

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019301.D
 Acq On : 27 Aug 2024 22:32
 Operator : SY/MD
 Sample : VY0827SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:32:38 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)

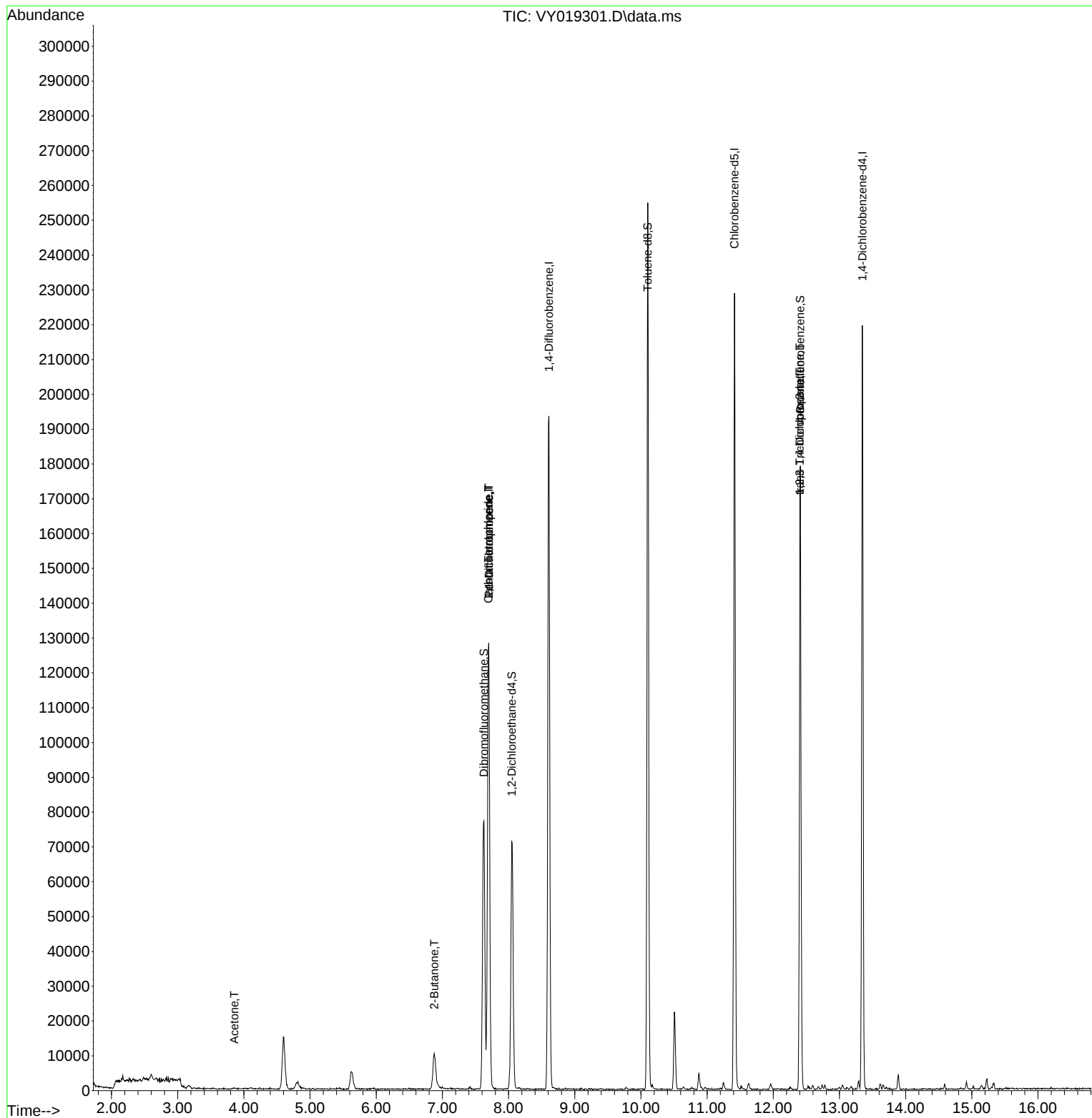
Internal Standards						
1) Pentafluorobenzene	7.701	168	102250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	172890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	122152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	52794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	57368	55.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.940%
35) Dibromofluoromethane	7.628	113	55543	49.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.103	98	160129	39.362	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.720%
62) 4-Bromofluorobenzene	12.407	95	48757	35.157	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.320%
Target Compounds						
						Qvalue
5) Bromomethane	2.586	94	1184	Below Cal	#	42
6) Chloroethane	2.751	64	22	Below Cal	#	42
11) Tert butyl alcohol	4.799	59	1808	Below Cal	#	88
16) Acetone	3.854	43	537	2.825	ug/l	91
20) Methylene Chloride	4.604	84	10577	Below Cal		95
25) 2-Butanone	6.878	43	789	2.577	ug/l #	41
31) Cyclohexane	7.701	56	2180	Below Cal	#	26
36) 1,1-Dichloropropene	7.701	75	7960	5.128	ug/l #	50
38) Carbon Tetrachloride	7.695	117	10274	5.711	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	26152	50.230	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	26152	124.051	ug/l #	16

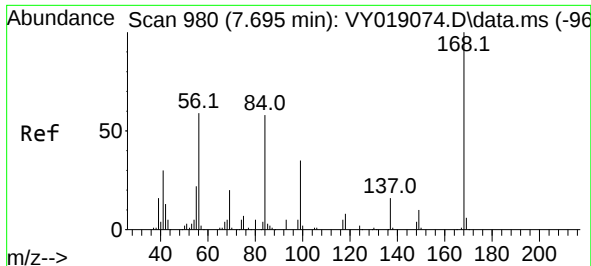
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

