

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019152.D
 Acq On : 20 Aug 2024 15:40
 Operator : SY/MD
 Sample : P3643-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:30:44 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)

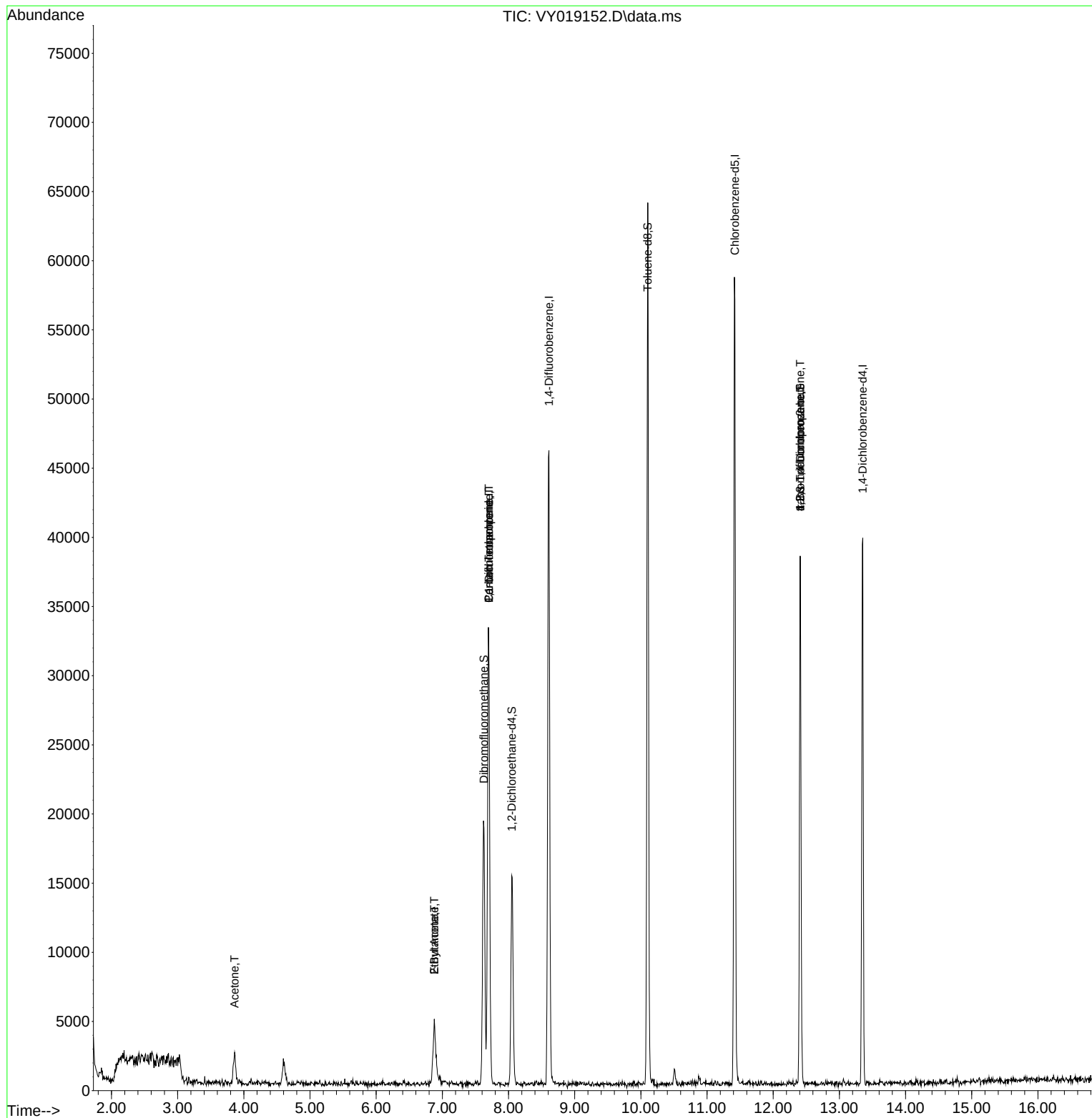
Internal Standards						
1) Pentafluorobenzene	7.701	168	26348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	41485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	32725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	10154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	11795	44.658	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.320%		
35) Dibromofluoromethane	7.628	113	13973	51.513	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.020%		
50) Toluene-d8	10.103	98	40766	41.762	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	83.520%		
62) 4-Bromofluorobenzene	12.408	95	11324	34.030	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	68.060%		
Target Compounds						Qvalue
5) Bromomethane	2.605	94	268	Below Cal		93
6) Chloroethane	2.861	64	20	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	98	Below Cal	#	88
16) Acetone	3.860	43	3910	79.826	ug/l #	81
20) Methylene Chloride	4.604	84	906	Below Cal	#	84
25) 2-Butanone	6.878	43	1315	16.670	ug/l #	79
31) Cyclohexane	7.695	56	569	Below Cal	#	56
36) 1,1-Dichloropropene	7.701	75	2062	5.536	ug/l #	43
37) Ethyl Acetate	6.878	43	1315	7.968	ug/l #	69
38) Carbon Tetrachloride	7.701	117	2779	6.438	ug/l #	13
76) 1,2,3-Trichloropropane	12.408	75	6578	65.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	6578	162.233	ug/l #	16

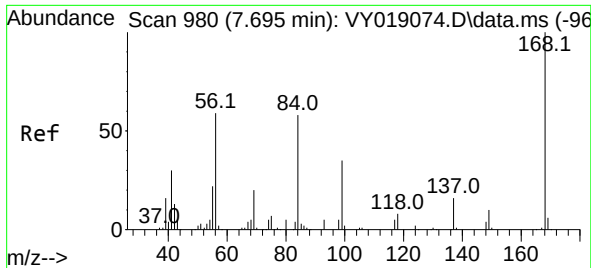
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
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QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

