

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008815.D
 Acq On : 18 May 2022 15:43
 Operator : KP/MD
 Sample : N2869-07
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P029-SS001-0612-01

Quant Time: May 19 03:11:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

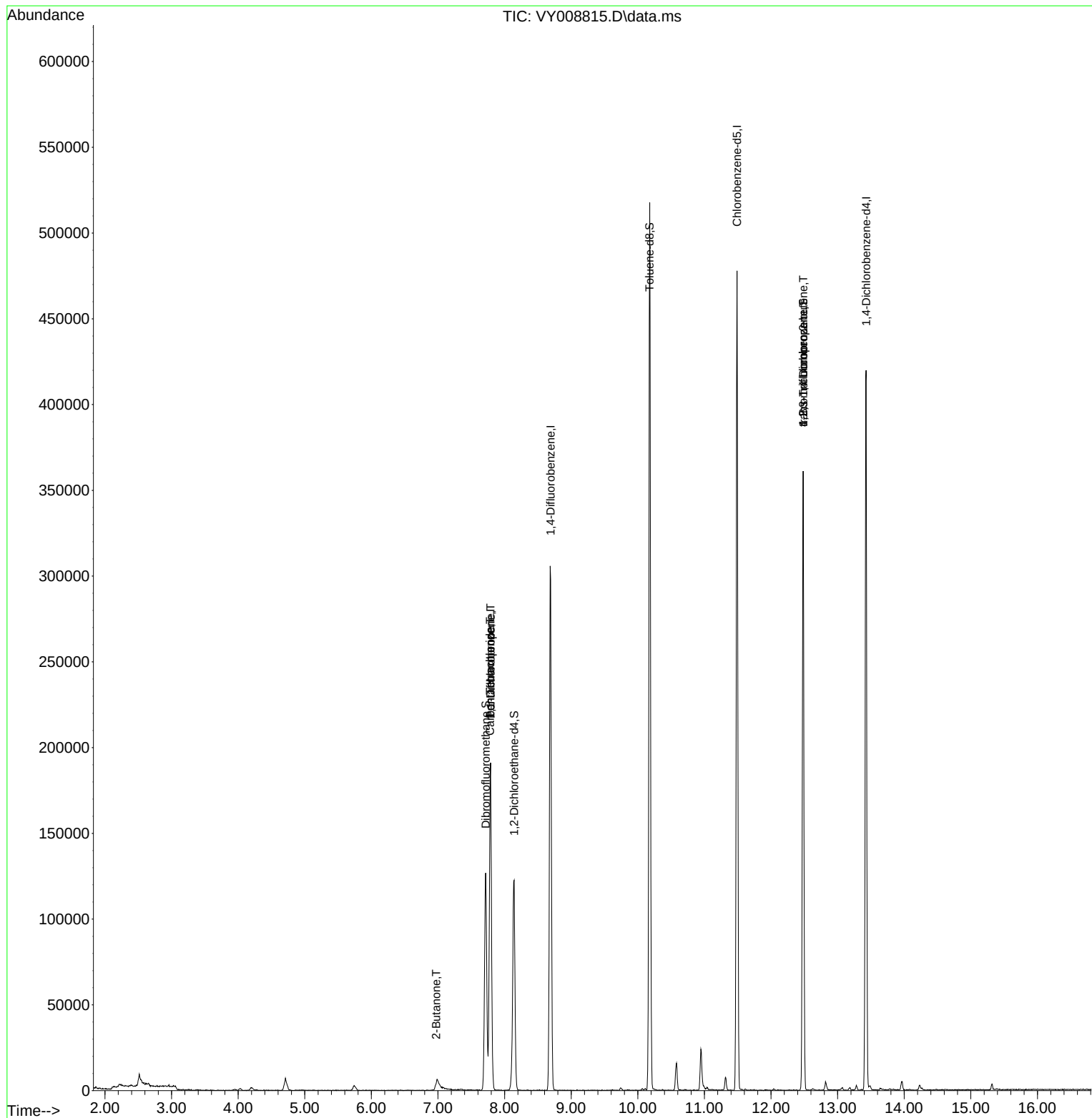
Internal Standards						
1) Pentafluorobenzene	7.789	168	142997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	247024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89381	67.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.760%	
35) Dibromofluoromethane	7.716	113	83370	54.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.860%	
50) Toluene-d8	10.179	98	327669	48.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	12.483	95	95287	40.307	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	128	Below Cal	#	48
4) Vinyl Chloride	2.253	62	183	Below Cal	#	43
5) Bromomethane	2.656	94	212	Below Cal	#	24
6) Chloroethane	2.851	64	25	Below Cal	#	43
16) Acetone	3.948	43	942	Below Cal	#	74
18) Methyl Acetate	4.253	43	35	Below Cal	#	56
20) Methylene Chloride	4.716	84	4619	Below Cal	#	71
25) 2-Butanone	6.972	43	671	1.205 ug/l	#	54
31) Cyclohexane	7.783	56	3498	Below Cal	#	20
36) 1,1-Dichloropropene	7.789	75	12239	5.035 ug/l	#	52
38) Carbon Tetrachloride	7.783	117	14576	5.595 ug/l	#	16
76) 1,2,3-Trichloropropane	12.483	75	54085	45.195 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54085	98.853 ug/l	#	7

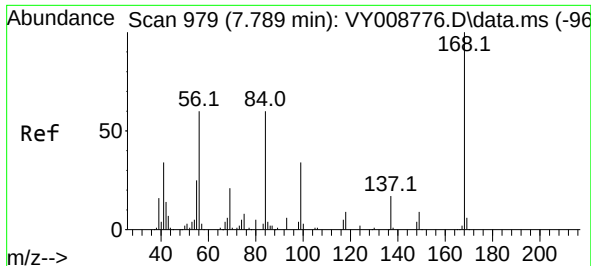
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P029-SS001-0612-01

