

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019629.D
 Acq On : 19 Sep 2024 13:14
 Operator : SY/MD
 Sample : P4023-03
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 01:28:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

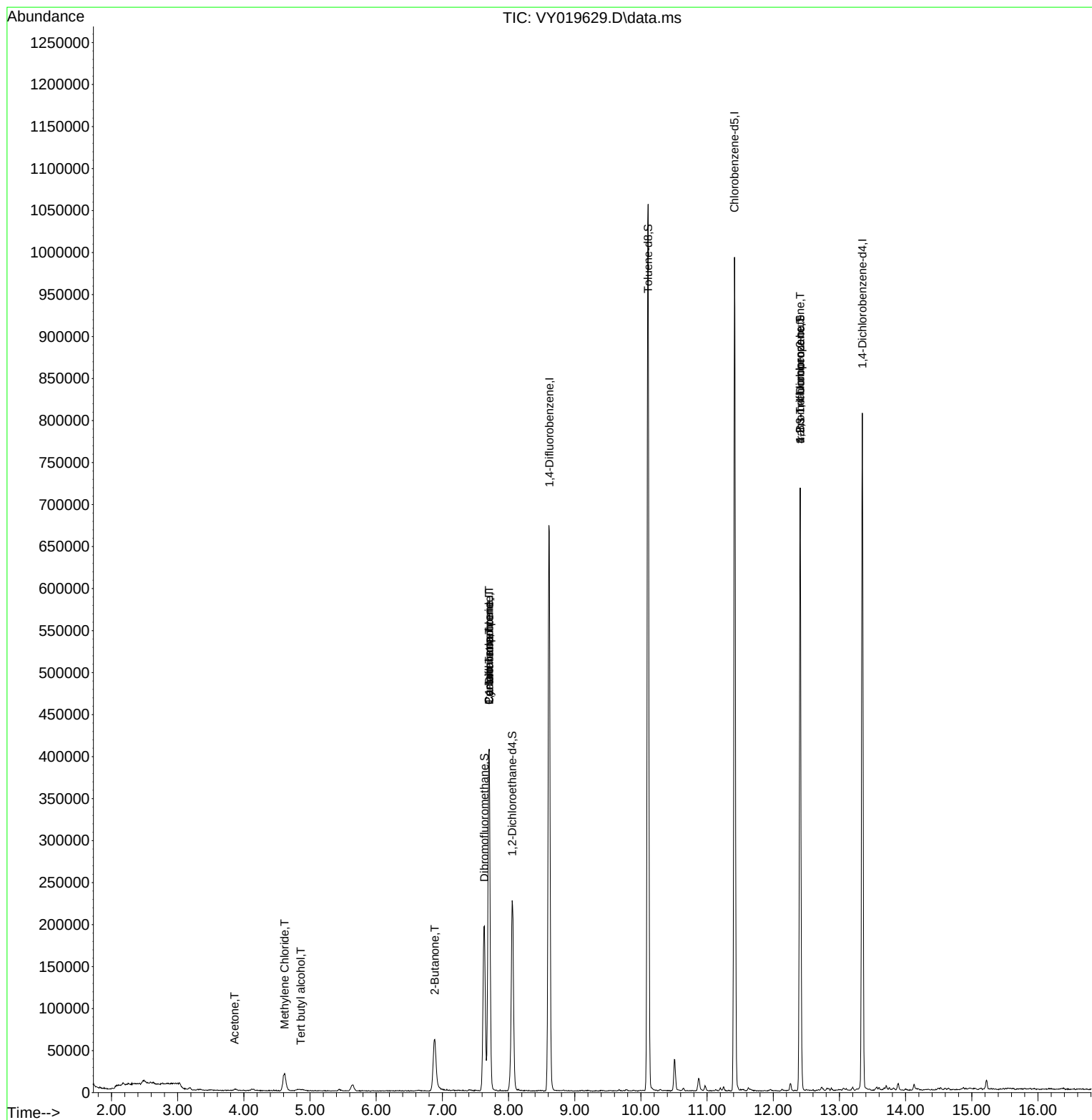
Internal Standards						
1) Pentafluorobenzene	7.707	168	305564	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	574458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	510746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	195546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	178656	63.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.280%	
35) Dibromofluoromethane	7.634	113	143517	44.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.120%	
50) Toluene-d8	10.109	98	690127	57.286	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.580%	
62) 4-Bromofluorobenzene	12.408	95	221967	47.918	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	1362	5.961	ug/l	# 82
13) Acrolein	3.720	56	20	Below Cal	#	1
16) Acetone	3.860	43	1687	2.503	ug/l	88
20) Methylene Chloride	4.616	84	15015	4.884	ug/l	# 87
25) 2-Butanone	6.884	43	4870	5.080	ug/l	# 75
31) Cyclohexane	7.707	56	7299	1.441	ug/l	# 35
36) 1,1-Dichloropropene	7.707	75	25756	5.811	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	32162	6.435	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	120848	65.935	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	120848	126.576	ug/l	# 16