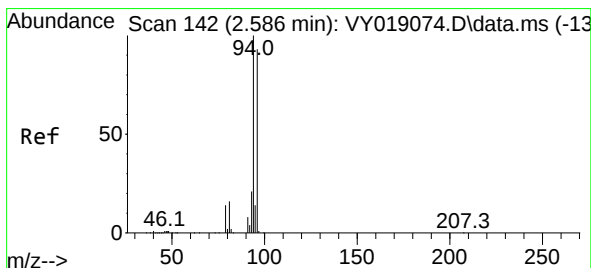
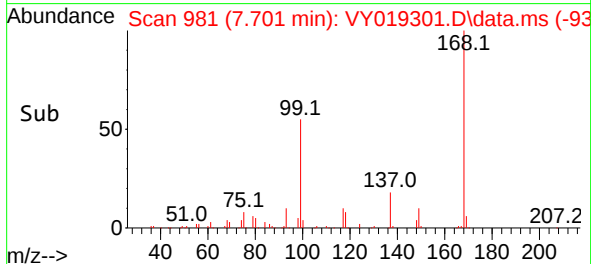
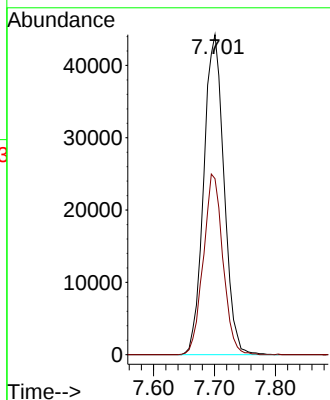
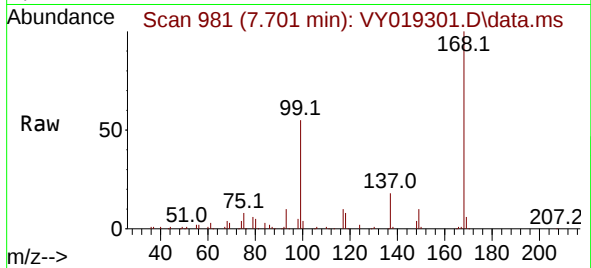




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

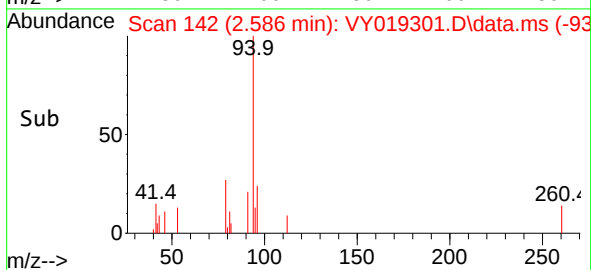
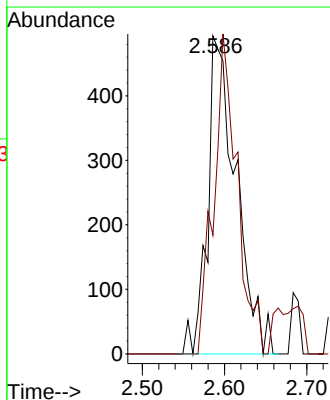
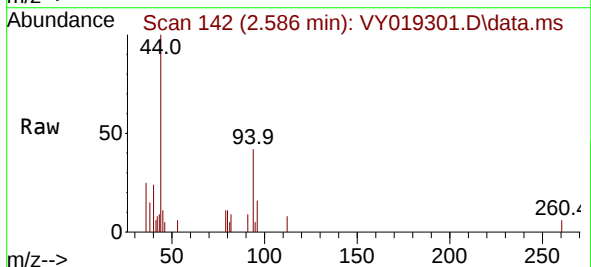
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 102250
Ion Ratio Lower Upper
168 100
99 55.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.586 min Scan# 142
Delta R.T. -0.000 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Tgt Ion: 94 Resp: 1184
Ion Ratio Lower Upper
94 100
96 37.3 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.799 min Scan# 50

Delta R.T. -0.043 min

Lab File: VY019301.D

Acq: 27 Aug 2024 22:32

Instrument :

MSVOA_Y

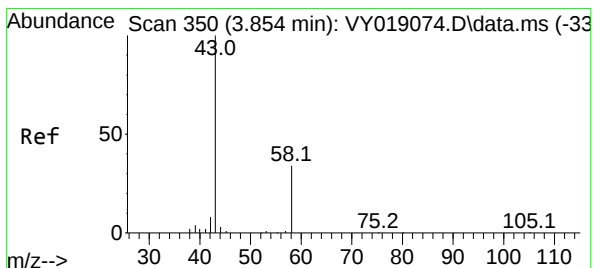
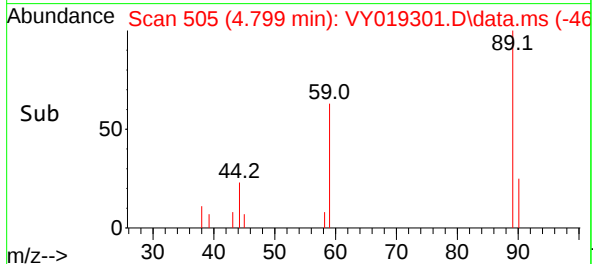
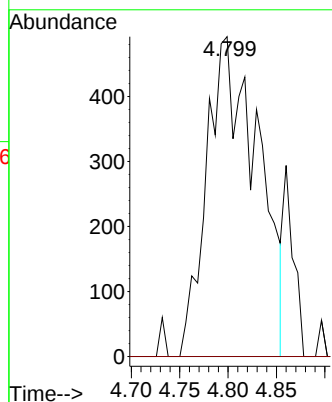
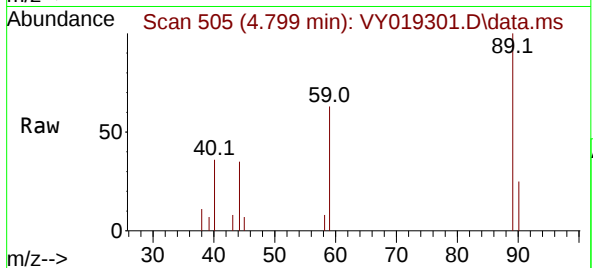
ClientSampleId :

