

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019343.D
 Acq On : 28 Aug 2024 20:38
 Operator : SY/MD
 Sample : P3739-07
 Misc : 3.94g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:39:38 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)

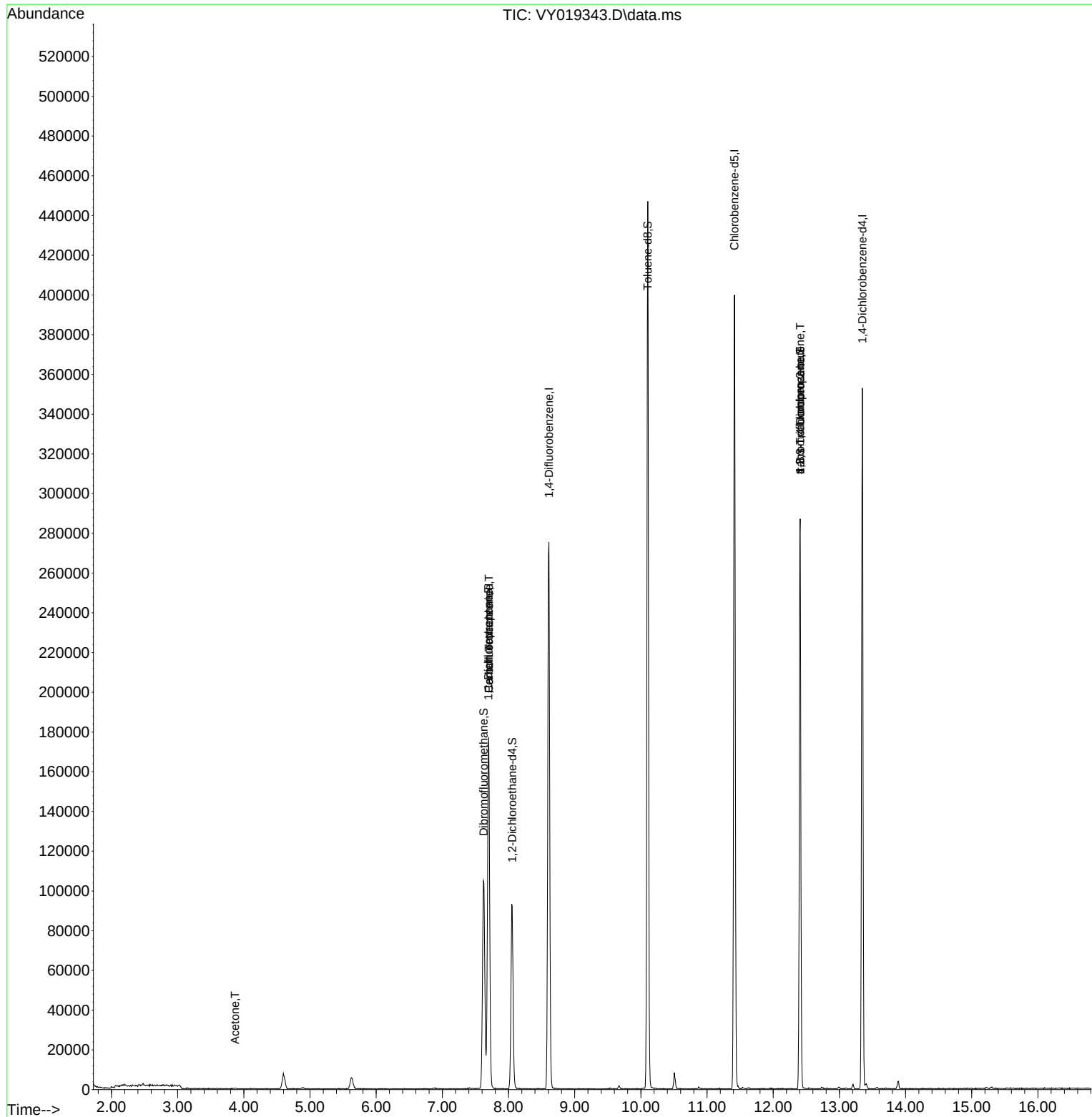
Internal Standards						
1) Pentafluorobenzene	7.701	168	139930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	240665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	217282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	85595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	72440	51.644	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.280%			
35) Dibromofluoromethane	7.622	113	75912	48.241	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.480%			
50) Toluene-d8	10.103	98	276436	48.815	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.640%			
62) 4-Bromofluorobenzene	12.408	95	83765	43.391	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 86.780%			
Target Compounds						
5) Bromomethane	2.604	94	222	Below Cal	Qvalue 92	
6) Chloroethane	2.848	64	19	Below Cal	# 42	
11) Tert butyl alcohol	4.830	59	22	Below Cal	# 88	
16) Acetone	3.866	43	297	1.142 ug/l	# 36	
20) Methylene Chloride	4.598	84	5520	Below Cal	# 93	
31) Cyclohexane	7.701	56	3025	Below Cal	# 30	
36) 1,1-Dichloropropene	7.695	75	10645	4.926 ug/l	# 48	
38) Carbon Tetrachloride	7.701	117	13668	5.458 ug/l	# 15	
76) 1,2,3-Trichloropropane	12.408	75	47024	55.708 ug/l	# 100	
81) trans-1,4-Dichloro-2-b...	12.408	75	47024	137.579 ug/l	# 16	