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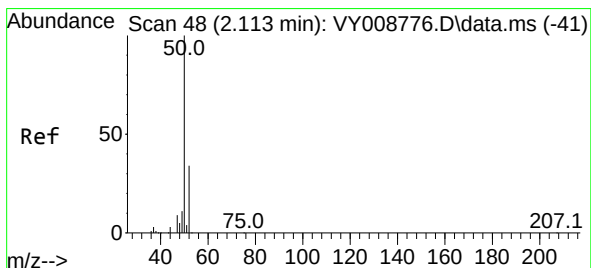
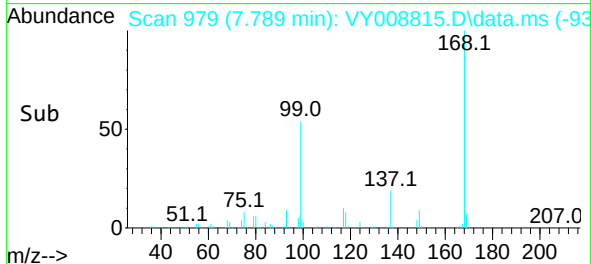
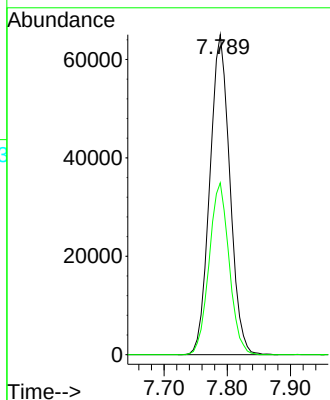
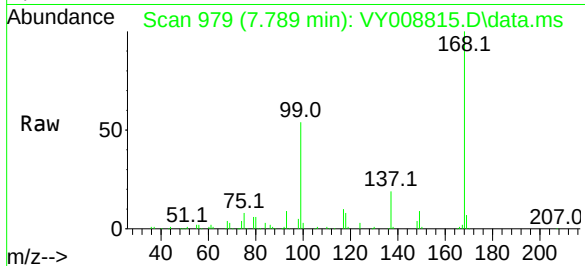




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

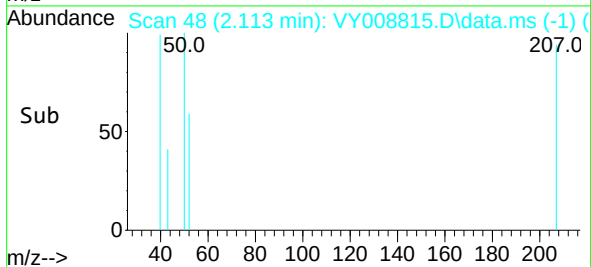
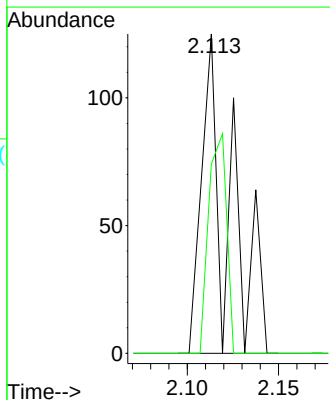
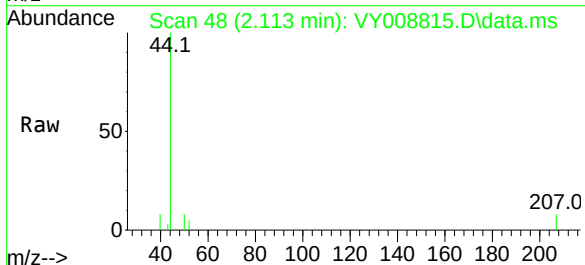
Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-0612-01

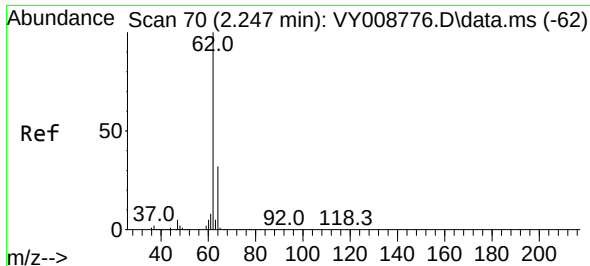
Tgt Ion:168 Resp: 142997
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

Tgt Ion: 50 Resp: 128
Ion Ratio Lower Upper
50 100
52 59.2 24.6 37.0#

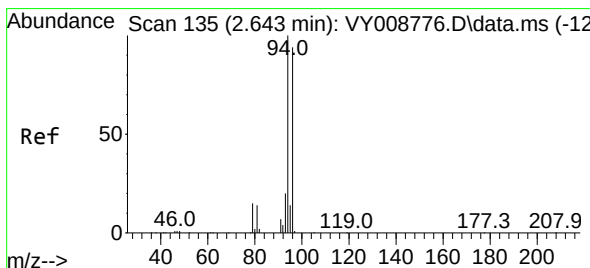
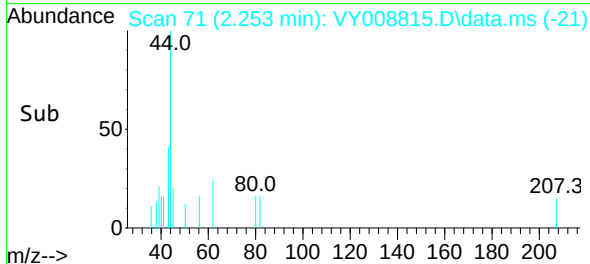
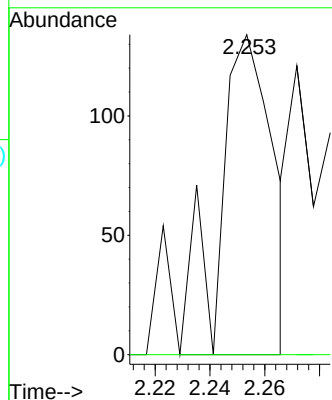
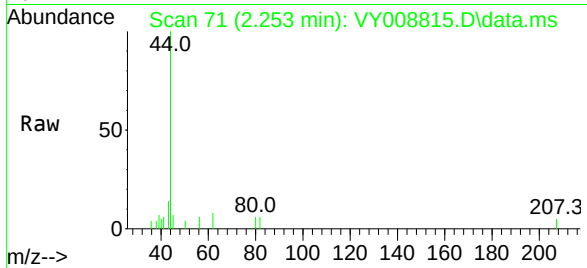




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.253 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VY008815.D
 Acq: 18 May 2022 15:43

