

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019114.D
 Acq On : 19 Aug 2024 14:01
 Operator : SY/MD
 Sample : P3615-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 15:24:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	22674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	33409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	26041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	8652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	8648	38.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.100%
35) Dibromofluoromethane	7.628	113	10264	46.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.103	98	35735	45.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.402	95	9217	34.394	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.780%

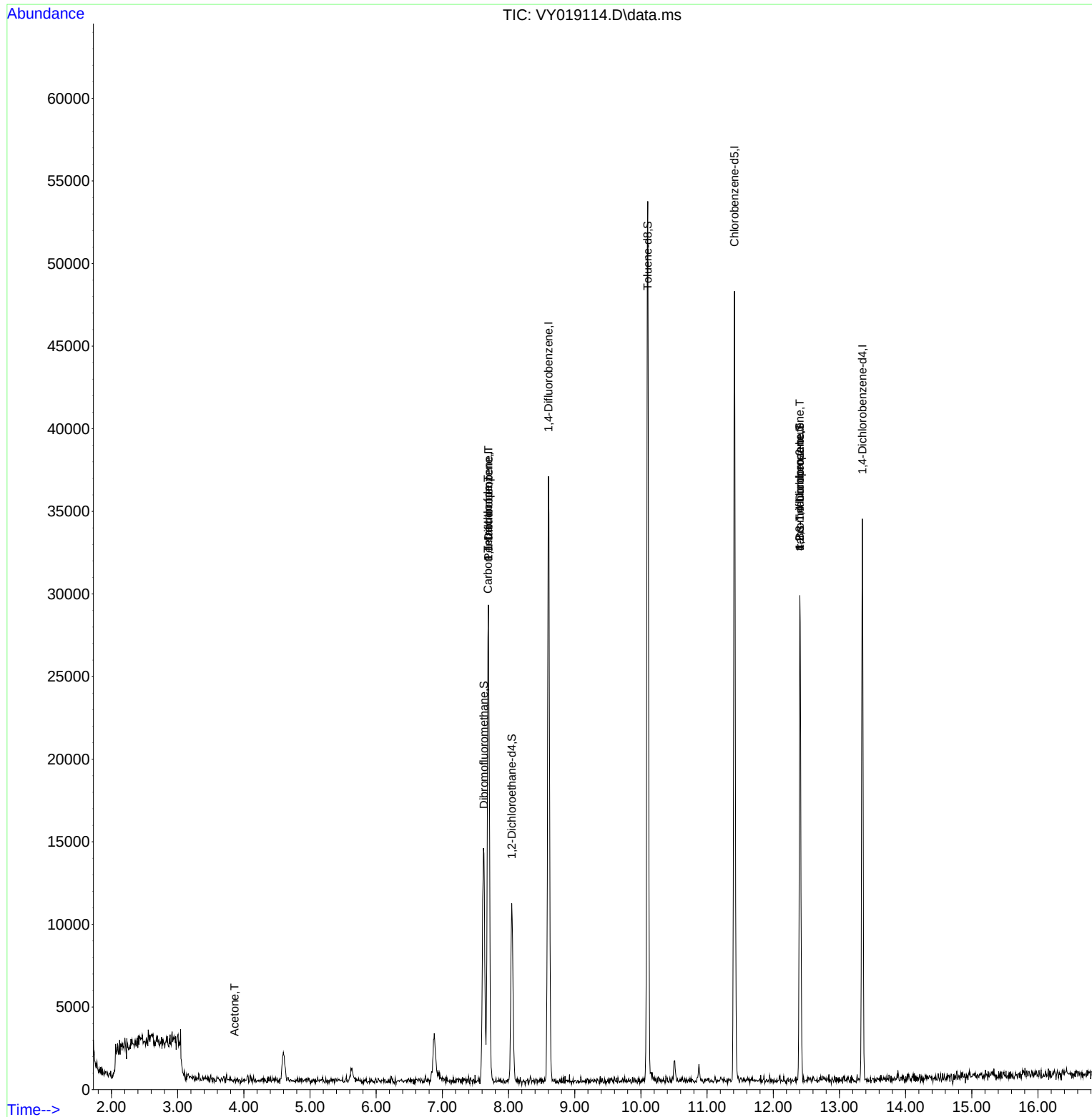
Target Compounds					Qvalue	
5) Bromomethane	2.599	94	393	Below Cal	#	57
6) Chloroethane	2.836	64	20	Below Cal	#	42
11) Tert butyl alcohol	5.049	59	24	Below Cal	#	88
16) Acetone	3.860	43	48	1.139	ug/l #	36
20) Methylene Chloride	4.598	84	1239	Below Cal		91
31) Cyclohexane	7.689	56	486	Below Cal	#	1
36) 1,1-Dichloropropene	7.695	75	1786	5.954	ug/l #	40
38) Carbon Tetrachloride	7.689	117	2271	6.533	ug/l #	13
76) 1,2,3-Trichloropropane	12.402	75	4477	52.470	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	4477	129.584	ug/l #	16