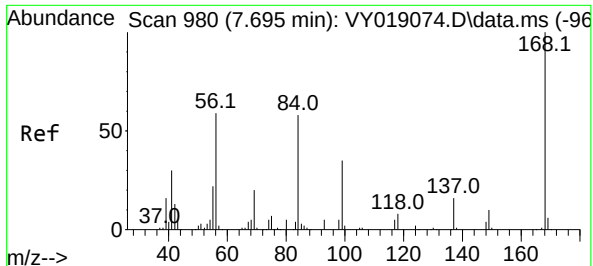
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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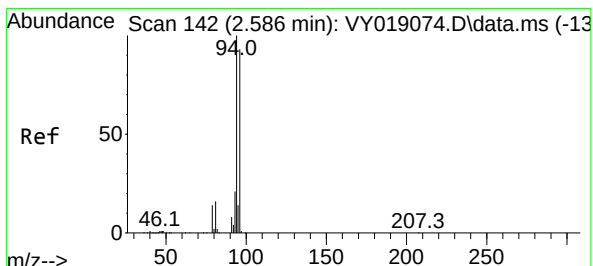
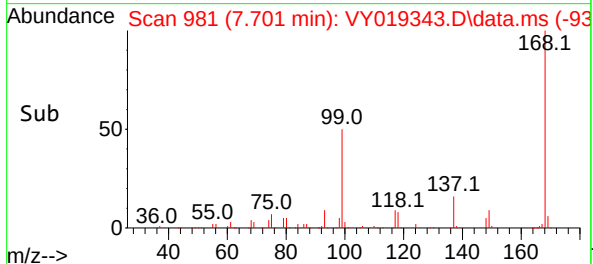
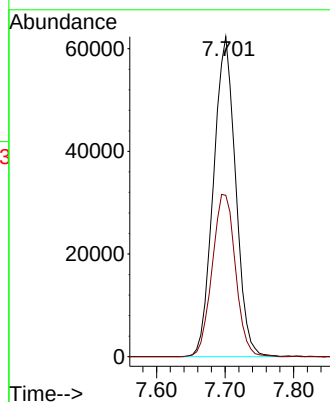
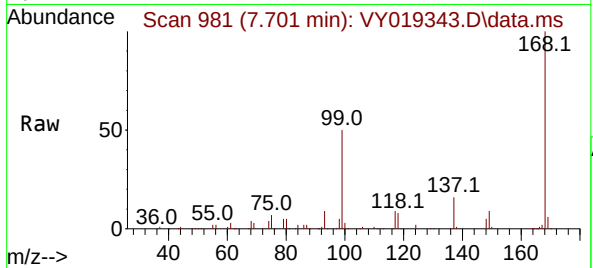




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

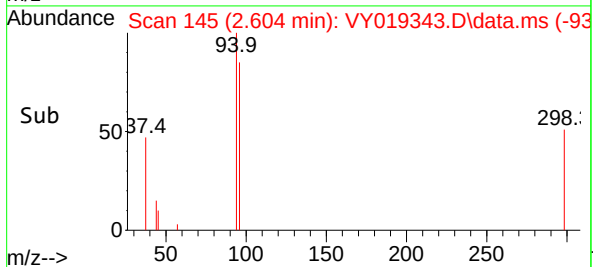
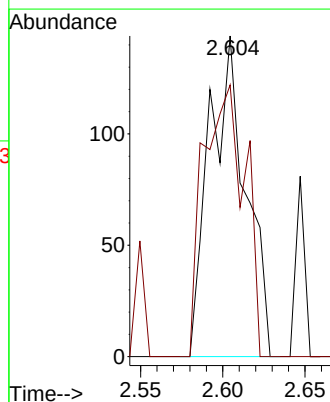
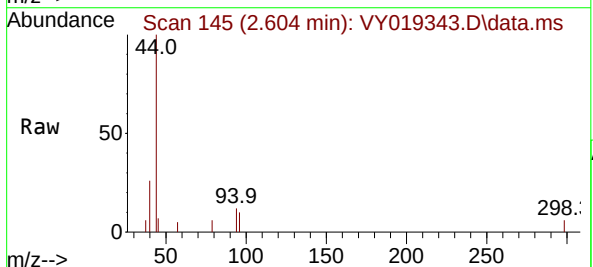
Instrument :
MSVOA_Y
ClientSampleId :

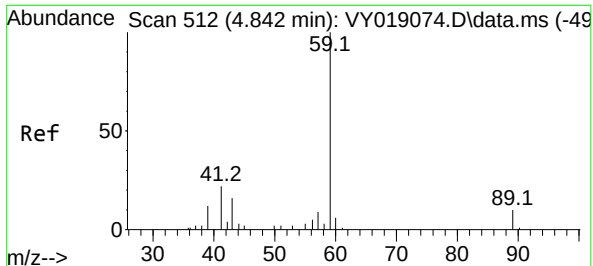
Tgt Ion:168 Resp: 139930
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 84.7 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.830 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019343.D

Acq: 28 Aug 2024 20:38

Instrument :