Tgt Ion: 59 Resp: 1808

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 2.825 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019301.D

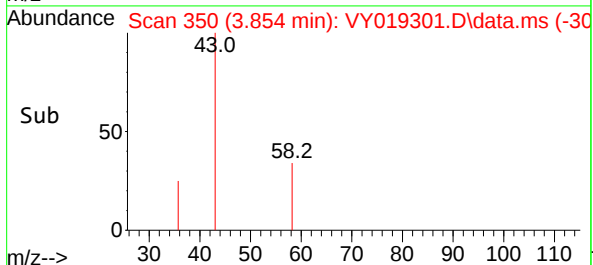
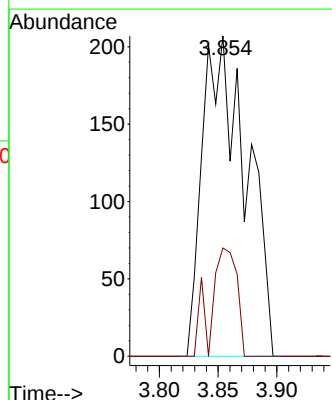
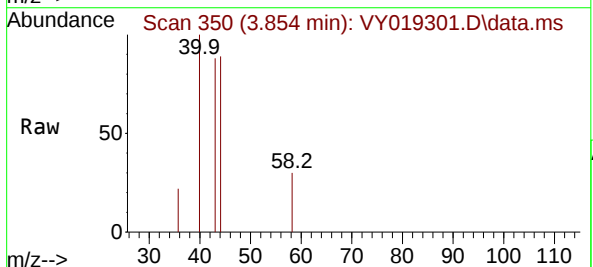
Acq: 27 Aug 2024 22:32

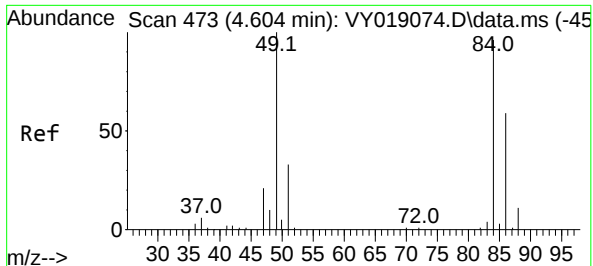
Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

58 33.8 31.7 47.5





#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY019301.D

Acq: 27 Aug 2024 22:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 10577

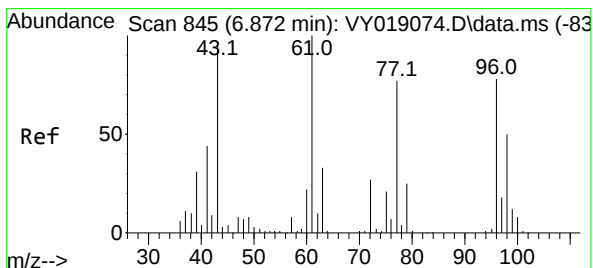
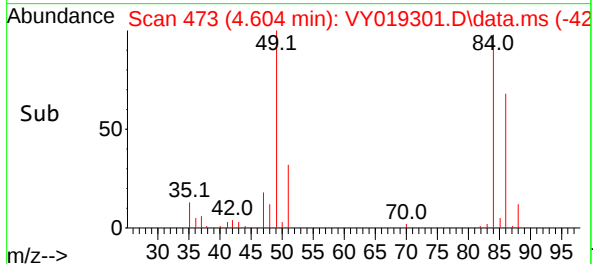
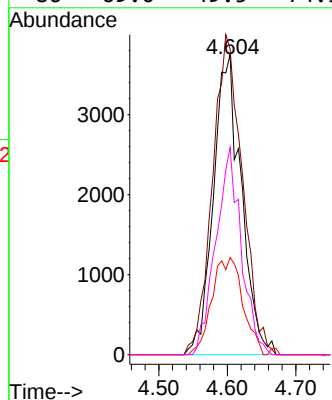
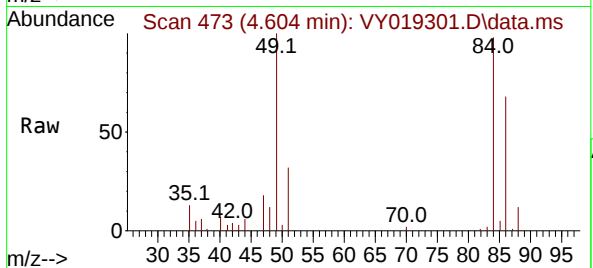
Ion Ratio Lower Upper

