

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010364.D
 Acq On : 07 Sep 2022 11:31
 Operator : KP/MD
 Sample : VY0907SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBL01

Quant Time: Sep 08 03:40:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

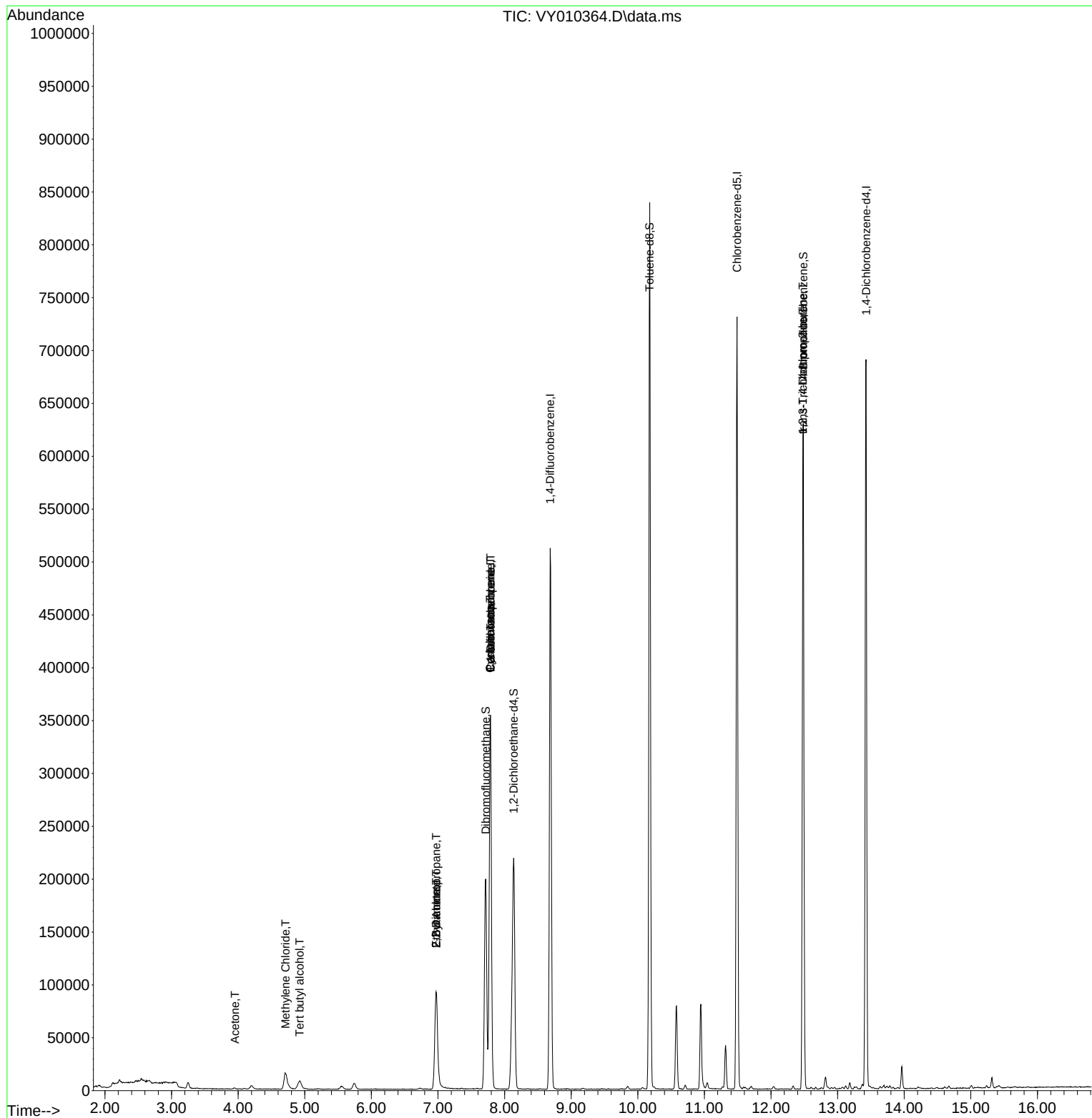
Internal Standards							
1) Pentafluorobenzene		7.789	168	286689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.685	114	450936	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.489	117	399185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.428	152	186235	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.136	65	146984	50.000	ug/l	0.00
Spiked Amount 50.000		Range 50 - 163		Recovery = 100.000%			
35) Dibromofluoromethane		7.716	113	142143	47.350	ug/l	0.00
Spiked Amount 50.000		Range 54 - 147		Recovery = 94.700%			
50) Toluene-d8		10.179	98	537152	53.445	ug/l	0.00
Spiked Amount 50.000		Range 49 - 140		Recovery = 106.880%			
62) 4-Bromofluorobenzene		12.483	95	182252	44.597	ug/l	0.00
Spiked Amount 50.000		Range 25 - 144		Recovery = 89.200%			
Target Compounds							
5) Bromomethane		2.662	94	855	Below Cal	#	67
11) Tert butyl alcohol		4.924	59	8319	23.655	ug/l	# 81
16) Acetone		3.954	43	1976	2.689	ug/l	# 85
20) Methylene Chloride		4.710	84	11779	3.321	ug/l	# 78
25) 2-Butanone		6.972	43	5899	4.891	ug/l	# 78
26) 2,2-Dichloropropane		6.972	77	7377	1.377	ug/l	# 55
31) Cyclohexane		7.783	56	5742	1.001	ug/l	# 1
36) 1,1-Dichloropropene		7.789	75	21437	4.867	ug/l	# 52
37) Ethyl Acetate		6.972	43	5899	2.336	ug/l	# 1
38) Carbon Tetrachloride		7.789	117	26188	5.769	ug/l	# 15
58) 2-Chloroethyl Vinyl ether		9.776	63	19	Below Cal	#	48
76) 1,2,3-Trichloropropane		12.477	75	92708	41.831	ug/l	# 100
81) trans-1,4-Dichloro-2-b...		12.477	75	92708	87.263	ug/l	# 7