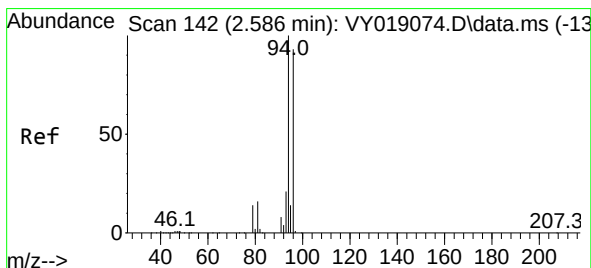
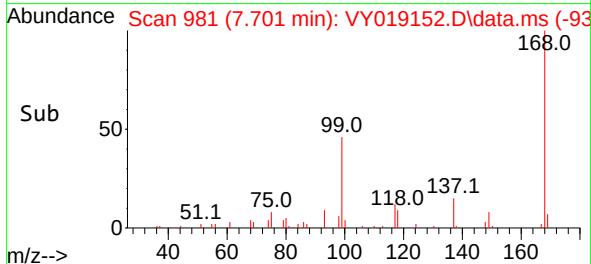
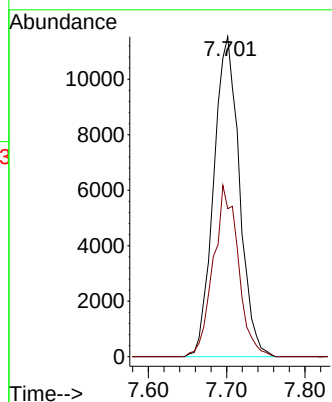
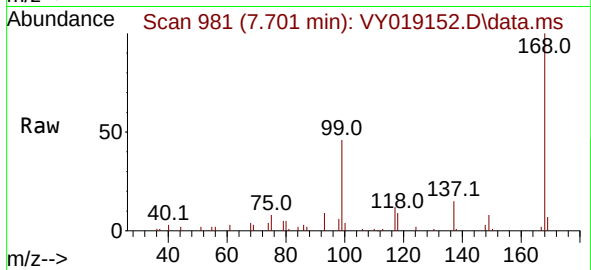




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

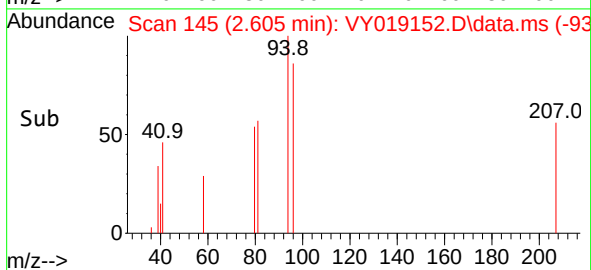
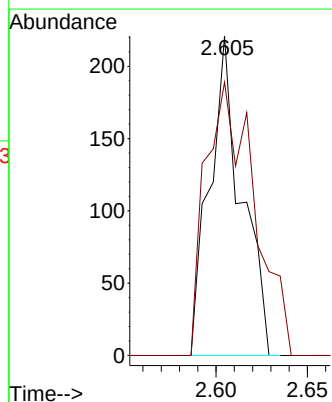
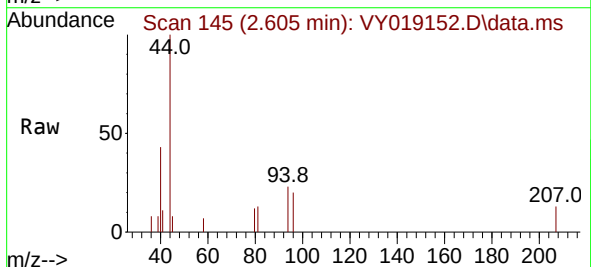
Instrument :
MSVOA_Y
ClientSampleId :

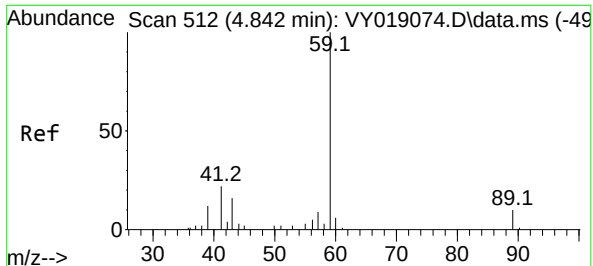
Tgt Ion:168 Resp: 26348
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

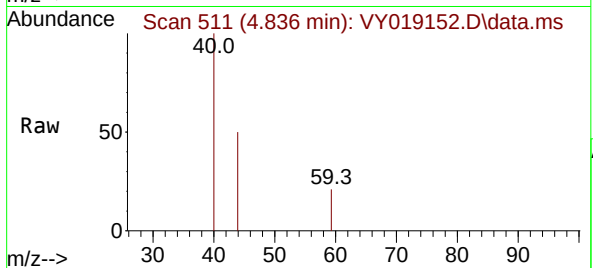
Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 85.5 74.1 111.1



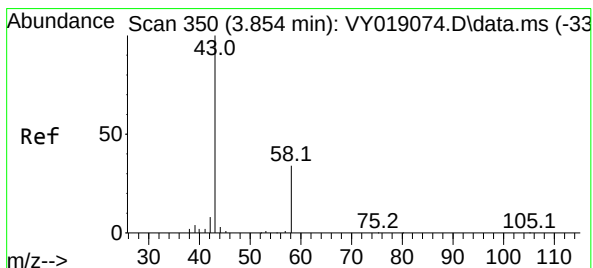
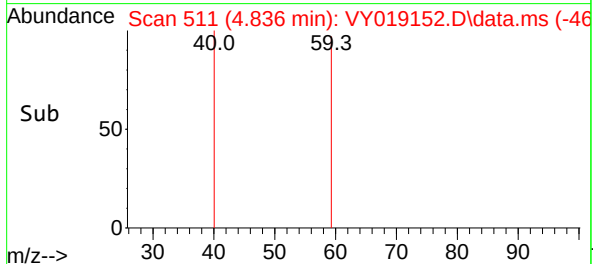
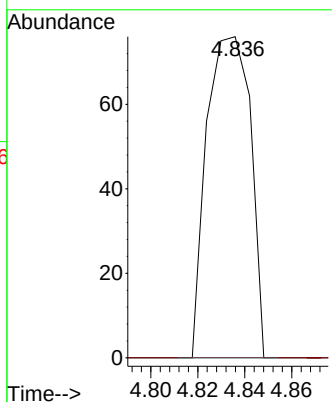