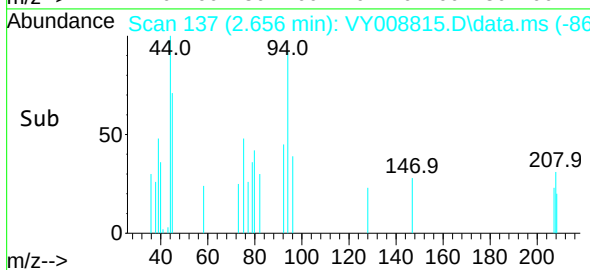
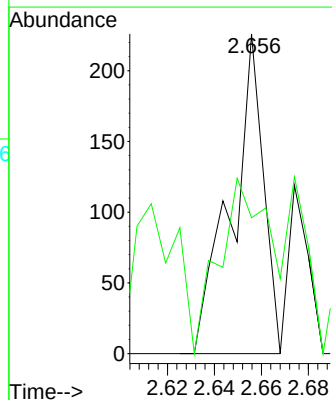
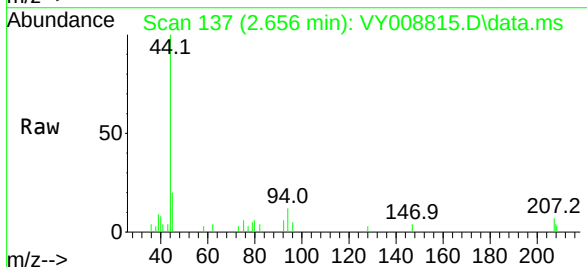
Instrument :
 MSVOA_Y
 ClientSampleId :
 P029-SS001-0612-01

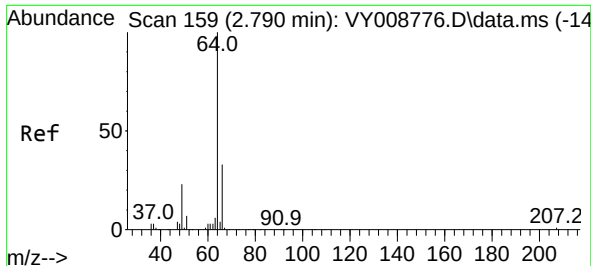
Tgt Ion: 62 Resp: 183
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.656 min Scan# 137
 Delta R.T. 0.013 min
 Lab File: VY008815.D
 Acq: 18 May 2022 15:43

Tgt Ion: 94 Resp: 212
 Ion Ratio Lower Upper
 94 100
 96 19.0 73.5 110.3#

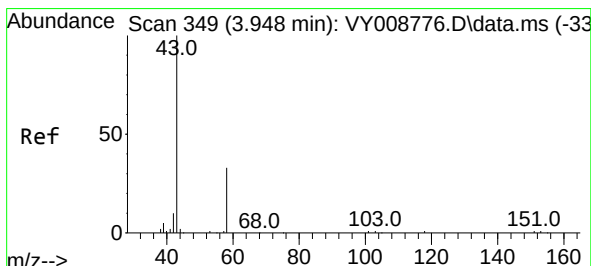
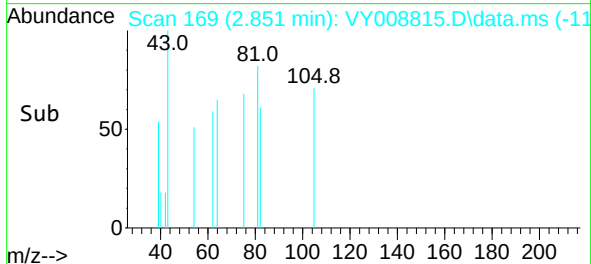
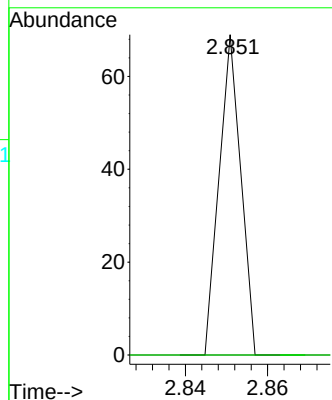
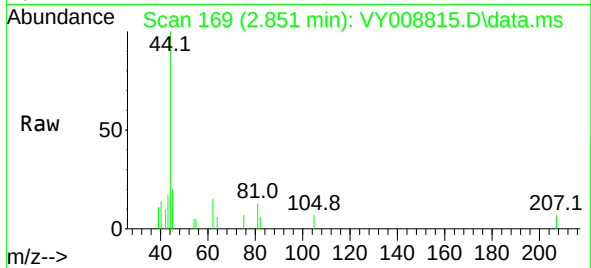




#6
Chloroethane
Concen: Below Cal
RT: 2.851 min Scan# 11
Delta R.T. 0.061 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

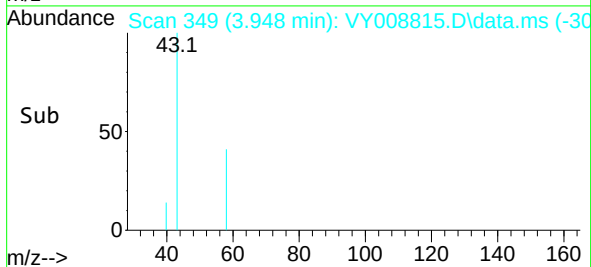
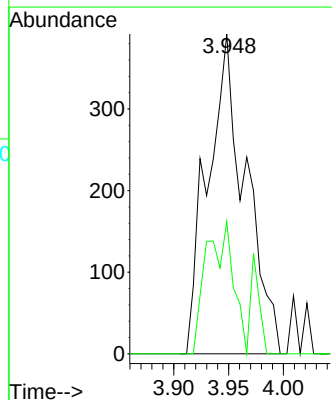
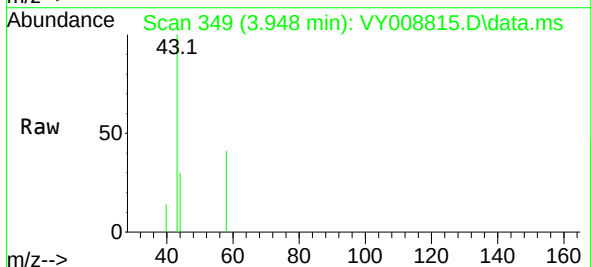
Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-0612-01

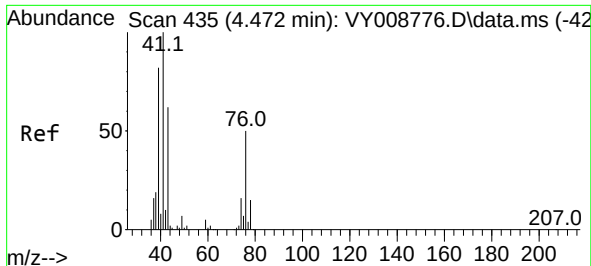
Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 41.3 22.0 33.0#

