

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019096.D
 Acq On : 16 Aug 2024 16:16
 Operator : SY/MD
 Sample : P3580-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 17 00:06:40 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)

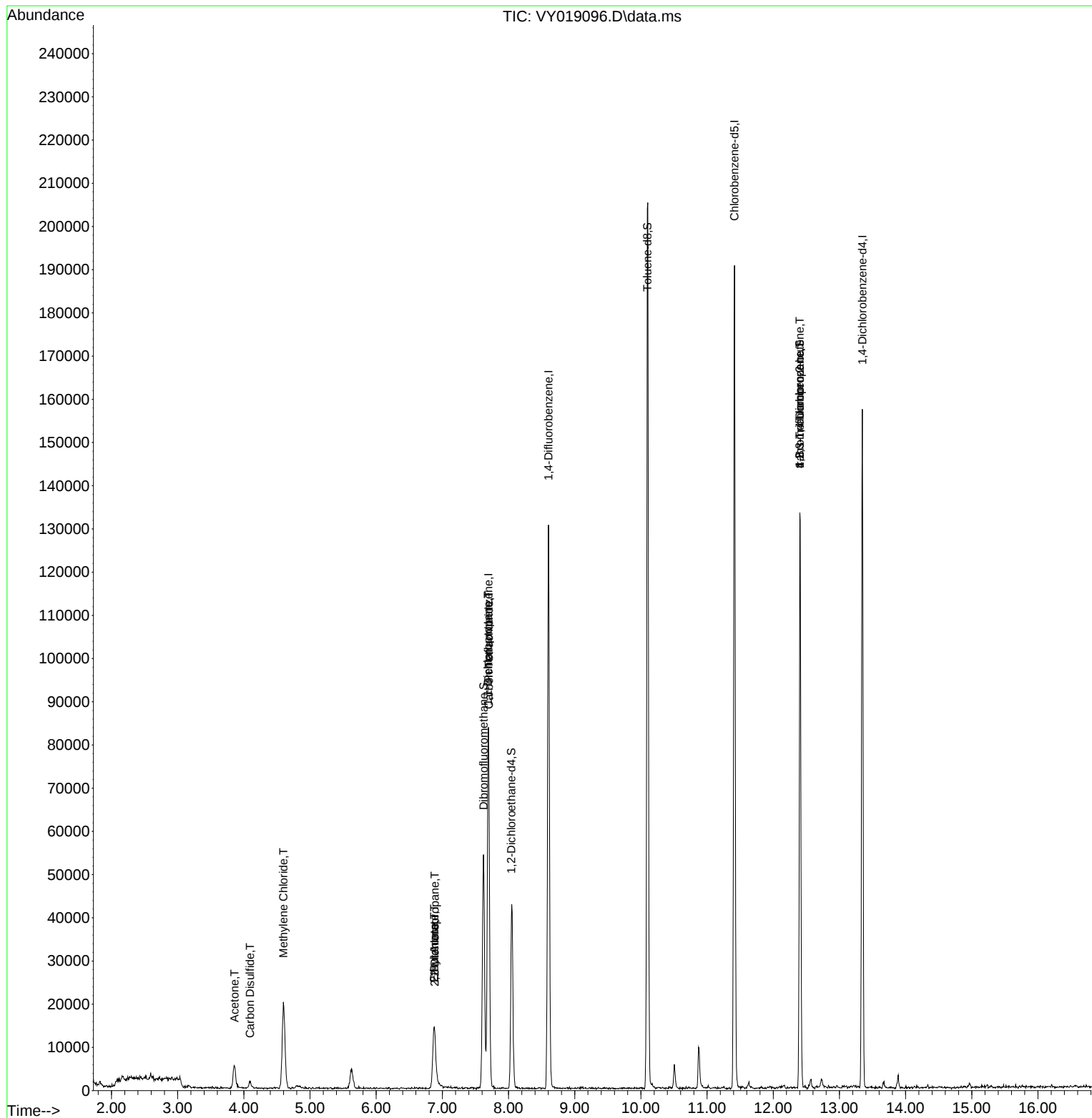
Internal Standards						
1) Pentafluorobenzene	7.695	168	64506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	112156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	99049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.043	65	32800	50.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.460%	
35) Dibromofluoromethane	7.622	113	36913	50.335	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.680%	
50) Toluene-d8	10.097	98	134557	50.987	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.401	95	39319	43.705	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.400%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	254	Below Cal		86
6) Chloroethane	2.653	64	36	Below Cal	#	42
11) Tert butyl alcohol	4.824	59	64	Below Cal	#	88
16) Acetone	3.860	43	9512	79.321	ug/l #	85
17) Carbon Disulfide	4.092	76	2791	1.538	ug/l #	85
20) Methylene Chloride	4.598	84	14881	12.263	ug/l	87
25) 2-Butanone	6.878	43	3568	18.475	ug/l	95
26) 2,2-Dichloropropane	6.884	77	1057	1.090	ug/l #	51
31) Cyclohexane	7.689	56	1419	Below Cal	#	29
36) 1,1-Dichloropropene	7.689	75	5202	5.166	ug/l #	50
37) Ethyl Acetate	6.878	43	3568	7.997	ug/l #	69
38) Carbon Tetrachloride	7.701	117	6475	5.548	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	20974	54.662	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	20974	134.997	ug/l #	16

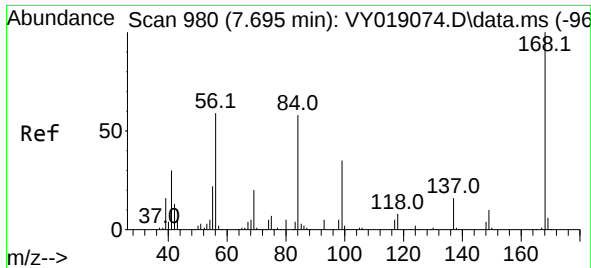
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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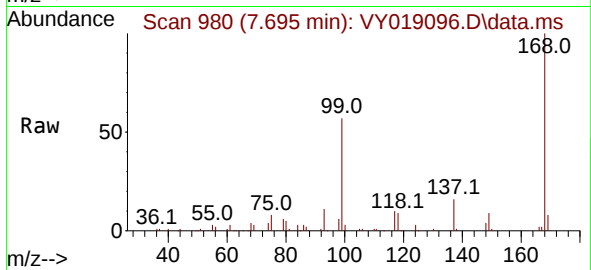
Quant Time: Aug 17 00:06:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration