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :

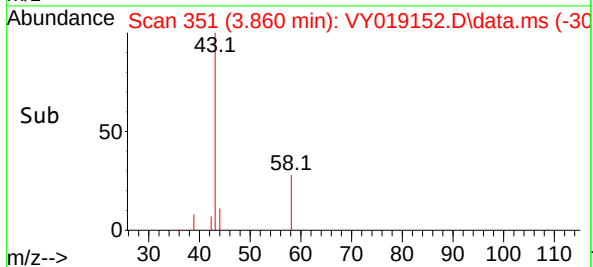
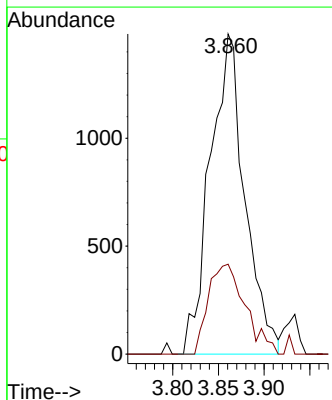
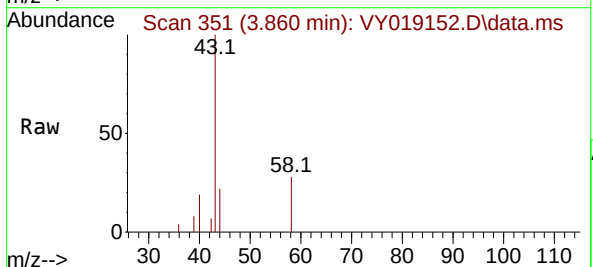


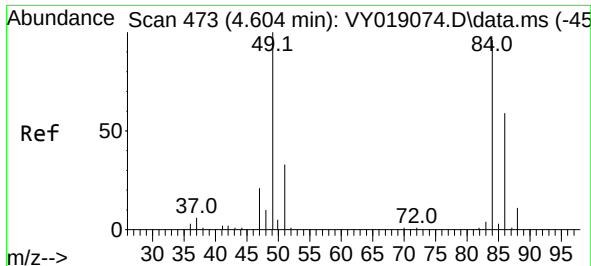
Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 79.826 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

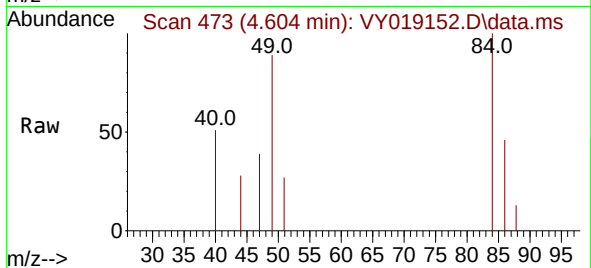
Tgt Ion: 43 Resp: 3910
Ion Ratio Lower Upper
43 100
58 28.1 31.7 47.5#



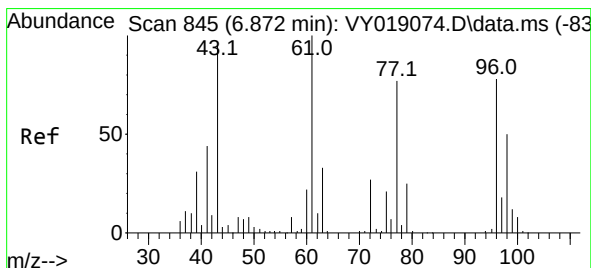
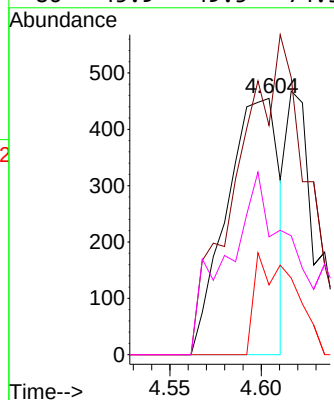


#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :

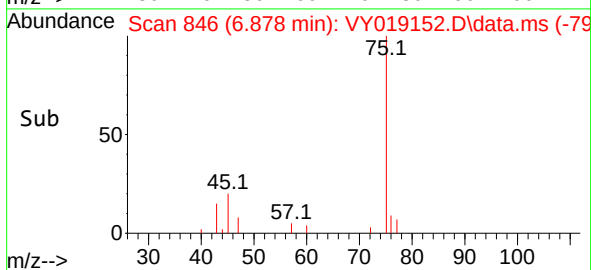
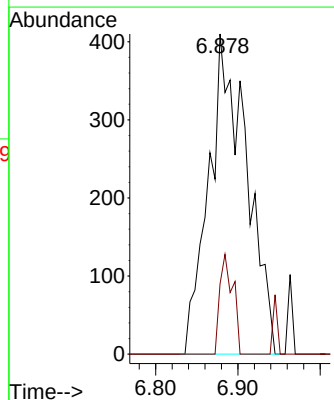
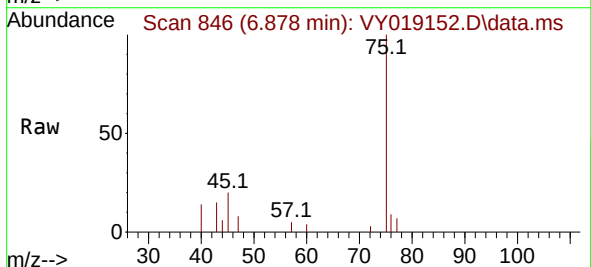


