

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019154.D
 Acq On : 20 Aug 2024 16:29
 Operator : SY/MD
 Sample : P3643-07
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:31:28 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)

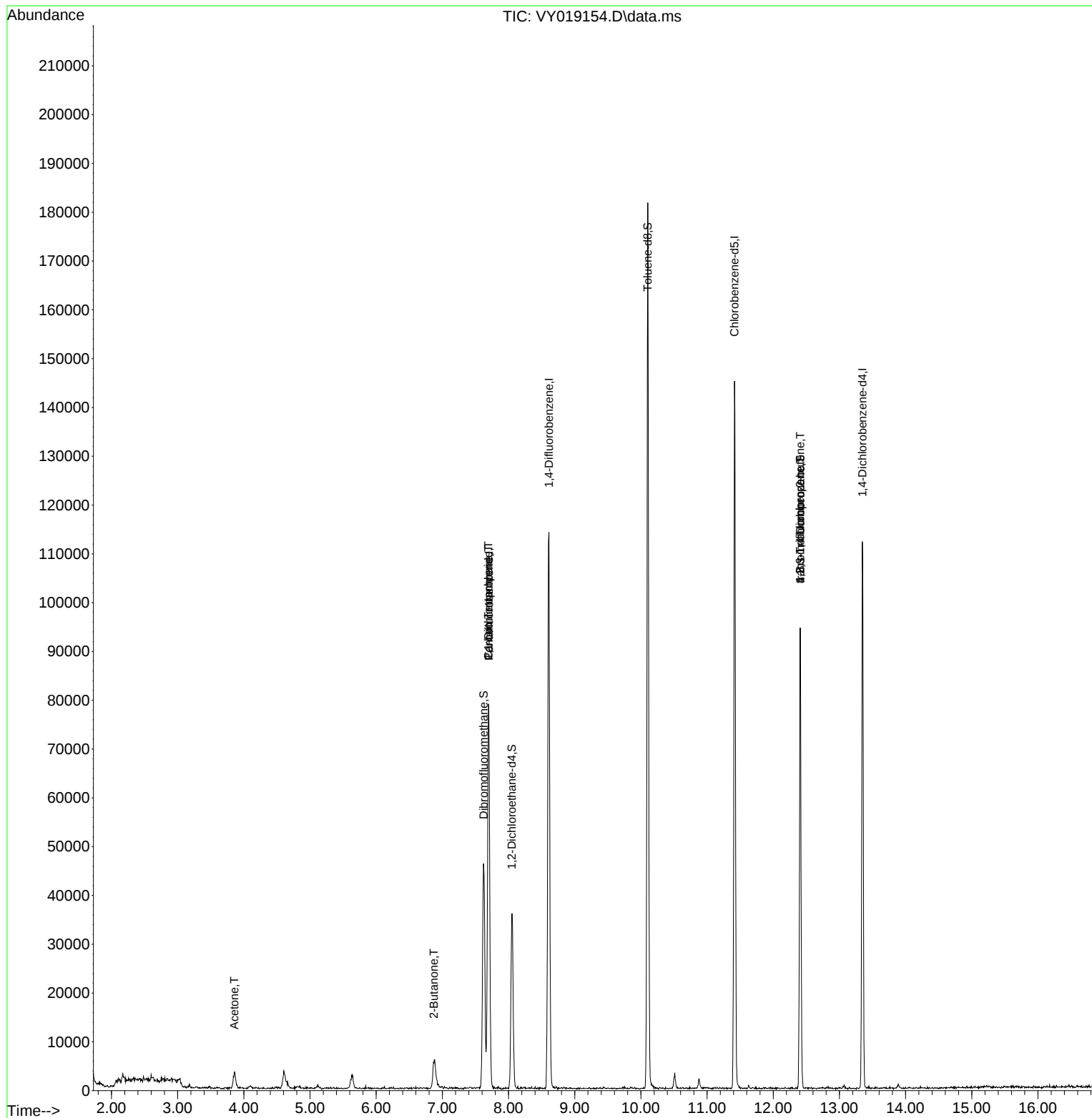
Internal Standards						
1) Pentafluorobenzene	7.701	168	61734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	100620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	77624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	27557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	29519	47.701	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.400%		
35) Dibromofluoromethane	7.622	113	32547	49.470	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.940%		
50) Toluene-d8	10.103	98	110320	46.596	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.200%		
62) 4-Bromofluorobenzene	12.408	95	27778	34.417	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	68.840%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.599	94	210	Below Cal	#	3
6) Chloroethane	2.739	64	51	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	236	Below Cal	#	88
16) Acetone	3.854	43	5400	47.053	ug/l #	78
20) Methylene Chloride	4.610	84	1822	Below Cal	#	96
25) 2-Butanone	6.872	43	539	2.916	ug/l #	67
31) Cyclohexane	7.701	56	1440	Below Cal	#	40
36) 1,1-Dichloropropene	7.695	75	4666	5.165	ug/l #	47
38) Carbon Tetrachloride	7.695	117	6605	6.309	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	15178	55.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	15178	137.932	ug/l #	16

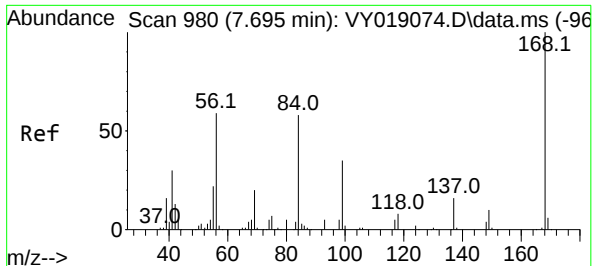
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
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Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