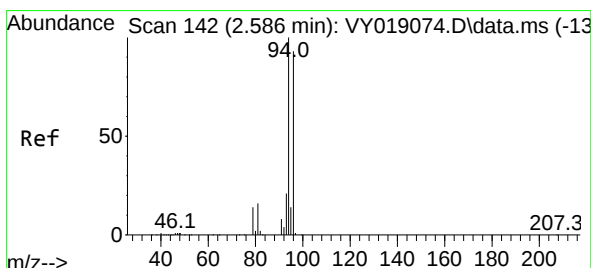
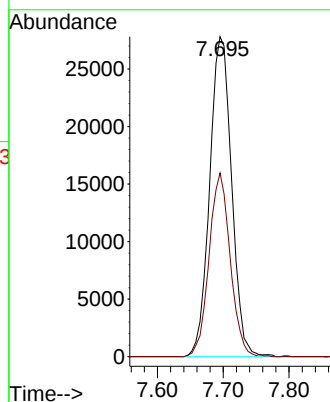
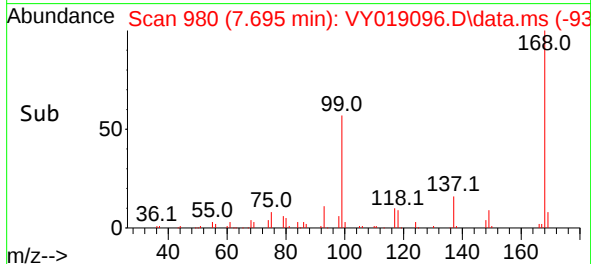


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Instrument :
MSVOA_Y
ClientSampleId :

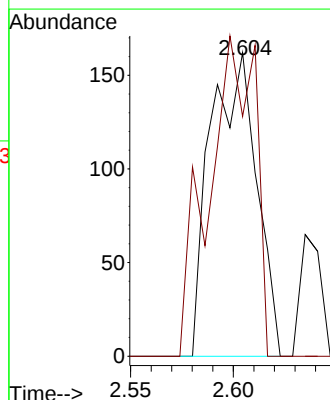
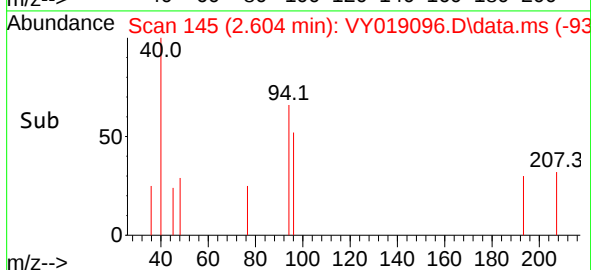
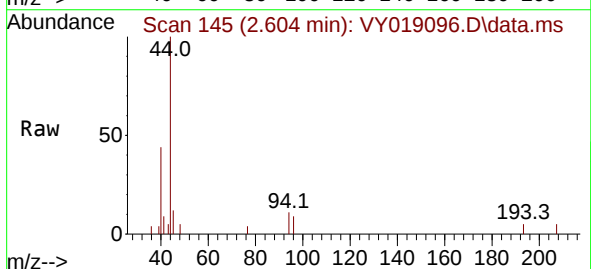


Tgt Ion:168 Resp: 64506
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion: 94 Resp: 254
Ion Ratio Lower Upper
94 100
96 79.0 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.824 min Scan# 509

Delta R.T. -0.018 min

Lab File: VY019096.D

Acq: 16 Aug 2024 16:16

Instrument :

MSVOA_Y

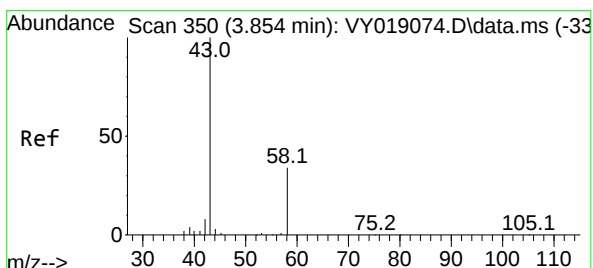
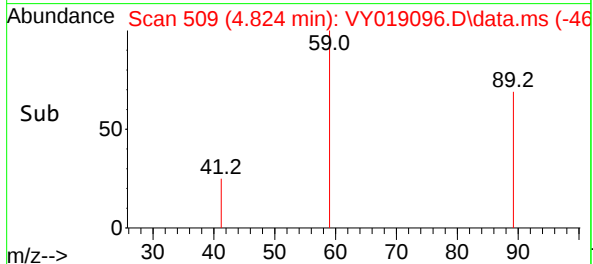
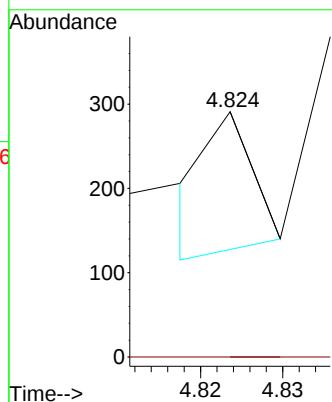
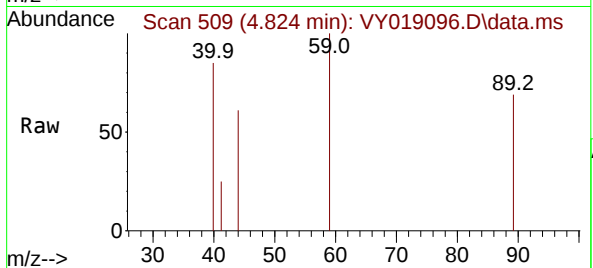
ClientSampleId :

Tgt Ion: 59 Resp: 64

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 79.321 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019096.D