MSVOA_Y

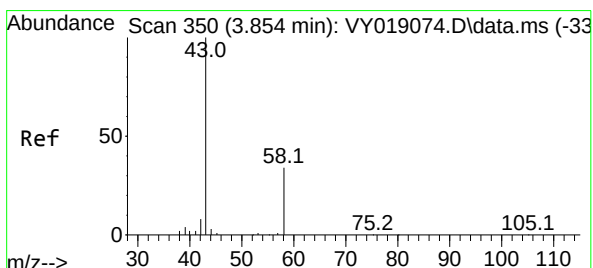
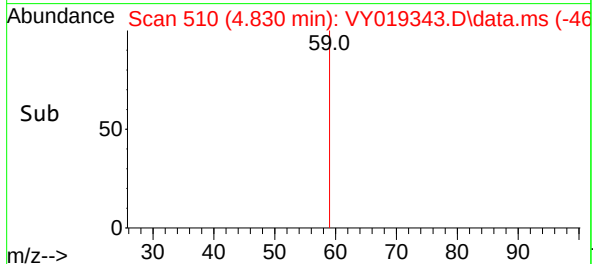
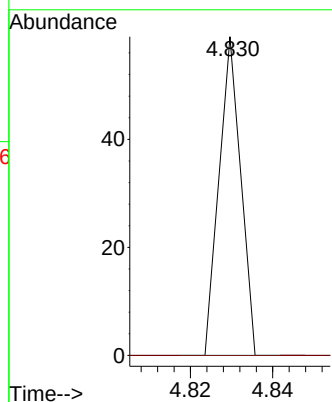
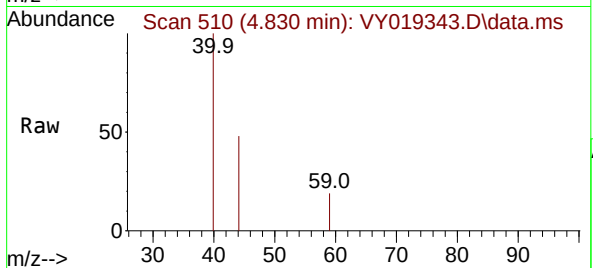
ClientSampleId :

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.142 ug/l

RT: 3.866 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY019343.D

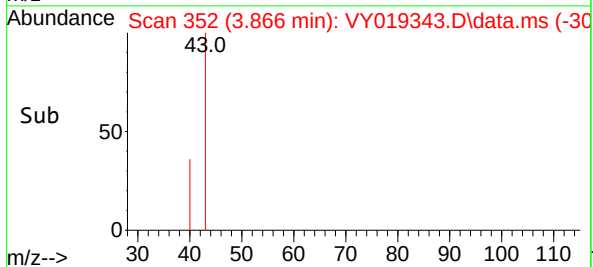
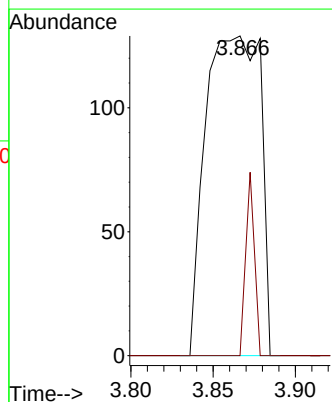
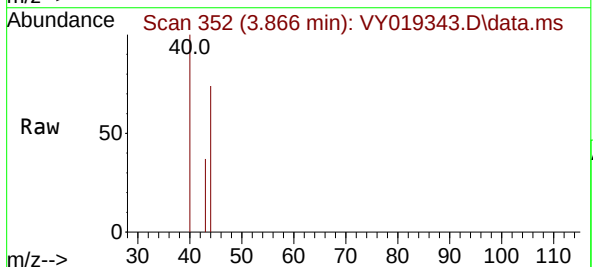
Acq: 28 Aug 2024 20:38

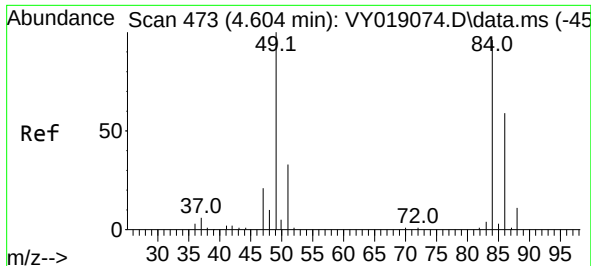
Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

