

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019415.D
 Acq On : 30 Aug 2024 22:51
 Operator : SY/MD
 Sample : P3737-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 01:17:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

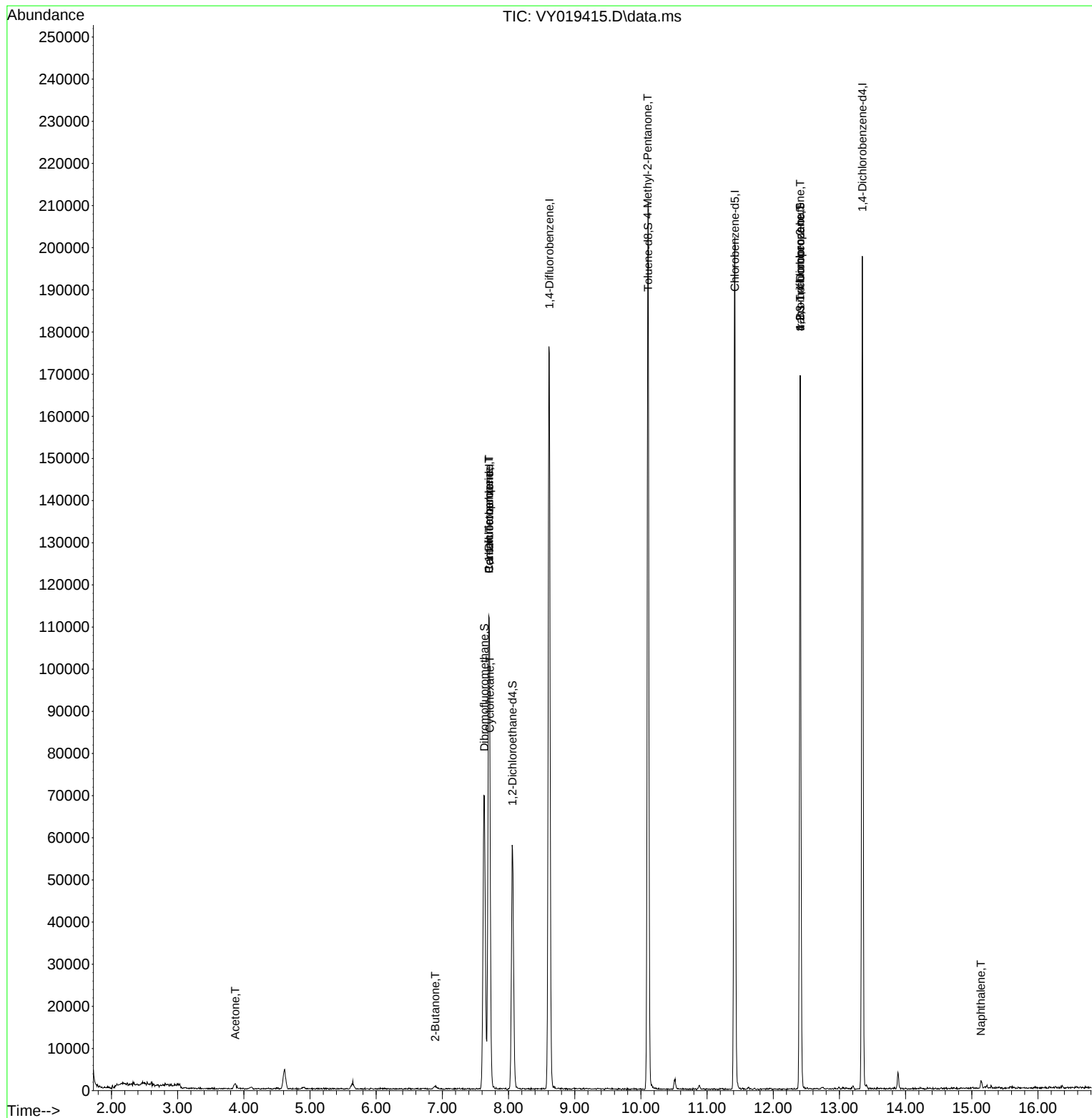
Internal Standards						
1) Pentafluorobenzene	7.707	168	89782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	158390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	113141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	48980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	46276	54.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.840%	
35) Dibromofluoromethane	7.634	113	51128	51.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.120%	
50) Toluene-d8	10.109	98	135553	36.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 73.540%	
62) 4-Bromofluorobenzene	12.408	95	47817	40.105	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.605	94	98	Below Cal	#	57
16) Acetone	3.873	43	2276	13.607	ug/l	90
20) Methylene Chloride	4.610	84	3413	Below Cal	#	82
25) 2-Butanone	6.890	43	855	3.822	ug/l	# 41
31) Cyclohexane	7.720	56	1870	1.293	ug/l	# 68
36) 1,1-Dichloropropene	7.701	75	7156	5.057	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	9085	5.267	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.103	43	607	1.060	ug/l	# 1
76) 1,2,3-Trichloropropane	12.408	75	26782	62.263	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	26782	154.043	ug/l	# 16
95) Naphthalene	15.139	128	1932	1.537	ug/l	99