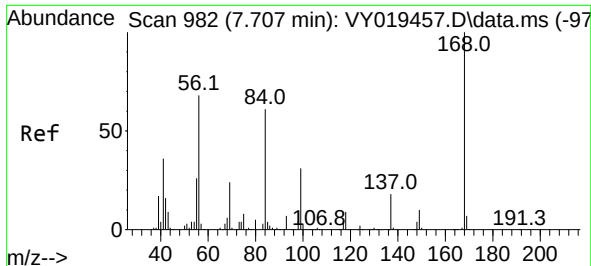
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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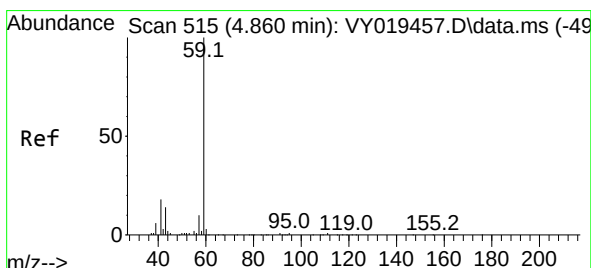
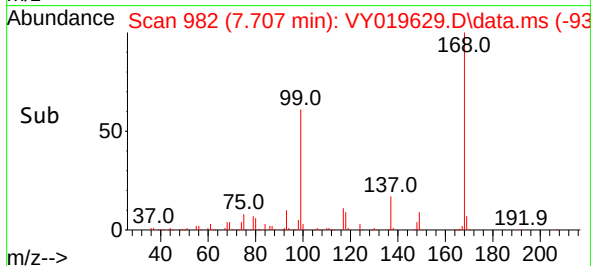
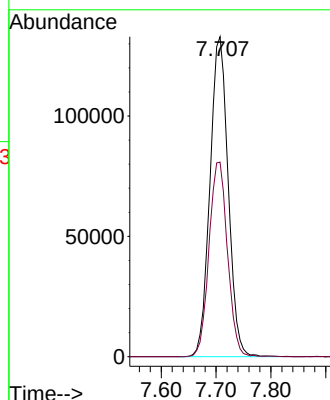
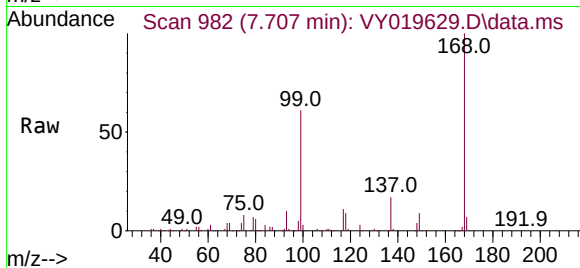




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019629.D
Acq: 19 Sep 2024 13:14

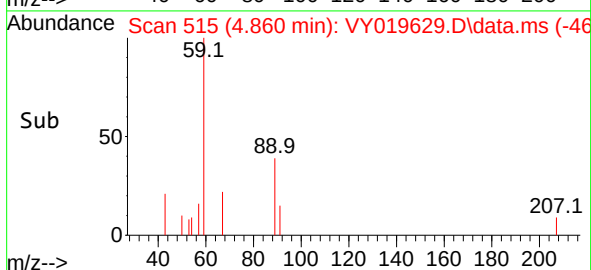
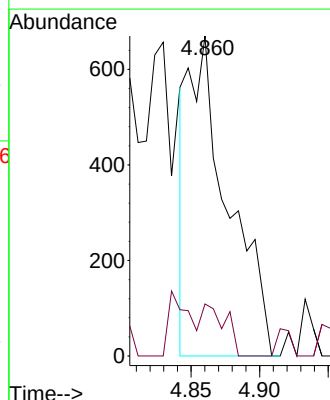
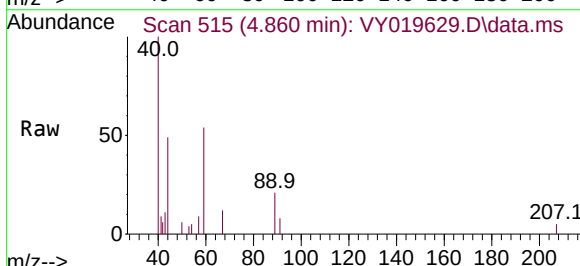
Instrument :
MSVOA_Y
ClientSampleId :

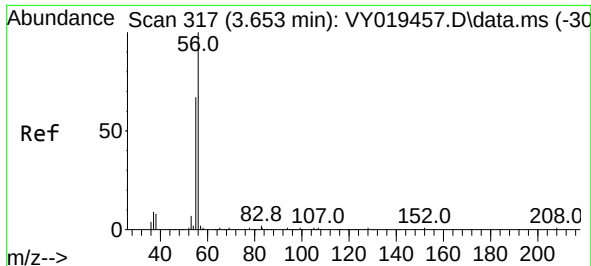
Tgt Ion:168 Resp: 305564
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: 5.961 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019629.D
Acq: 19 Sep 2024 13:14

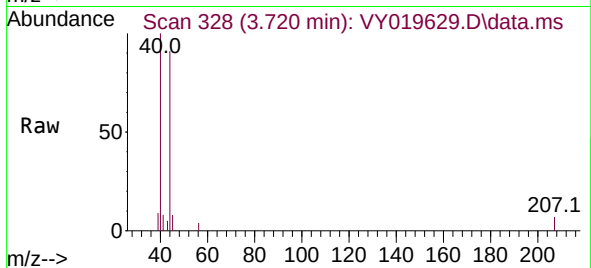
Tgt Ion: 59 Resp: 1362
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