84 100

49 101.8 84.4 126.6

51 32.3 26.0 39.0

86 69.0 49.5 74.3



#25

2-Butanone

Concen: 2.577 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY019301.D

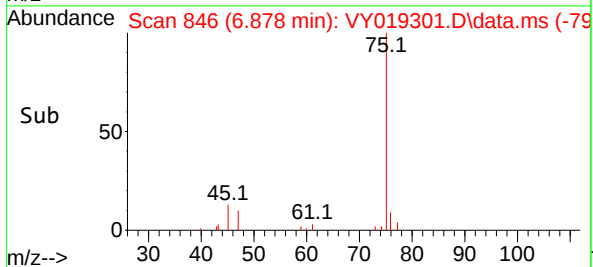
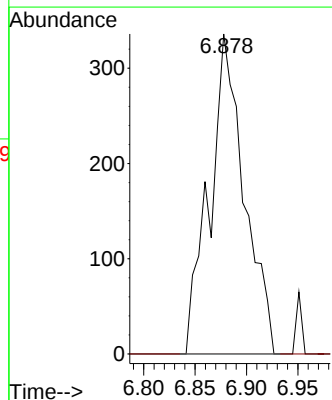
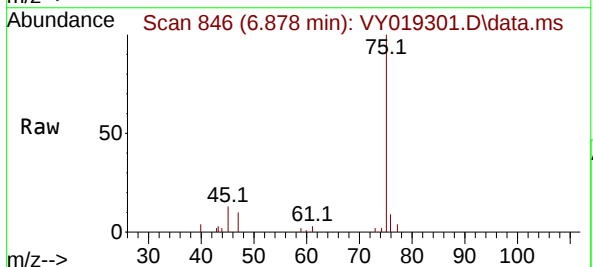
Acq: 27 Aug 2024 22:32

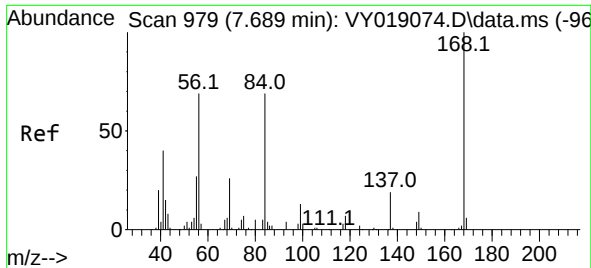
Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

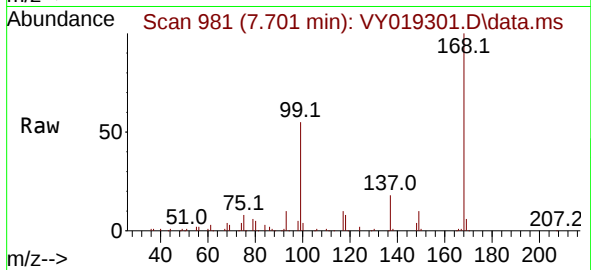
72 0.0 27.3 40.9#



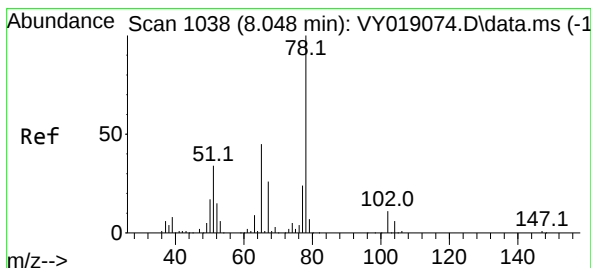
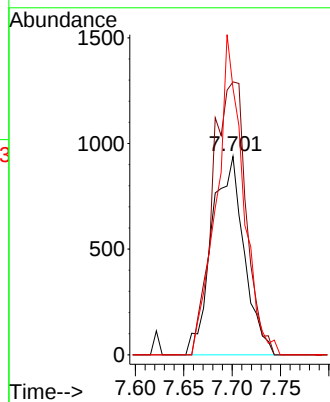
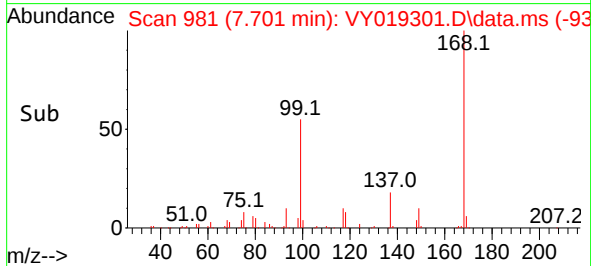


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Instrument :
MSVOA_Y
ClientSampleId :

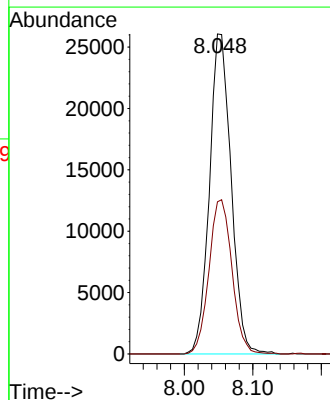
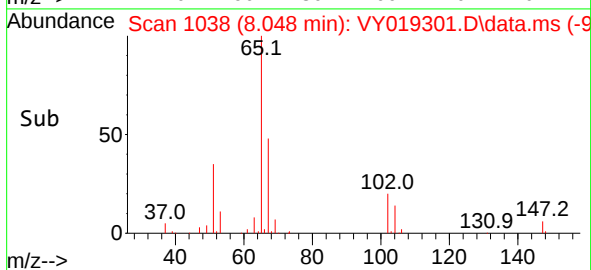
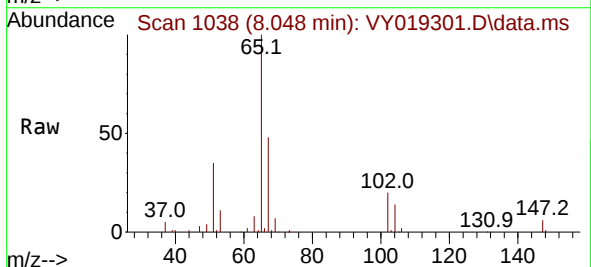