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

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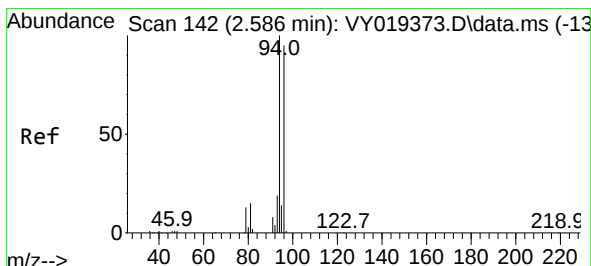
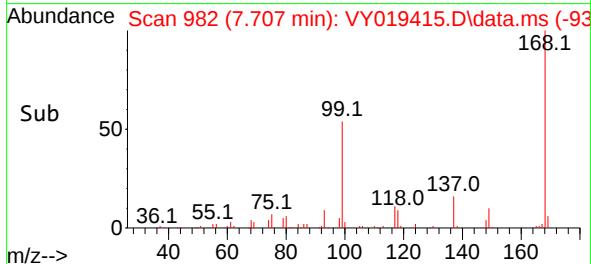
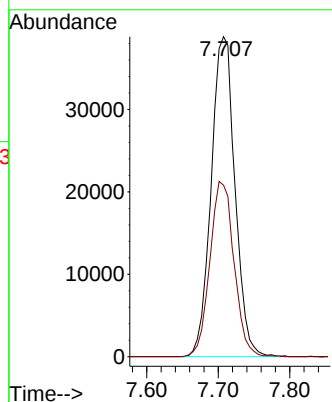
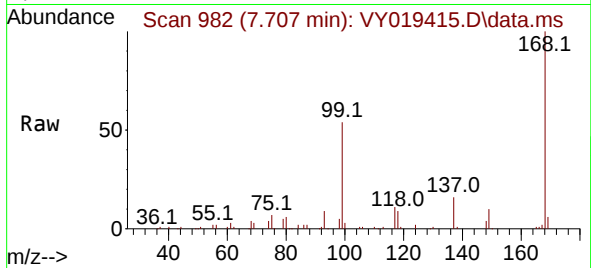




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

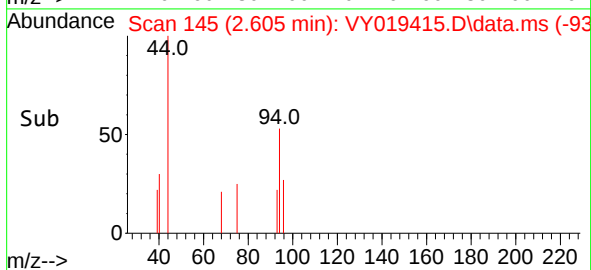
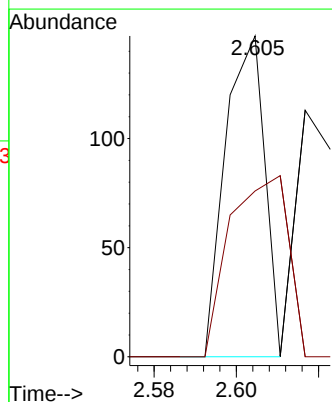
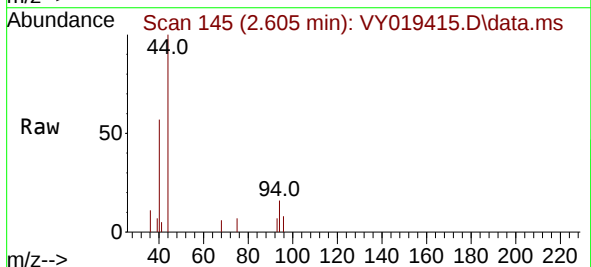
Instrument :
MSVOA_Y
ClientSampleId :

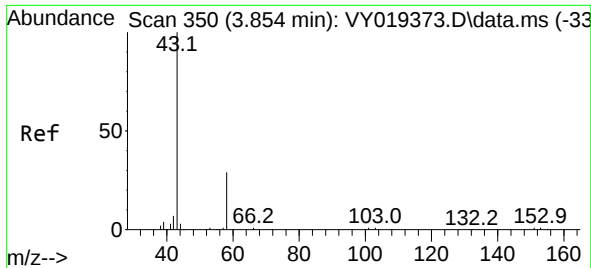
Tgt Ion:168 Resp: 89782
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 51.7 74.1 111.1#

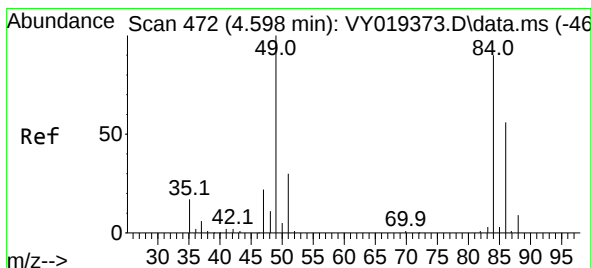
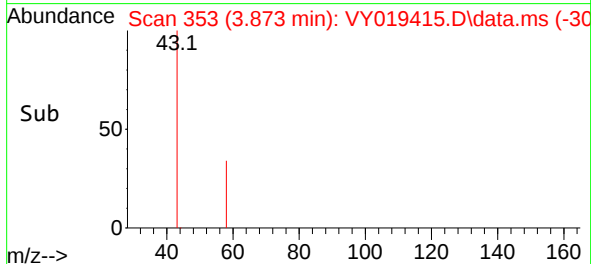
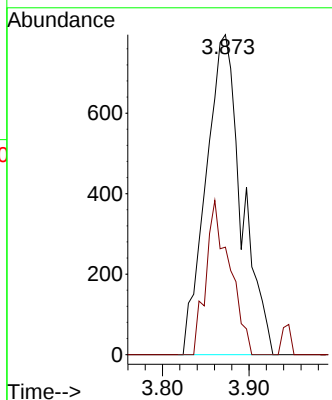
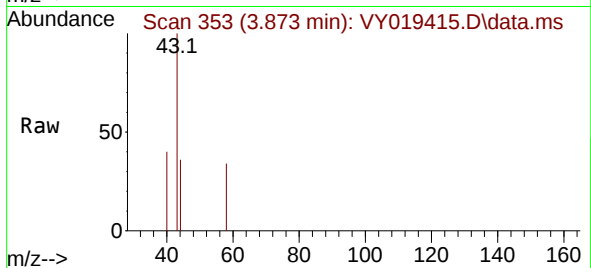