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Quant Time: Aug 21 01:31:28 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

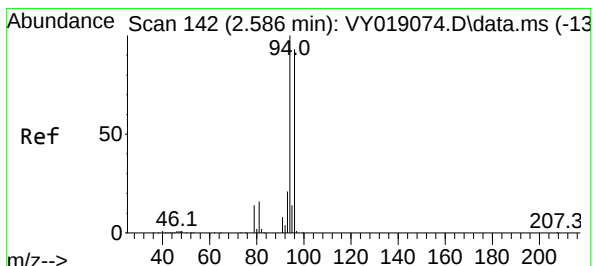
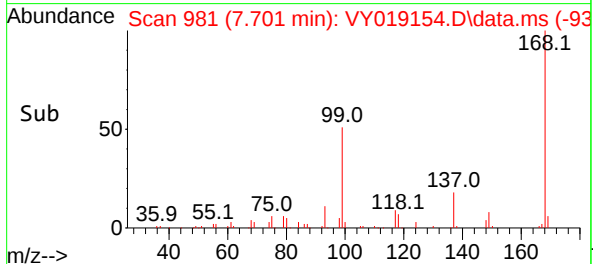
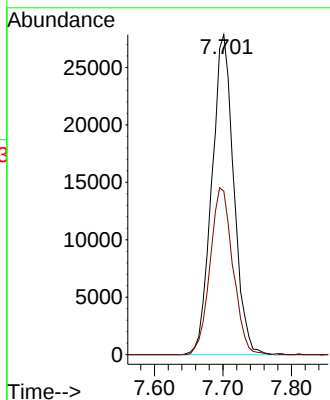
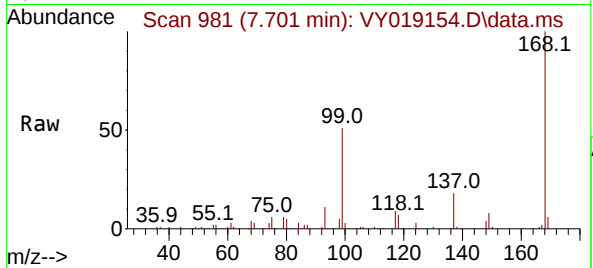




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

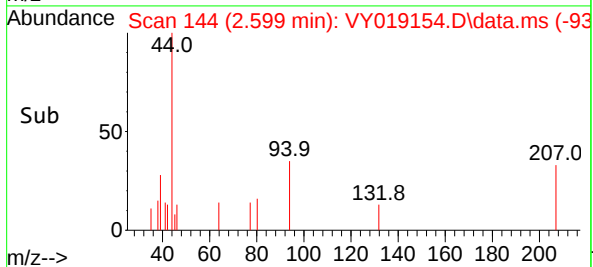
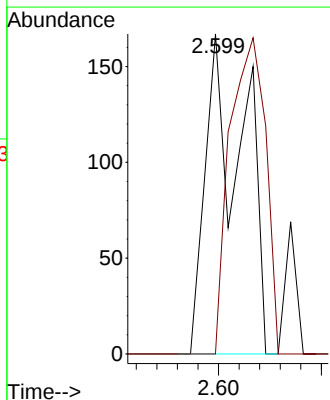
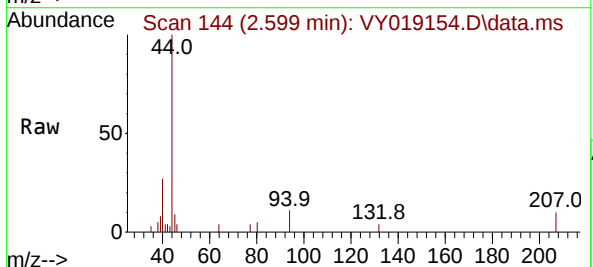
Instrument :
MSVOA_Y
ClientSampleId :

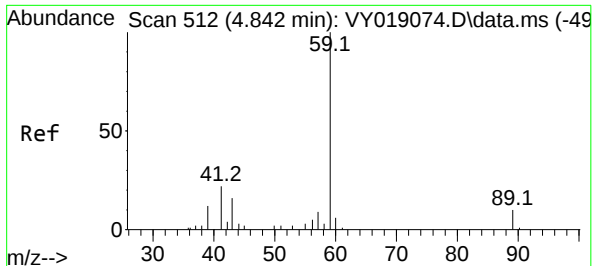
Tgt Ion:168 Resp: 61734
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.599 min Scan# 144
Delta R.T. 0.013 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.836 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY019154.D

Acq: 20 Aug 2024 16:29

Instrument :