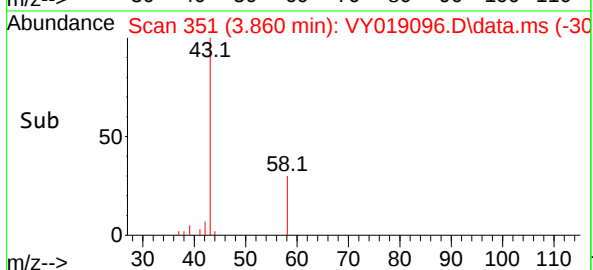
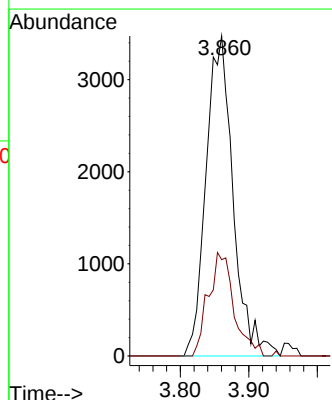
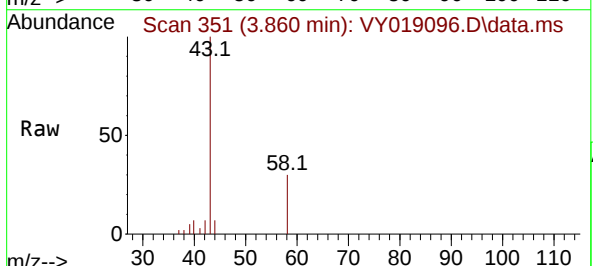
Acq: 16 Aug 2024 16:16

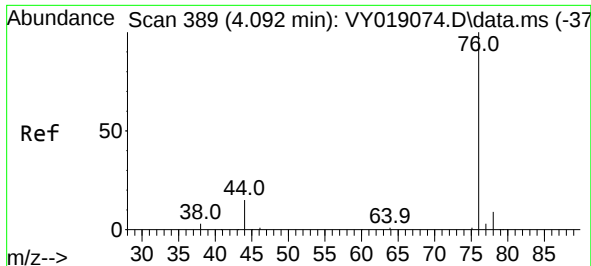
Tgt Ion: 43 Resp: 9512

Ion Ratio Lower Upper

43 100

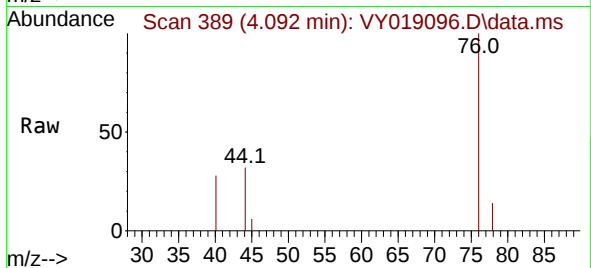
58 30.1 31.7 47.5#



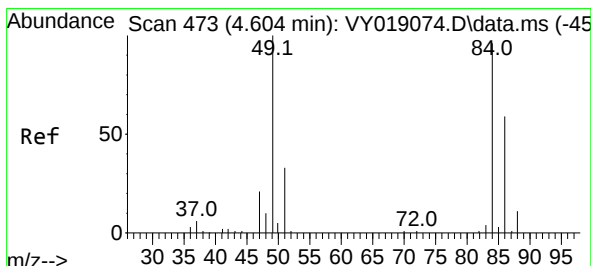
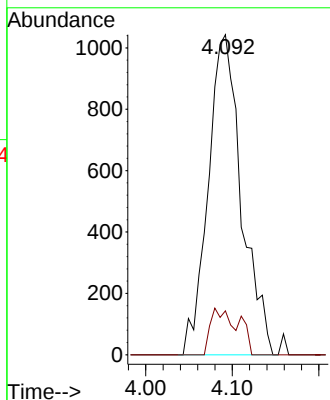
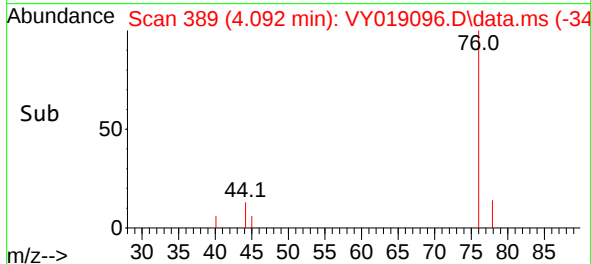


#17
Carbon Disulfide
Concen: 1.538 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Instrument :
MSVOA_Y
ClientSampleId :

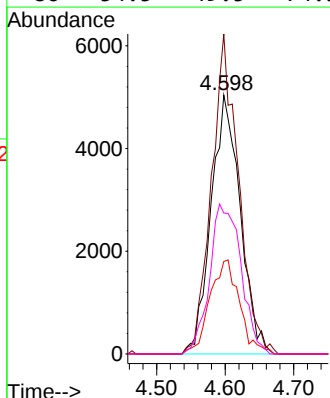
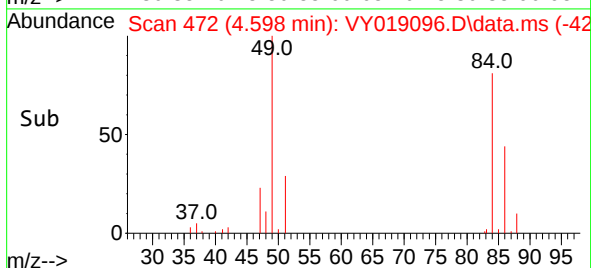
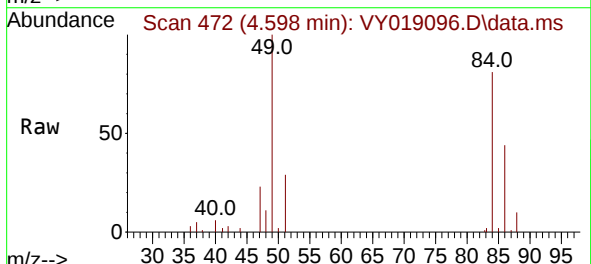


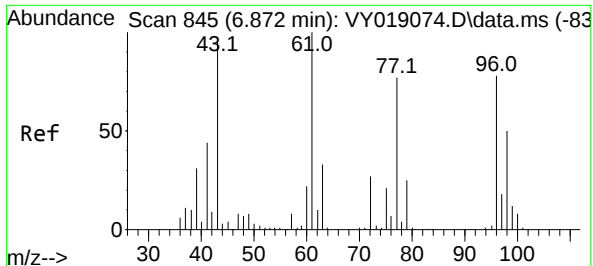
Tgt Ion: 76 Resp: 2791
Ion Ratio Lower Upper
76 100
78 13.7 6.8 10.2#



#20
Methylene Chloride
Concen: 12.263 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion: 84 Resp: 14881
Ion Ratio Lower Upper
84 100
49 123.6 84.4 126.6
51 35.7 26.0 39.0
86 54.5 49.5 74.3





#25

2-Butanone

Concen: 18.475 ug/l

RT: 6.878 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019096.D

Acq: 16 Aug 2024 16:16

Instrument :