#16
Acetone
Concen: 13.607 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

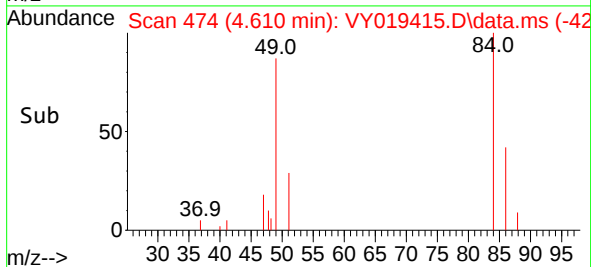
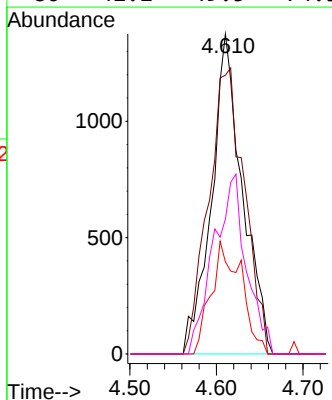
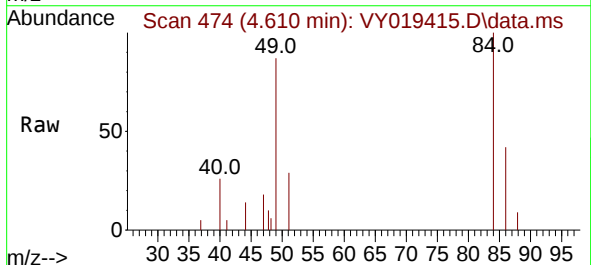
Instrument :
MSVOA_Y
ClientSampleId :

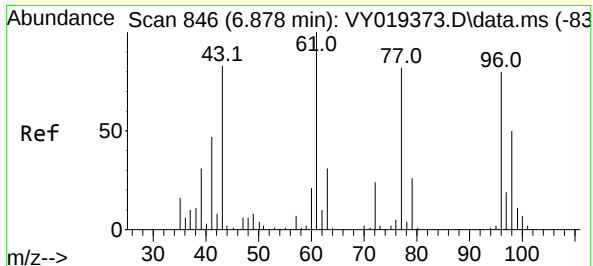
Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
58 33.6 31.7 47.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Tgt Ion: 84 Resp: 3413
Ion Ratio Lower Upper
84 100
49 87.1 84.4 126.6
51 28.8 26.0 39.0
86 42.2 49.5 74.3#





#25

2-Butanone

Concen: 3.822 ug/l

RT: 6.890 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY019415.D

Acq: 30 Aug 2024 22:51

Instrument :

MSVOA_Y

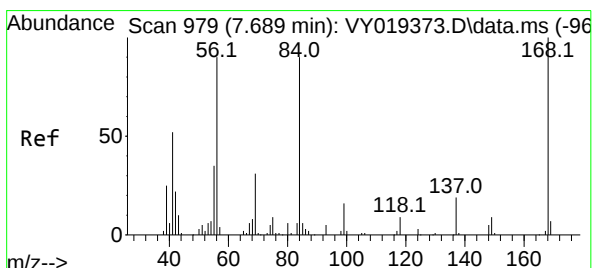
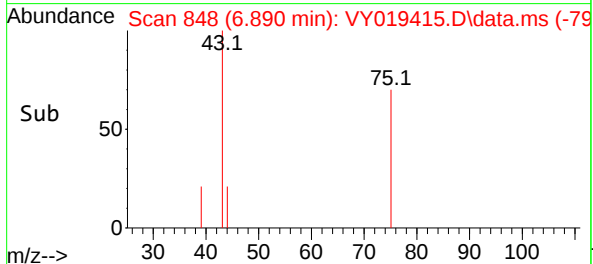
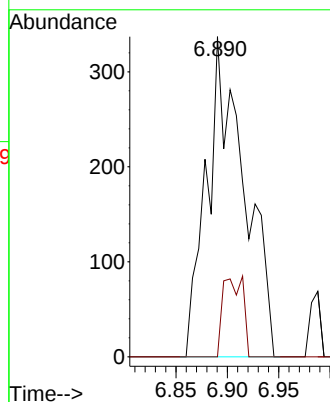
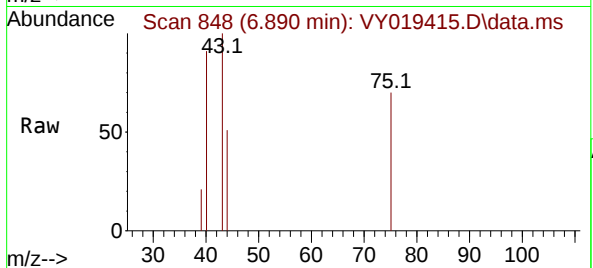
ClientSampleId :

Tgt Ion: 43 Resp: 855

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.293 ug/l

RT: 7.720 min Scan# 984

Delta R.T. 0.030 min

Lab File: VY019415.D

Acq: 30 Aug 2024 22:51

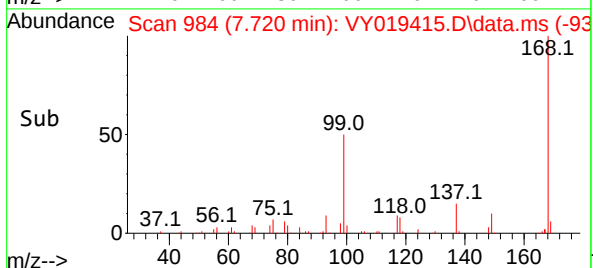
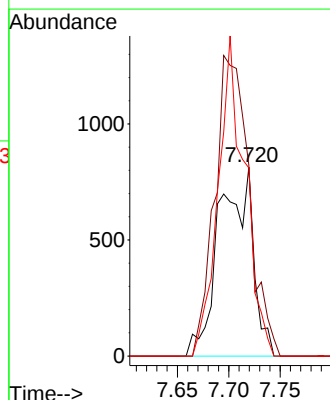
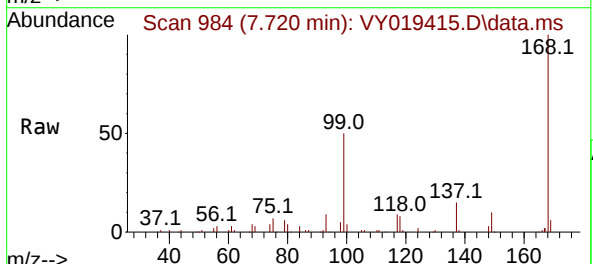
Tgt Ion: 56 Resp: 1870