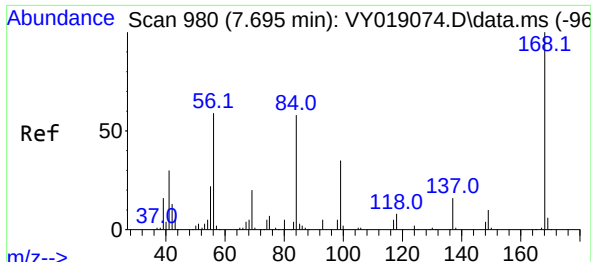
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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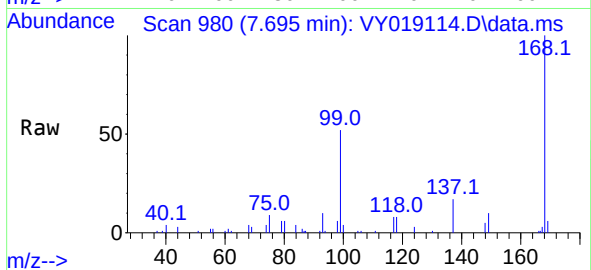
Quant Time: Aug 19 15:24:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
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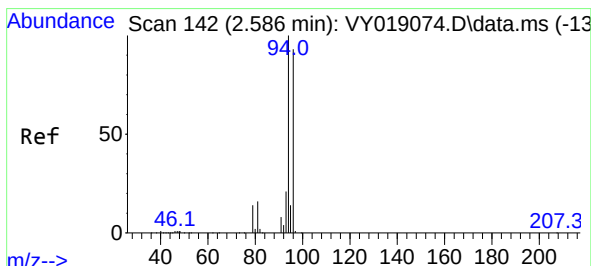
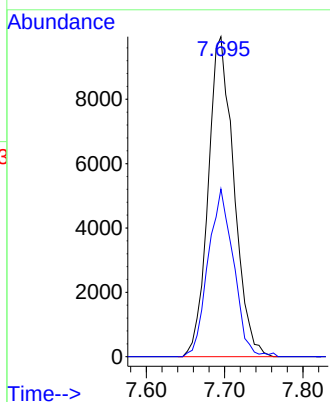
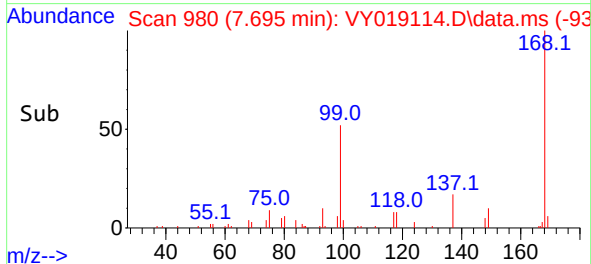


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :

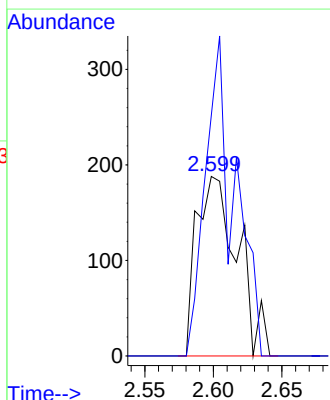
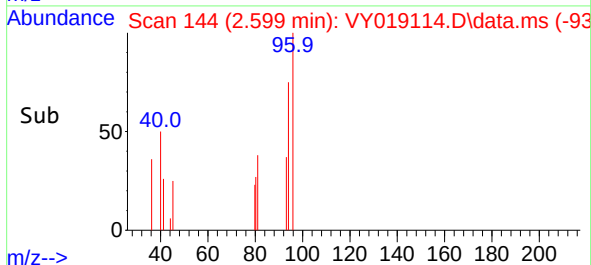
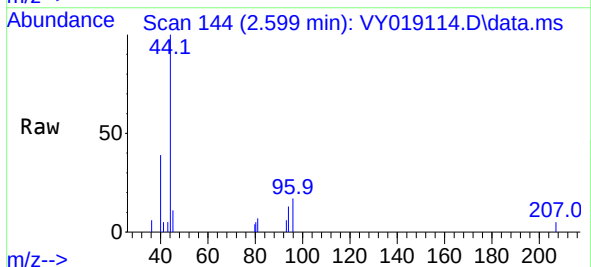


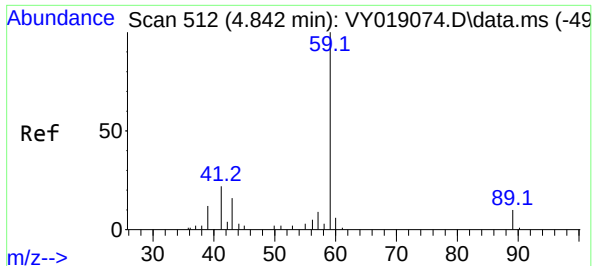
Tgt Ion:168 Resp: 22674
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.599 min Scan# 144
Delta R.T. 0.013 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