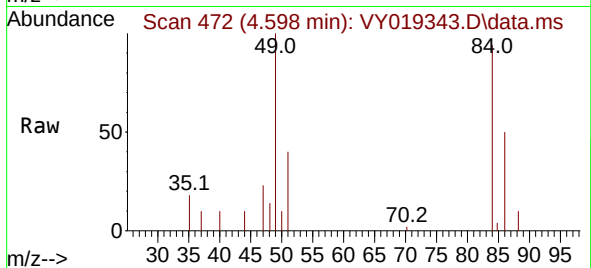
58 0.0 31.7 47.5#



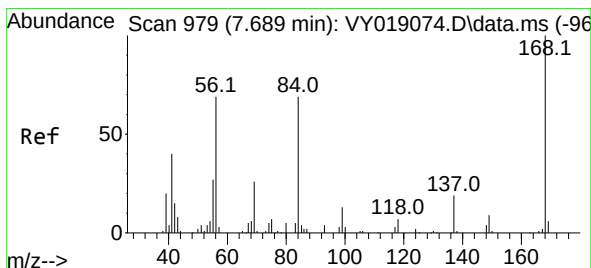
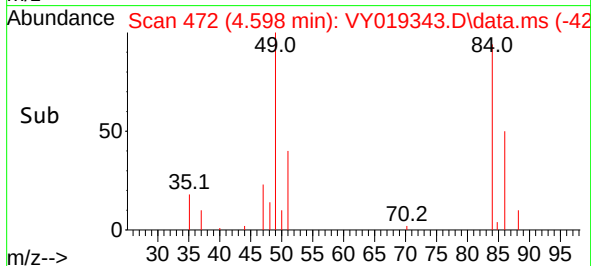
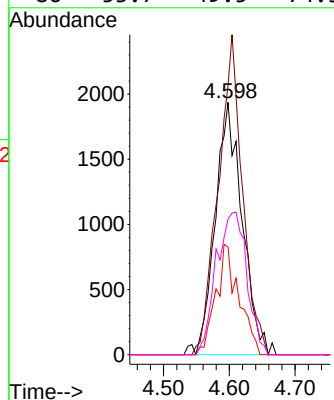


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

Instrument :
MSVOA_Y
ClientSampleId :

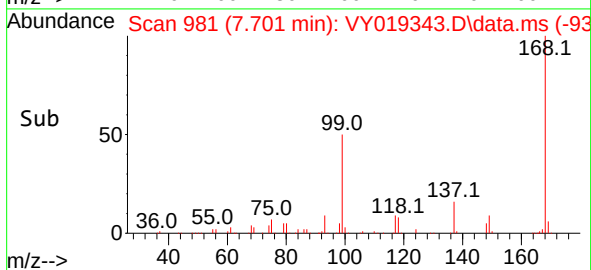
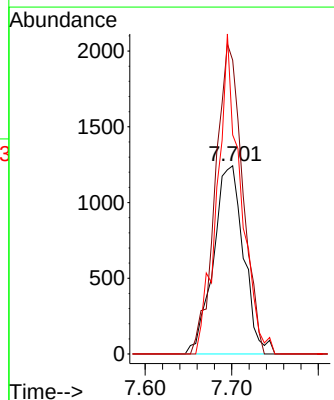
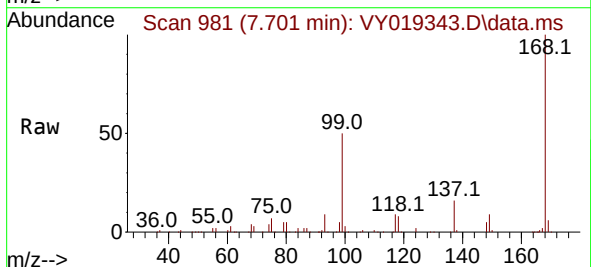


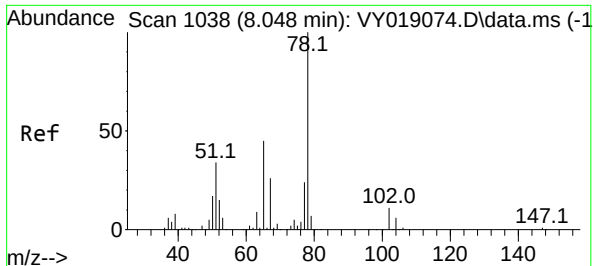
Tgt Ion:	84	Resp:	5520
Ion	Ratio	Lower	Upper
84	100		
49	106.7	84.4	126.6
51	42.7	26.0	39.0#
86	53.7	49.5	74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

Tgt Ion:	56	Resp:	3025
Ion	Ratio	Lower	Upper
56	100		
69	156.1	28.7	43.1#
84	116.4	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 51.644 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019343.D

Acq: 28 Aug 2024 20:38

Instrument :

MSVOA_Y

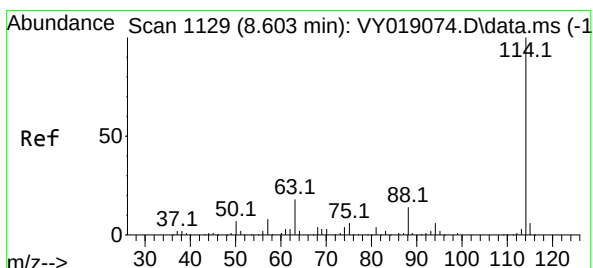
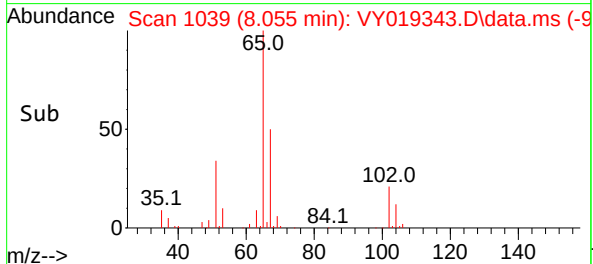
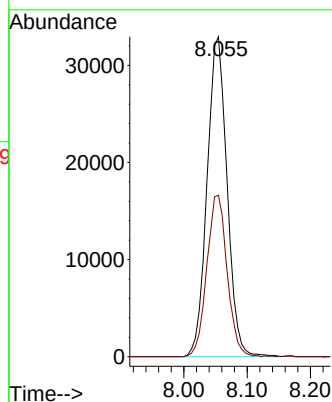
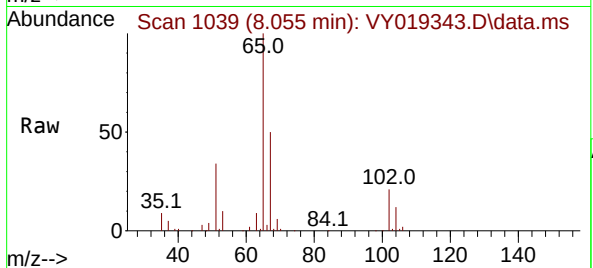
ClientSampleId :