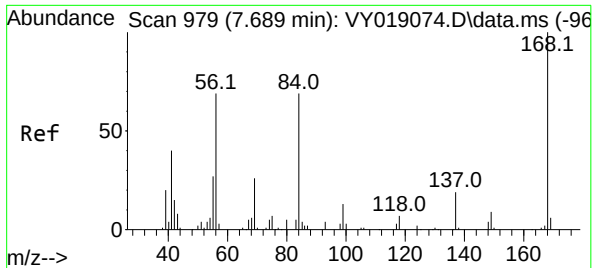
Tgt Ion: 84	Resp: 906
Ion Ratio	Lower Upper
84 100	
49 89.5	84.4 126.6
51 27.3	26.0 39.0
86 45.9	49.5 74.3#



#25
2-Butanone
Concen: 16.670 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Tgt Ion: 43	Resp: 1315		
Ion Ratio	Lower	Upper	
43 100			
72 22.0	27.3	40.9#	

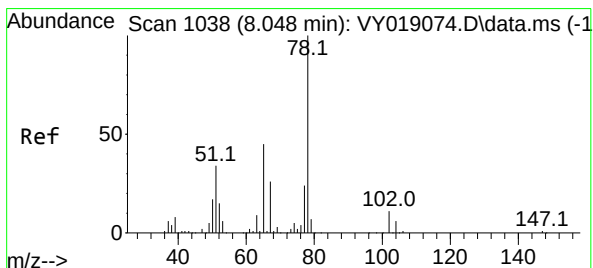
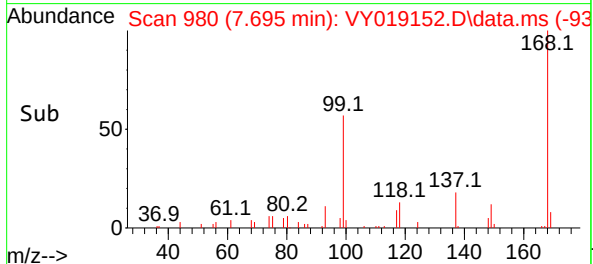
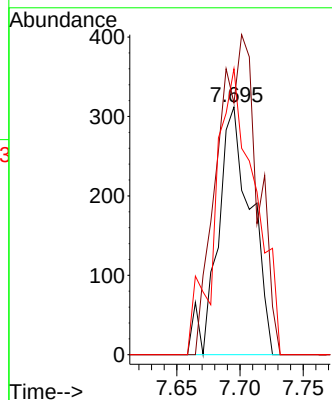
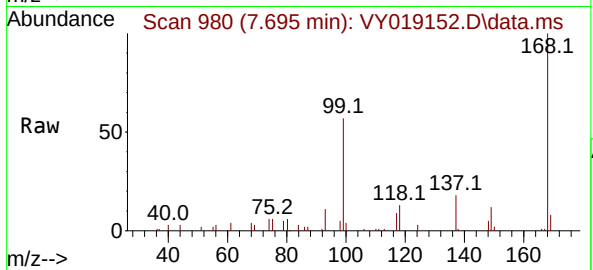




#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

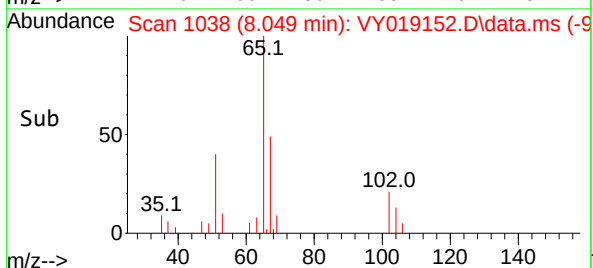
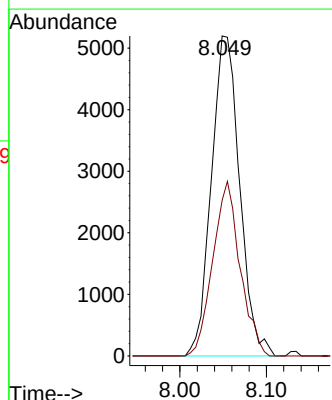
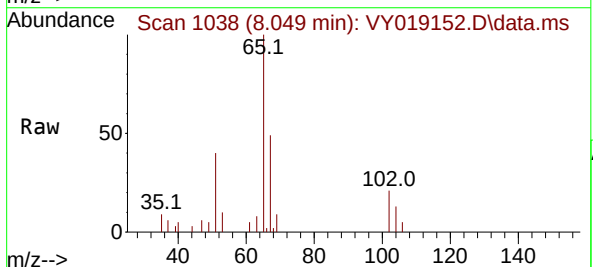
Instrument :
MSVOA_Y
ClientSampleId :

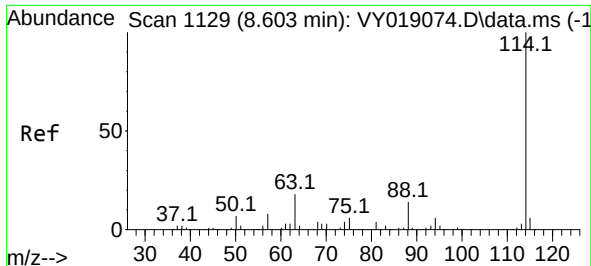
Tgt Ion: 56 Resp: 569
Ion Ratio Lower Upper
56 100
69 101.6 28.7 43.1#
84 115.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 44.658 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Tgt Ion: 65 Resp: 11795
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019152.D