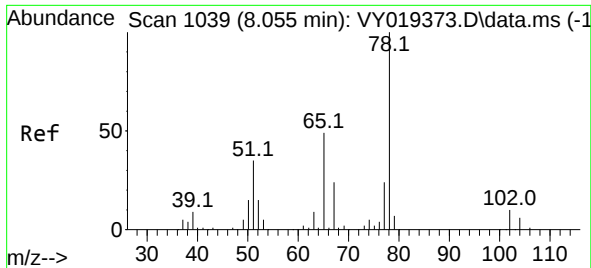
Ion Ratio Lower Upper

56 100

69 101.1 28.7 43.1#

84 99.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 54.417 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019415.D

Acq: 30 Aug 2024 22:51

Instrument :

MSVOA_Y

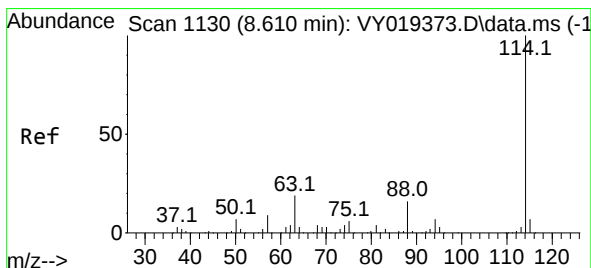
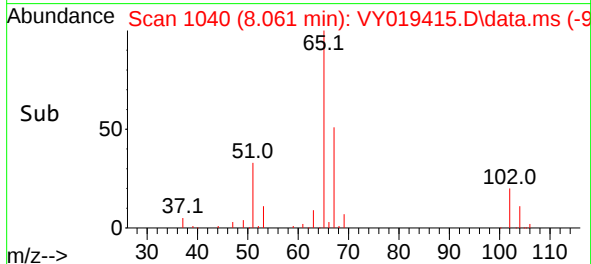
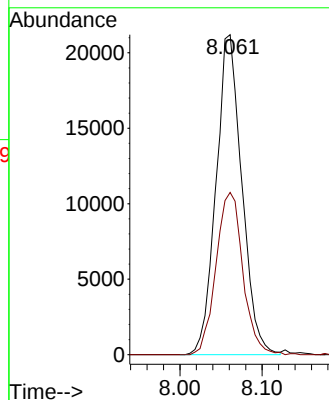
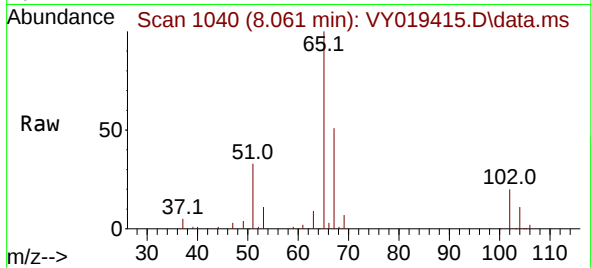
ClientSampleId :

Tgt Ion: 65 Resp: 46276

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019415.D

Acq: 30 Aug 2024 22:51

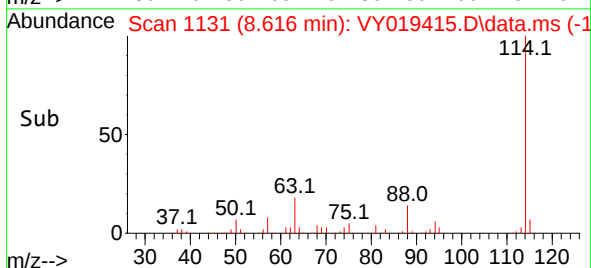
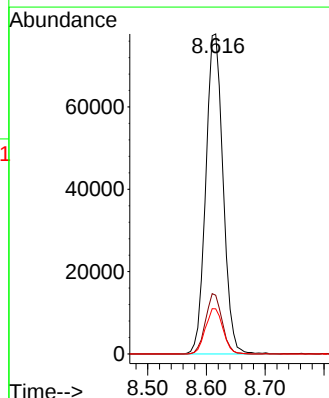
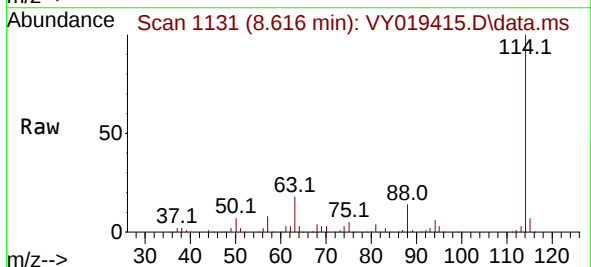
Tgt Ion: 114 Resp: 158390

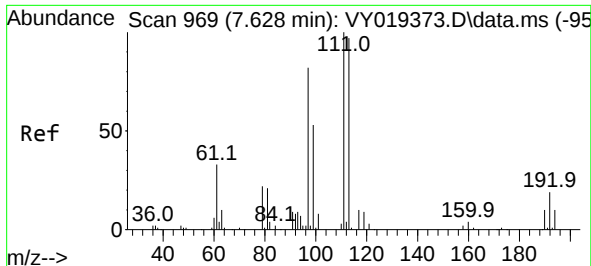
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