MSVOA_Y

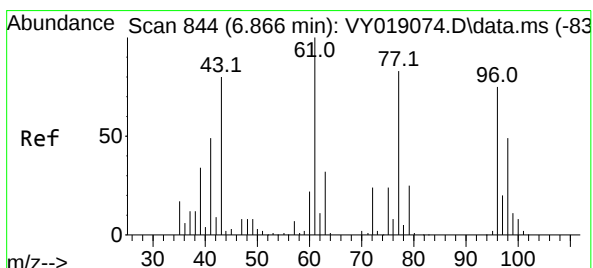
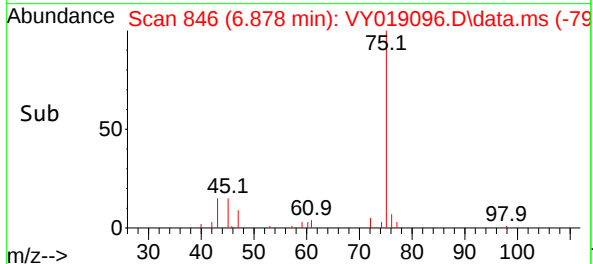
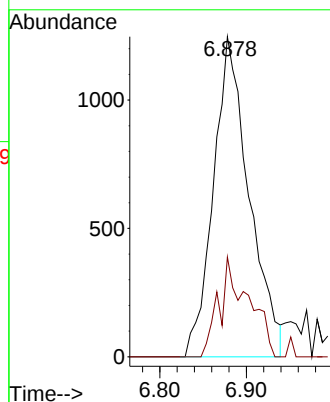
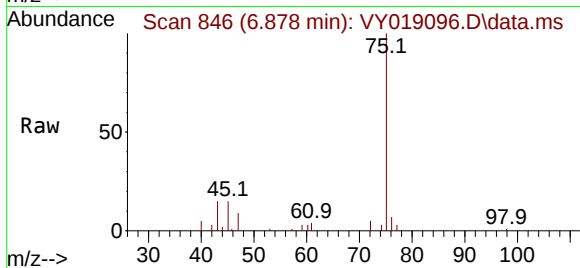
ClientSampleId :

Tgt Ion: 43 Resp: 3568

Ion Ratio Lower Upper

43 100

72 31.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 1.090 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.019 min

Lab File: VY019096.D

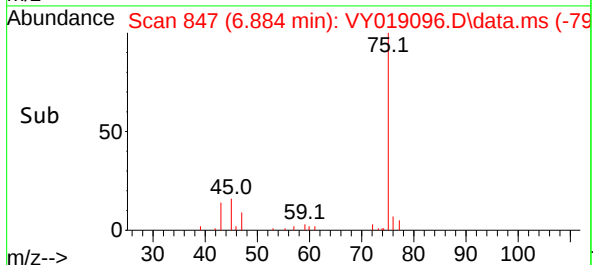
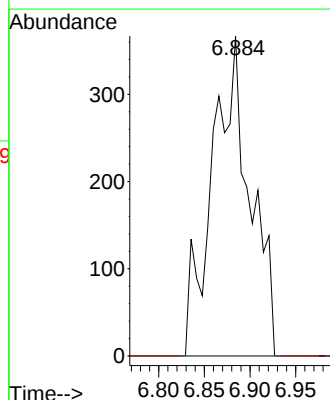
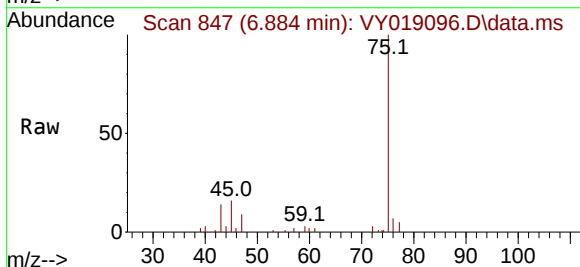
Acq: 16 Aug 2024 16:16

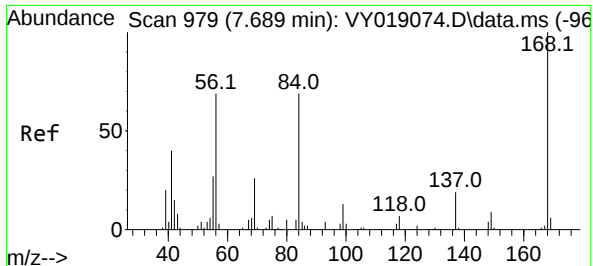
Tgt Ion: 77 Resp: 1057

Ion Ratio Lower Upper

77 100

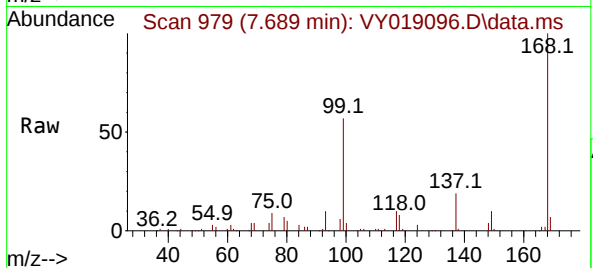
97 0.0 12.0 36.1#



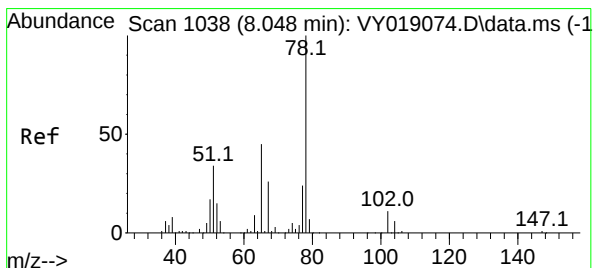
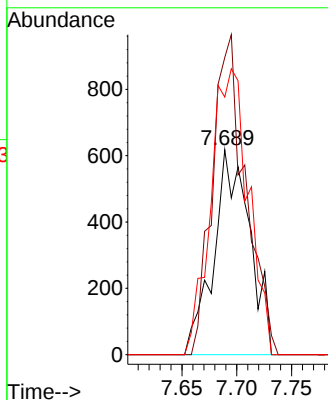
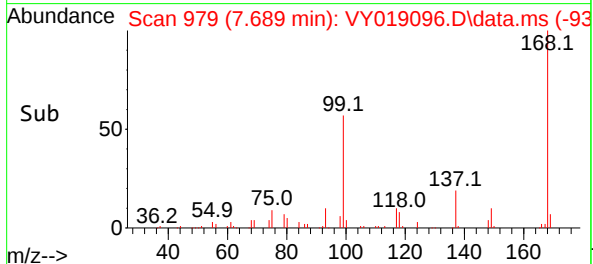