Tgt Ion: 65 Resp: 72440

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019343.D

Acq: 28 Aug 2024 20:38

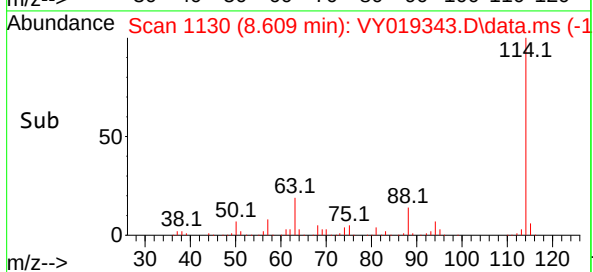
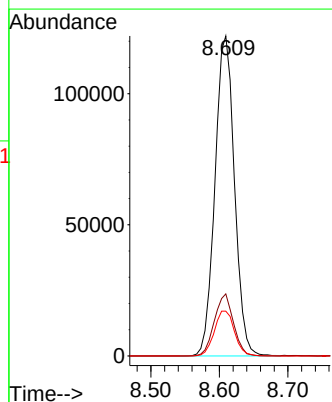
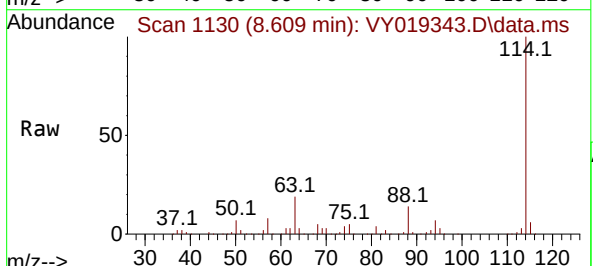
Tgt Ion:114 Resp: 240665

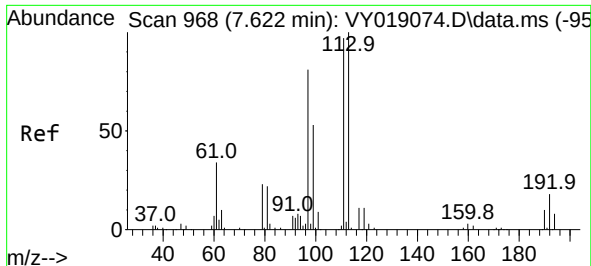
Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.0 0.0 27.2

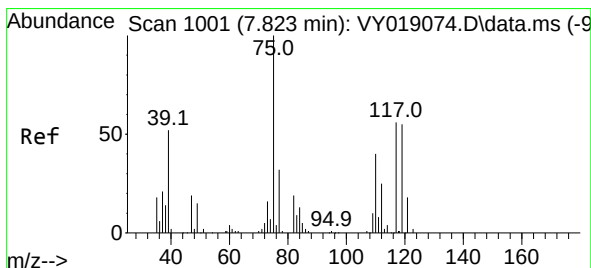
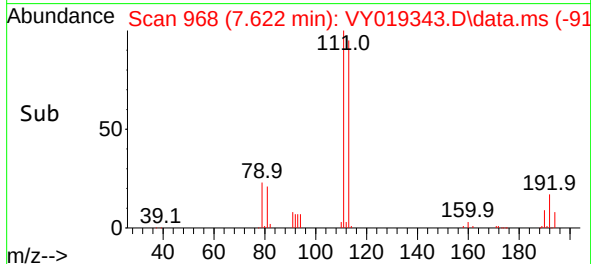
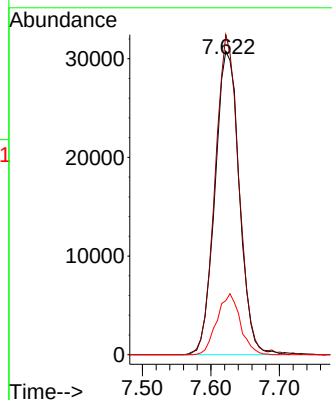
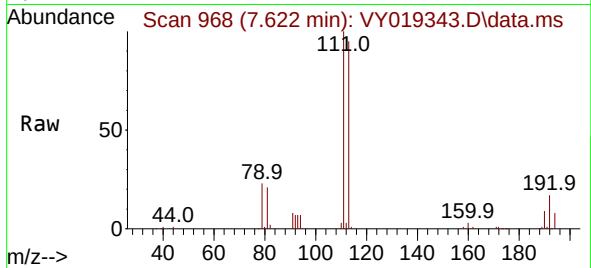




#35
Dibromofluoromethane
Concen: 48.241 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