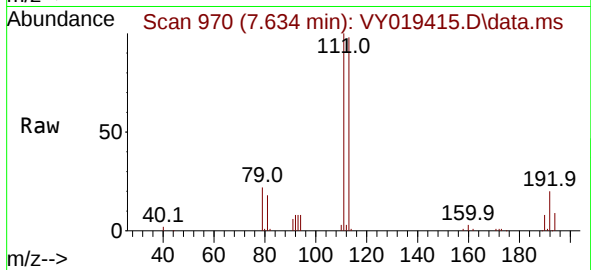
88 14.1 0.0 27.2



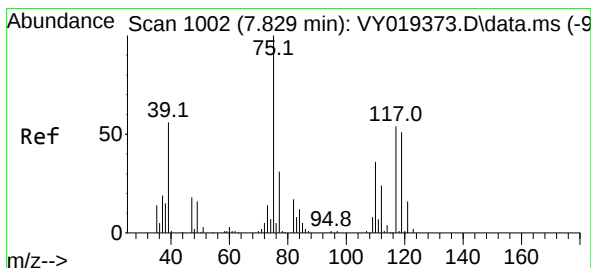
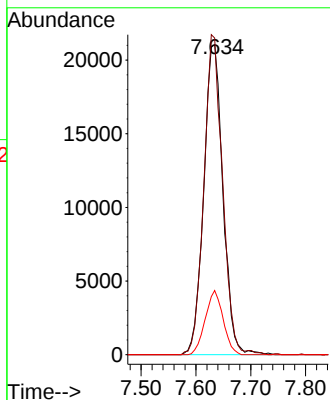
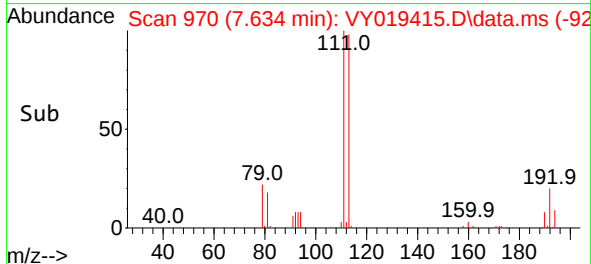


#35
Dibromofluoromethane
Concen: 51.057 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

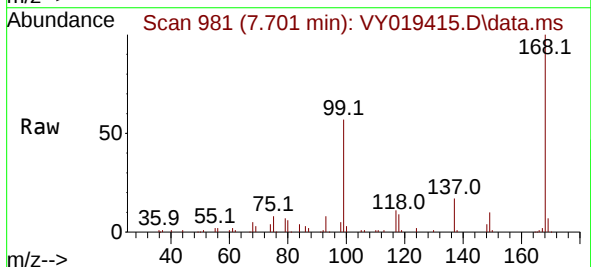
Instrument :
MSVOA_Y
ClientSampleId :



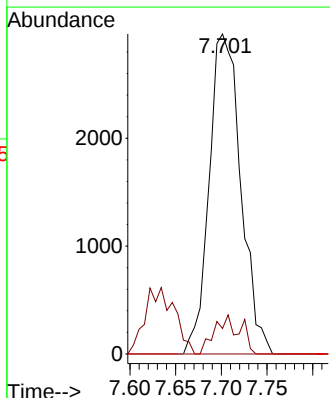
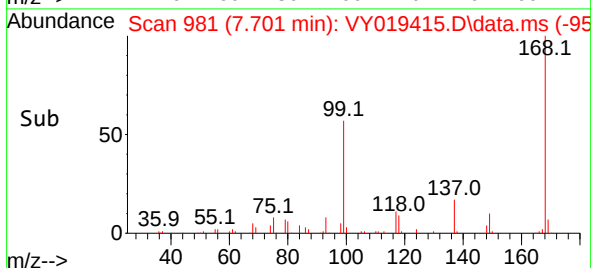
Tgt Ion:113 Resp: 51128
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 19.3 15.9 23.9

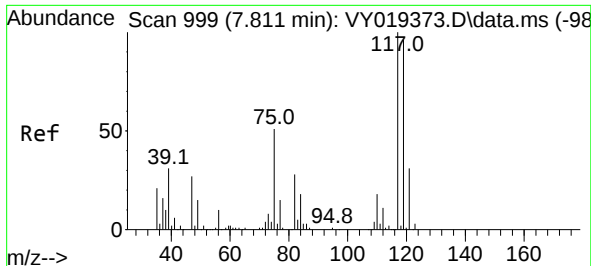


#36
1,1-Dichloropropene
Concen: 5.057 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51



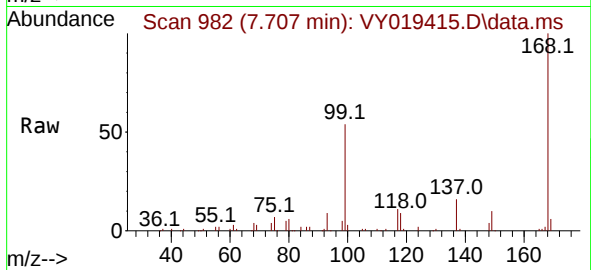
Tgt Ion: 75 Resp: 7156
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