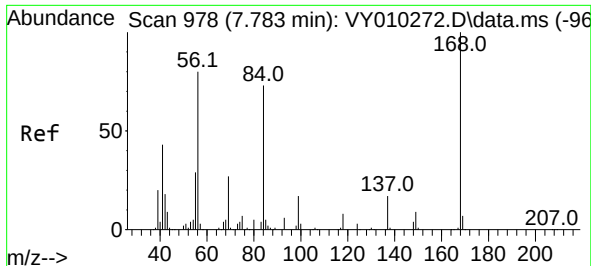
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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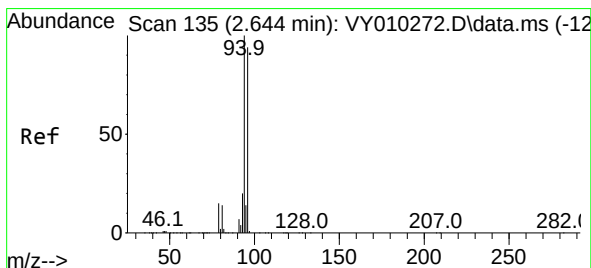
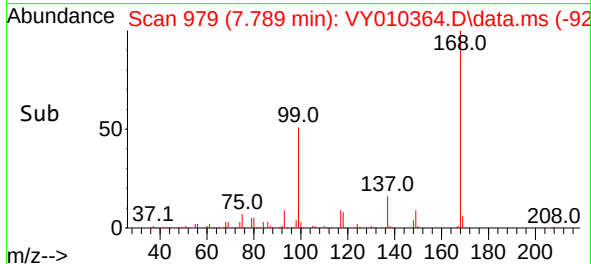
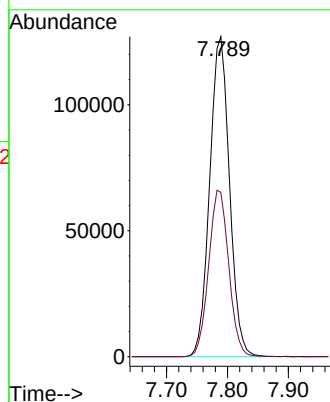
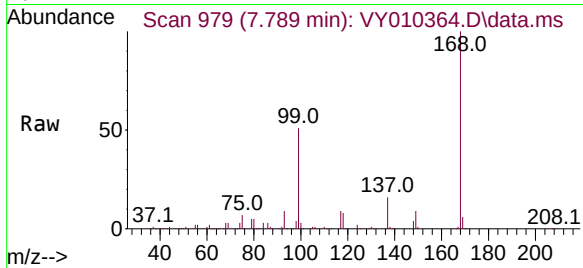




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

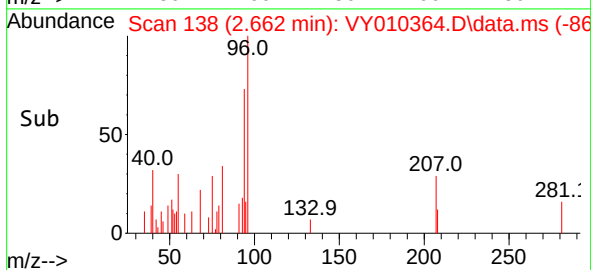
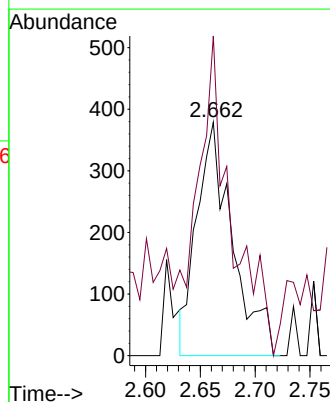
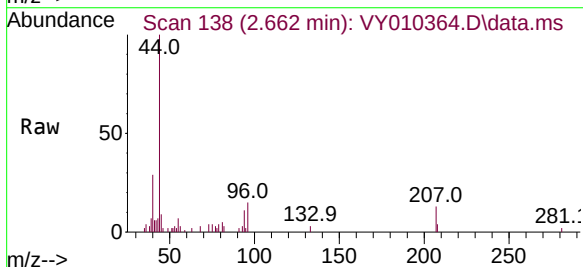
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBL01

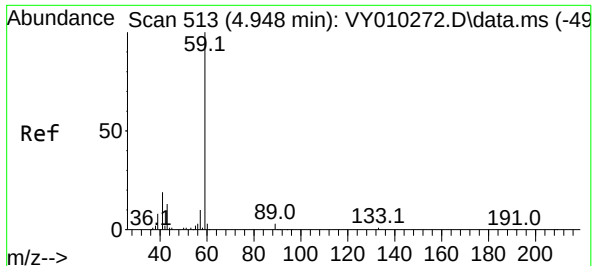
Tgt Ion:168 Resp: 286689
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

Tgt Ion: 94 Resp: 855
Ion Ratio Lower Upper
94 100
96 123.5 73.5 110.3#





#11

Tert butyl alcohol

Concen: 23.655 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY010364.D

Acq: 07 Sep 2022 11:31

Instrument :

MSVOA_Y

ClientSampleId :

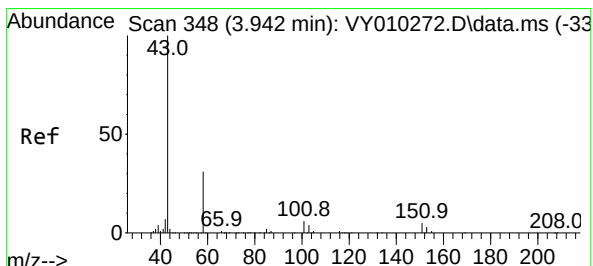
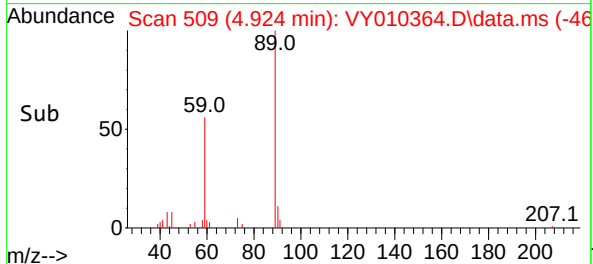
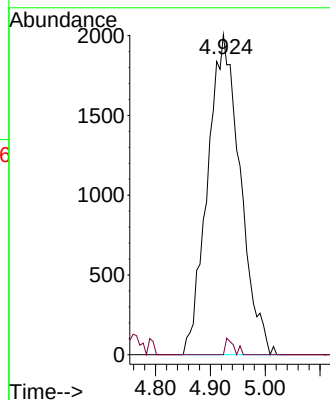
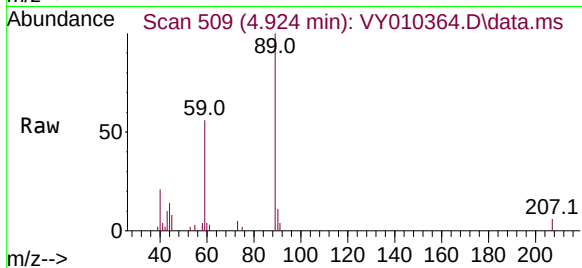
VY0907SBL01