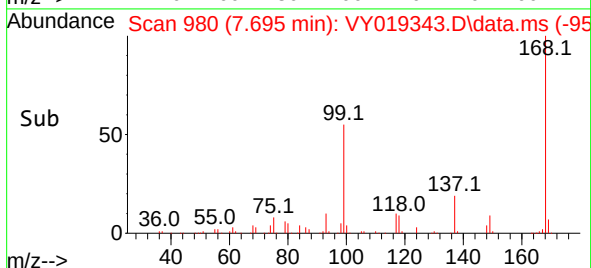
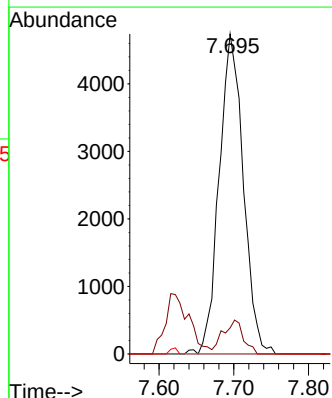
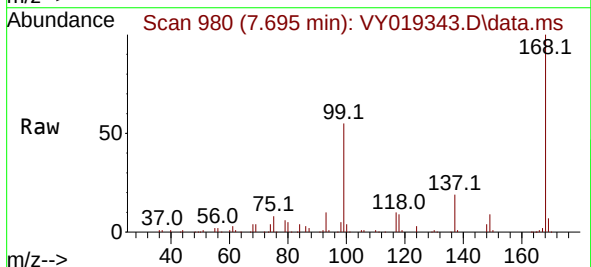
Instrument :
MSVOA_Y
ClientSampleId :

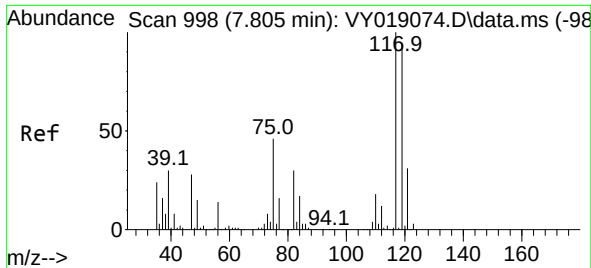
Tgt Ion:113 Resp: 75912
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

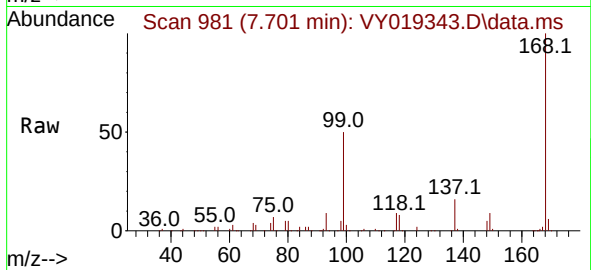
Tgt Ion: 75 Resp: 10645
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



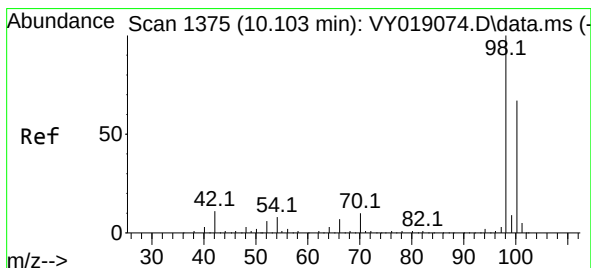
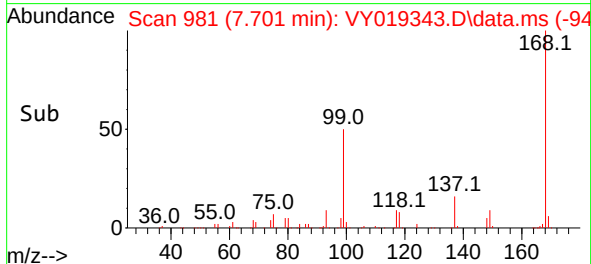
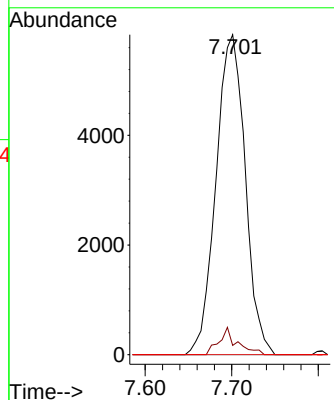


#38
Carbon Tetrachloride
Concen: 5.458 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

Instrument :
MSVOA_Y
ClientSampleId :

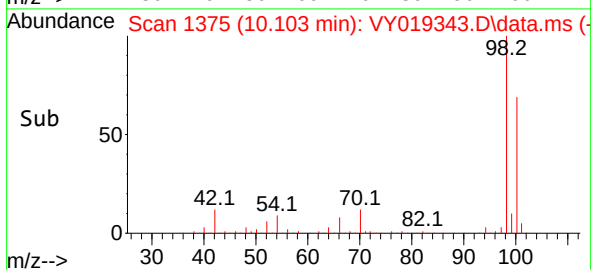
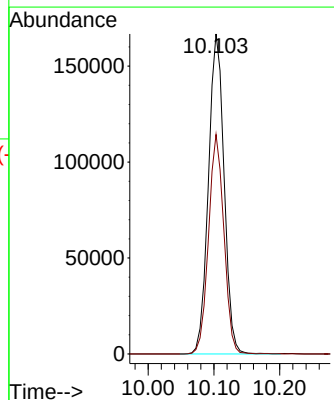
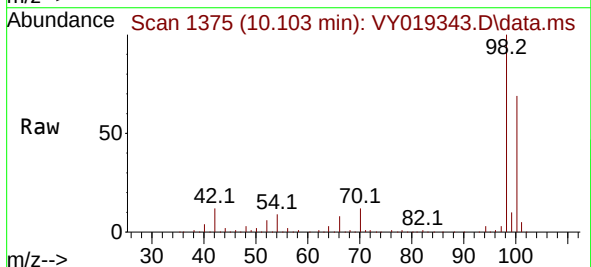