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Instrument :
MSVOA_Y
ClientSampleId :

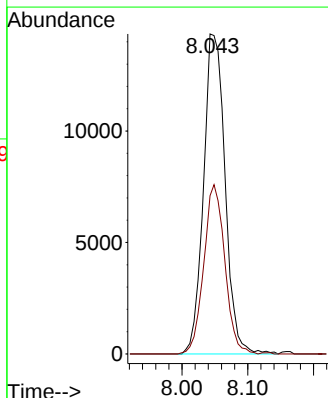
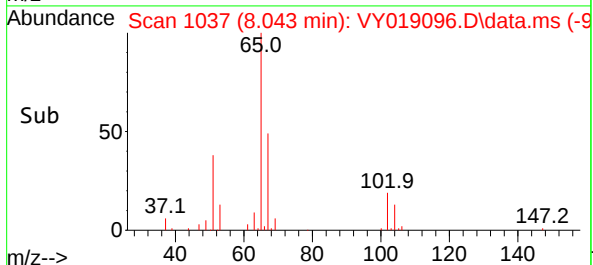
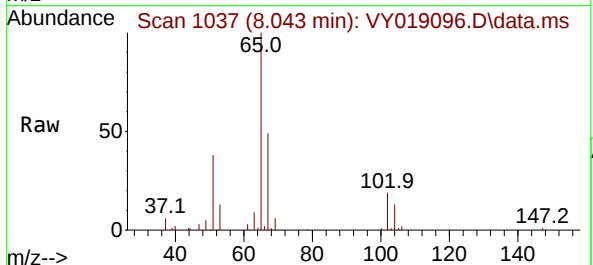


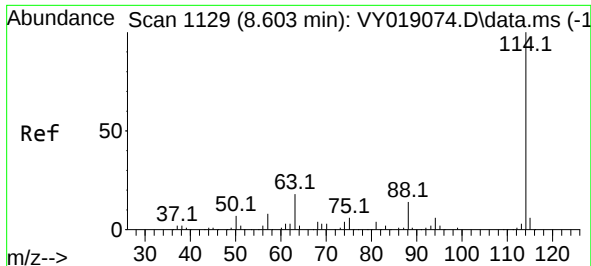
Tgt Ion: 56 Resp: 1419
Ion Ratio Lower Upper
56 100
69 145.0 28.7 43.1#
84 125.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.725 ug/l
RT: 8.043 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion: 65 Resp: 32800
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

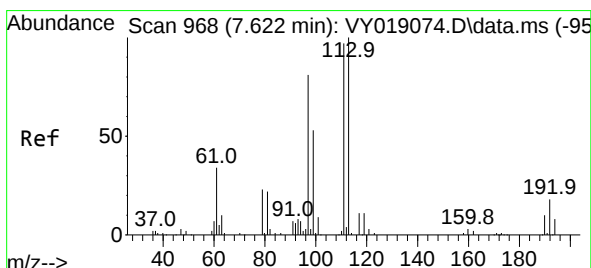
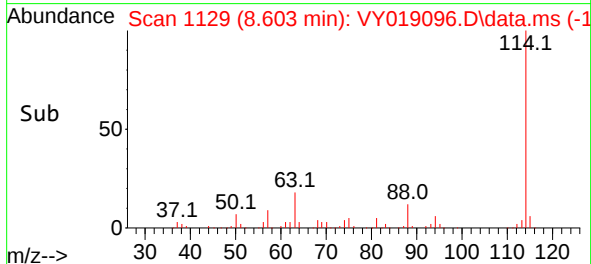
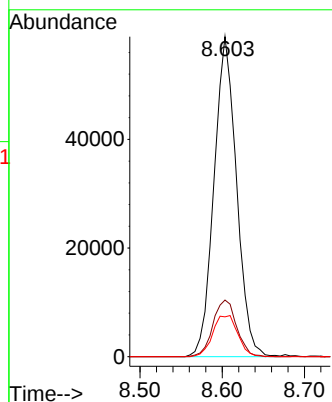
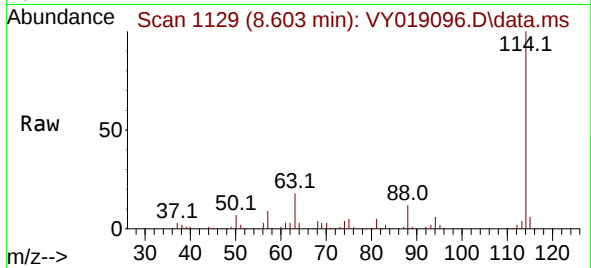




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

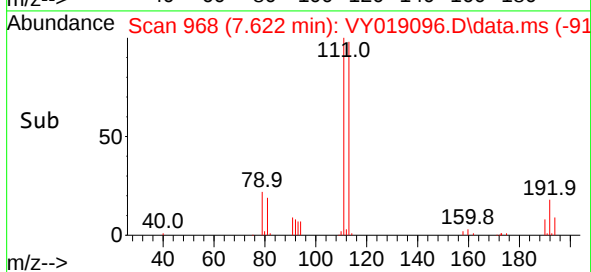
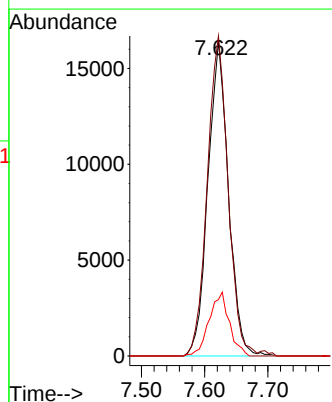
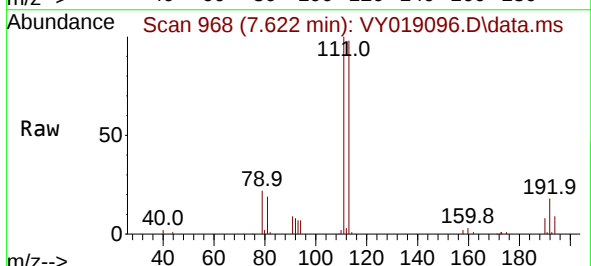
Instrument :
MSVOA_Y
ClientSampleId :