MSVOA_Y

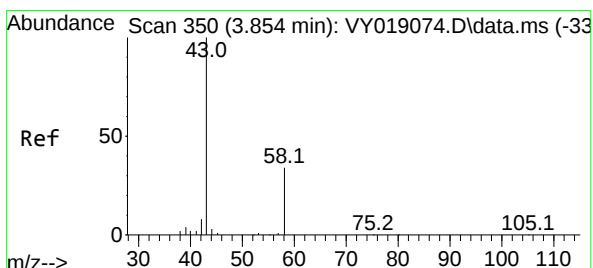
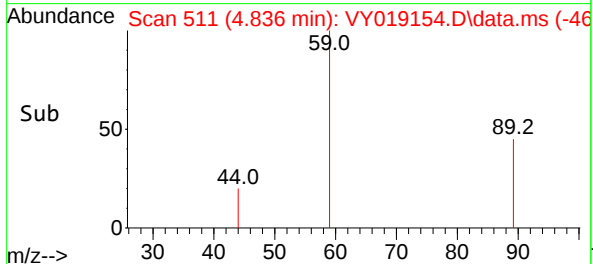
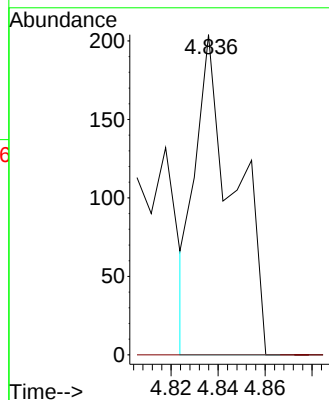
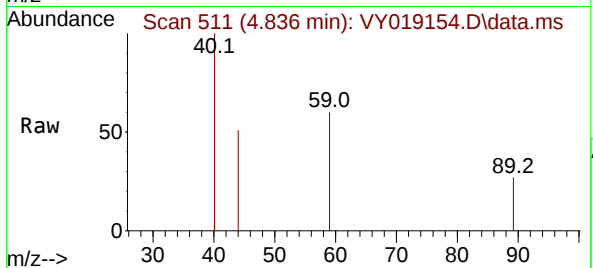
ClientSampleId :

Tgt Ion: 59 Resp: 236

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 47.053 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019154.D

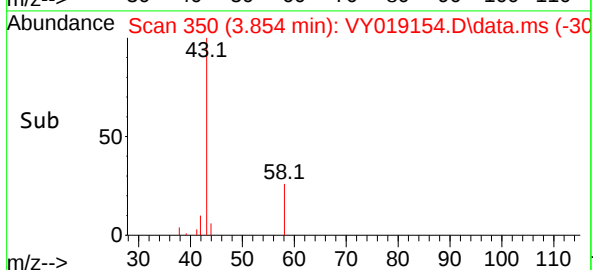
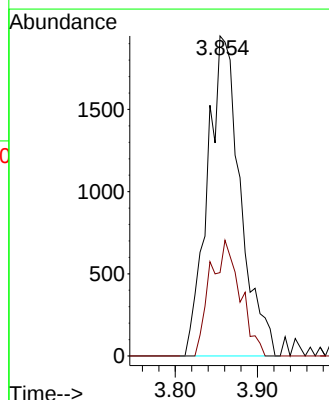
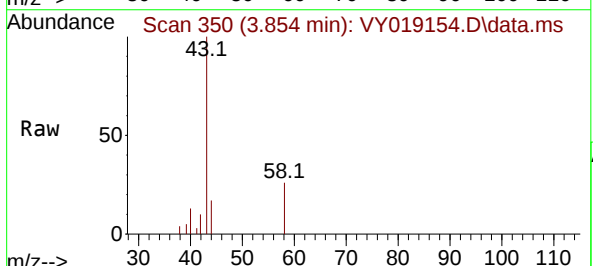
Acq: 20 Aug 2024 16:29

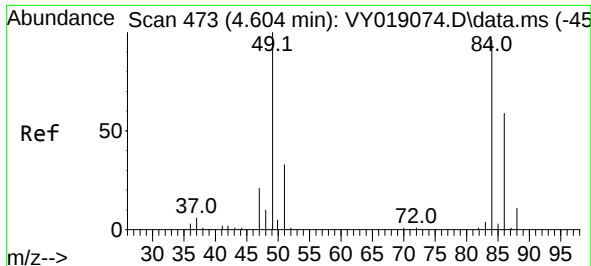
Tgt Ion: 43 Resp: 5400

Ion Ratio Lower Upper

43 100

58 26.1 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 41

Delta R.T. 0.006 min

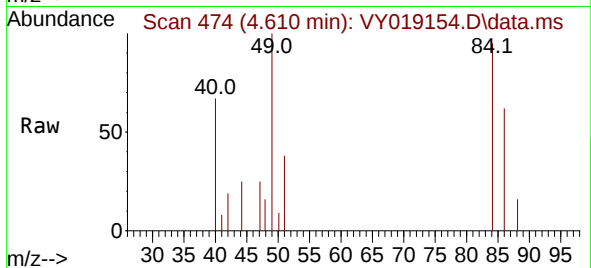
Lab File: VY019154.D

Acq: 20 Aug 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1822

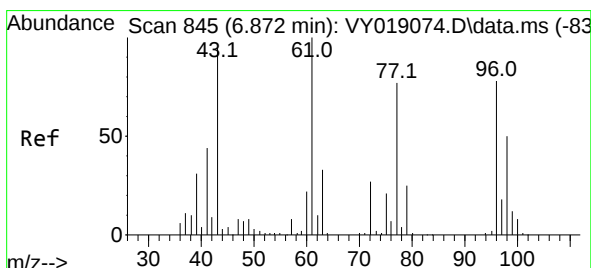
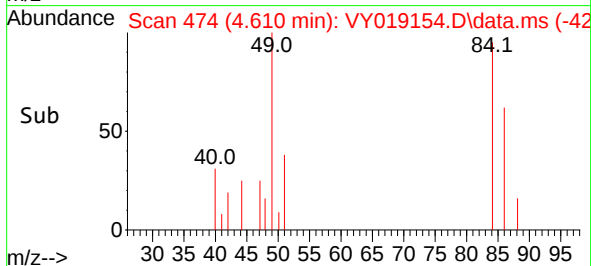
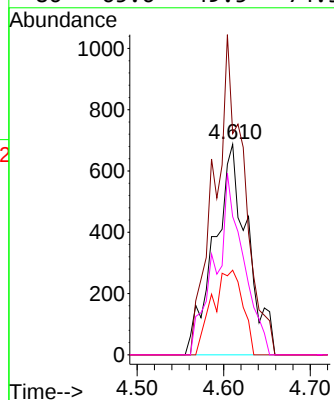
Ion Ratio Lower Upper