Tgt Ion: 94 Resp: 393
Ion Ratio Lower Upper
94 100
96 134.0 74.1 111.1#

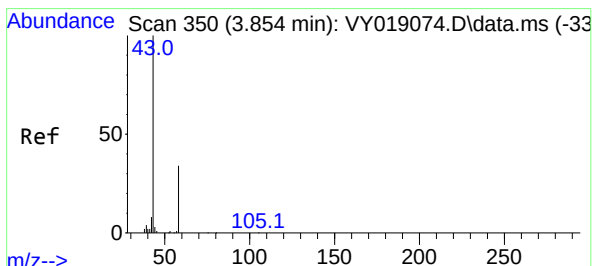
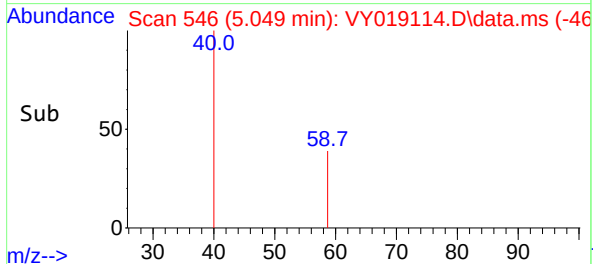
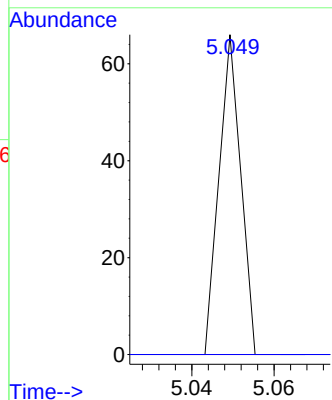
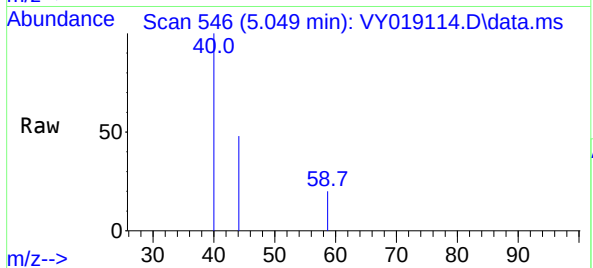




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.049 min Scan# 54
Delta R.T. 0.207 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

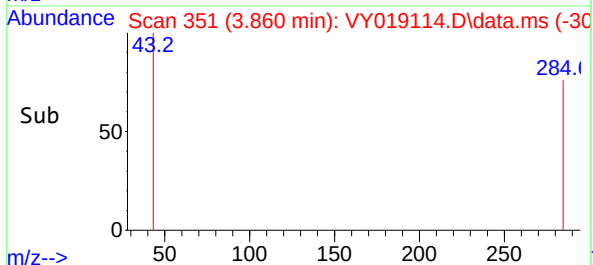
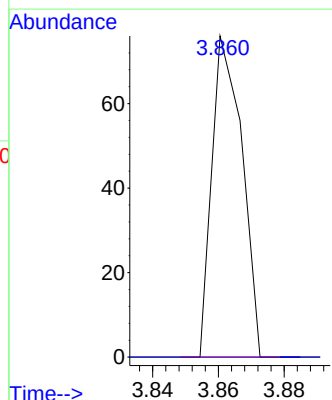
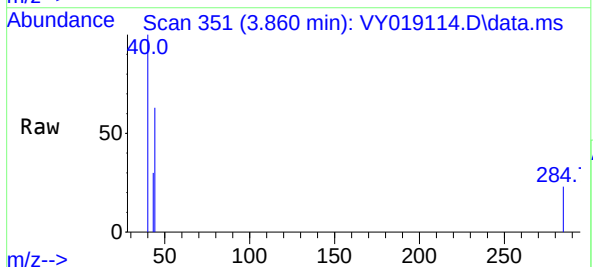
Instrument :
MSVOA_Y
ClientSampleId :

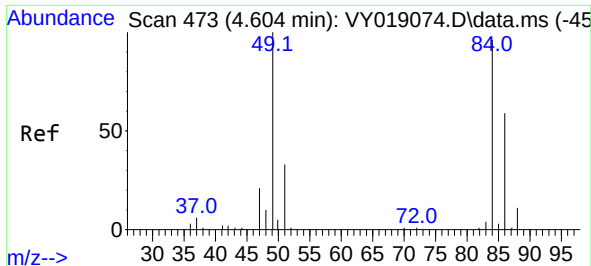
Tgt Ion: 59 Resp: 24
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 1.139 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

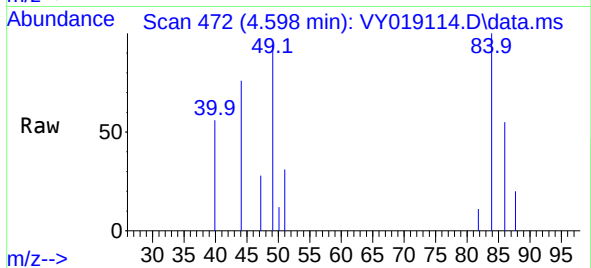
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