Tgt Ion: 59 Resp: 8319

Ion Ratio Lower Upper

59 100

57 1.3 6.4 9.6#



#16

Acetone

Concen: 2.689 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY010364.D

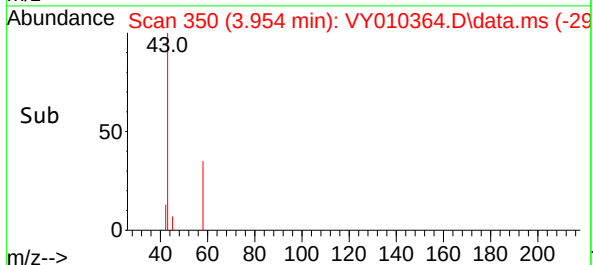
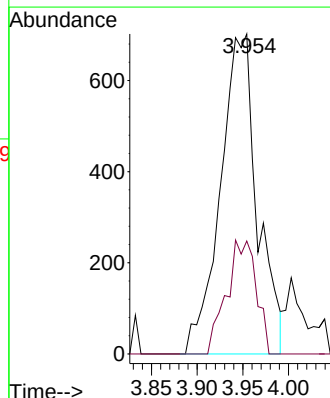
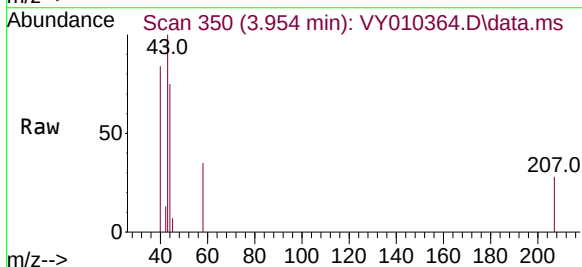
Acq: 07 Sep 2022 11:31

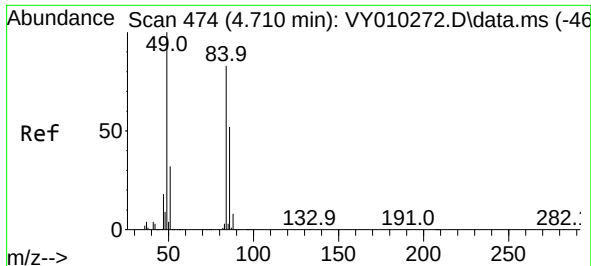
Tgt Ion: 43 Resp: 1976

Ion Ratio Lower Upper

43 100

58 35.3 22.0 33.0#

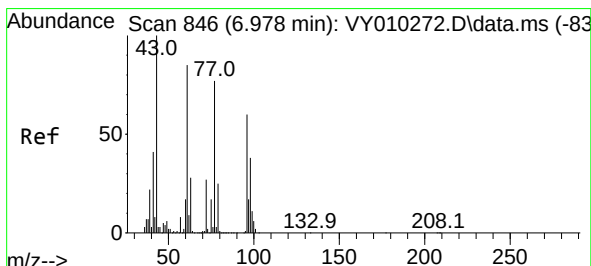
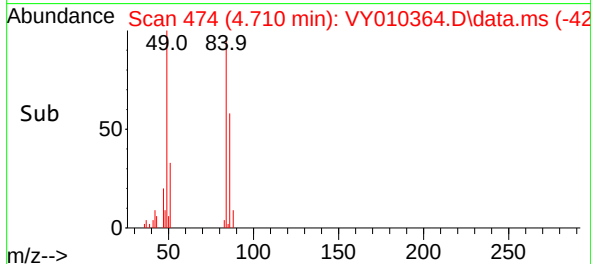
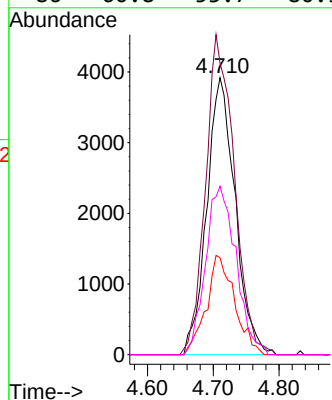
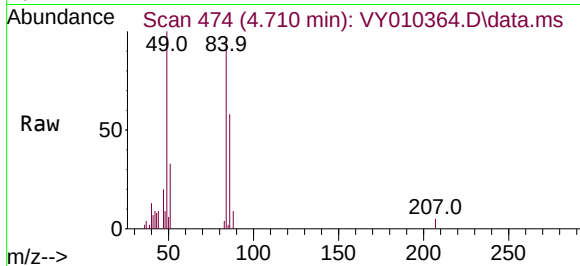




#20
Methylene Chloride
Concen: 3.321 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

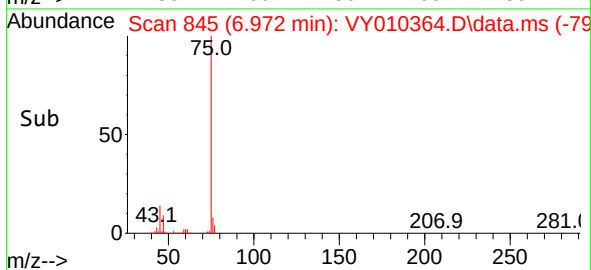
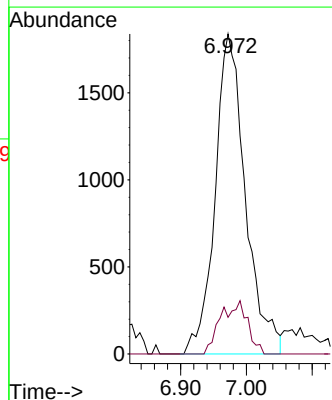
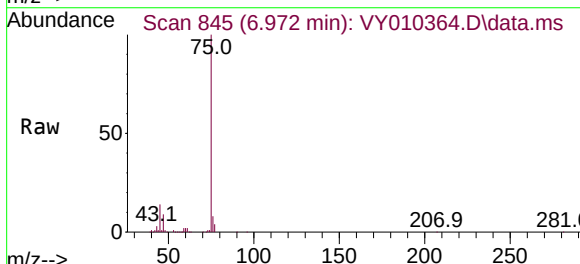
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBL01