84 100

49 105.1 84.4 126.6

51 40.2 26.0 39.0#

86 65.6 49.5 74.3



#25

2-Butanone

Concen: 2.916 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY019154.D

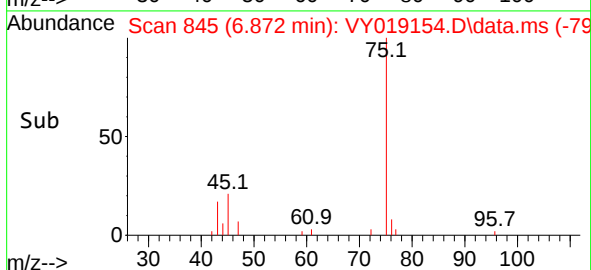
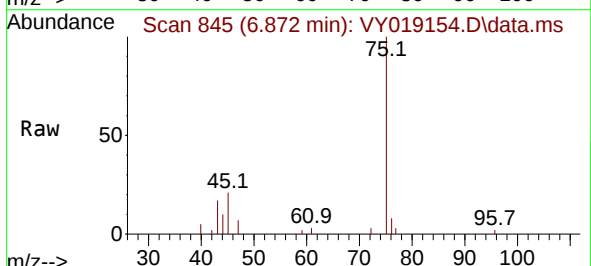
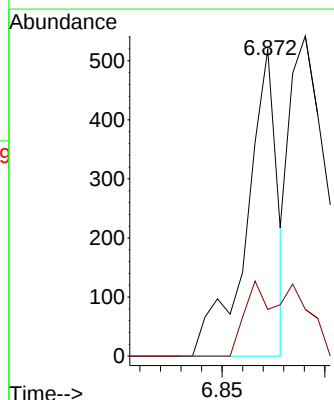
Acq: 20 Aug 2024 16:29

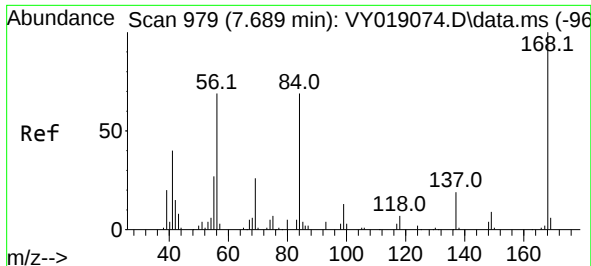
Tgt Ion: 43 Resp: 539

Ion Ratio Lower Upper

43 100

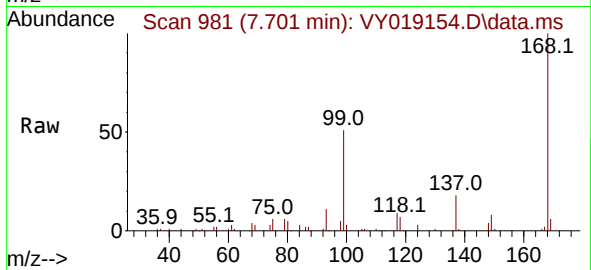
72 15.2 27.3 40.9#



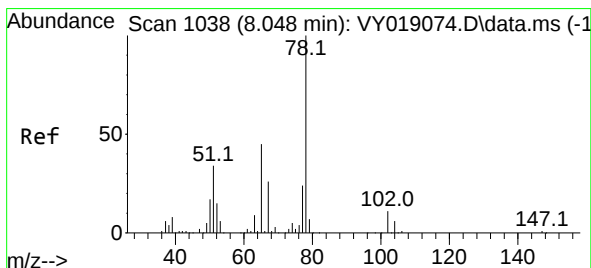
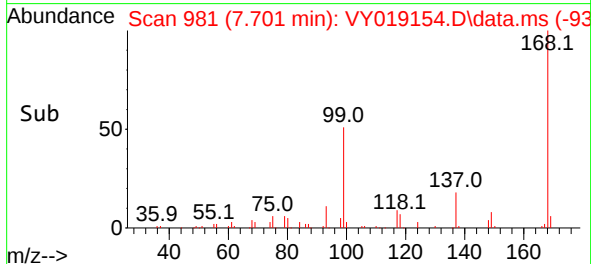
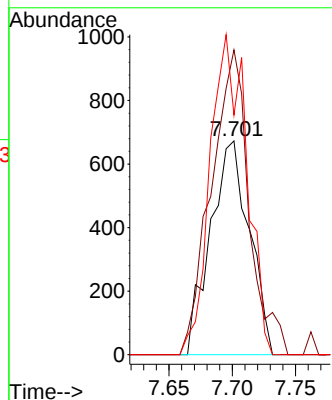