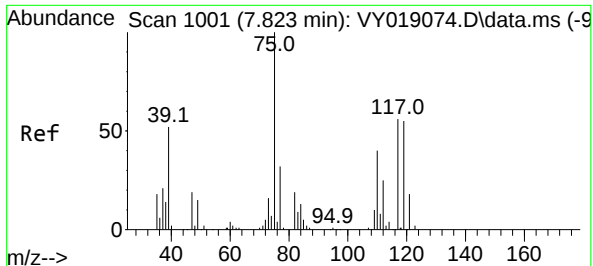
Tgt Ion:114 Resp: 112156
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 12.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.335 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion:113 Resp: 36913
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 20.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.166 ug/l

RT: 7.689 min Scan# 91

Delta R.T. -0.134 min

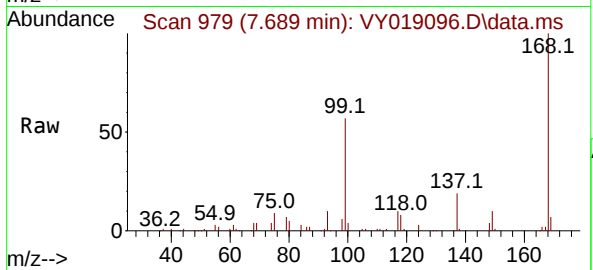
Lab File: VY019096.D

Acq: 16 Aug 2024 16:16

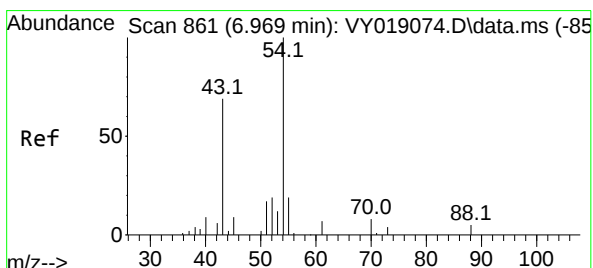
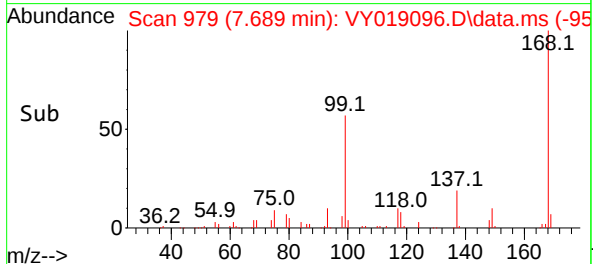
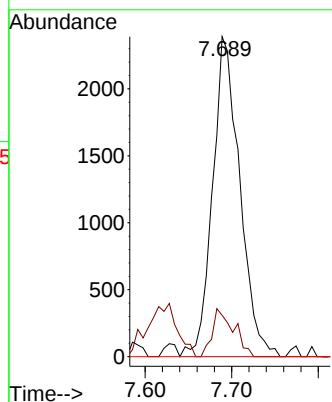
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 5202
Ion Ratio	Lower Upper
75 100	
110 11.9	19.0 57.0#
77 0.0	25.3 37.9#



#37

Ethyl Acetate

Concen: 7.997 ug/l

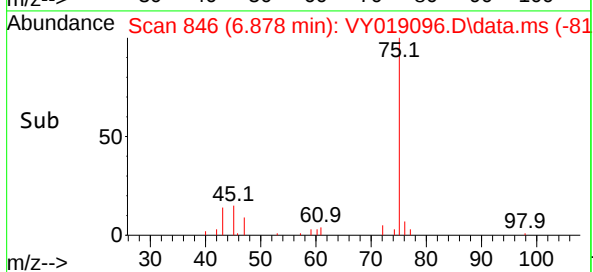
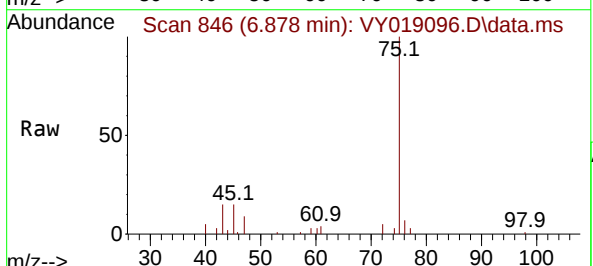
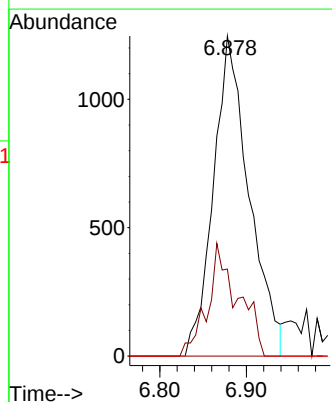
RT: 6.878 min Scan# 846

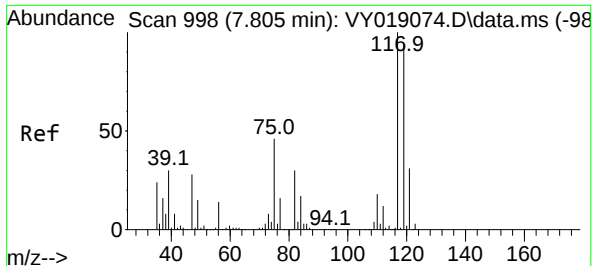
Delta R.T. -0.091 min

Lab File: VY019096.D

Acq: 16 Aug 2024 16:16

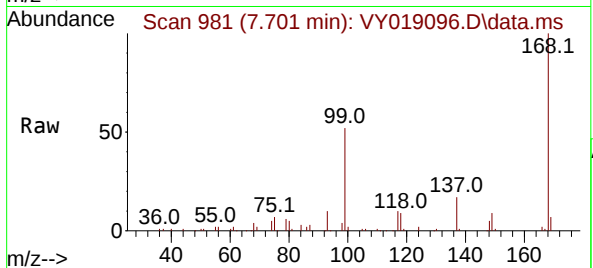
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Ion Ratio	Lower Upper
43 100	
61 30.2	12.6 19.0#
70 0.0	7.8 11.8#