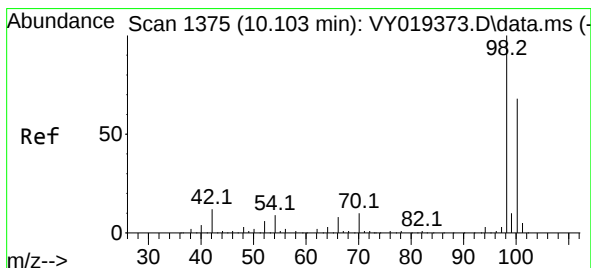
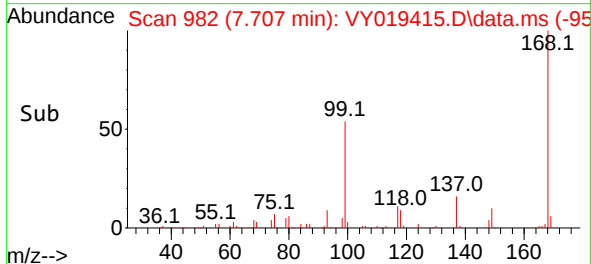
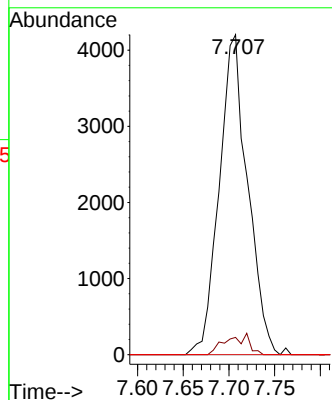


#38
Carbon Tetrachloride
Concen: 5.267 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Instrument :
MSVOA_Y
ClientSampleId :

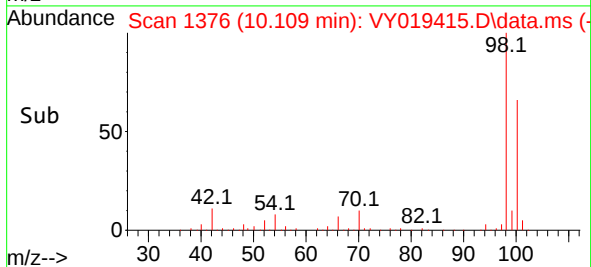
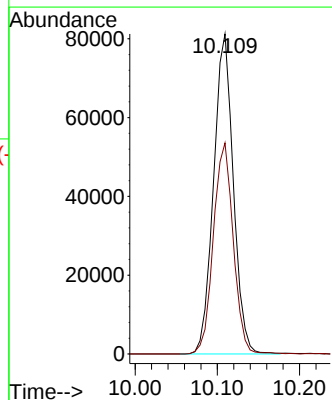
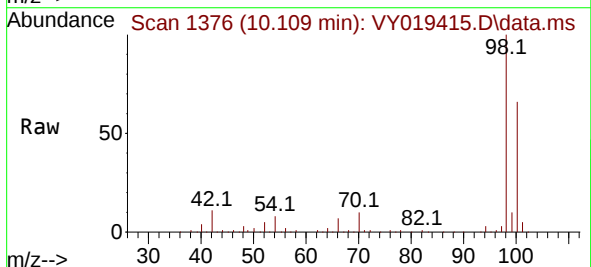


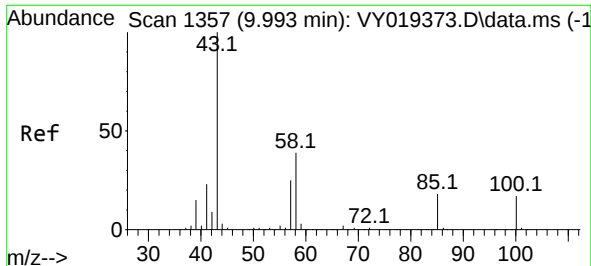
Tgt Ion:117 Resp: 9085
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 36.772 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Tgt Ion: 98 Resp: 135553
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0

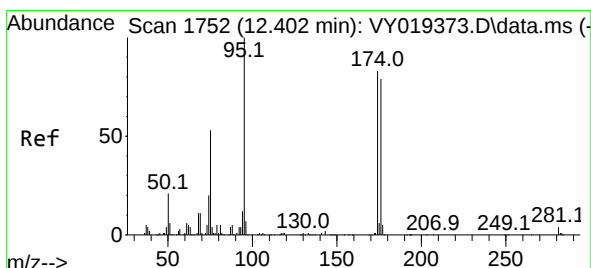
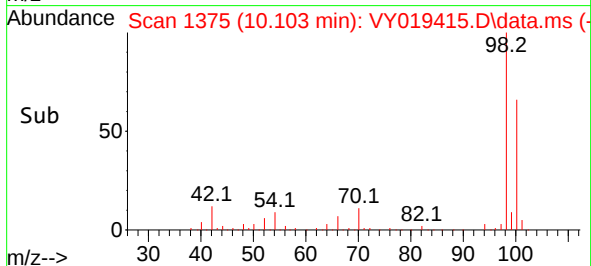
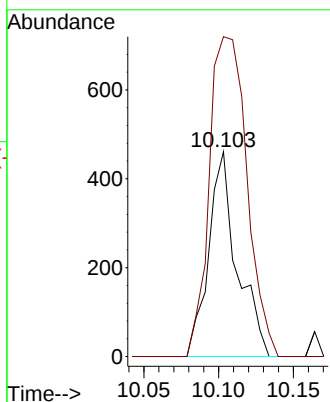
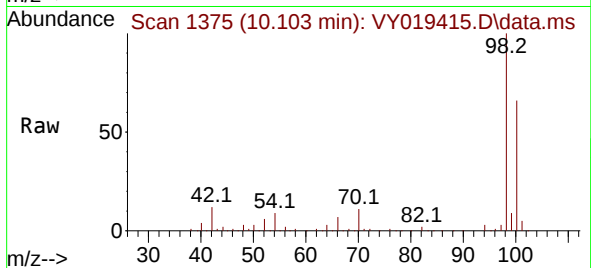




#51
4-Methyl-2-Pentanone
Concen: 1.060 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