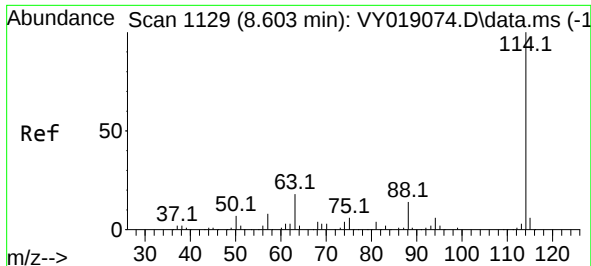
Tgt Ion: 56 Resp: 2180
Ion Ratio Lower Upper
56 100
69 137.6 28.7 43.1#
84 134.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.970 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Tgt Ion: 65 Resp: 57368
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019301.D

Acq: 27 Aug 2024 22:32

Instrument :

MSVOA_Y

ClientSampleId :

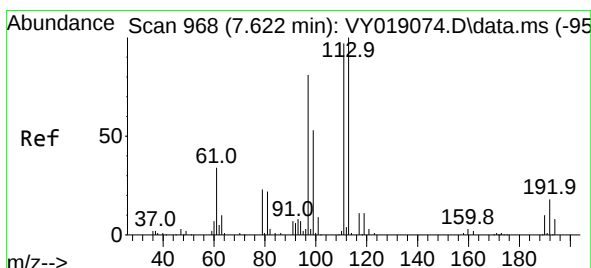
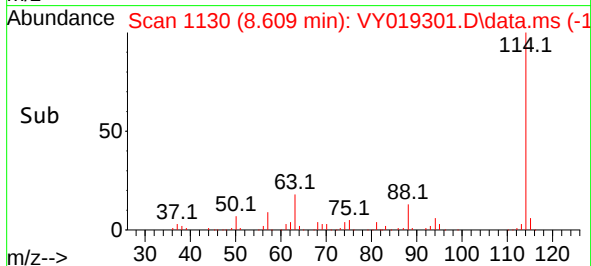
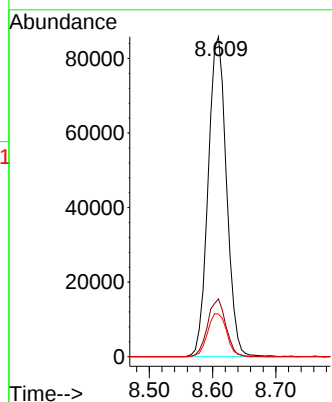
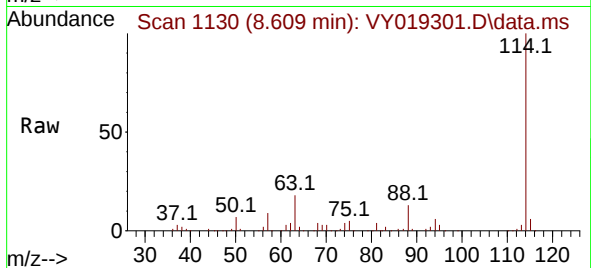
Tgt Ion:114 Resp: 172890

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.133 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019301.D

Acq: 27 Aug 2024 22:32

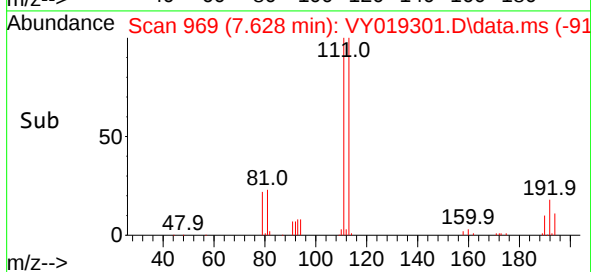
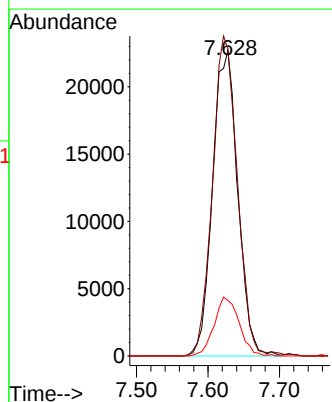
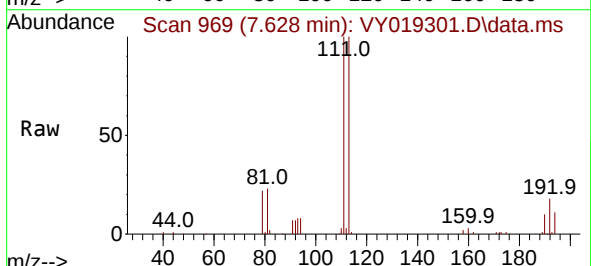
Tgt Ion:113 Resp: 55543