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

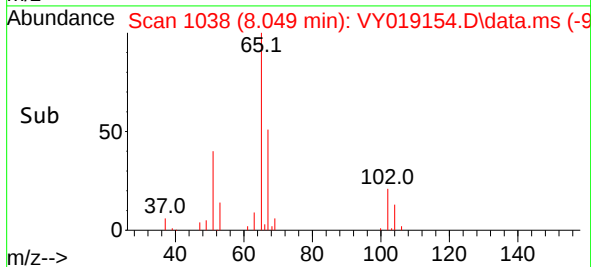
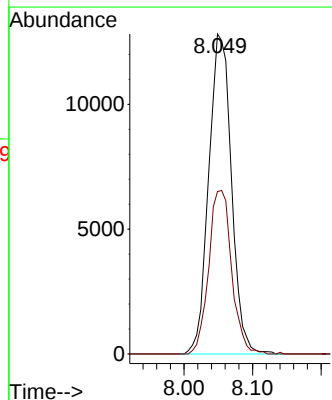
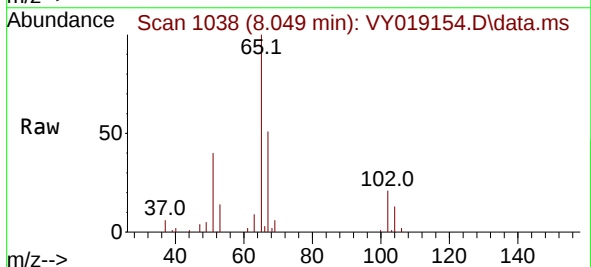


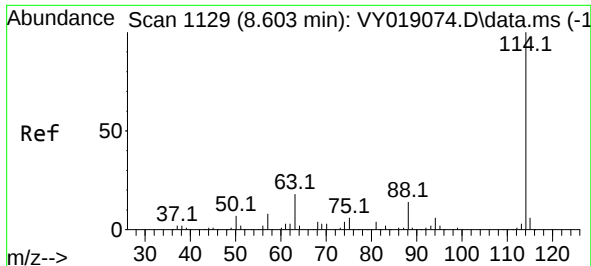
Tgt Ion: 56 Resp: 1440
Ion Ratio Lower Upper
56 100
69 142.5 28.7 43.1#
84 112.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 47.701 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

Tgt Ion: 65 Resp: 29519
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019154.D

Acq: 20 Aug 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

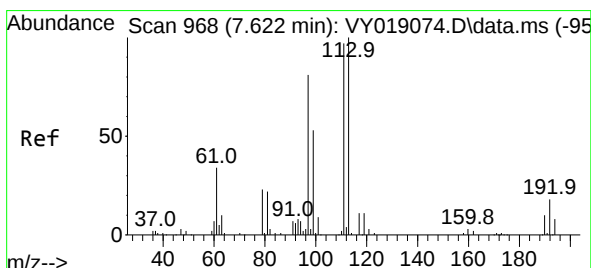
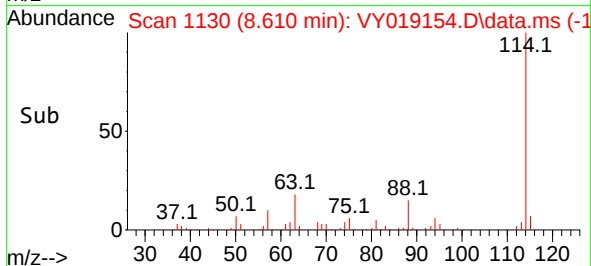
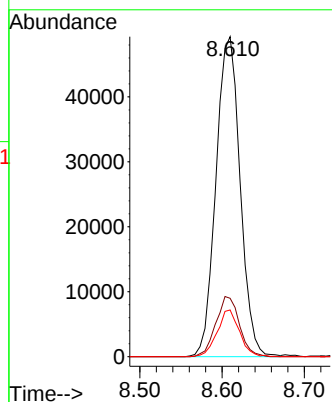
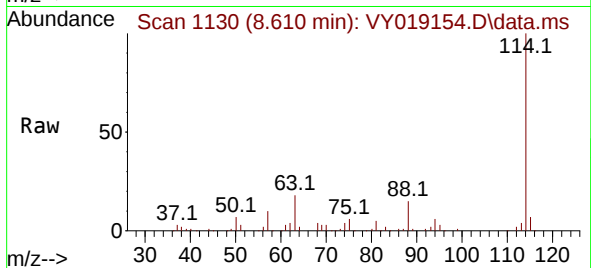
Tgt Ion:114 Resp: 100620

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.470 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019154.D

Acq: 20 Aug 2024 16:29

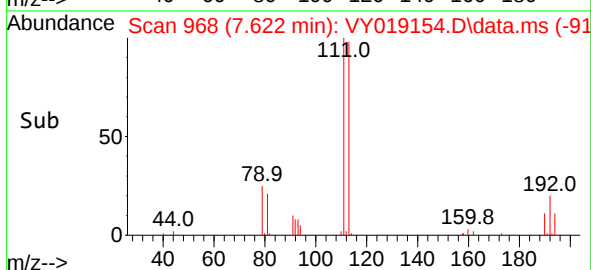
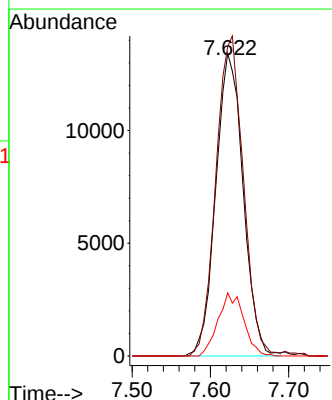
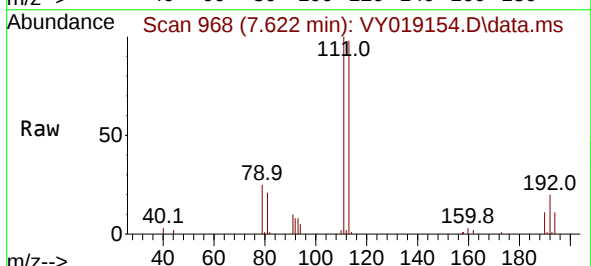
Tgt Ion:113 Resp: 32547