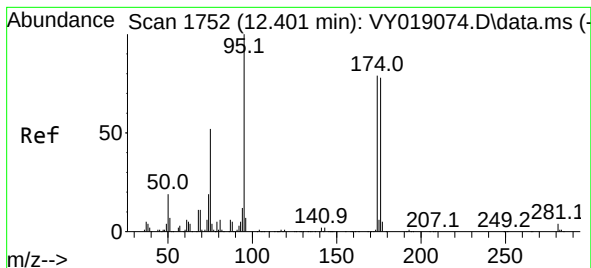
Tgt Ion:117 Resp: 13668
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.815 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

Tgt Ion: 98 Resp: 276436
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0

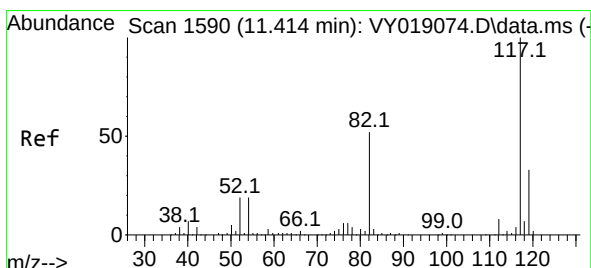
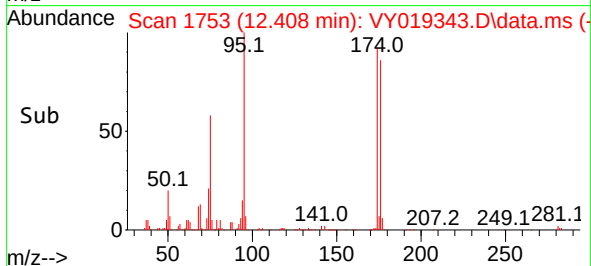
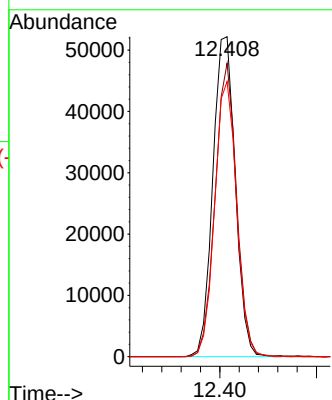
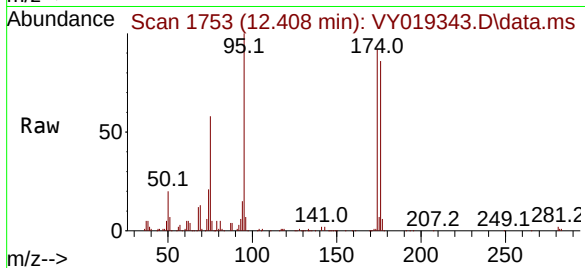




#62
4-Bromofluorobenzene
Concen: 43.391 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

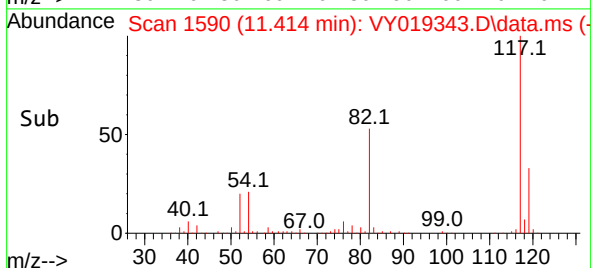
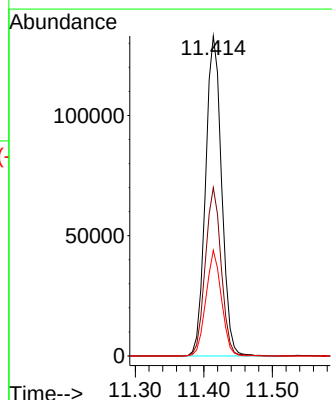
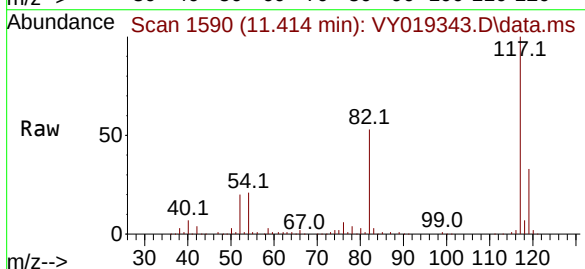
Instrument :
MSVOA_Y
ClientSampleId :

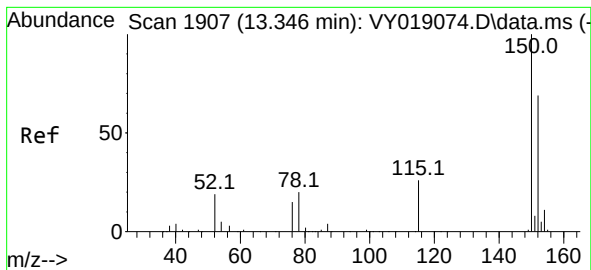
Tgt Ion: 95 Resp: 83765
Ion Ratio Lower Upper
95 100
174 87.9 0.0 175.6
176 84.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019343.D
Acq: 28 Aug 2024 20:38