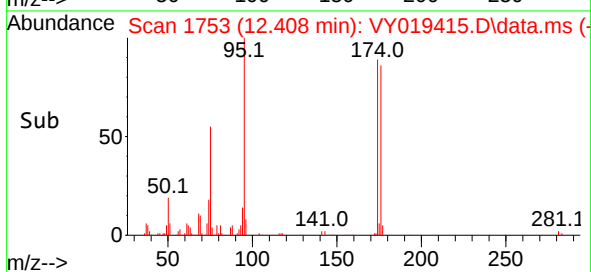
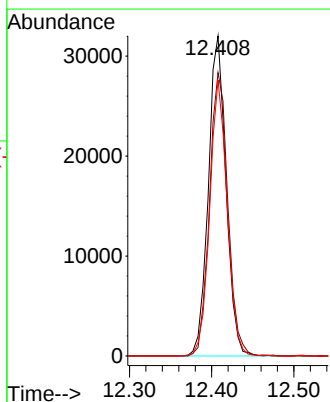
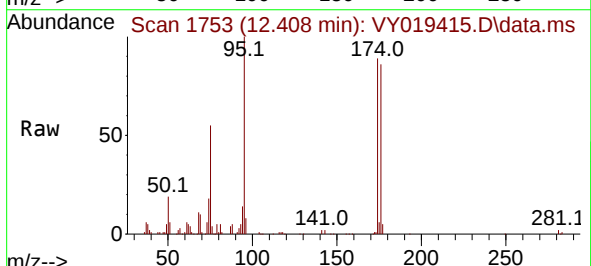
Instrument :
MSVOA_Y
ClientSampleId :

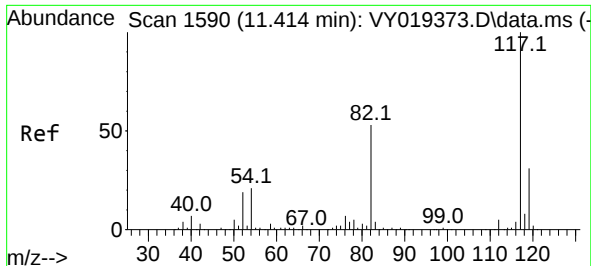
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
58 207.7 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 40.105 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Tgt Ion: 95 Resp: 47817
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 85.2 0.0 171.4

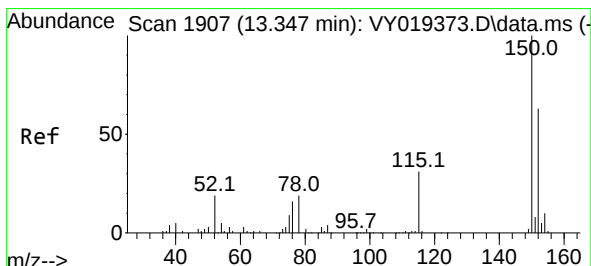
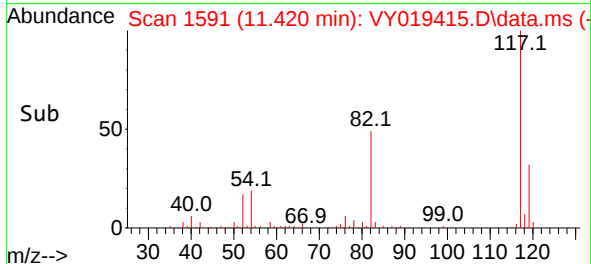
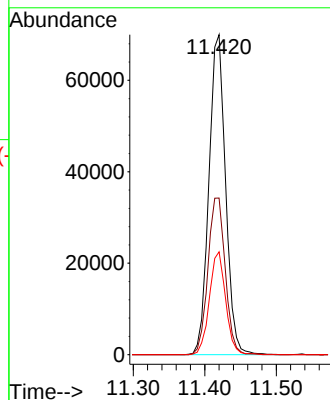
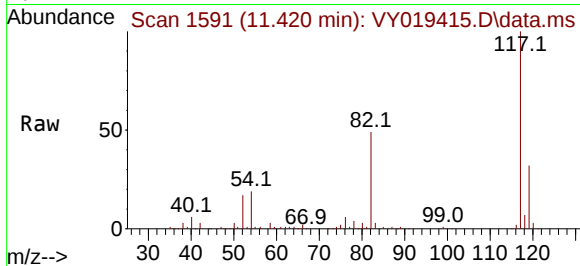




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

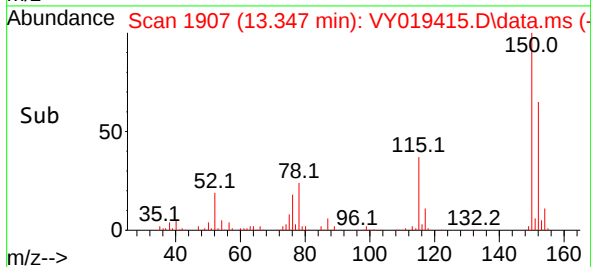
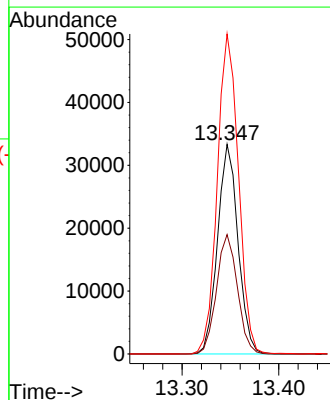
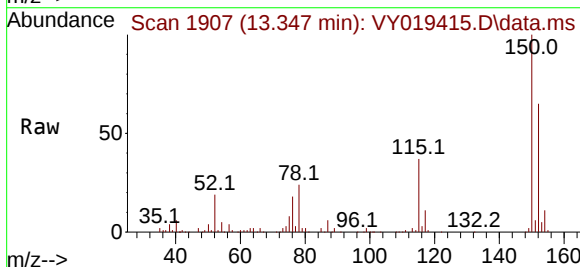
Instrument :
MSVOA_Y
ClientSampleId :