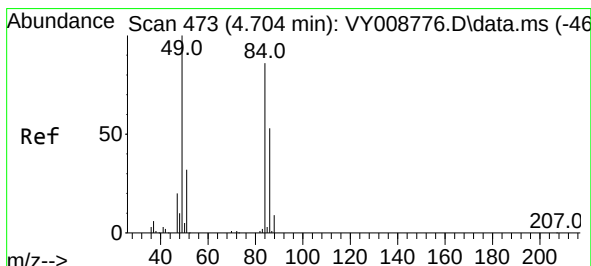
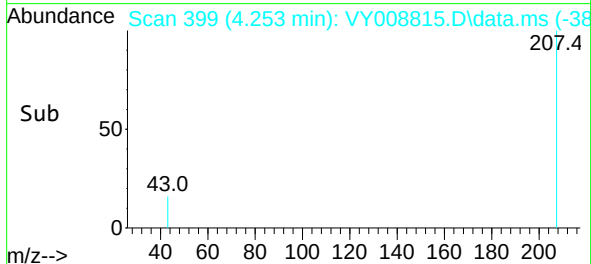
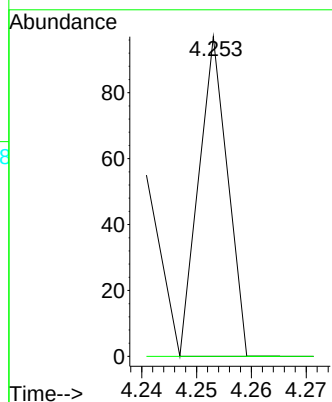
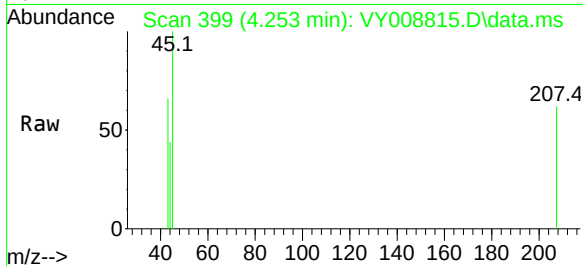




#18
Methyl Acetate
Concen: Below Cal
RT: 4.253 min Scan# 399
Delta R.T. -0.219 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

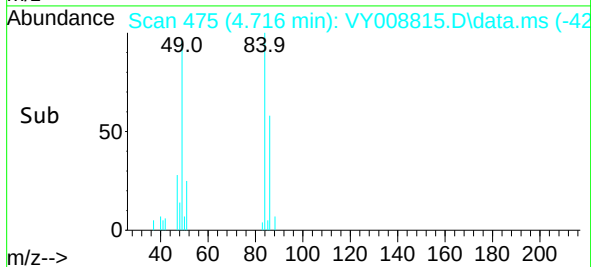
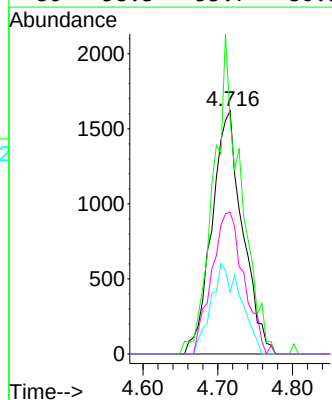
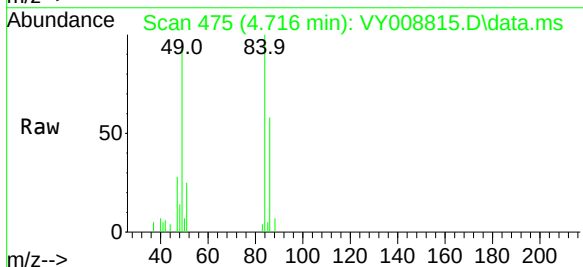
Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-0612-01

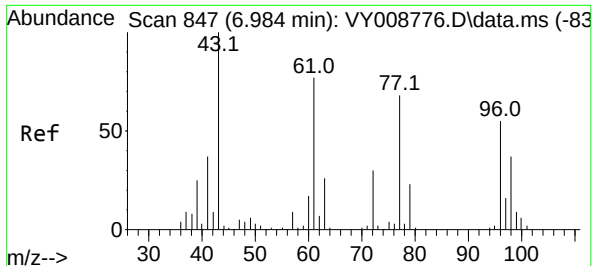
Tgt Ion: 43 Resp: 35
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

Tgt Ion: 84 Resp: 4619
Ion Ratio Lower Upper
84 100
49 96.5 114.4 171.6#
51 25.5 35.3 52.9#
86 58.3 53.7 80.5





#25

2-Butanone

Concen: 1.205 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY008815.D

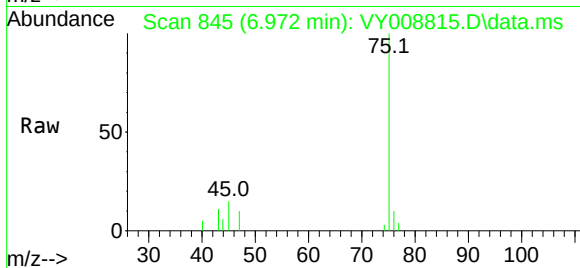
Acq: 18 May 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

P029-SS001-0612-01

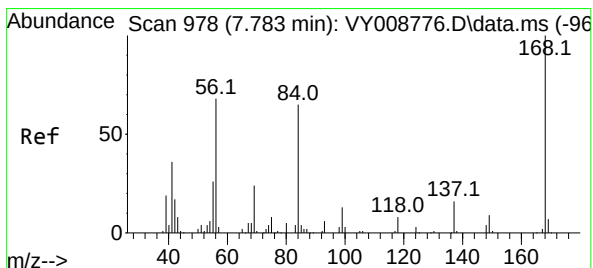
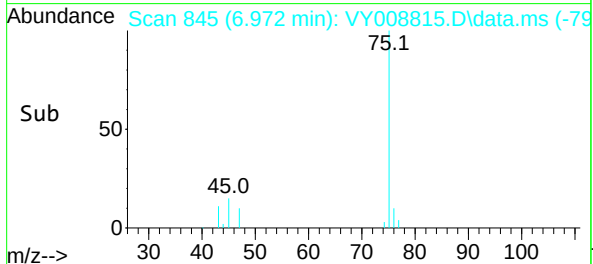
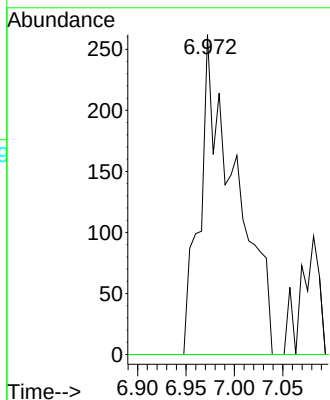


Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008815.D

Acq: 18 May 2022 15:43

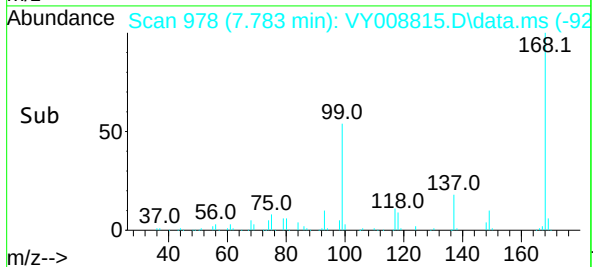
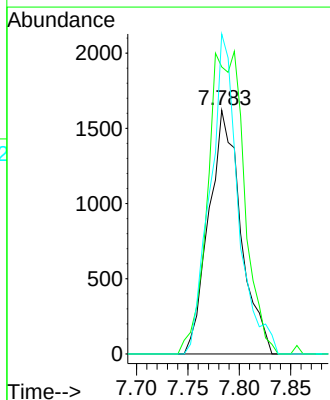
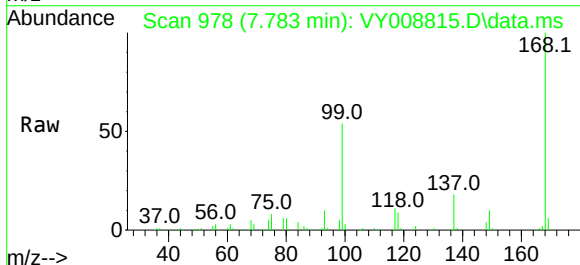
Tgt Ion: 56 Resp: 3498

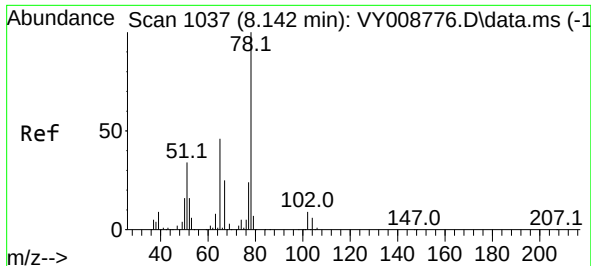
Ion Ratio Lower Upper

56 100

69 117.8 26.7 40.1#

84 131.4 67.2 100.8#

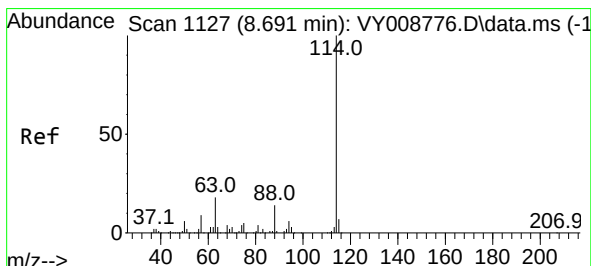
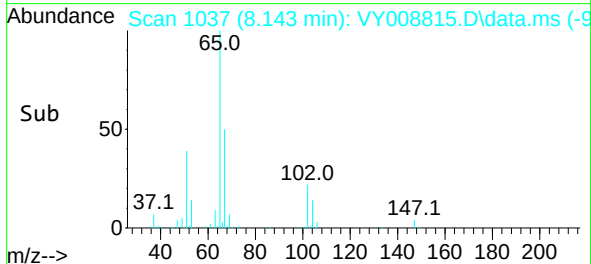
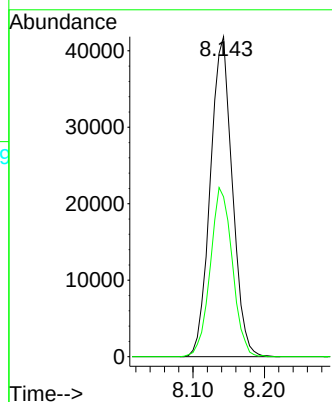
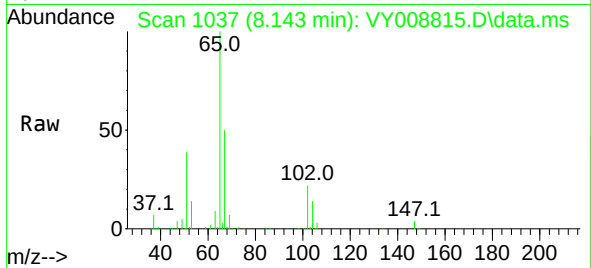




#33
 1,2-Dichloroethane-d4
 Concen: 67.376 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008815.D
 Acq: 18 May 2022 15:43

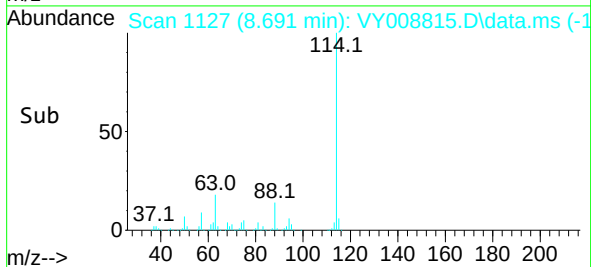
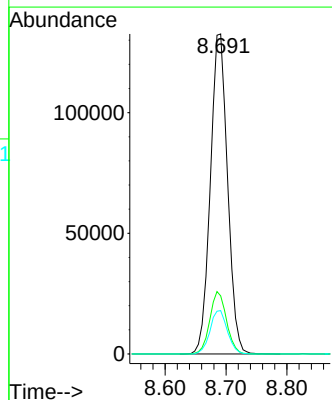
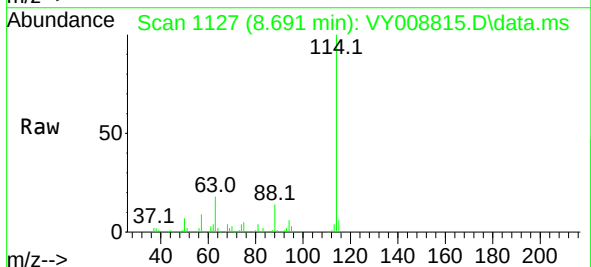
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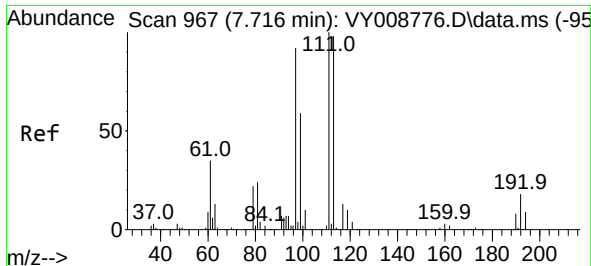
Tgt Ion: 65 Resp: 89381
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008815.D
 Acq: 18 May 2022 15:43