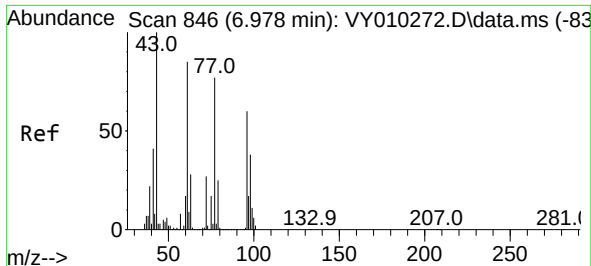
Tgt Ion: 84 Resp: 11779
Ion Ratio Lower Upper
84 100
49 105.3 114.4 171.6#
51 35.0 35.3 52.9#
86 60.8 53.7 80.5



#25
2-Butanone
Concen: 4.891 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

Tgt Ion: 43 Resp: 5899
Ion Ratio Lower Upper
43 100
72 11.5 17.7 26.5#

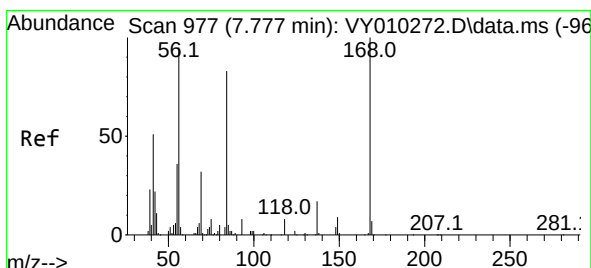
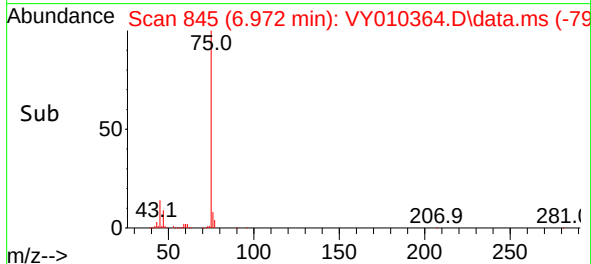
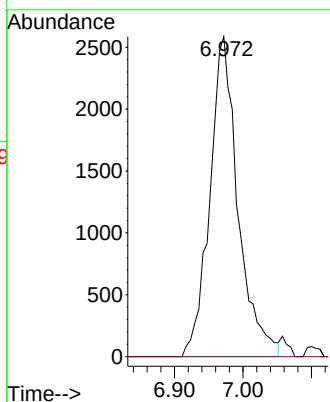
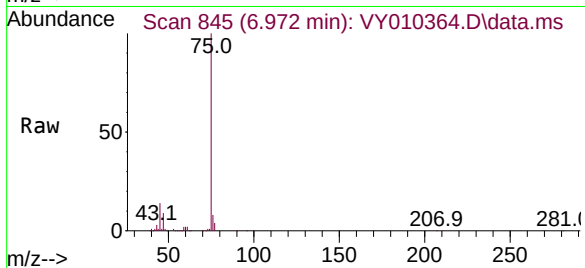




#26
2,2-Dichloropropane
Concen: 1.377 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

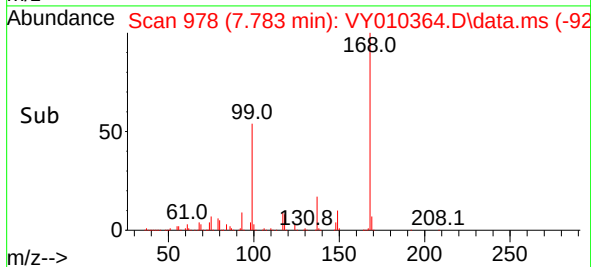
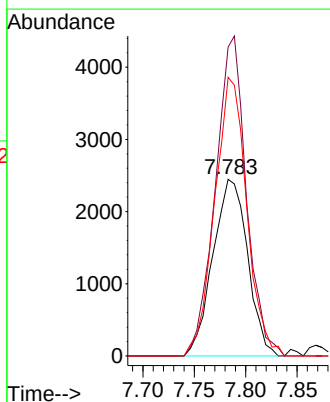
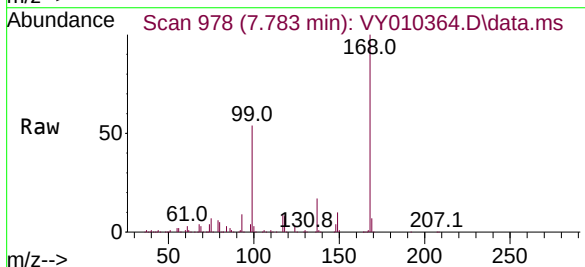
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBL01

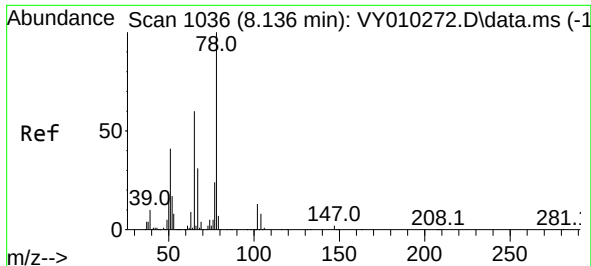
Tgt Ion: 77 Resp: 7377
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.001 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

Tgt Ion: 56 Resp: 5742
Ion Ratio Lower Upper
56 100
69 174.7 26.7 40.1#
84 157.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.000 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010364.D

Acq: 07 Sep 2022 11:31

Instrument :

MSVOA_Y

ClientSampleId :