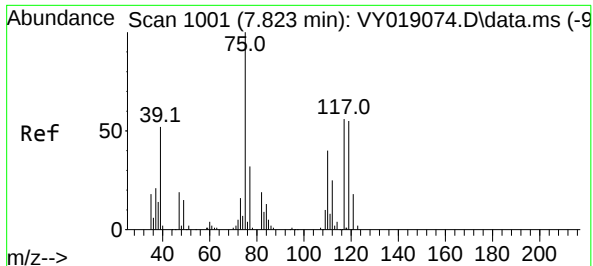
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.128 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY019301.D

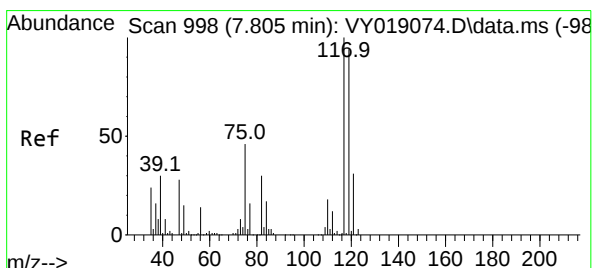
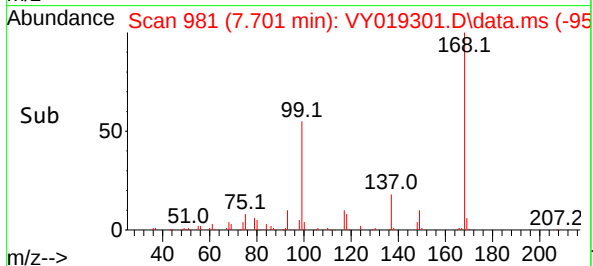
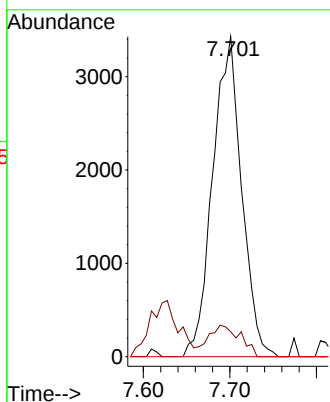
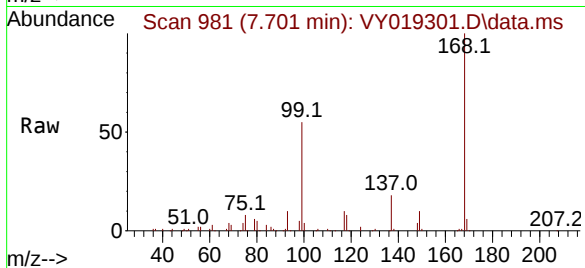
Acq: 27 Aug 2024 22:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	7960
Ion	Ratio	Lower	Upper
75	100		
110	11.0	19.0	57.0#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 5.711 ug/l

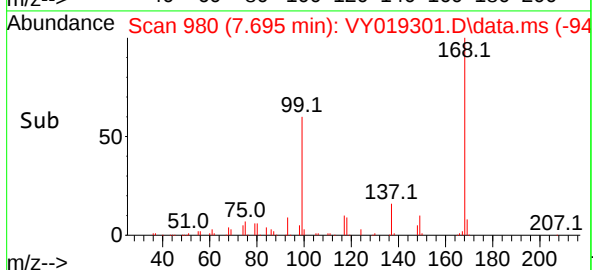
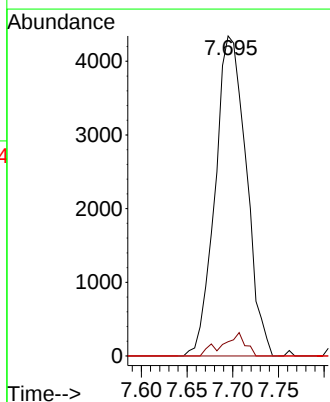
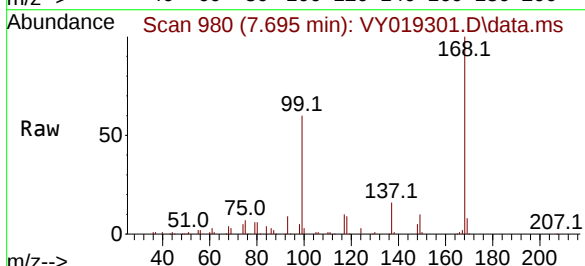
RT: 7.695 min Scan# 980

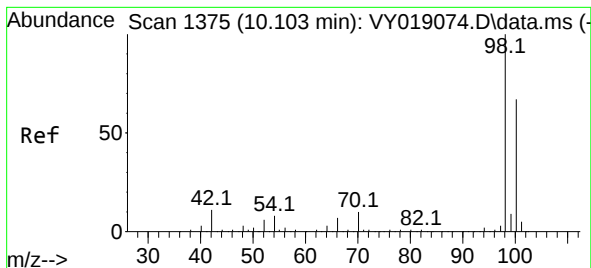
Delta R.T. -0.110 min

Lab File: VY019301.D

Acq: 27 Aug 2024 22:32

Tgt Ion:	117	Resp:	10274
Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.8	113.6#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 39.362 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019301.D

Acq: 27 Aug 2024 22:32

Instrument :