Tgt Ion: 114 Resp: 259750
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 43.2
 88 13.5 0.0 31.8

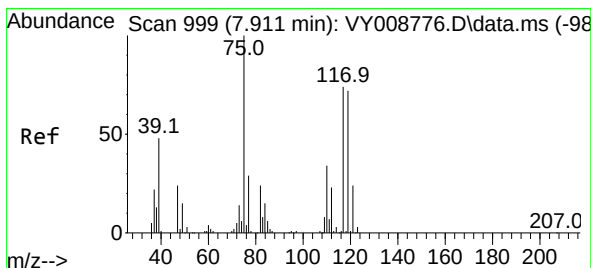
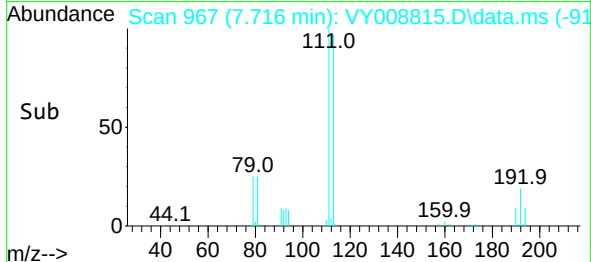
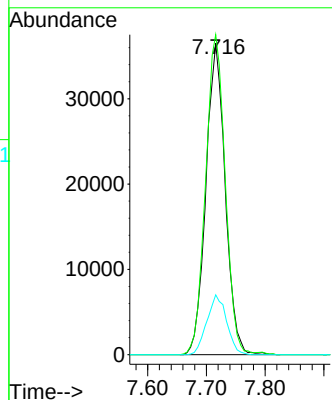
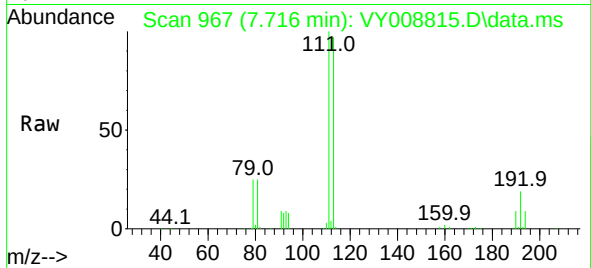




#35
Dibromofluoromethane
Concen: 54.933 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

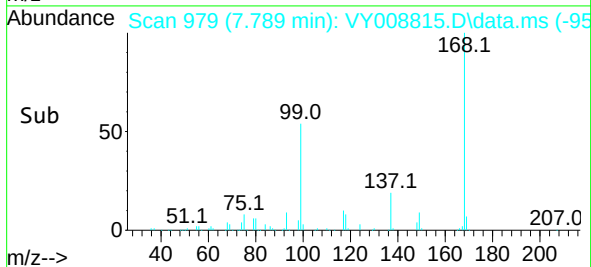
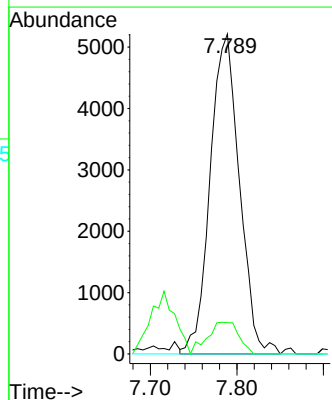
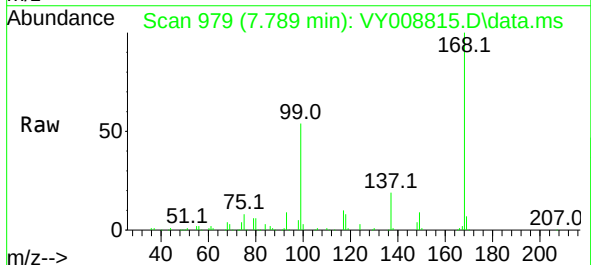
Instrument :
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P029-SS001-0612-01

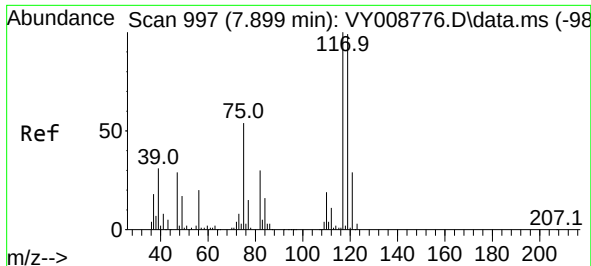
Tgt Ion:113 Resp: 83370
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.035 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

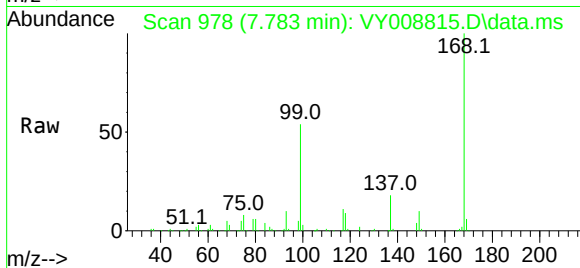
Tgt Ion: 75 Resp: 12239
Ion Ratio Lower Upper
75 100
110 10.6 17.1 51.2#
77 0.0 24.4 36.6#