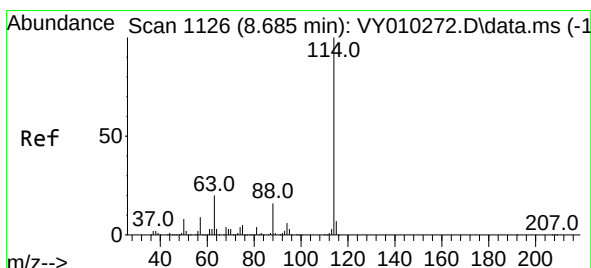
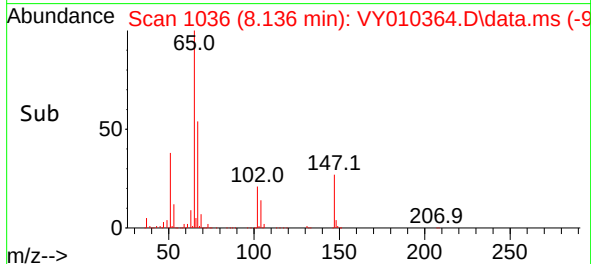
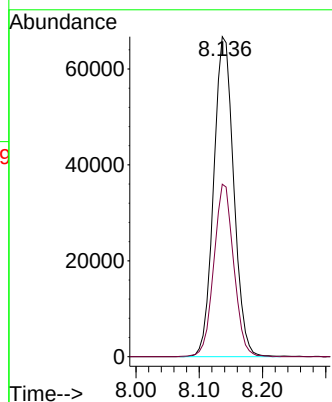
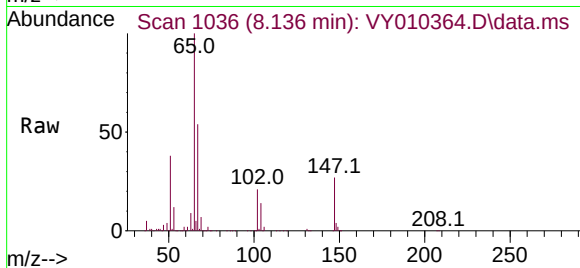
VY0907SBL01

Tgt Ion: 65 Resp: 146984

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010364.D

Acq: 07 Sep 2022 11:31

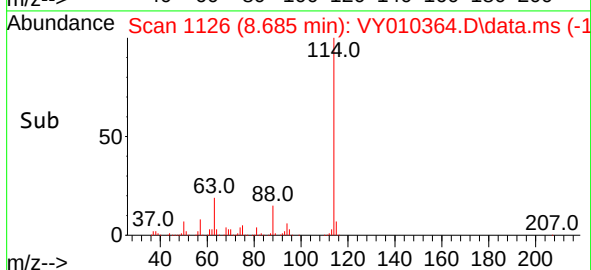
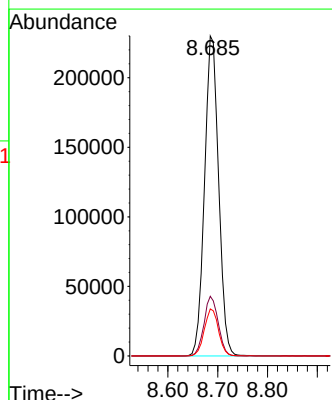
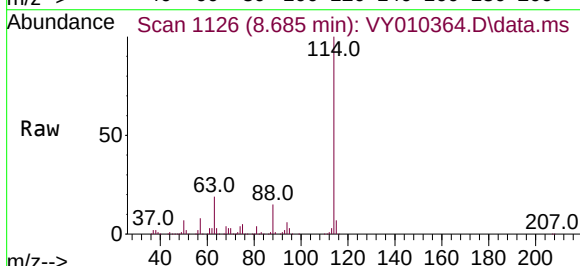
Tgt Ion: 114 Resp: 450936

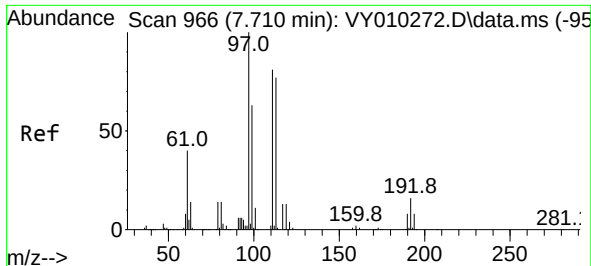
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.7 0.0 31.8

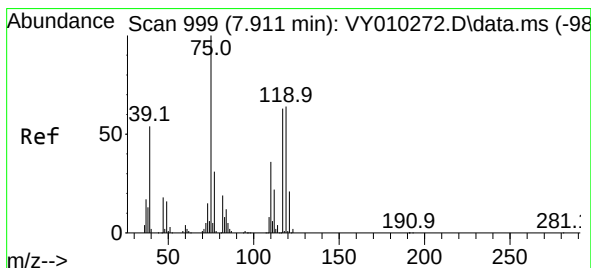
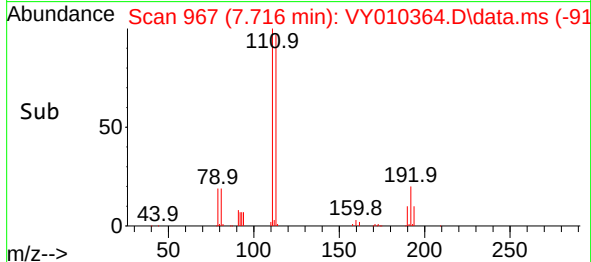
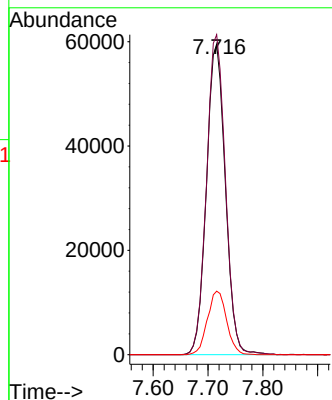
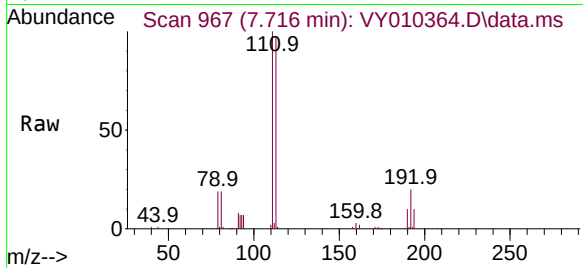




#35
Dibromofluoromethane
Concen: 47.350 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

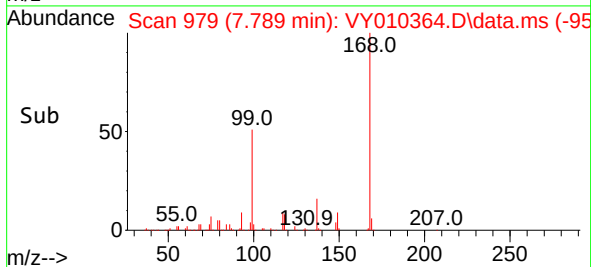
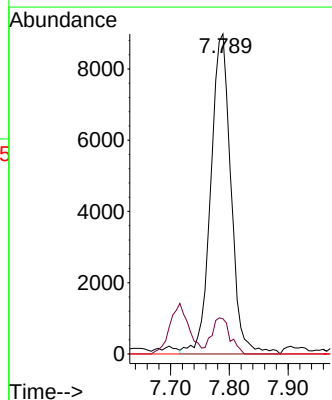
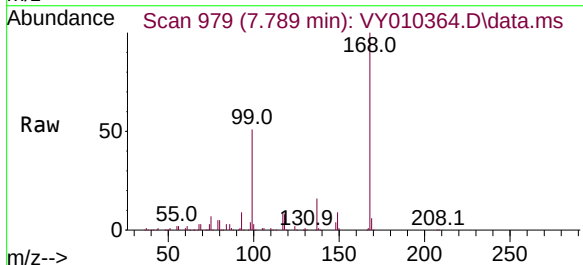
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VY0907SBL01