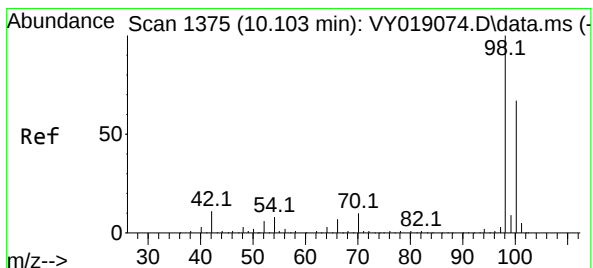
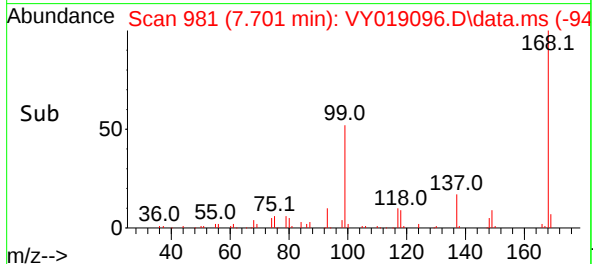
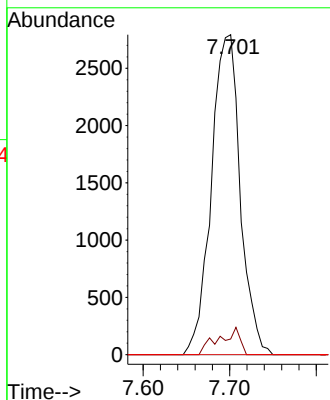


#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Instrument :
MSVOA_Y
ClientSampleId :

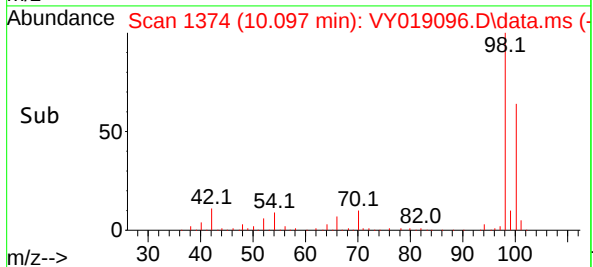
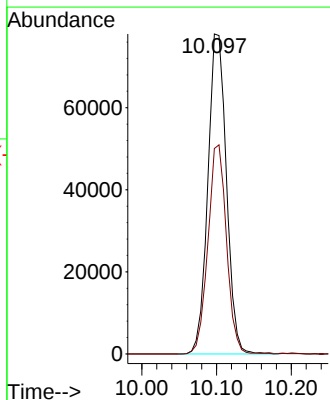
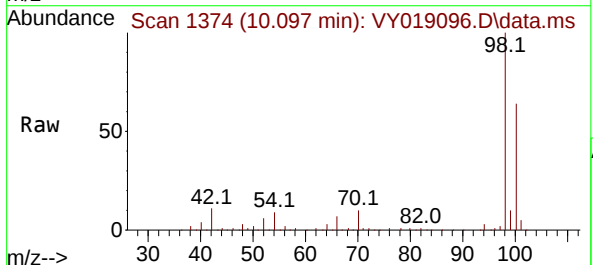


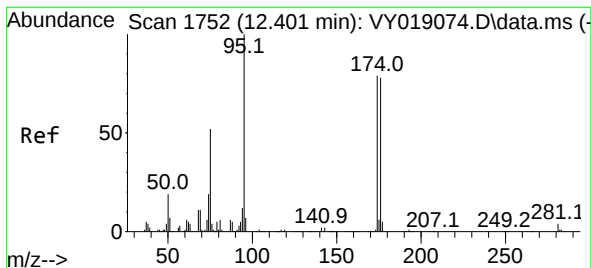
Tgt Ion:117 Resp: 6475
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.987 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. -0.006 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion: 98 Resp: 134557
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 43.705 ug/l

RT: 12.401 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019096.D

Acq: 16 Aug 2024 16:16

Instrument :

MSVOA_Y

ClientSampleId :

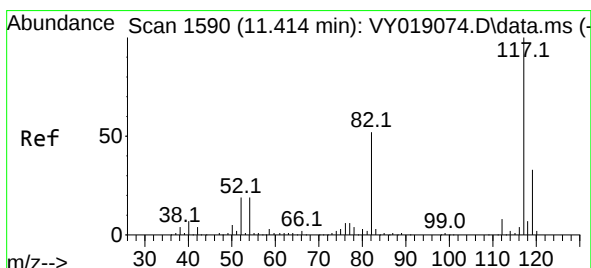
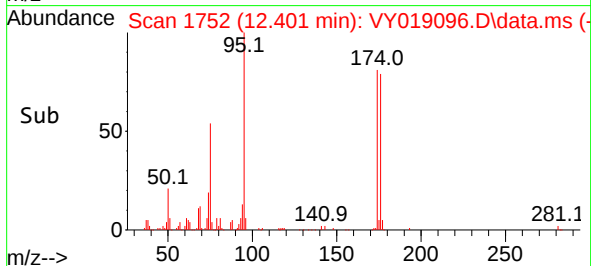
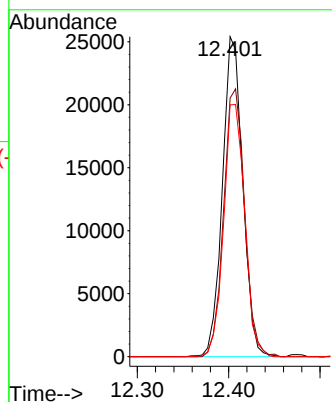
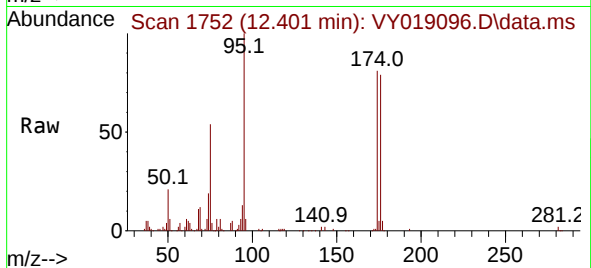
Tgt Ion: 95 Resp: 39319

Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.6

176 81.9 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: VY019096.D

Acq: 16 Aug 2024 16:16

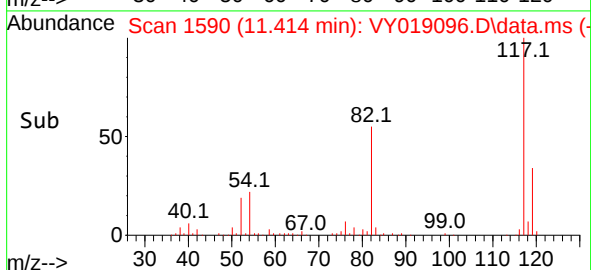
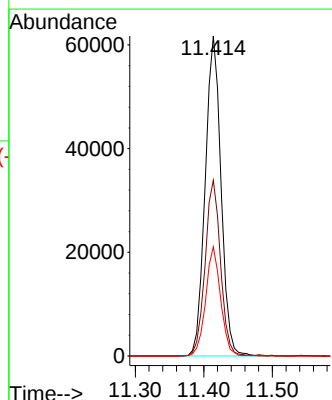
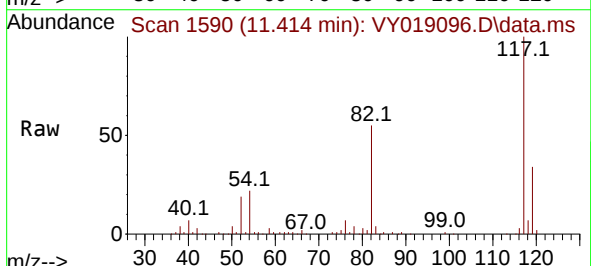
Tgt Ion: 117 Resp: 99049