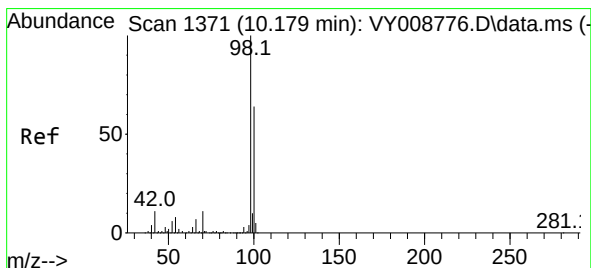
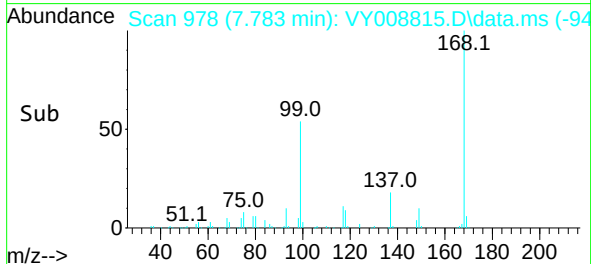
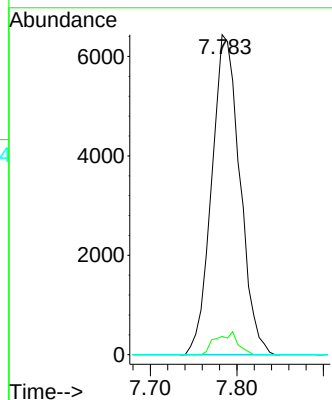


#38
Carbon Tetrachloride
Concen: 5.595 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-0612-01

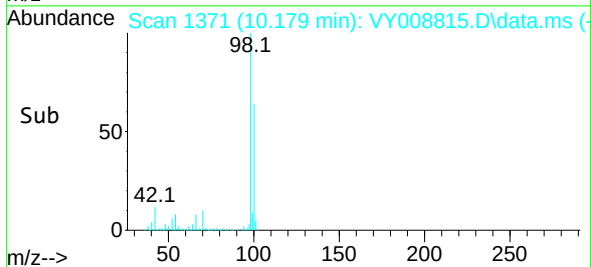
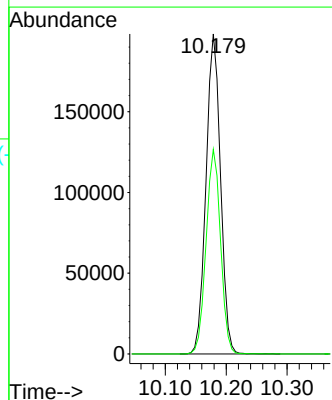
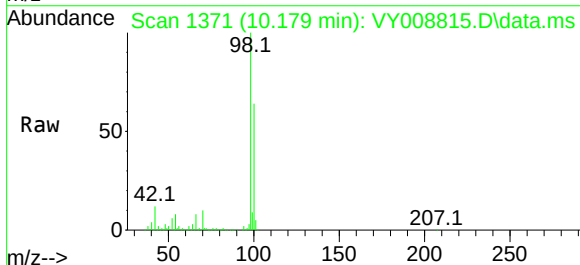


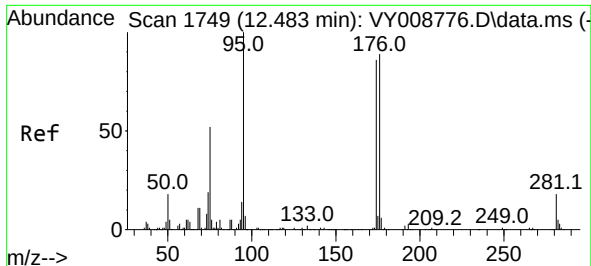
Tgt Ion:117 Resp: 14576
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.663 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

Tgt Ion: 98 Resp: 327669
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

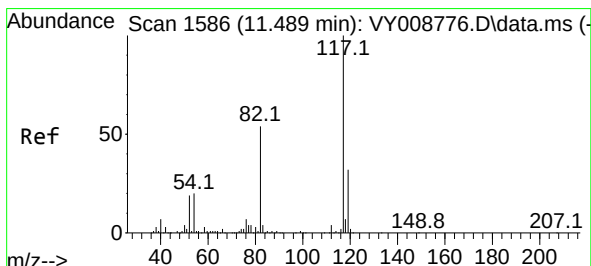
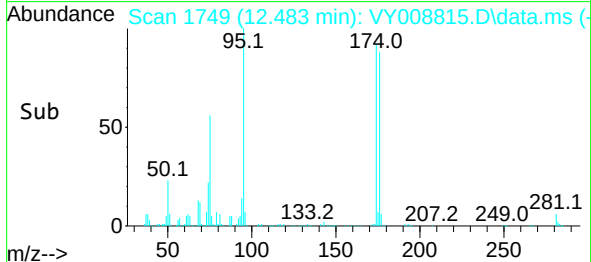
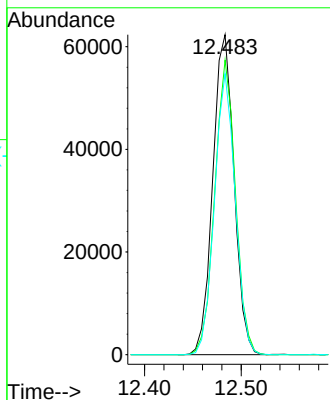
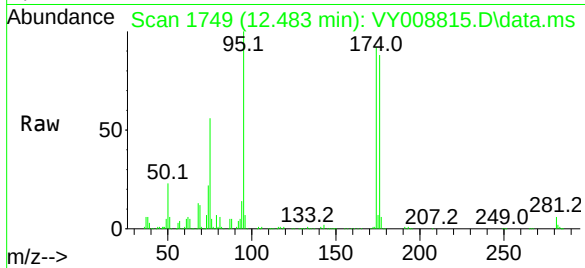




#62
4-Bromofluorobenzene
Concen: 40.307 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

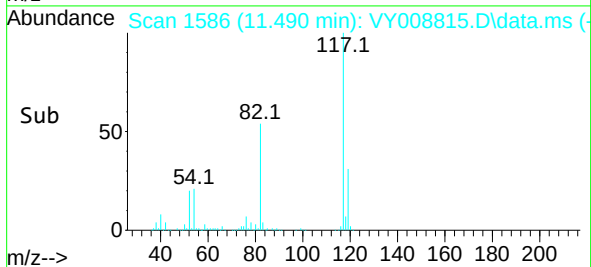
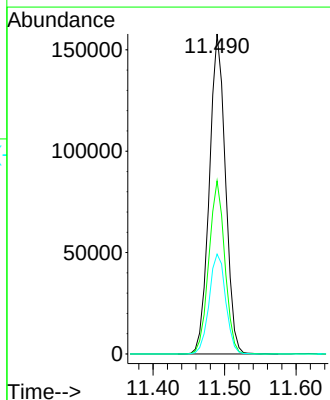
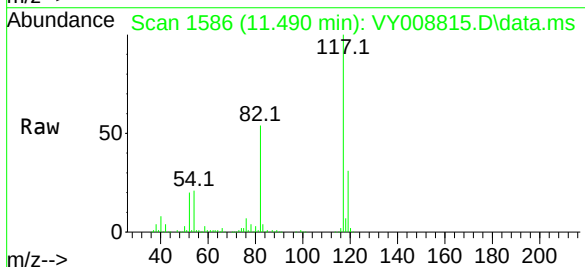
Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-0612-01