Acq: 20 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

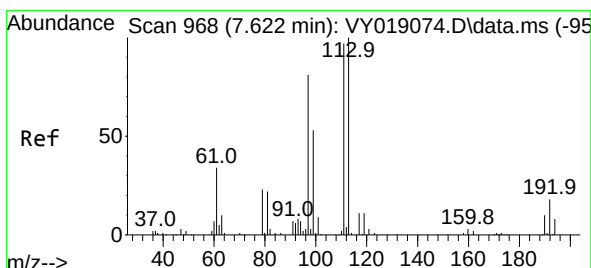
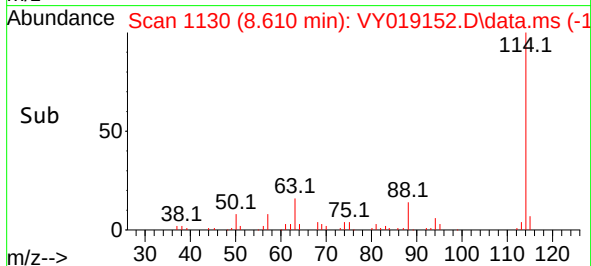
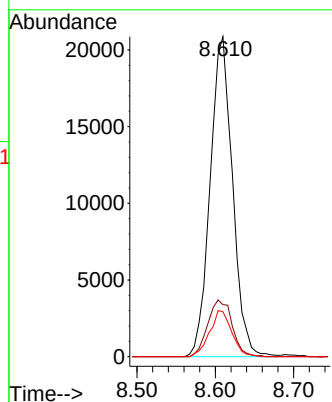
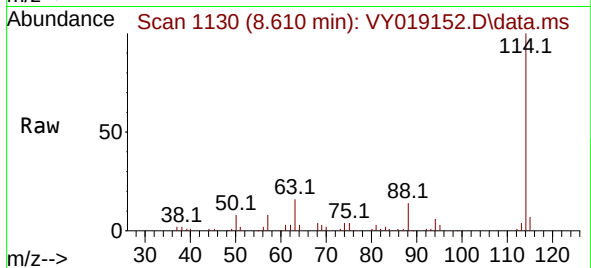
Tgt Ion:114 Resp: 41485

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.513 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019152.D

Acq: 20 Aug 2024 15:40

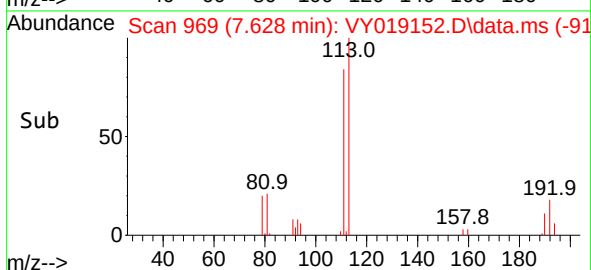
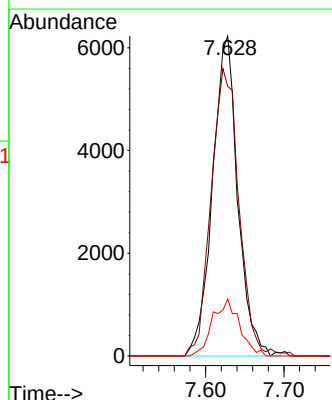
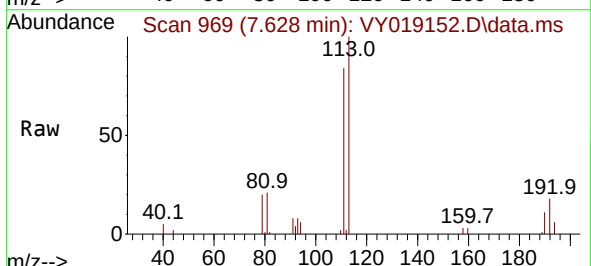
Tgt Ion:113 Resp: 13973

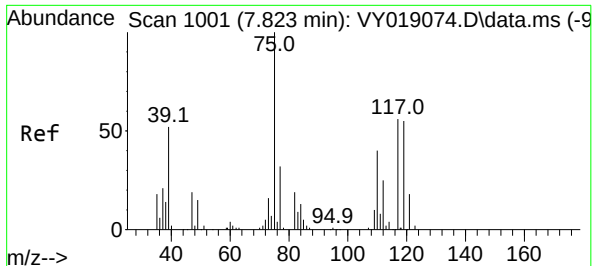
Ion Ratio Lower Upper

113 100

111 99.1 82.2 123.4

192 18.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.536 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY019152.D

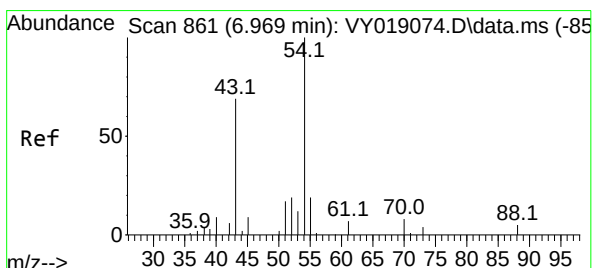
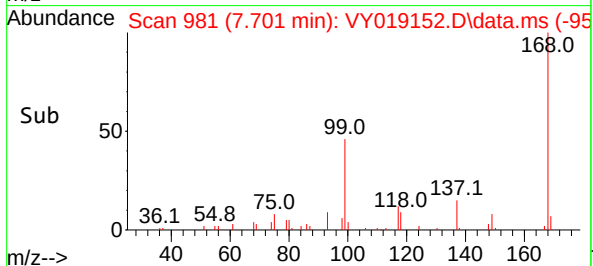
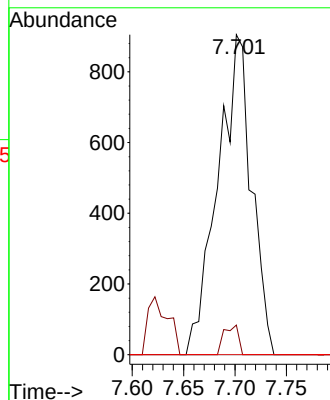
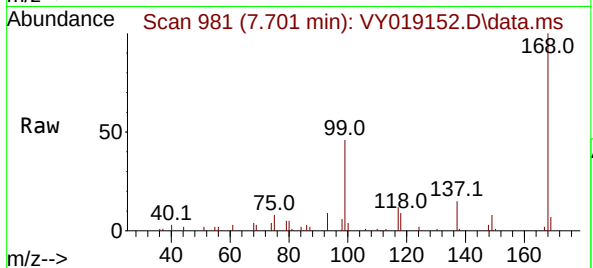
Acq: 20 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 2062
Ion Ratio	Lower Upper
75 100	
110 4.0	19.0 57.0#
77 0.0	25.3 37.9#