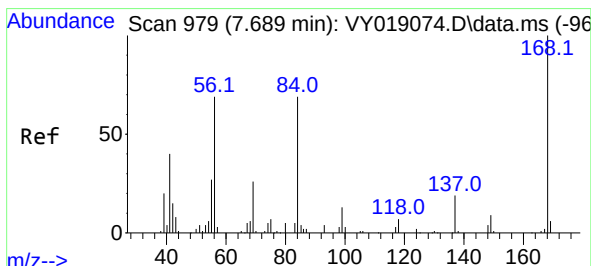
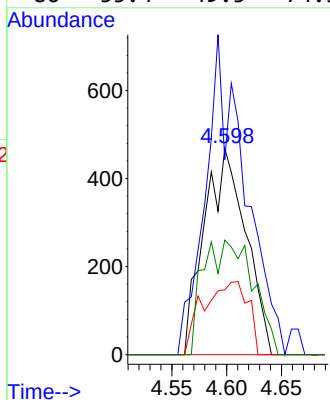
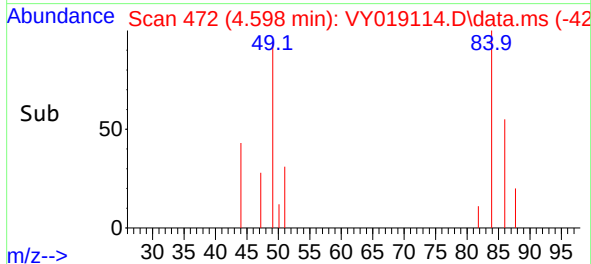
#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1239

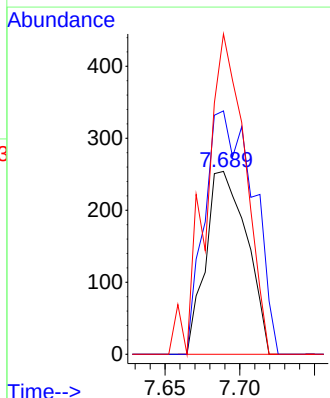
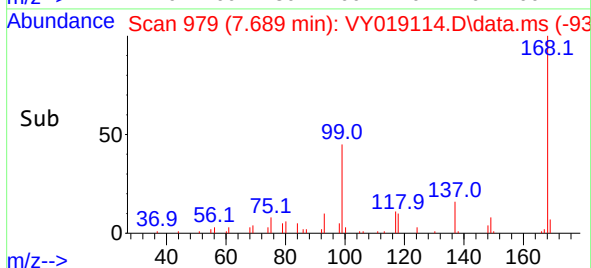
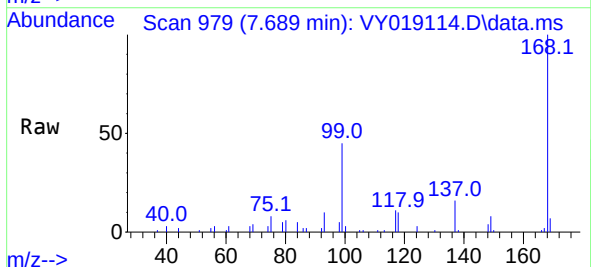
Ion	Ratio	Lower	Upper
84	100		
49	94.5	84.4	126.6
51	31.3	26.0	39.0
86	55.4	49.5	74.3

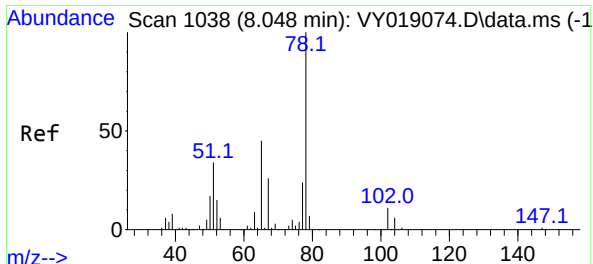


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

Tgt Ion: 56 Resp: 486

Ion	Ratio	Lower	Upper
56	100		
69	133.1	28.7	43.1#
84	175.2	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 38.048 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019114.D

Acq: 19 Aug 2024 14:01

Instrument :

MSVOA_Y

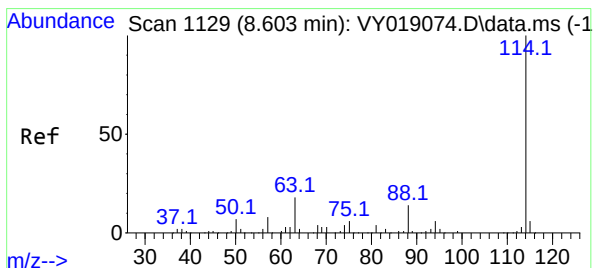
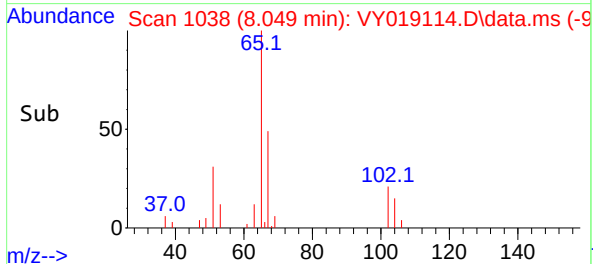
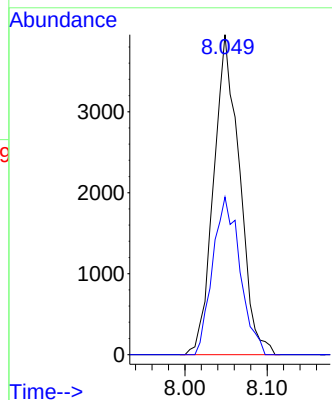
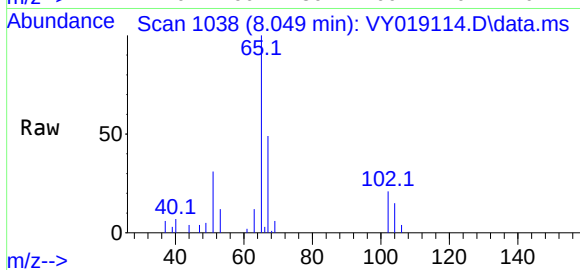
ClientSampleId :