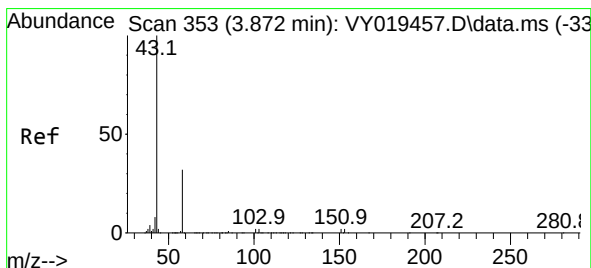
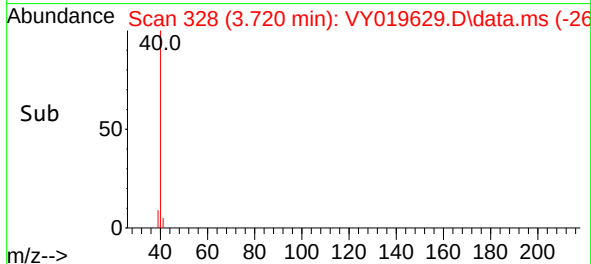
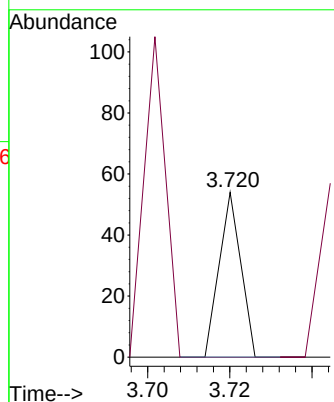


#13
Acrolein
Concen: Below Cal
RT: 3.720 min Scan# 317
Delta R.T. 0.067 min
Lab File: VY019629.D
Acq: 19 Sep 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :

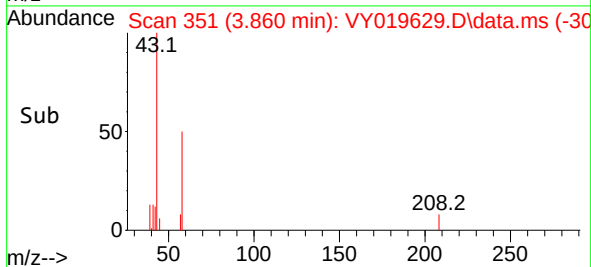
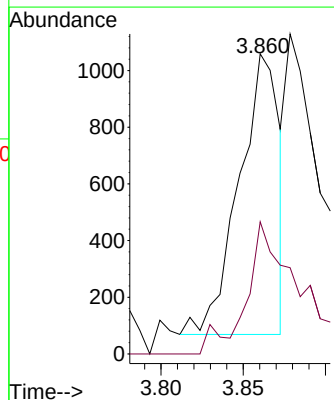
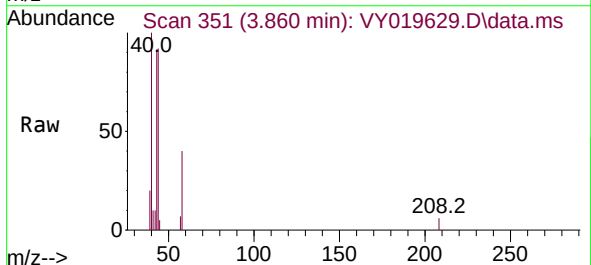


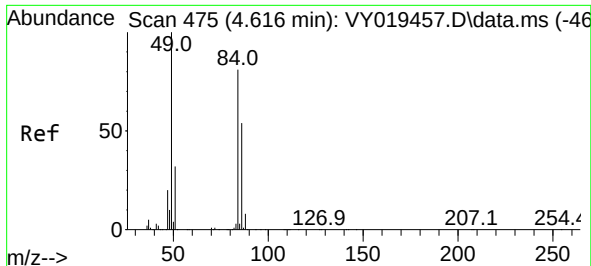
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 190.0 55.7 83.5#



#16
Acetone
Concen: 2.503 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019629.D
Acq: 19 Sep 2024 13:14

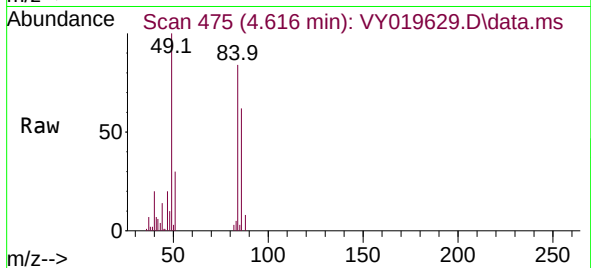
Tgt Ion: 43 Resp: 1687
Ion Ratio Lower Upper
43 100
58 47.1 31.7 47.5



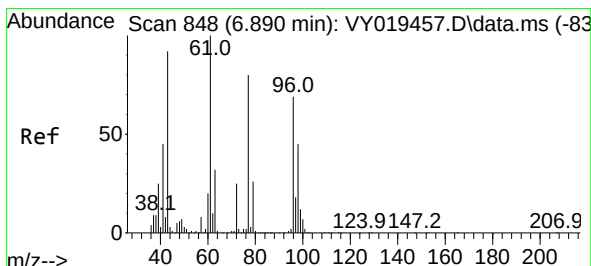
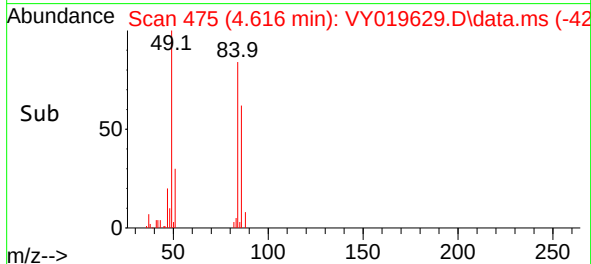
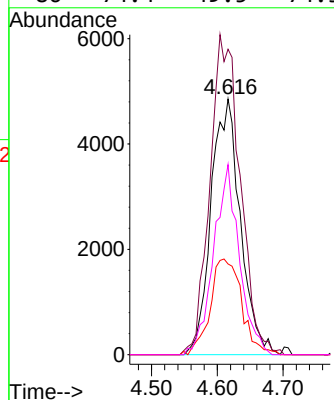