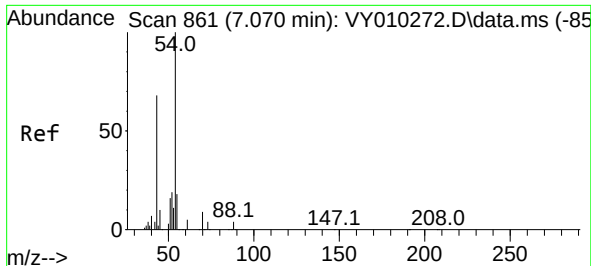
Tgt Ion:113 Resp: 142143
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

Tgt Ion: 75 Resp: 21437
Ion Ratio Lower Upper
75 100
110 10.4 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.336 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY010364.D

Acq: 07 Sep 2022 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0907SBL01

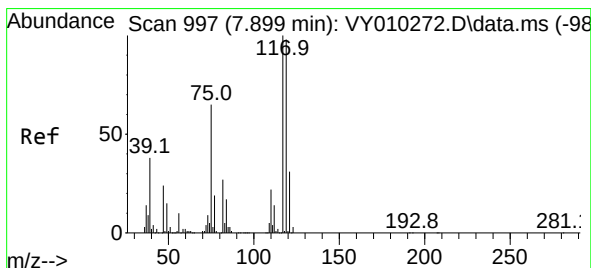
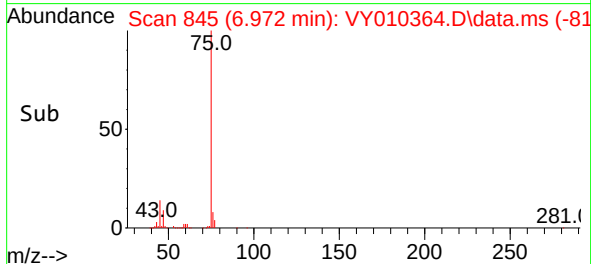
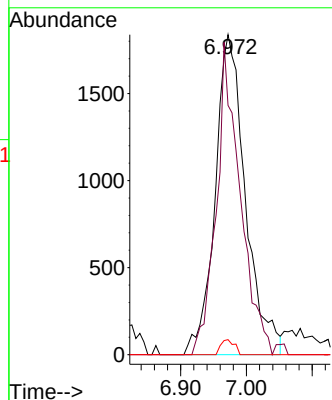
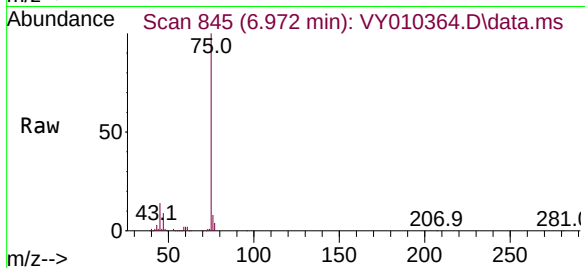
Tgt Ion: 43 Resp: 5899

Ion Ratio Lower Upper

43 100

61 76.8 9.7 14.5#

70 2.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.769 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010364.D

Acq: 07 Sep 2022 11:31

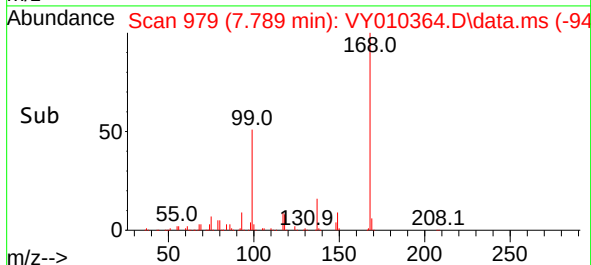
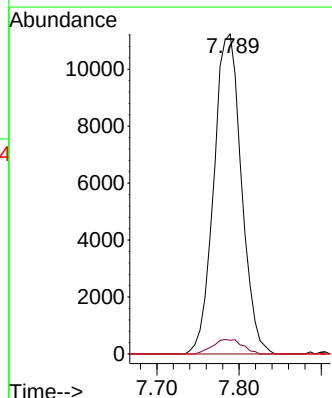
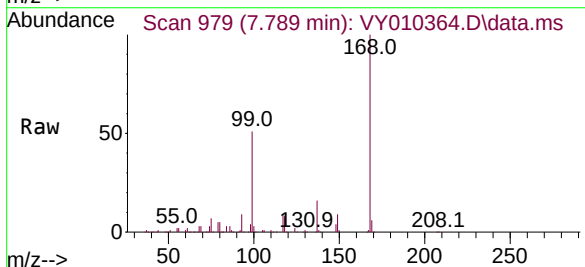
Tgt Ion: 117 Resp: 26188