Tgt Ion: 65 Resp: 8648

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019114.D

Acq: 19 Aug 2024 14:01

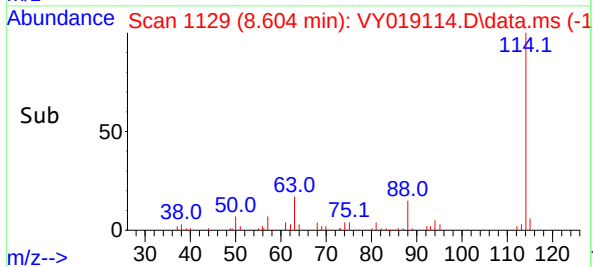
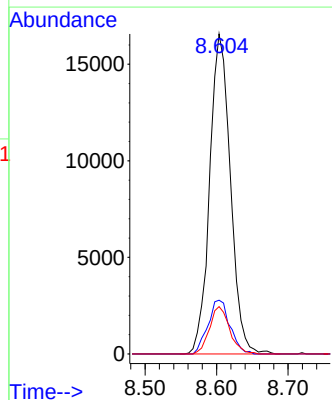
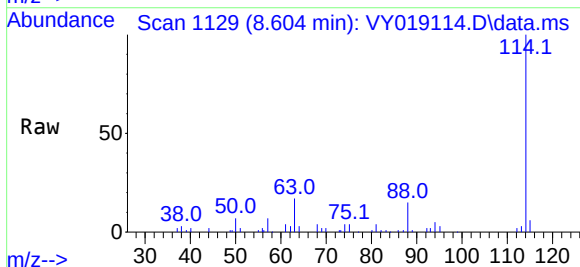
Tgt Ion: 114 Resp: 33409

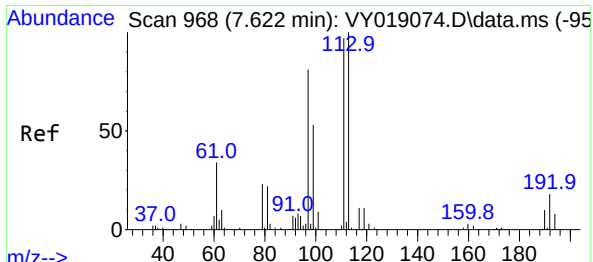
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

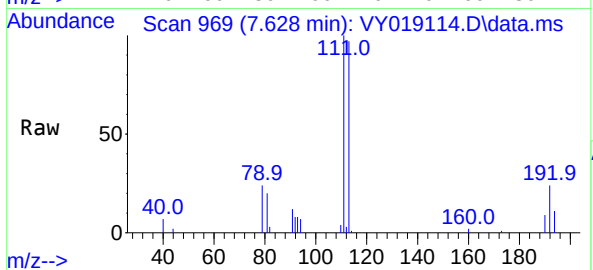
88 14.8 0.0 27.2



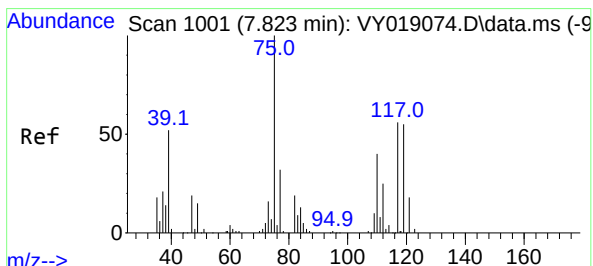
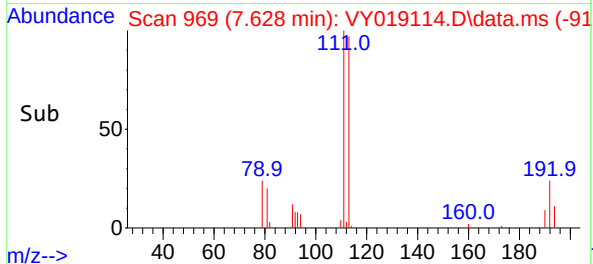
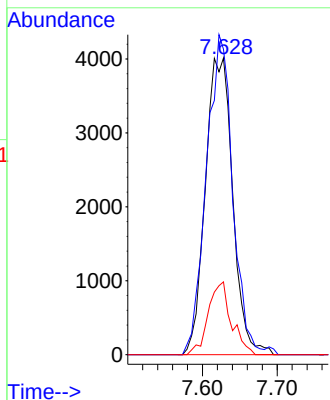


#35
Dibromofluoromethane
Concen: 46.986 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :

