 Resp: 237451
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 31.2 26.5 39.7

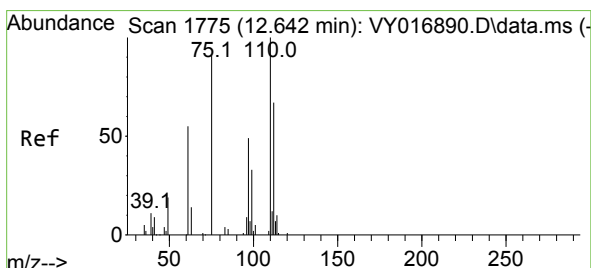
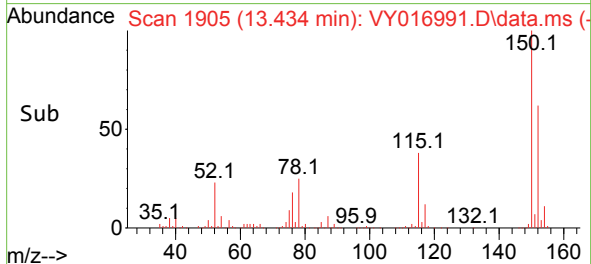
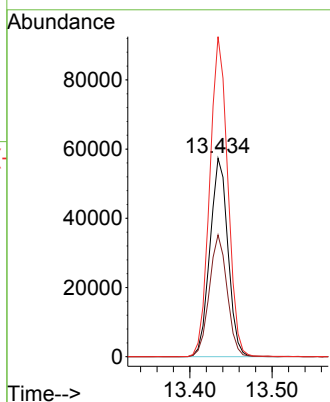
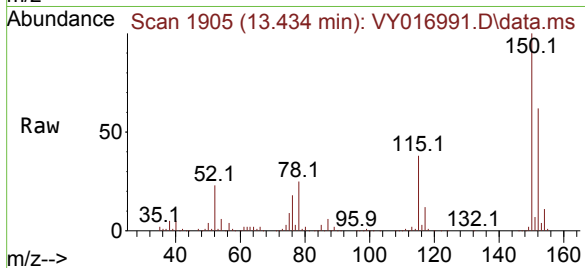




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016991.D
 Acq: 12 Jan 2024 14:34

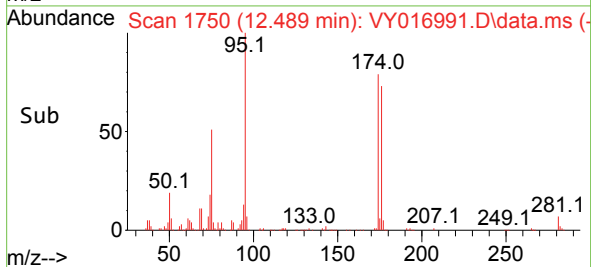
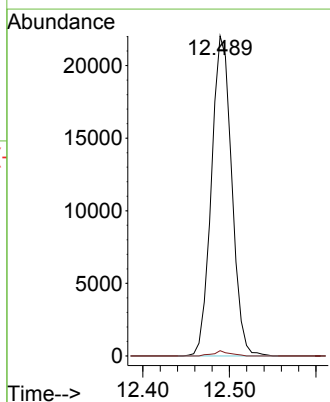
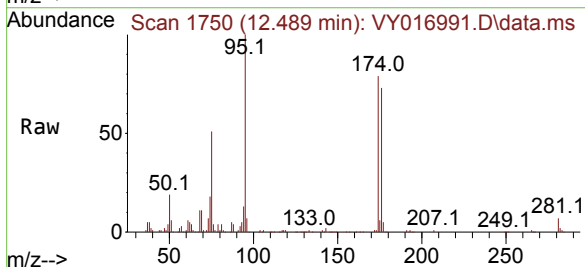
Instrument :
 MSVOA_Y
 ClientSampleId :

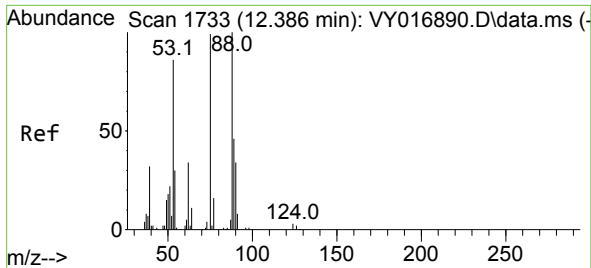
Tgt Ion:152 Resp: 87159
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.0 90.0
 150 161.6 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 38.004 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016991.D
 Acq: 12 Jan 2024 14:34

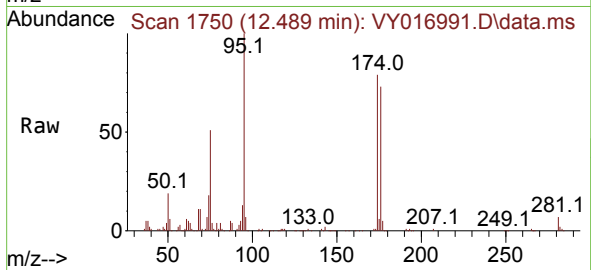
Tgt Ion: 75 Resp: 35945
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.296 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016991.D
 Acq: 12 Jan 2024 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35945
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.2 36.5 54.7#