#20
Methylene Chloride
Concen: 4.884 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019629.D
Acq: 19 Sep 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :

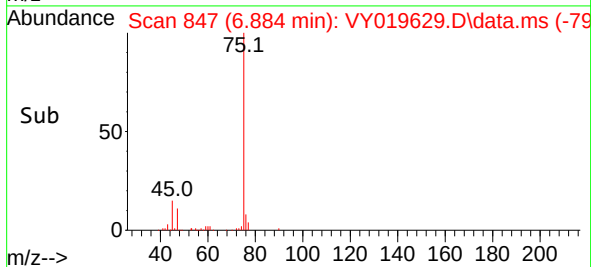
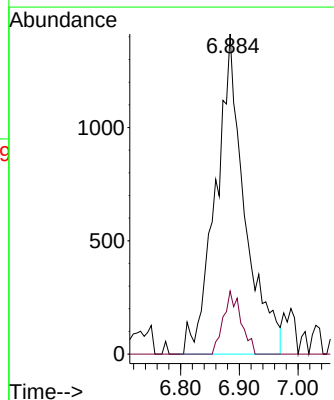
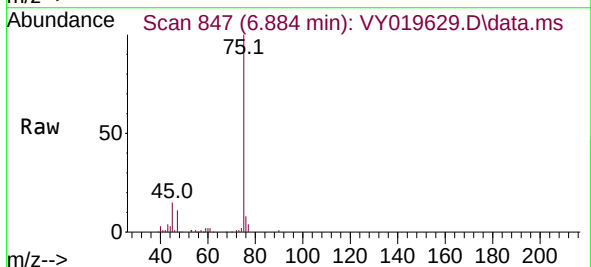


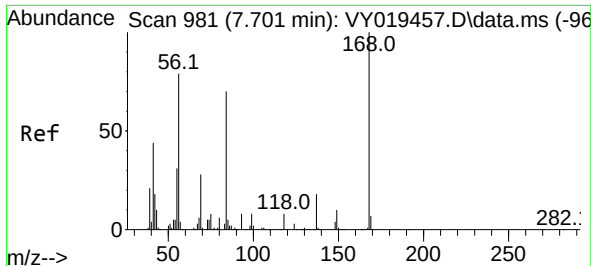
Tgt Ion:	84	Resp:	15015
Ion	Ratio	Lower	Upper
84	100		
49	119.5	84.4	126.6
51	35.5	26.0	39.0
86	74.4	49.5	74.3#



#25
2-Butanone
Concen: 5.080 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019629.D
Acq: 19 Sep 2024 13:14

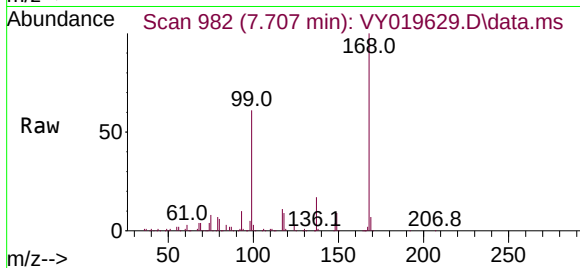
Tgt Ion:	43	Resp:	4870
Ion	Ratio	Lower	Upper
43	100		
72	19.7	27.3	40.9#



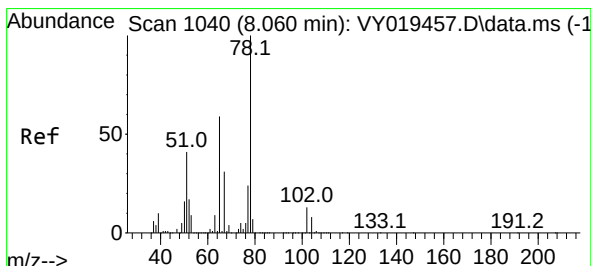
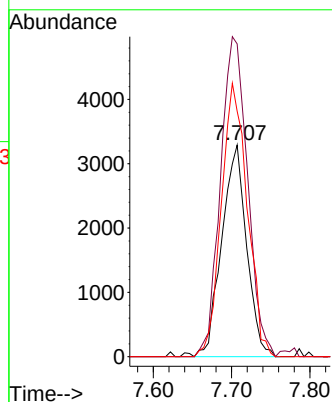
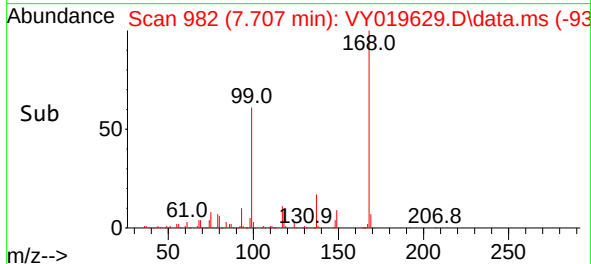


#31
Cyclohexane
Concen: 1.441 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019629.D
Acq: 19 Sep 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :