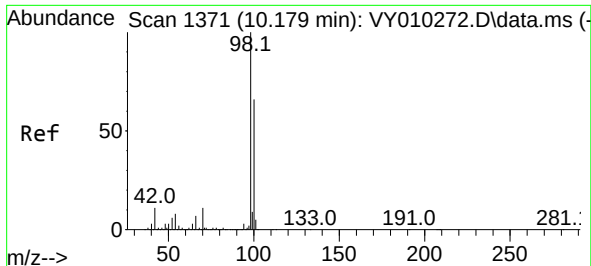
Ion Ratio Lower Upper

117 100

119 4.3 77.9 116.9#

121 0.0 24.8 37.2#

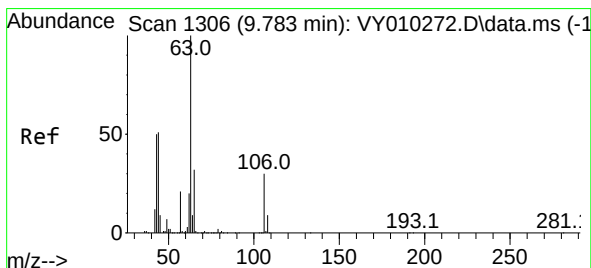
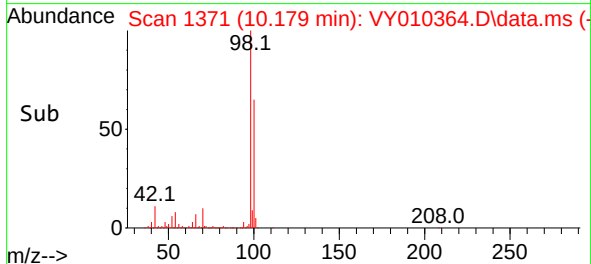
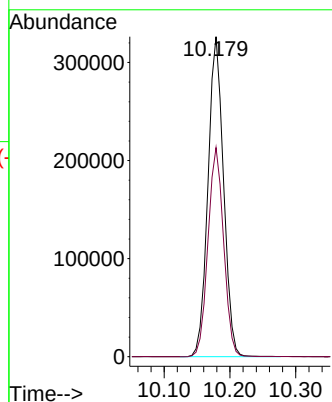
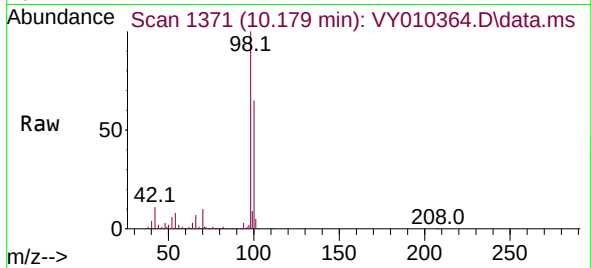




#50
Toluene-d8
Concen: 53.445 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

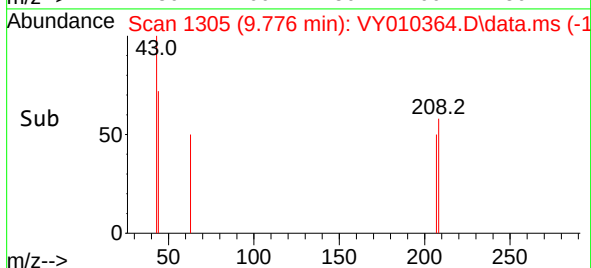
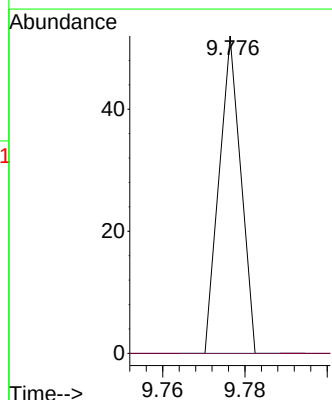
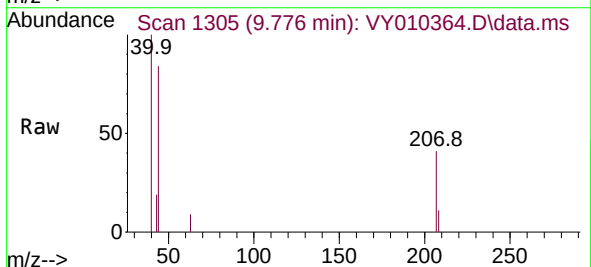
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBL01

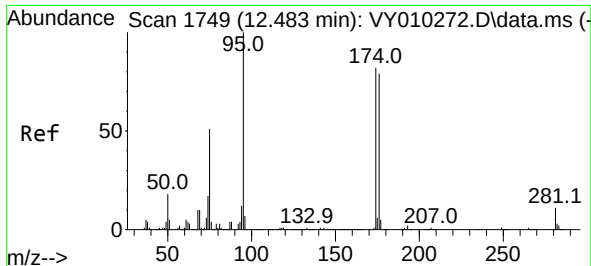
Tgt Ion: 98 Resp: 537152
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.776 min Scan# 1305
Delta R.T. -0.007 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

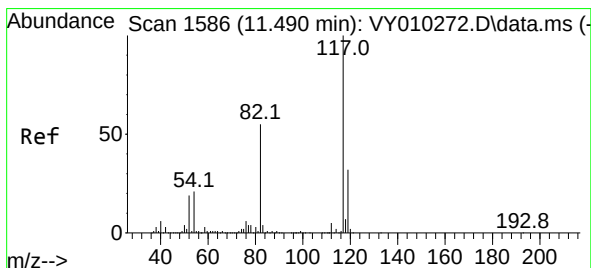
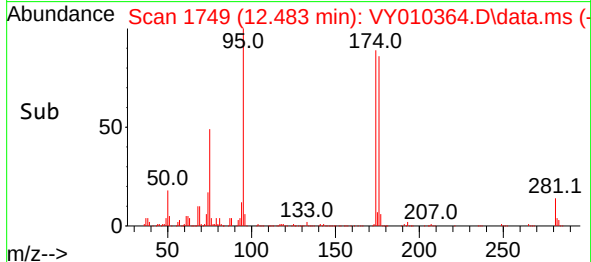
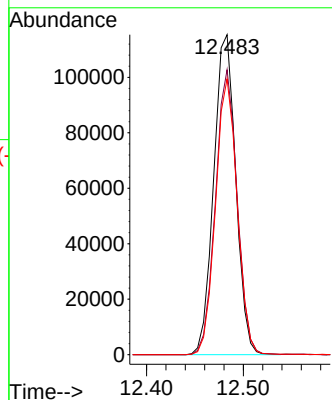
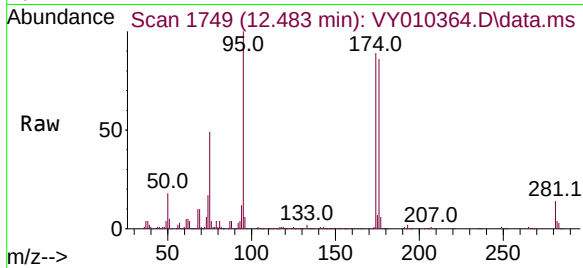




#62
4-Bromofluorobenzene
Concen: 44.597 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