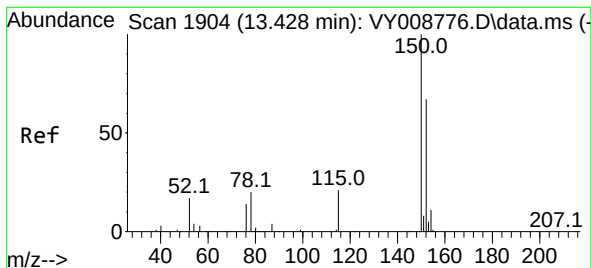
Tgt Ion: 95 Resp: 95287
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 85.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008815.D
Acq: 18 May 2022 15:43

Tgt Ion: 117 Resp: 247024
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.2 25.4 38.0

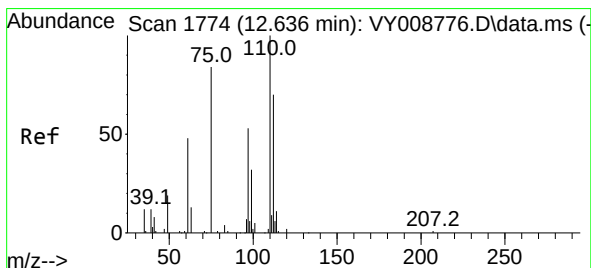
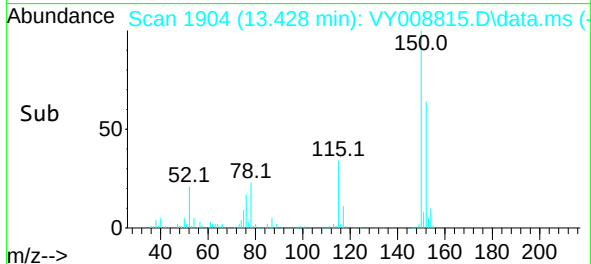
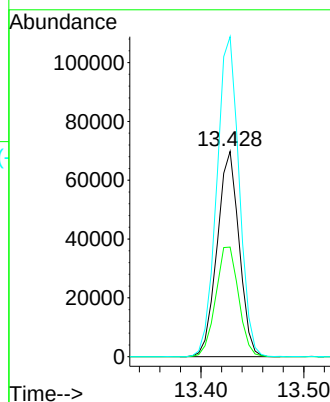
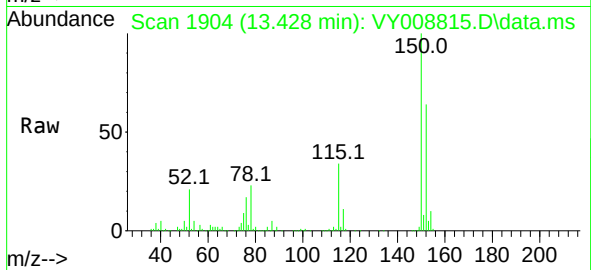




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008815.D
 Acq: 18 May 2022 15:43

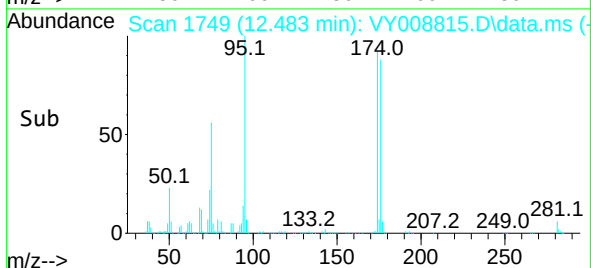
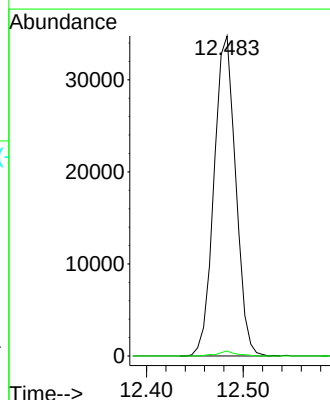
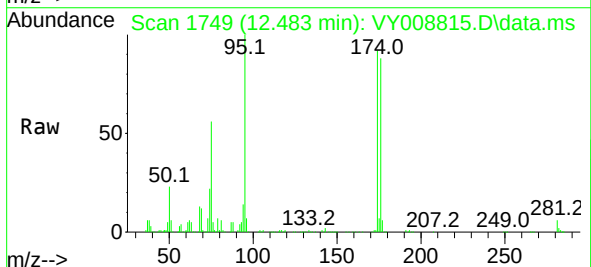
Instrument :
 MSVOA_Y
 ClientSampleId :
 P029-SS001-0612-01

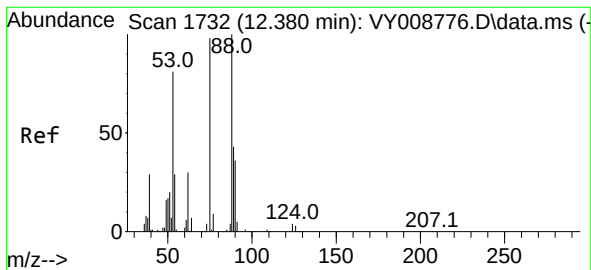
Tgt Ion:152 Resp: 103599
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 158.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.195 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008815.D
 Acq: 18 May 2022 15:43

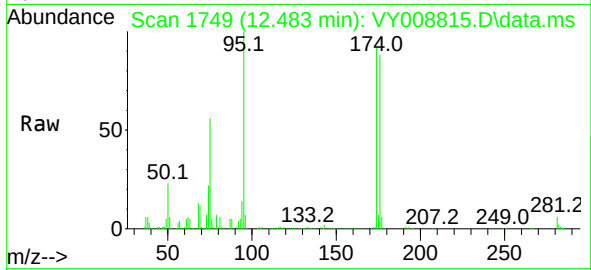
Tgt Ion: 75 Resp: 54085
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.853 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008815.D
 Acq: 18 May 2022 15:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 P029-SS001-0612-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	85.3	127.9#
89	0.0	37.0	55.4#