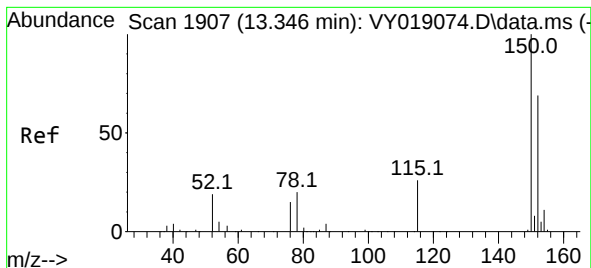
Ion Ratio Lower Upper

117 100

82 54.9 42.4 63.6

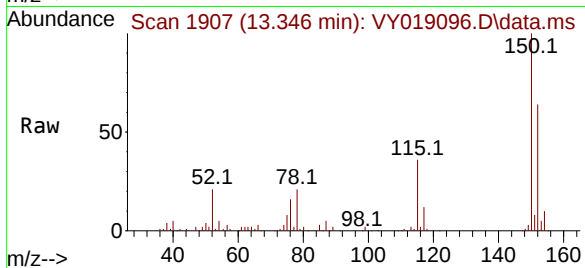
119 34.1 25.9 38.9



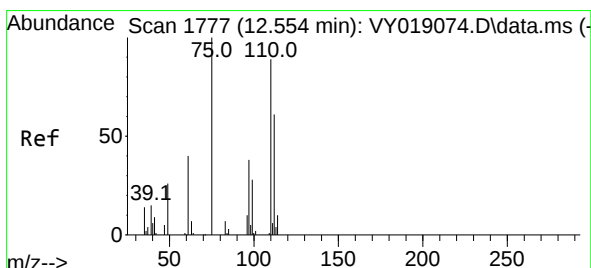
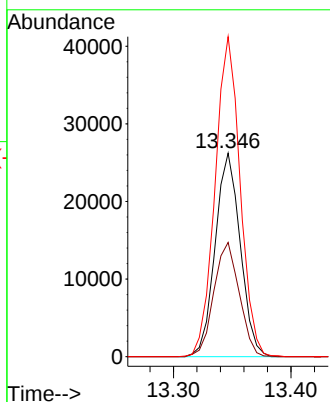
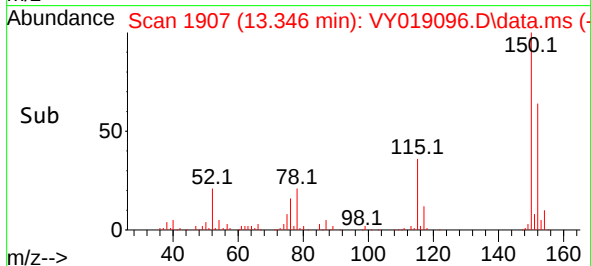


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Instrument :
MSVOA_Y
ClientSampleId :

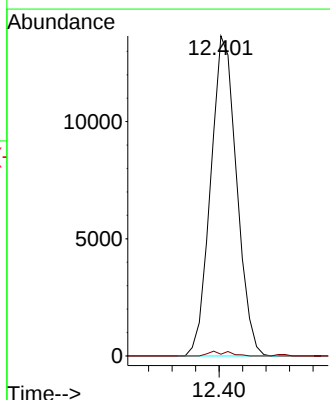
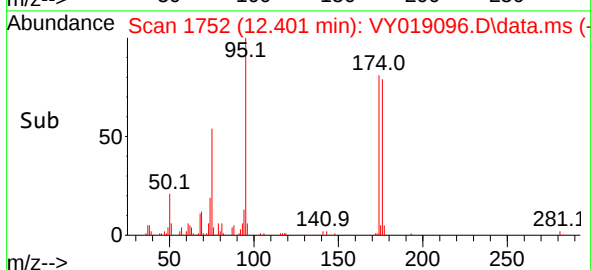
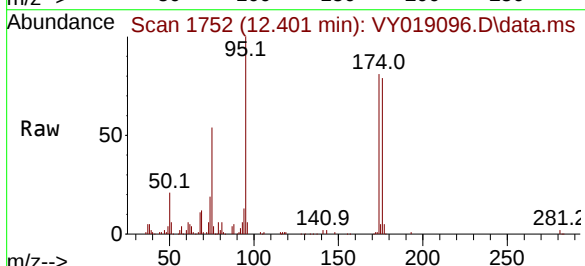


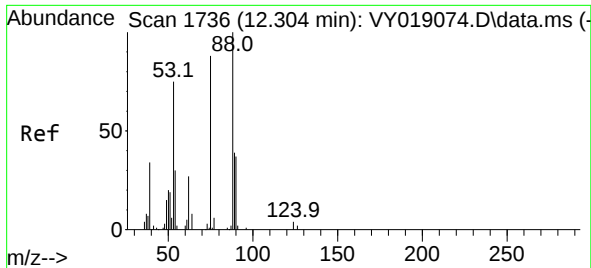
Tgt Ion:152 Resp: 38908
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.9 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 54.662 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

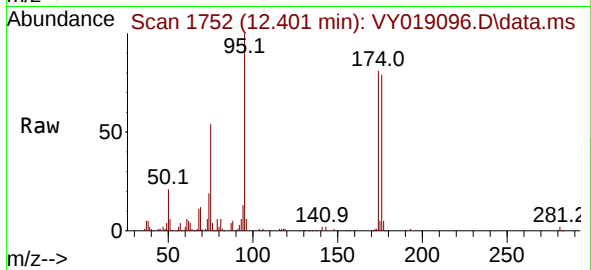
Tgt Ion: 75 Resp: 20974
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.997 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019096.D
 Acq: 16 Aug 2024 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	20974
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