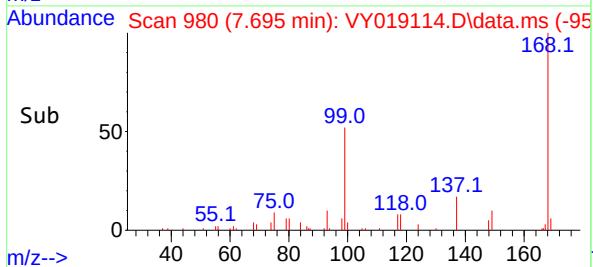
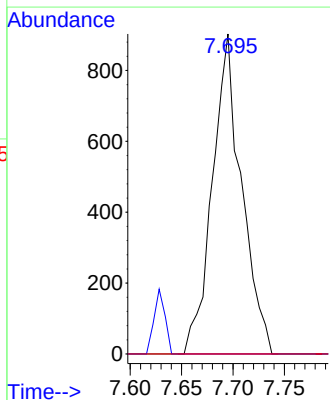
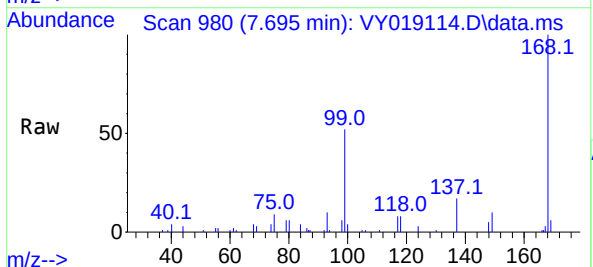


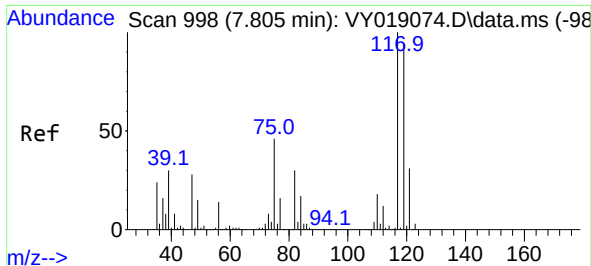
Tgt Ion:113 Resp: 10264
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.954 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

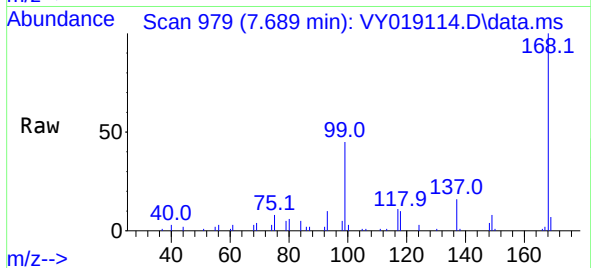
Tgt Ion: 75 Resp: 1786
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



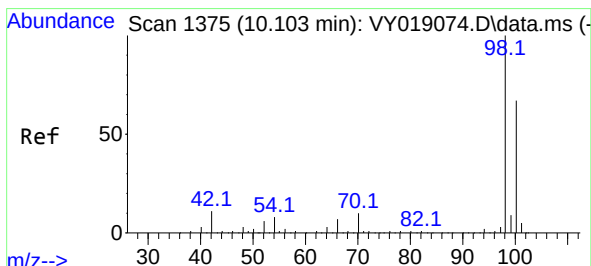
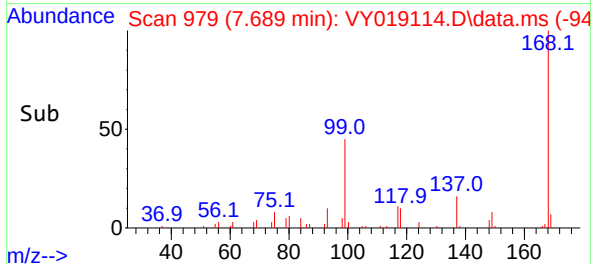
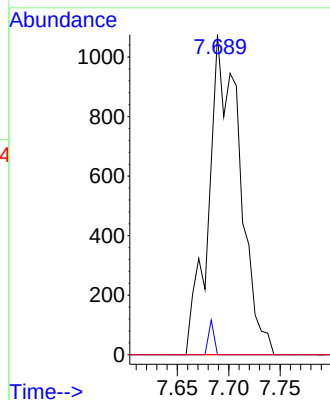


#38
Carbon Tetrachloride
Concen: 6.533 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :

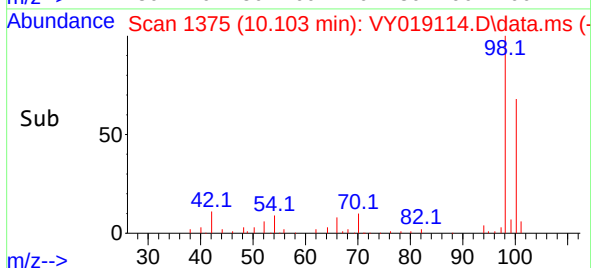
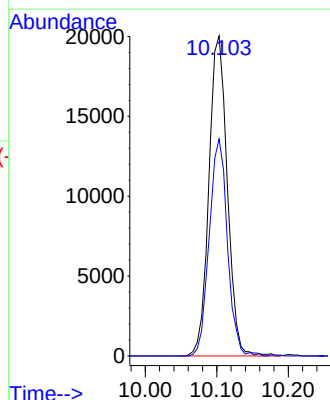
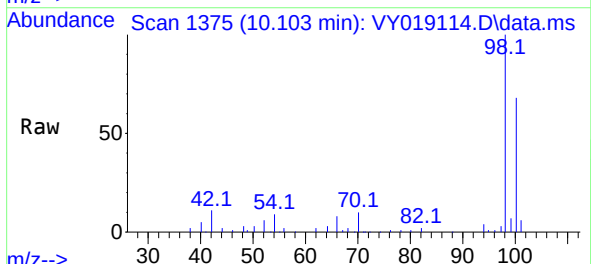