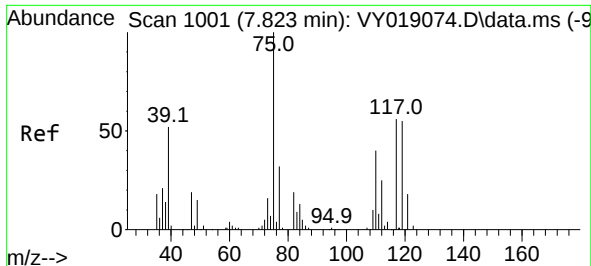
Ion Ratio Lower Upper

113 100

111 106.0 82.2 123.4

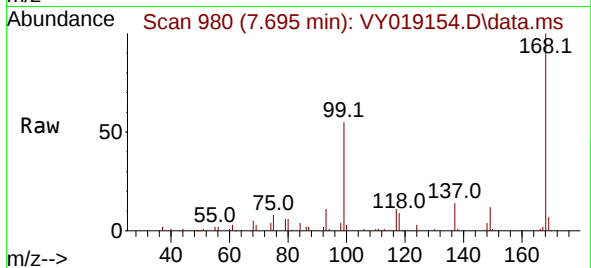
192 19.6 15.9 23.9



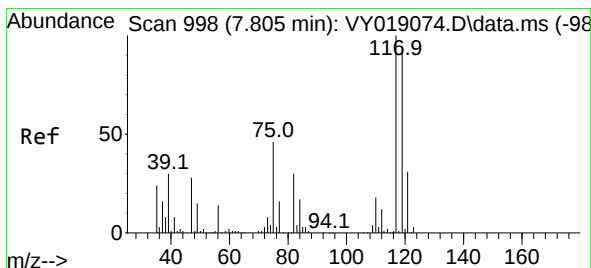
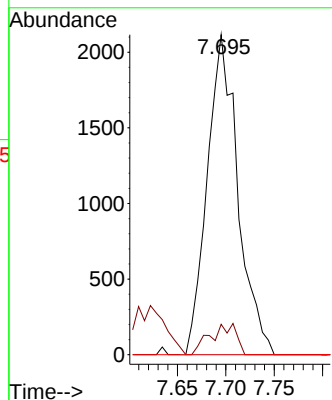
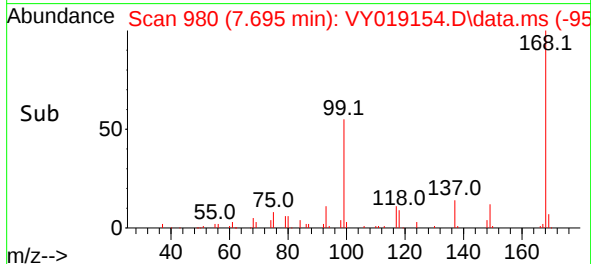


#36
 1,1-Dichloropropene
 Concen: 5.165 ug/l
 RT: 7.695 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY019154.D
 Acq: 20 Aug 2024 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :

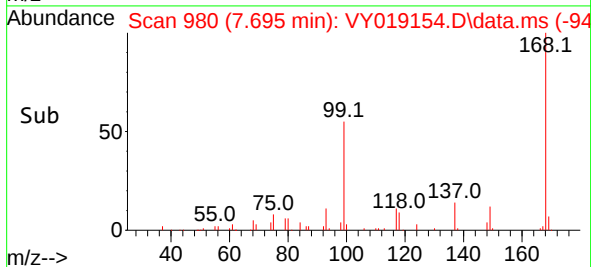
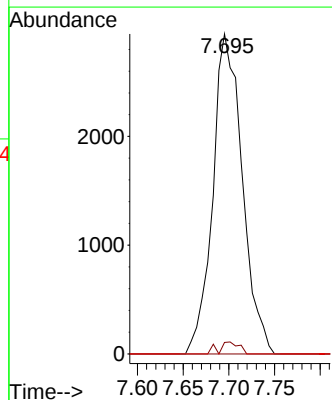
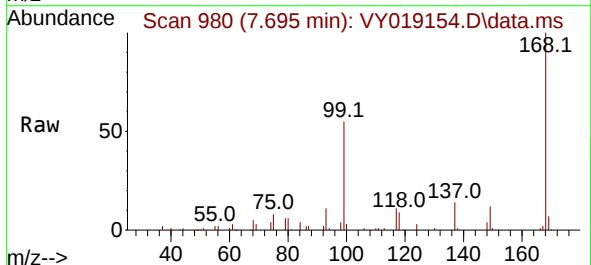


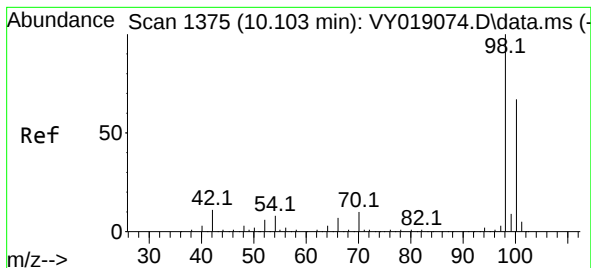
Tgt Ion: 75 Resp: 4666
 Ion Ratio Lower Upper
 75 100
 110 8.3 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.309 ug/l
 RT: 7.695 min Scan# 980
 Delta R.T. -0.109 min
 Lab File: VY019154.D
 Acq: 20 Aug 2024 16:29

Tgt Ion: 117 Resp: 6605
 Ion Ratio Lower Upper
 117 100
 119 3.6 75.8 113.6#
 121 0.0 24.0 36.0#