#37

Ethyl Acetate

Concen: 7.968 ug/l

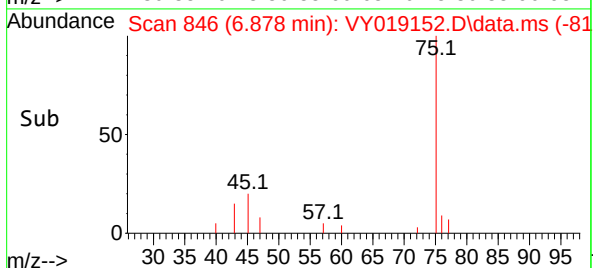
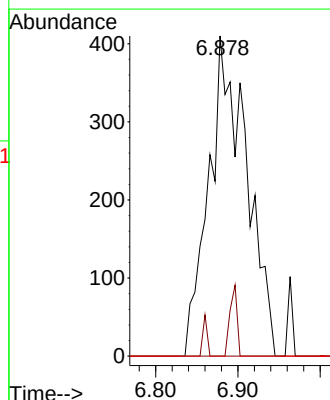
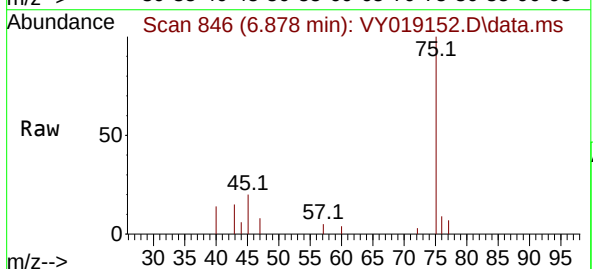
RT: 6.878 min Scan# 846

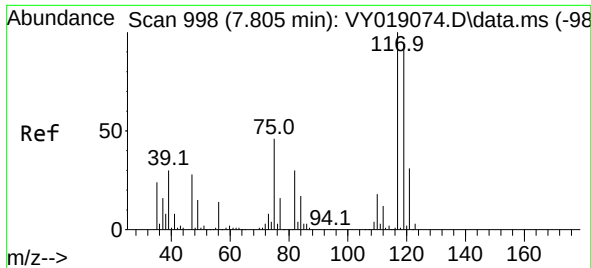
Delta R.T. -0.091 min

Lab File: VY019152.D

Acq: 20 Aug 2024 15:40

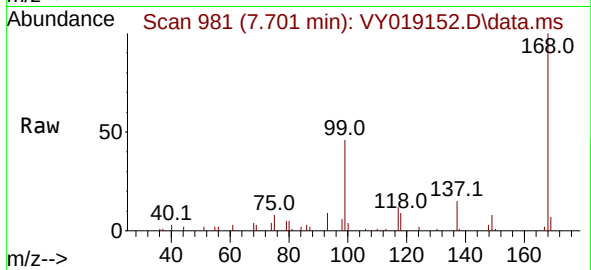
Tgt Ion: 43	Resp: 1315
Ion Ratio	Lower Upper
43 100	
61 1.4	12.6 19.0#
70 0.0	7.8 11.8#



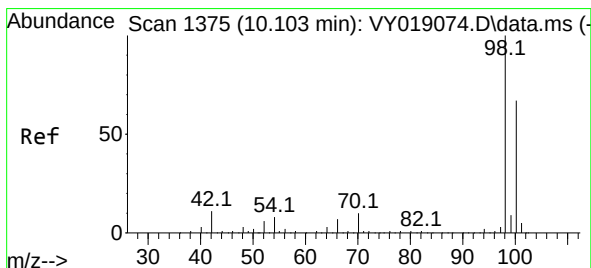
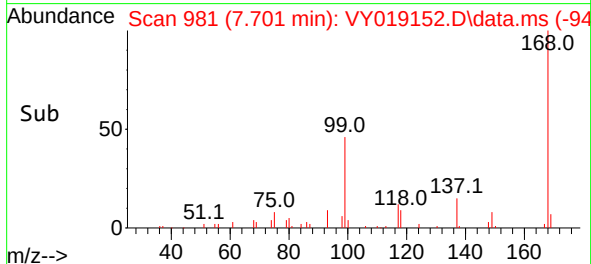
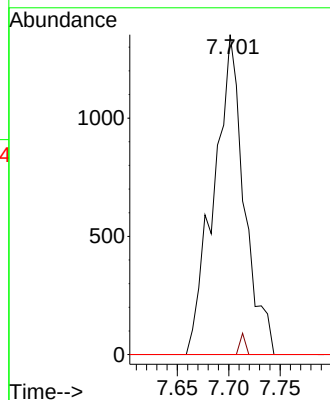


#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :