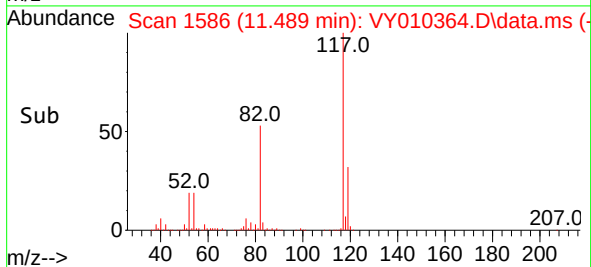
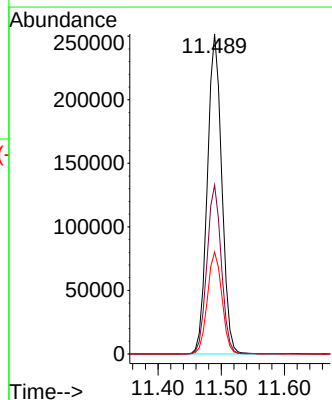
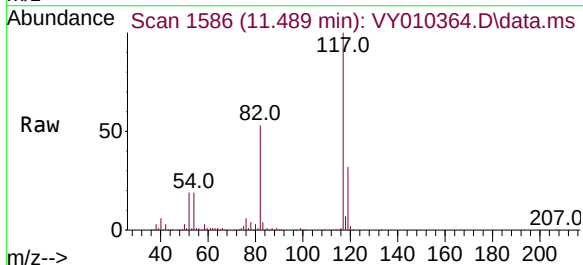
Instrument :
MSVOA_Y
ClientSampleId :
VY0907SBL01

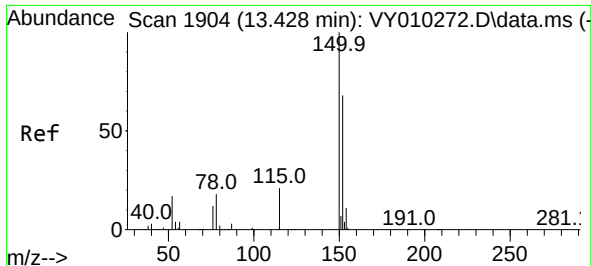
Tgt Ion: 95 Resp: 182252
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 84.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010364.D
Acq: 07 Sep 2022 11:31

Tgt Ion: 117 Resp: 399185
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.9 25.4 38.0

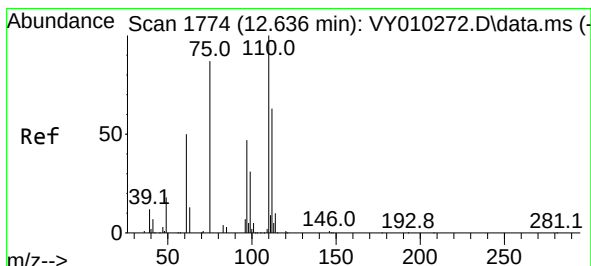
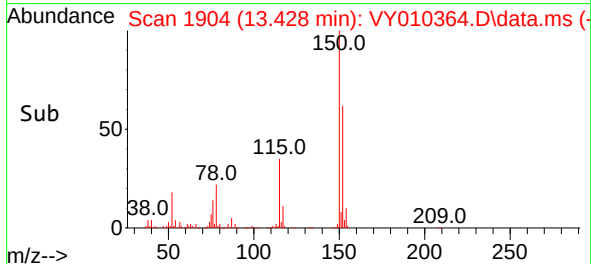
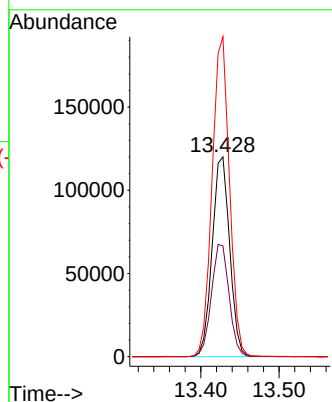
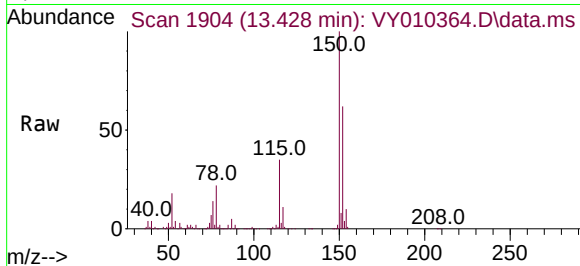




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY010364.D
 Acq: 07 Sep 2022 11:31

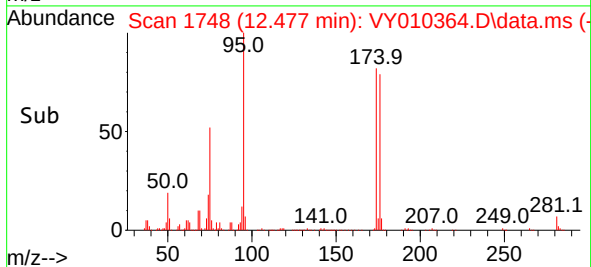
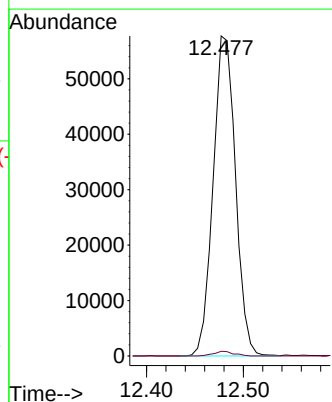
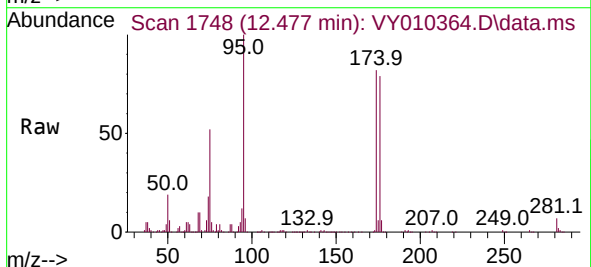
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBL01

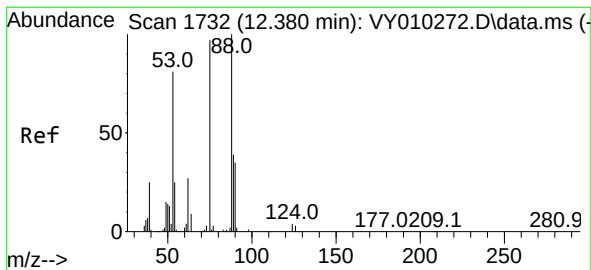
Tgt Ion:152 Resp: 186235
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.2 84.7
 150 159.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.831 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY010364.D
 Acq: 07 Sep 2022 11:31

Tgt Ion: 75 Resp: 92708
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.263 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010364.D
 Acq: 07 Sep 2022 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBL01

Tgt Ion: 75 Resp: 92708
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