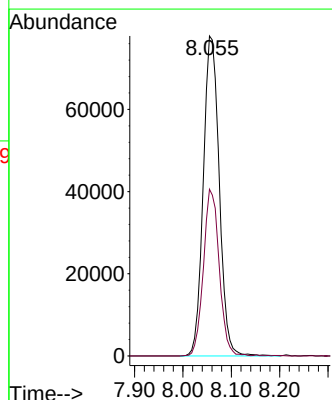
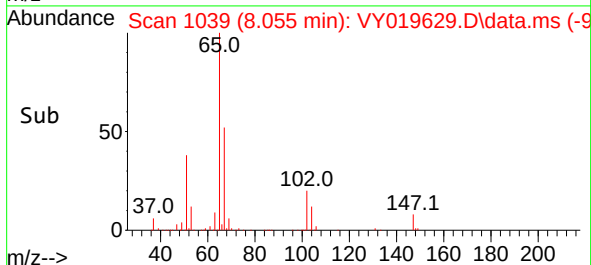
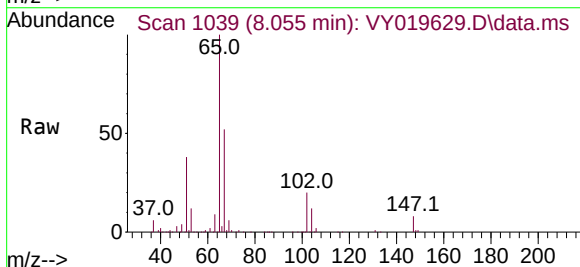


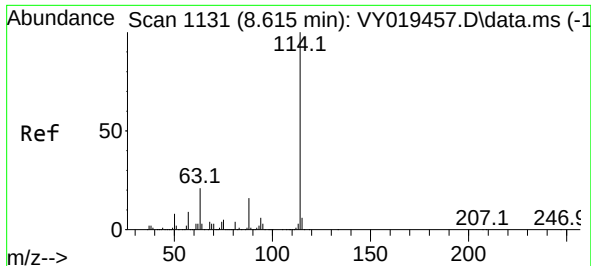
Tgt Ion: 56 Resp: 7299
Ion Ratio Lower Upper
56 100
69 147.7 28.7 43.1#
84 115.9 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 63.142 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019629.D
Acq: 19 Sep 2024 13:14

Tgt Ion: 65 Resp: 178656
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

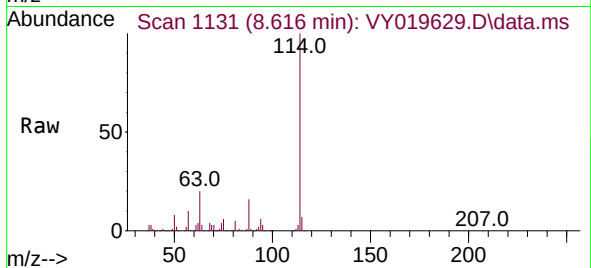
Lab File: VY019629.D

Acq: 19 Sep 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :



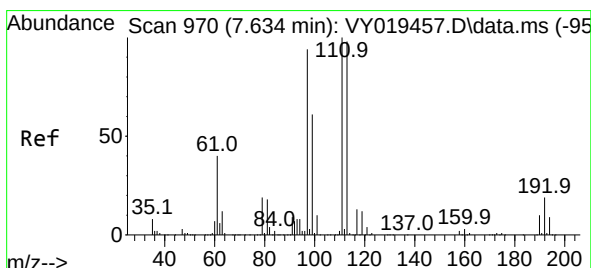
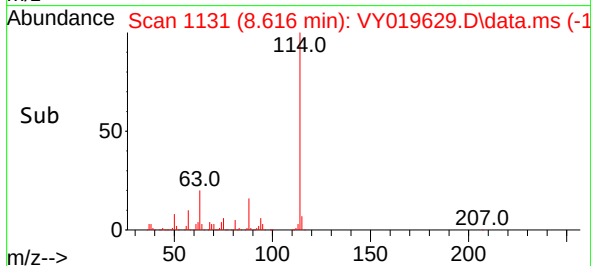
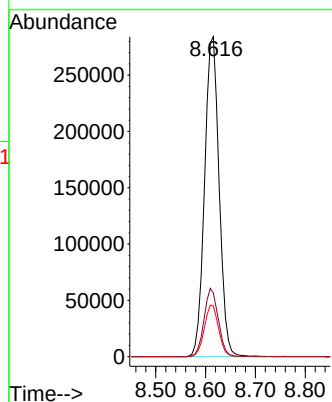
Tgt Ion:114 Resp: 574458

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 15.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.063 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019629.D

Acq: 19 Sep 2024 13:14

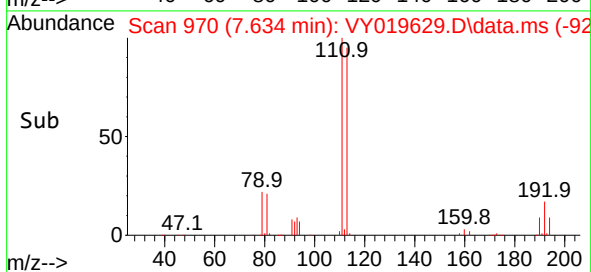
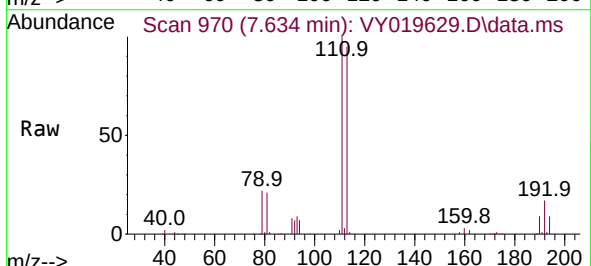
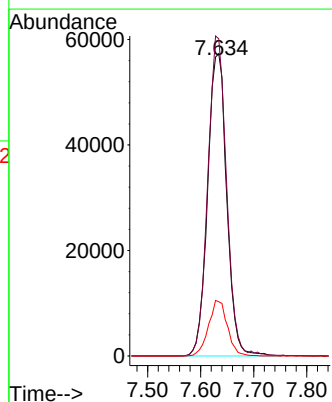
Tgt Ion:113 Resp: 143517