MSVOA_Y

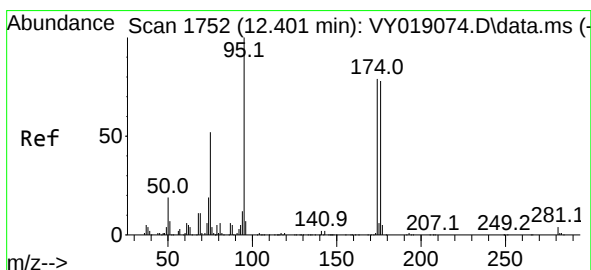
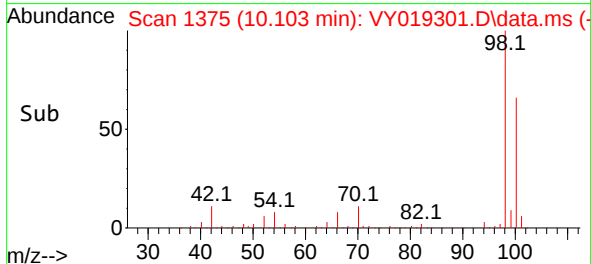
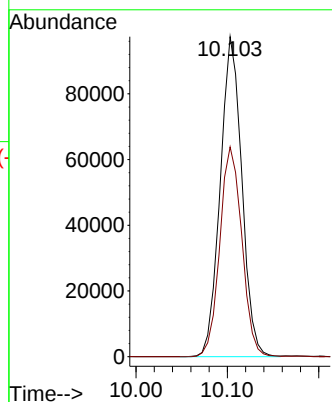
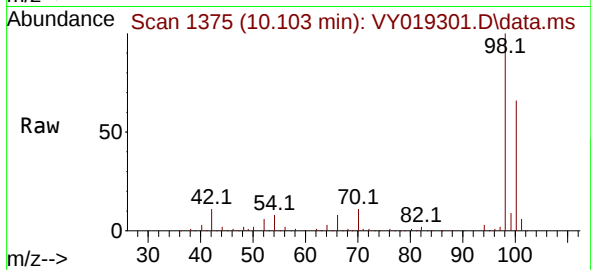
ClientSampleId :

Tgt Ion: 98 Resp: 160129

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.157 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019301.D

Acq: 27 Aug 2024 22:32

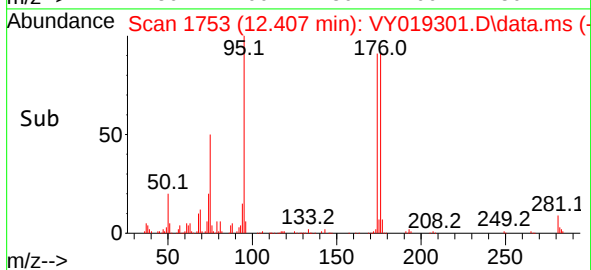
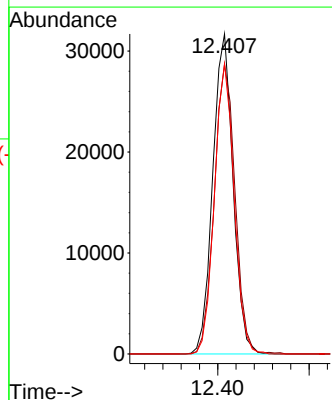
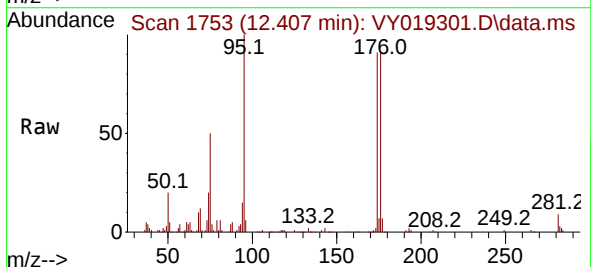
Tgt Ion: 95 Resp: 48757

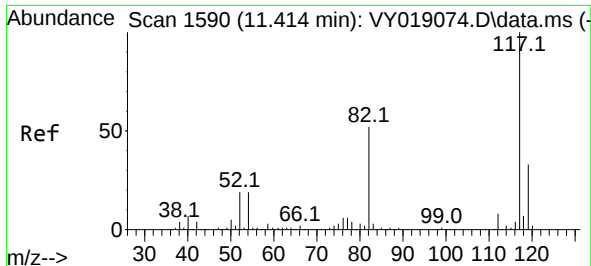
Ion Ratio Lower Upper

95 100

174 93.1 0.0 175.6

176 88.3 0.0 171.4

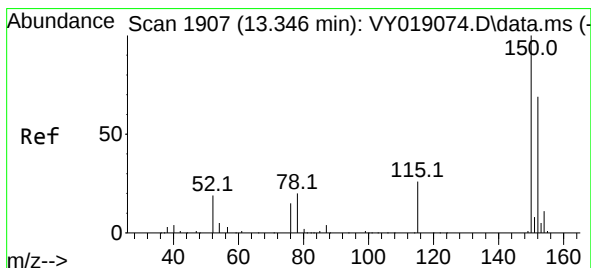
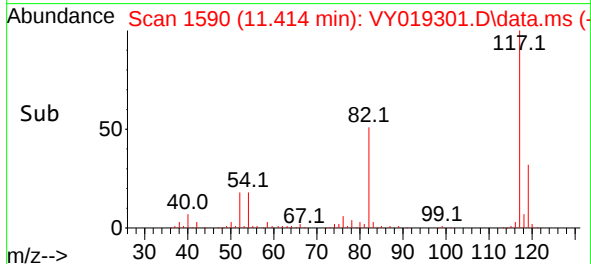
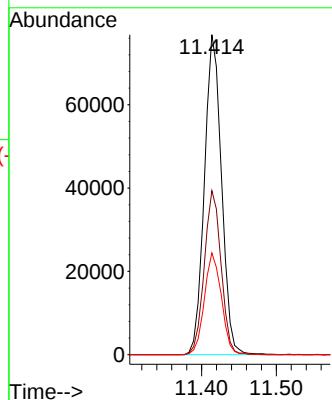
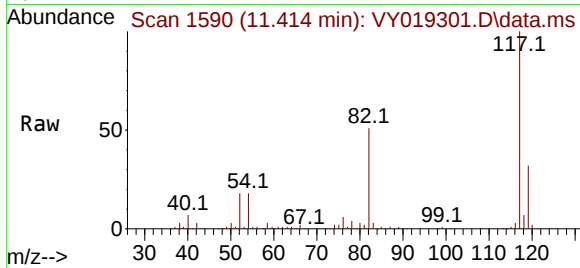