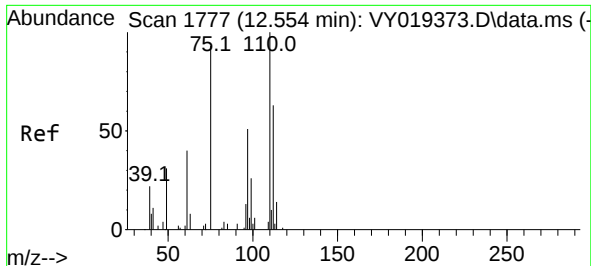
Tgt Ion:117 Resp: 113141
Ion Ratio Lower Upper
117 100
82 49.0 42.4 63.6
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Tgt Ion:152 Resp: 48980
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 157.5 0.0 345.6

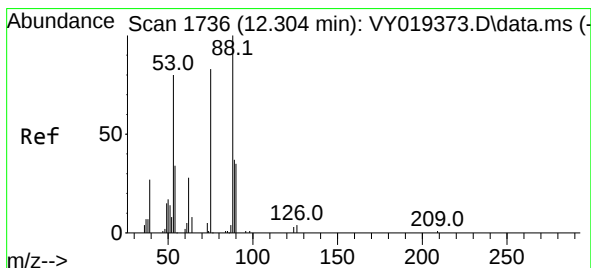
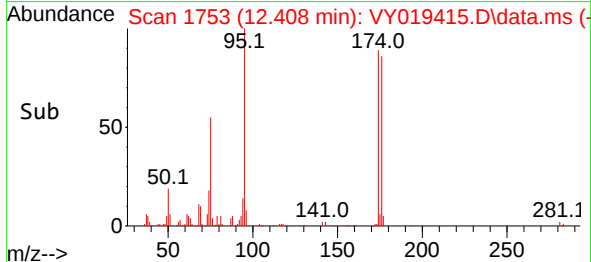
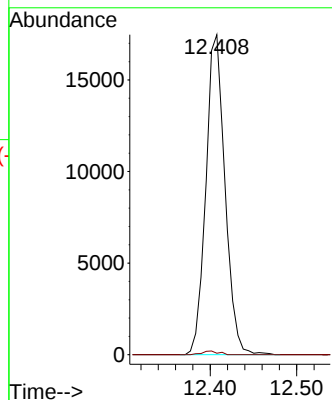
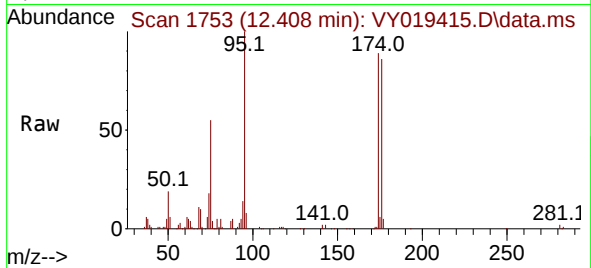




#76
1,2,3-Trichloropropane
Concen: 62.263 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

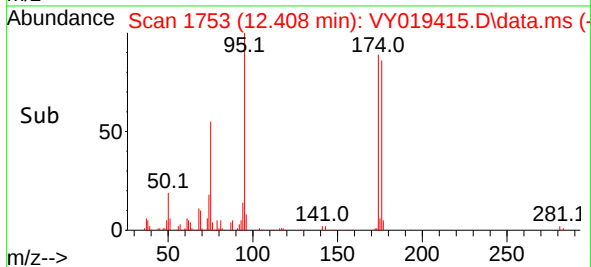
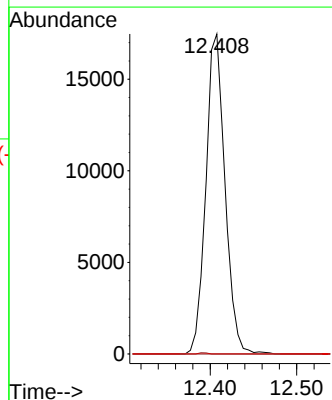
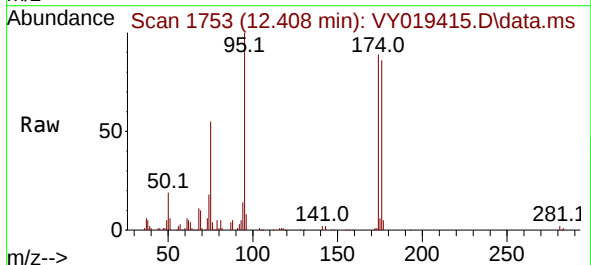
Instrument :
MSVOA_Y
ClientSampleId :

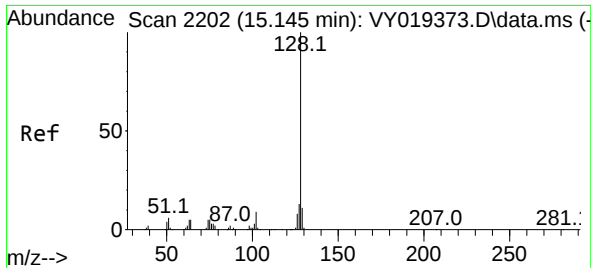
Tgt Ion: 75 Resp: 26782
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 154.043 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

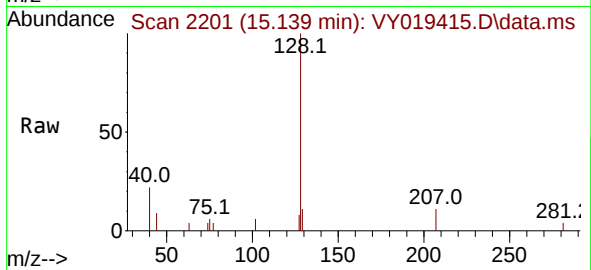
Tgt Ion: 75 Resp: 26782
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 1.537 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019415.D
Acq: 30 Aug 2024 22:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 1932
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.1 8.6 13.0