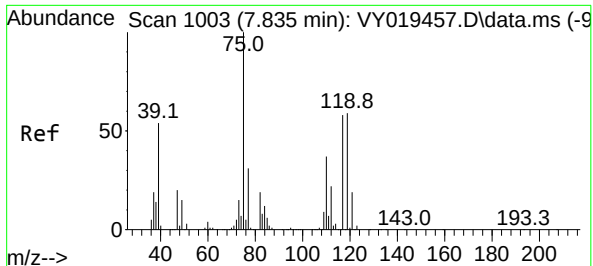
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 18.1 15.9 23.9

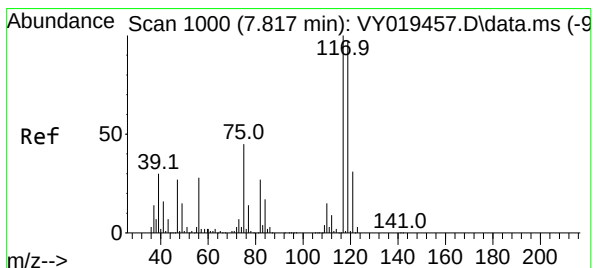
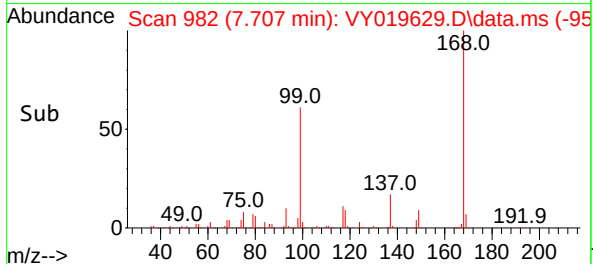
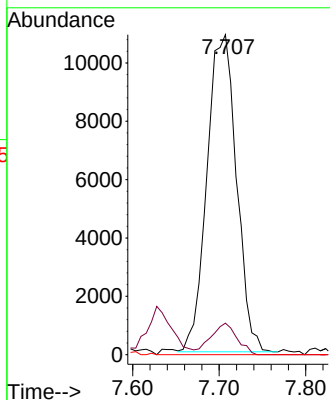
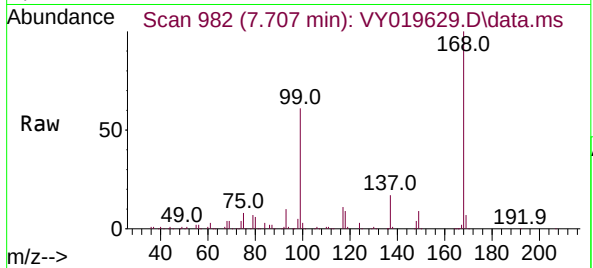




#36
 1,1-Dichloropropene
 Concen: 5.811 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.128 min
 Lab File: VY019629.D
 Acq: 19 Sep 2024 13:14

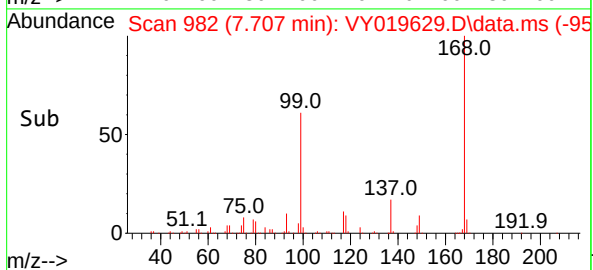
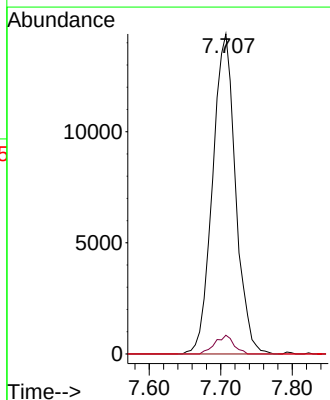
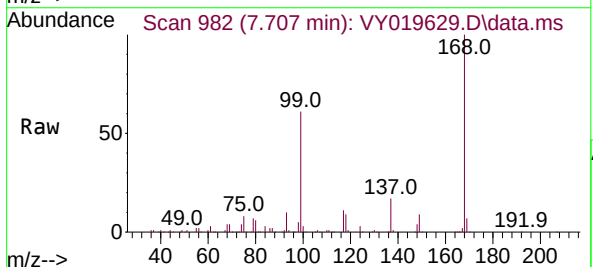
Instrument :
 MSVOA_Y
 ClientSampleId :

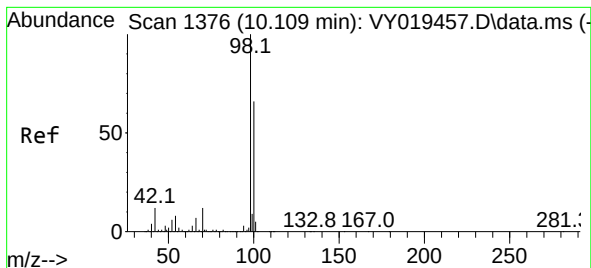
Tgt Ion: 75 Resp: 25756
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.435 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY019629.D
 Acq: 19 Sep 2024 13:14

Tgt Ion: 117 Resp: 32162
 Ion Ratio Lower Upper
 117 100
 119 5.9 75.8 113.6#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 57.286 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019629.D

Acq: 19 Sep 2024 13:14

Instrument :