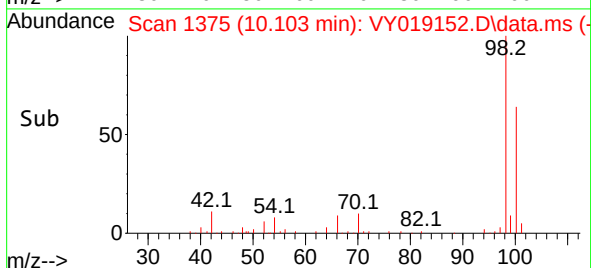
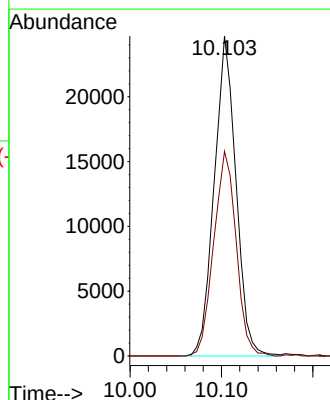
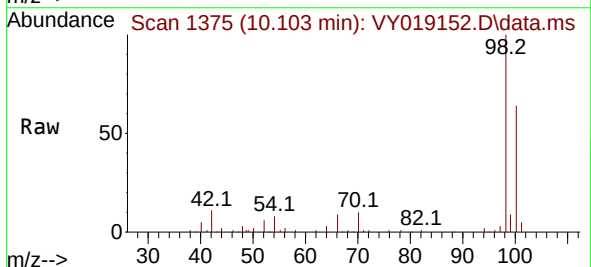


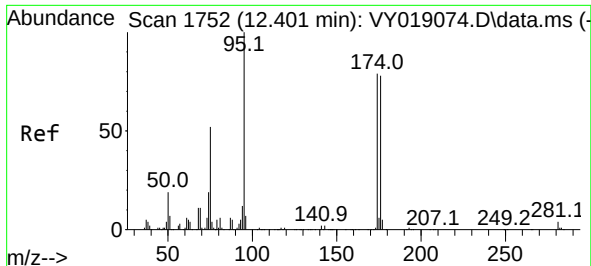
Tgt Ion:117 Resp: 2779
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 41.762 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Tgt Ion: 98 Resp: 40766
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

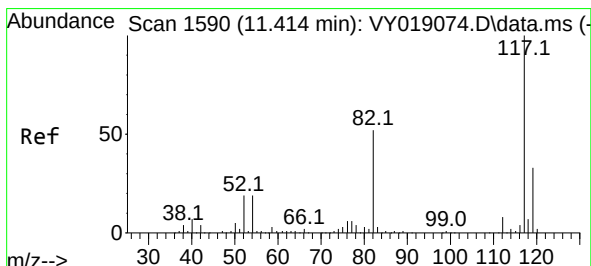
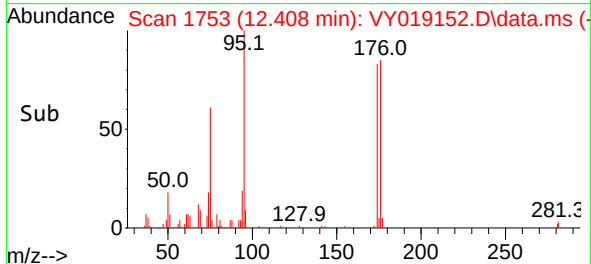
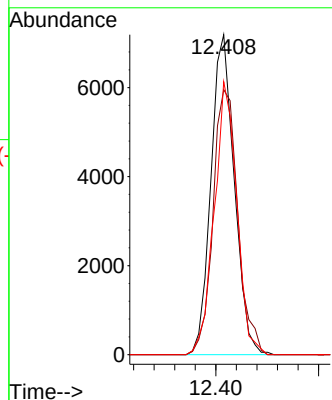
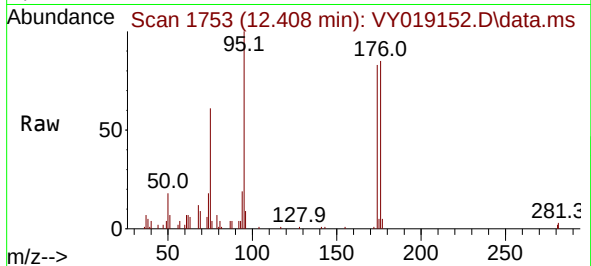




#62
4-Bromofluorobenzene
Concen: 34.030 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

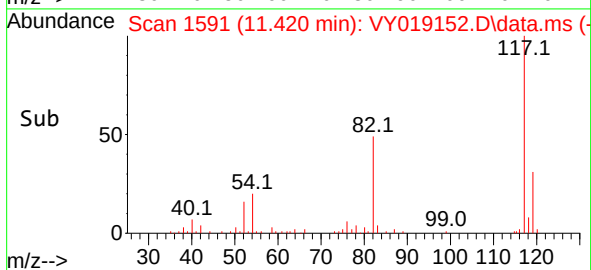
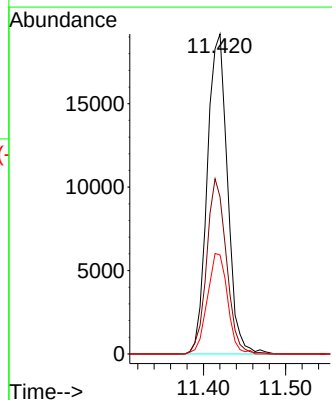
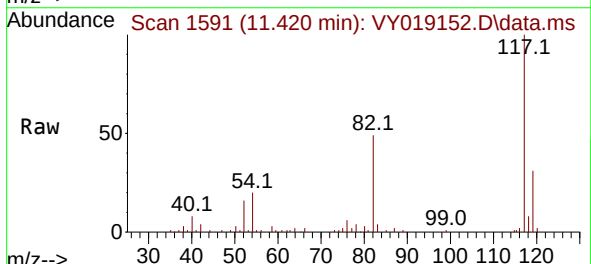
Instrument :
MSVOA_Y
ClientSampleId :