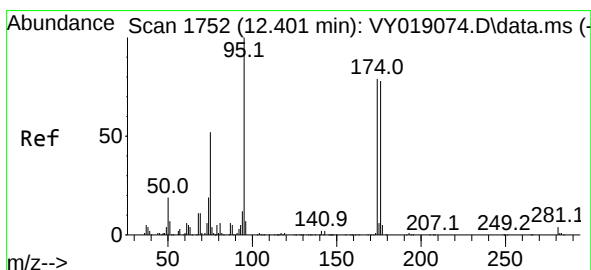
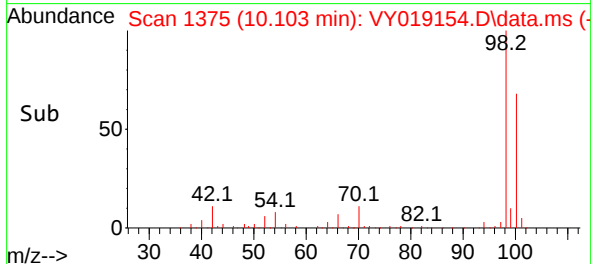
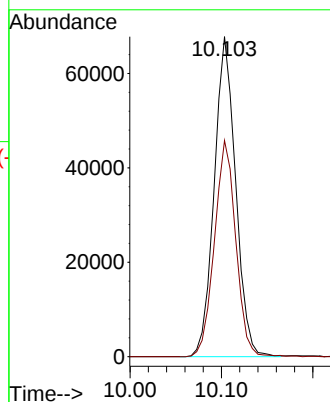
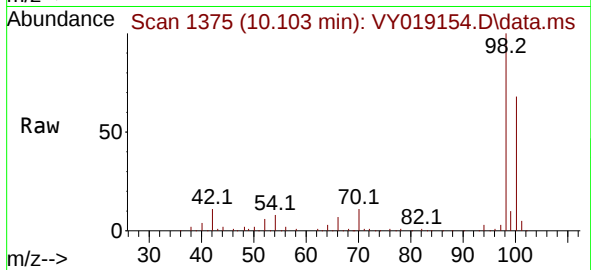




#50
Toluene-d8
Concen: 46.596 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

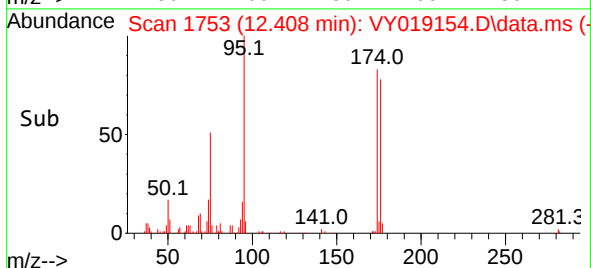
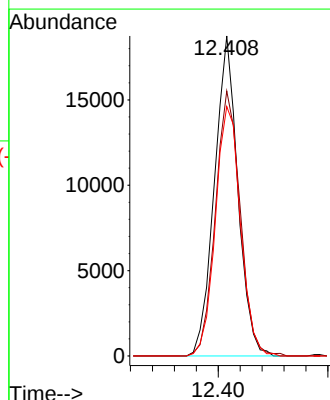
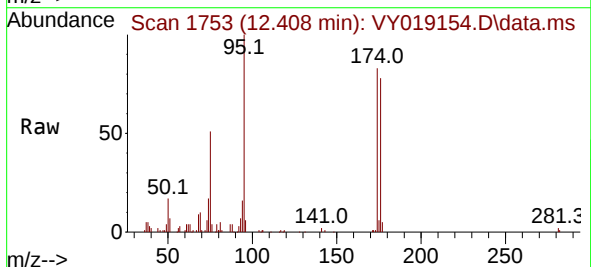
Instrument :
MSVOA_Y
ClientSampleId :

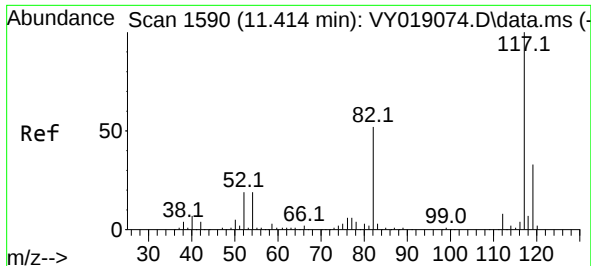
Tgt Ion: 98 Resp: 110320
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.417 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

Tgt Ion: 95 Resp: 27778
Ion Ratio Lower Upper
95 100
174 87.7 0.0 175.6
176 83.5 0.0 171.4

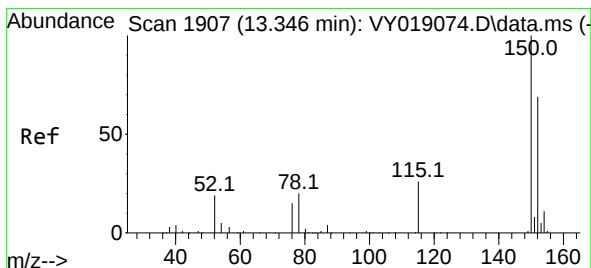
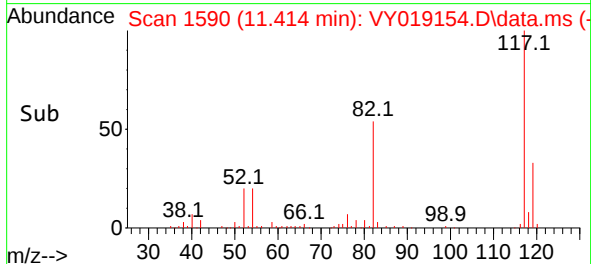
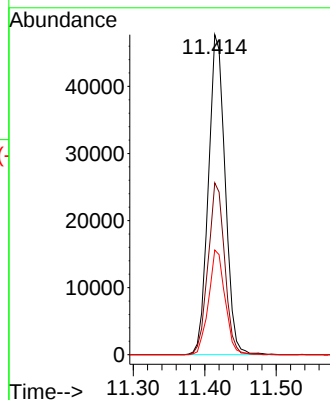
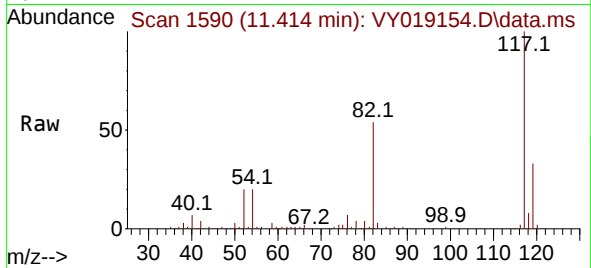