MSVOA_Y

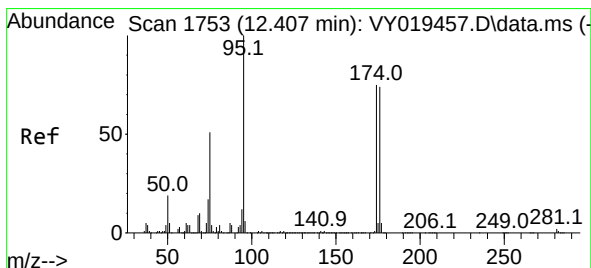
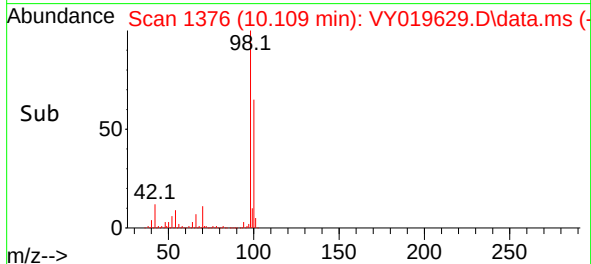
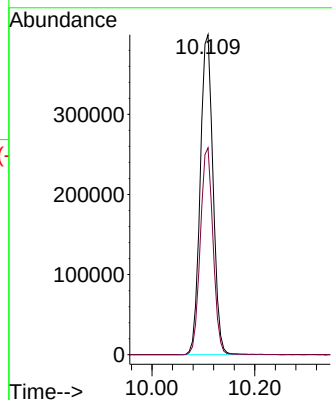
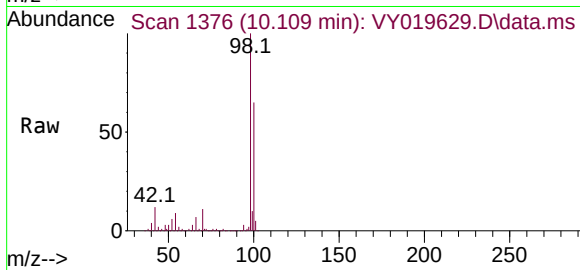
ClientSampleId :

Tgt Ion: 98 Resp: 690127

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.918 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019629.D

Acq: 19 Sep 2024 13:14

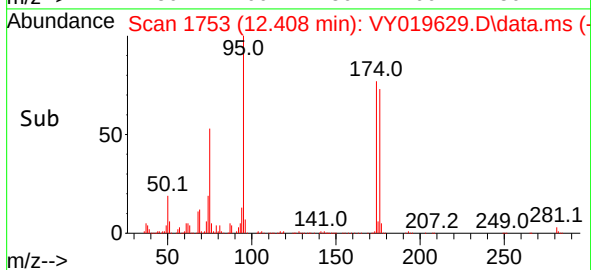
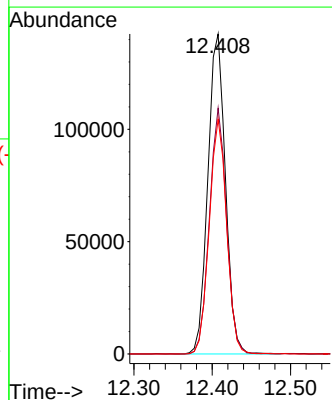
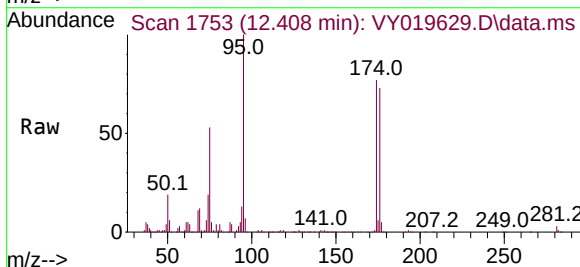
Tgt Ion: 95 Resp: 221967

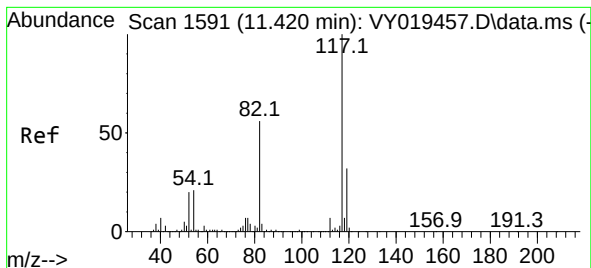
Ion Ratio Lower Upper

95 100

174 75.1 0.0 175.6

176 72.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

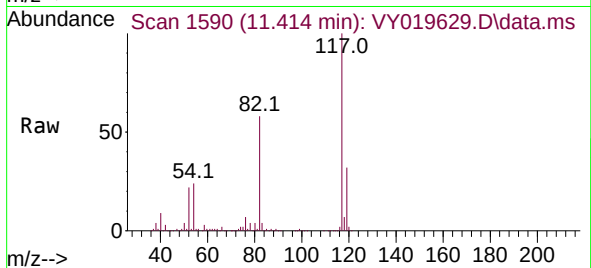
Lab File: VY019629.D

Acq: 19 Sep 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :