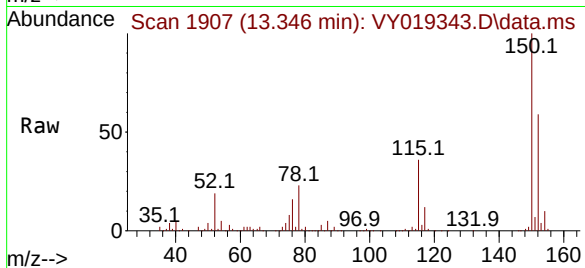
Tgt Ion: 117 Resp: 217282
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 33.0 25.9 38.9



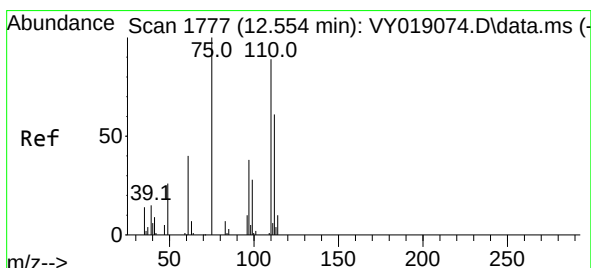
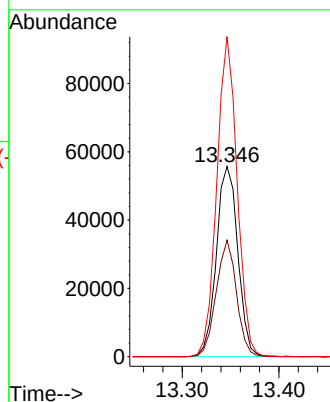
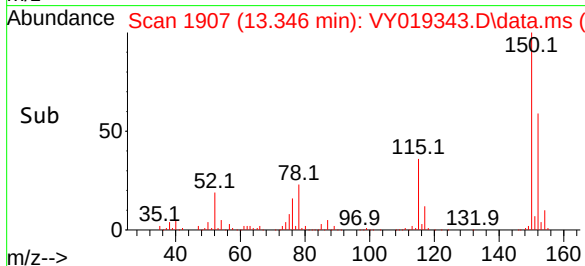


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019343.D
 Acq: 28 Aug 2024 20:38

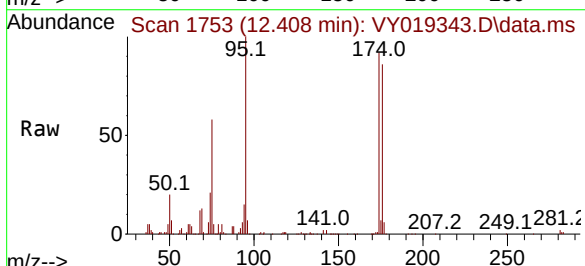
Instrument :
 MSVOA_Y
 ClientSampleId :



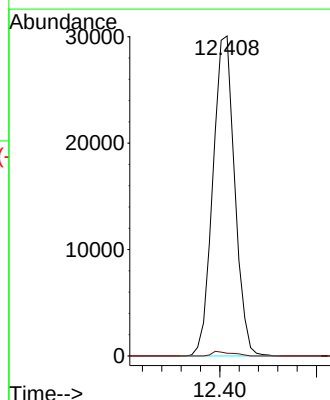
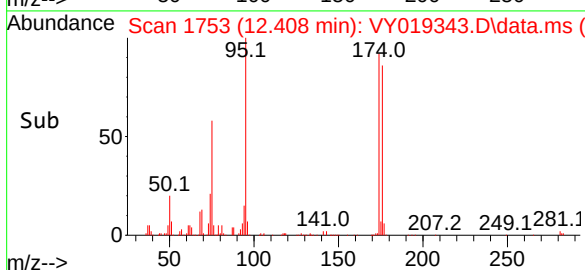
Tgt Ion:152 Resp: 85595
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 159.8 0.0 345.6

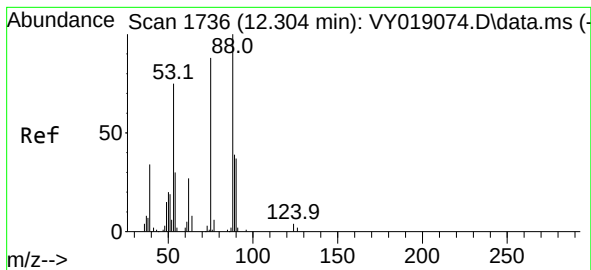


#76
 1,2,3-Trichloropropane
 Concen: 55.708 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019343.D
 Acq: 28 Aug 2024 20:38



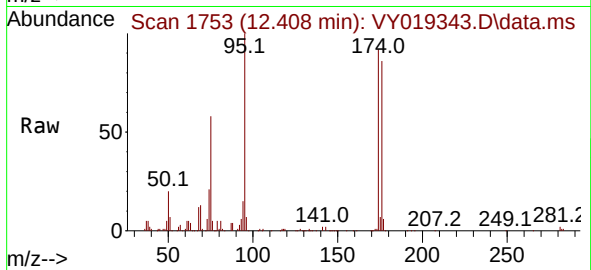
Tgt Ion: 75 Resp: 47024
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.579 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019343.D
 Acq: 28 Aug 2024 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 47024
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