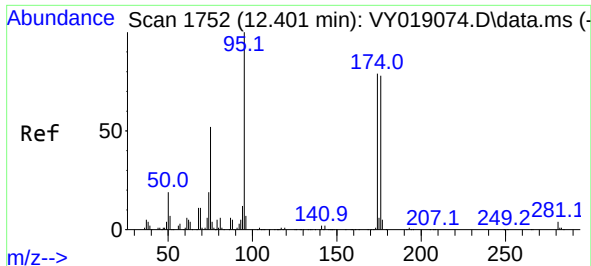
Tgt Ion:117 Resp: 2271
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.458 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

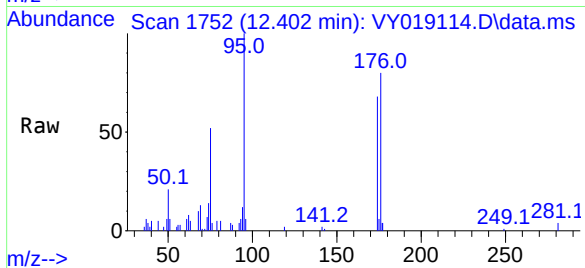
Tgt Ion: 98 Resp: 35735
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



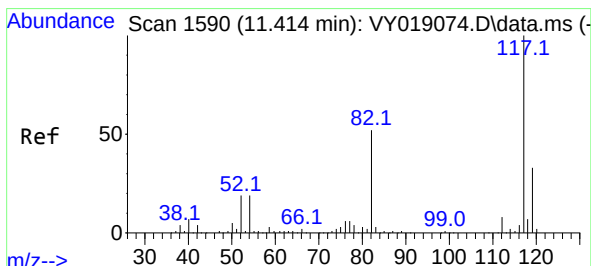
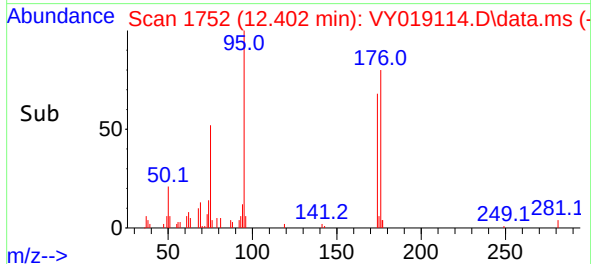
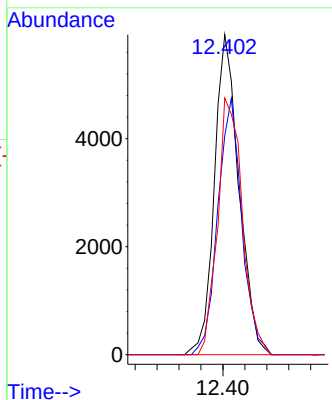


#62
4-Bromofluorobenzene
Concen: 34.394 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

Instrument :
MSVOA_Y
ClientSampleId :

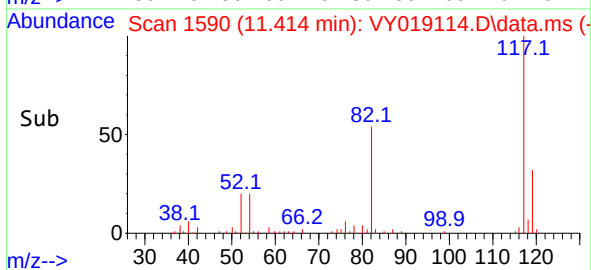
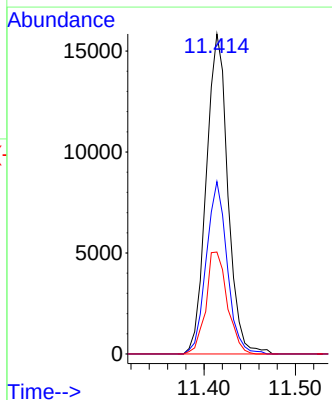
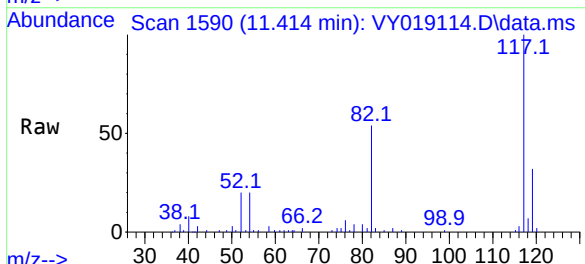


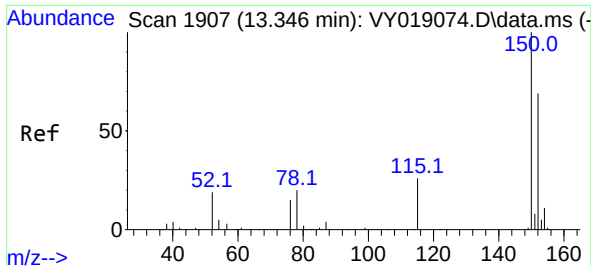
Tgt Ion: 95 Resp: 9217
Ion Ratio Lower Upper
95 100
174 78.4 0.0 175.6
176 80.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