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

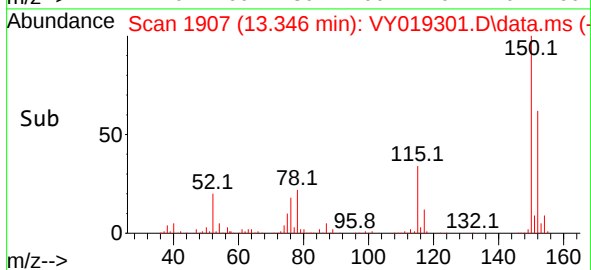
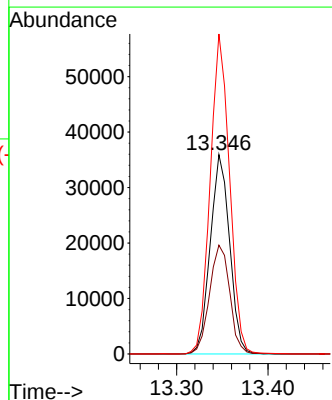
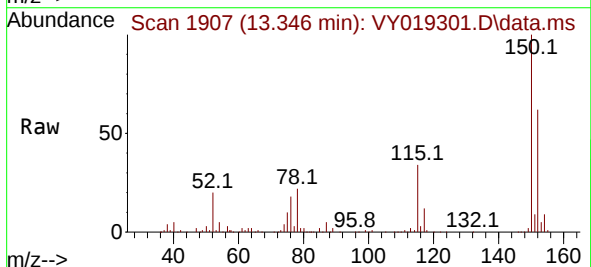
Instrument :
MSVOA_Y
ClientSampleId :

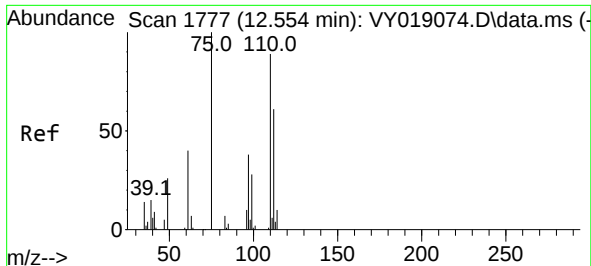
Tgt Ion:117 Resp: 122152
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Tgt Ion:152 Resp: 52794
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 160.2 0.0 345.6

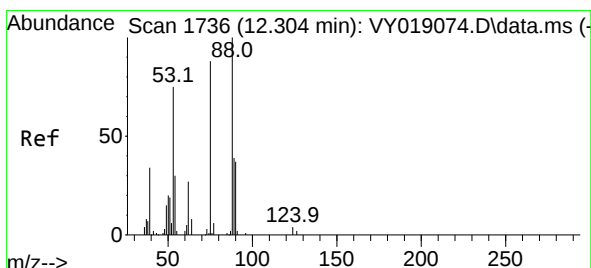
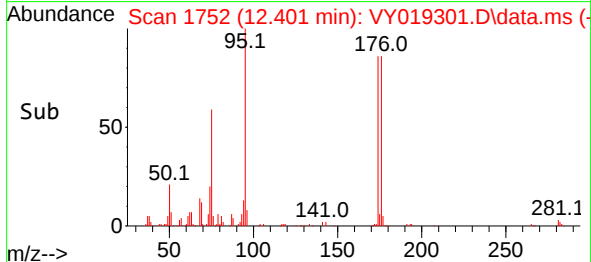
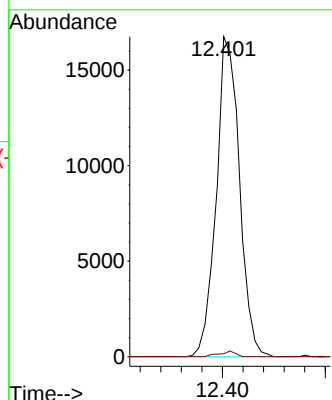
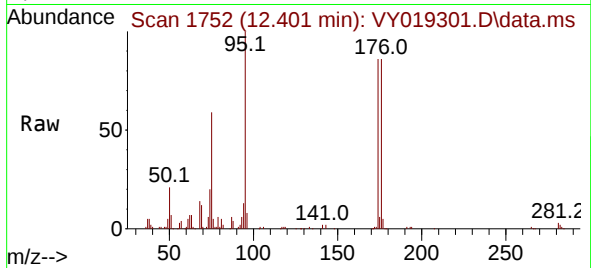




#76
1,2,3-Trichloropropane
Concen: 50.230 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 26152
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.051 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019301.D
Acq: 27 Aug 2024 22:32

Tgt Ion: 75 Resp: 26152
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