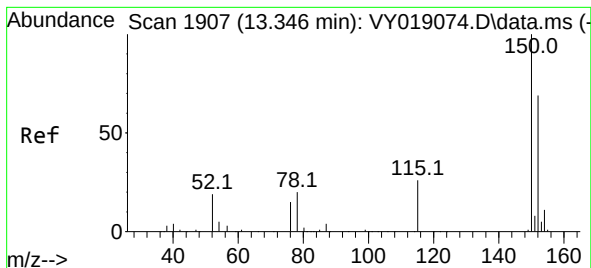
Tgt Ion: 95 Resp: 11324
Ion Ratio Lower Upper
95 100
174 87.9 0.0 175.6
176 82.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019152.D
Acq: 20 Aug 2024 15:40

Tgt Ion: 117 Resp: 32725
Ion Ratio Lower Upper
117 100
82 49.0 42.4 63.6
119 31.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

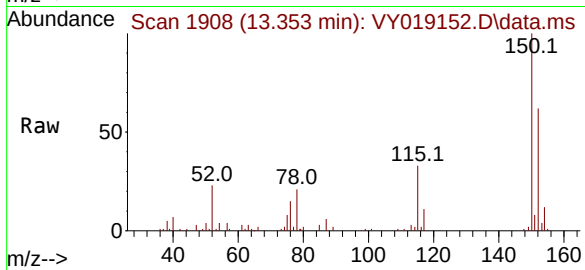
Lab File: VY019152.D

Acq: 20 Aug 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :



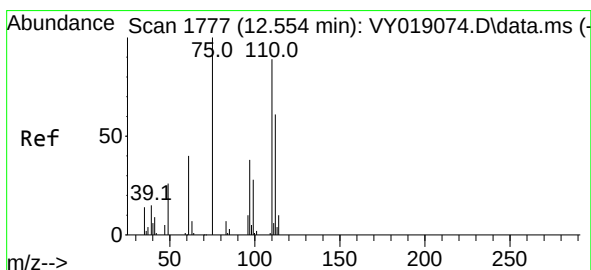
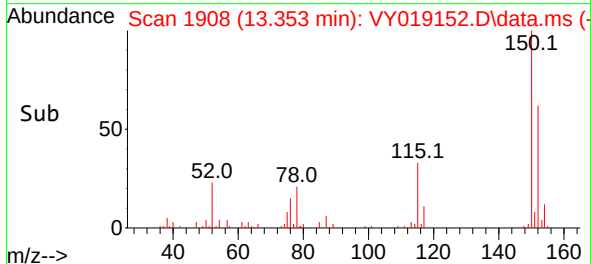
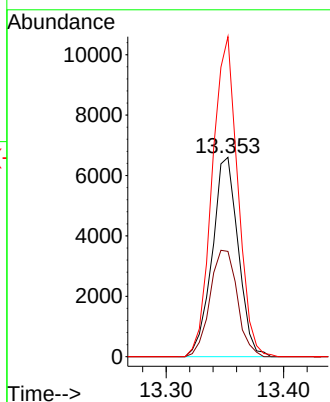
Tgt Ion:152 Resp: 10154

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 157.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.690 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019152.D

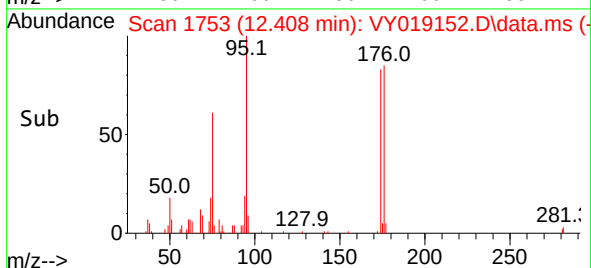
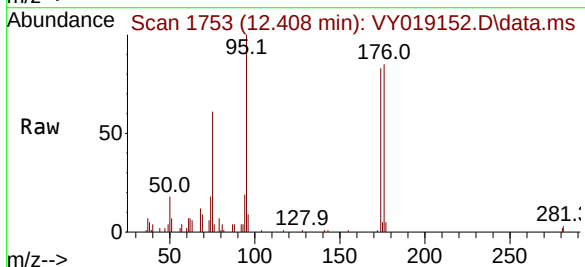
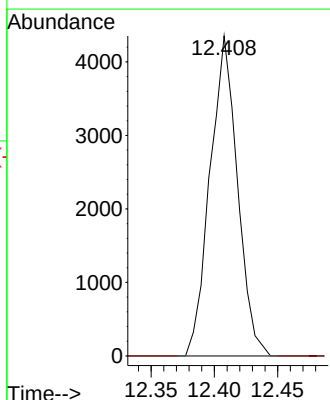
Acq: 20 Aug 2024 15:40

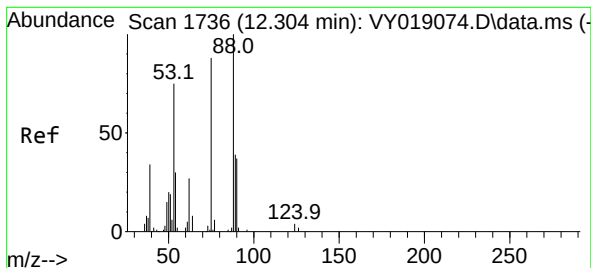
Tgt Ion: 75 Resp: 6578

Ion Ratio Lower Upper

75 100

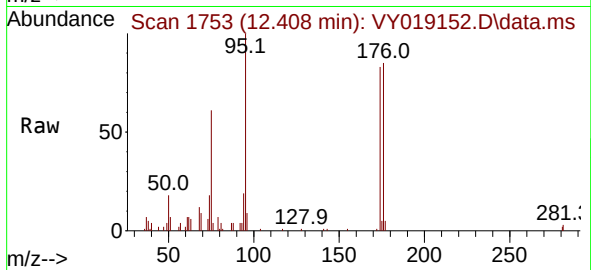
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.233 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019152.D
 Acq: 20 Aug 2024 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 6578
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