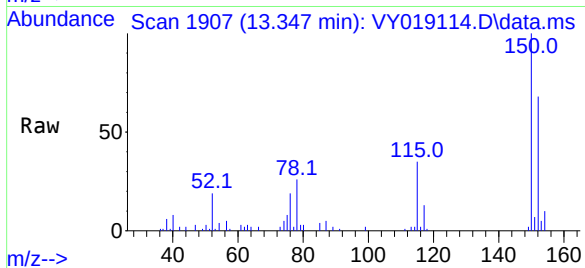
Tgt Ion: 117 Resp: 26041
Ion Ratio Lower Upper
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82 53.9 42.4 63.6
119 31.9 25.9 38.9



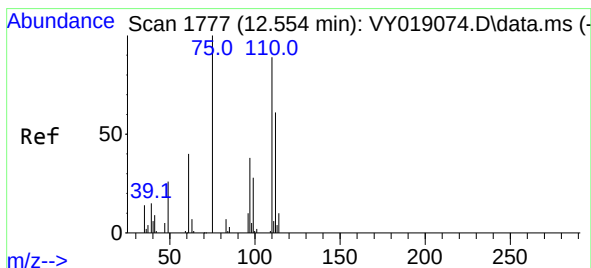
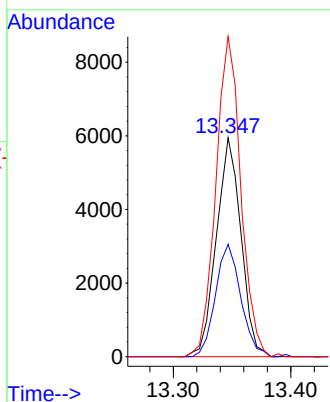
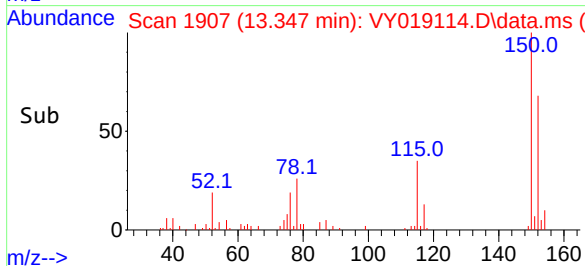


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01

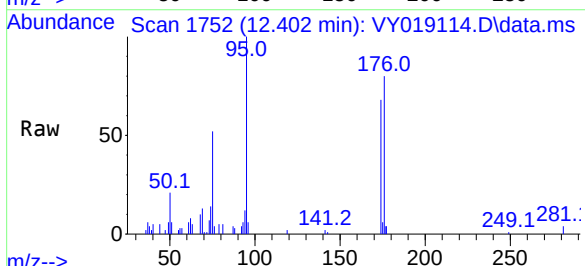
Instrument :
MSVOA_Y
ClientSampleId :



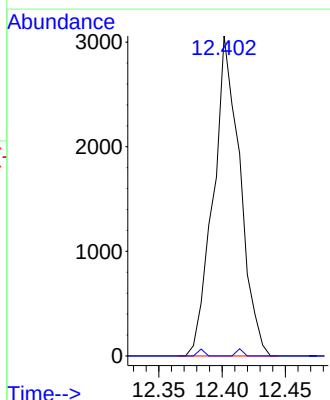
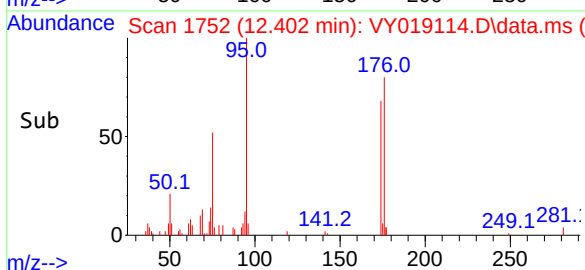
Tgt Ion:152 Resp: 8652
Ion Ratio Lower Upper
152 100
115 52.8 28.2 84.7
150 149.1 0.0 345.6

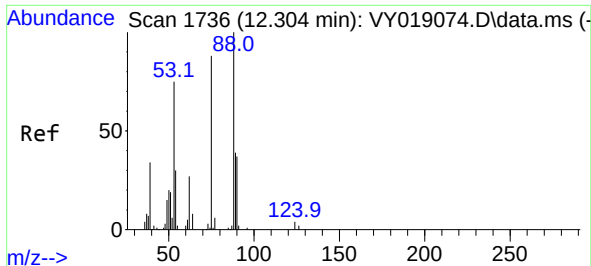


#76
1,2,3-Trichloropropane
Concen: 52.470 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019114.D
Acq: 19 Aug 2024 14:01



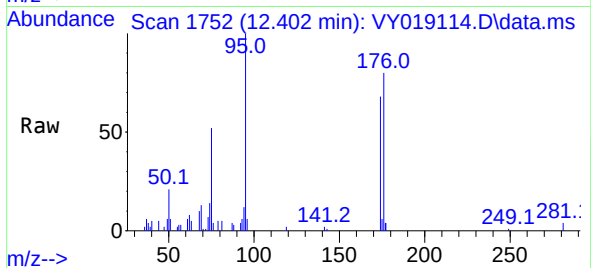
Tgt Ion: 75 Resp: 4477
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.584 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019114.D
 Acq: 19 Aug 2024 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 4477
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