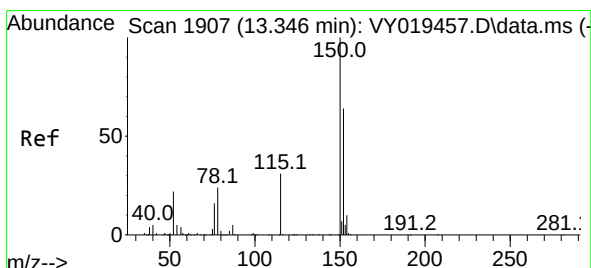
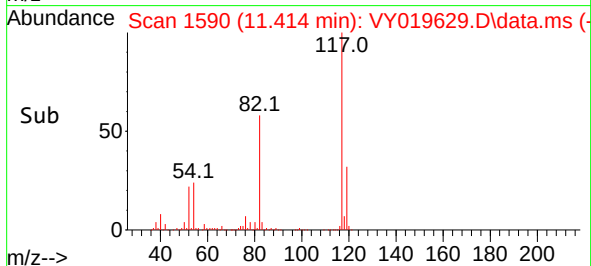
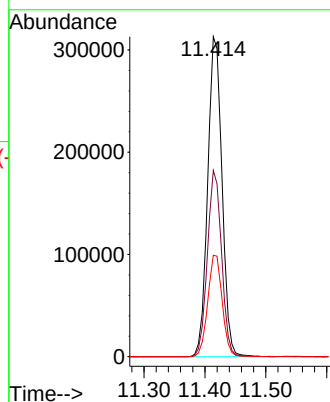
Tgt Ion:117 Resp: 510746

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 31.7 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: VY019629.D

Acq: 19 Sep 2024 13:14

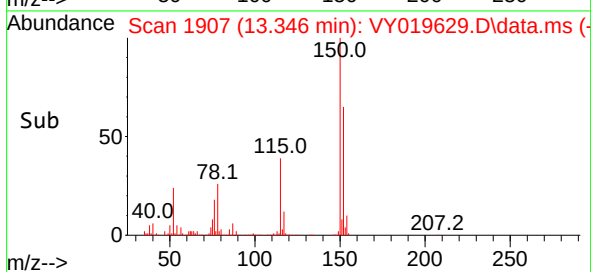
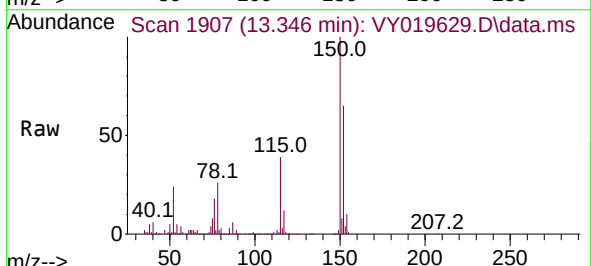
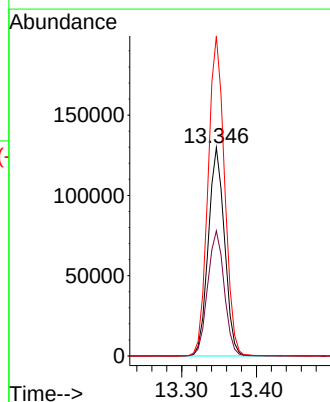
Tgt Ion:152 Resp: 195546

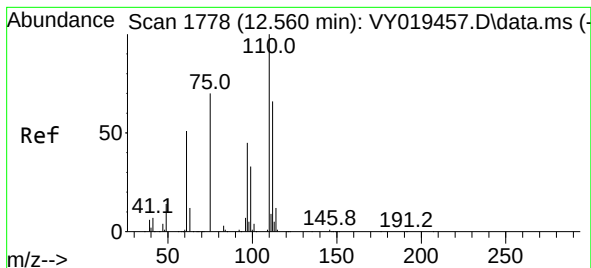
Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 156.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 65.935 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019629.D

Acq: 19 Sep 2024 13:14

Instrument :

MSVOA_Y

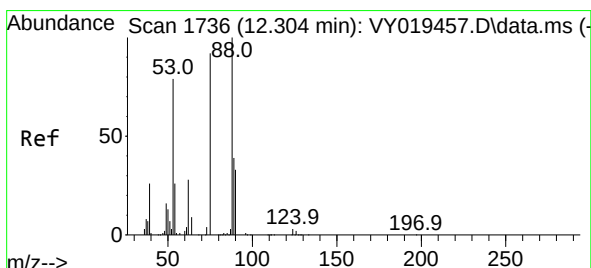
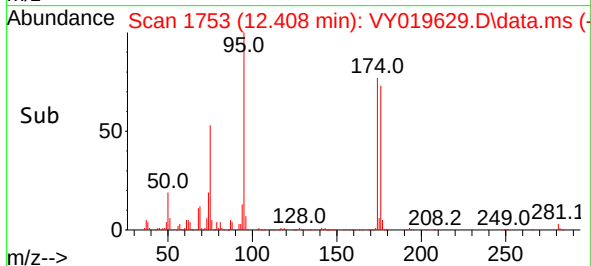
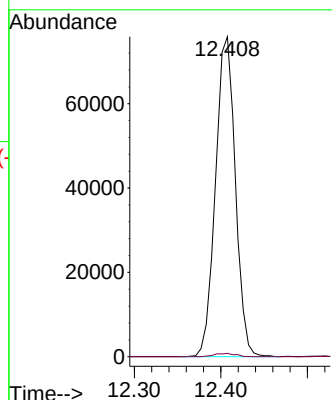
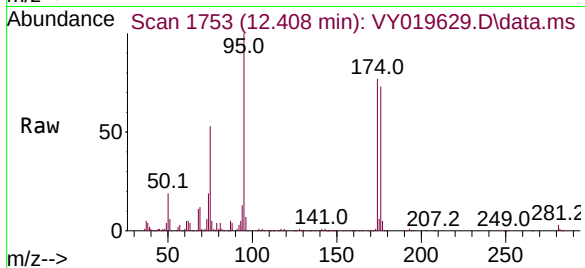
ClientSampleId :

Tgt Ion: 75 Resp: 120848

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.576 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019629.D

Acq: 19 Sep 2024 13:14

Tgt Ion: 75 Resp: 120848

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