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

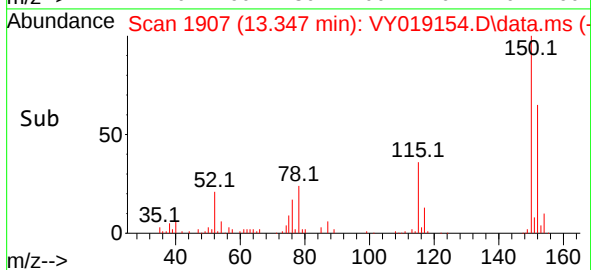
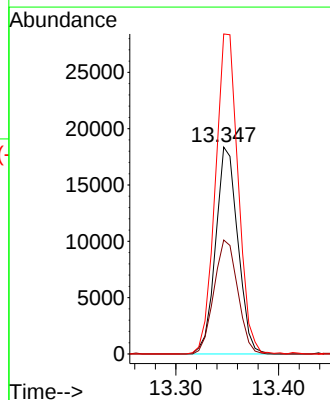
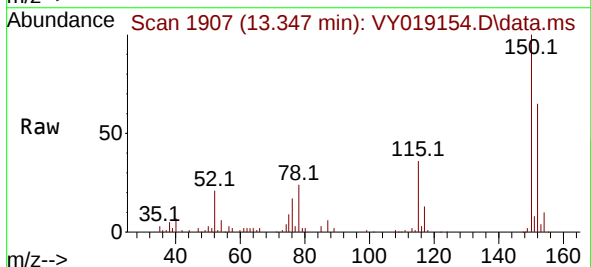
Instrument :
MSVOA_Y
ClientSampleId :

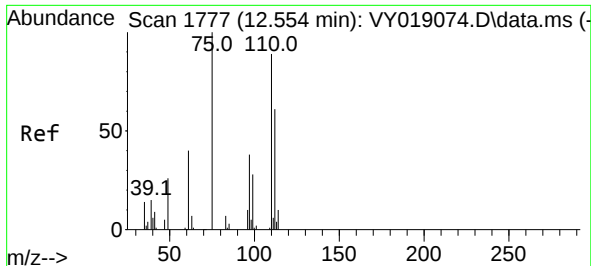
Tgt Ion:117 Resp: 77624
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

Tgt Ion:152 Resp: 27557
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 158.6 0.0 345.6

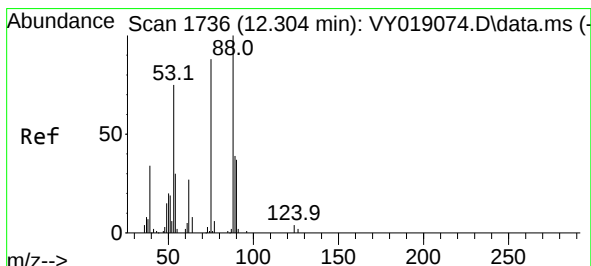
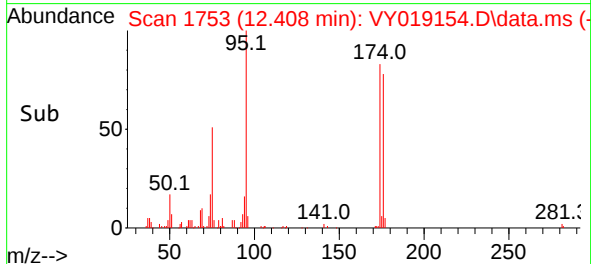
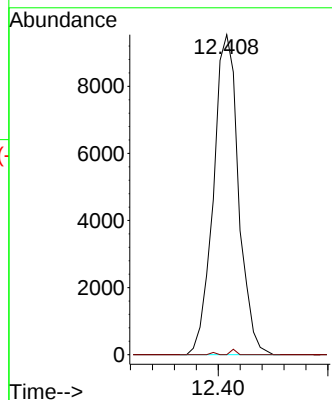
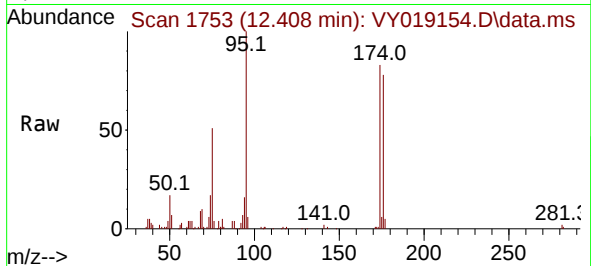




#76
1,2,3-Trichloropropane
Concen: 55.850 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 15178
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.932 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019154.D
Acq: 20 Aug 2024 16:29

Tgt Ion: 75 Resp: 15178
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

